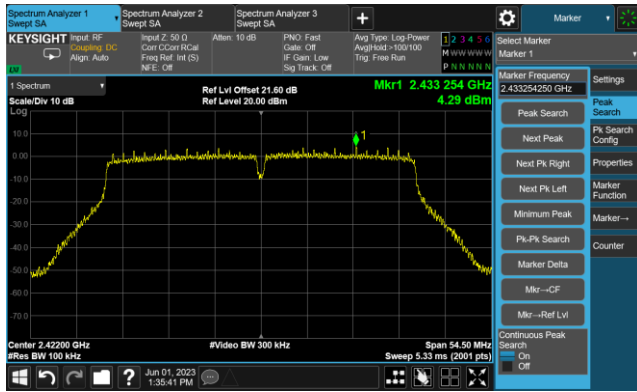


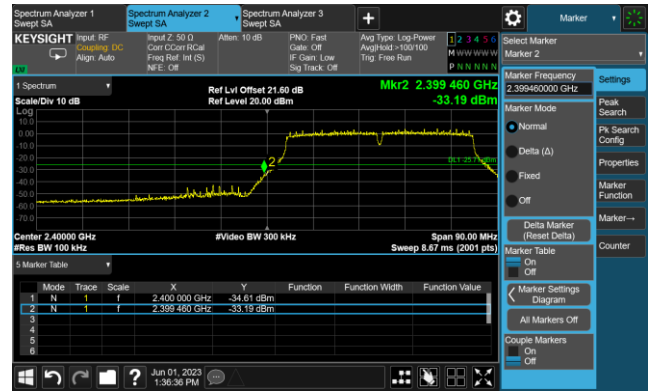
## 802.11n-HT40 Out-of-Band Emissions – Ant 1

## Channel 03 (2422MHz)

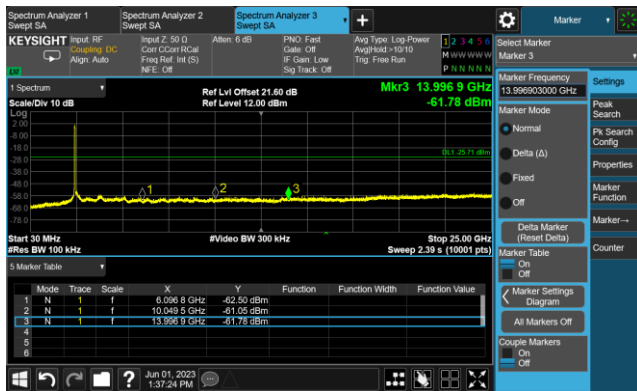
## 100kHz PSD Reference Level



## Low Band Edge



## Spurious Emission

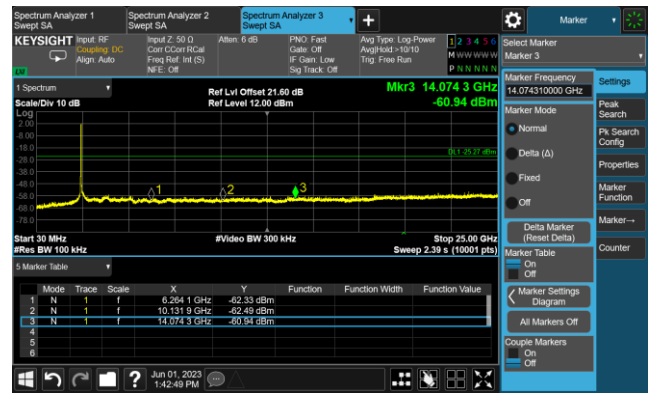


## Channel 06 (2437MHz)

## 100kHz PSD Reference Level



## Spurious Emission

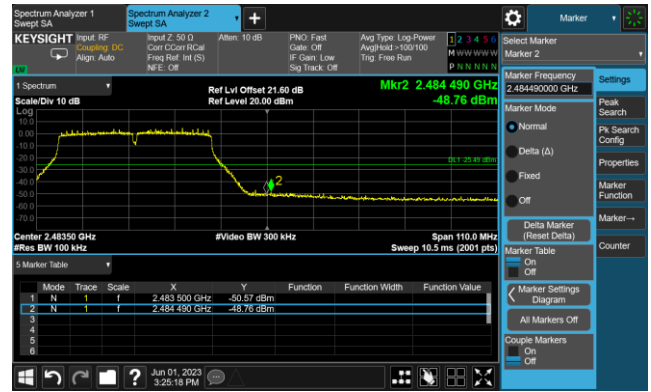


802.11n-HT40 Out-of-Band Emissions – Ant 1  
Channel 09 (2452MHz)

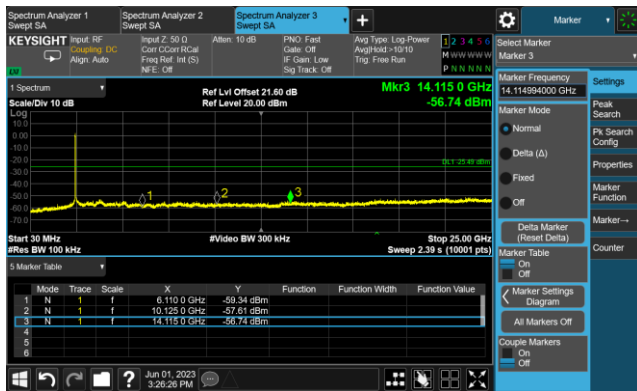
100kHz PSD Reference Level



High Band Edge



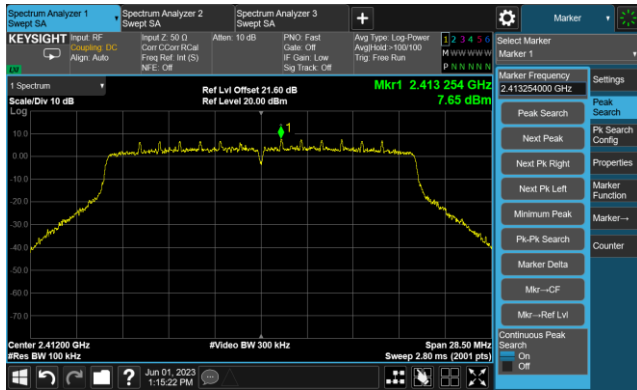
Spurious Emission



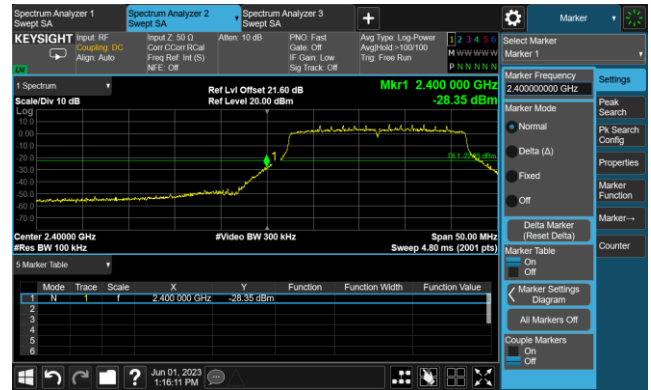
802.11ax-HE20 Out-of-Band Emissions – Ant 1

Channel 01 (2412MHz)

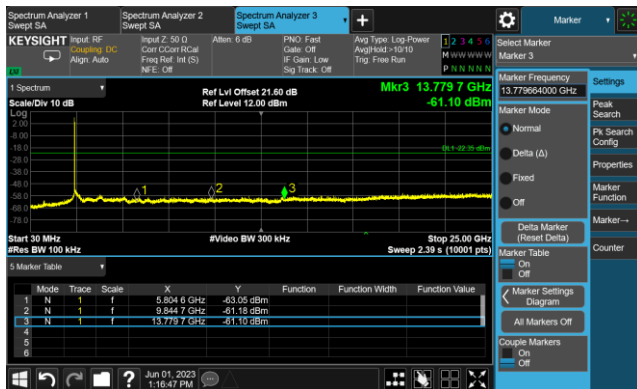
100kHz PSD Reference Level



Low Band Edge



Spurious Emission

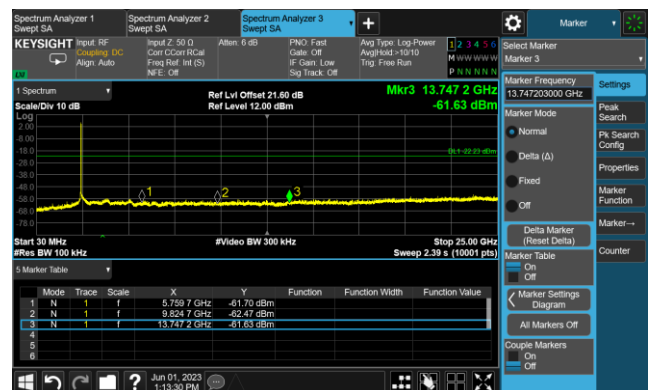


Channel 06 (2437MHz)

100kHz PSD Reference Level



Spurious Emission

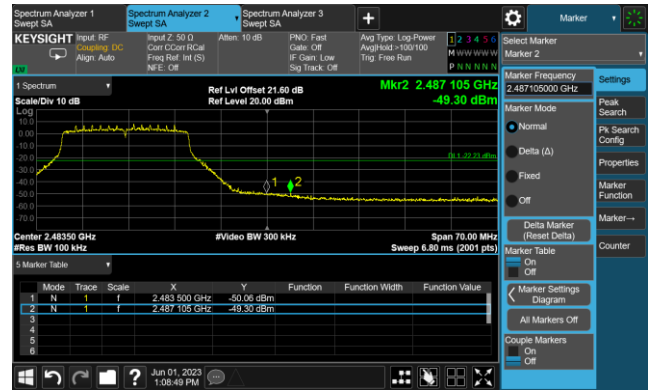


802.11ax-HE20 Out-of-Band Emissions – Ant 1  
Channel 11 (2462MHz)

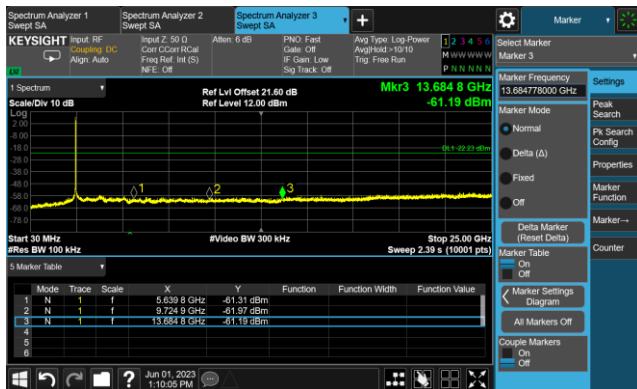
100kHz PSD Reference Level



High Band Edge



Spurious Emission



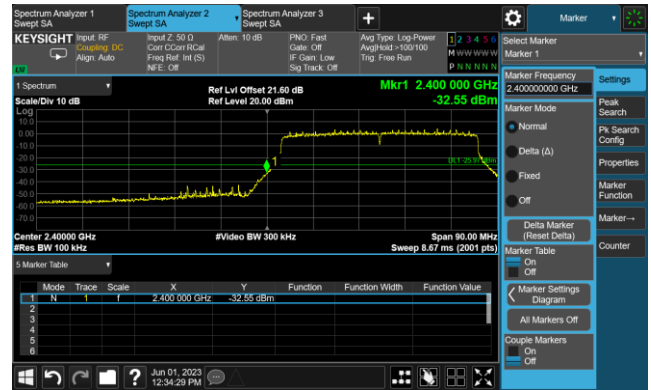
802.11ax-HE40 Out-of-Band Emissions – Ant 1

Channel 03 (2422MHz)

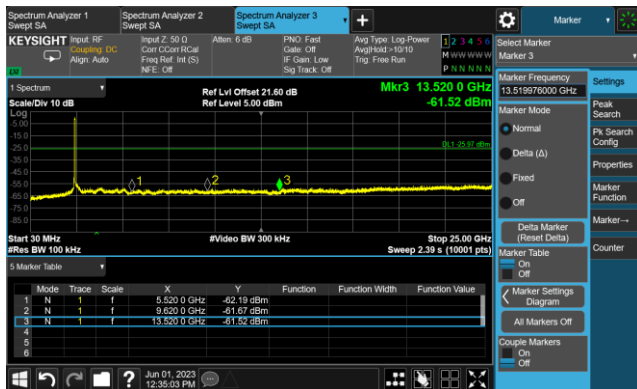
100kHz PSD Reference Level



Low Band Edge



Spurious Emission

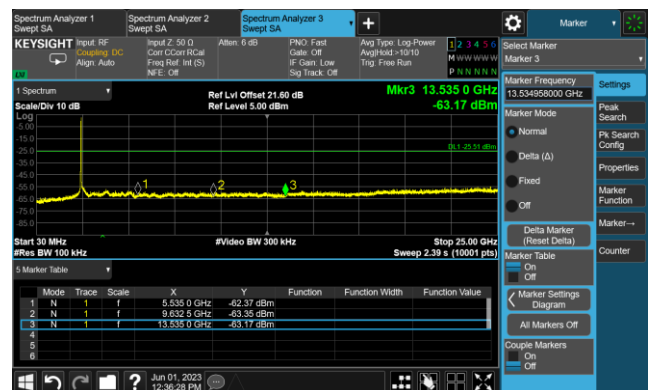


Channel 06 (2437MHz)

100kHz PSD Reference Level



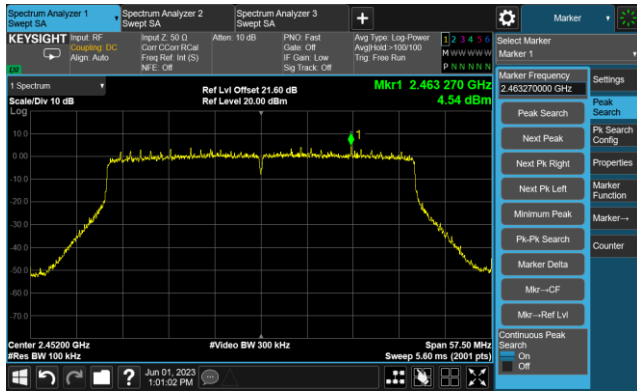
Spurious Emission



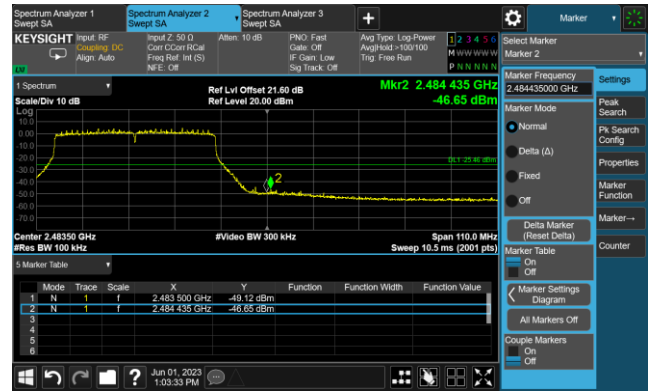
802.11ax-HE40 Out-of-Band Emissions – Ant 1

Channel 09 (2452MHz)

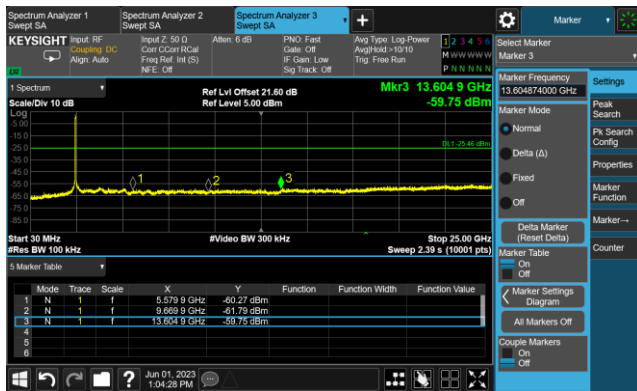
100kHz PSD Reference Level



High Band Edge



Spurious Emission



### A.6 Radiated Spurious Emission Test Result

#### Test data of OAW-AP1431:

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2023-06-02	Test Mode:	802.11b
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.		

Test Channel	Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
01	5080.0	38.8	2.2	41.0	74.0	-33.0	Peak	Horizontal
	7409.0	35.5	10.3	45.8	74.0	-28.2	Peak	Horizontal
	11251.0	35.6	15.5	51.1	74.0	-22.9	Peak	Horizontal
	4672.0	38.3	1.6	39.9	74.0	-34.1	Peak	Vertical
	7409.0	36.9	10.3	47.2	74.0	-26.8	Peak	Vertical
	11378.5	35.7	15.4	51.1	74.0	-22.9	Peak	Vertical
06	7502.5	37.1	9.9	47.0	74.0	-27.0	Peak	Horizontal
	9474.5	37.4	11.5	48.9	74.0	-25.1	Peak	Horizontal
	11931.0	36.0	14.3	50.3	74.0	-23.7	Peak	Horizontal
	4986.5	38.7	1.7	40.4	74.0	-33.6	Peak	Vertical
	7375.0	36.4	9.9	46.3	74.0	-27.7	Peak	Vertical
	12007.5	36.2	14.7	50.9	74.0	-23.1	Peak	Vertical
11	5003.5	39.4	1.9	41.3	74.0	-32.7	Peak	Horizontal
	7417.5	36.4	10.3	46.7	74.0	-27.3	Peak	Horizontal
	12160.5	35.7	15.2	50.9	74.0	-23.1	Peak	Horizontal
	4969.5	38.7	1.8	40.5	74.0	-33.5	Peak	Vertical
	7426.0	35.4	10.4	45.8	74.0	-28.2	Peak	Vertical
	11956.5	36.1	14.5	50.6	74.0	-23.4	Peak	Vertical

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2023-06-02	Test Mode:	802.11g
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.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	4986.5	38.7	1.7	40.4	74.0	-33.6	Peak	Horizontal
	7451.5	35.7	10.2	45.9	74.0	-28.1	Peak	Horizontal
	11871.5	36.8	14.5	51.3	74.0	-22.7	Peak	Horizontal
	4893.0	39.4	1.6	41.0	74.0	-33.0	Peak	Vertical
	8420.5	37.7	9.9	47.6	74.0	-26.4	Peak	Vertical
	11336.0	36.2	15.2	51.4	74.0	-22.6	Peak	Vertical
06	5054.5	38.9	2.0	40.9	74.0	-33.1	Peak	Horizontal
	8420.5	38.0	9.9	47.9	74.0	-26.1	Peak	Horizontal
	11276.5	35.1	15.5	50.6	74.0	-23.4	Peak	Horizontal
	4867.5	38.6	1.5	40.1	74.0	-33.9	Peak	Vertical
	7451.5	35.7	10.2	45.9	74.0	-28.1	Peak	Vertical
	11276.5	35.1	15.5	50.6	74.0	-23.4	Peak	Vertical
11	5105.5	39.0	2.4	41.4	74.0	-32.6	Peak	Horizontal
	7409.0	36.2	10.3	46.5	74.0	-27.5	Peak	Horizontal
	10809.0	35.5	14.9	50.4	74.0	-23.6	Peak	Horizontal
	4850.5	38.2	1.5	39.7	74.0	-34.3	Peak	Vertical
	7375.0	36.6	9.9	46.5	74.0	-27.5	Peak	Vertical
	11914.0	36.0	14.5	50.5	74.0	-23.5	Peak	Vertical

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)



Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2023-06-02	Test Mode:	802.11n-HT20
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.		

Test Channel	Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
01	4901.5	39.8	1.5	41.3	74.0	-32.7	Peak	Horizontal
	7341.0	35.9	10.0	45.9	74.0	-28.1	Peak	Horizontal
	10851.5	36.5	14.5	51.0	74.0	-23.0	Peak	Horizontal
	5105.5	38.1	2.4	40.5	74.0	-33.5	Peak	Vertical
	7494.0	36.7	10.0	46.7	74.0	-27.3	Peak	Vertical
	10766.5	36.4	14.6	51.0	74.0	-23.0	Peak	Vertical
06	4995.0	38.6	1.7	40.3	74.0	-33.7	Peak	Horizontal
	7383.5	37.4	9.9	47.3	74.0	-26.7	Peak	Horizontal
	11217.0	35.5	16.0	51.5	74.0	-22.5	Peak	Horizontal
	7366.5	36.4	9.9	46.3	74.0	-27.7	Peak	Vertical
	9109.0	36.4	12.3	48.7	74.0	-25.3	Peak	Vertical
	11395.5	35.7	15.2	50.9	74.0	-23.1	Peak	Vertical
11	5122.5	38.1	2.2	40.3	74.0	-33.7	Peak	Horizontal
	7613.0	36.4	9.8	46.2	74.0	-27.8	Peak	Horizontal
	11166.0	34.7	15.5	50.2	74.0	-23.8	Peak	Horizontal
	5139.5	38.2	2.4	40.6	74.0	-33.4	Peak	Vertical
	7264.5	36.3	9.4	45.7	74.0	-28.3	Peak	Vertical
	10766.5	35.8	14.6	50.4	74.0	-23.6	Peak	Vertical

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2023-06-02	Test Mode:	802.11n-HT40
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.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	7358.0	36.4	10.0	46.4	74.0	-27.6	Peak	Horizontal
	9415.0	38.1	11.7	49.8	74.0	-24.2	Peak	Horizontal
	11106.5	35.6	15.2	50.8	74.0	-23.2	Peak	Horizontal
	5097.0	38.2	2.5	40.7	74.0	-33.3	Peak	Vertical
	7468.5	35.6	10.2	45.8	74.0	-28.2	Peak	Vertical
	11225.5	34.4	15.8	50.2	74.0	-23.8	Peak	Vertical
06	4876.0	38.6	1.5	40.1	74.0	-33.9	Peak	Horizontal
	9372.5	37.1	11.8	48.9	74.0	-25.1	Peak	Horizontal
	11480.5	35.0	15.7	50.7	74.0	-23.3	Peak	Horizontal
	5148.0	38.4	2.6	41.0	74.0	-33.0	Peak	Vertical
	7417.5	36.1	10.3	46.4	74.0	-27.6	Peak	Vertical
	11200.0	35.2	15.6	50.8	74.0	-23.2	Peak	Vertical
09	4842.0	37.9	1.5	39.4	74.0	-34.6	Peak	Horizontal
	7417.5	35.4	10.3	45.7	74.0	-28.3	Peak	Horizontal
	11149.0	35.3	15.4	50.7	74.0	-23.3	Peak	Horizontal
	4825.0	38.6	1.7	40.3	74.0	-33.7	Peak	Vertical
	7375.0	35.8	9.9	45.7	74.0	-28.3	Peak	Vertical
	10809.0	36.0	14.9	50.9	74.0	-23.1	Peak	Vertical

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2023-06-02	Test Mode:	802.11ax-HE20
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.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	4689.0	37.1	1.8	38.9	74.0	-35.1	Peak	Horizontal
	7485.5	36.7	10.1	46.8	74.0	-27.2	Peak	Horizontal
	11225.5	35.7	15.8	51.5	74.0	-22.5	Peak	Horizontal
	5148.0	38.8	2.6	41.4	74.0	-32.6	Peak	Vertical
	7460.0	36.5	10.3	46.8	74.0	-27.2	Peak	Vertical
	11200.0	35.7	15.6	51.3	74.0	-22.7	Peak	Vertical
06	7349.5	35.8	10.0	45.8	74.0	-28.2	Peak	Horizontal
	9389.5	37.9	11.7	49.6	74.0	-24.4	Peak	Horizontal
	11217.0	34.8	16.0	50.8	74.0	-23.2	Peak	Horizontal
	4969.5	38.5	1.8	40.3	74.0	-33.7	Peak	Vertical
	7451.5	35.9	10.2	46.1	74.0	-27.9	Peak	Vertical
	10809.0	35.4	14.9	50.3	74.0	-23.7	Peak	Vertical
11	4663.5	37.8	1.5	39.3	74.0	-34.7	Peak	Horizontal
	7332.5	36.3	9.8	46.1	74.0	-27.9	Peak	Horizontal
	11378.5	35.5	15.4	50.9	74.0	-23.1	Peak	Horizontal
	5114.0	38.4	2.2	40.6	74.0	-33.4	Peak	Vertical
	7341.0	37.0	10.0	47.0	74.0	-27.0	Peak	Vertical
	10707.0	35.8	14.4	50.2	74.0	-23.8	Peak	Vertical

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Test Site	NS-AC1	Test Engineer	Ted Chen
Test Date	2023-06-02	Test Mode:	802.11ax-HE40
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.		

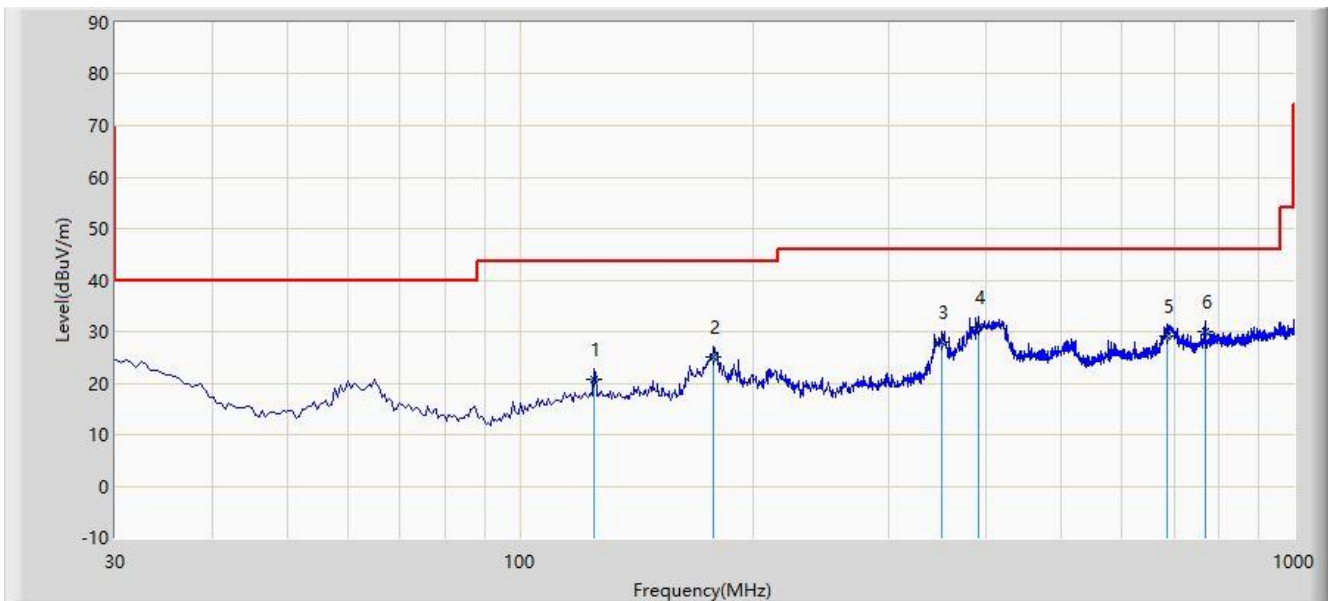
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	5080.0	39.5	2.2	41.7	74.0	-32.3	Peak	Horizontal
	7494.0	36.3	10.0	46.3	74.0	-27.7	Peak	Horizontal
	12118.0	36.3	14.8	51.1	74.0	-22.9	Peak	Horizontal
	4893.0	38.3	1.6	39.9	74.0	-34.1	Peak	Vertical
	7460.0	36.1	10.3	46.4	74.0	-27.6	Peak	Vertical
	11166.0	35.5	15.5	51.0	74.0	-23.0	Peak	Vertical
06	5080.0	39.5	2.2	41.7	74.0	-32.3	Peak	Horizontal
	7494.0	36.3	10.0	46.3	74.0	-27.7	Peak	Horizontal
	12118.0	36.3	14.8	51.1	74.0	-22.9	Peak	Horizontal
	4893.0	38.3	1.6	39.9	74.0	-34.1	Peak	Vertical
	7460.0	36.1	10.3	46.4	74.0	-27.6	Peak	Vertical
	11166.0	35.5	15.5	51.0	74.0	-23.0	Peak	Vertical
09	4842.0	38.6	1.5	40.1	74.0	-33.9	Peak	Horizontal
	7358.0	36.1	10.0	46.1	74.0	-27.9	Peak	Horizontal
	11157.5	36.1	15.5	51.6	74.0	-22.4	Peak	Horizontal
	4825.0	38.0	1.7	39.7	74.0	-34.3	Peak	Vertical
	7434.5	35.7	10.2	45.9	74.0	-28.1	Peak	Vertical
	10724.0	35.8	14.5	50.3	74.0	-23.7	Peak	Vertical

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

**The Result of Radiated Emission below 1GHz:**

Site: NS-AC1	Test Date: 2023-06-07
Limit: FCC_Part15.209_RSE(3m)	Engineer: Ted Chen
Probe: NS-AC1_JB1	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		124.575	20.686	2.017	-22.814	43.500	18.669	QP
2		177.925	24.979	8.922	-18.521	43.500	16.057	QP
3		350.585	27.993	8.553	-18.007	46.000	19.440	QP
4	*	390.840	30.889	10.495	-15.111	46.000	20.395	QP
5		684.750	29.204	3.342	-16.796	46.000	25.862	QP
6		768.170	30.120	3.095	-15.880	46.000	27.025	QP

Note 1: " \* ", means this data is the worst emission level.

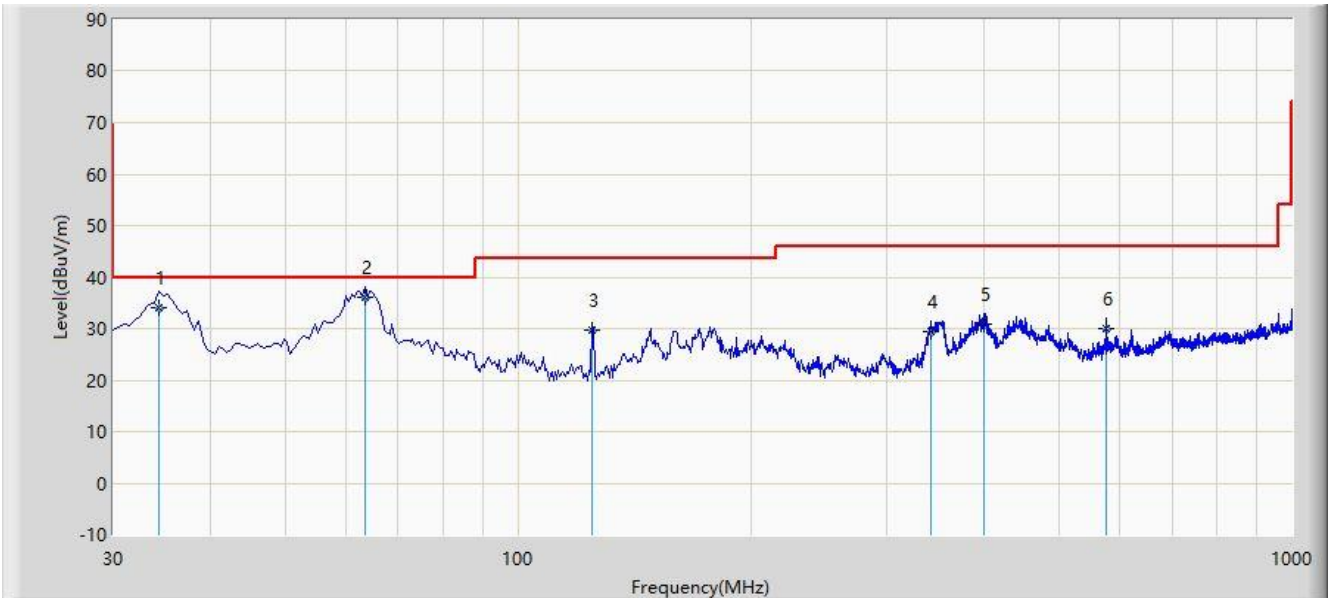
Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: NS-AC1	Test Date: 2023-06-07
Limit: FCC_Part15.209_RSE(3m)	Engineer: Ted Chen
Probe: NS-AC1_JB1	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		34.365	34.115	11.800	-5.885	40.000	22.315	QP
2	*	63.465	36.052	23.822	-3.948	40.000	12.230	QP
3		124.575	29.607	10.938	-13.893	43.500	18.669	QP
4		341.855	29.351	10.175	-16.649	46.000	19.176	QP
5		399.570	30.894	10.175	-15.106	46.000	20.719	QP
6		576.110	29.914	5.713	-16.086	46.000	24.201	QP

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

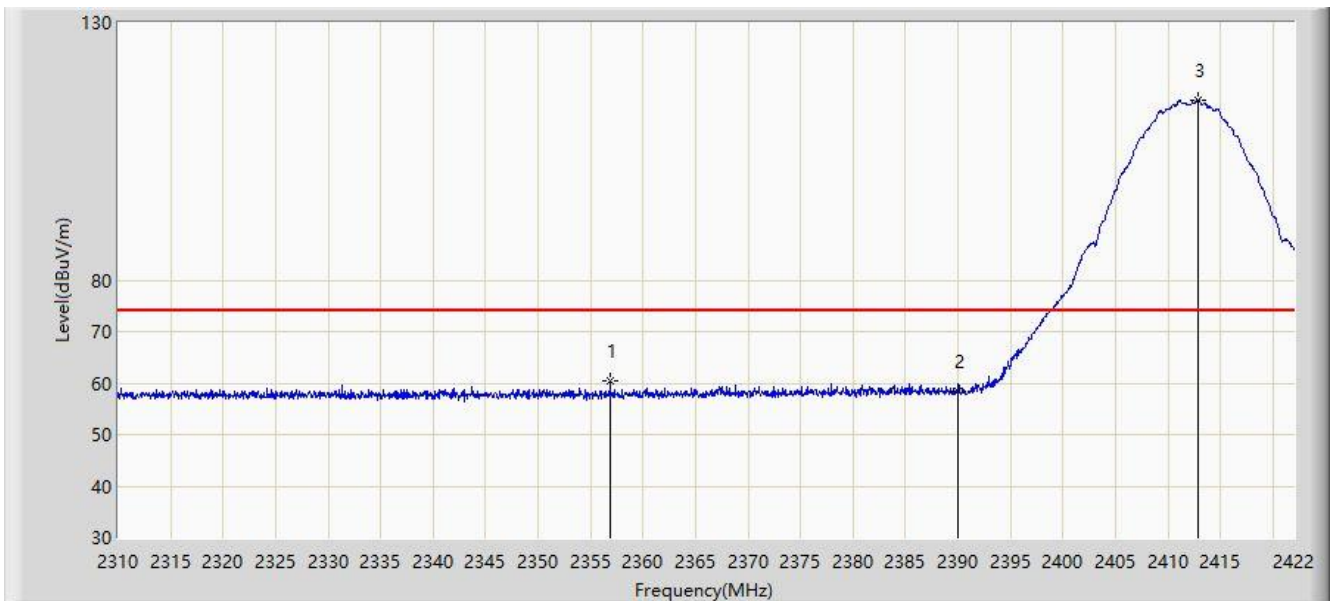
**Spot Check Test Data of OAW-AP1411:**

Test Site	WZ-AC1	Test Engineer	Carl Jiang
Test Date	2023-06-19	Test Mode:	802.11ax-HE40
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.		

Test Channel	Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB/m)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
09	4842.0	37.2	3.0	40.2	74.0	-33.8	Peak	Horizontal
	7358.0	35.4	8.4	43.8	74.0	-30.2	Peak	Horizontal
	11157.5	34.6	13.2	47.8	74.0	-26.2	Peak	Horizontal
	4825.0	36.0	3.0	39.0	74.0	-35.0	Peak	Vertical
	7434.5	34.6	8.4	43.0	74.0	-31.0	Peak	Vertical
	10724.0	34.7	13.5	48.2	74.0	-25.8	Peak	Vertical

### A.7 Radiated Restricted Band Edge Test Result

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2356.872	60.296	29.442	-13.704	74.000	30.854	PK
2		2390.000	58.286	27.435	-15.714	74.000	30.850	PK
3		2412.872	114.992	84.141	N/A	N/A	30.851	PK

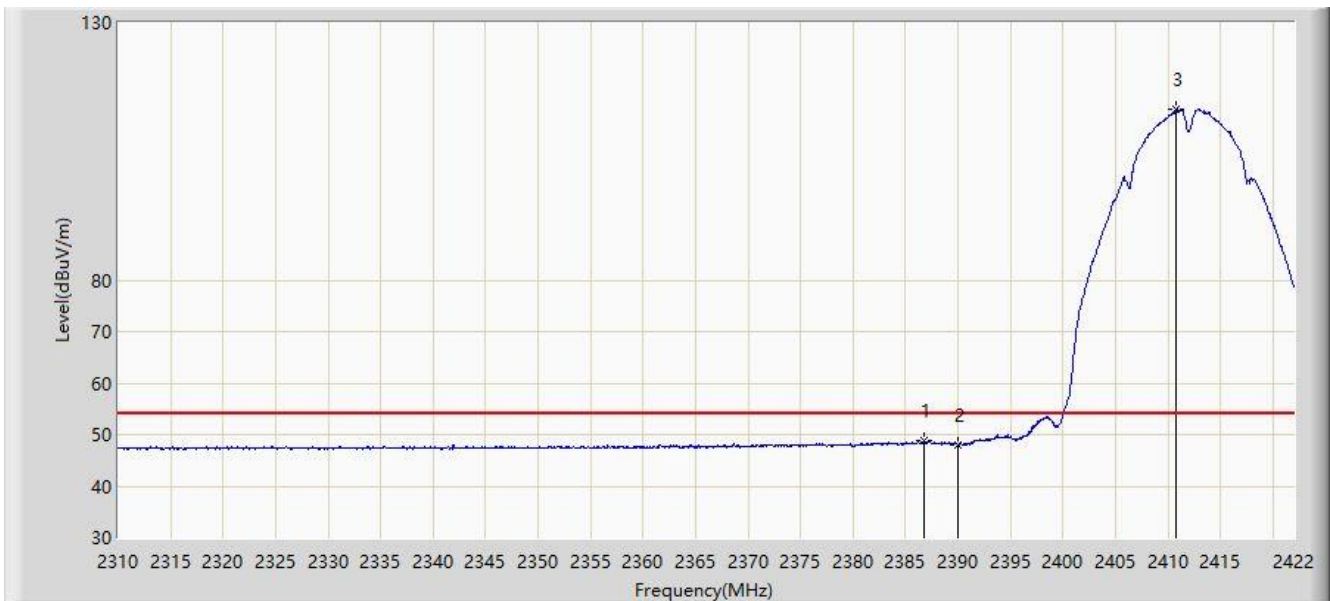
Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).



Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



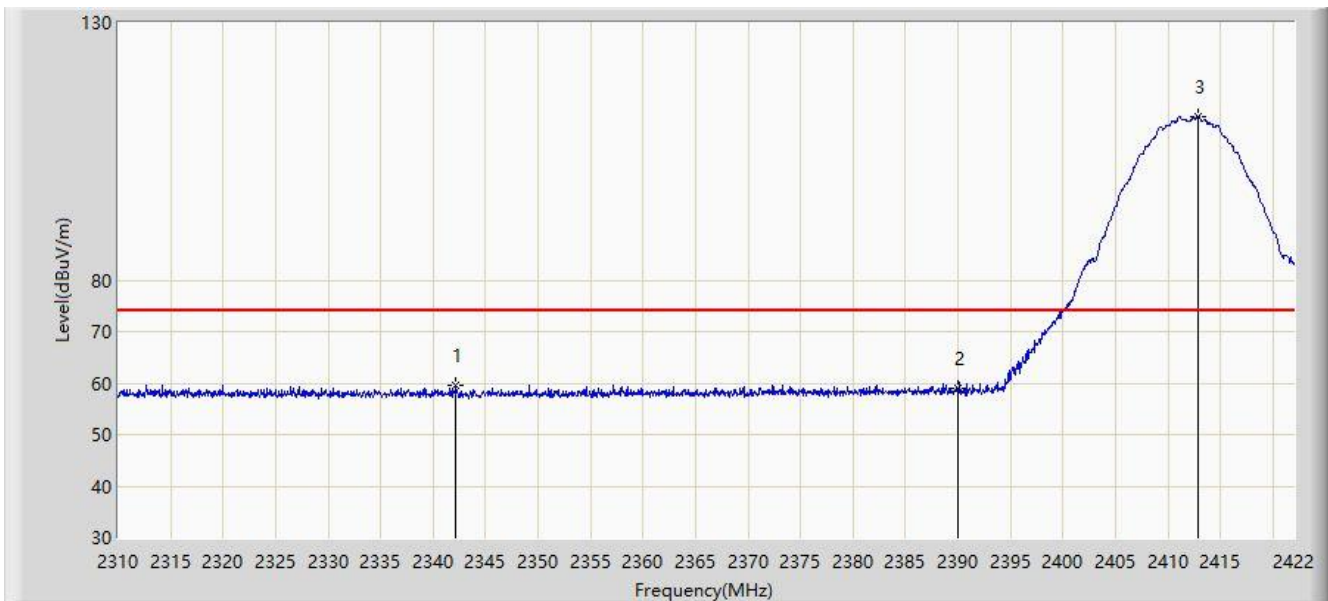
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2386.776	48.764	17.885	-5.236	54.000	30.879	AV
2		2390.000	48.072	17.221	-5.928	54.000	30.850	AV
3		2410.800	113.162	82.299	N/A	N/A	30.863	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



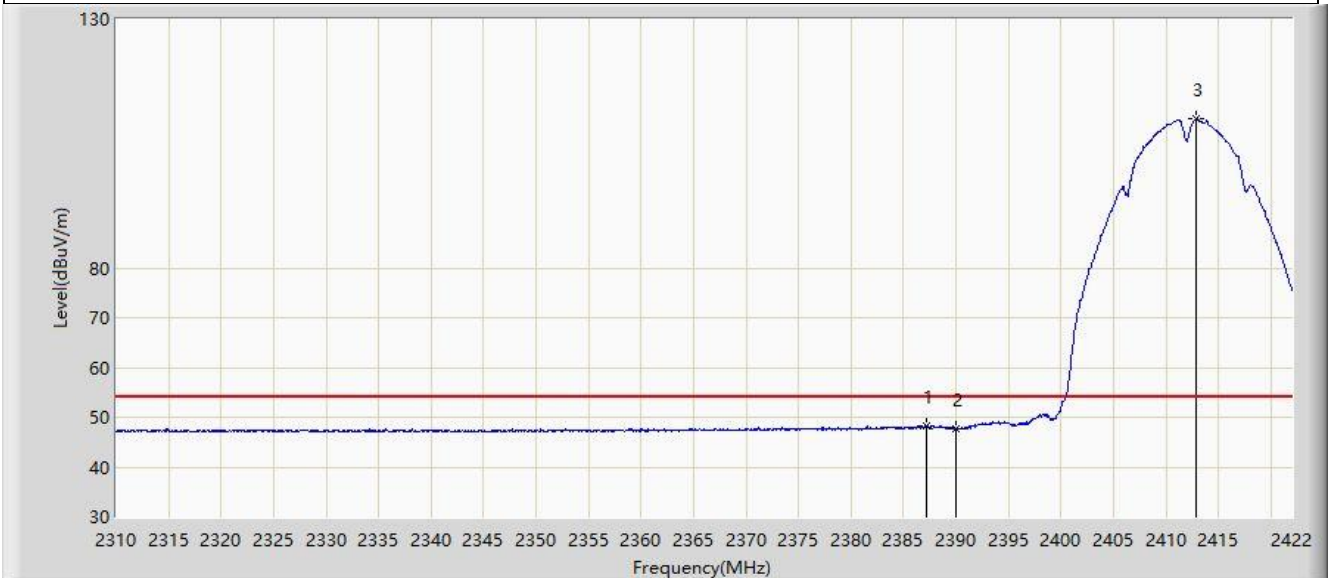
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2342.200	59.666	28.720	-14.334	74.000	30.946	PK
2		2390.000	58.852	28.001	-15.148	74.000	30.850	PK
3		2412.872	111.840	80.989	N/A	N/A	30.851	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



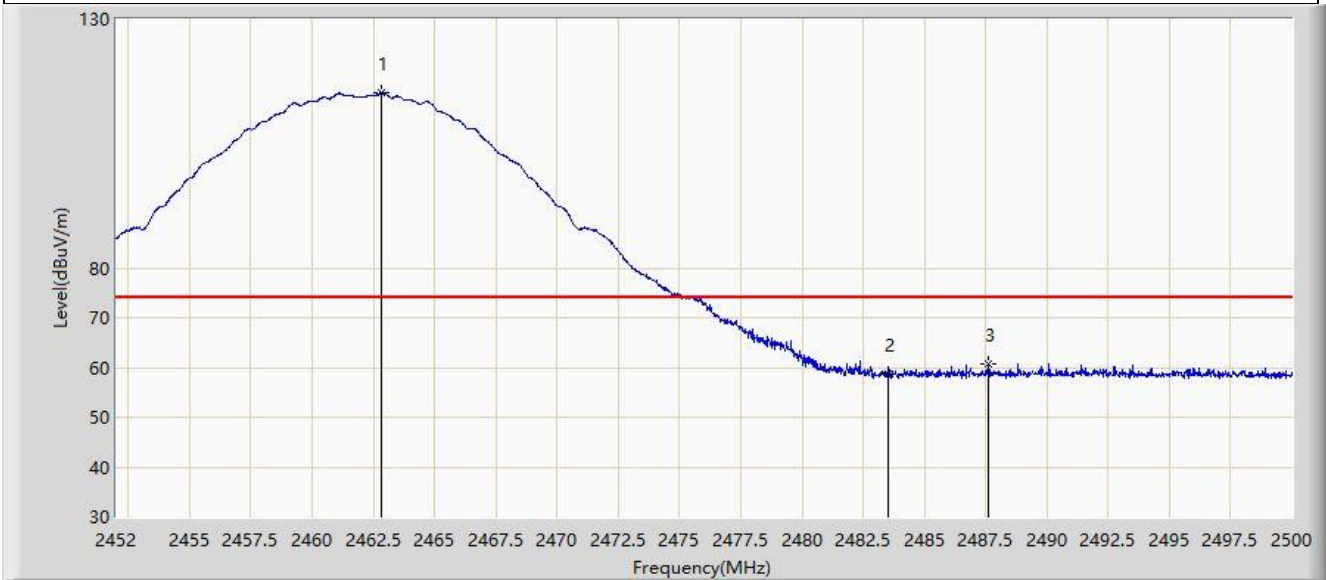
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2387.168	48.354	17.479	-5.646	54.000	30.875	AV
2		2390.000	47.716	16.865	-6.284	54.000	30.850	AV
3		2412.928	109.979	79.129	N/A	N/A	30.850	AV

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



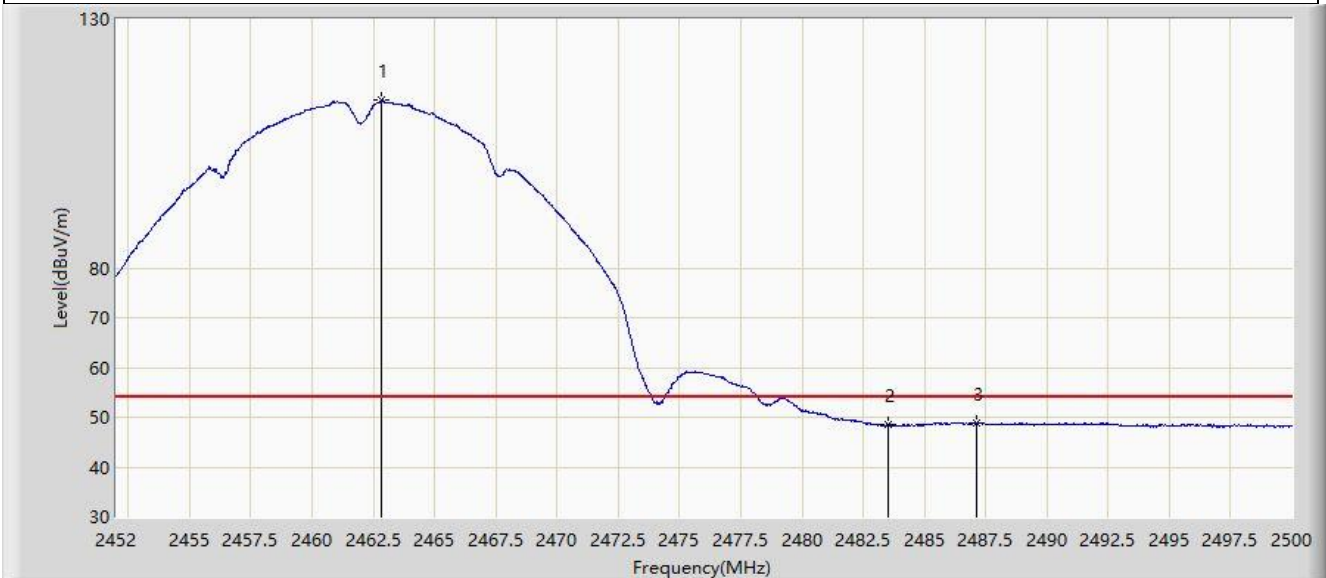
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2462.848	115.243	84.369	N/A	N/A	30.874	PK
2		2483.500	58.641	27.879	-15.359	74.000	30.761	PK
3	*	2487.616	60.665	29.901	-13.335	74.000	30.764	PK

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



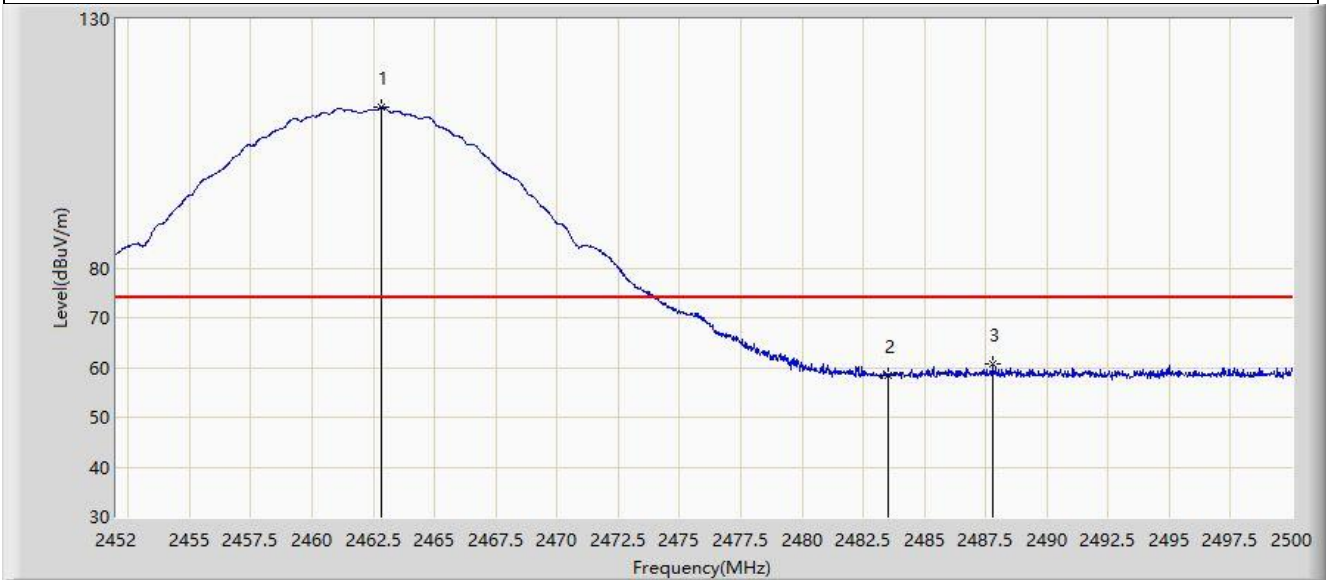
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2462.848	113.684	82.810	N/A	N/A	30.874	AV
2		2483.500	48.607	17.845	-5.393	54.000	30.761	AV
3	*	2487.112	48.954	18.191	-5.046	54.000	30.763	AV

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



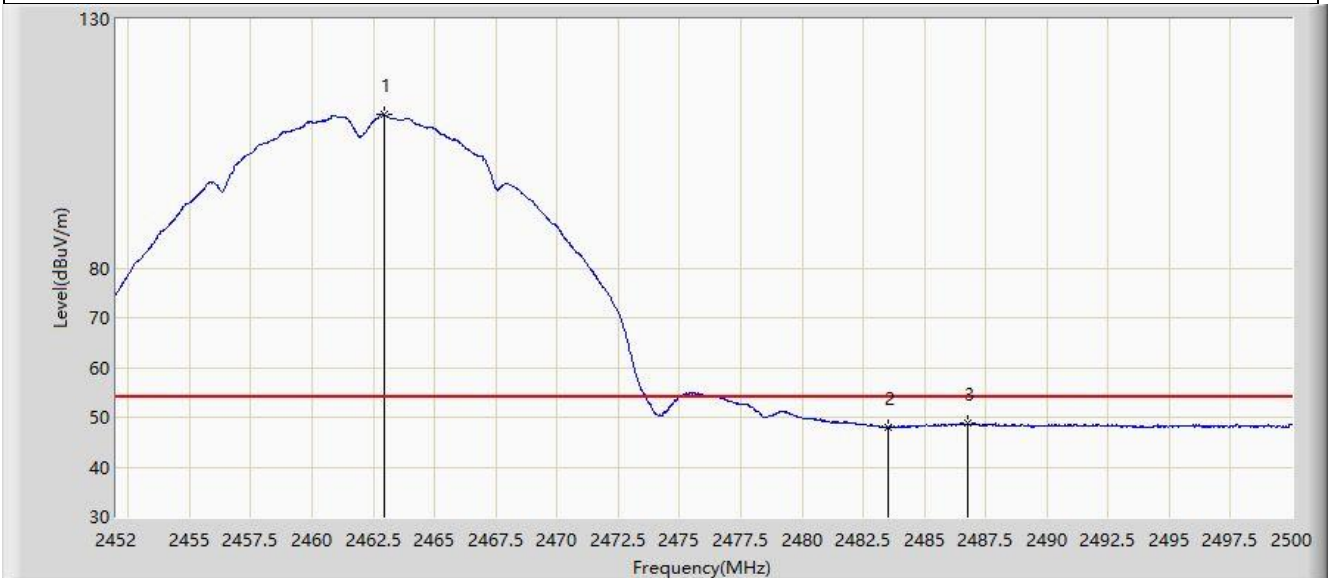
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2462.848	112.270	81.396	N/A	N/A	30.874	PK
2		2483.500	58.281	27.519	-15.719	74.000	30.761	PK
3	*	2487.784	60.618	29.854	-13.382	74.000	30.764	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



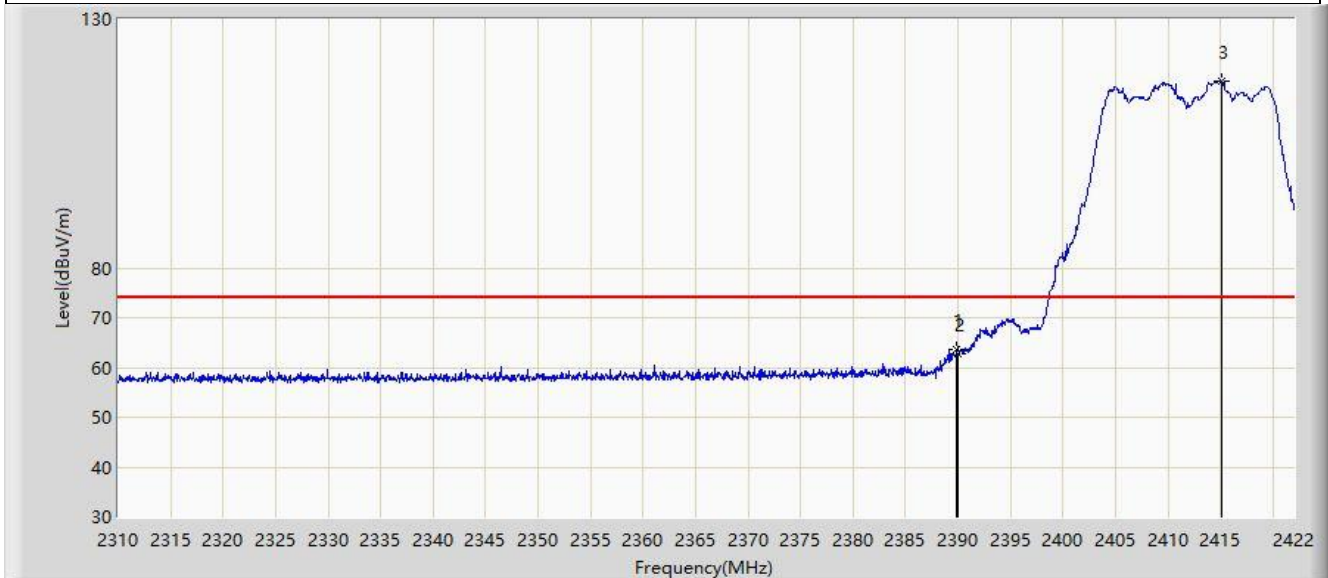
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2462.944	110.924	80.051	N/A	N/A	30.873	AV
2		2483.500	48.054	17.292	-5.946	54.000	30.761	AV
3	*	2486.752	48.744	17.981	-5.256	54.000	30.763	AV

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2389.856	63.616	32.764	-10.384	74.000	30.852	PK
2		2390.000	62.636	31.785	-11.364	74.000	30.850	PK
3		2415.168	117.678	86.844	N/A	N/A	30.834	PK

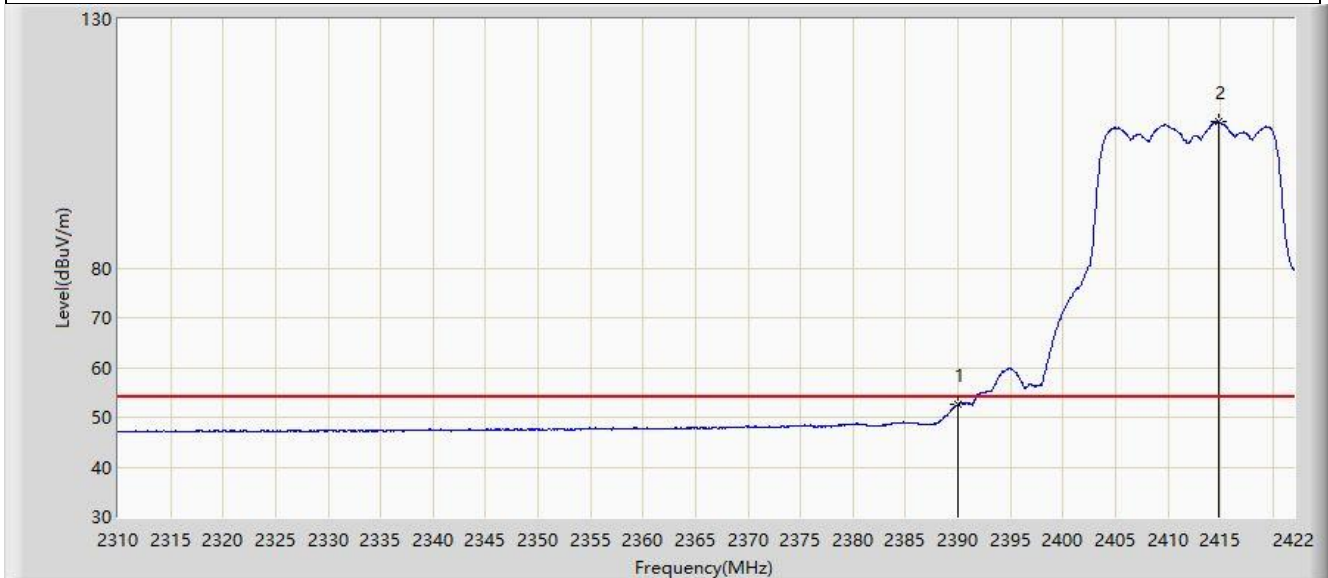
Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).



Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



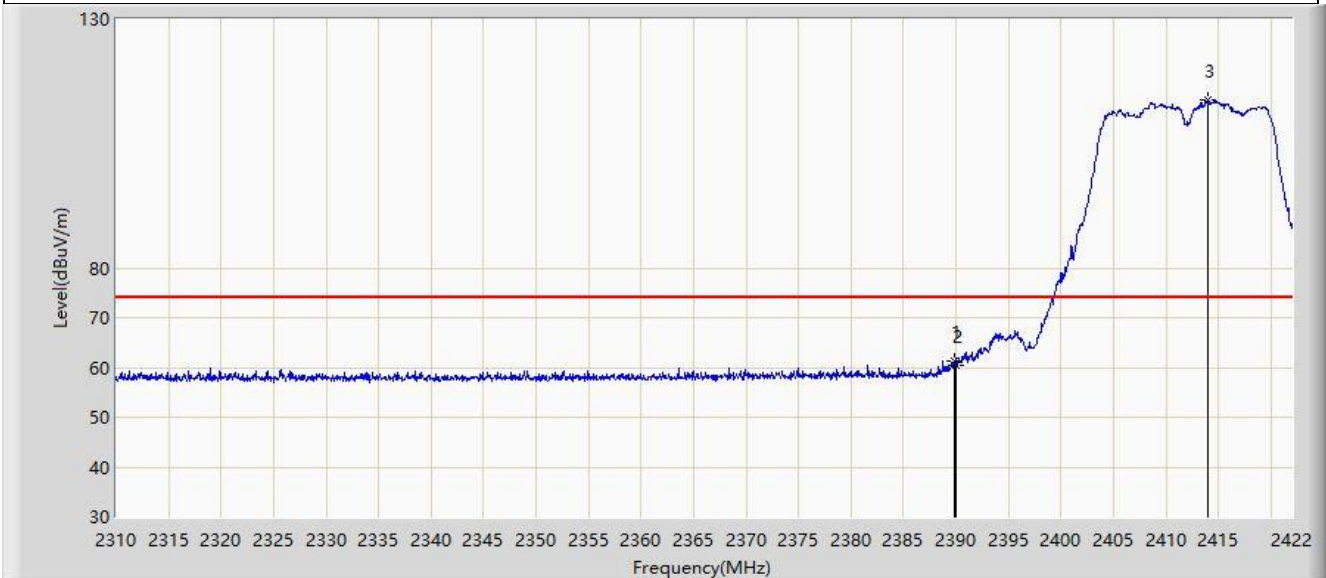
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	52.525	21.674	-1.475	54.000	30.850	AV
2		2414.776	109.387	78.550	N/A	N/A	30.837	AV

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



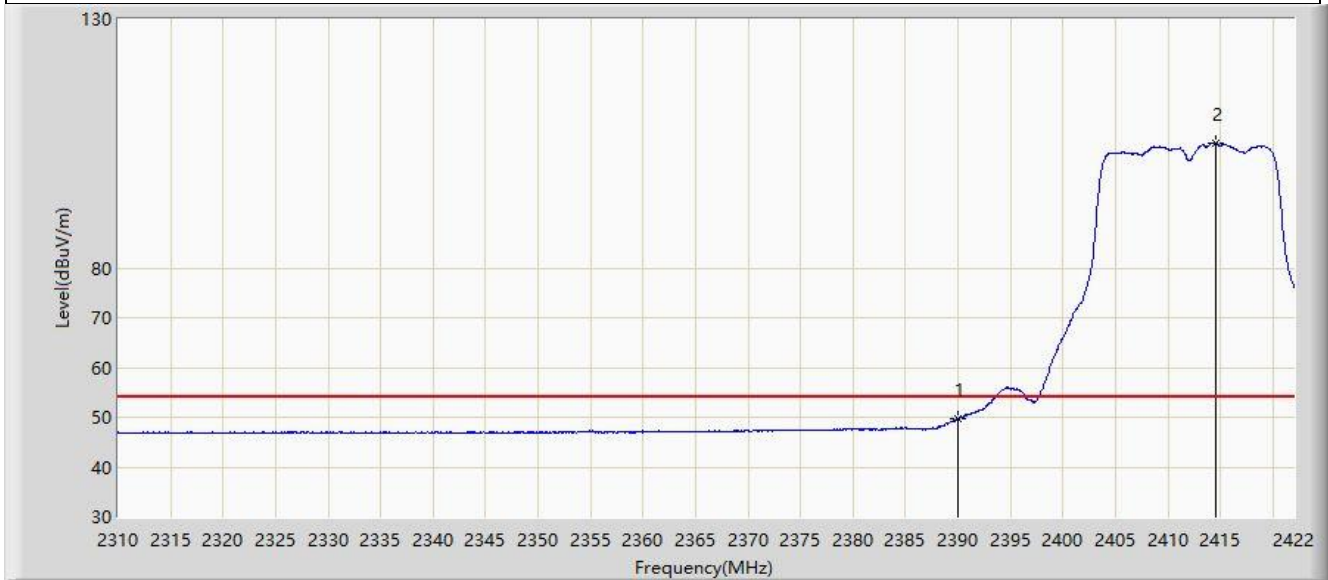
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2389.800	61.438	30.585	-12.562	74.000	30.853	PK
2		2390.000	60.543	29.692	-13.457	74.000	30.850	PK
3		2413.992	113.899	83.056	N/A	N/A	30.843	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



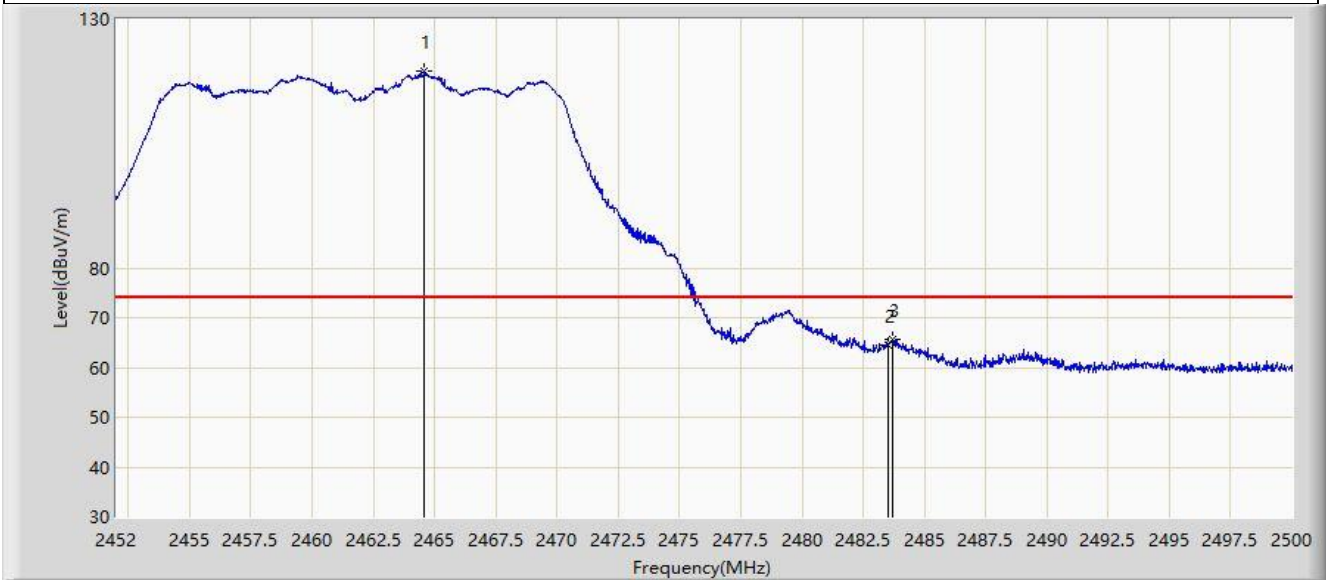
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	49.673	18.822	-4.327	54.000	30.850	AV
2		2414.496	105.206	74.367	N/A	N/A	30.839	AV

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2462MHz	



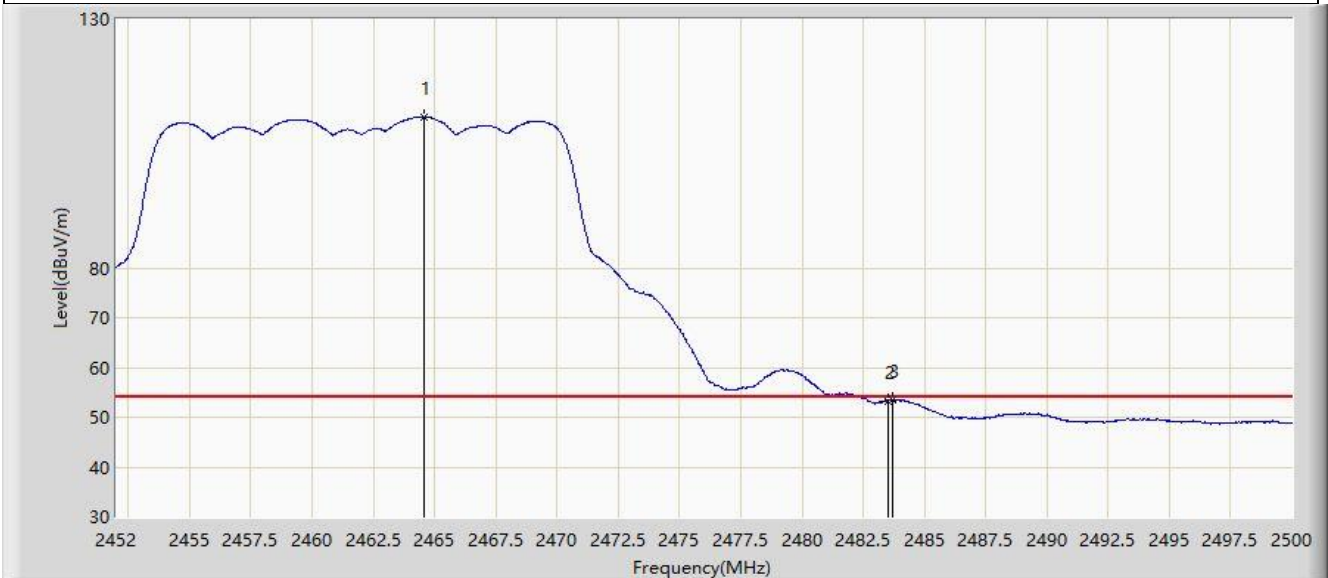
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2464.600	119.624	88.762	N/A	N/A	30.861	PK
2		2483.500	64.502	33.740	-9.498	74.000	30.761	PK
3	*	2483.704	65.670	34.908	-8.330	74.000	30.762	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2462MHz	



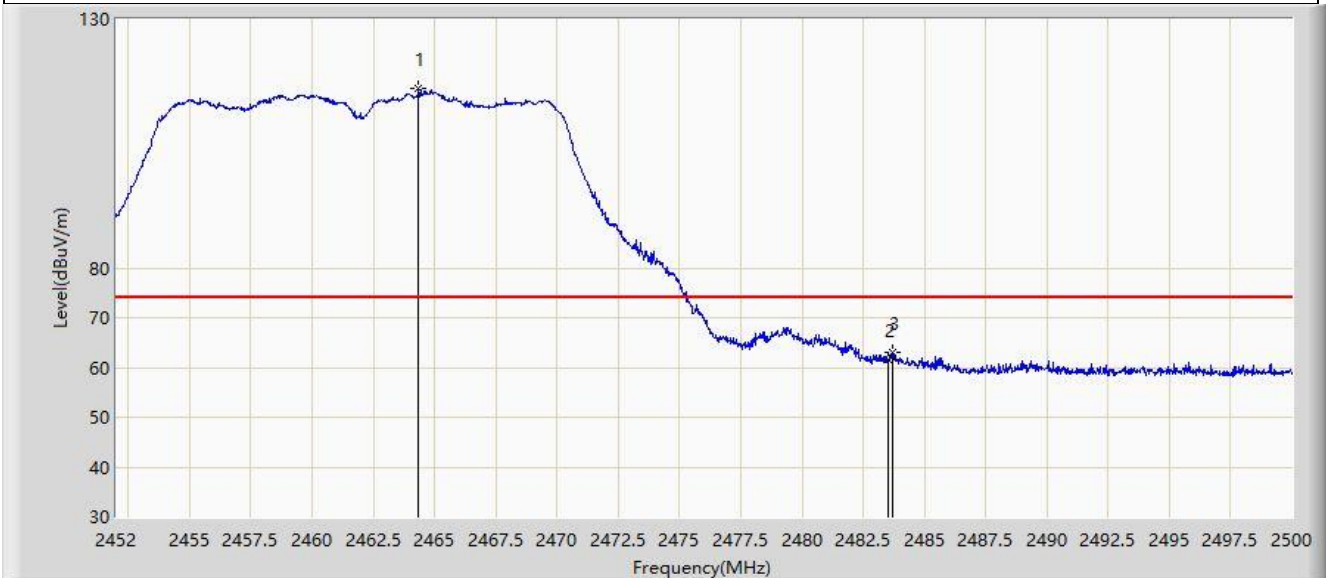
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2464.600	110.433	79.571	N/A	N/A	30.861	AV
2		2483.500	53.327	22.565	-0.673	54.000	30.761	AV
3	*	2483.680	53.541	22.779	-0.459	54.000	30.762	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2462MHz	



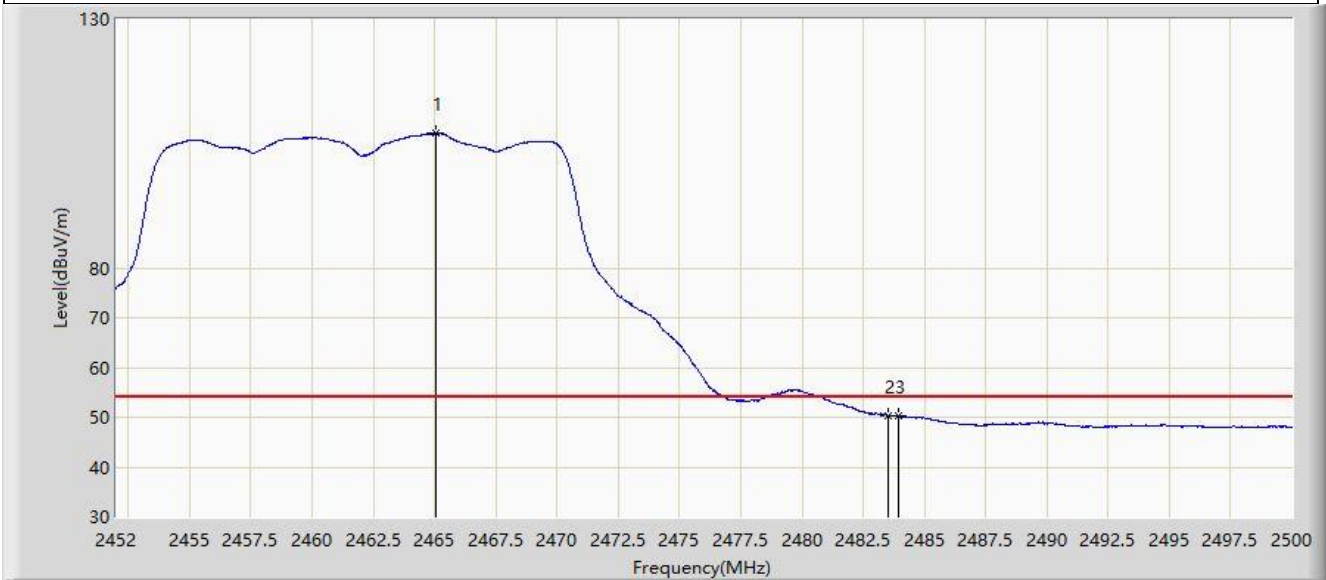
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2464.336	116.031	85.167	N/A	N/A	30.864	PK
2		2483.500	61.732	30.970	-12.268	74.000	30.761	PK
3	*	2483.728	63.162	32.400	-10.838	74.000	30.762	PK

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2462MHz	



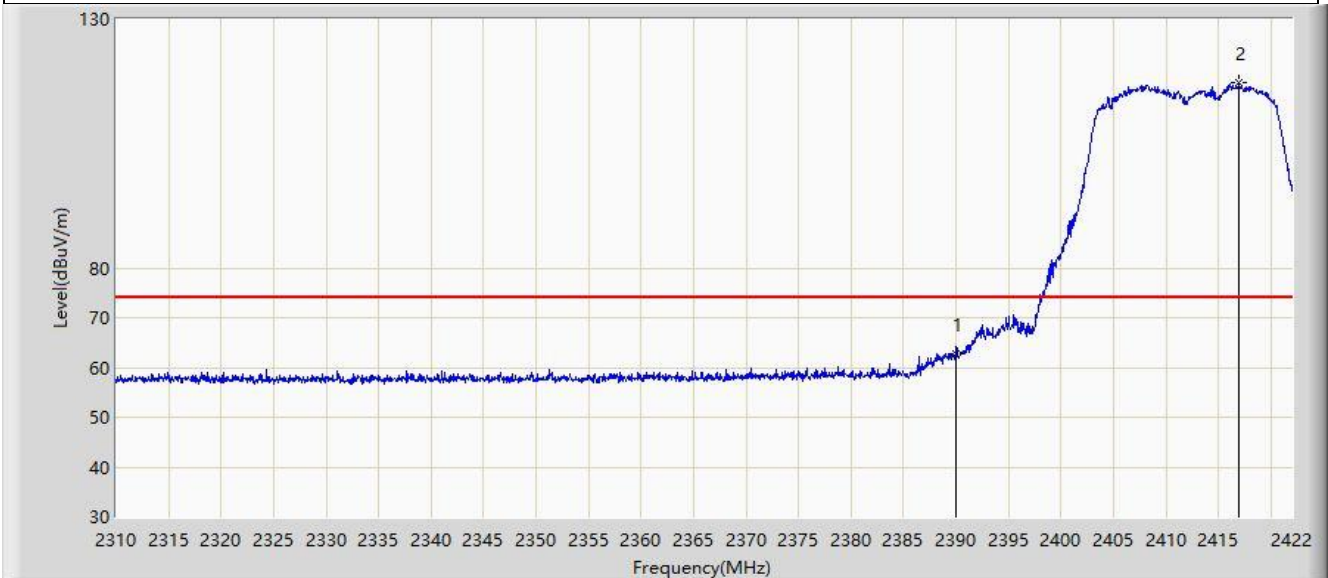
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2465.032	107.016	76.157	N/A	N/A	30.859	AV
2		2483.500	50.335	19.573	-3.665	54.000	30.761	AV
3	*	2483.944	50.424	19.662	-3.576	54.000	30.762	AV

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2390.000	62.895	32.044	-11.105	74.000	30.850	PK
2		2417.016	117.228	86.407	N/A	N/A	30.821	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).



Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2412MHz	



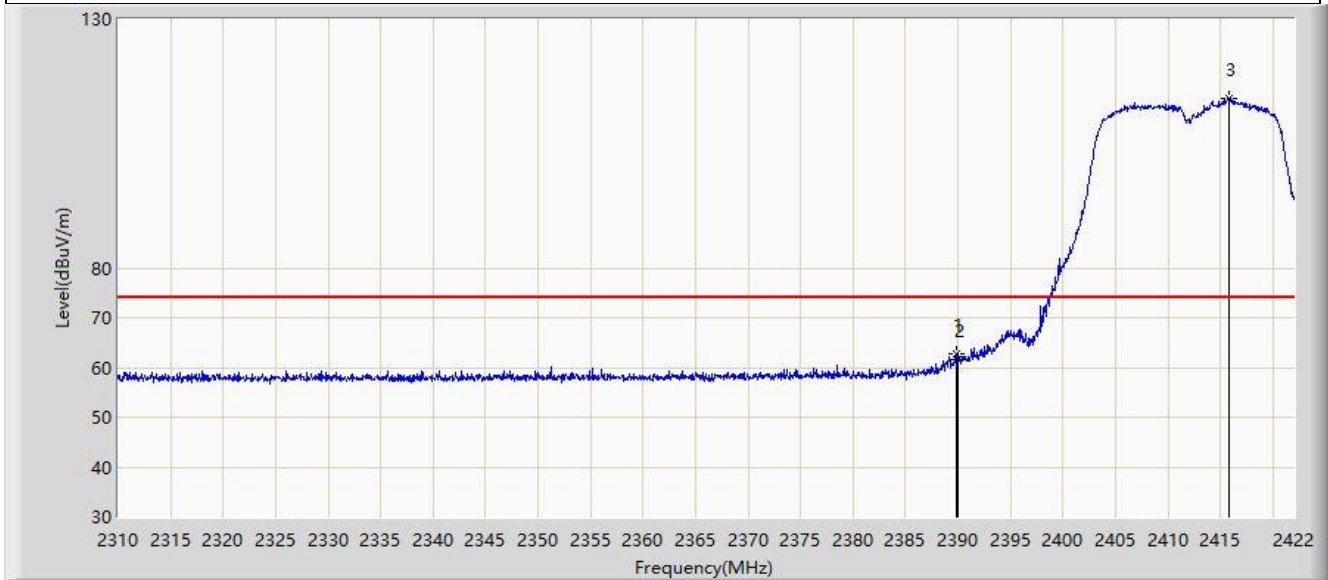
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2389.296	52.257	21.400	-1.743	54.000	30.857	AV
2		2390.000	52.037	21.186	-1.963	54.000	30.850	AV
3		2417.184	108.410	77.590	N/A	N/A	30.820	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2412MHz	



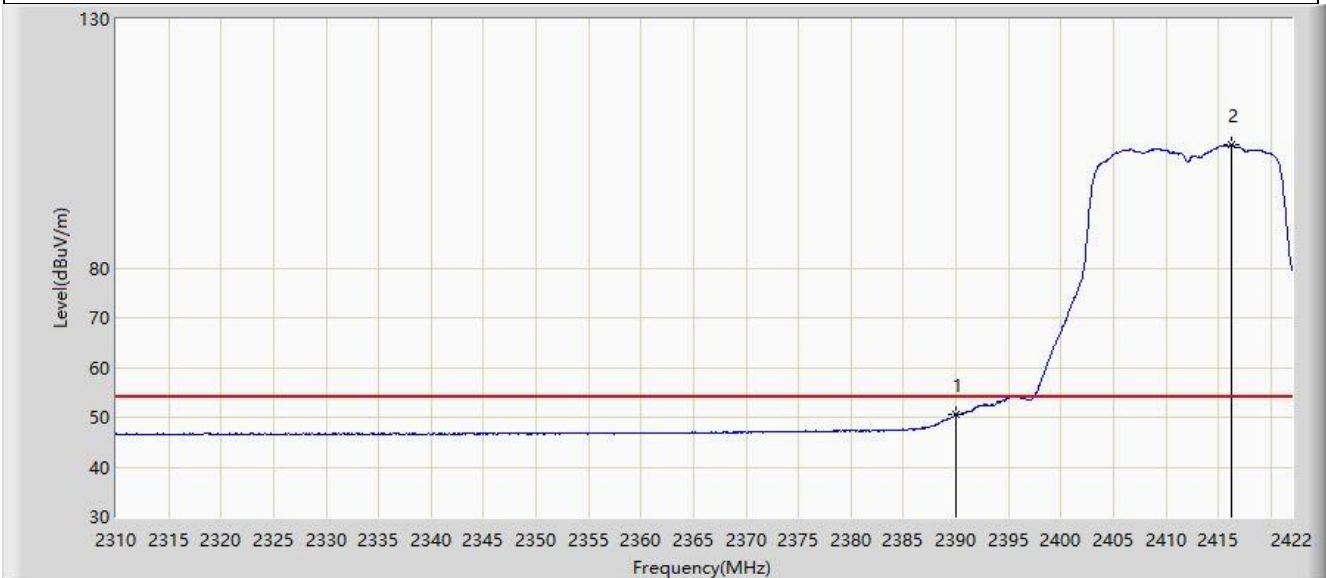
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2389.912	62.829	31.977	-11.171	74.000	30.852	PK
2		2390.000	61.694	30.843	-12.306	74.000	30.850	PK
3		2415.840	114.085	83.255	N/A	N/A	30.830	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2412MHz	



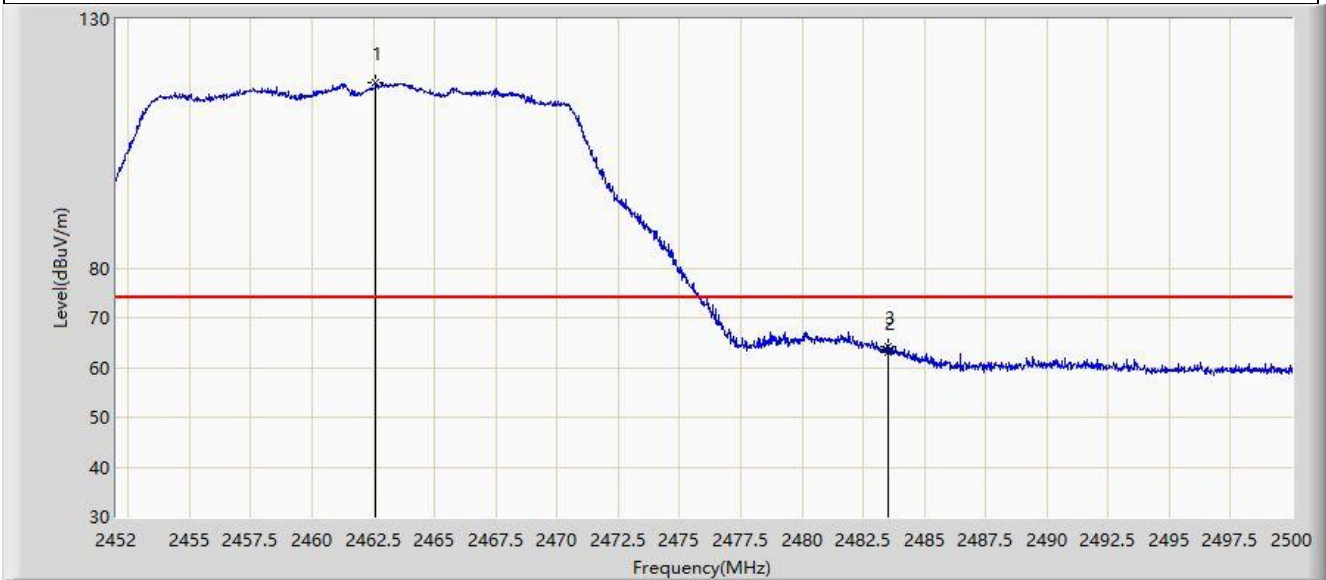
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	50.500	19.649	-3.500	54.000	30.850	AV
2		2416.288	104.715	73.889	N/A	N/A	30.826	AV

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2462MHz	



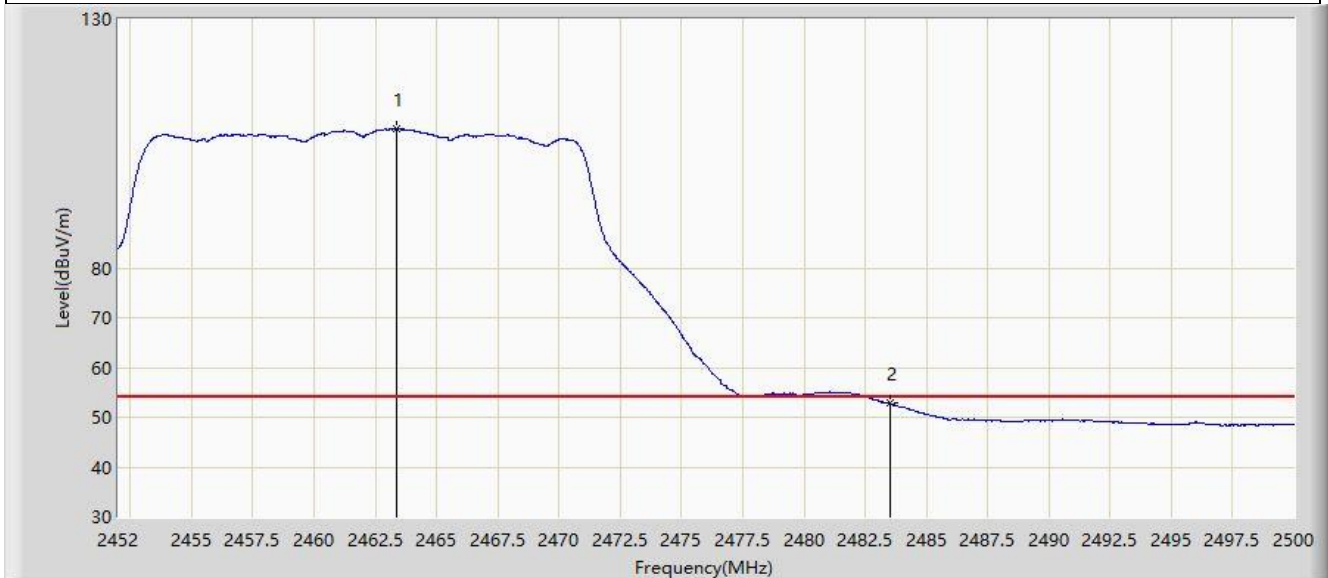
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2462.608	117.224	86.348	N/A	N/A	30.875	PK
2		2483.500	63.139	32.377	-10.861	74.000	30.761	PK
3	*	2483.536	64.087	33.325	-9.913	74.000	30.762	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2462MHz	



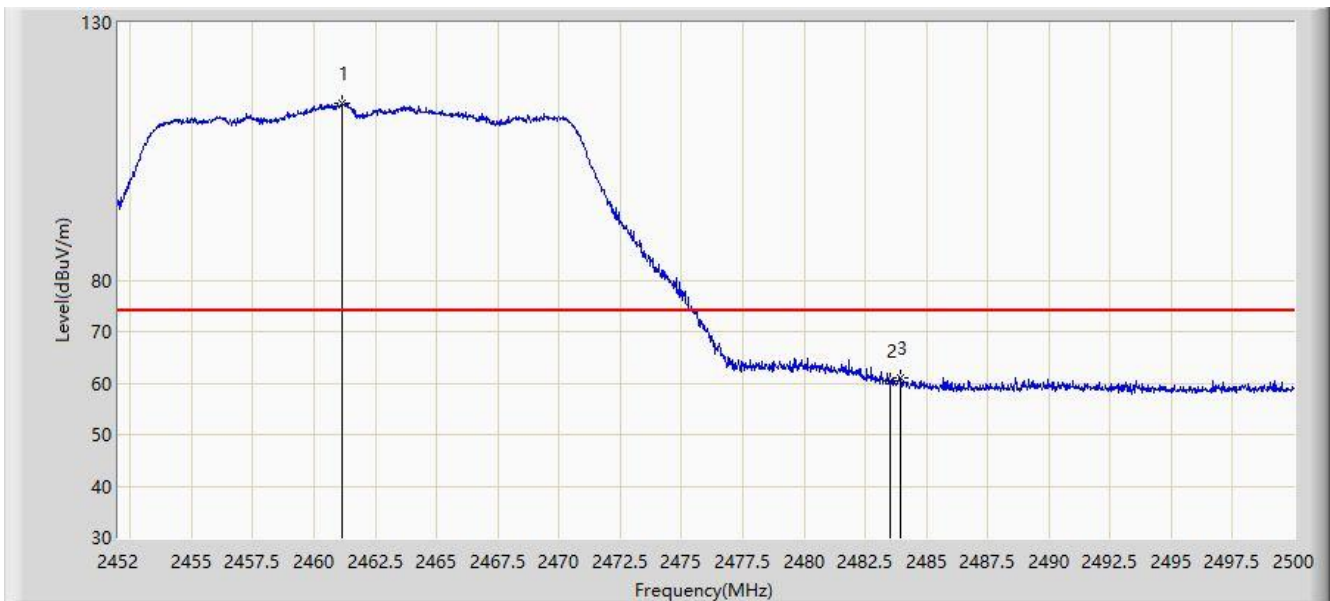
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2463.376	107.948	77.078	N/A	N/A	30.871	AV
2	*	2483.500	52.770	22.008	-1.230	54.000	30.761	AV

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2462MHz	



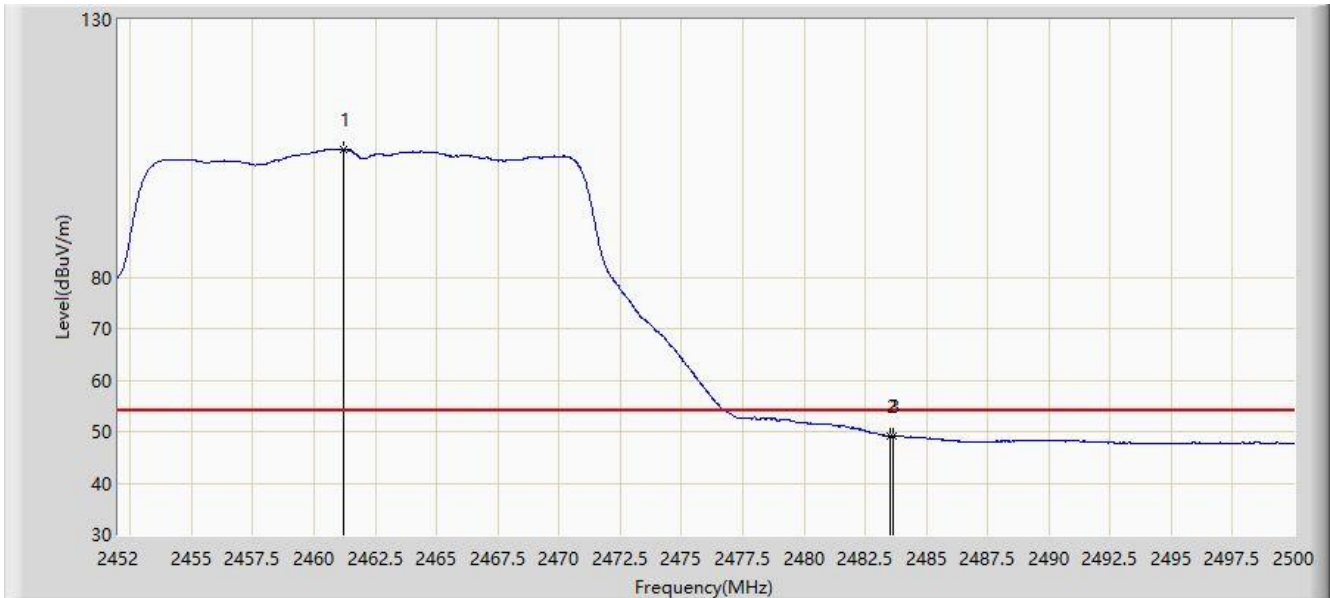
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2461.168	114.392	83.513	N/A	N/A	30.879	PK
2		2483.500	60.334	29.572	-13.666	74.000	30.761	PK
3	*	2483.968	61.159	30.397	-12.841	74.000	30.762	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2462MHz	



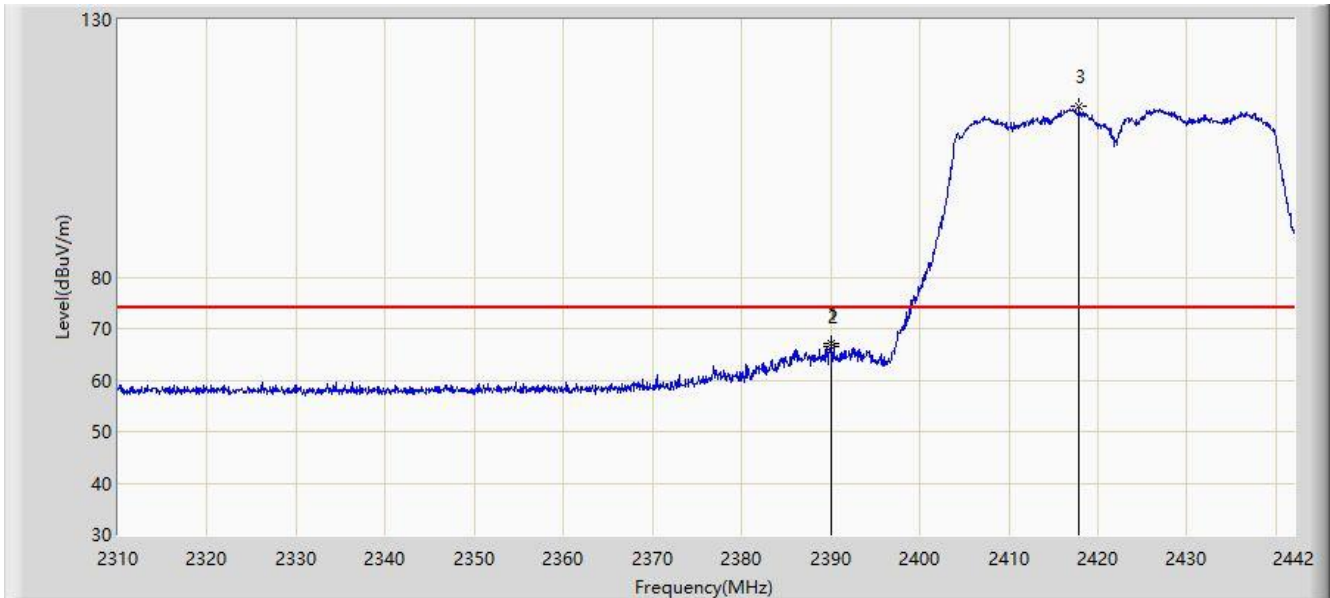
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2461.216	104.858	73.979	N/A	N/A	30.879	AV
2		2483.500	49.156	18.394	-4.844	54.000	30.761	AV
3	*	2483.656	49.271	18.509	-4.729	54.000	30.762	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2422MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2389.992	66.999	36.148	-7.001	74.000	30.850	PK
2		2390.000	66.477	35.626	-7.523	74.000	30.850	PK
3		2417.910	113.254	82.439	N/A	N/A	30.815	PK

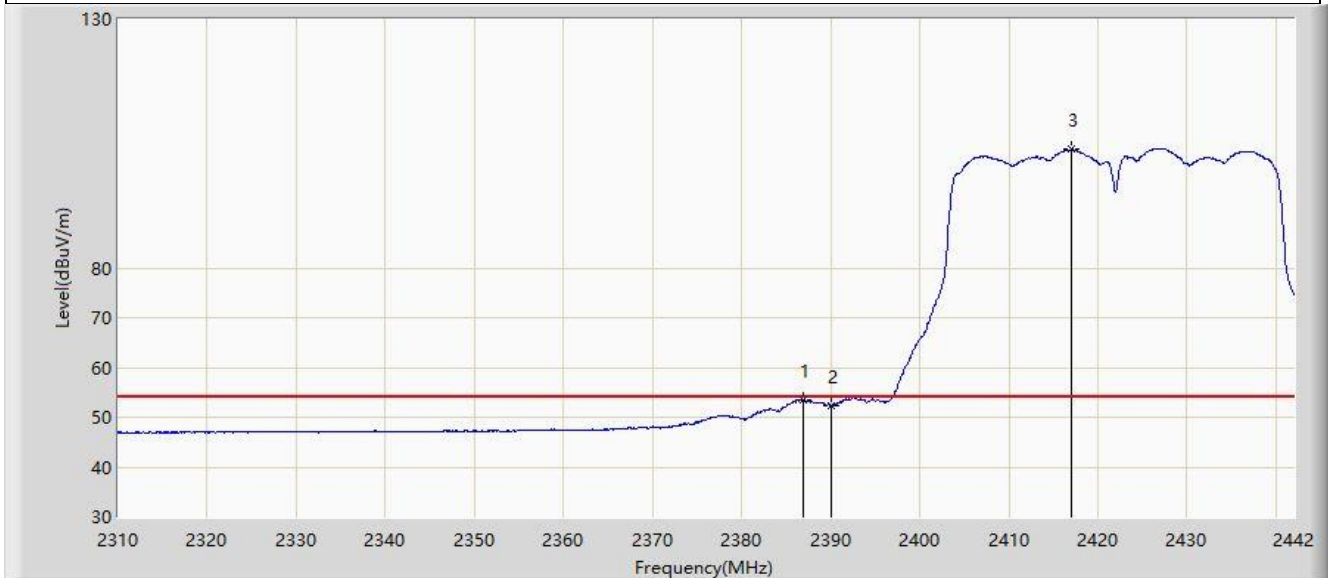
Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).



Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2422MHz	



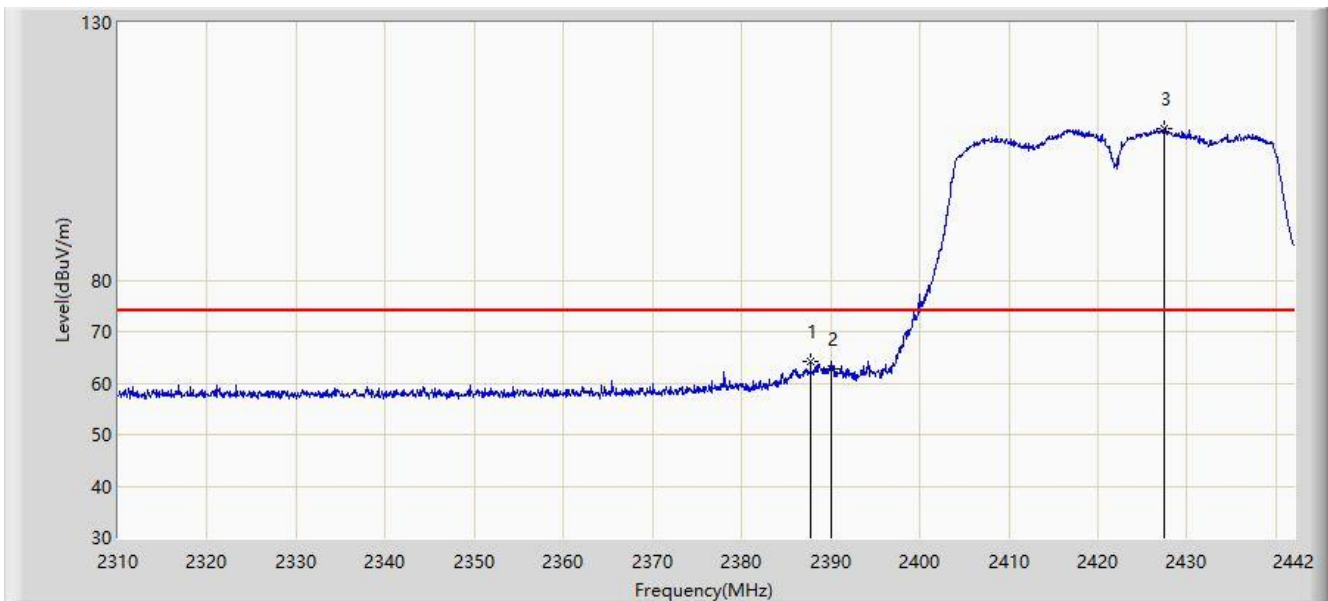
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2386.890	53.518	22.640	-0.482	54.000	30.878	AV
2		2390.000	52.362	21.511	-1.638	54.000	30.850	AV
3		2416.986	103.827	73.006	N/A	N/A	30.821	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2422MHz	



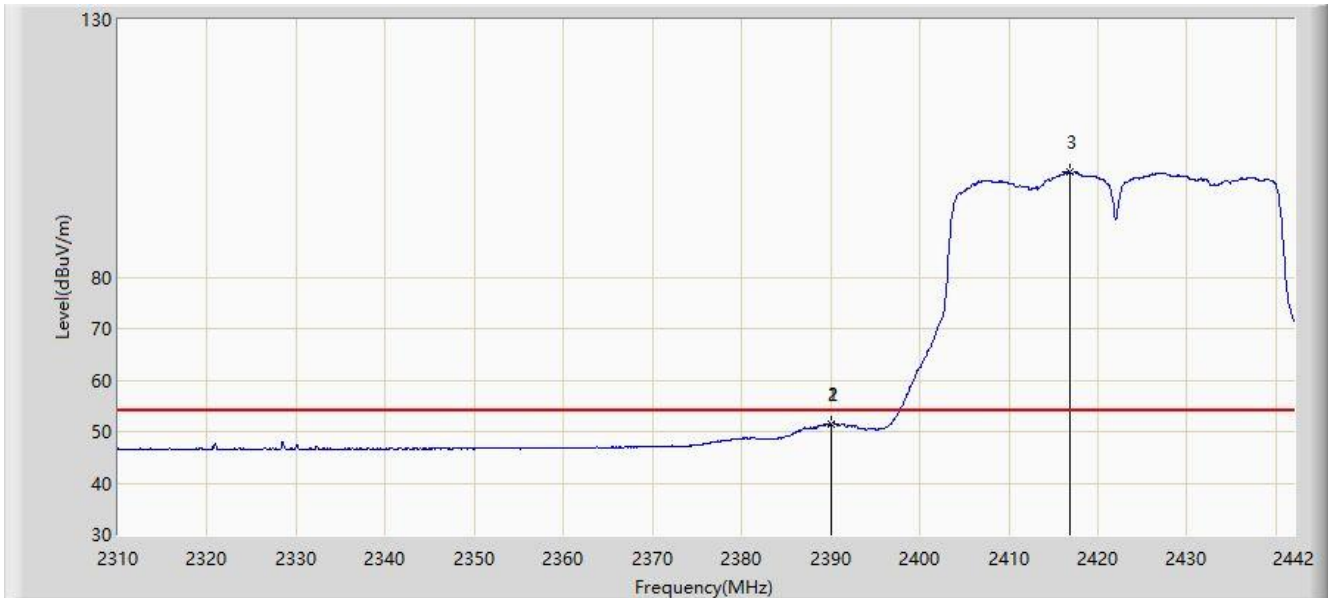
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2387.748	64.058	33.188	-9.942	74.000	30.870	PK
2		2390.000	62.615	31.764	-11.385	74.000	30.850	PK
3		2427.480	109.366	78.619	N/A	N/A	30.747	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-29
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2422MHz	



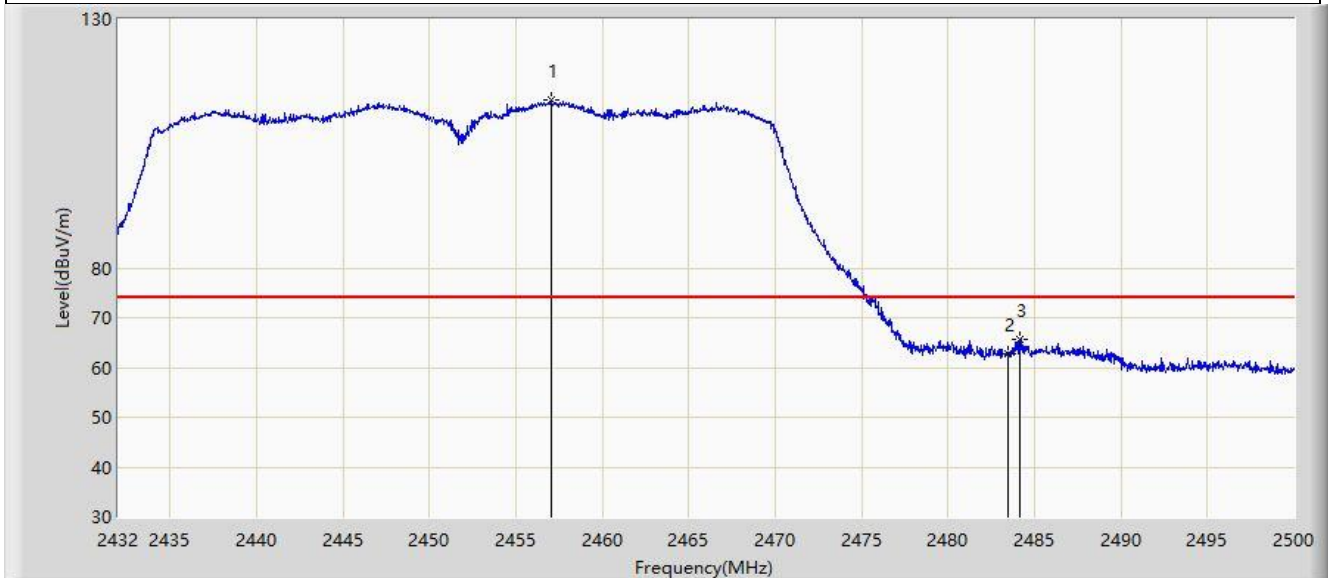
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2389.992	51.547	20.696	-2.453	54.000	30.850	AV
2		2390.000	51.546	20.695	-2.454	54.000	30.850	AV
3		2416.854	100.364	69.542	N/A	N/A	30.822	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2452MHz	



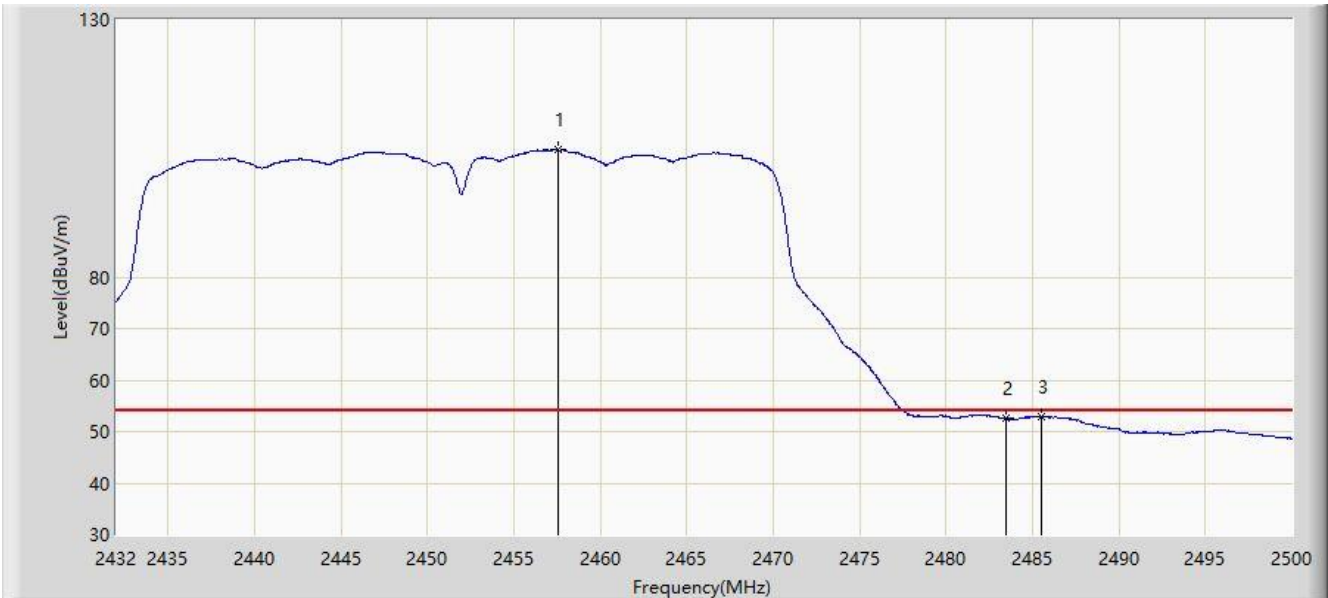
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2457.024	113.633	82.761	N/A	N/A	30.872	PK
2		2483.500	62.827	32.065	-11.173	74.000	30.761	PK
3	*	2484.156	65.797	35.035	-8.203	74.000	30.762	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2452MHz	



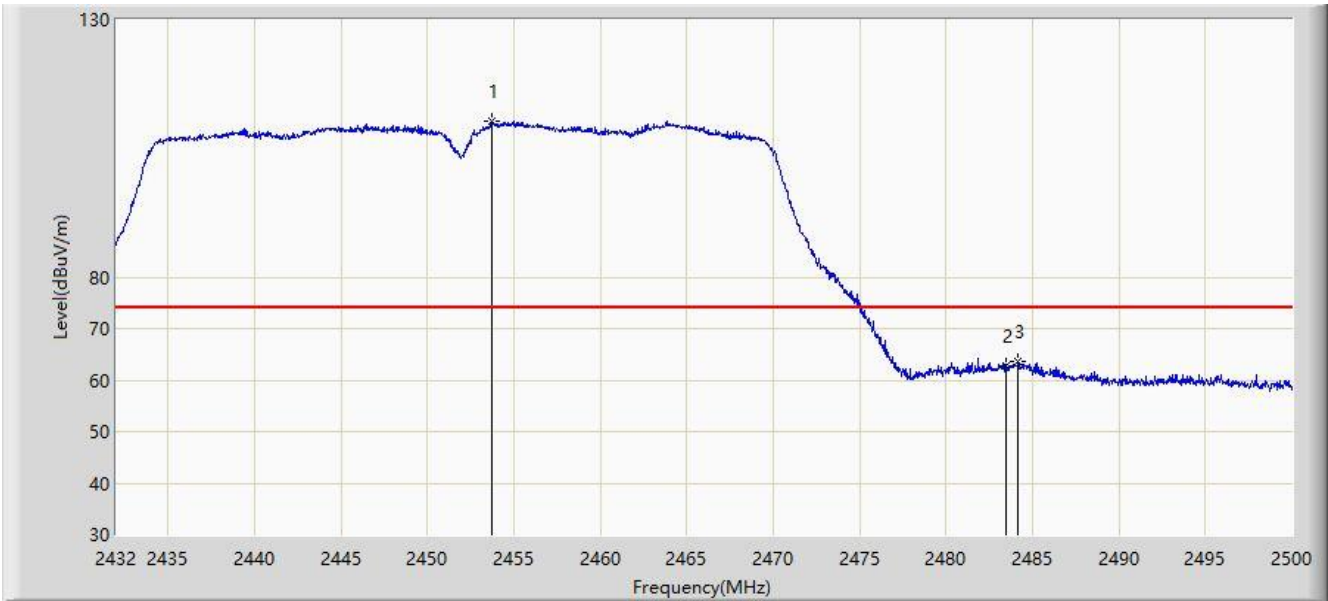
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2457.568	104.723	73.850	N/A	N/A	30.873	AV
2		2483.500	52.508	21.746	-1.492	54.000	30.761	AV
3	*	2485.482	52.886	22.123	-1.114	54.000	30.762	AV

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2452MHz	



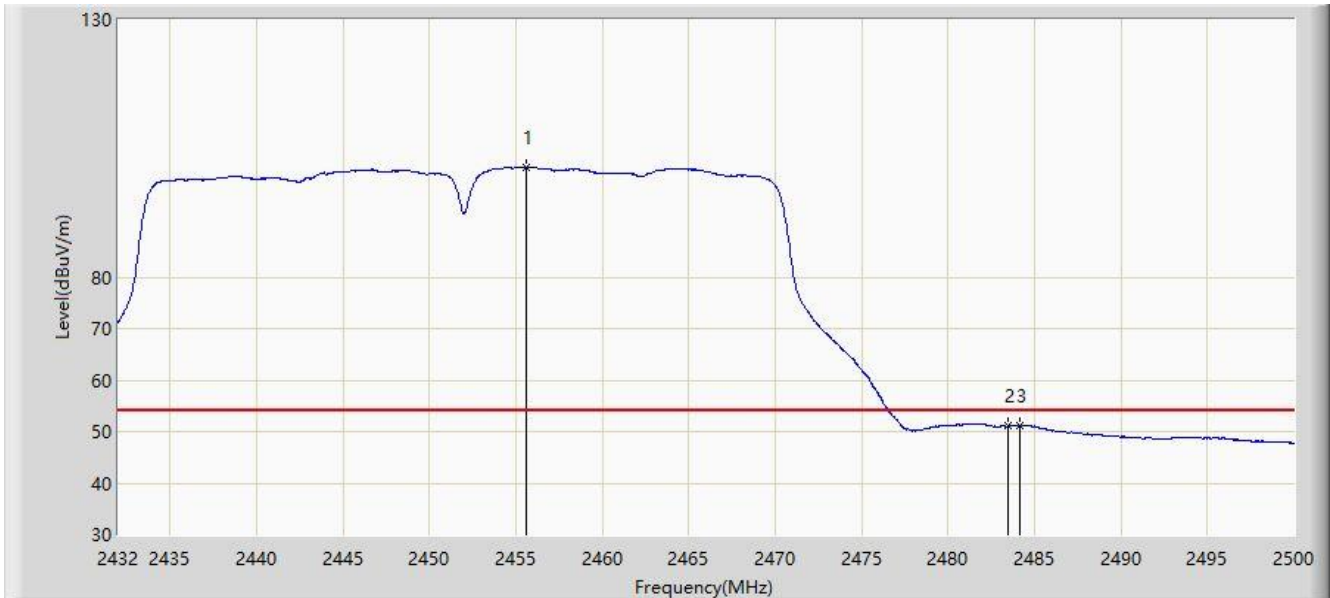
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2453.726	110.291	79.424	N/A	N/A	30.867	PK
2		2483.500	62.644	31.882	-11.356	74.000	30.761	PK
3	*	2484.156	63.749	32.987	-10.251	74.000	30.762	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2452MHz	



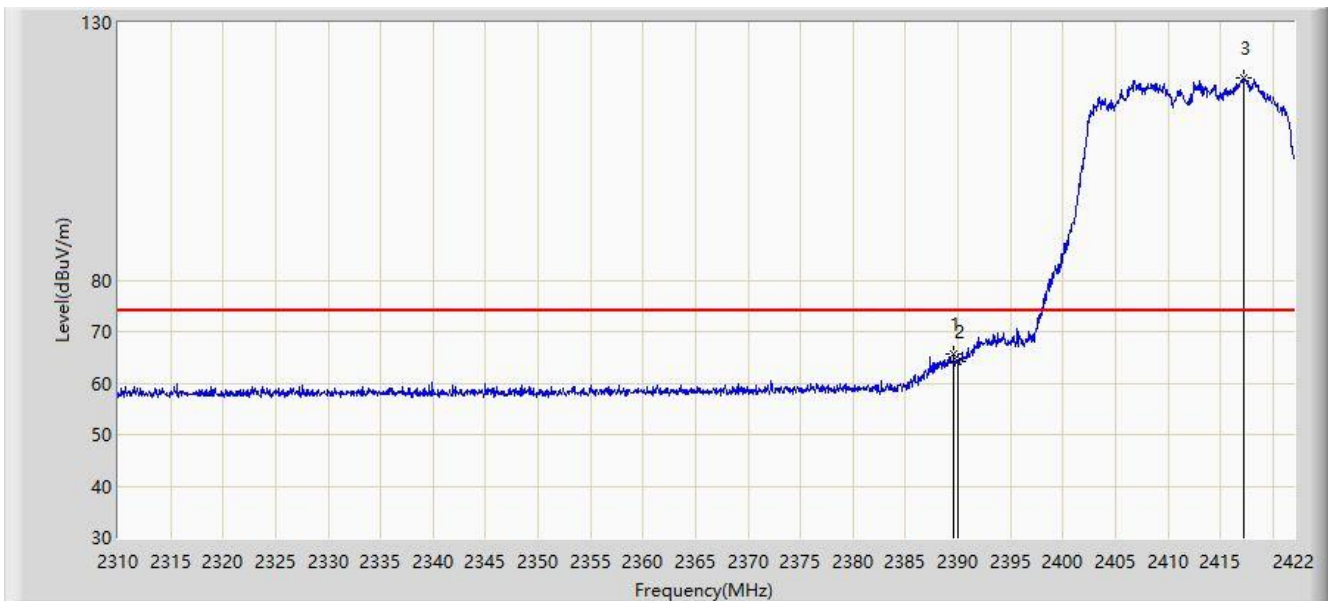
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2455.562	101.394	70.524	N/A	N/A	30.869	AV
2		2483.500	51.050	20.288	-2.950	54.000	30.761	AV
3	*	2484.156	51.277	20.515	-2.723	54.000	30.762	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2389.632	65.769	34.915	-8.231	74.000	30.854	PK
2		2390.000	64.168	33.317	-9.832	74.000	30.850	PK
3		2417.240	119.327	88.507	N/A	N/A	30.820	PK

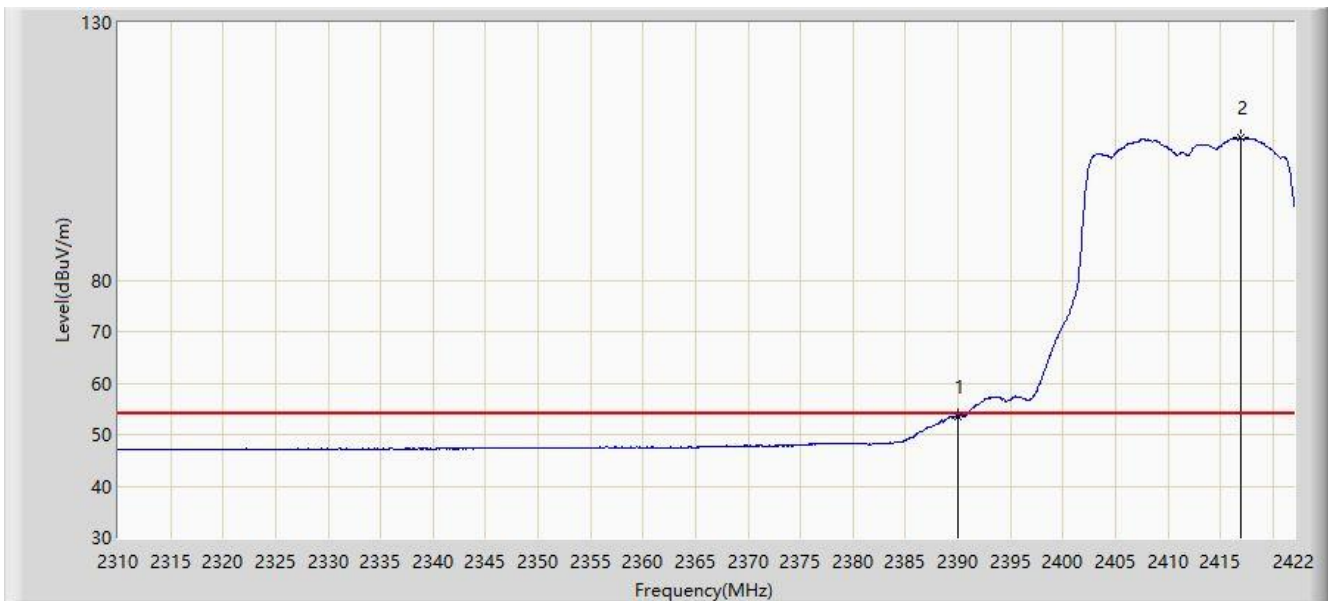
Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).



Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2412MHz	



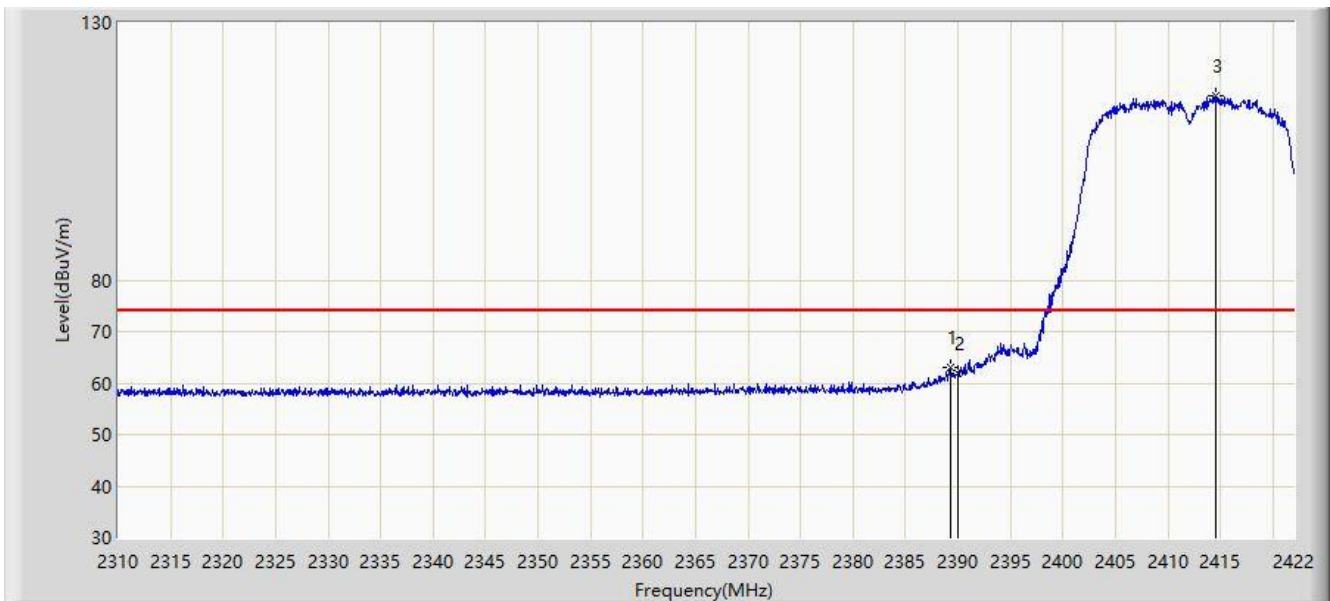
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2390.000	53.619	22.768	-0.381	54.000	30.850	AV
2		2417.016	107.639	76.818	N/A	N/A	30.821	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2412MHz	



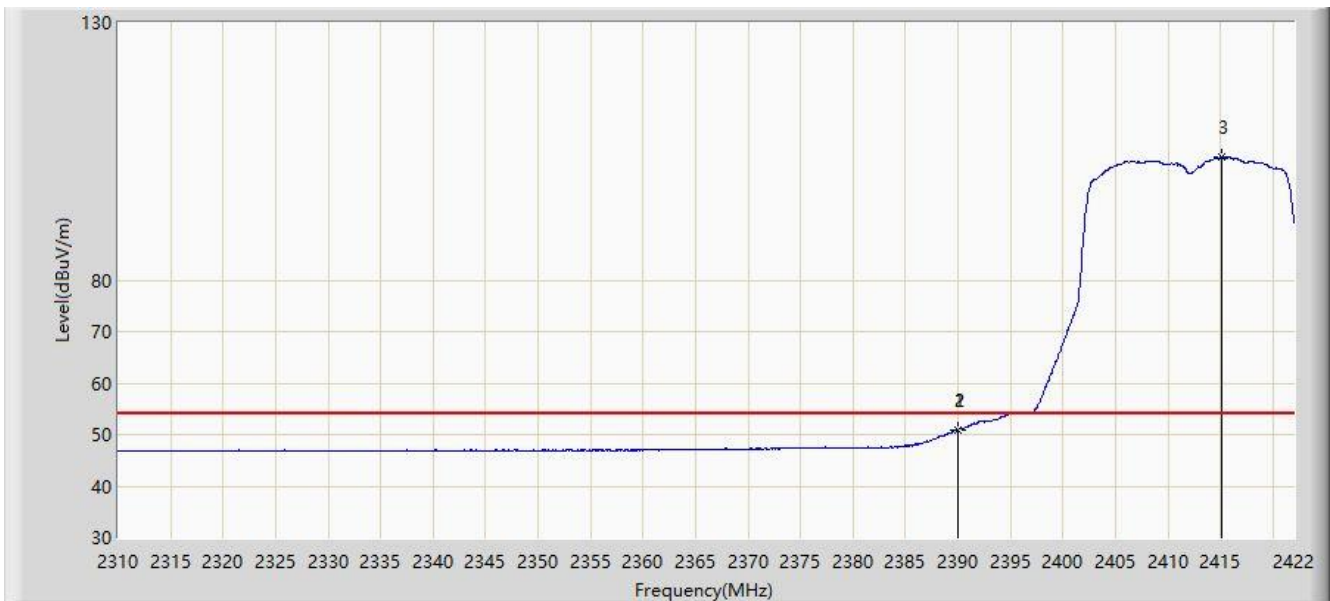
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2389.296	63.079	32.222	-10.921	74.000	30.857	PK
2		2390.000	61.801	30.950	-12.199	74.000	30.850	PK
3		2414.608	115.751	84.913	N/A	N/A	30.838	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2412MHz	



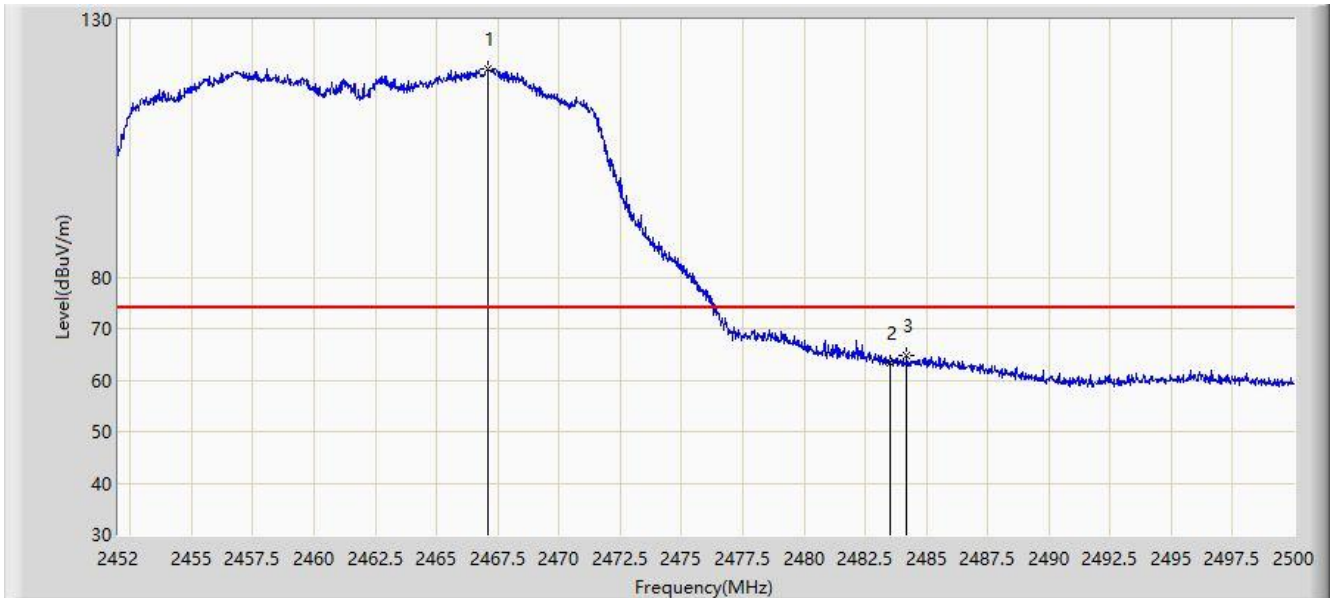
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2389.968	50.995	20.144	-3.005	54.000	30.852	AV
2		2390.000	50.993	20.142	-3.007	54.000	30.850	AV
3		2415.056	103.819	72.984	N/A	N/A	30.835	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2462MHz	



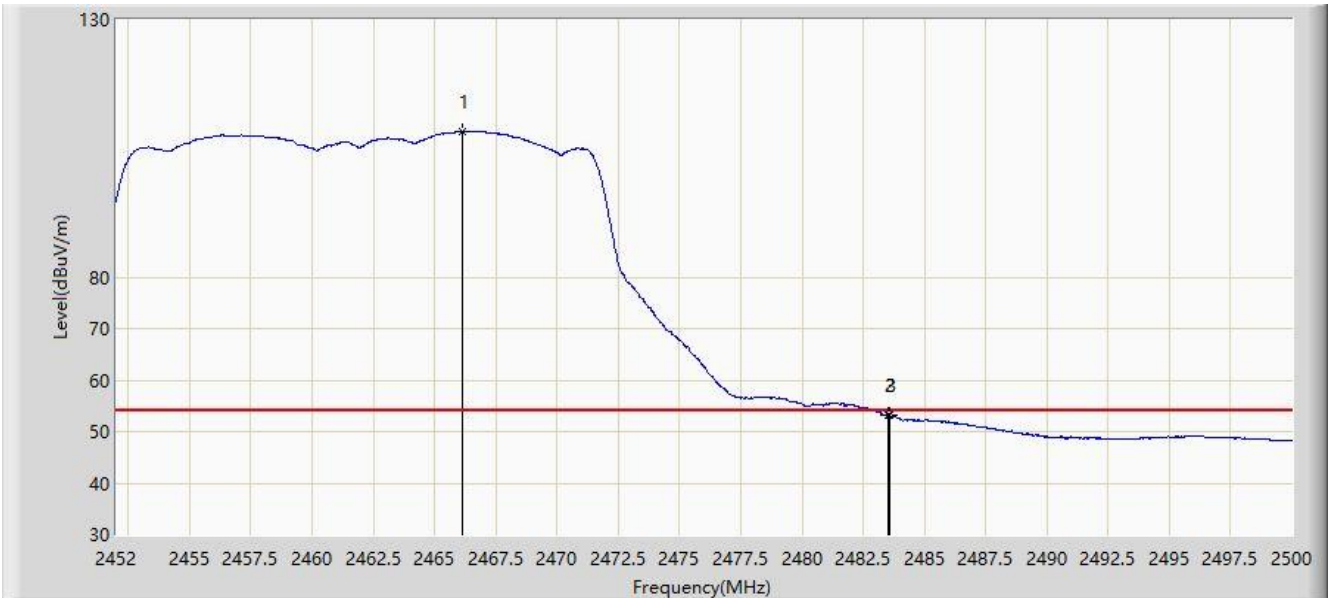
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2467.072	120.458	89.614	N/A	N/A	30.844	PK
2		2483.500	63.303	32.541	-10.697	74.000	30.761	PK
3	*	2484.184	64.842	34.080	-9.158	74.000	30.762	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2462MHz	



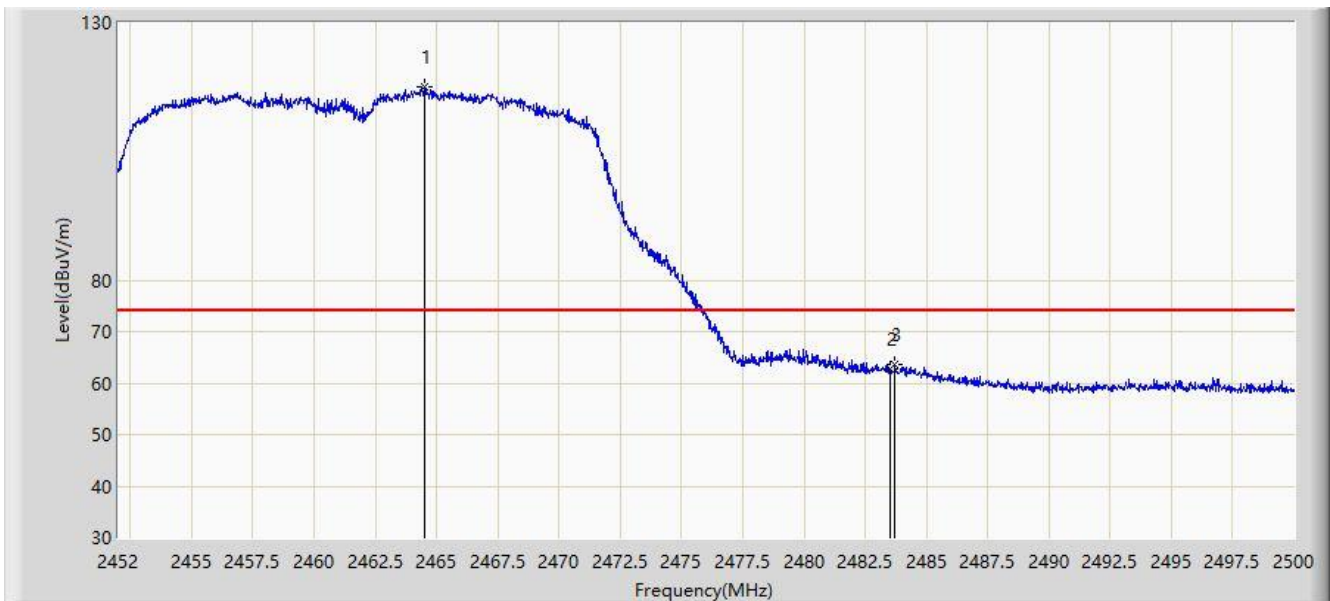
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2466.160	108.384	77.533	N/A	N/A	30.851	AV
2		2483.500	53.105	22.343	-0.895	54.000	30.761	AV
3	*	2483.560	53.152	22.390	-0.848	54.000	30.762	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2462MHz	



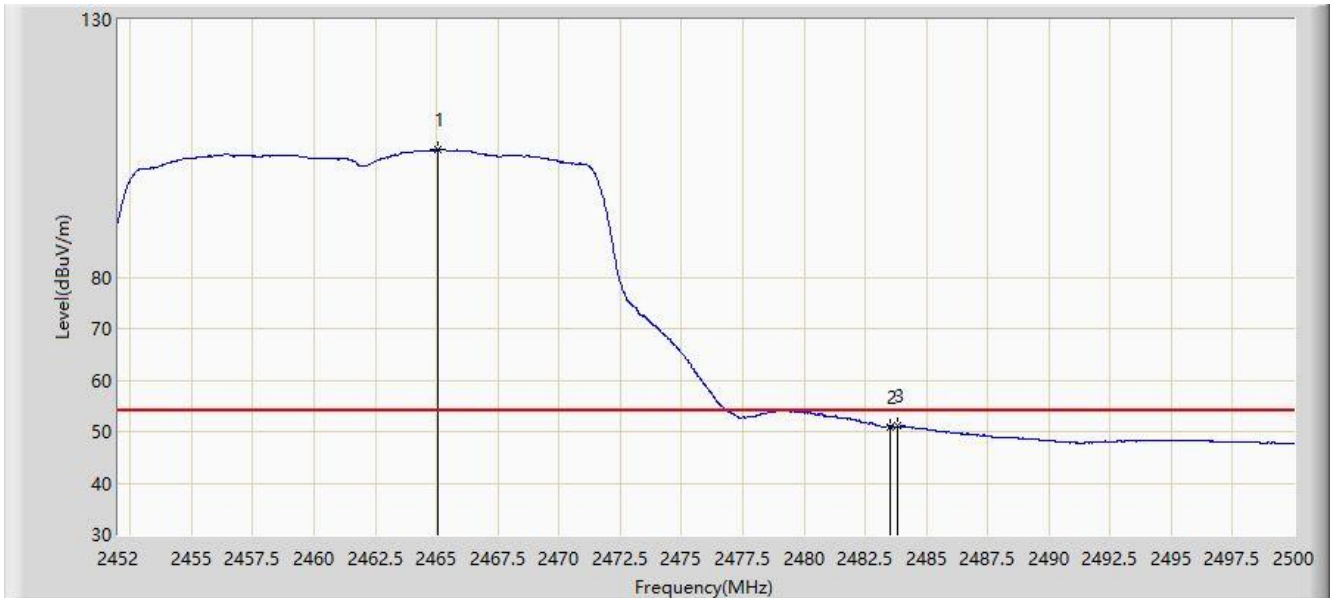
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2464.504	117.597	86.735	N/A	N/A	30.862	PK
2		2483.500	62.652	31.890	-11.348	74.000	30.761	PK
3	*	2483.728	63.545	32.783	-10.455	74.000	30.762	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2462MHz	



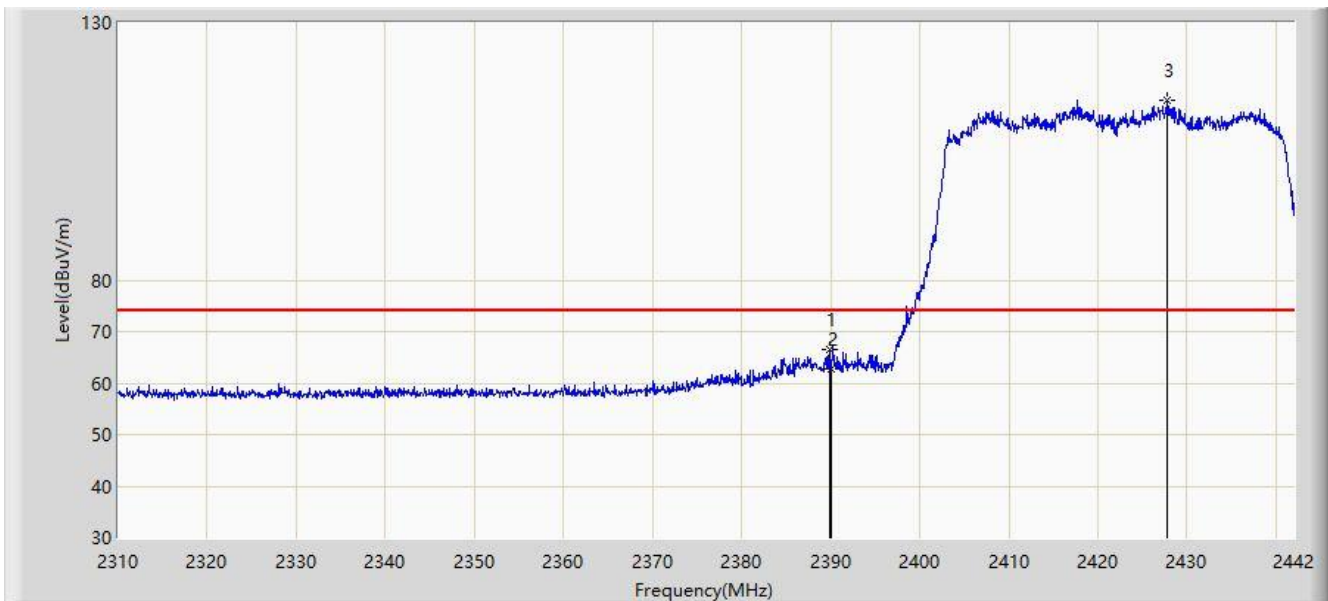
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2465.056	104.756	73.898	N/A	N/A	30.858	AV
2		2483.500	50.995	20.233	-3.005	54.000	30.761	AV
3	*	2483.824	51.075	20.313	-2.925	54.000	30.762	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2422MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2389.926	66.445	35.594	-7.555	74.000	30.852	PK
2		2390.000	62.628	31.777	-11.372	74.000	30.850	PK
3		2427.744	114.914	84.169	N/A	N/A	30.745	PK

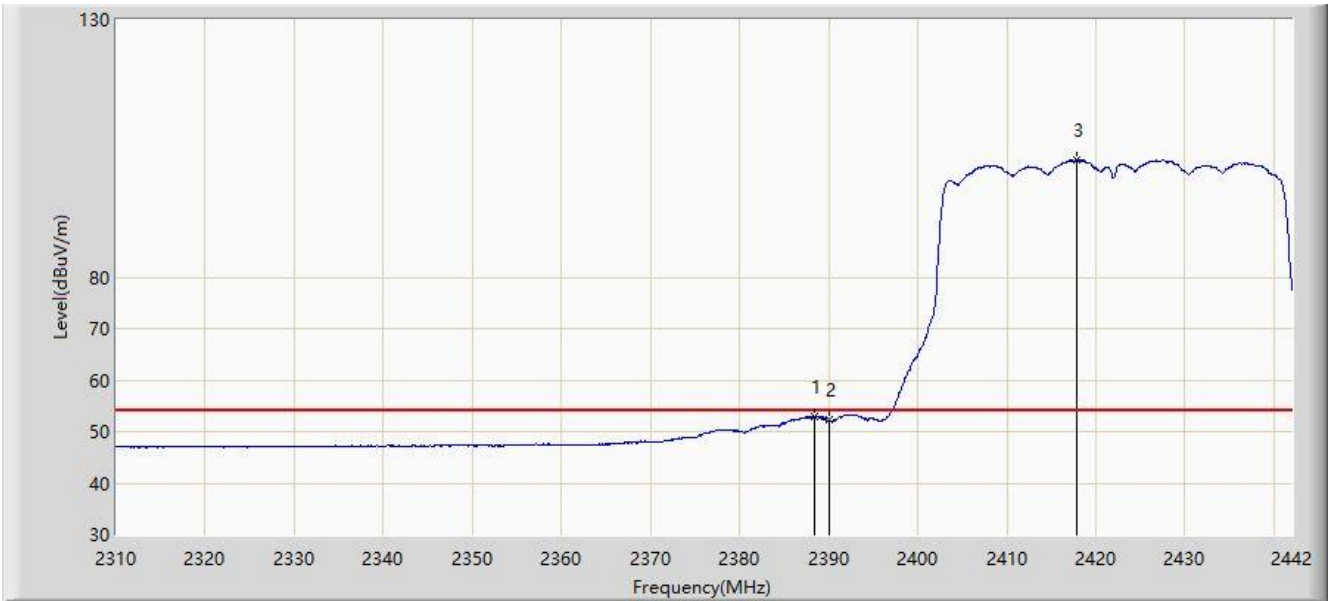
Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).



Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2422MHz	



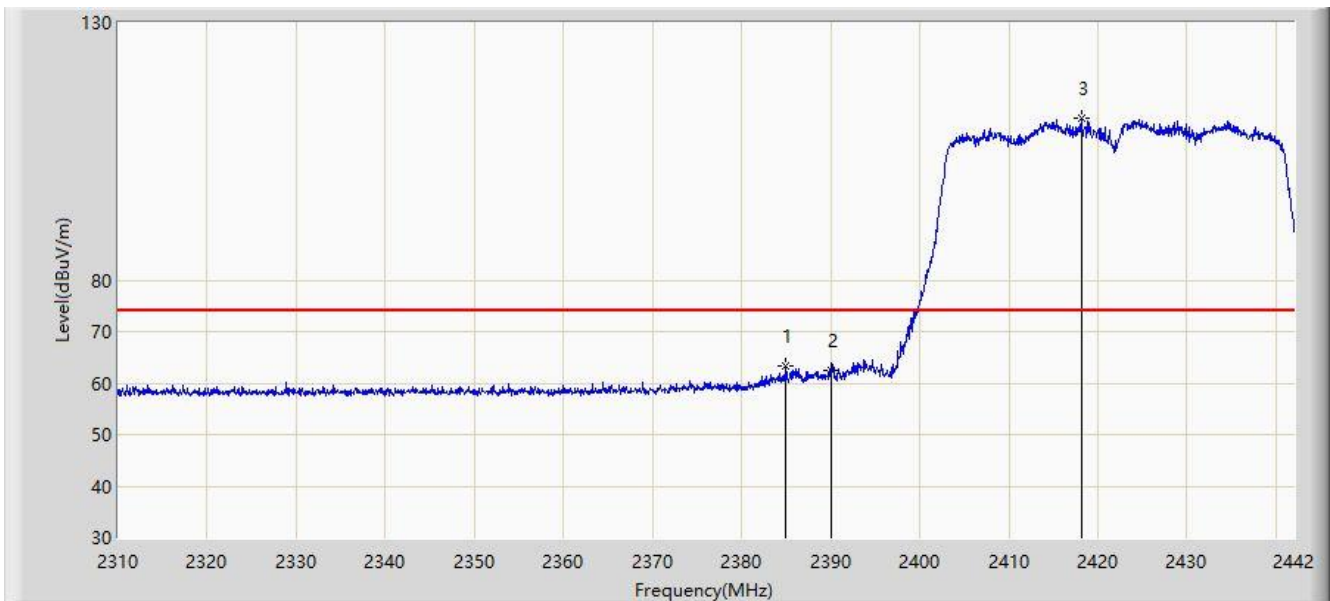
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2388.342	53.013	22.148	-0.987	54.000	30.865	AV
2		2390.000	52.228	21.377	-1.772	54.000	30.850	AV
3		2417.910	102.791	71.976	N/A	N/A	30.815	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2422MHz	



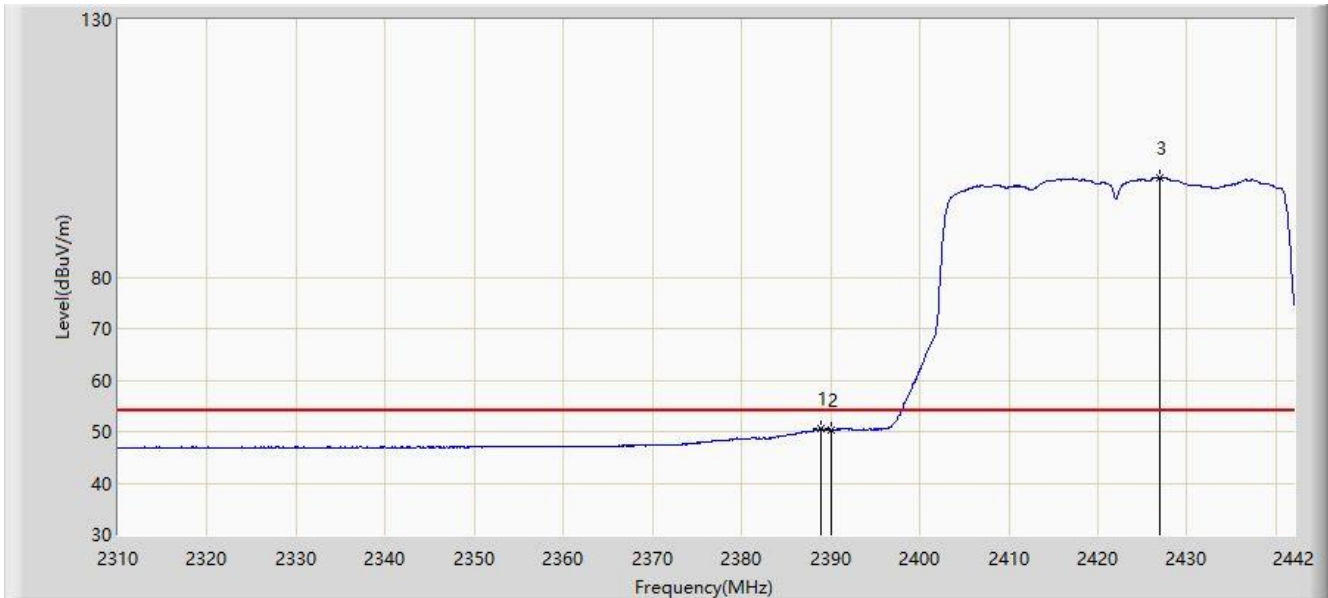
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2384.976	63.472	32.577	-10.528	74.000	30.894	PK
2		2390.000	62.385	31.534	-11.615	74.000	30.850	PK
3		2418.174	111.366	80.553	N/A	N/A	30.813	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2422MHz	



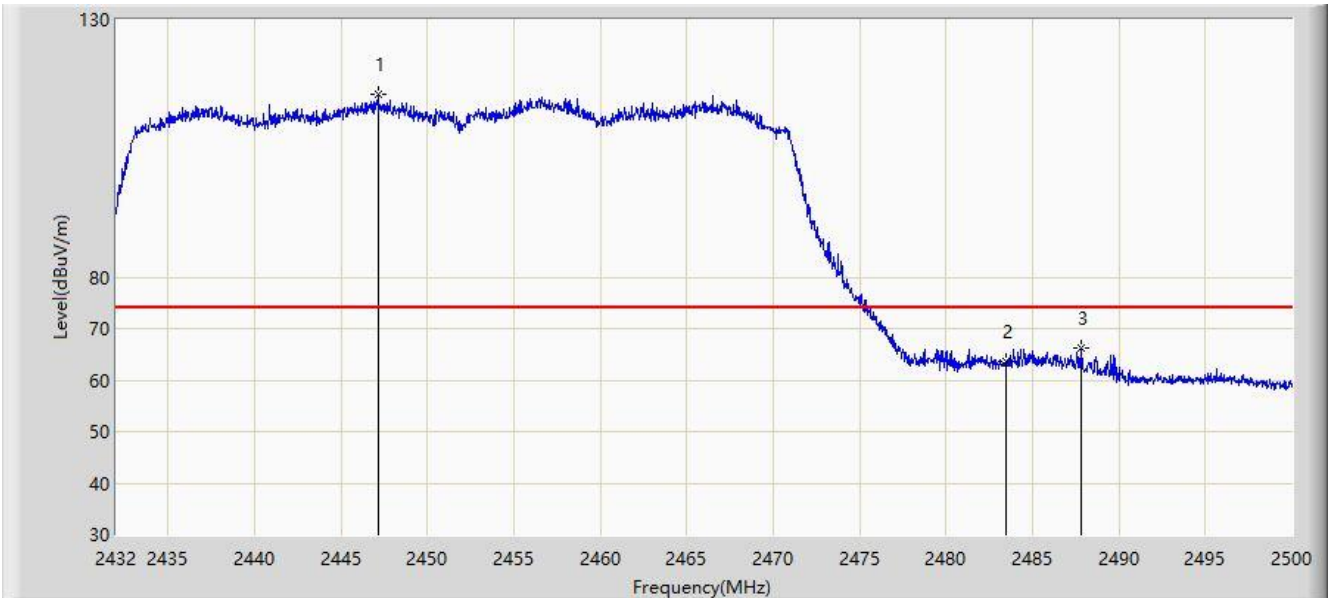
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2388.870	50.521	19.660	-3.479	54.000	30.861	AV
2		2390.000	50.352	19.501	-3.648	54.000	30.850	AV
3		2426.952	99.363	68.613	N/A	N/A	30.750	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2452MHz	



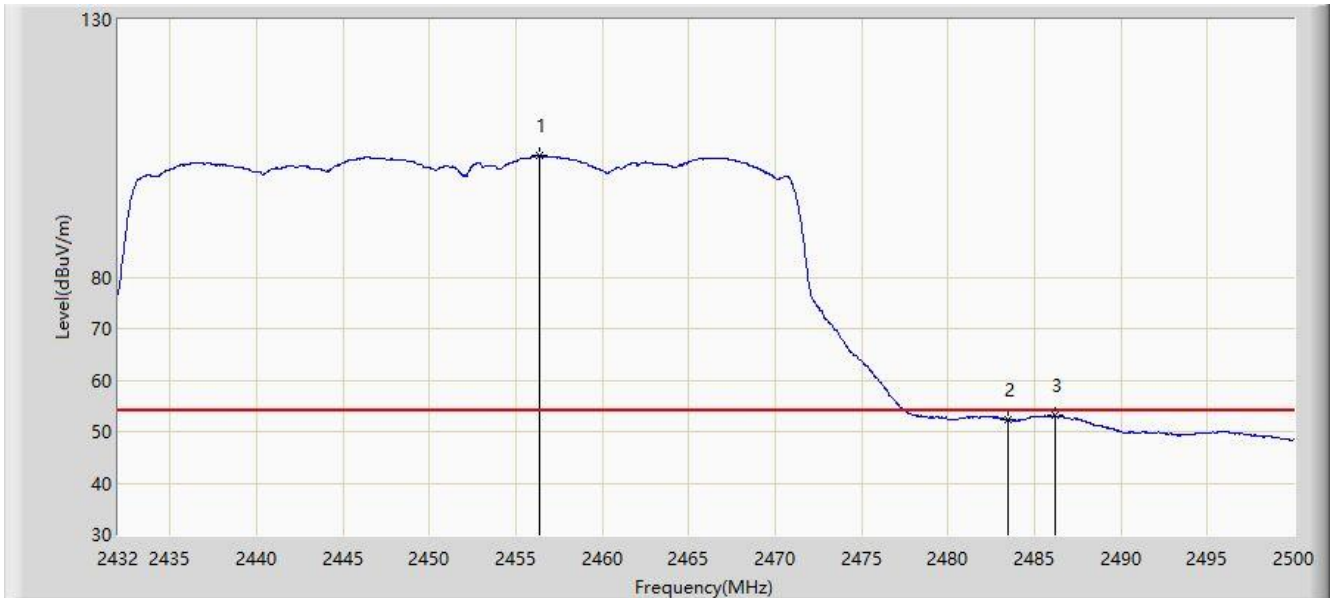
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2447.130	115.547	84.691	N/A	N/A	30.856	PK
2		2483.500	63.651	32.889	-10.349	74.000	30.761	PK
3	*	2487.828	66.160	35.396	-7.840	74.000	30.764	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2452MHz	



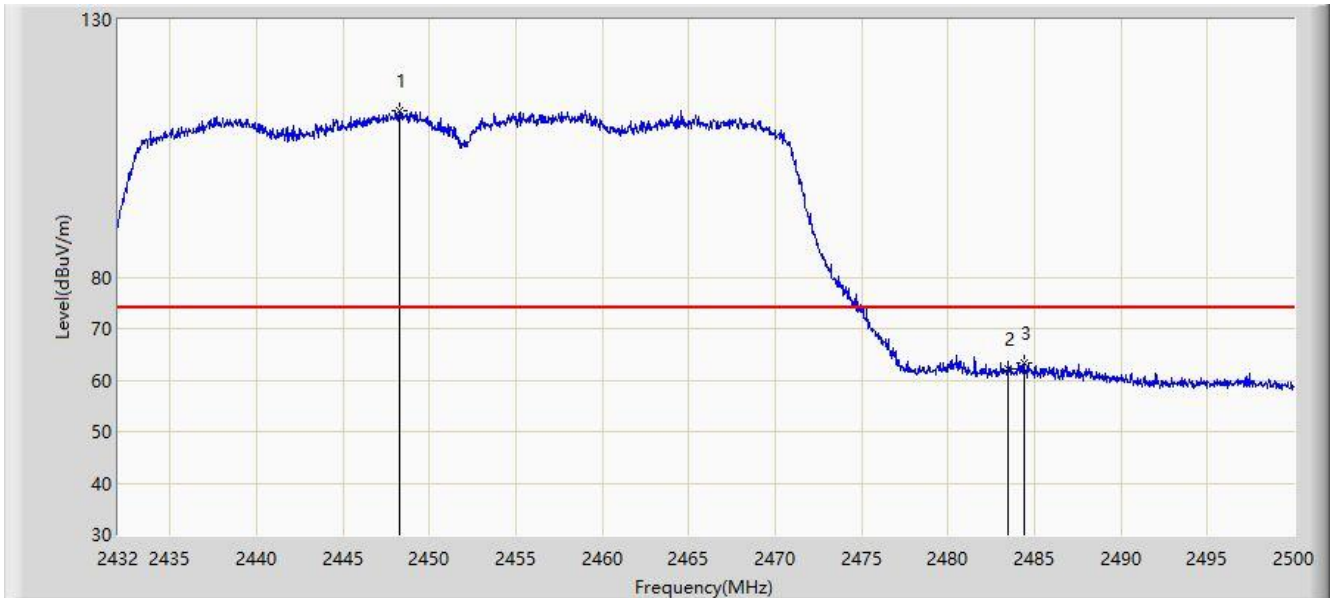
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2456.378	103.562	72.691	N/A	N/A	30.871	AV
2		2483.500	52.328	21.566	-1.672	54.000	30.761	AV
3	*	2486.162	53.162	22.399	-0.838	54.000	30.763	AV

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2452MHz	



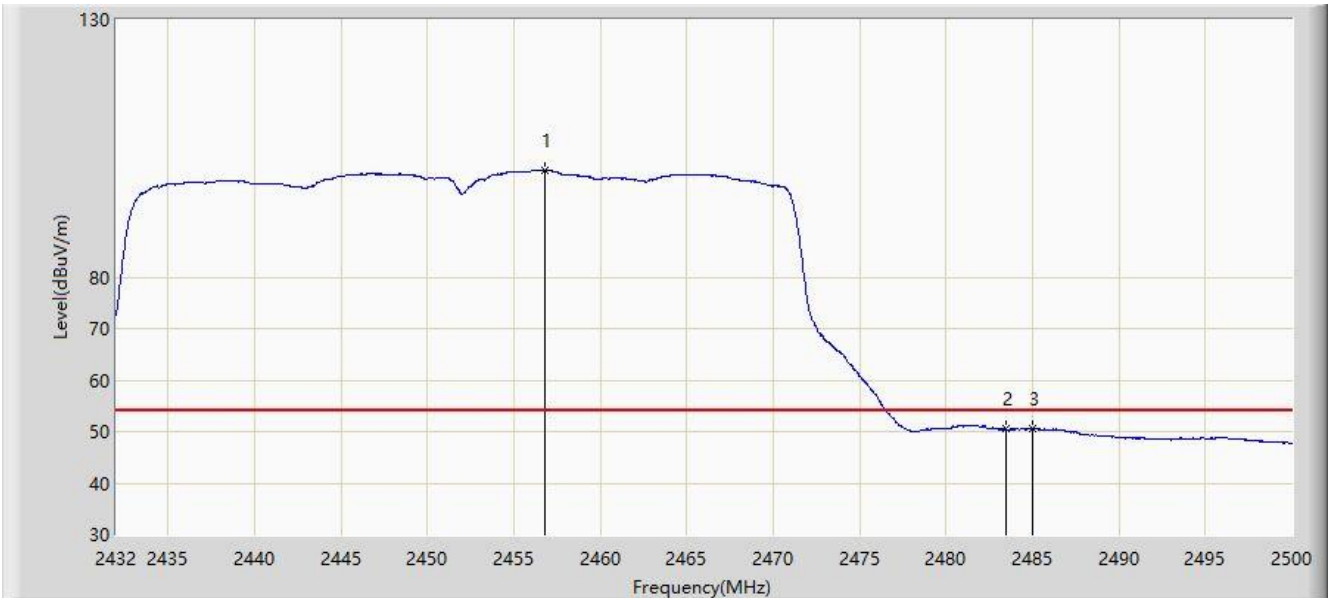
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2448.252	112.348	81.490	N/A	N/A	30.858	PK
2		2483.500	62.210	31.448	-11.790	74.000	30.761	PK
3	*	2484.394	63.189	32.427	-10.811	74.000	30.762	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: NS-AC1	Test Date: 2023-05-30
Limit: FCC_2.4G_RE(3m)	Engineer: Ted Chen
Probe: NS-AC1_BBHA9120D_2111_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2452MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1		2456.786	100.706	69.834	N/A	N/A	30.872	AV
2		2483.500	50.445	19.683	-3.555	54.000	30.761	AV
3	*	2485.040	50.681	19.919	-3.319	54.000	30.762	AV

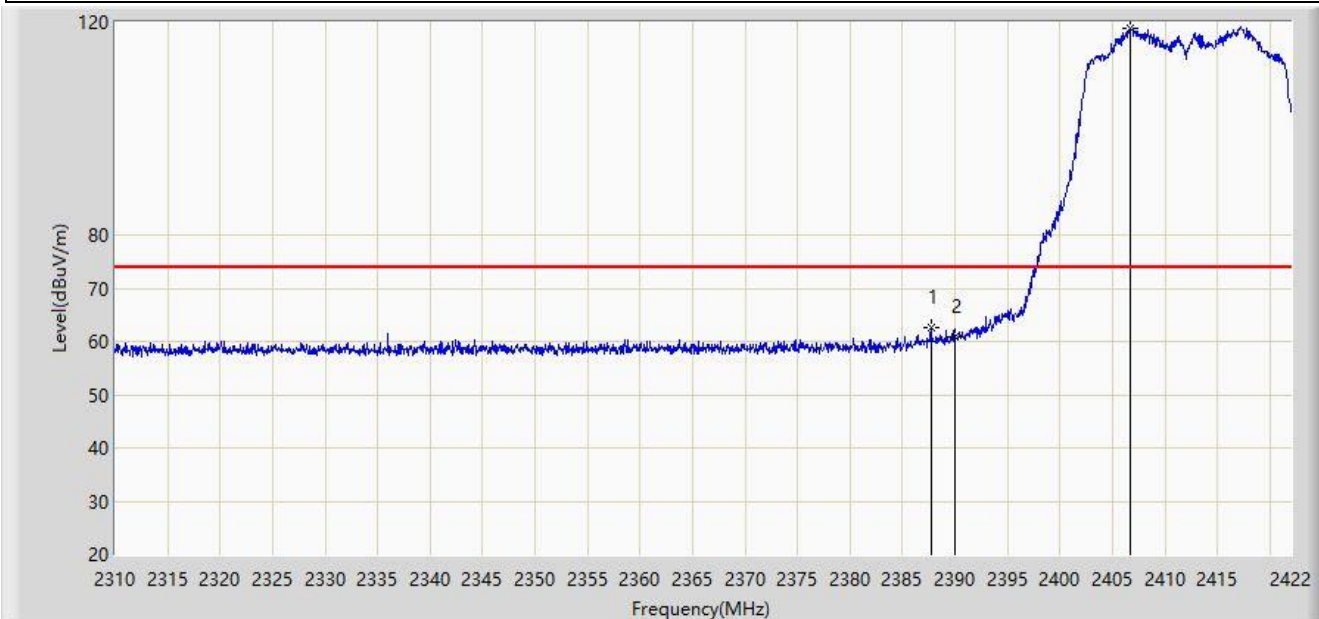
Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

**Spot Check Test Data of OAW-AP1411:**

Site: WZ-AC1	Test Date: 2023-06-19
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1411)	Power: AC 120V/60Hz
Test Mode: Transmit by 80211ax-HE20 at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2387.728	62.511	31.351	-11.489	74.000	31.160	PK
2		2390.000	60.958	29.800	-13.042	74.000	31.158	PK
3		2406.712	118.972	87.829	N/A	N/A	31.143	PK

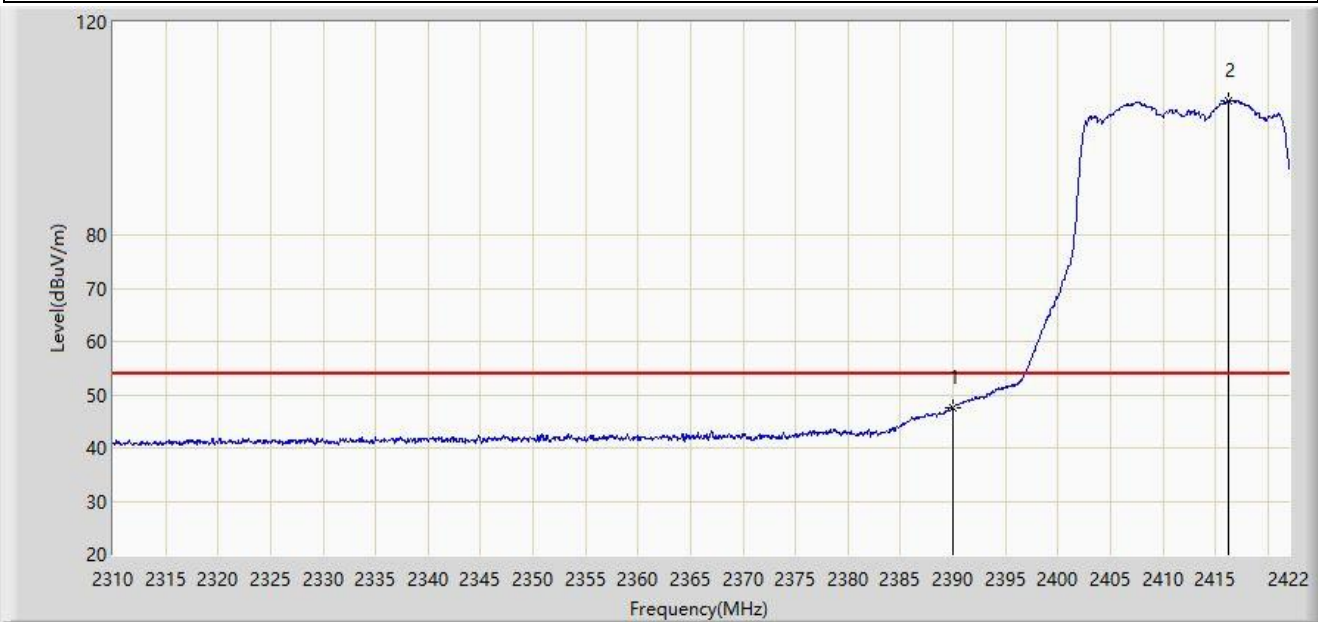
Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).



Site: WZ-AC1	Test Date: 2023-06-19
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1411)	Power: AC 120V/60Hz
Test Mode: Transmit by 80211ax-HE20 at 2412MHz	



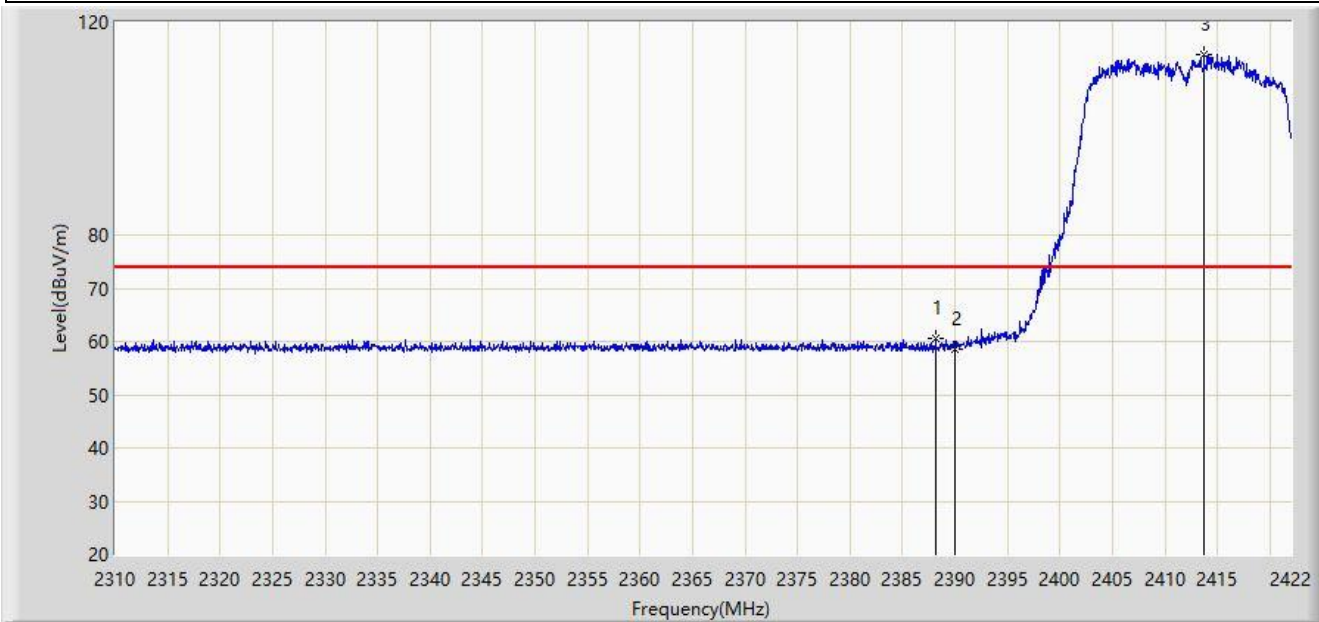
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	47.542	16.384	-6.458	54.000	31.158	AV
2		2416.176	105.267	74.138	N/A	N/A	31.129	AV

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC1	Test Date: 2023-06-19
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1411)	Power: AC 120V/60Hz
Test Mode: Transmit by 80211ax-HE20 at 2412MHz	



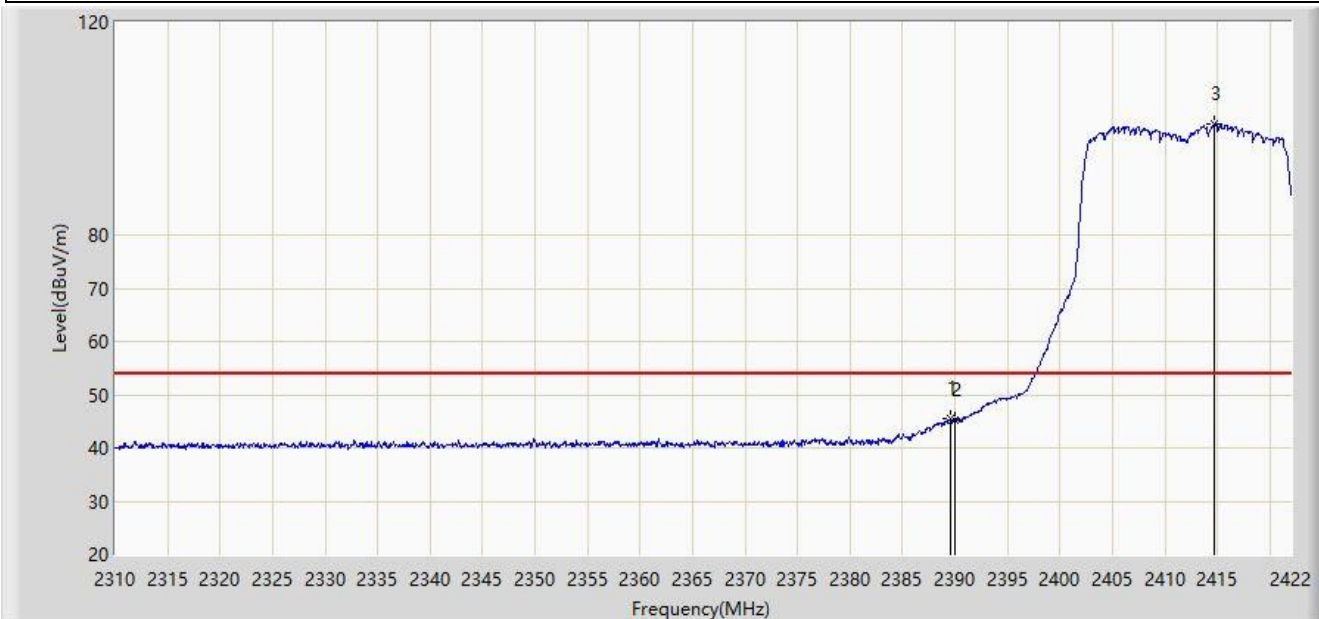
No	Mark	Frequency (MHz)	Measure Level (dB $\mu$ V/m)	Reading Level (dB $\mu$ V)	Margin (dB)	Limit (dB $\mu$ V/m)	Factor (dB/m)	Type
1	*	2388.176	60.467	29.308	-13.533	74.000	31.159	PK
2		2390.000	58.656	27.498	-15.344	74.000	31.158	PK
3		2413.712	114.008	82.876	N/A	N/A	31.132	PK

Note 1: " \* ", means this data is the worst emission level.

Note 2: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC1	Test Date: 2023-06-19
Limit: FCC_2.4G_RE(3m)	Engineer: Carl Jiang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1411)	Power: AC 120V/60Hz
Test Mode: Transmit by 80211ax-HE20 at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2389.632	45.419	14.261	-8.581	54.000	31.158	AV
2		2390.000	45.248	14.090	-8.752	54.000	31.158	AV
3		2414.664	100.771	69.640	N/A	N/A	31.130	AV

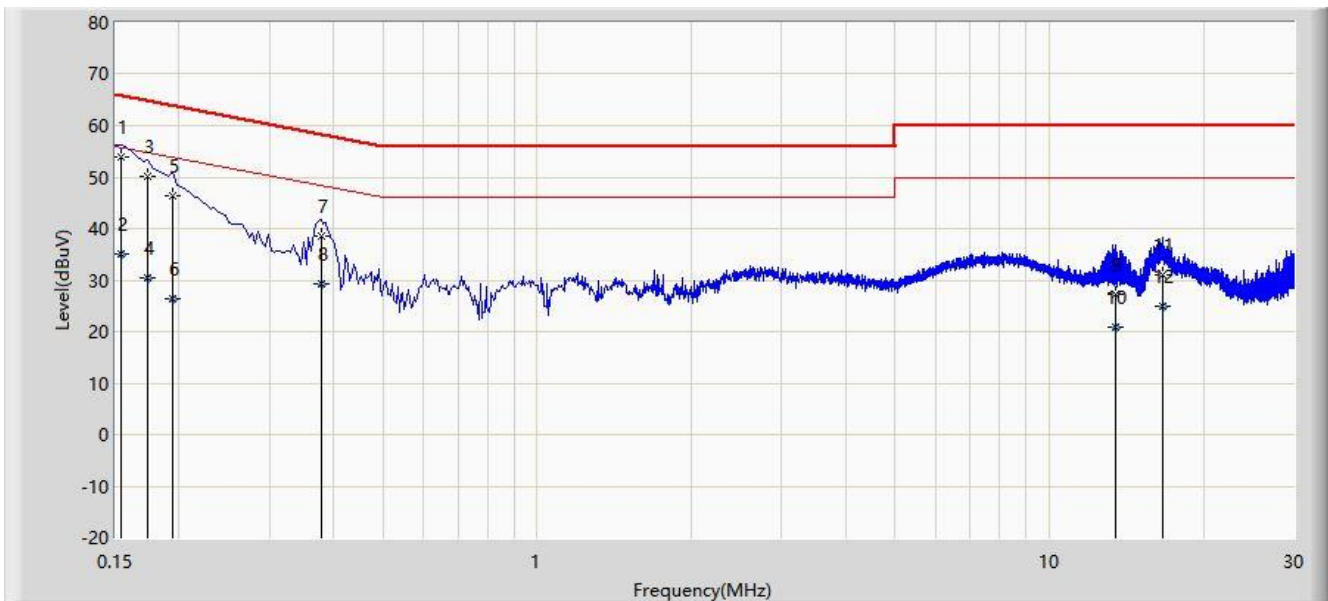
Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

### A.8 AC Conducted Emissions Test Result

Site: WZ-SR2	Test Date: 2023-06-09
Limit: FCC_Part15.207_CE_AC Power	Engineer: Alin Zhou
Probe: ENV216_101683_Filter Off_C	Polarity: Line
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	



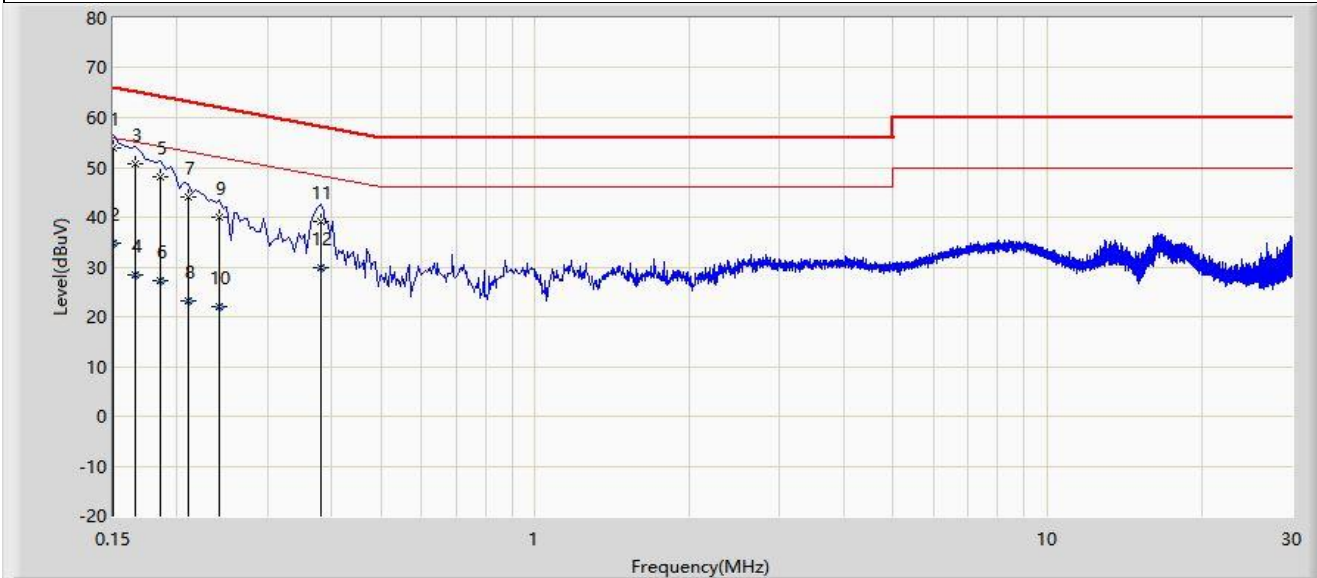
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1	*	0.154	53.817	44.263	-11.965	65.781	9.554	QP
2		0.154	34.956	25.402	-20.825	55.781	9.554	AV
3		0.174	50.115	40.555	-14.653	64.767	9.560	QP
4		0.174	30.534	20.974	-24.233	54.767	9.560	AV
5		0.194	46.508	36.943	-17.355	63.864	9.565	QP
6		0.194	26.311	16.746	-27.553	53.864	9.565	AV
7		0.378	38.531	28.882	-19.792	58.323	9.649	QP
8		0.378	29.197	19.547	-19.126	48.323	9.649	AV
9		13.446	27.202	16.830	-32.798	60.000	10.372	QP
10		13.446	20.836	10.464	-29.164	50.000	10.372	AV
11		16.614	30.986	20.480	-29.014	60.000	10.506	QP
12		16.614	24.828	14.322	-25.172	50.000	10.506	AV

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: WZ-SR2	Test Date: 2023-06-09
Limit: FCC_Part15.207_CE_AC Power	Engineer: Alin Zhou
Probe: ENV216_101683_Filter Off_C	Polarity: Neutral
EUT: OmniAccess Stellar (OAW-AP1431)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1	*	0.150	54.024	44.438	-11.976	66.000	9.585	QP
2		0.150	34.642	25.057	-21.358	56.000	9.585	AV
3		0.166	50.687	41.096	-14.471	65.158	9.591	QP
4		0.166	28.391	18.800	-26.768	55.158	9.591	AV
5		0.186	48.008	38.408	-16.205	64.213	9.599	QP
6		0.186	27.262	17.663	-26.951	54.213	9.599	AV
7		0.210	44.177	34.567	-19.028	63.205	9.611	QP
8		0.210	23.174	13.564	-30.031	53.205	9.611	AV
9		0.242	40.136	30.514	-21.891	62.027	9.622	QP
10		0.242	22.044	12.421	-29.984	52.027	9.622	AV
11		0.382	39.070	29.378	-19.166	58.236	9.692	QP
12		0.382	29.734	20.042	-18.502	48.236	9.692	AV

Note 1: " \* ", means this data is the worst emission level.

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

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

## **Appendix B – Test Setup Photograph**

Refer to “2303RSU028-UT” file.

## Appendix C – EUT Photograph

Refer to “2303RSU028-UE” file.

————— The End —————