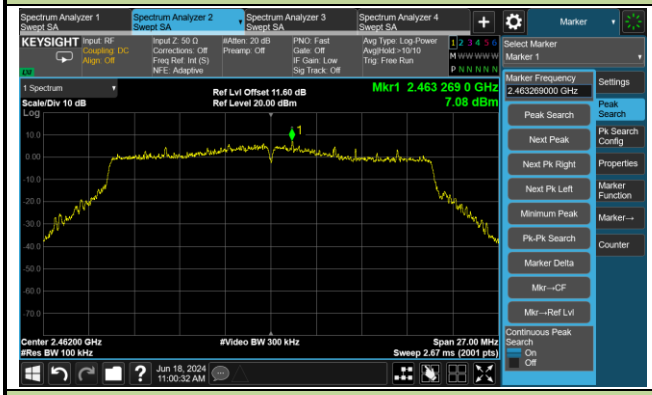
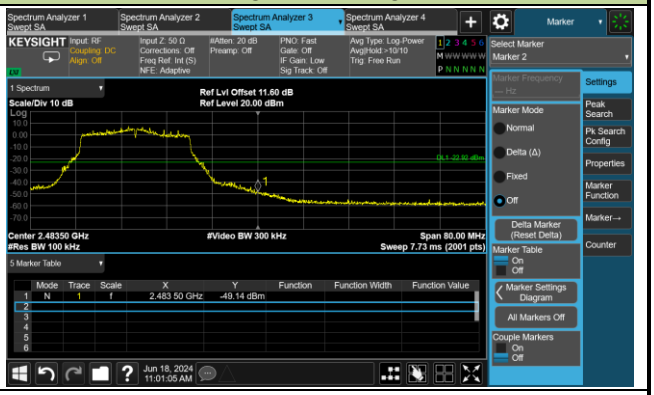
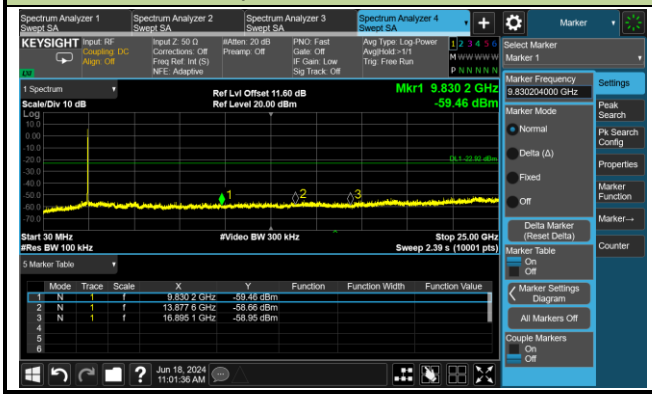
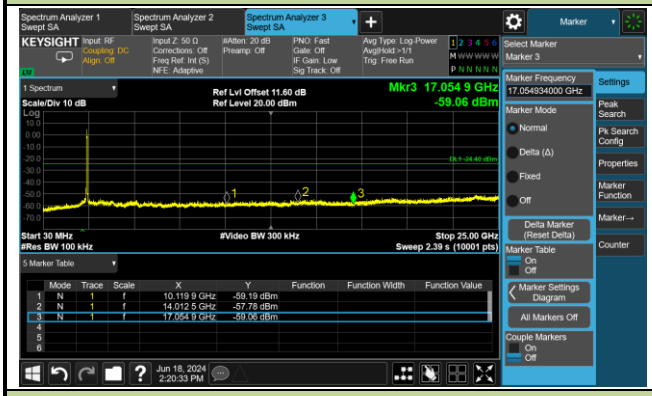
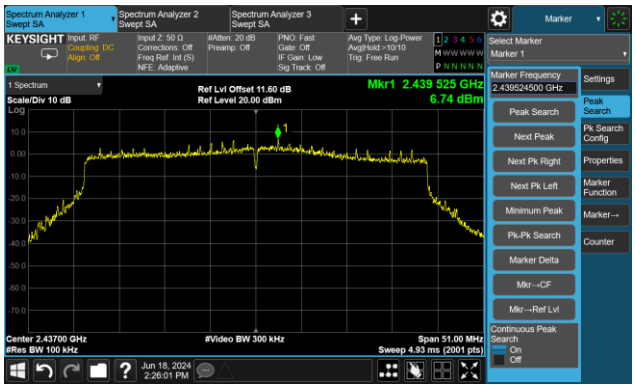
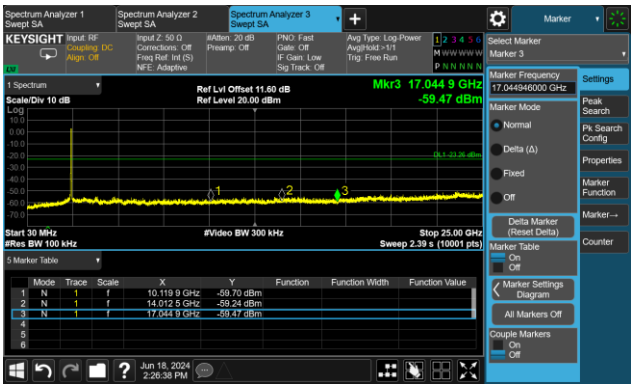
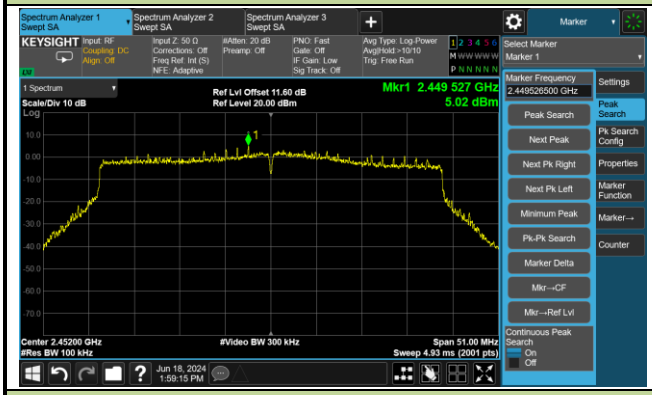
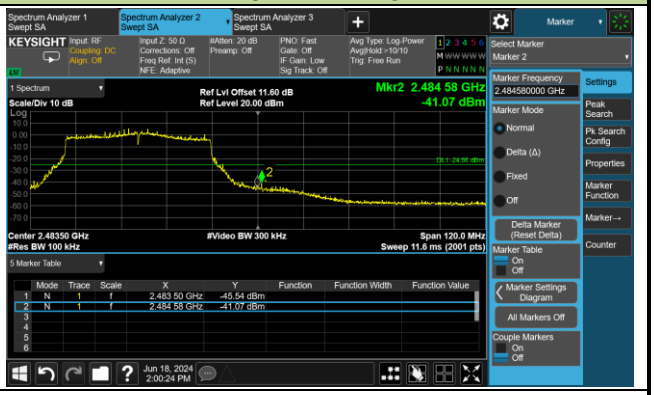
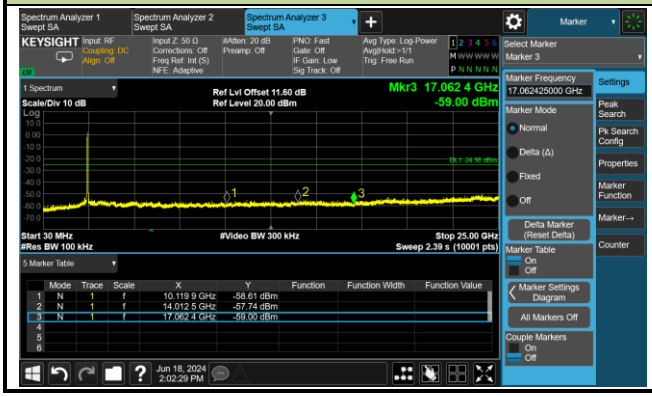
802.11be-EHT20 Out-of-Band Emissions – Ant 1	
Channel 11 (2462MHz)	
Reference Level	High Band Edge
	
Spurious Emission	
	

802.11be-EHT40 Out-of-Band Emissions – Ant 1	
Channel 03 (2422MHz)	
Reference Level	Low Band Edge
	
Spurious Emission	
	
Channel 06 (2437MHz)	
Reference Level	Spurious Emission
	

802.11be-EHT40 Out-of-Band Emissions – Ant 1	
Channel 09 (2452MHz)	
Reference Level	High Band Edge
	
Spurious Emission	
	

A.6 Radiated Spurious Emission Test Result

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-07-03	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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	4825.0	43.5	3.6	47.1	74.0	-26.9	Peak	Horizontal
	10877.0	28.7	16.0	44.7	74.0	-29.3	Peak	Horizontal
	12058.5	28.7	16.8	45.5	74.0	-28.5	Peak	Horizontal
	3881.5	35.7	0.2	35.9	74.0	-38.1	Peak	Vertical
	4825.0	48.0	3.6	51.6	74.0	-22.4	Peak	Vertical
	4825.0	45.2	3.6	48.8	54.0	-5.2	Average	Vertical
	11667.5	31.2	17.4	48.6	74.0	-25.4	Peak	Vertical
06	4170.5	34.5	1.1	35.6	74.0	-38.4	Peak	Horizontal
	4876.0	40.7	3.3	44.0	74.0	-30.0	Peak	Horizontal
	11676.0	30.4	17.2	47.6	74.0	-26.4	Peak	Horizontal
	3983.5	38.8	0.4	39.2	74.0	-34.8	Peak	Vertical
	4876.0	47.7	3.3	51.0	74.0	-23.0	Peak	Vertical
	4876.0	44.2	3.3	47.5	54.0	-6.5	Average	Vertical
	11557.0	31.5	17.4	48.9	74.0	-25.1	Peak	Vertical
11	4102.5	35.4	1.0	36.4	74.0	-37.6	Peak	Horizontal
	4927.0	40.6	3.6	44.2	74.0	-29.8	Peak	Horizontal
	11387.0	31.3	17.2	48.5	74.0	-25.5	Peak	Horizontal
	3983.5	35.6	0.4	36.0	74.0	-38.0	Peak	Vertical
	4927.0	47.0	3.6	50.6	74.0	-23.4	Peak	Vertical
	11642.0	30.3	17.6	47.9	74.0	-26.1	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-07-03	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	4264.0	35.6	1.8	37.4	74.0	-36.6	Peak	Horizontal
	4825.0	41.5	3.6	45.1	74.0	-28.9	Peak	Horizontal
	11752.5	31.6	17.1	48.7	74.0	-25.3	Peak	Horizontal
	4196.0	36.2	1.4	37.6	74.0	-36.4	Peak	Vertical
	4816.5	47.4	3.7	51.1	74.0	-22.9	Peak	Vertical
	4816.5	39.3	3.7	43.0	54.0	-11.0	Average	Vertical
	11616.5	31.1	17.1	48.2	74.0	-25.8	Peak	Vertical
06	3873.0	35.6	0.3	35.9	74.0	-38.1	Peak	Horizontal
	4876.0	38.5	3.3	41.8	74.0	-32.2	Peak	Horizontal
	11489.0	30.4	17.5	47.9	74.0	-26.1	Peak	Horizontal
	3864.5	34.4	0.3	34.7	74.0	-39.3	Peak	Vertical
	4876.0	44.6	3.3	47.9	74.0	-26.1	Peak	Vertical
	11650.5	30.9	17.6	48.5	74.0	-25.5	Peak	Vertical
11	4255.5	35.6	1.6	37.2	74.0	-36.8	Peak	Horizontal
	4927.0	37.9	3.6	41.5	74.0	-32.5	Peak	Horizontal
	11574.0	30.7	17.3	48.0	74.0	-26.0	Peak	Horizontal
	4009.0	36.0	0.6	36.6	74.0	-37.4	Peak	Vertical
	4927.0	43.8	3.6	47.4	74.0	-26.6	Peak	Vertical
	11854.5	30.5	16.9	47.4	74.0	-26.6	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-07-03	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 (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	3949.5	35.9	0.3	36.2	74.0	-37.8	Peak	Horizontal
	4816.5	39.5	3.7	43.2	74.0	-30.8	Peak	Horizontal
	11055.5	31.7	16.1	47.8	74.0	-26.2	Peak	Horizontal
	4825.0	47.4	3.6	51.0	74.0	-23.0	Peak	Vertical
	4825.0	39.5	3.6	43.1	54.0	-10.9	Average	Vertical
	7570.5	32.5	11.1	43.6	74.0	-30.4	Peak	Vertical
	11523.0	30.9	17.1	48.0	74.0	-26.0	Peak	Vertical
06	4867.5	36.3	3.4	39.7	74.0	-34.3	Peak	Horizontal
	7604.5	32.1	10.9	43.0	74.0	-31.0	Peak	Horizontal
	11608.0	31.2	16.9	48.1	74.0	-25.9	Peak	Horizontal
	4009.0	34.2	0.6	34.8	74.0	-39.2	Peak	Vertical
	4876.0	44.3	3.3	47.6	74.0	-26.4	Peak	Vertical
	11659.0	31.3	17.6	48.9	74.0	-25.1	Peak	Vertical
11	4153.5	33.9	1.1	35.0	74.0	-39.0	Peak	Horizontal
	4918.5	36.2	3.6	39.8	74.0	-34.2	Peak	Horizontal
	11268.0	31.3	16.9	48.2	74.0	-25.8	Peak	Horizontal
	4918.5	43.6	3.6	47.2	74.0	-26.8	Peak	Vertical
	11081.0	31.6	16.7	48.3	74.0	-25.7	Peak	Vertical
	11786.5	30.8	17.3	48.1	74.0	-25.9	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-07-03	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	4111.0	36.0	1.1	37.1	74.0	-36.9	Peak	Horizontal
	4842.0	36.3	3.6	39.9	74.0	-34.1	Peak	Horizontal
	11769.5	31.6	17.0	48.6	74.0	-25.4	Peak	Horizontal
	4111.0	35.8	1.1	36.9	74.0	-37.1	Peak	Vertical
	4833.5	39.9	3.6	43.5	74.0	-30.5	Peak	Vertical
	12092.5	31.8	17.0	48.8	74.0	-25.2	Peak	Vertical
06	4119.5	35.1	1.1	36.2	74.0	-37.8	Peak	Horizontal
	4867.5	34.4	3.4	37.8	74.0	-36.2	Peak	Horizontal
	11659.0	30.8	17.6	48.4	74.0	-25.6	Peak	Horizontal
	3864.5	34.5	0.3	34.8	74.0	-39.2	Peak	Vertical
	4867.5	39.7	3.4	43.1	74.0	-30.9	Peak	Vertical
	11659.0	30.4	17.6	48.0	74.0	-26.0	Peak	Vertical
09	3728.5	36.3	0.2	36.5	74.0	-37.5	Peak	Horizontal
	4901.5	35.4	3.5	38.9	74.0	-35.1	Peak	Horizontal
	11914.0	32.0	16.9	48.9	74.0	-25.1	Peak	Horizontal
	4170.5	35.3	1.1	36.4	74.0	-37.6	Peak	Vertical
	4901.5	39.3	3.5	42.8	74.0	-31.2	Peak	Vertical
	11081.0	31.2	16.7	47.9	74.0	-26.1	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-07-03	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	3932.5	34.4	0.2	34.6	74.0	-39.4	Peak	Horizontal
	4825.0	39.4	3.6	43.0	74.0	-31.0	Peak	Horizontal
	11650.5	30.7	17.6	48.3	74.0	-25.7	Peak	Horizontal
	4094.0	33.6	0.9	34.5	74.0	-39.5	Peak	Vertical
	4825.0	44.0	3.6	47.6	74.0	-26.4	Peak	Vertical
	11633.5	30.5	17.4	47.9	74.0	-26.1	Peak	Vertical
06	4204.5	35.0	1.4	36.4	74.0	-37.6	Peak	Horizontal
	4876.0	39.8	3.3	43.1	74.0	-30.9	Peak	Horizontal
	11659.0	30.7	17.6	48.3	74.0	-25.7	Peak	Horizontal
	4867.5	45.0	3.4	48.4	74.0	-25.6	Peak	Vertical
	7307.0	36.0	11.0	47.0	74.0	-27.0	Peak	Vertical
	11565.5	31.9	17.4	49.3	74.0	-24.7	Peak	Vertical
11	4017.5	36.0	0.7	36.7	74.0	-37.3	Peak	Horizontal
	4918.5	37.0	3.6	40.6	74.0	-33.4	Peak	Horizontal
	11480.5	29.6	17.4	47.0	74.0	-27.0	Peak	Horizontal
	4187.5	35.5	1.3	36.8	74.0	-37.2	Peak	Vertical
	4927.0	42.5	3.6	46.1	74.0	-27.9	Peak	Vertical
	11565.5	31.7	17.4	49.1	74.0	-24.9	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-07-03	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	4119.5	35.3	1.1	36.4	74.0	-37.6	Peak	Horizontal
	4935.5	35.0	3.6	38.6	74.0	-35.4	Peak	Horizontal
	11489.0	30.4	17.5	47.9	74.0	-26.1	Peak	Horizontal
	4111.0	35.4	1.1	36.5	74.0	-37.5	Peak	Vertical
	4918.5	38.3	3.6	41.9	74.0	-32.1	Peak	Vertical
	10996.0	30.8	16.5	47.3	74.0	-26.7	Peak	Vertical
06	3958.0	36.5	0.4	36.9	74.0	-37.1	Peak	Horizontal
	5063.0	34.8	3.9	38.7	74.0	-35.3	Peak	Horizontal
	11718.5	31.2	17.5	48.7	74.0	-25.3	Peak	Horizontal
	4119.5	36.3	1.1	37.4	74.0	-36.6	Peak	Vertical
	4876.0	40.5	3.3	43.8	74.0	-30.2	Peak	Vertical
	11064.0	31.5	16.2	47.7	74.0	-26.3	Peak	Vertical
09	4119.5	35.2	1.1	36.3	74.0	-37.7	Peak	Horizontal
	4901.5	34.6	3.5	38.1	74.0	-35.9	Peak	Horizontal
	11727.0	31.2	17.5	48.7	74.0	-25.3	Peak	Horizontal
	3847.5	34.4	0.2	34.6	74.0	-39.4	Peak	Vertical
	4910.0	39.5	3.6	43.1	74.0	-30.9	Peak	Vertical
	11795.0	30.9	17.4	48.3	74.0	-25.7	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)

Test Site	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-07-03	Test Mode	802.11be-EHT20
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	4196.0	35.6	1.4	37.0	74.0	-37.0	Peak	Horizontal
	4825.0	38.0	3.6	41.6	74.0	-32.4	Peak	Horizontal
	11761.0	31.4	16.9	48.3	74.0	-25.7	Peak	Horizontal
	4111.0	35.6	1.1	36.7	74.0	-37.3	Peak	Vertical
	4816.5	47.1	3.7	50.8	74.0	-23.2	Peak	Vertical
	11480.5	30.0	17.4	47.4	74.0	-26.6	Peak	Vertical
06	4876.0	38.0	3.3	41.3	74.0	-32.7	Peak	Horizontal
	11072.5	30.2	16.4	46.6	74.0	-27.4	Peak	Horizontal
	11642.0	30.3	17.6	47.9	74.0	-26.1	Peak	Horizontal
	4009.0	35.1	0.6	35.7	74.0	-38.3	Peak	Vertical
	4867.5	44.5	3.4	47.9	74.0	-26.1	Peak	Vertical
	11701.5	31.3	17.4	48.7	74.0	-25.3	Peak	Vertical
11	4119.5	34.6	1.1	35.7	74.0	-38.3	Peak	Horizontal
	4927.0	38.2	3.6	41.8	74.0	-32.2	Peak	Horizontal
	11548.5	31.3	17.3	48.6	74.0	-25.4	Peak	Horizontal
	3941.0	36.2	0.3	36.5	74.0	-37.5	Peak	Vertical
	4927.0	45.0	3.6	48.6	74.0	-25.4	Peak	Vertical
	11183.0	31.7	16.9	48.6	74.0	-25.4	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	WZ-AC2	Test Engineer	Bob Zhang
Test Date	2024-07-03	Test Mode	802.11be-EHT40
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.		

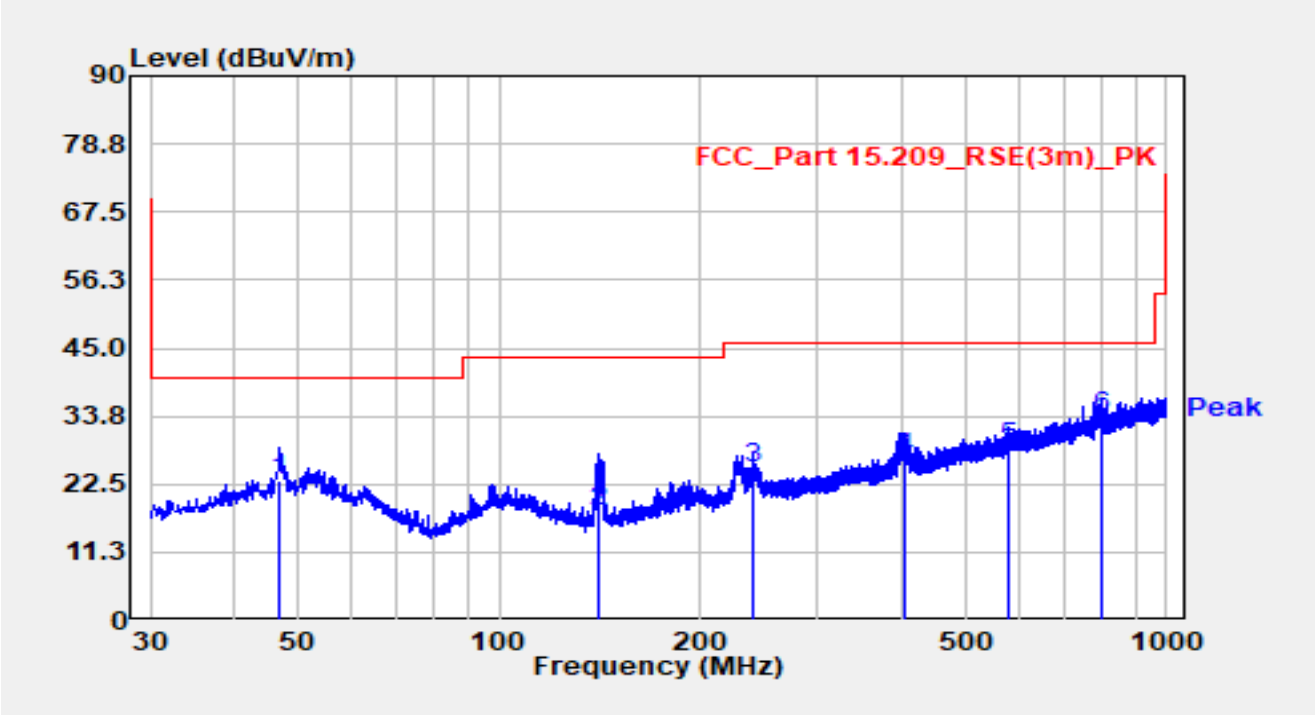
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	4153.5	33.8	1.1	34.9	74.0	-39.1	Peak	Horizontal
	4850.5	38.3	3.6	41.9	74.0	-32.1	Peak	Horizontal
	11081.0	31.8	16.7	48.5	74.0	-25.5	Peak	Horizontal
	3958.0	35.9	0.4	36.3	74.0	-37.7	Peak	Vertical
	4842.0	43.7	3.6	47.3	74.0	-26.7	Peak	Vertical
	11183.0	30.8	16.9	47.7	74.0	-26.3	Peak	Vertical
06	4179.0	36.1	1.2	37.3	74.0	-36.7	Peak	Horizontal
	4884.5	38.6	3.3	41.9	74.0	-32.1	Peak	Horizontal
	11489.0	30.6	17.5	48.1	74.0	-25.9	Peak	Horizontal
	3983.5	38.7	0.4	39.1	74.0	-34.9	Peak	Vertical
	4876.0	45.3	3.3	48.6	74.0	-25.4	Peak	Vertical
	11395.5	31.5	17.3	48.8	74.0	-25.2	Peak	Vertical
09	4910.0	40.2	3.6	43.8	74.0	-30.2	Peak	Horizontal
	11327.5	30.4	17.3	47.7	74.0	-26.3	Peak	Horizontal
	12364.5	32.8	16.9	49.7	74.0	-24.3	Peak	Horizontal
	3949.5	35.9	0.3	36.2	74.0	-37.8	Peak	Vertical
	4901.5	45.2	3.5	48.7	74.0	-25.3	Peak	Vertical
	12067.0	32.3	16.8	49.1	74.0	-24.9	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	WZ-AC2	Test Date	2024-08-07
Test Engineer	Bob Zhang	Temp./Humidity	25.4°C /61.0%
Factor	VULB 9162_30-7000MHz	Polarity	Horizontal
EUT	OmniAccess Stellar (OAW-AP1511)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		46.975	2.60	20.41	23.01	-16.99	40.00	QP
2		141.259	2.60	15.35	17.95	-25.55	43.50	QP
3		240.005	5.20	19.84	25.04	-20.96	46.00	QP
4		403.644	3.10	23.70	26.80	-19.20	46.00	QP
5		580.475	1.20	27.32	28.52	-17.48	46.00	QP
6	*	796.300	2.89	30.68	33.57	-12.43	46.00	QP

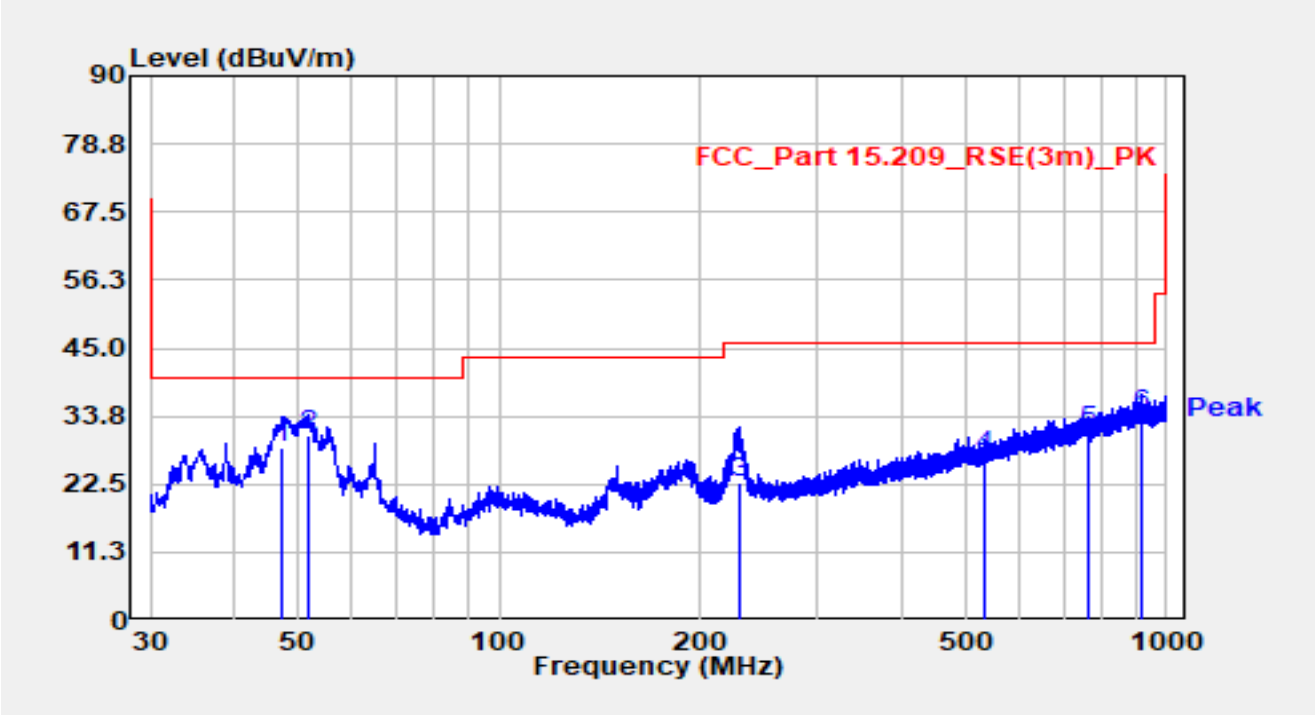
Notes:

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

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).

3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-08-07
Test Engineer	Bob Zhang	Temp./Humidity	25.4°C /61.0%
Factor	VULB 9162_30-7000MHz	Polarity	Vertical
EUT	OmniAccess Stellar (OAW-AP1511)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		47.363	8.20	20.43	28.63	-11.37	40.00	QP
2	*	51.728	10.10	20.44	30.54	-9.46	40.00	QP
3		228.268	3.20	19.44	22.64	-23.36	46.00	QP
4		535.467	1.20	26.13	27.33	-18.67	46.00	QP
5		765.842	1.40	30.01	31.41	-14.59	46.00	QP
6		916.580	1.60	32.29	33.89	-12.11	46.00	QP

Notes:

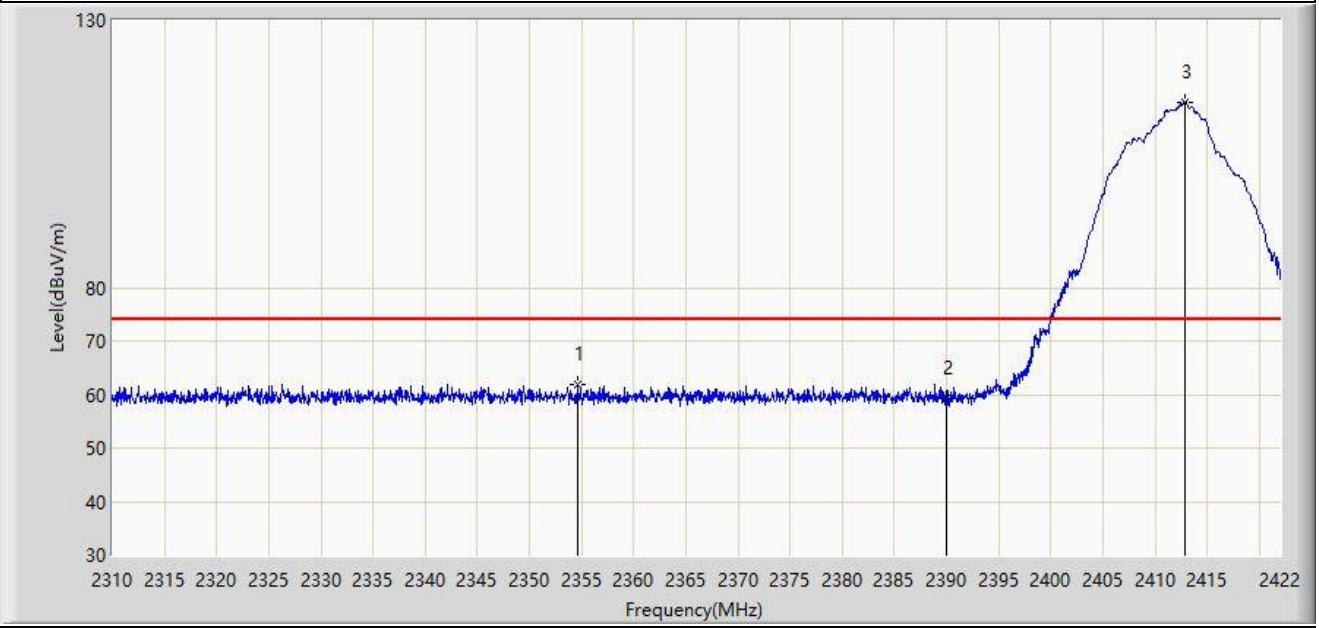
1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).

3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

A.7 Radiated Restricted Band Edge Test Result

Site: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



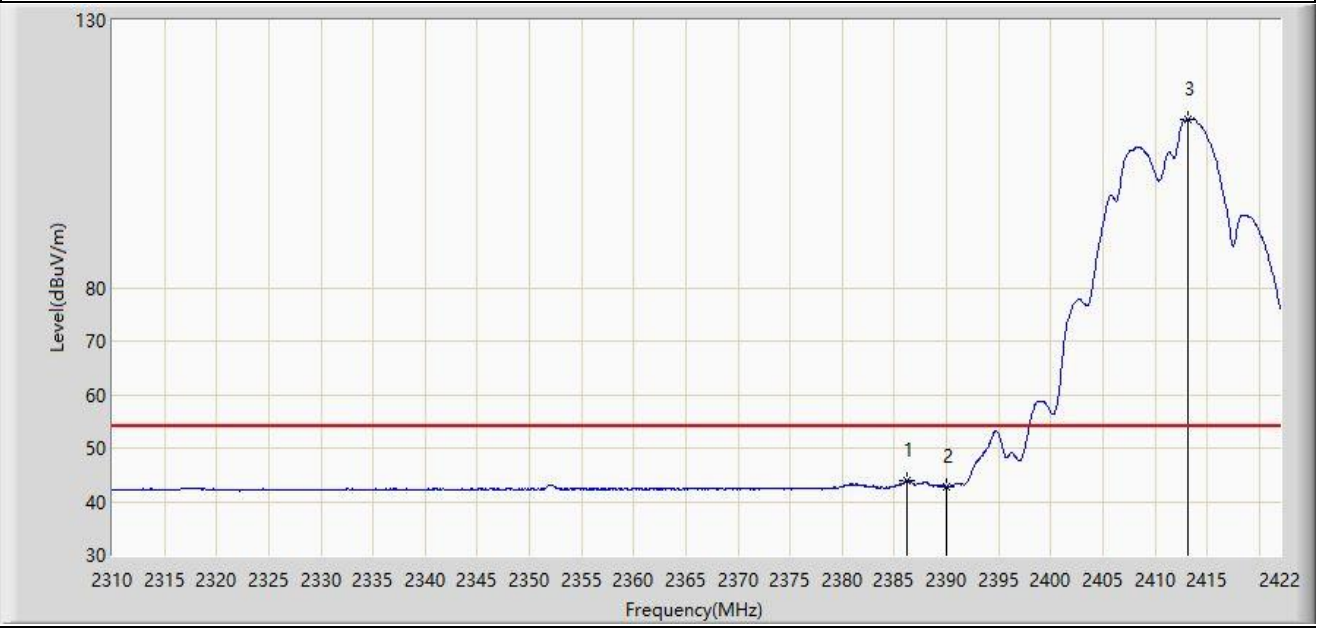
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2354.576	61.880	29.143	-12.120	74.000	32.738	PK
2		2390.000	59.375	26.849	-14.625	74.000	32.527	PK
3		2412.872	114.760	82.299	N/A	N/A	32.460	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



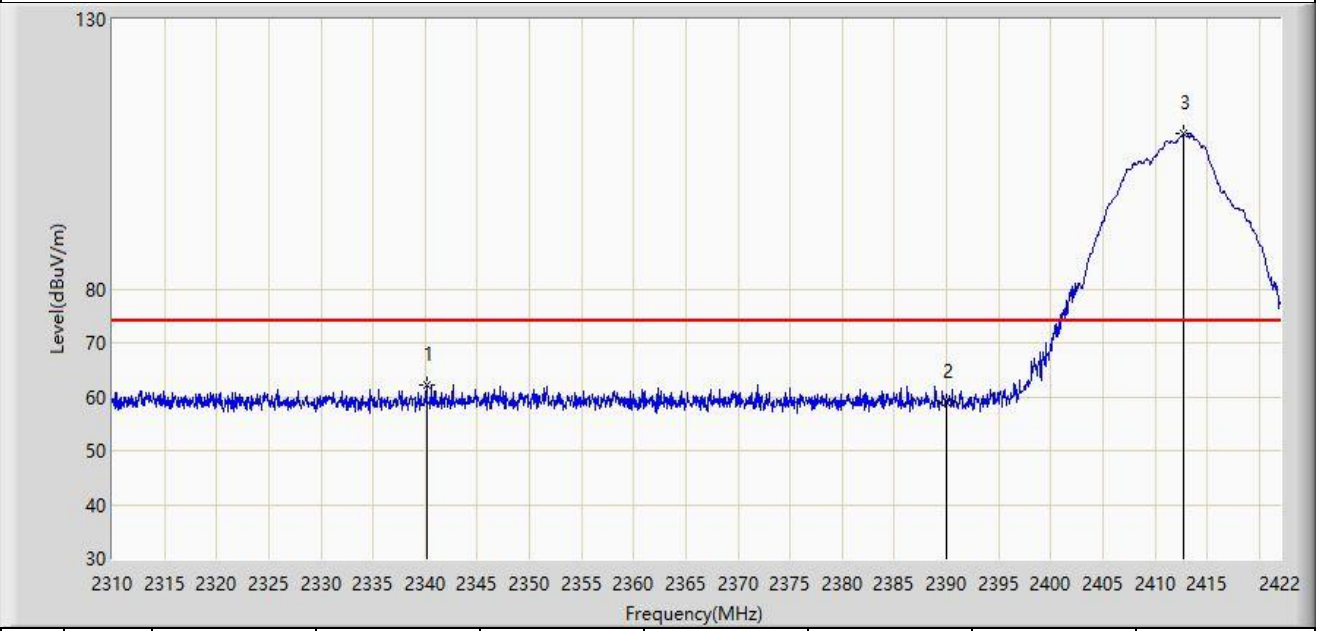
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2386.160	43.835	11.296	-10.165	54.000	32.539	AV
2		2390.000	42.820	10.294	-11.180	54.000	32.527	AV
3		2413.208	111.553	79.093	N/A	N/A	32.459	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



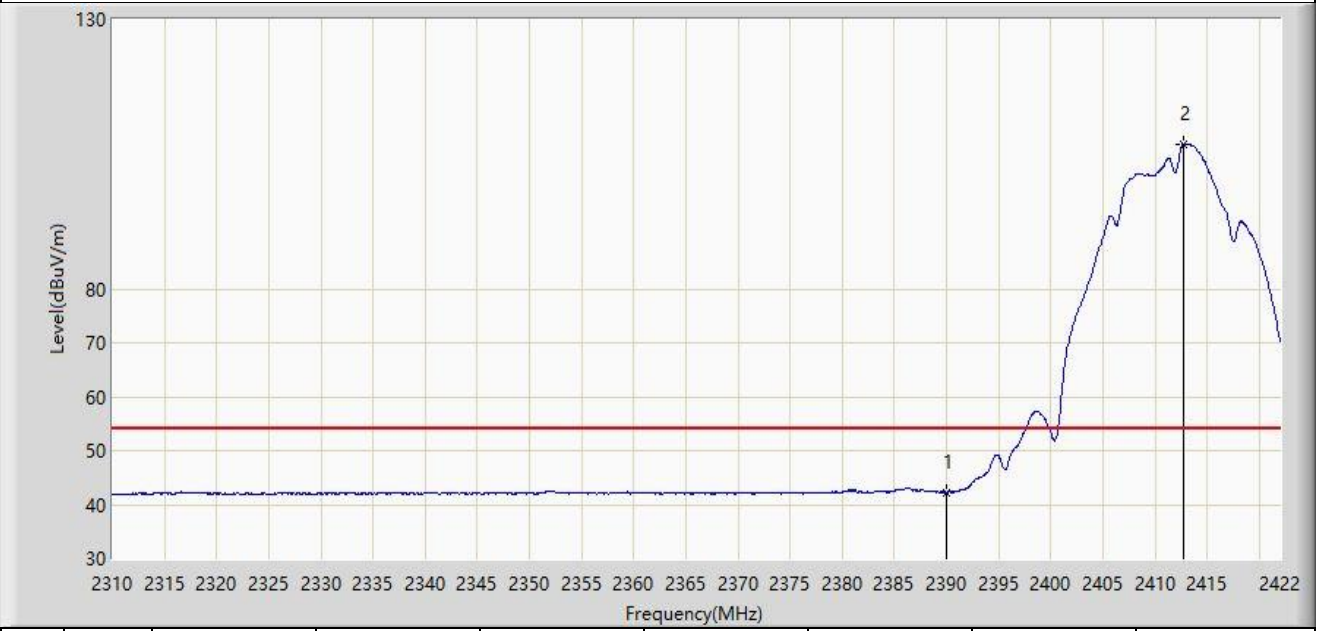
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2340.128	62.045	29.271	-11.955	74.000	32.774	PK
2		2390.000	59.080	26.554	-14.920	74.000	32.527	PK
3		2412.760	108.861	76.400	N/A	N/A	32.461	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



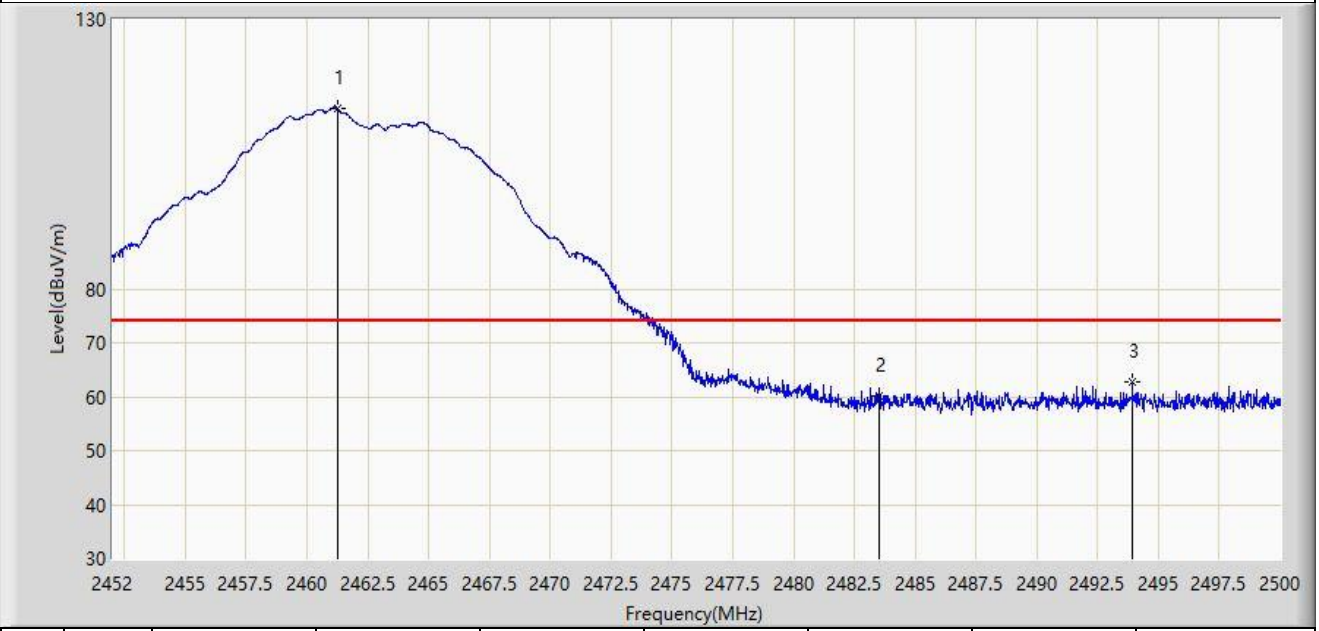
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	42.244	9.718	-11.756	54.000	32.527	AV
2		2412.760	106.906	74.445	N/A	N/A	32.461	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	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		2461.240	113.427	81.065	N/A	N/A	32.362	PK
2		2483.500	60.258	27.876	-13.742	74.000	32.382	PK
3	*	2493.928	62.609	30.224	-11.391	74.000	32.385	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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	

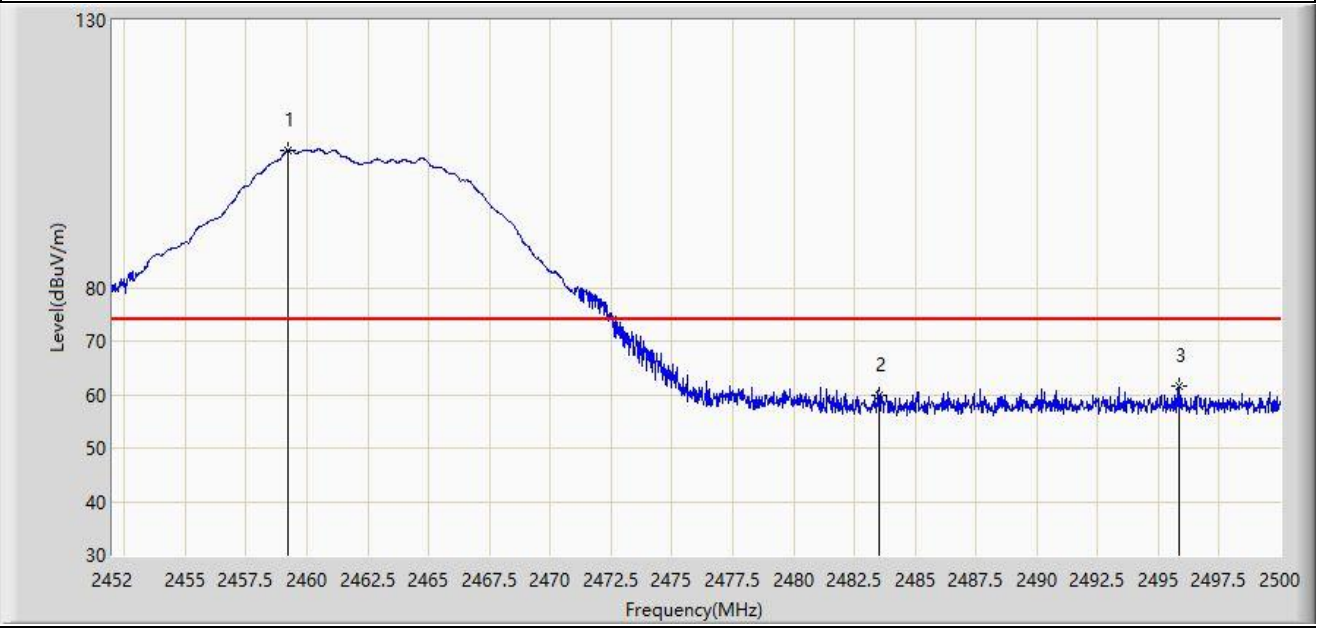
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2460.712	110.874	78.512	N/A	N/A	32.362	AV
2		2483.500	42.965	10.583	-11.035	54.000	32.382	AV
3	*	2484.736	43.513	11.131	-10.487	54.000	32.382	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



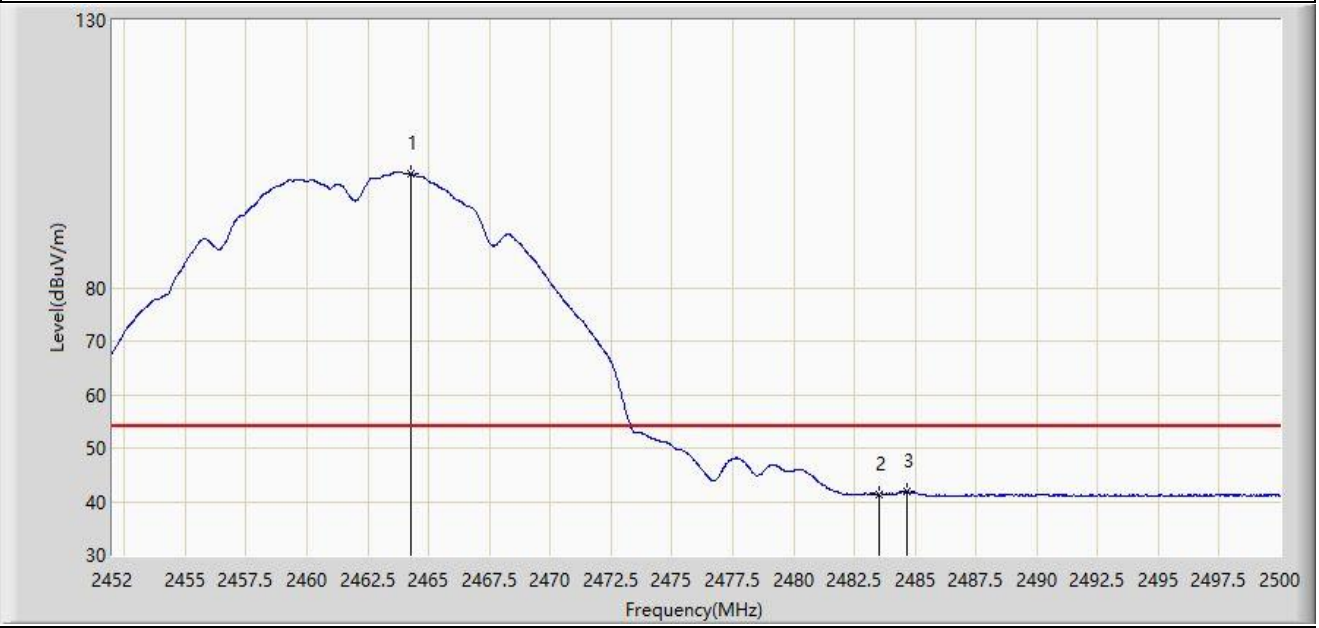
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2459.200	105.635	73.274	N/A	N/A	32.361	PK
2		2483.500	59.774	27.392	-14.226	74.000	32.382	PK
3	*	2495.824	61.661	29.270	-12.339	74.000	32.391	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



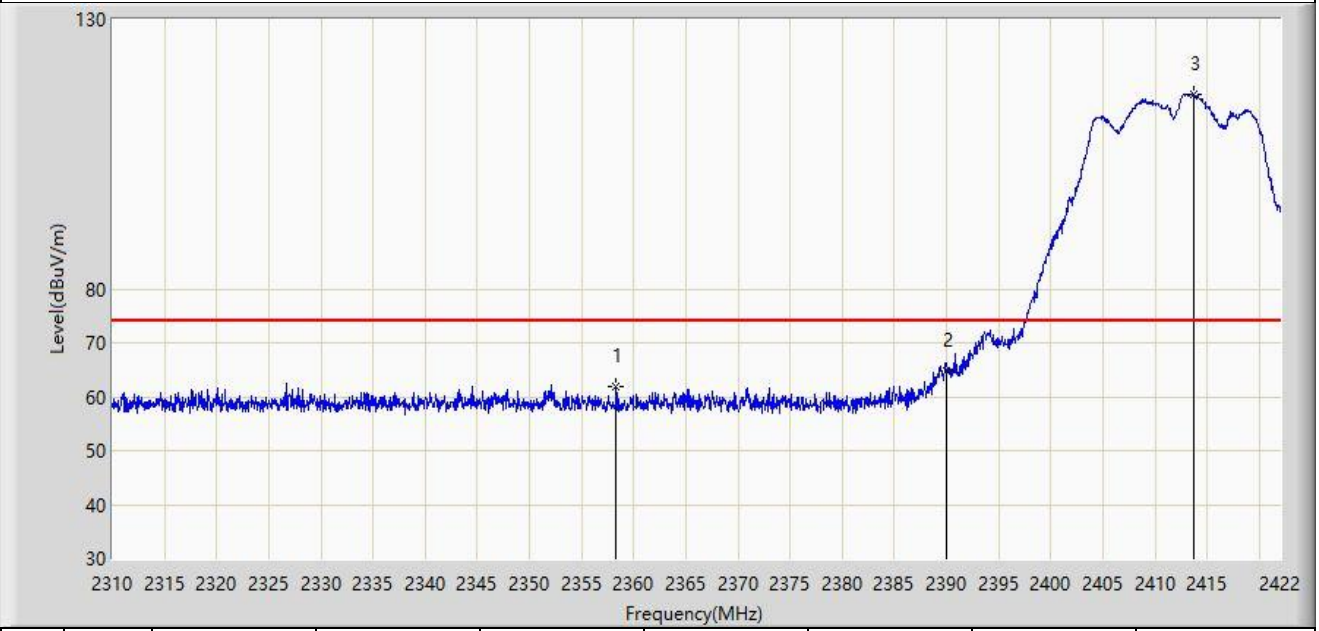
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2464.288	101.324	68.957	N/A	N/A	32.368	AV
2		2483.500	41.425	9.043	-12.575	54.000	32.382	AV
3	*	2484.664	41.824	9.442	-12.176	54.000	32.381	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	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		2358.328	62.007	29.296	-11.993	74.000	32.712	PK
2	*	2390.000	64.682	32.156	-9.318	74.000	32.527	PK
3		2413.656	116.204	83.745	N/A	N/A	32.459	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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	

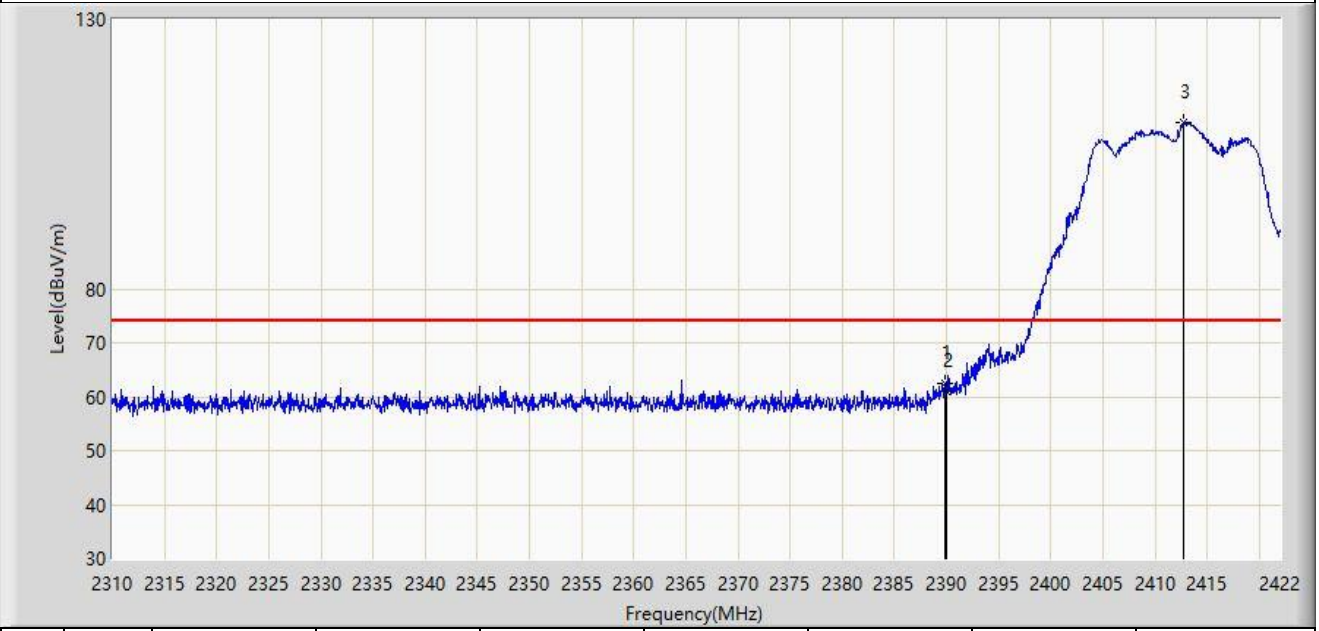
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2388.512	49.473	16.942	-4.527	54.000	32.531	AV
2		2390.000	47.661	15.135	-6.339	54.000	32.527	AV
3		2412.704	108.812	76.351	N/A	N/A	32.461	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



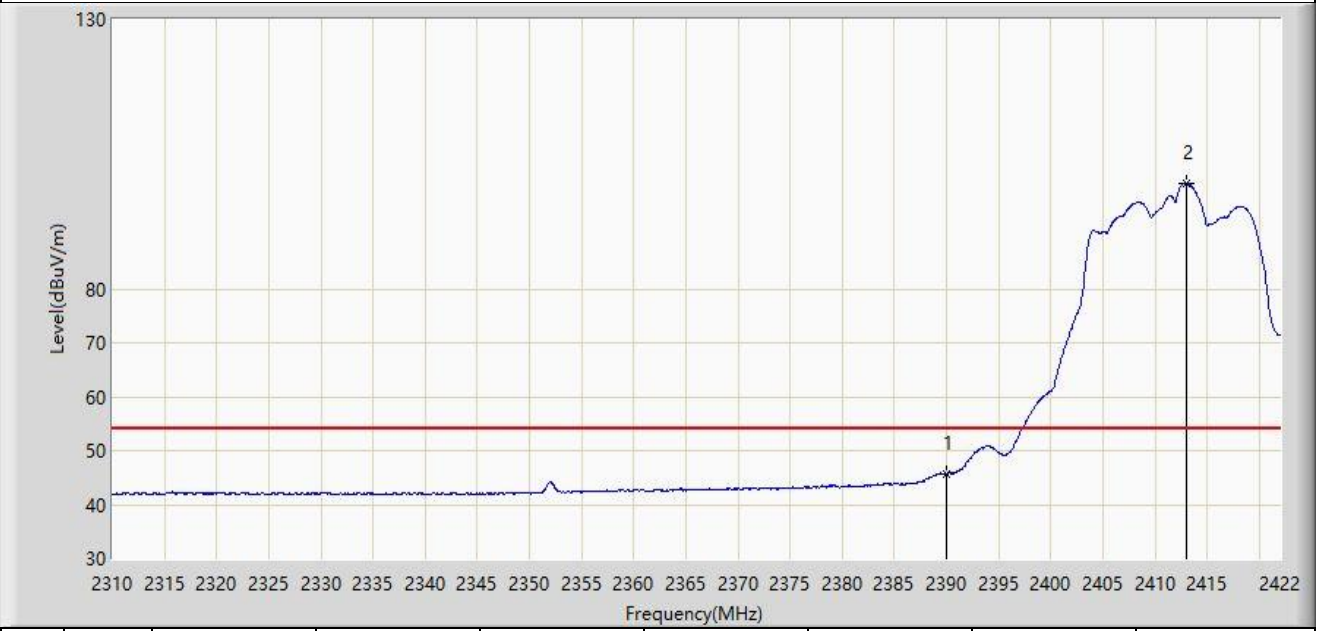
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2389.856	62.451	29.924	-11.549	74.000	32.527	PK
2		2390.000	60.923	28.397	-13.077	74.000	32.527	PK
3		2412.760	110.949	78.488	N/A	N/A	32.461	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



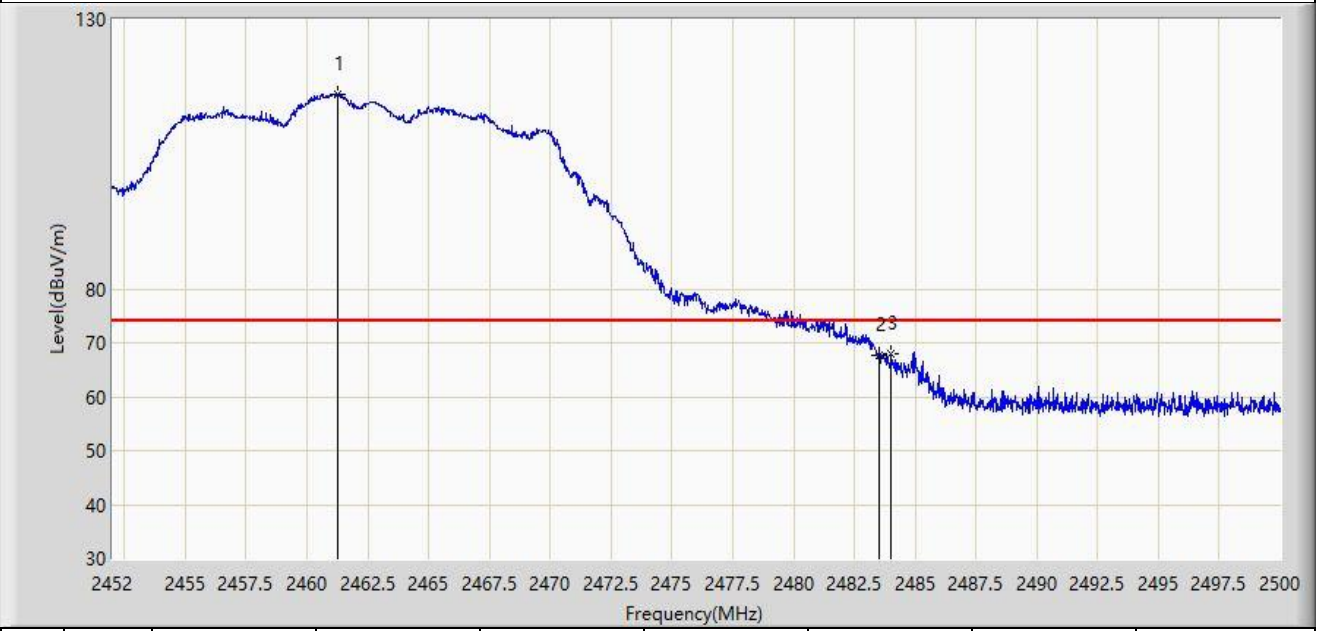
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	45.784	13.258	-8.216	54.000	32.527	AV
2		2413.040	99.612	67.152	N/A	N/A	32.460	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	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		2461.264	116.182	83.820	N/A	N/A	32.362	PK
2		2483.500	67.622	35.240	-6.378	74.000	32.382	PK
3	*	2484.016	68.090	35.708	-5.910	74.000	32.382	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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2462MHz	

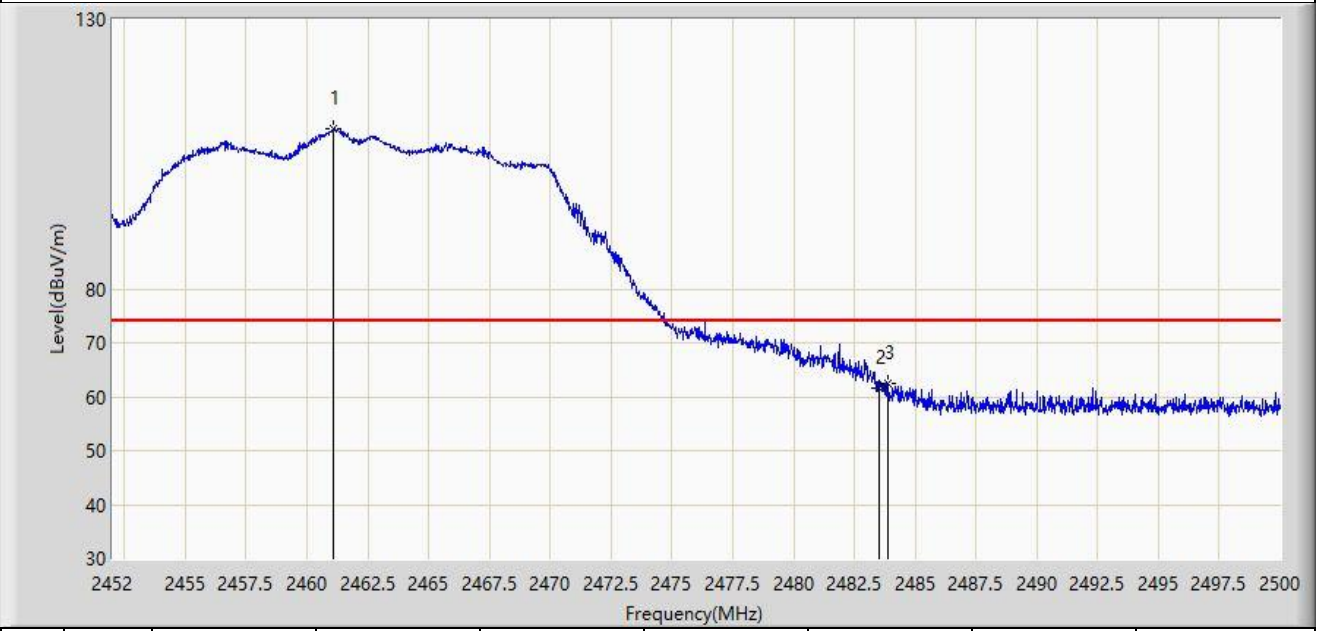
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2461.312	107.048	74.686	N/A	N/A	32.363	AV
2	*	2483.500	50.092	17.710	-3.908	54.000	32.382	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	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		2461.096	109.712	77.350	N/A	N/A	32.362	PK
2		2483.500	61.709	29.327	-12.291	74.000	32.382	PK
3	*	2483.872	62.594	30.212	-11.406	74.000	32.382	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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2462MHz	

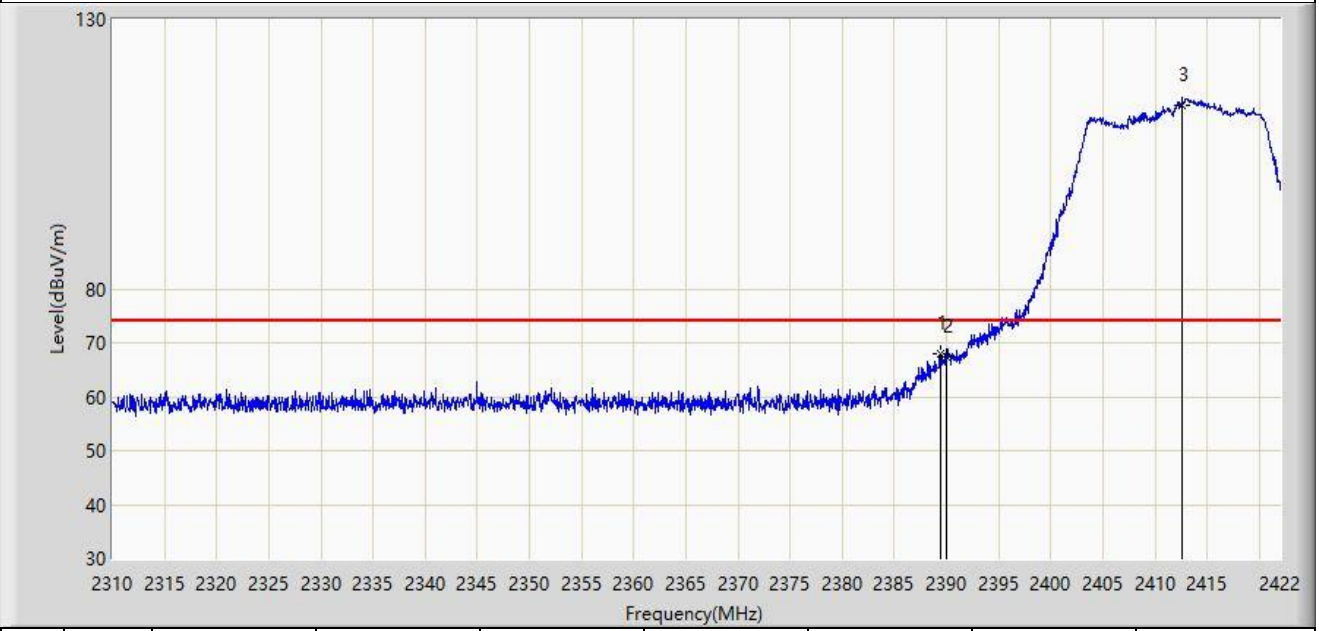
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2461.456	101.038	68.676	N/A	N/A	32.362	AV
2	*	2483.500	47.745	15.363	-6.255	54.000	32.382	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2412MHz	



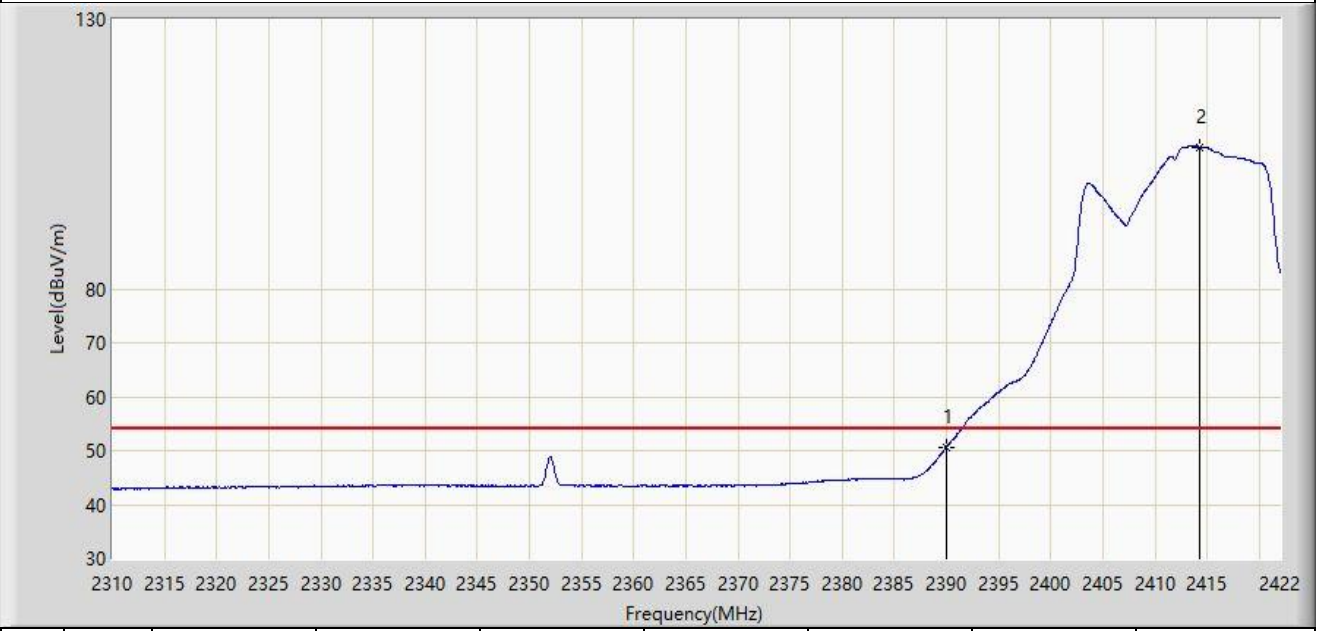
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2389.464	68.097	35.569	-5.903	74.000	32.528	PK
2		2390.000	67.498	34.972	-6.502	74.000	32.527	PK
3		2412.536	113.974	81.513	N/A	N/A	32.461	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2412MHz	



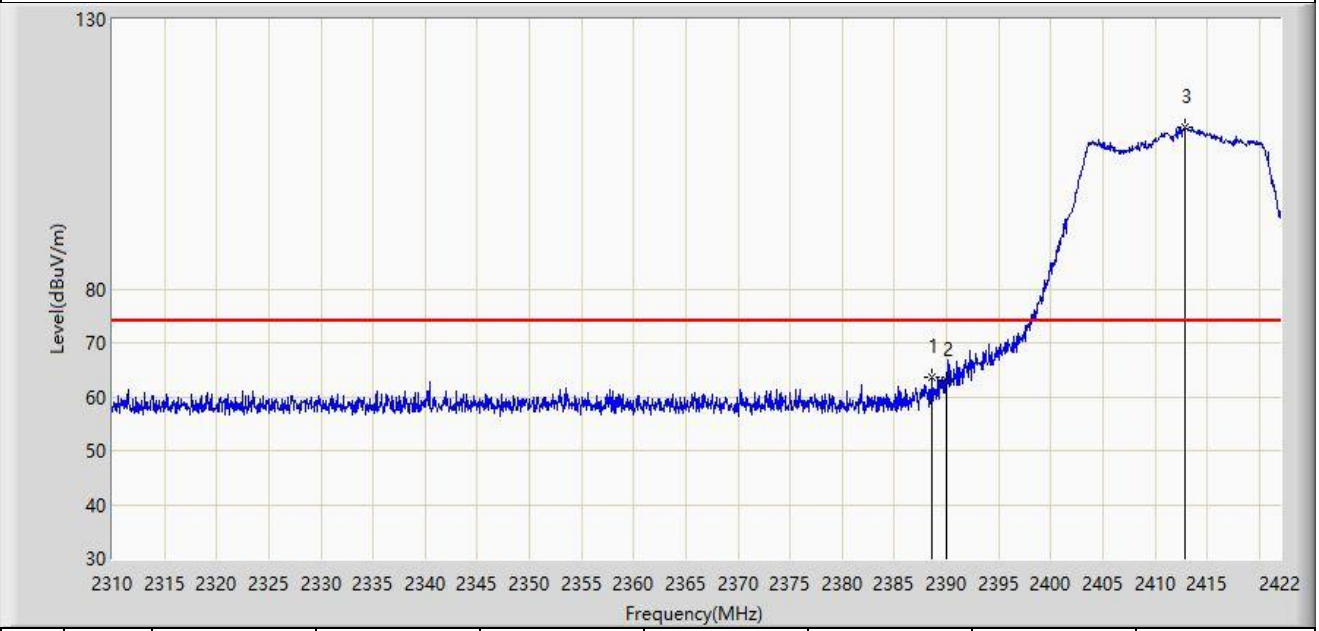
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	50.716	18.190	-3.284	54.000	32.527	AV
2		2414.272	106.295	73.838	N/A	N/A	32.457	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2412MHz	



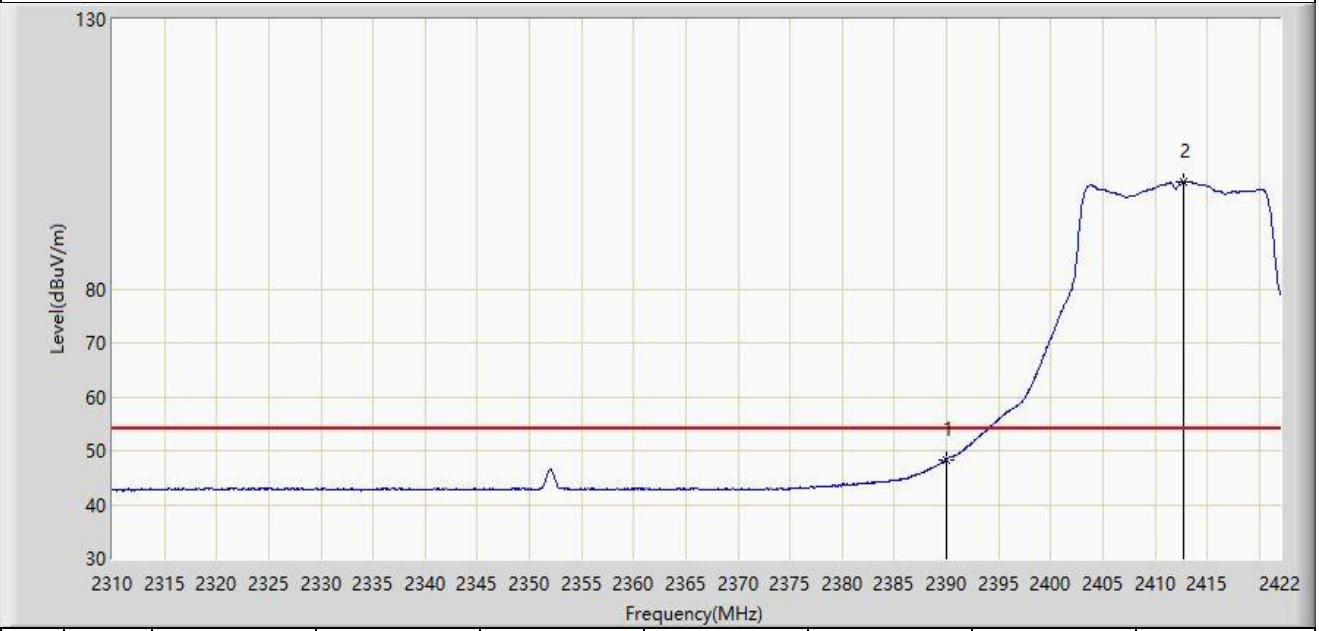
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2388.624	63.725	31.194	-10.275	74.000	32.530	PK
2		2390.000	63.151	30.625	-10.849	74.000	32.527	PK
3		2412.928	110.066	77.606	N/A	N/A	32.460	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2412MHz	



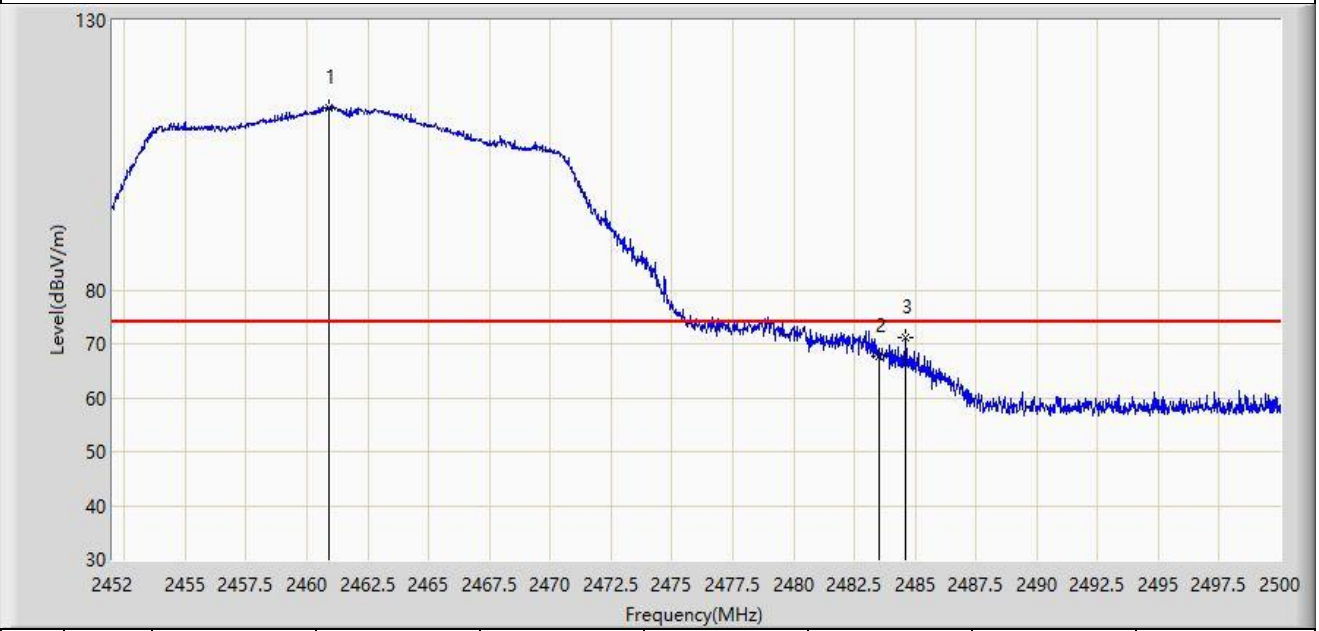
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	48.383	15.857	-5.617	54.000	32.527	AV
2		2412.704	99.905	67.444	N/A	N/A	32.461	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	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		2460.928	113.801	81.439	N/A	N/A	32.362	PK
2		2483.500	67.710	35.328	-6.290	74.000	32.382	PK
3	*	2484.592	71.283	38.901	-2.717	74.000	32.381	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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2462MHz	

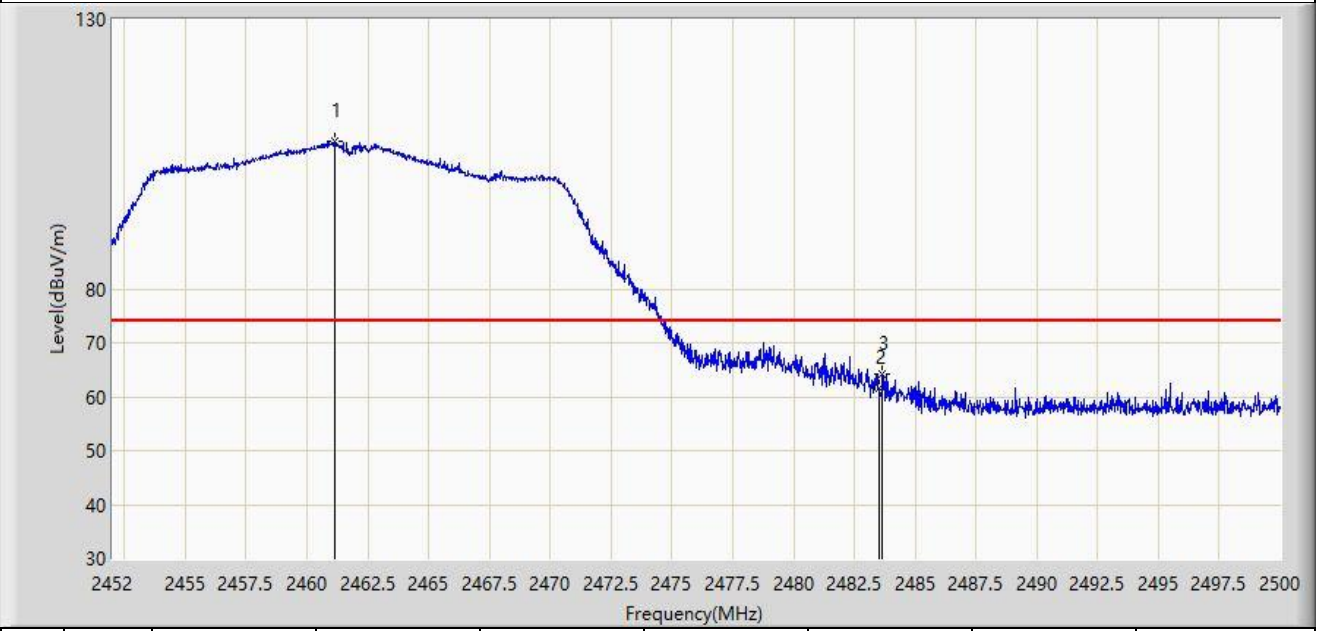
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2461.240	104.711	72.349	N/A	N/A	32.362	AV
2	*	2483.500	52.305	19.923	-1.695	54.000	32.382	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2462MHz	



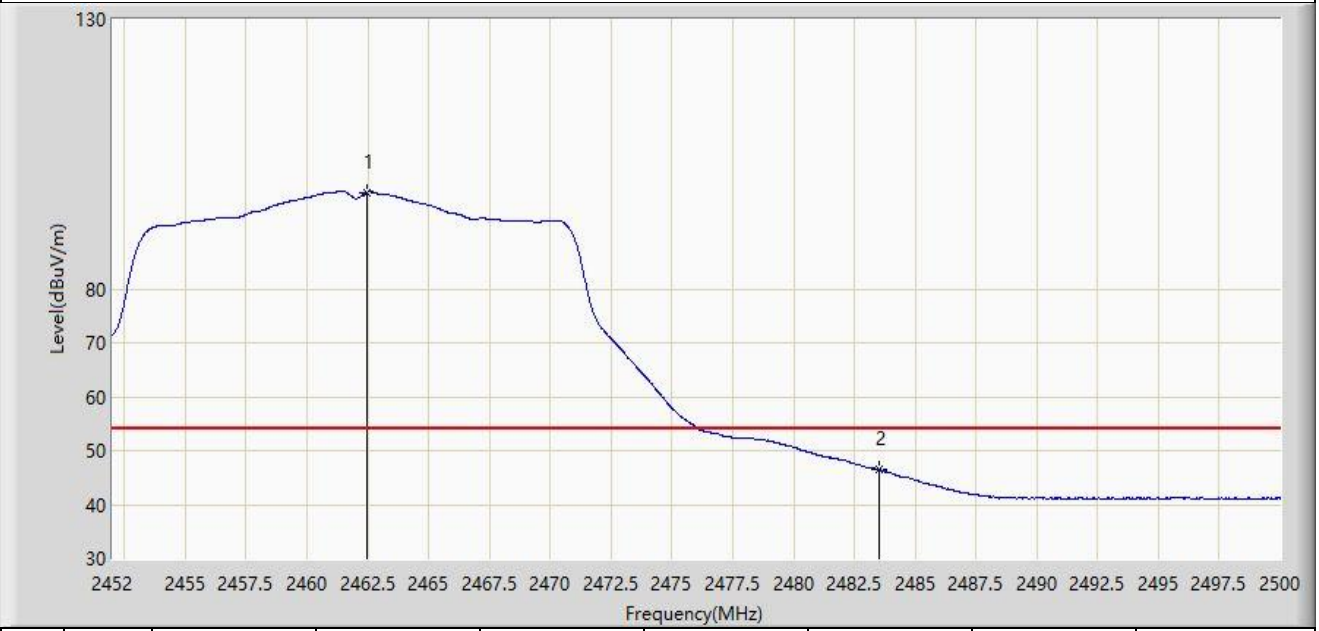
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2461.168	107.253	74.891	N/A	N/A	32.362	PK
2		2483.500	61.693	29.311	-12.307	74.000	32.382	PK
3	*	2483.656	64.288	31.906	-9.712	74.000	32.382	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2462MHz	



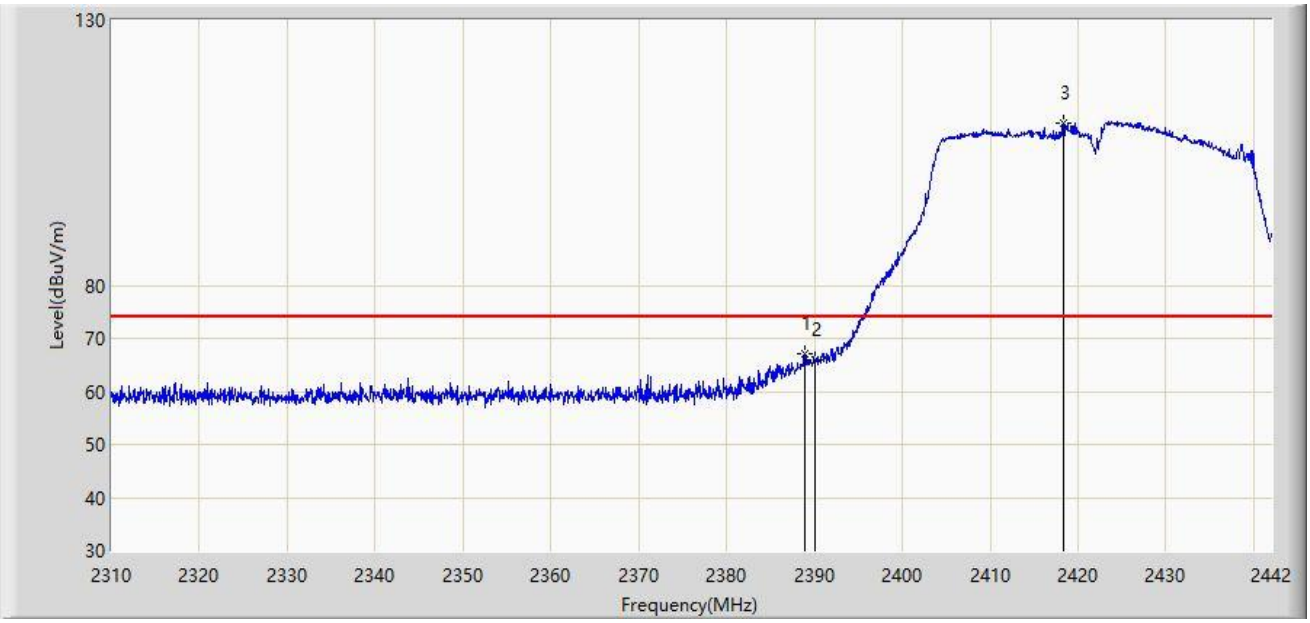
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2462.440	97.889	65.526	N/A	N/A	32.364	AV
2	*	2483.500	46.391	14.009	-7.609	54.000	32.382	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2422MHz	



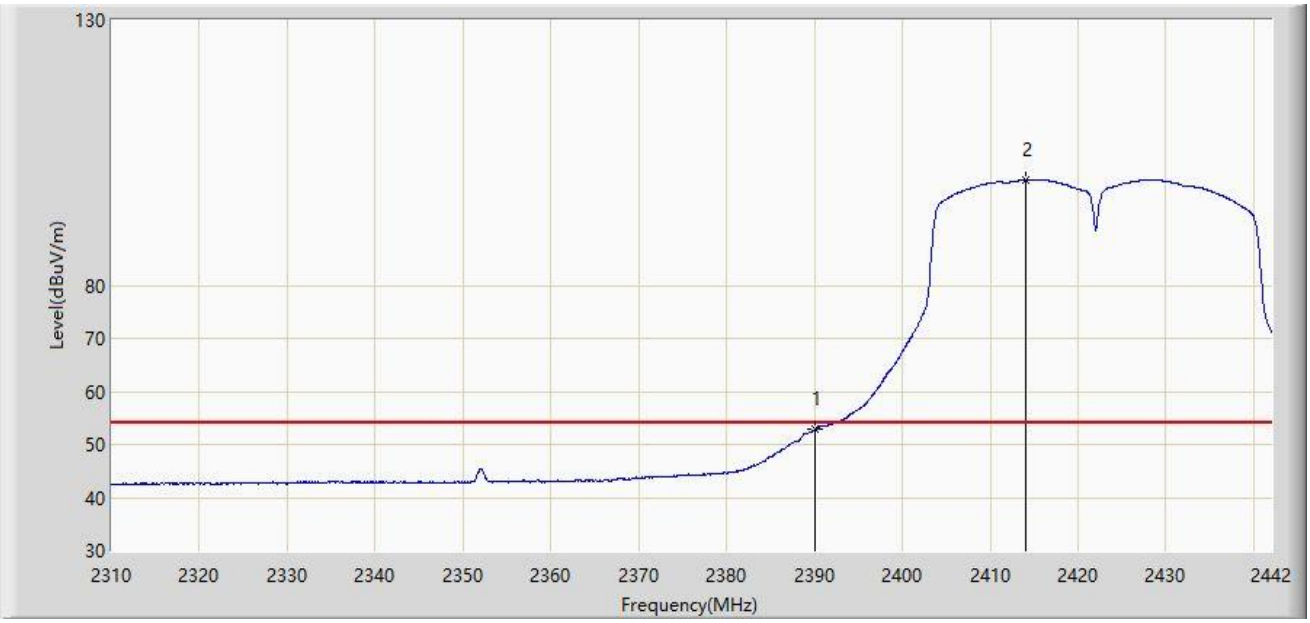
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2388.870	67.036	34.506	-6.964	74.000	32.531	PK
2		2390.000	65.927	33.401	-8.073	74.000	32.527	PK
3		2418.372	110.668	78.220	N/A	N/A	32.448	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2422MHz	



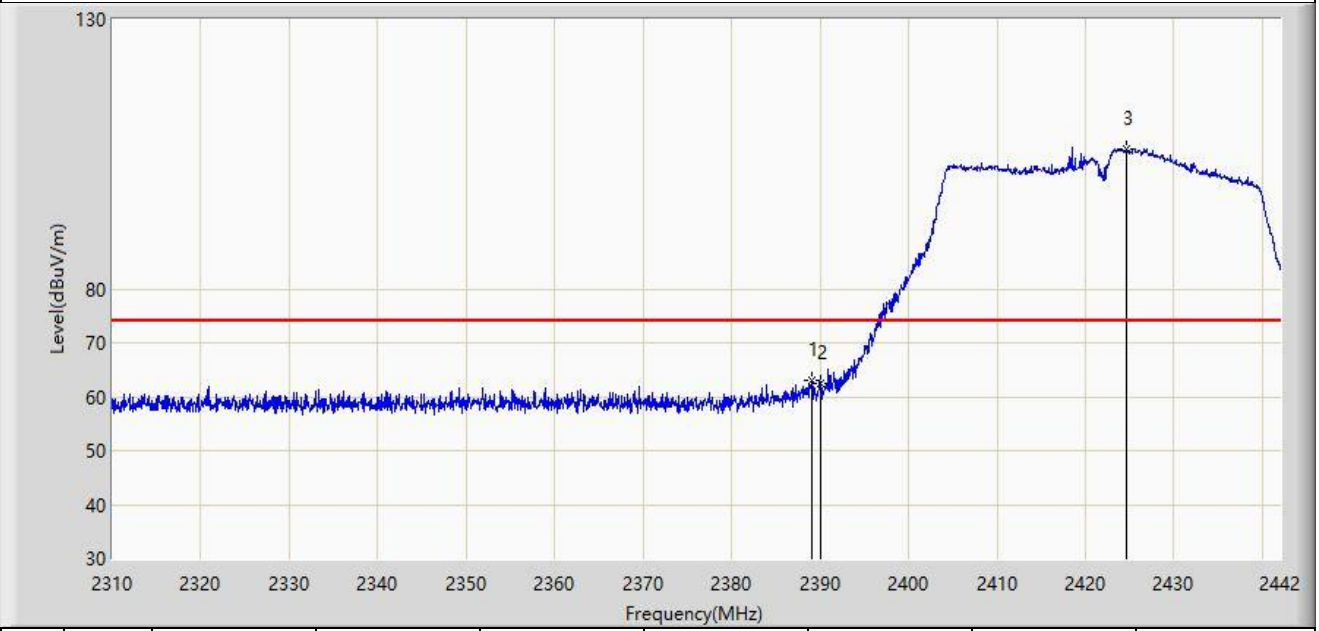
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	52.807	20.281	-1.193	54.000	32.527	AV
2		2414.016	99.870	67.412	N/A	N/A	32.458	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2422MHz	



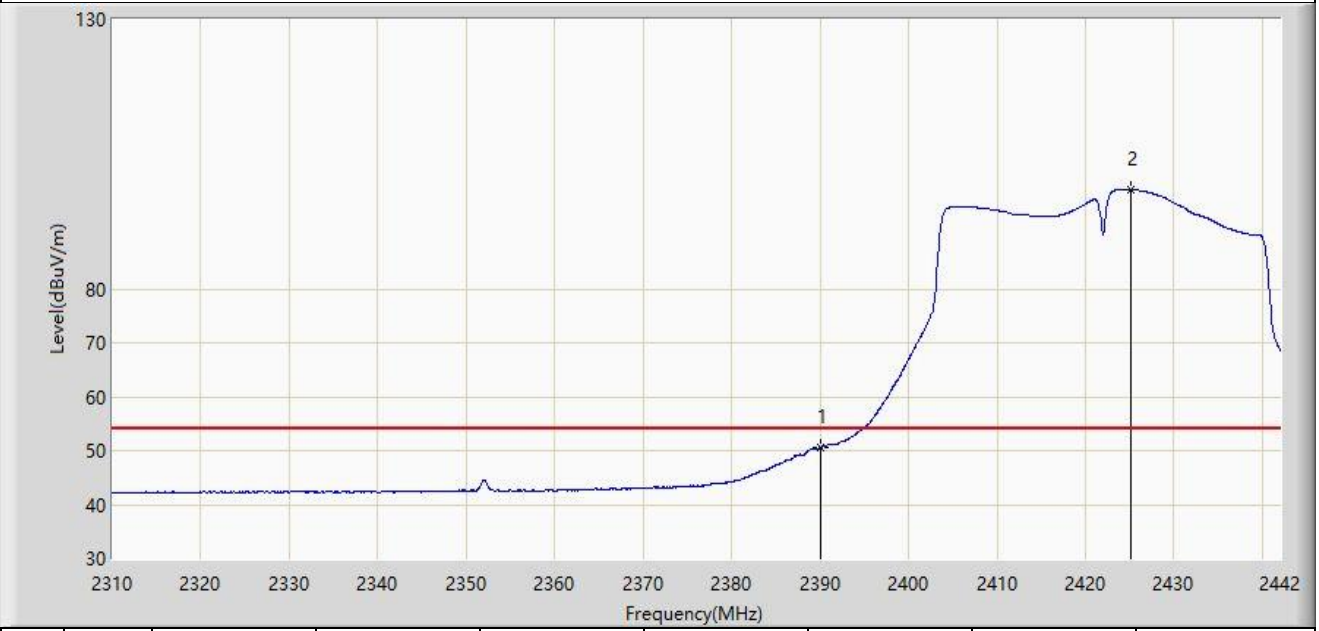
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2389.134	62.989	30.460	-11.011	74.000	32.530	PK
2		2390.000	62.456	29.930	-11.544	74.000	32.527	PK
3		2424.642	105.994	73.564	N/A	N/A	32.430	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2422MHz	



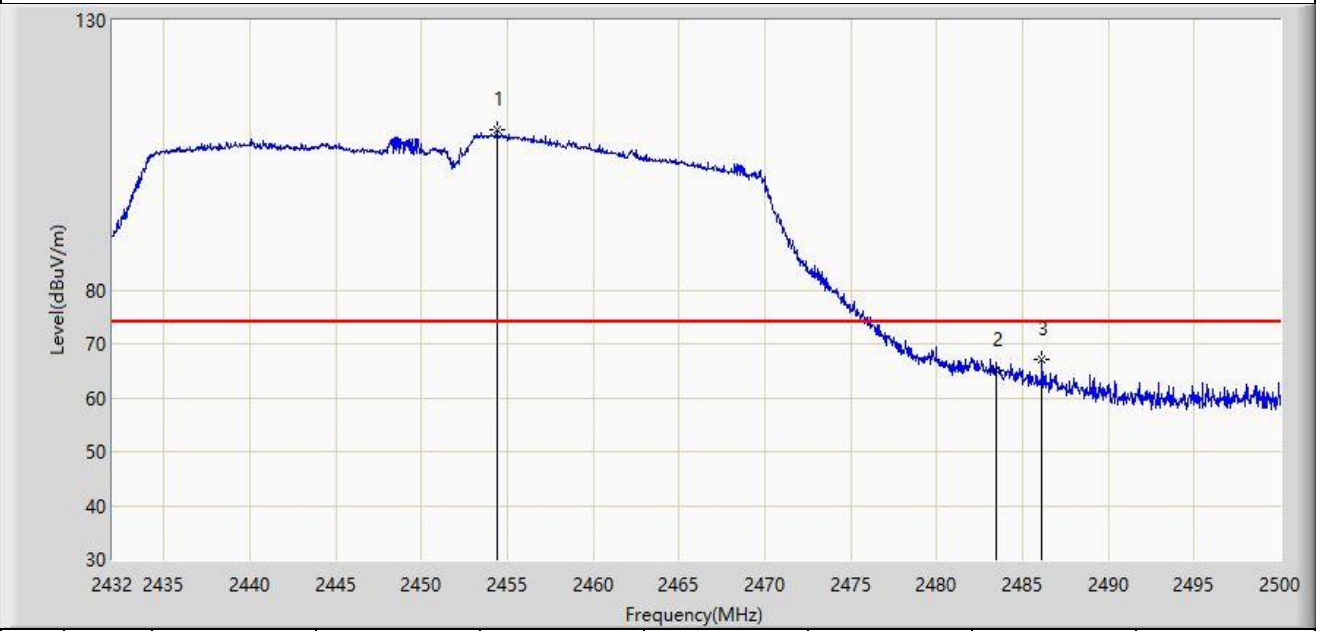
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	50.575	18.049	-3.425	54.000	32.527	AV
2		2425.170	98.479	66.051	N/A	N/A	32.428	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2452MHz	



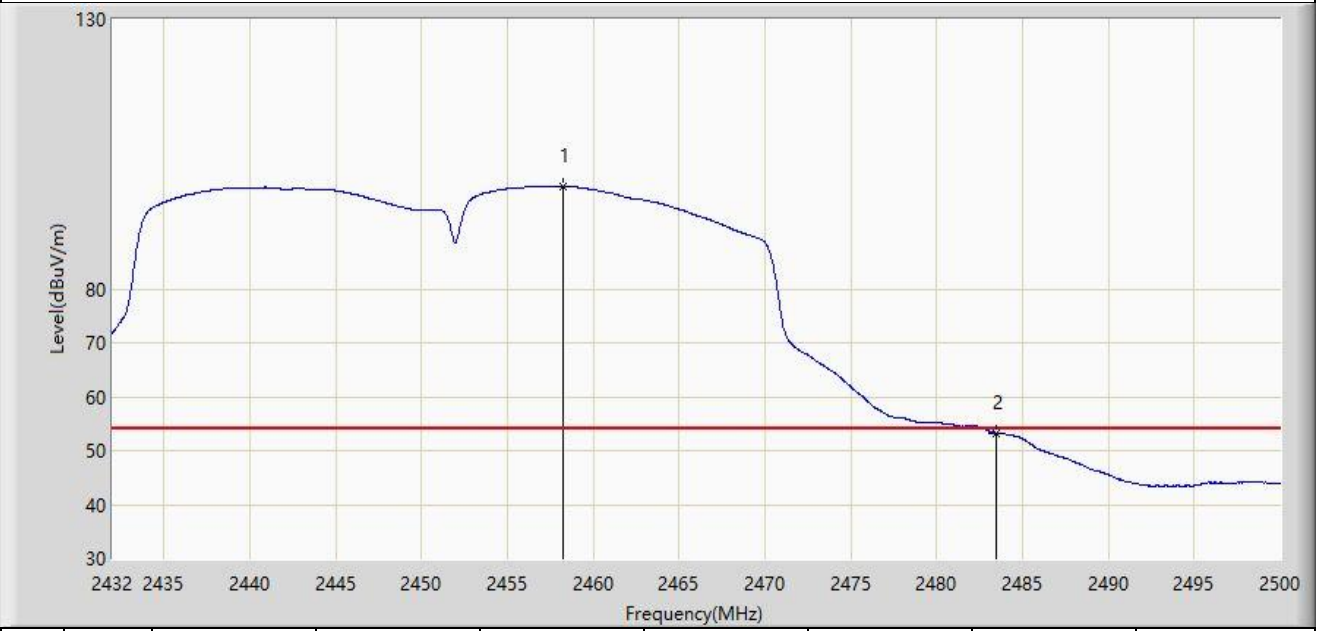
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2454.372	109.757	77.394	N/A	N/A	32.363	PK
2		2483.500	64.980	32.598	-9.020	74.000	32.382	PK
3	*	2486.128	67.008	34.627	-6.992	74.000	32.381	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2452MHz	



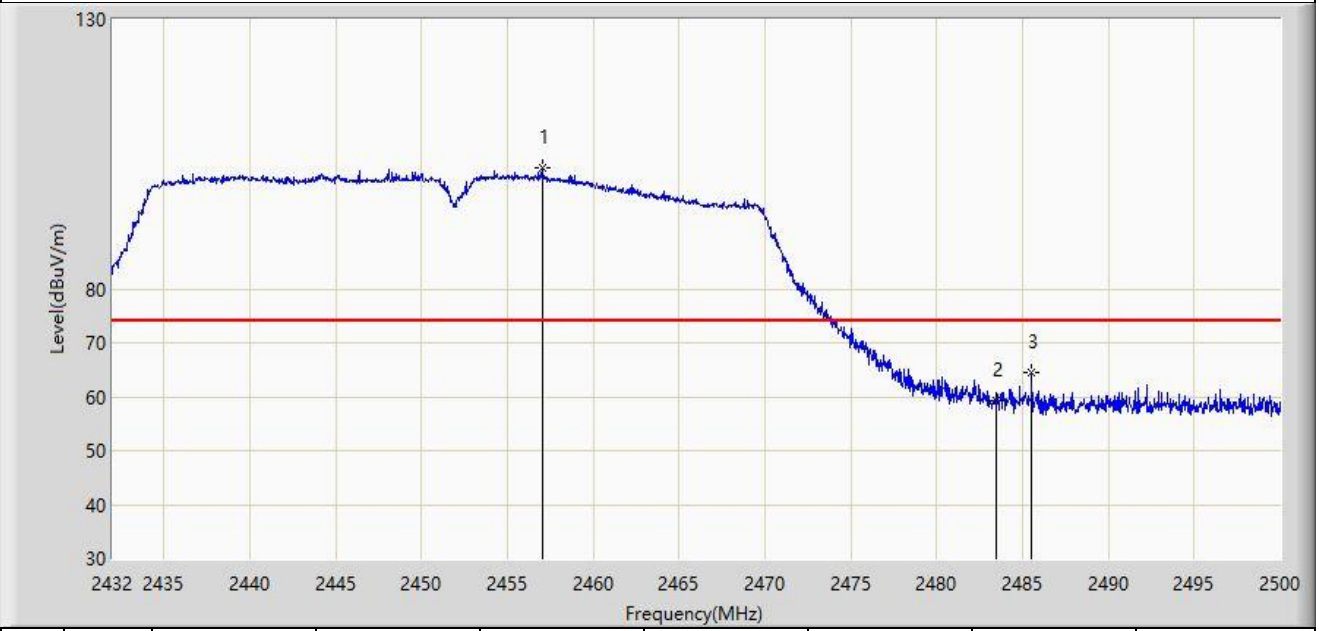
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2458.282	98.962	66.602	N/A	N/A	32.360	AV
2	*	2483.500	53.282	20.900	-0.718	54.000	32.382	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2452MHz	



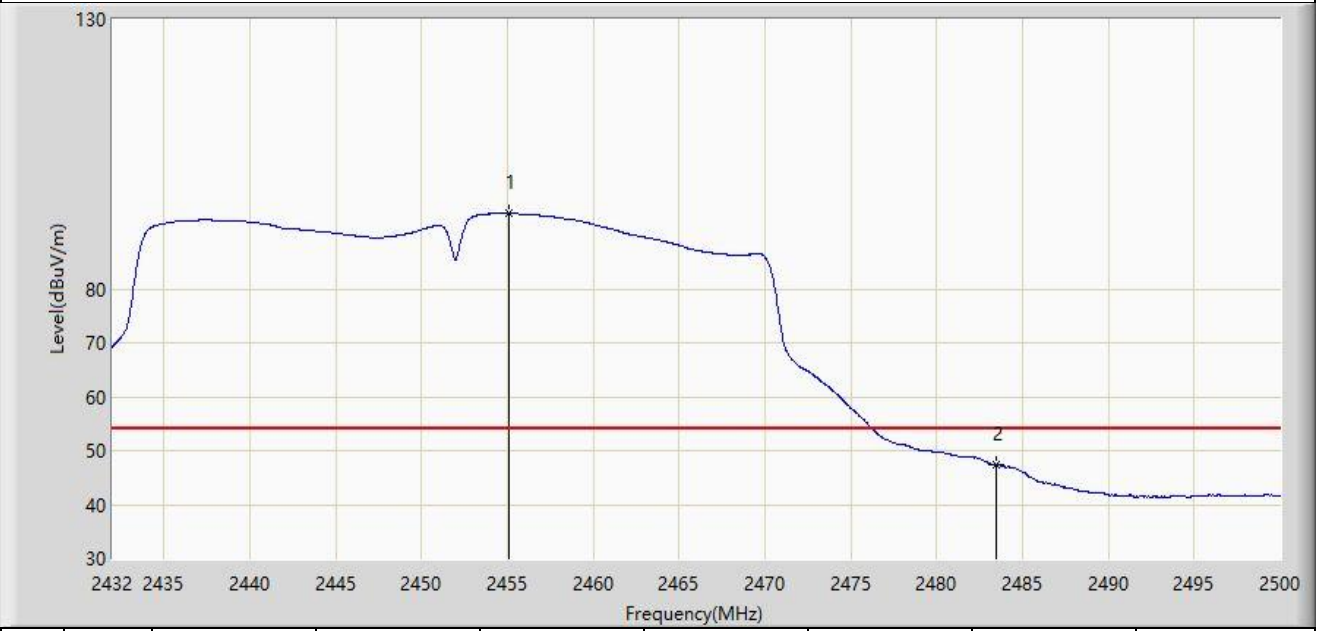
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2457.024	102.328	69.968	N/A	N/A	32.359	PK
2		2483.500	59.305	26.923	-14.695	74.000	32.382	PK
3	*	2485.550	64.399	32.018	-9.601	74.000	32.381	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at 2452MHz	



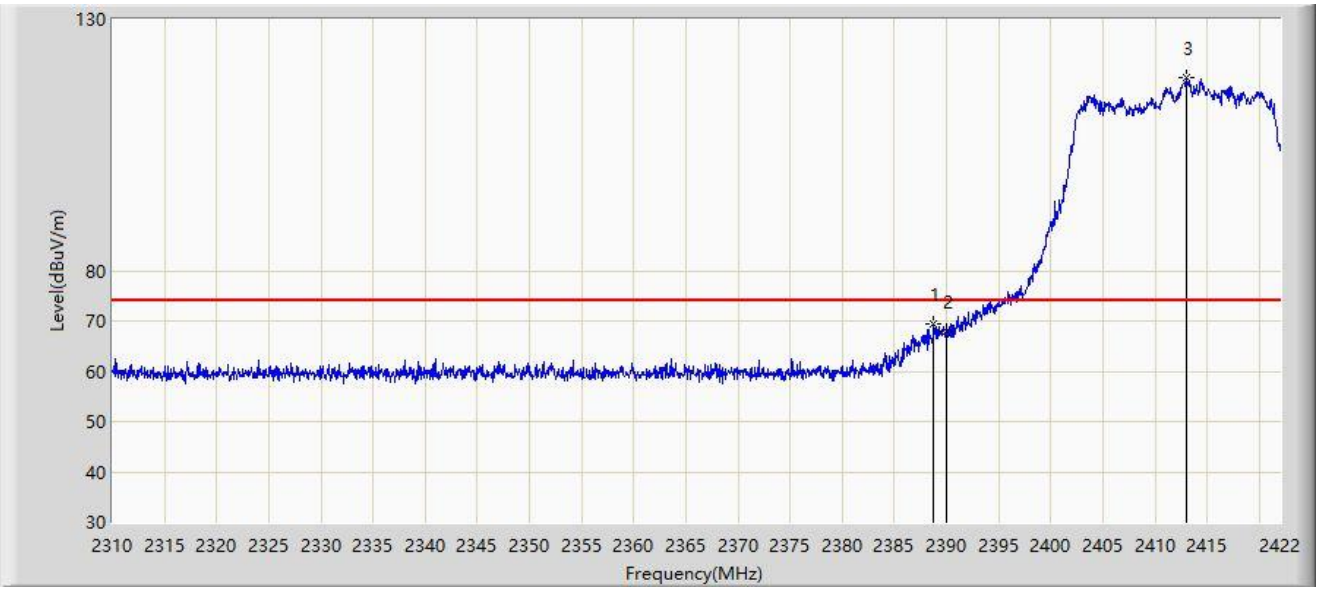
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2455.120	93.993	61.632	N/A	N/A	32.361	AV
2	*	2483.500	47.372	14.990	-6.628	54.000	32.382	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2412MHz	



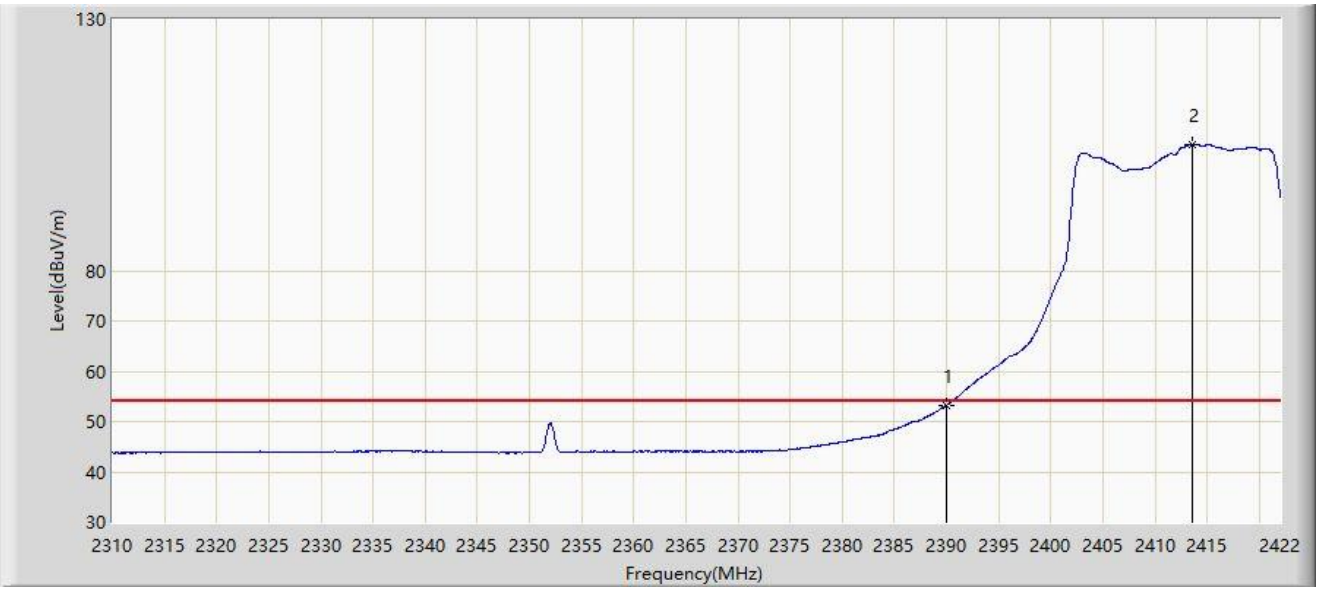
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2388.792	69.391	36.861	-4.609	74.000	32.531	PK
2		2390.000	67.919	35.393	-6.081	74.000	32.527	PK
3		2412.984	118.353	85.893	N/A	N/A	32.460	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2412MHz	



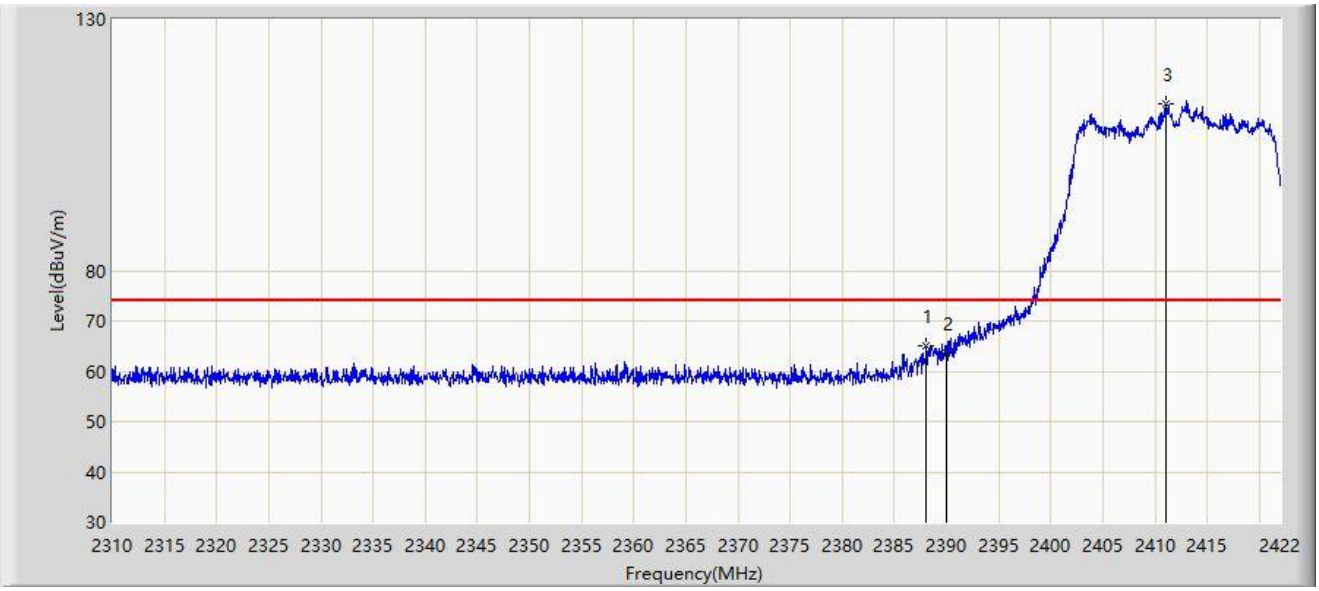
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	53.273	20.747	-0.727	54.000	32.527	AV
2		2413.600	105.211	72.752	N/A	N/A	32.459	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2412MHz	



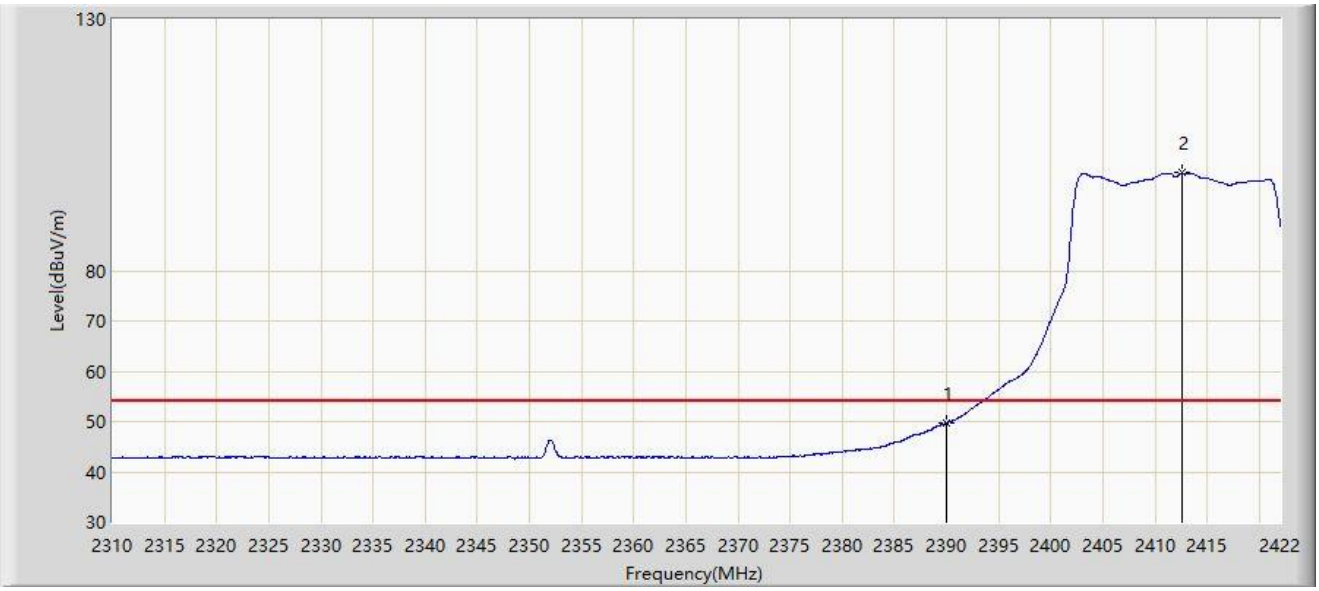
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2388.064	64.998	32.465	-9.002	74.000	32.532	PK
2		2390.000	63.619	31.093	-10.381	74.000	32.527	PK
3		2411.080	113.229	80.764	N/A	N/A	32.465	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2412MHz	



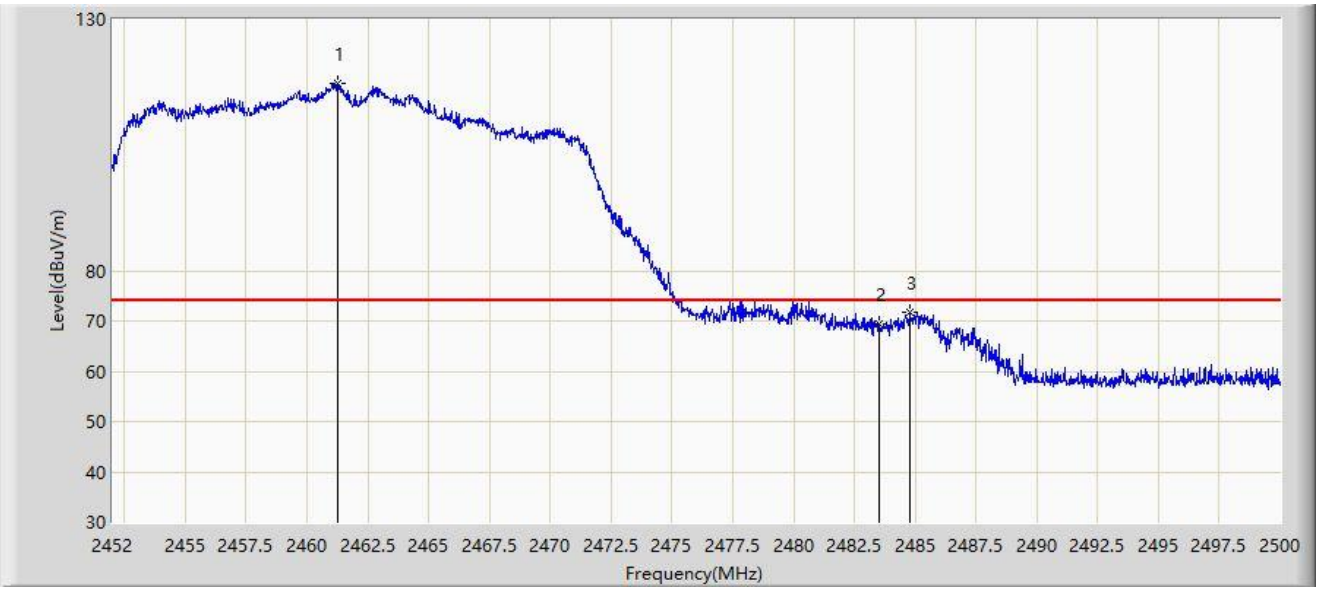
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	49.664	17.138	-4.336	54.000	32.527	AV
2		2412.592	99.434	66.973	N/A	N/A	32.461	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2462MHz	



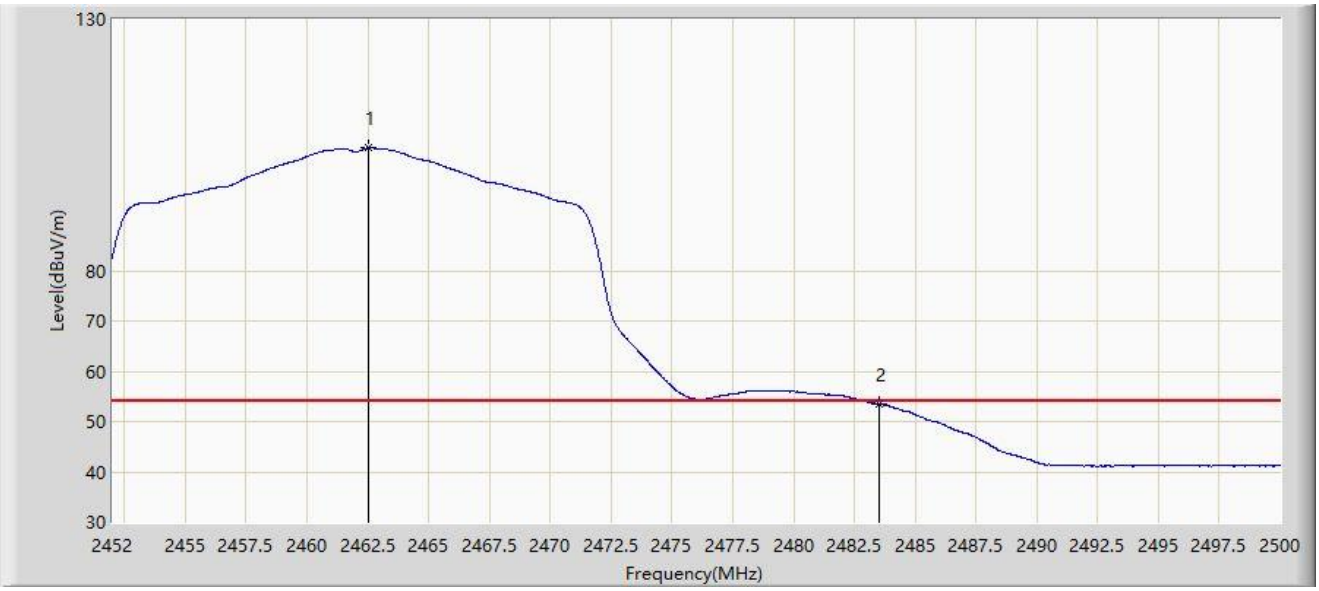
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2461.288	117.141	84.779	N/A	N/A	32.362	PK
2		2483.500	69.287	36.905	-4.713	74.000	32.382	PK
3	*	2484.760	71.831	39.449	-2.169	74.000	32.382	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2462MHz	



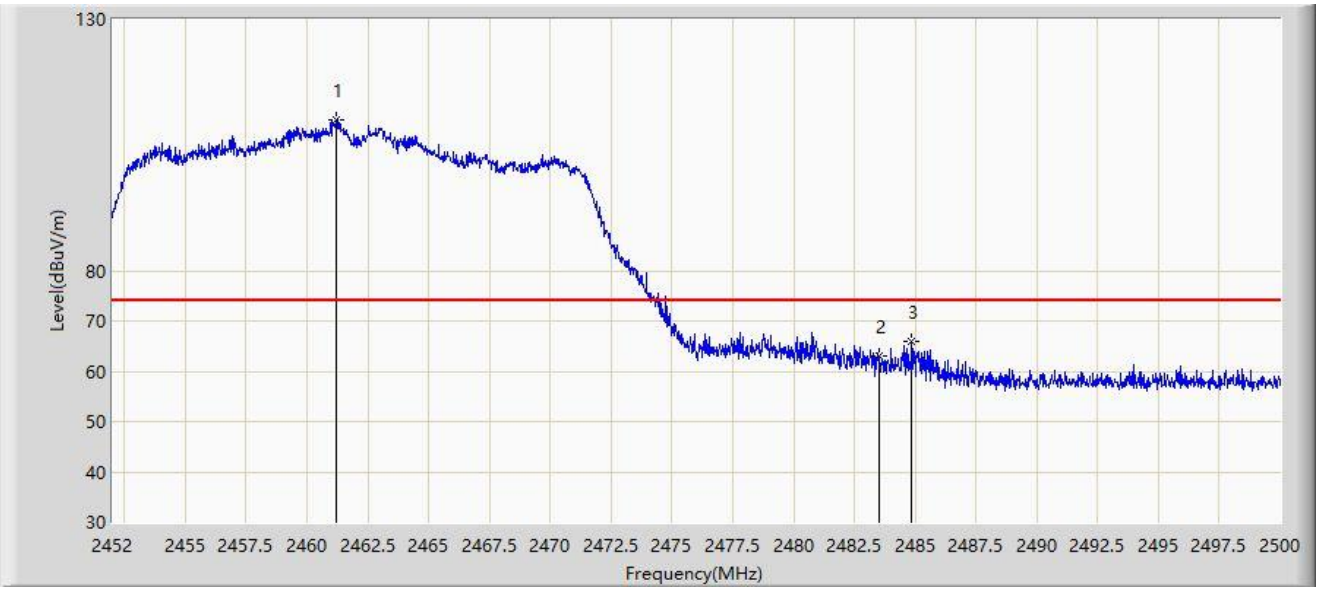
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2462.512	104.416	72.052	N/A	N/A	32.363	AV
2	*	2483.500	53.440	21.058	-0.560	54.000	32.382	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2462MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2461.216	110.045	77.683	N/A	N/A	32.362	PK
2		2483.500	63.105	30.723	-10.895	74.000	32.382	PK
3	*	2484.856	66.066	33.684	-7.934	74.000	32.382	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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 2462MHz	

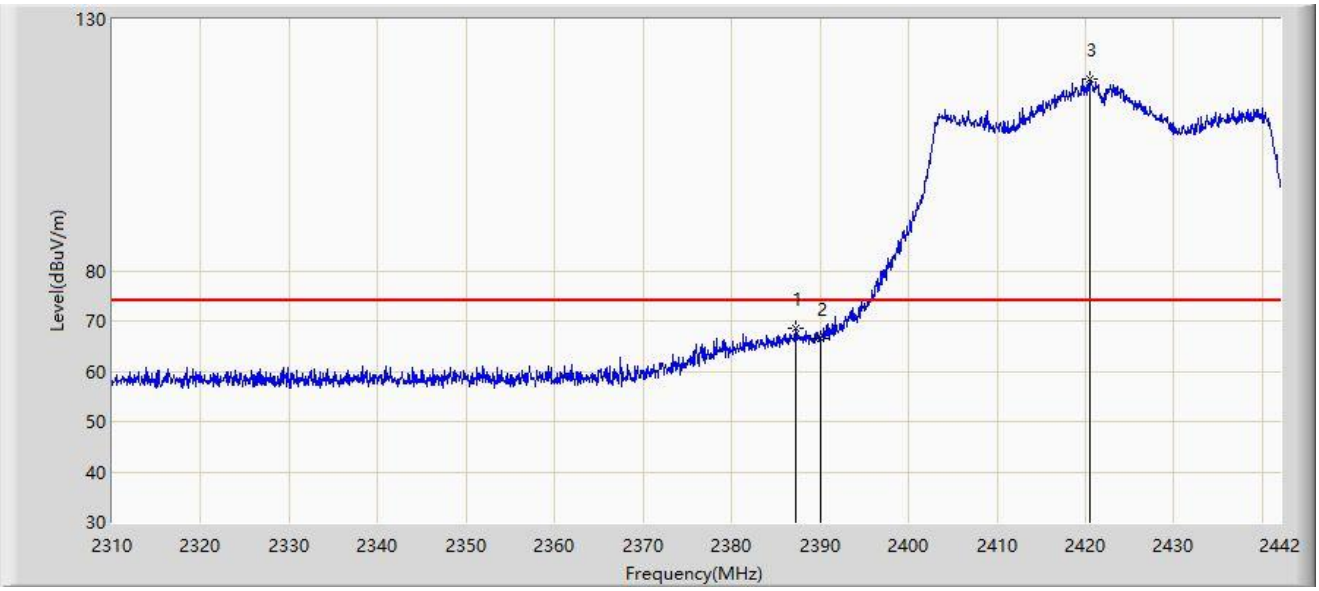
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2461.384	97.750	65.388	N/A	N/A	32.363	AV
2	*	2483.500	46.874	14.492	-7.126	54.000	32.382	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2422MHz	



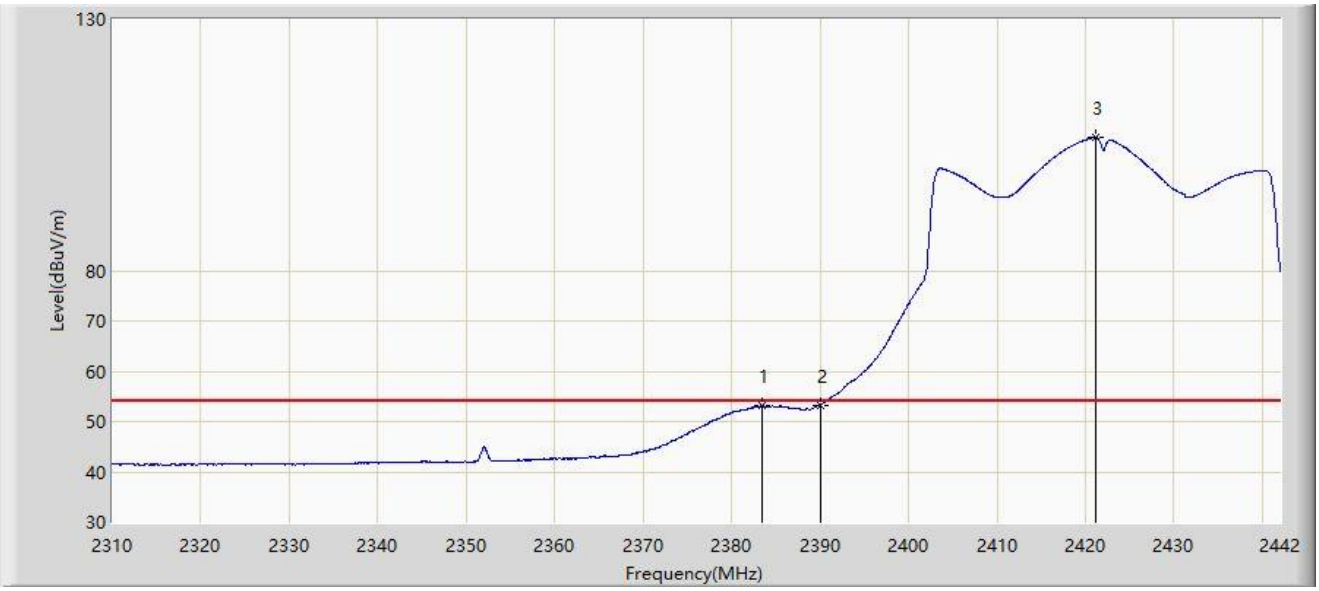
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2387.220	68.469	35.934	-5.531	74.000	32.535	PK
2		2390.000	66.557	34.031	-7.443	74.000	32.527	PK
3		2420.418	118.162	85.719	N/A	N/A	32.444	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2422MHz	



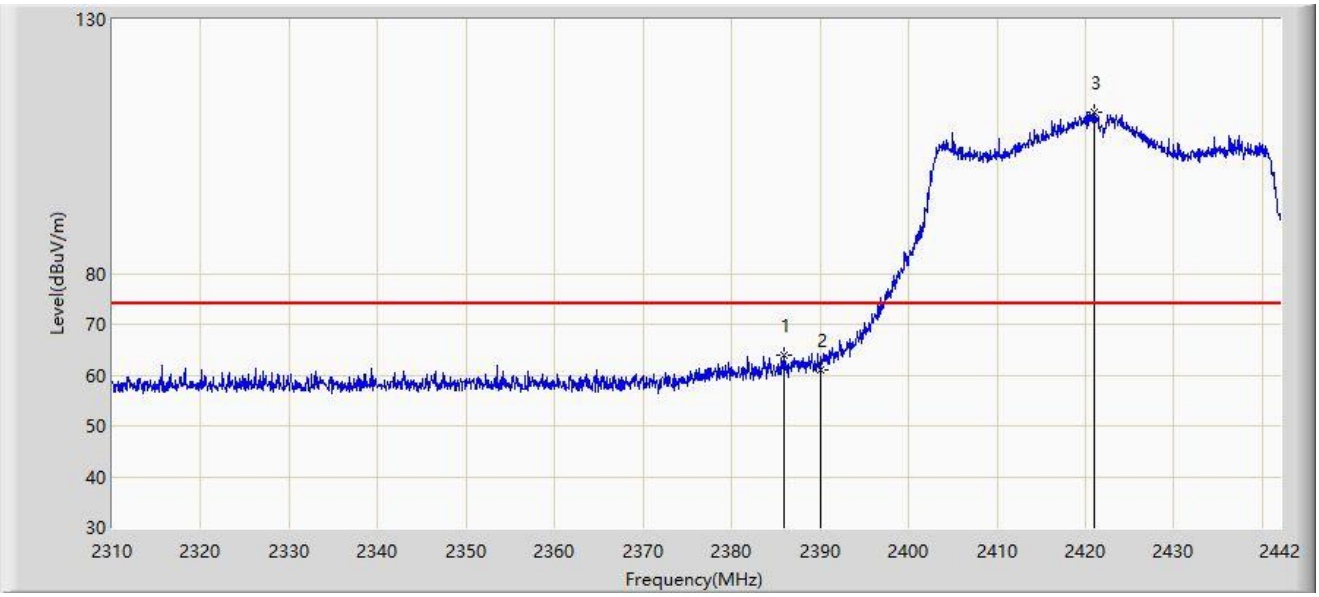
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2383.524	53.162	20.614	-0.838	54.000	32.549	AV
2	*	2390.000	53.319	20.793	-0.681	54.000	32.527	AV
3		2421.210	106.452	74.011	N/A	N/A	32.440	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2422MHz	



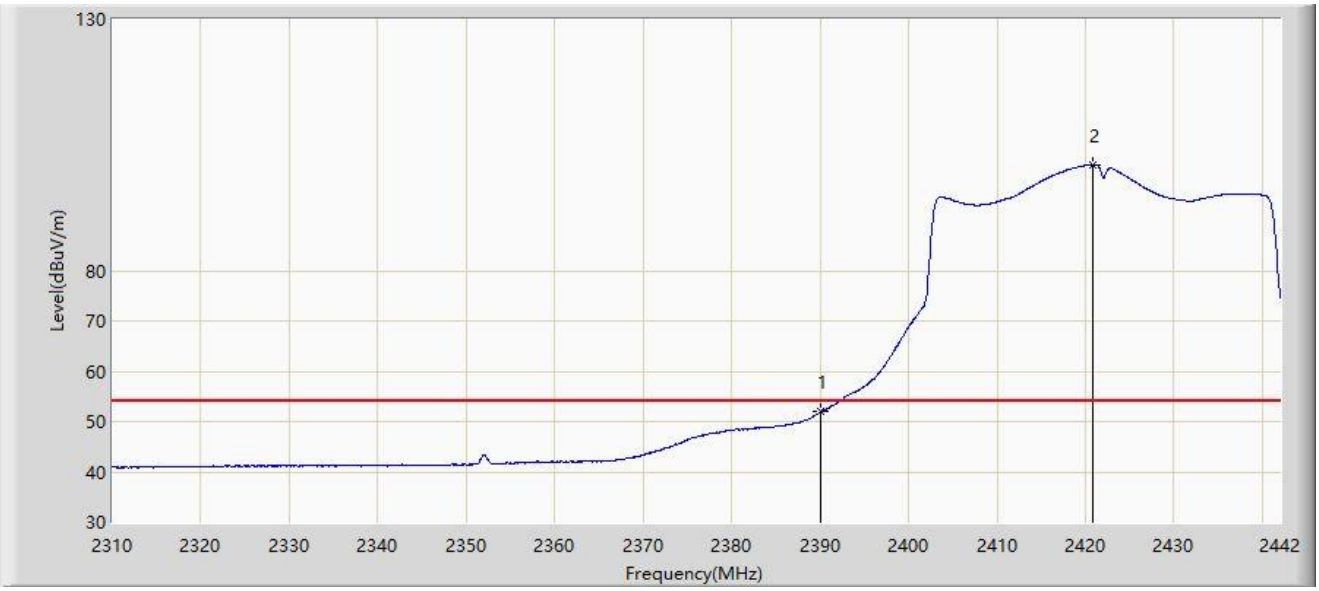
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2385.900	63.778	31.238	-10.222	74.000	32.540	PK
2		2390.000	61.146	28.620	-12.854	74.000	32.527	PK
3		2421.012	111.699	79.258	N/A	N/A	32.441	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2422MHz	



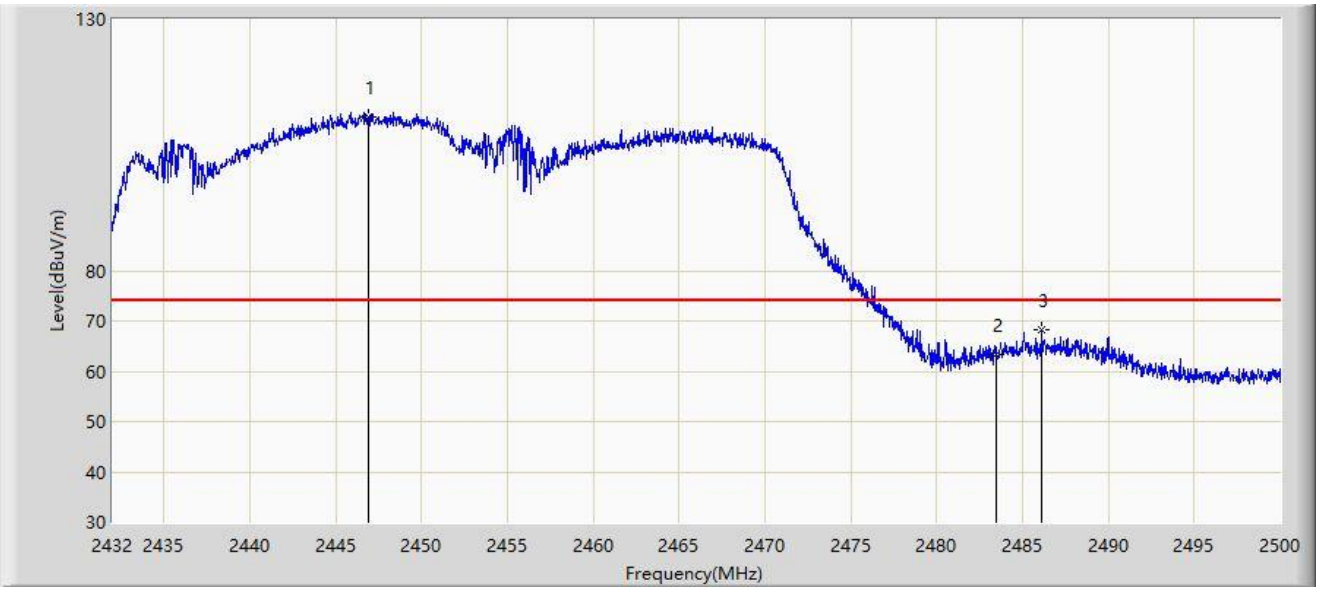
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	51.905	19.379	-2.095	54.000	32.527	AV
2		2420.814	101.094	68.652	N/A	N/A	32.442	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2452MHz	



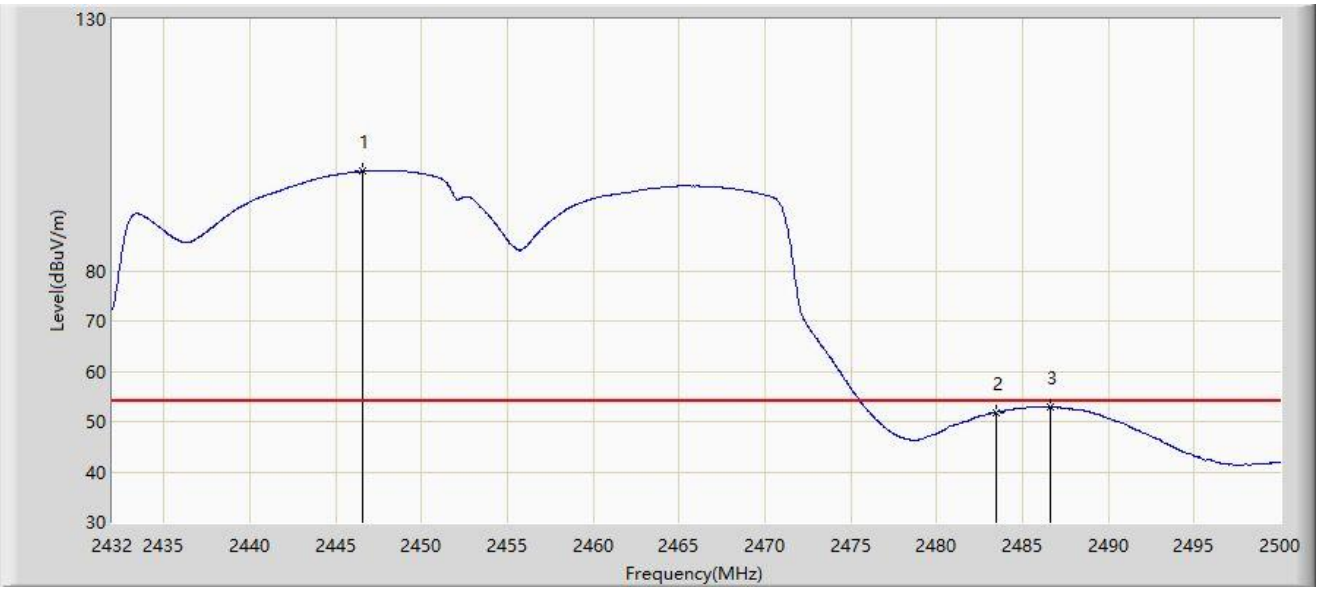
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2446.892	110.528	78.149	N/A	N/A	32.379	PK
2		2483.500	63.331	30.949	-10.669	74.000	32.382	PK
3	*	2486.128	68.333	35.952	-5.667	74.000	32.381	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2452MHz	



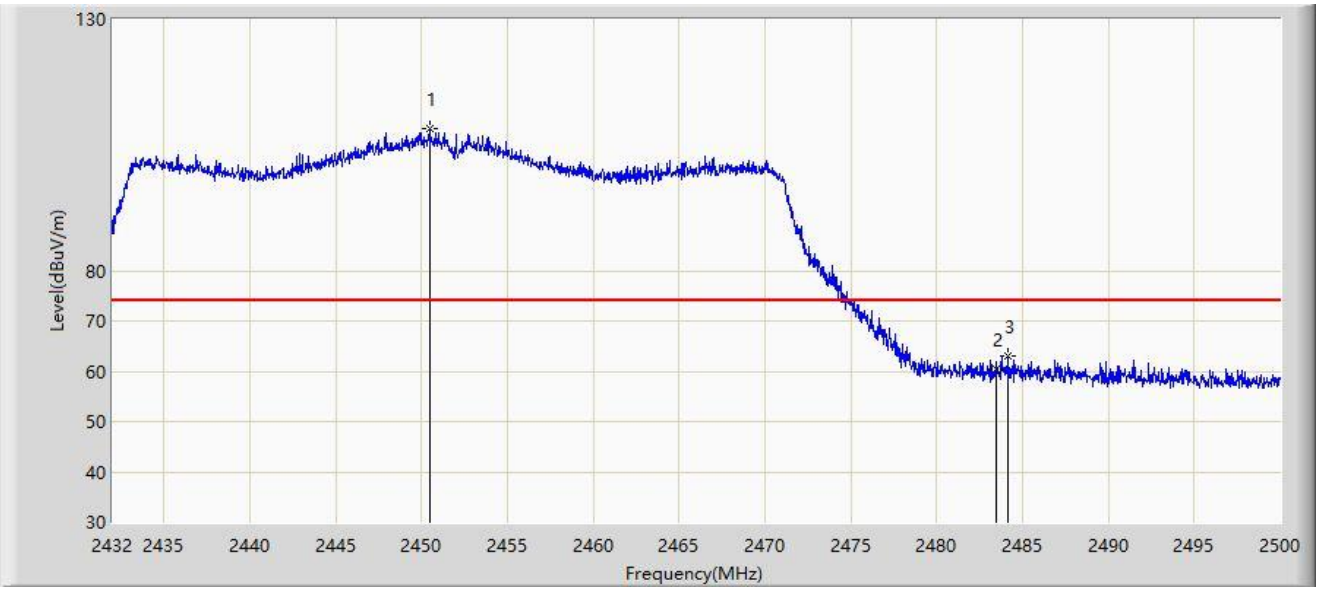
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2446.586	99.724	67.344	N/A	N/A	32.380	AV
2		2483.500	51.829	19.447	-2.171	54.000	32.382	AV
3	*	2486.638	52.849	20.468	-1.151	54.000	32.381	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2452MHz	



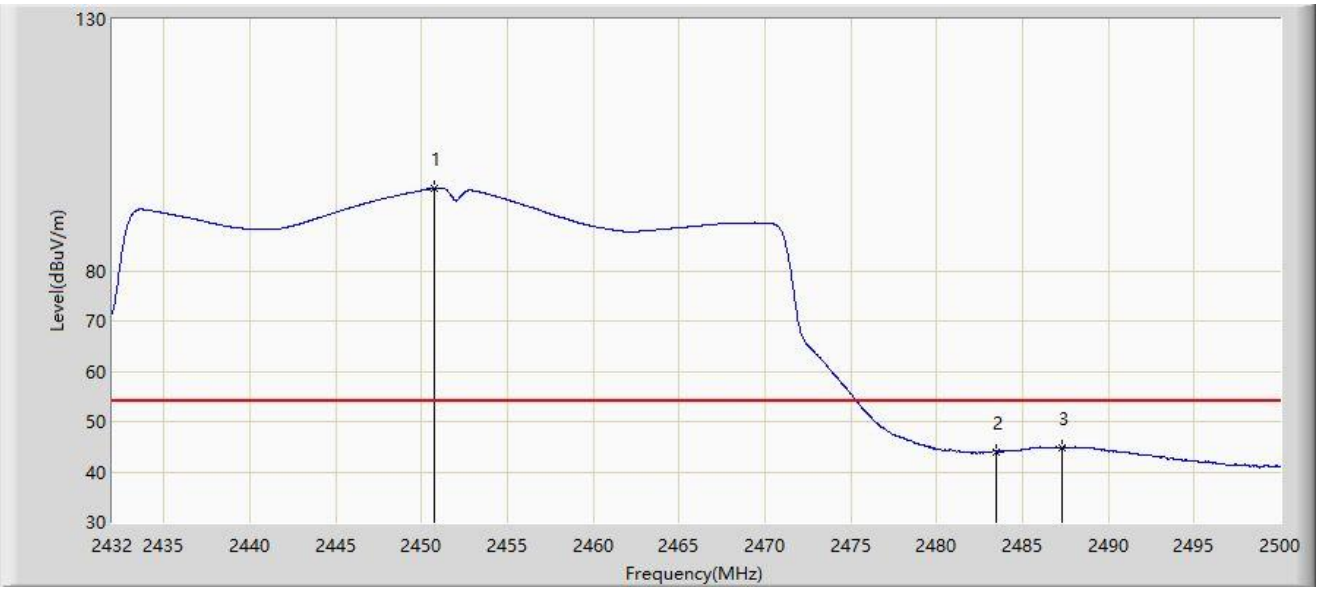
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2450.462	108.346	75.975	N/A	N/A	32.372	PK
2		2483.500	60.434	28.052	-13.566	74.000	32.382	PK
3	*	2484.190	62.969	30.587	-11.031	74.000	32.382	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2452MHz	



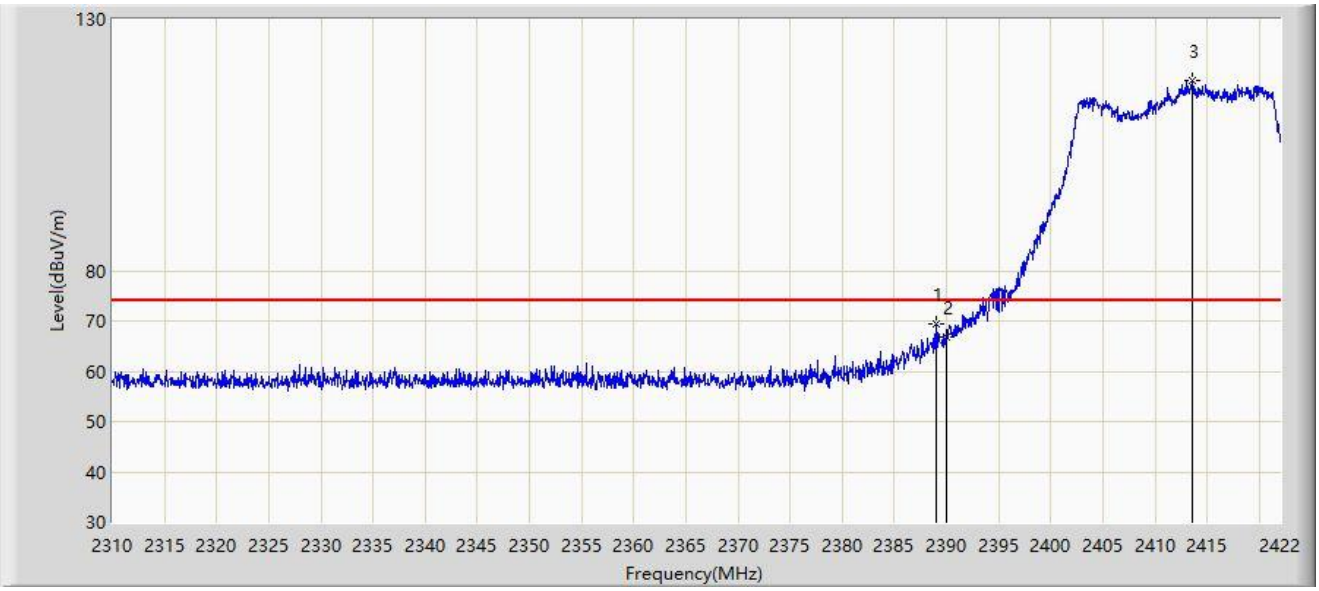
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2450.734	96.314	63.943	N/A	N/A	32.371	AV
2		2483.500	44.036	11.654	-9.964	54.000	32.382	AV
3	*	2487.284	44.867	12.486	-9.133	54.000	32.381	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT20 at 2412MHz	



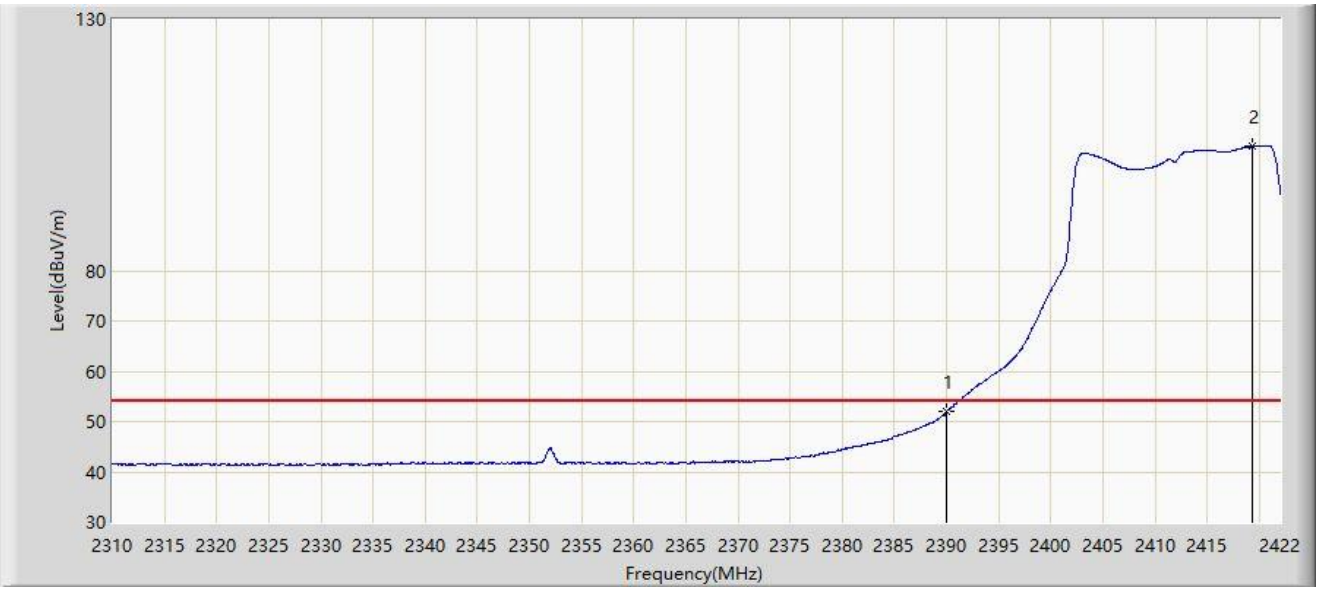
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2389.072	69.326	36.797	-4.674	74.000	32.530	PK
2		2390.000	66.767	34.241	-7.233	74.000	32.527	PK
3		2413.544	117.693	85.234	N/A	N/A	32.459	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT20 at 2412MHz	



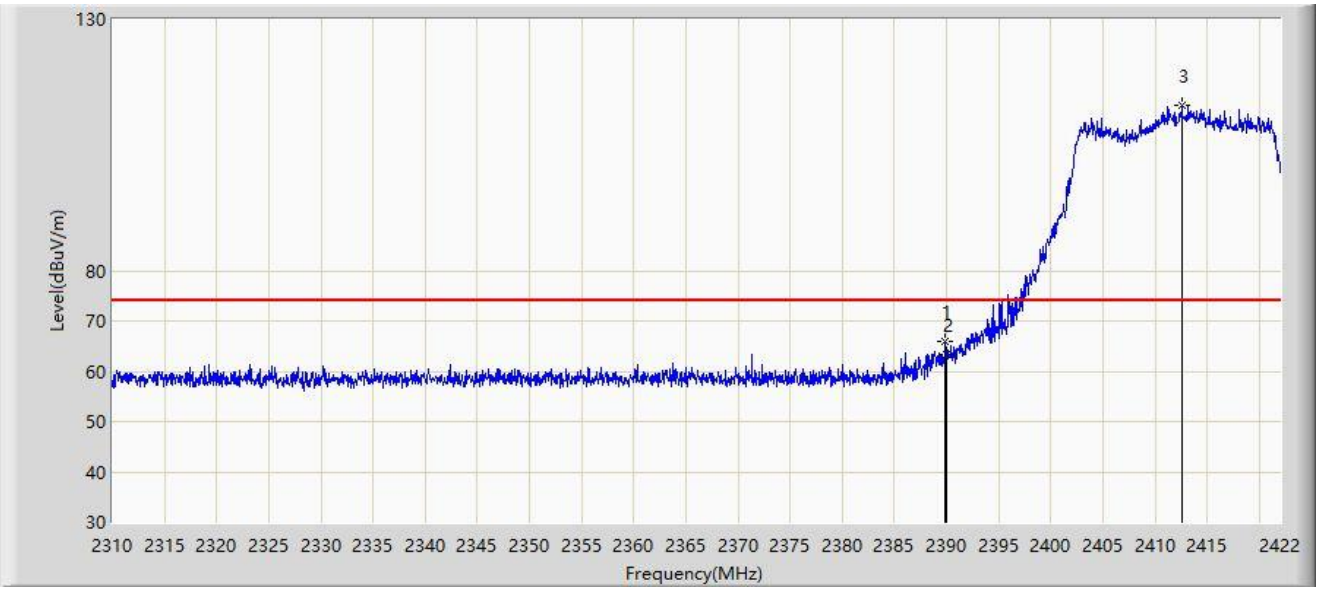
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	51.997	19.471	-2.003	54.000	32.527	AV
2		2419.312	104.710	72.264	N/A	N/A	32.446	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT20 at 2412MHz	



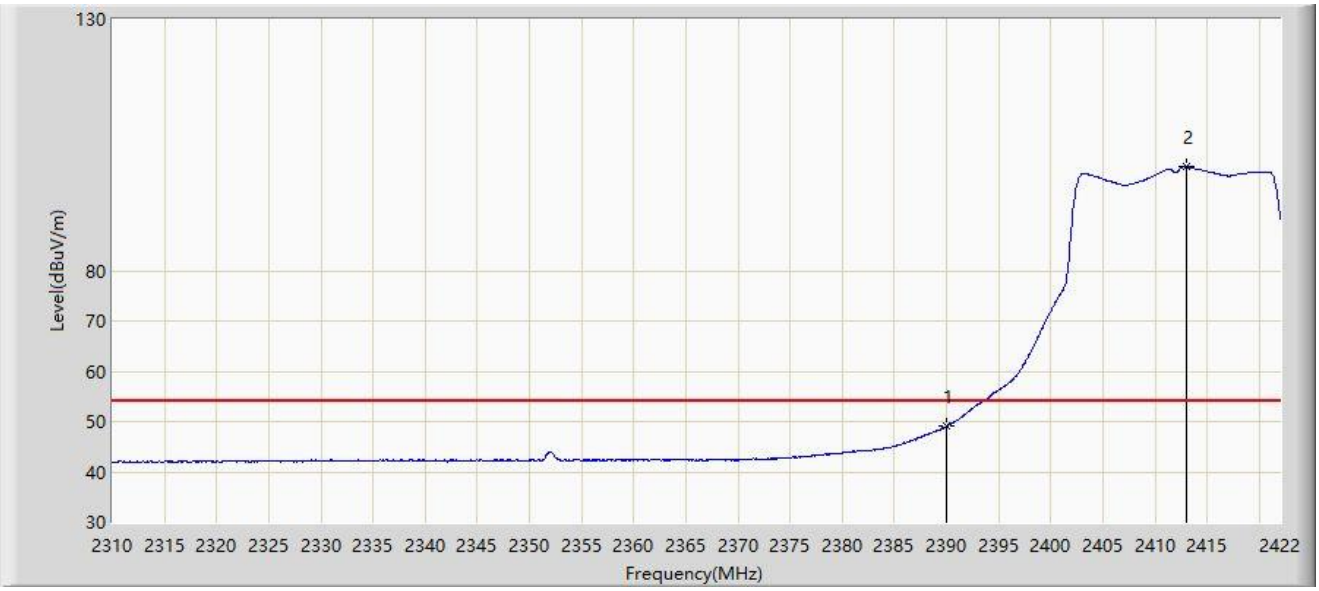
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2389.856	65.878	33.351	-8.122	74.000	32.527	PK
2		2390.000	63.436	30.910	-10.564	74.000	32.527	PK
3		2412.592	112.866	80.405	N/A	N/A	32.461	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT20 at 2412MHz	



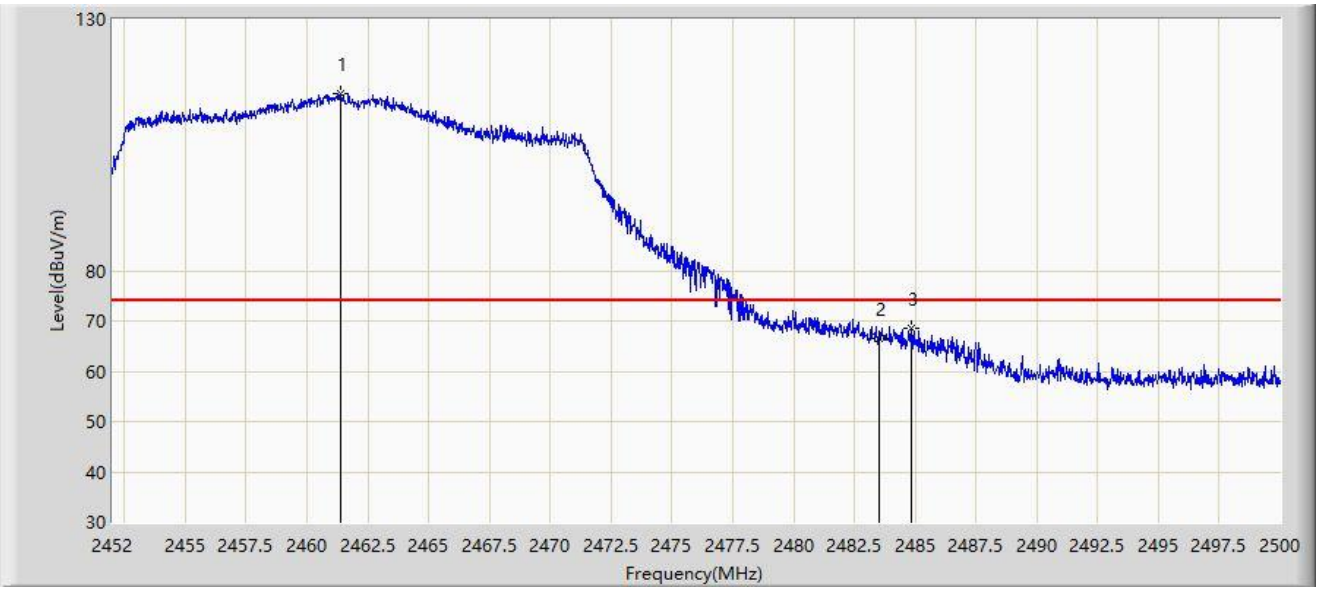
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	49.117	16.591	-4.883	54.000	32.527	AV
2		2413.040	100.706	68.246	N/A	N/A	32.460	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT20 at 2462MHz	



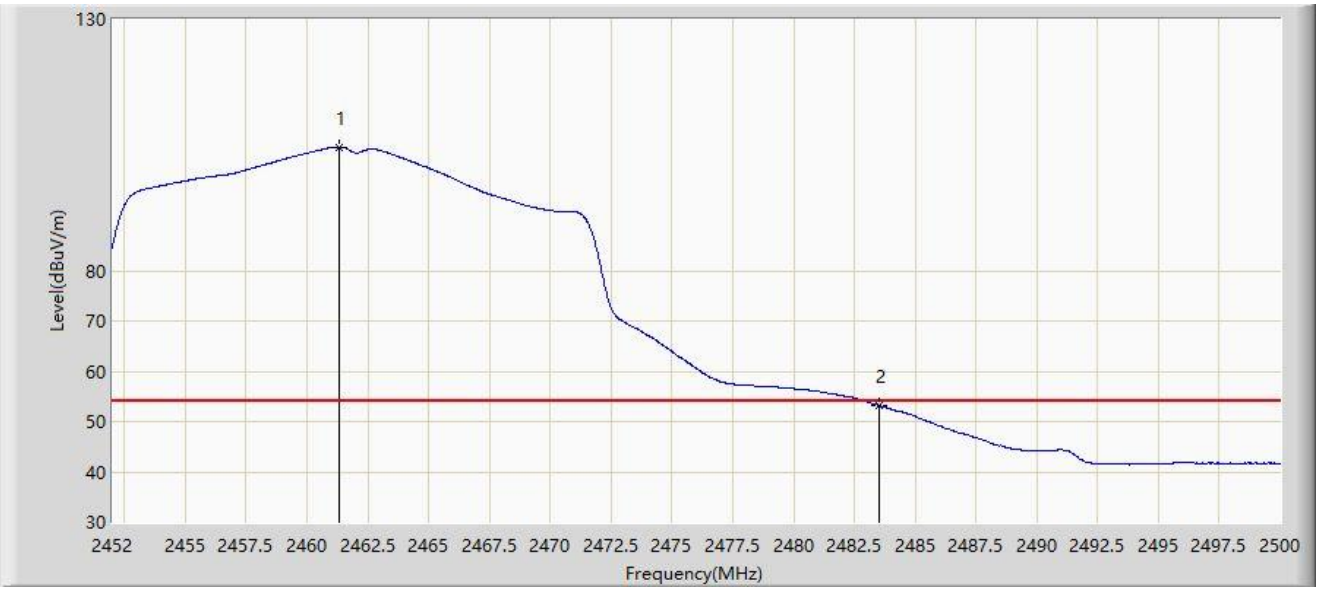
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2461.360	115.238	82.876	N/A	N/A	32.363	PK
2		2483.500	66.511	34.129	-7.489	74.000	32.382	PK
3	*	2484.832	68.448	36.066	-5.552	74.000	32.382	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT20 at 2462MHz	



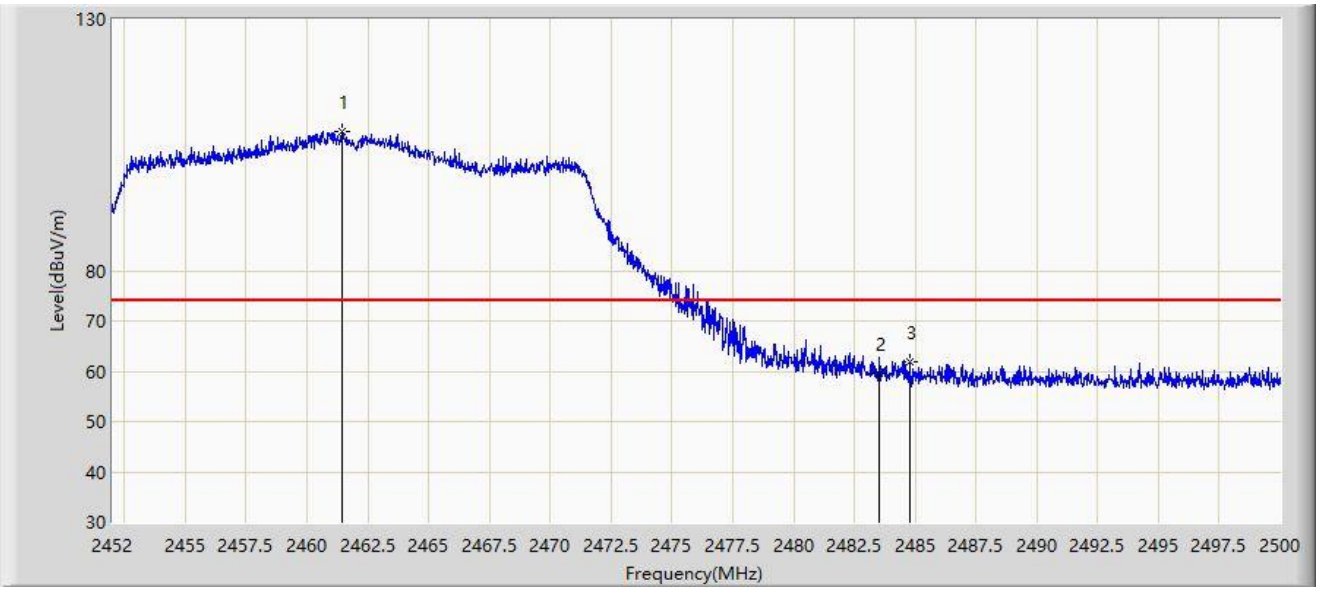
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2461.312	104.601	72.239	N/A	N/A	32.363	AV
2	*	2483.500	53.237	20.855	-0.763	54.000	32.382	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT20 at 2462MHz	



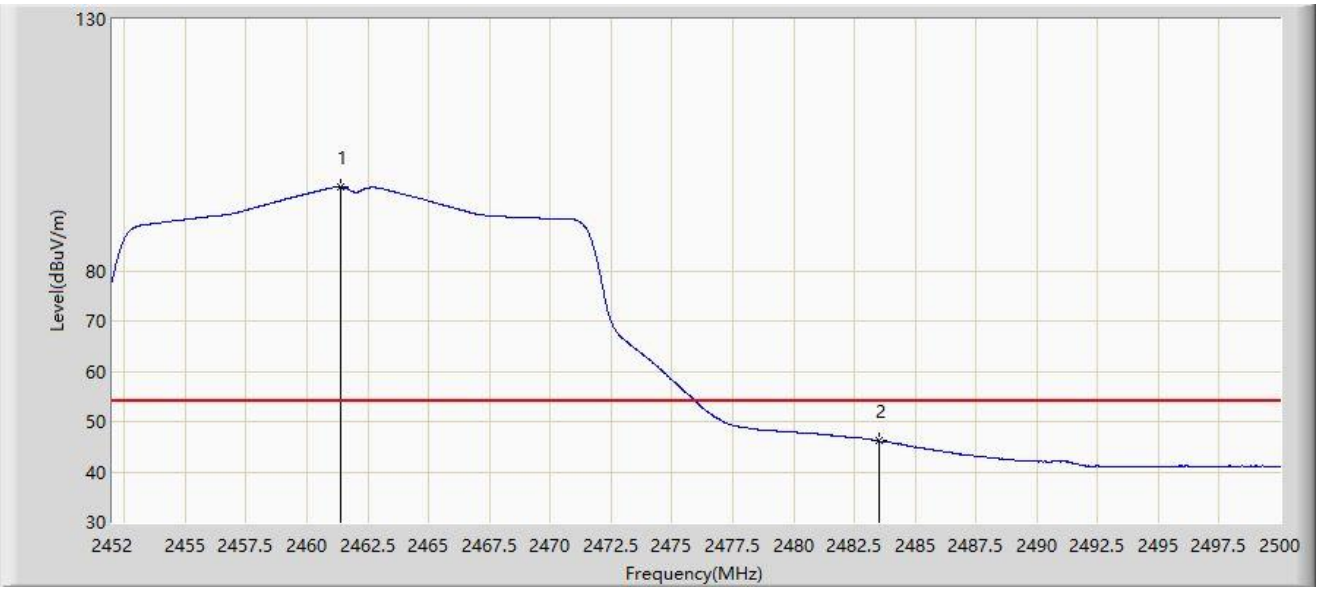
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2461.432	107.753	75.391	N/A	N/A	32.362	PK
2		2483.500	59.658	27.276	-14.342	74.000	32.382	PK
3	*	2484.760	61.946	29.564	-12.054	74.000	32.382	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT20 at 2462MHz	



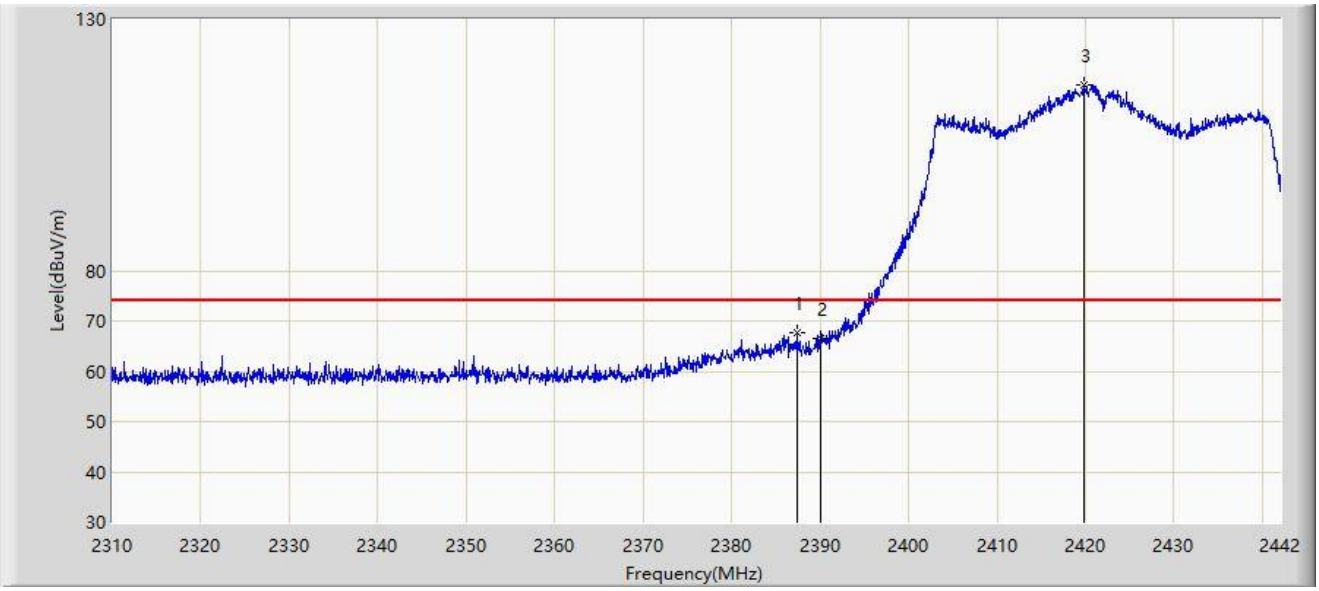
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2461.384	96.618	64.256	N/A	N/A	32.363	AV
2	*	2483.500	46.127	13.745	-7.873	54.000	32.382	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT40 at 2422MHz	



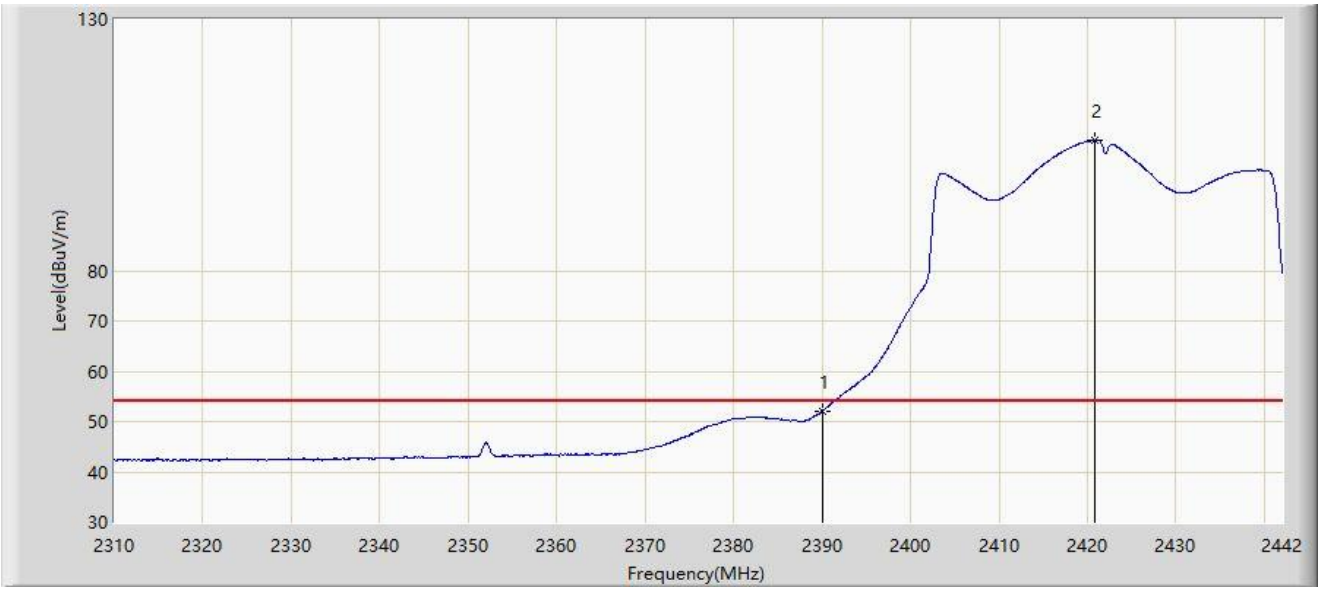
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2387.484	67.633	35.099	-6.367	74.000	32.534	PK
2		2390.000	66.395	33.869	-7.605	74.000	32.527	PK
3		2419.890	116.978	84.533	N/A	N/A	32.444	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT40 at 2422MHz	



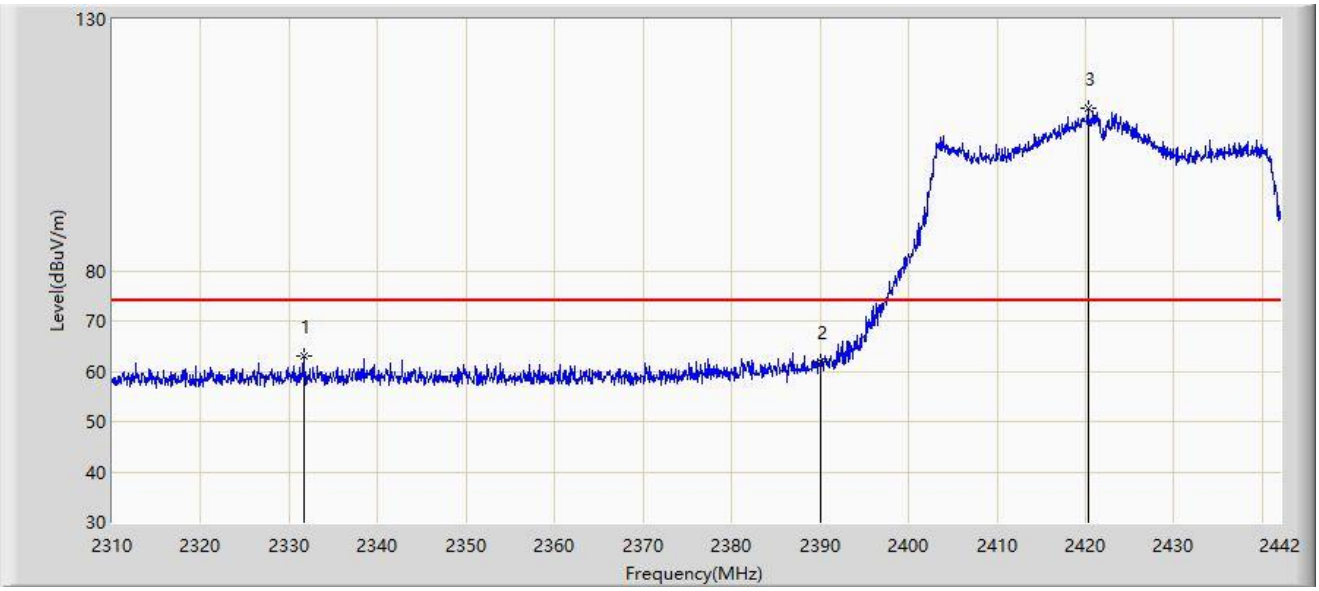
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	52.101	19.575	-1.899	54.000	32.527	AV
2		2420.880	105.938	73.496	N/A	N/A	32.441	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT40 at 2422MHz	



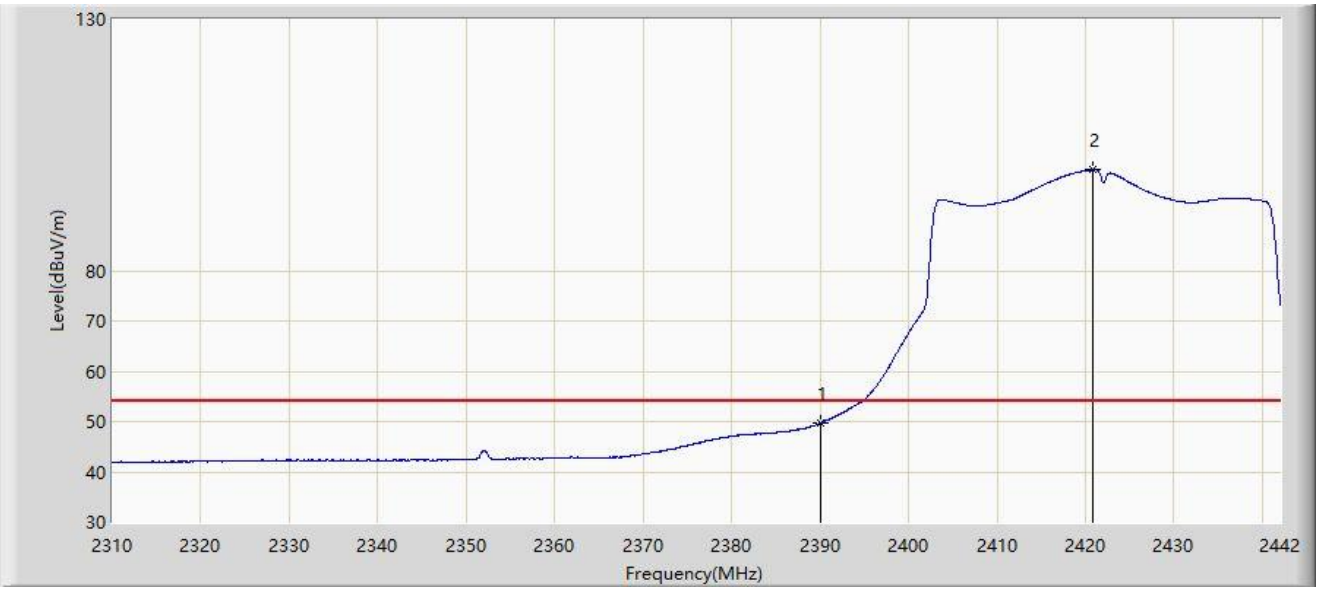
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2331.648	63.033	30.265	-10.967	74.000	32.768	PK
2		2390.000	61.948	29.422	-12.052	74.000	32.527	PK
3		2420.286	112.248	79.804	N/A	N/A	32.444	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT40 at 2422MHz	



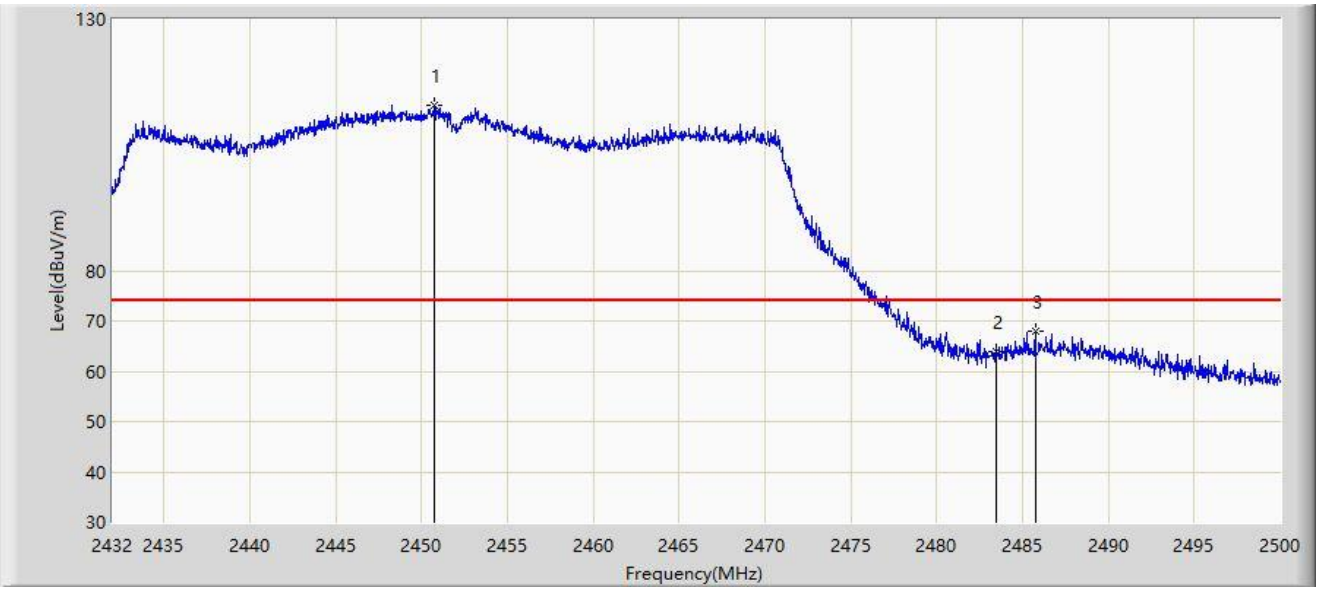
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	49.705	17.179	-4.295	54.000	32.527	AV
2		2420.814	100.077	67.635	N/A	N/A	32.442	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT40 at 2452MHz	



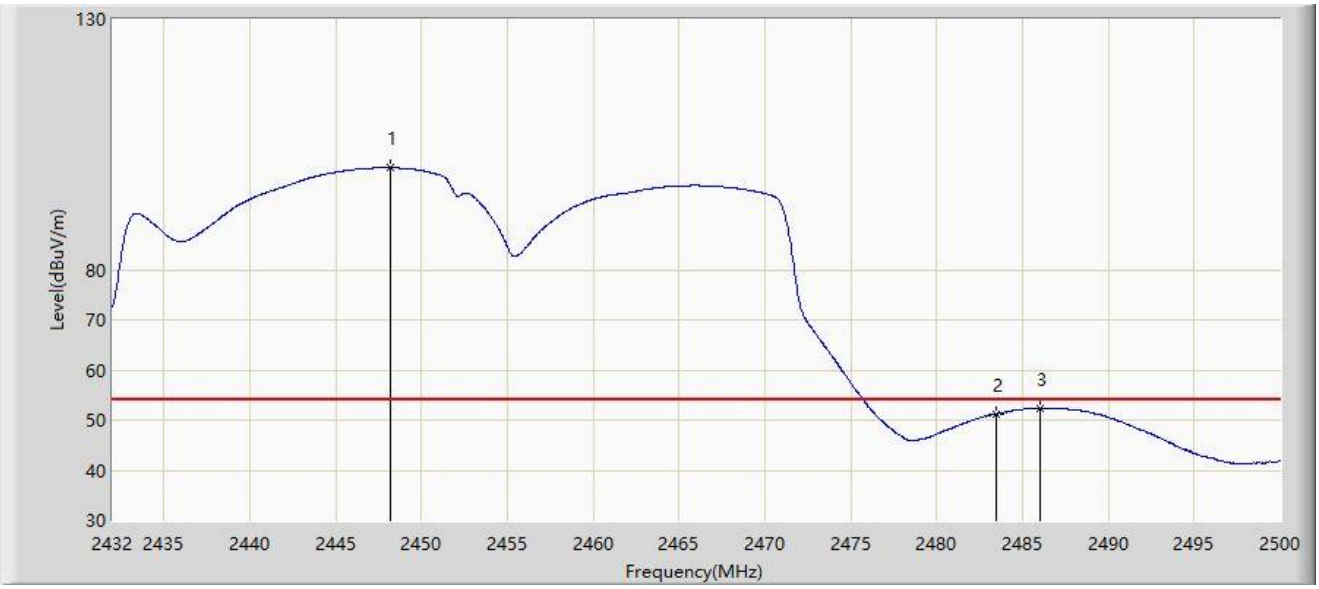
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2450.734	112.796	80.425	N/A	N/A	32.371	PK
2		2483.500	63.847	31.465	-10.153	74.000	32.382	PK
3	*	2485.754	67.885	35.504	-6.115	74.000	32.381	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT40 at 2452MHz	



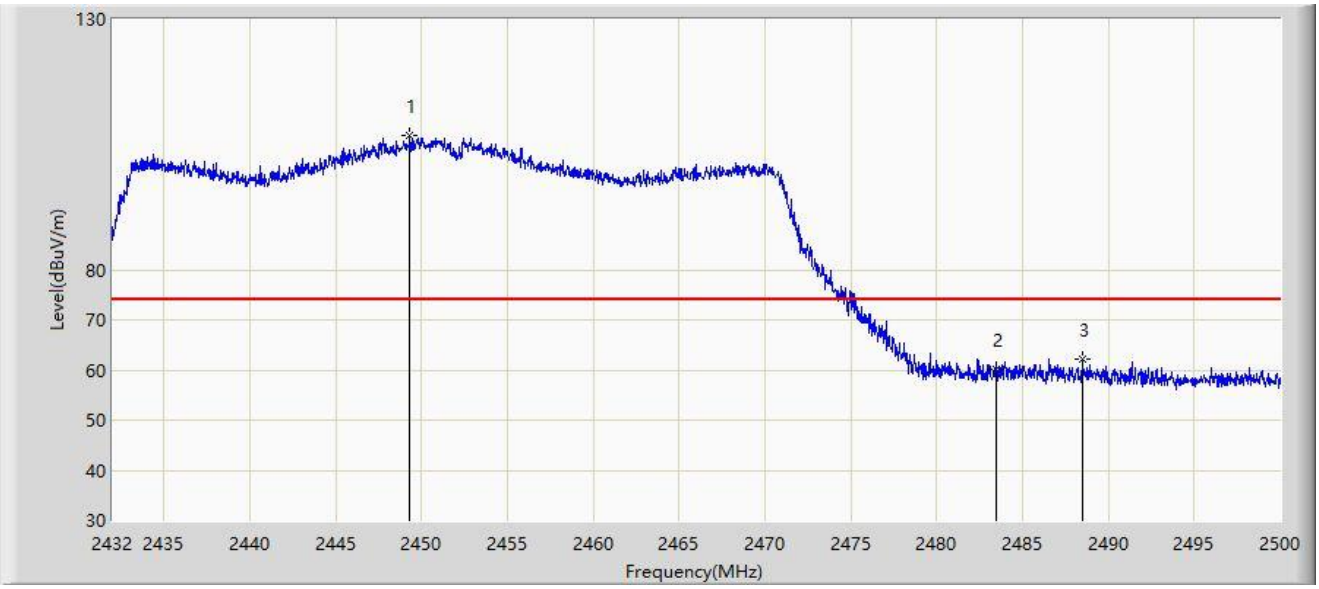
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2448.150	100.326	67.950	N/A	N/A	32.376	AV
2		2483.500	51.259	18.877	-2.741	54.000	32.382	AV
3	*	2485.992	52.432	20.051	-1.568	54.000	32.381	AV

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-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT40 at 2452MHz	



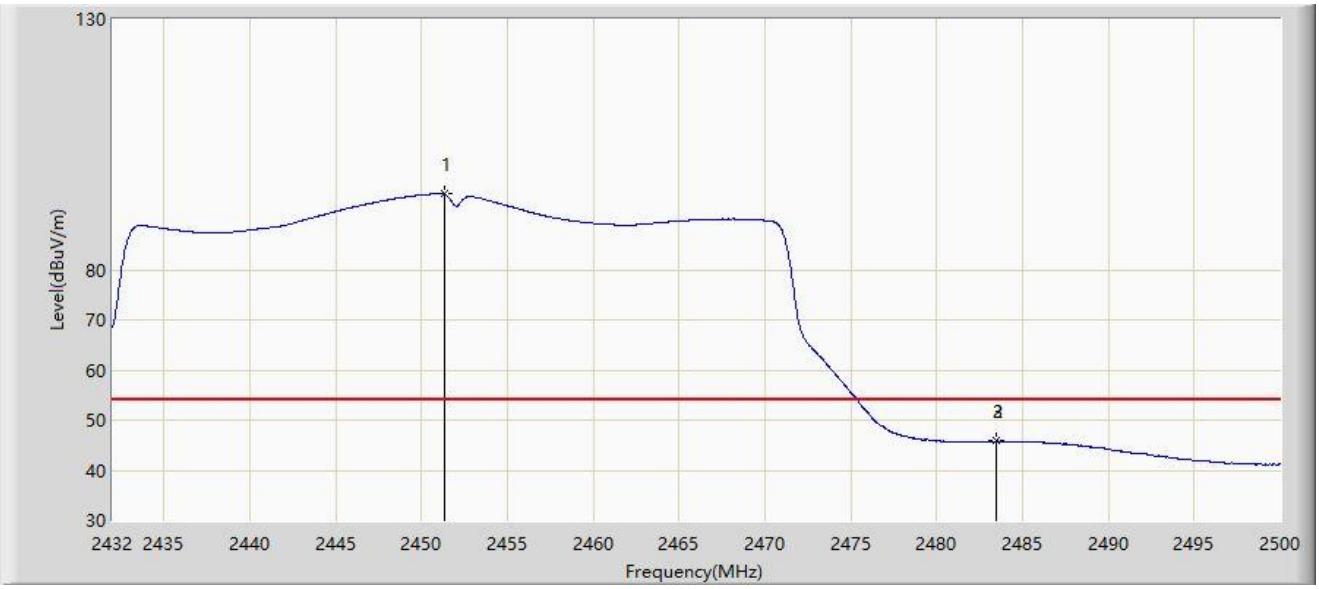
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2449.306	106.681	74.307	N/A	N/A	32.374	PK
2		2483.500	60.218	27.836	-13.782	74.000	32.382	PK
3	*	2488.474	62.314	29.934	-11.686	74.000	32.381	PK

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: WZ-AC2	Test Date: 2024-06-16
Limit: FCC_2.4G_RE(3m)	Engineer: Bob Zhang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: OmniAccess Stellar (OAW-AP1511)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11be-EHT40 at 2452MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2451.312	95.106	62.737	N/A	N/A	32.369	AV
2		2483.500	45.807	13.425	-8.193	54.000	32.382	AV
3	*	2483.510	45.821	13.439	-8.179	54.000	32.382	AV

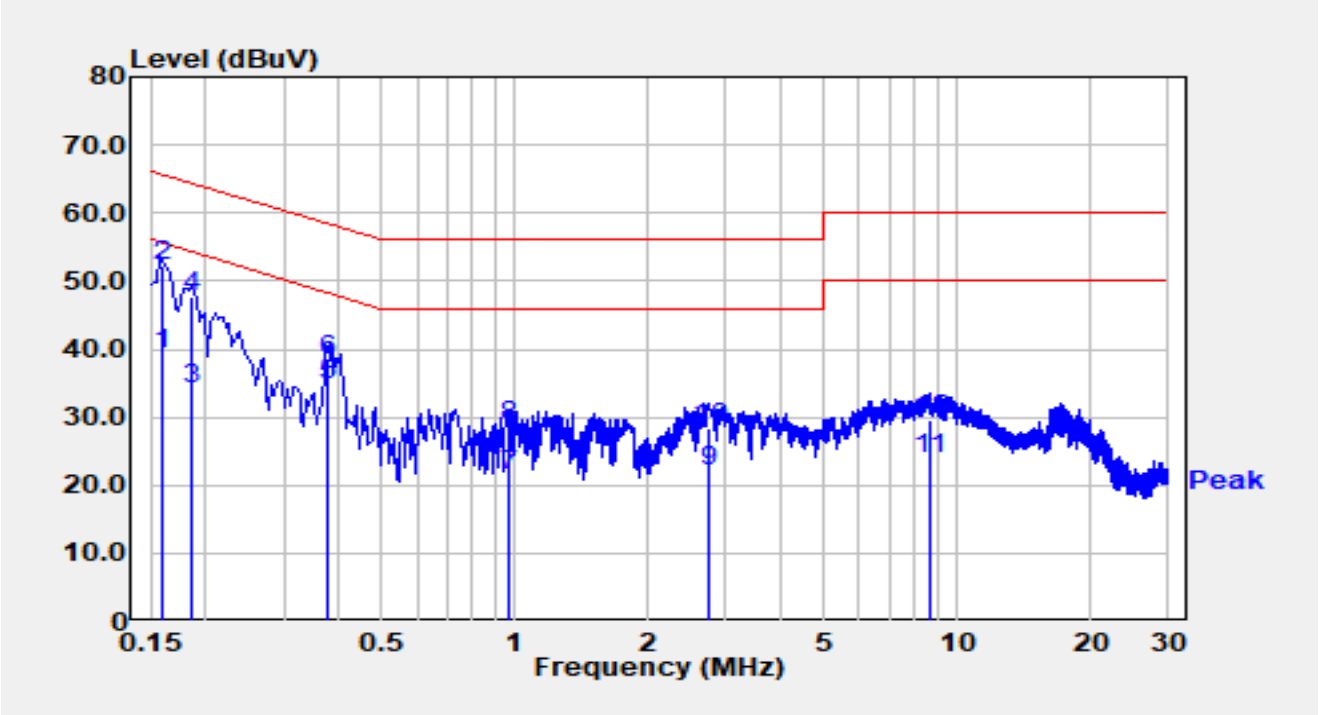
Note 1: " * ", means this data is the worst emission level.

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	2024-08-09
Test Engineer	Linda Wei	Temp./Humidity	24.3°C/52.6%
Factor	ENV216_101683_L1_Filter Off_C	Polarity	Line
EUT	OmniAccess Stellar (OAW-AP1511)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2412MHz		

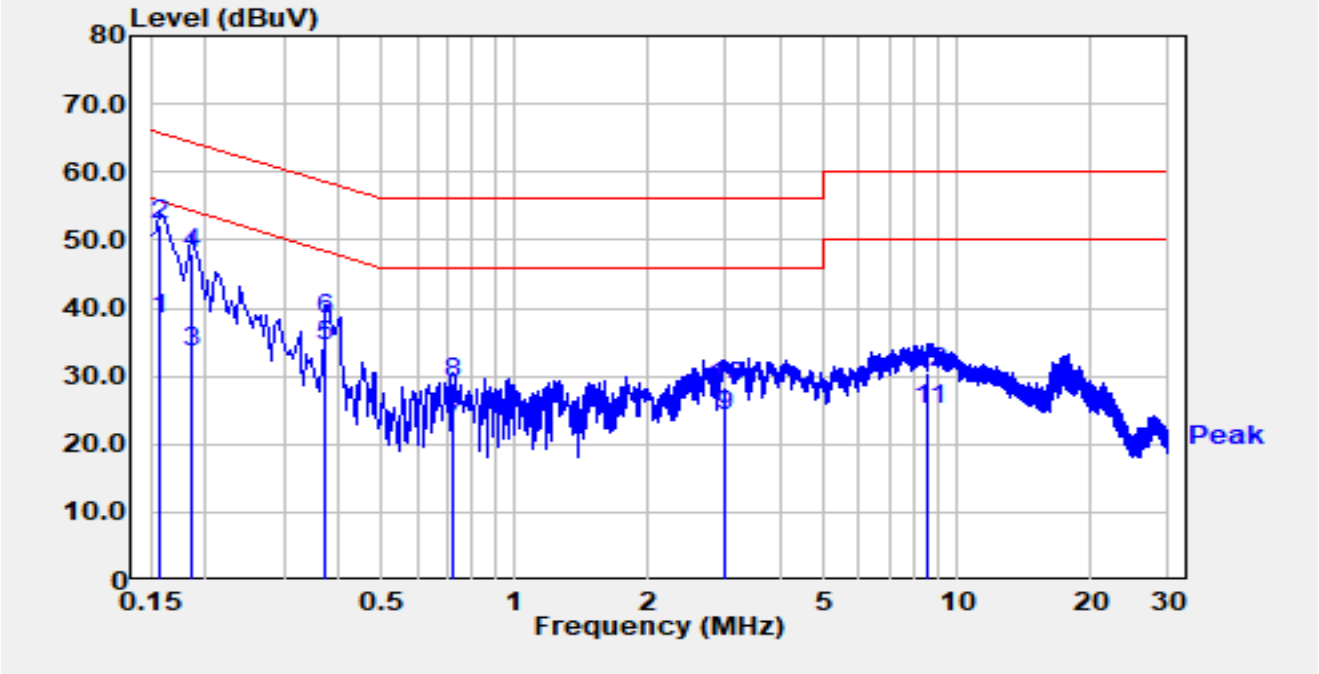


No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV)	Margin (dB)	Limit (dBµV)	Detector
1		0.159	29.50	9.82	39.32	-16.20	55.52	Average
2	*	0.159	42.40	9.82	52.22	-13.30	65.52	QP
3		0.186	24.20	9.82	34.02	-20.20	54.21	Average
4		0.186	37.80	9.82	47.62	-16.60	64.21	QP
5		0.375	24.70	9.87	34.57	-13.82	48.39	Average
6		0.375	28.50	9.87	38.37	-20.02	58.39	QP
7		0.966	11.40	10.10	21.50	-24.50	46.00	Average
8		0.966	18.60	10.10	28.70	-27.30	56.00	QP
9		2.730	11.90	10.15	22.05	-23.95	46.00	Average
10		2.730	18.30	10.15	28.45	-27.55	56.00	QP
11		8.630	13.60	10.31	23.91	-26.09	50.00	Average
12		8.630	19.30	10.31	29.61	-30.39	60.00	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).
3. Measurement (dBµV) = Reading (dBµV) + C.F (dB).

Site	WZ-SR2	Test Date	2024-08-09
Test Engineer	Linda Wei	Temp./Humidity	24.3°C/52.6%
Factor	ENV216_101683_N_Filter Off_C	Polarity	Neutral
EUT	OmniAccess Stellar (OAW-AP1511)	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV)	Margin (dB)	Limit (dBµV)	Detector
1		0.158	28.30	10.12	38.42	-17.14	55.57	Average
2	*	0.158	42.10	10.12	52.22	-13.34	65.57	QP
3		0.186	23.30	10.11	33.41	-20.80	54.21	Average
4		0.186	38.00	10.11	48.11	-16.10	64.21	QP
5		0.374	24.40	10.13	34.53	-13.88	48.41	Average
6		0.374	28.10	10.13	38.23	-20.18	58.41	QP
7		0.722	12.50	10.26	22.76	-23.24	46.00	Average
8		0.722	18.60	10.26	28.86	-27.14	56.00	QP
9		2.980	13.60	10.41	24.01	-22.00	46.00	Average
10		2.980	18.10	10.41	28.51	-27.50	56.00	QP
11		8.610	14.40	10.57	24.97	-25.03	50.00	Average
12		8.610	20.00	10.57	30.57	-29.43	60.00	QP

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).
3. Measurement (dBµV) = Reading (dBµV) + C.F (dB).

Appendix B – Test Setup Photograph

Refer to “2404RSU054-UT” file.

Appendix C – EUT Photograph

Refer to “2404RSU054-UE” file.

The End