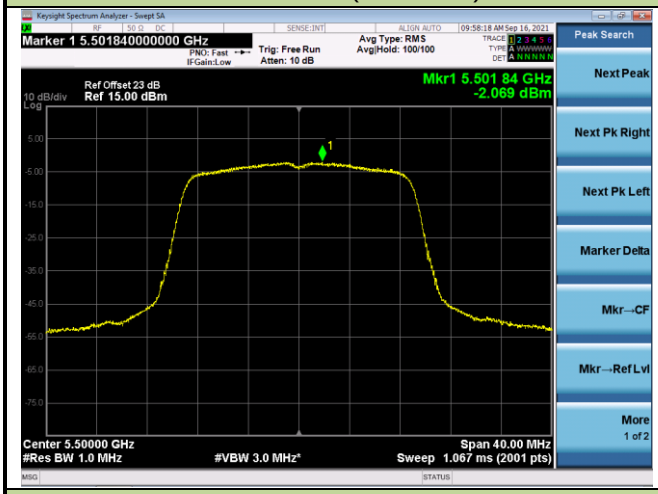
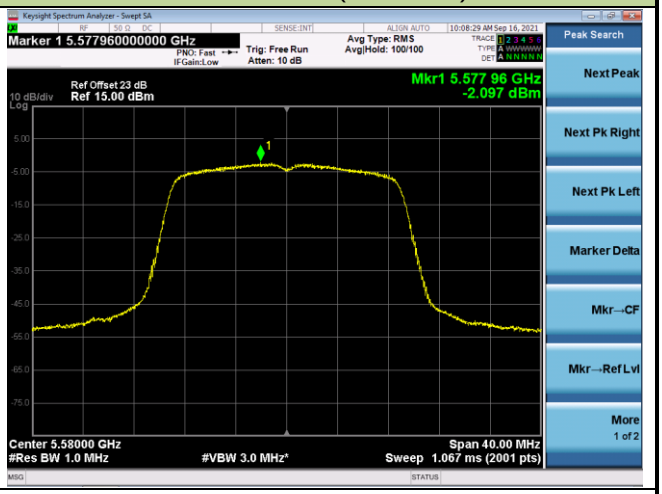
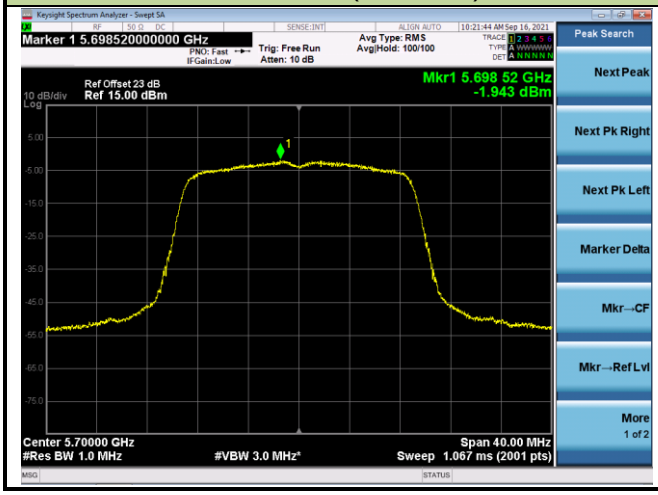
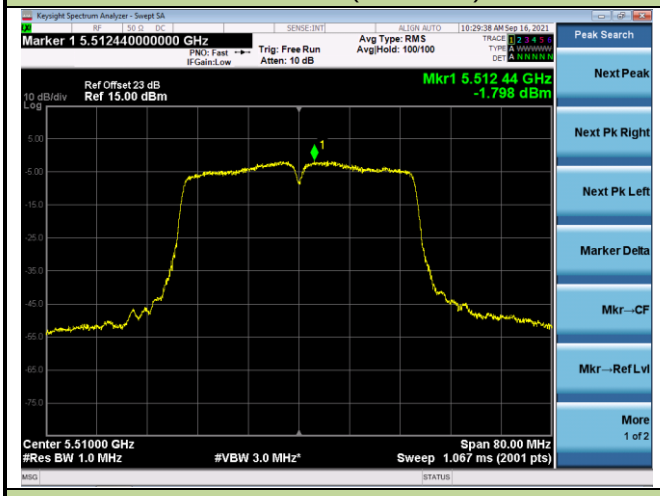
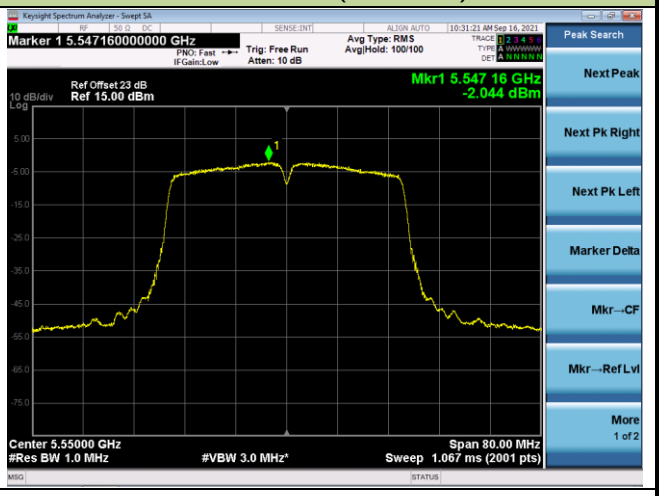
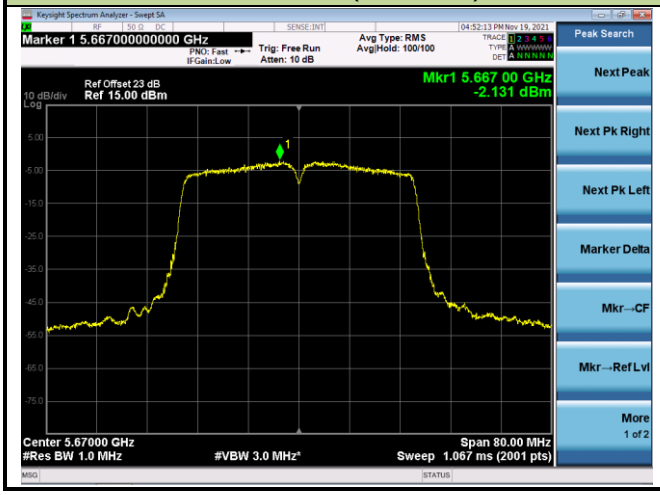
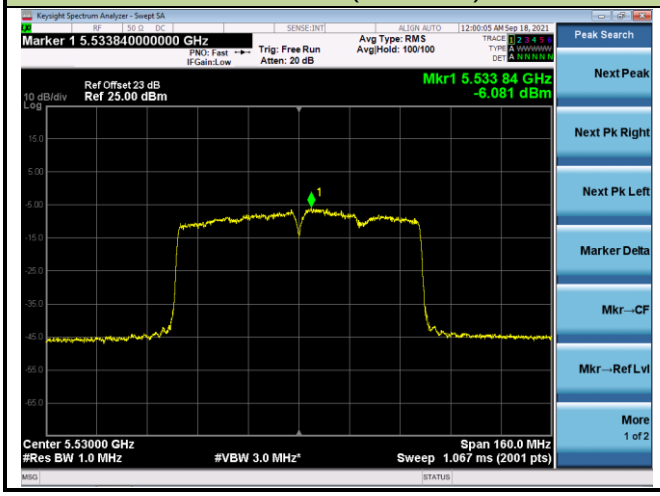
11ac-VHT20 Power Spectral Density - Ant 4	
Channel 100 (5500MHz)	Channel 116 (5580MHz)
	
Channel 140 (5700MHz)	
	

11ac-VHT40 Power Spectral Density - Ant 4	
Channel 102 (5510MHz)	Channel 110 (5550MHz)
	
Channel 134 (5670MHz)	
	

11ac-VHT80 Power Spectral Density - Ant 4	
Channel 106 (5530MHz)	
	

A.6 Radiated Spurious Emission Measurement Test Result

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Mode	11a	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	52		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8922.0	36.0	11.8	47.8	68.2	-20.4	Peak	Horizontal
*	10129.0	37.6	12.6	50.2	68.2	-18.0	Peak	Horizontal
	11132.0	35.4	15.3	50.7	74.0	-23.3	Peak	Horizontal
	12033.0	36.0	15.0	51.0	74.0	-23.0	Peak	Horizontal
*	8667.0	35.9	11.9	47.8	68.2	-20.4	Peak	Vertical
*	9653.0	36.9	11.8	48.7	68.2	-19.5	Peak	Vertical
	10783.5	35.4	14.4	49.8	74.0	-24.2	Peak	Vertical
	12143.5	35.8	15.2	51.0	74.0	-23.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11a	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	60		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	35.5	12.3	47.8	68.2	-20.4	Peak	Horizontal
*	9933.5	36.3	12.0	48.3	68.2	-19.9	Peak	Horizontal
	11174.5	33.7	15.4	49.1	74.0	-24.9	Peak	Horizontal
	12169.0	34.8	15.3	50.1	74.0	-23.9	Peak	Horizontal
*	8735.0	34.7	12.3	47.0	68.2	-21.2	Peak	Vertical
*	9899.5	35.8	12.2	48.0	68.2	-20.2	Peak	Vertical
	11123.5	35.0	15.5	50.5	74.0	-23.5	Peak	Vertical
	12067.0	35.0	15.2	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11a	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	64		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	36.1	12.1	48.2	68.2	-20.0	Peak	Horizontal
*	10239.5	35.9	13.0	48.9	68.2	-19.3	Peak	Horizontal
	10996.0	36.4	15.0	51.4	74.0	-22.6	Peak	Horizontal
	12058.5	35.7	15.2	50.9	74.0	-23.1	Peak	Horizontal
*	8667.0	36.3	11.9	48.2	68.2	-20.0	Peak	Vertical
*	9908.0	35.7	12.3	48.0	68.2	-20.2	Peak	Vertical
	11285.0	35.7	15.3	51.0	74.0	-23.0	Peak	Vertical
	11897.0	36.6	14.5	51.1	74.0	-22.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11a	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	100		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443.0	33.3	9.4	42.7	74.0	-31.3	Peak	Horizontal
	8276.0	33.1	9.5	42.6	74.0	-31.4	Peak	Horizontal
*	8658.5	31.6	11.8	43.4	68.2	-24.8	Peak	Horizontal
*	10333.0	33.4	14.1	47.5	68.2	-20.7	Peak	Horizontal
	7681.0	34.7	8.8	43.5	74.0	-30.5	Peak	Vertical
	8191.0	35.1	8.9	44.0	74.0	-30.0	Peak	Vertical
*	8743.5	33.4	12.1	45.5	68.2	-22.7	Peak	Vertical
*	10469.0	33.6	13.8	47.4	68.2	-20.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11a	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	116		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7732.0	34.2	8.7	42.9	74.0	-31.1	Peak	Horizontal
	8259.0	34.5	9.2	43.7	74.0	-30.3	Peak	Horizontal
*	8752.0	32.4	11.9	44.3	68.2	-23.9	Peak	Horizontal
*	9755.0	34.3	12.1	46.4	68.2	-21.8	Peak	Horizontal
	7672.5	34.3	8.8	43.1	74.0	-30.9	Peak	Vertical
	8318.5	33.9	9.8	43.7	74.0	-30.3	Peak	Vertical
*	8590.5	32.3	11.4	43.7	68.2	-24.5	Peak	Vertical
*	10222.5	33.4	12.9	46.3	68.2	-21.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11a	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	140		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	32.8	9.3	42.1	74.0	-31.9	Peak	Horizontal
	8276.0	33.0	9.5	42.5	74.0	-31.5	Peak	Horizontal
*	8735.0	32.6	12.3	44.9	68.2	-23.3	Peak	Horizontal
*	10044.0	33.9	12.5	46.4	68.2	-21.8	Peak	Horizontal
	7417.5	33.4	9.3	42.7	74.0	-31.3	Peak	Vertical
	8344.0	33.7	10.1	43.8	74.0	-30.2	Peak	Vertical
*	8692.5	32.2	12.1	44.3	68.2	-23.9	Peak	Vertical
*	10282.0	33.1	13.4	46.5	68.2	-21.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11n-HT20	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	52		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8726.5	35.9	12.2	48.1	68.2	-20.1	Peak	Horizontal
*	10018.5	36.5	12.6	49.1	68.2	-19.1	Peak	Horizontal
	11276.5	35.1	15.3	50.4	74.0	-23.6	Peak	Horizontal
	12067.0	37.0	15.2	52.2	74.0	-21.8	Peak	Horizontal
*	8735.0	36.1	12.3	48.4	68.2	-19.8	Peak	Vertical
*	10205.5	36.7	12.8	49.5	68.2	-18.7	Peak	Vertical
	11200.0	35.3	15.6	50.9	74.0	-23.1	Peak	Vertical
	11812.0	36.6	14.8	51.4	74.0	-22.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11n-HT20	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	60		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	35.8	12.1	47.9	68.2	-20.3	Peak	Horizontal
*	10129.0	37.4	12.6	50.0	68.2	-18.2	Peak	Horizontal
	10741.0	36.6	14.6	51.2	74.0	-22.8	Peak	Horizontal
	12041.5	35.8	15.1	50.9	74.0	-23.1	Peak	Horizontal
*	8896.5	37.0	11.6	48.6	68.2	-19.6	Peak	Vertical
*	10146.0	36.5	12.7	49.2	68.2	-19.0	Peak	Vertical
	11174.5	34.4	15.4	49.8	74.0	-24.2	Peak	Vertical
	11965.0	36.5	14.5	51.0	74.0	-23.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11n-HT20	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	64		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	35.7	11.6	47.3	68.2	-20.9	Peak	Horizontal
*	9899.5	36.3	12.2	48.5	68.2	-19.7	Peak	Horizontal
	10962.0	35.0	14.6	49.6	74.0	-24.4	Peak	Horizontal
	12033.0	36.0	15.0	51.0	74.0	-23.0	Peak	Horizontal
*	8675.5	37.0	11.9	48.9	68.2	-19.3	Peak	Vertical
*	10120.5	36.7	12.5	49.2	68.2	-19.0	Peak	Vertical
	10732.5	35.3	14.6	49.9	74.0	-24.1	Peak	Vertical
	11344.5	35.6	15.1	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11n-HT20	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	100		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7579.0	33.1	9.1	42.2	74.0	-31.8	Peak	Horizontal
	8276.0	33.2	9.5	42.7	74.0	-31.3	Peak	Horizontal
*	8743.5	31.5	12.1	43.6	68.2	-24.6	Peak	Horizontal
*	9738.0	33.5	12.2	45.7	68.2	-22.5	Peak	Horizontal
	7528.0	33.3	9.2	42.5	74.0	-31.5	Peak	Vertical
	8259.0	33.9	9.2	43.1	74.0	-30.9	Peak	Vertical
*	8786.0	31.4	11.9	43.3	68.2	-24.9	Peak	Vertical
*	10188.5	33.2	12.5	45.7	68.2	-22.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11n-HT20	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	116		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	33.9	8.8	42.7	74.0	-31.3	Peak	Horizontal
	8369.5	33.7	9.9	43.6	74.0	-30.4	Peak	Horizontal
*	8786.0	32.2	11.9	44.1	68.2	-24.1	Peak	Horizontal
*	10163.0	33.7	12.5	46.2	68.2	-22.0	Peak	Horizontal
	7315.5	32.8	9.0	41.8	74.0	-32.2	Peak	Vertical
	8276.0	32.2	9.5	41.7	74.0	-32.3	Peak	Vertical
*	8769.0	31.9	12.1	44.0	68.2	-24.2	Peak	Vertical
*	10086.5	32.3	12.7	45.0	68.2	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11n-HT20	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	140		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	32.3	8.9	41.2	74.0	-32.8	Peak	Horizontal
	8293.0	34.0	9.7	43.7	74.0	-30.3	Peak	Horizontal
*	8701.0	31.9	12.3	44.2	68.2	-24.0	Peak	Horizontal
*	9831.5	33.3	11.9	45.2	68.2	-23.0	Peak	Horizontal
	7434.5	33.0	9.4	42.4	74.0	-31.6	Peak	Vertical
	8293.0	33.7	9.7	43.4	74.0	-30.6	Peak	Vertical
*	8658.5	32.0	11.8	43.8	68.2	-24.4	Peak	Vertical
*	9678.5	33.3	11.8	45.1	68.2	-23.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11n-HT40	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	54		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8667.0	36.4	11.9	48.3	68.2	-19.9	Peak	Horizontal
*	10018.5	36.6	12.6	49.2	68.2	-19.0	Peak	Horizontal
	11123.5	34.8	15.5	50.3	74.0	-23.7	Peak	Horizontal
	11982.0	35.2	14.9	50.1	74.0	-23.9	Peak	Horizontal
*	8650.0	36.0	11.7	47.7	68.2	-20.5	Peak	Vertical
*	9899.5	37.3	12.2	49.5	68.2	-18.7	Peak	Vertical
	10885.5	35.4	14.7	50.1	74.0	-23.9	Peak	Vertical
	12050.0	35.9	15.2	51.1	74.0	-22.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11n-HT40	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	62		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	34.5	12.3	46.8	68.2	-21.4	Peak	Horizontal
*	9891.0	36.8	12.1	48.9	68.2	-19.3	Peak	Horizontal
	11183.0	35.7	15.5	51.2	74.0	-22.8	Peak	Horizontal
	11786.5	34.3	14.7	49.0	74.0	-25.0	Peak	Horizontal
*	8828.5	36.5	11.9	48.4	68.2	-19.8	Peak	Vertical
*	9908.0	37.6	12.3	49.9	68.2	-18.3	Peak	Vertical
	10724.0	36.8	14.5	51.3	74.0	-22.7	Peak	Vertical
	12058.5	36.9	15.2	52.1	74.0	-21.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11n-HT40	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	102		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7689.5	34.5	8.6	43.1	74.0	-30.9	Peak	Horizontal
	8352.5	33.9	10.0	43.9	74.0	-30.1	Peak	Horizontal
*	8777.5	34.1	12.0	46.1	68.2	-22.1	Peak	Horizontal
*	10333.0	32.8	14.1	46.9	68.2	-21.3	Peak	Horizontal
	7570.5	34.9	8.9	43.8	74.0	-30.2	Peak	Vertical
	8140.0	35.2	9.4	44.6	74.0	-29.4	Peak	Vertical
*	8777.5	33.4	12.0	45.4	68.2	-22.8	Peak	Vertical
*	10273.5	33.8	13.2	47.0	68.2	-21.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11n-HT40	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	110		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	33.0	9.4	42.4	74.0	-31.6	Peak	Horizontal
	8335.5	33.9	9.9	43.8	74.0	-30.2	Peak	Horizontal
*	8735.0	31.6	12.3	43.9	68.2	-24.3	Peak	Horizontal
*	9789.0	33.9	12.3	46.2	68.2	-22.0	Peak	Horizontal
	7596.0	33.4	9.2	42.6	74.0	-31.4	Peak	Vertical
	8276.0	33.1	9.5	42.6	74.0	-31.4	Peak	Vertical
*	8811.5	32.6	11.8	44.4	68.2	-23.8	Peak	Vertical
*	9763.5	34.0	12.1	46.1	68.2	-22.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11n-HT40	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	134		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8310.0	33.4	9.9	43.3	74.0	-30.7	Peak	Horizontal
	11557.0	32.7	15.8	48.5	74.0	-25.5	Peak	Horizontal
*	12857.5	33.1	15.1	48.2	68.2	-20.0	Peak	Horizontal
*	13478.0	33.2	16.9	50.1	68.2	-18.1	Peak	Horizontal
	8318.5	33.2	9.8	43.0	74.0	-31.0	Peak	Vertical
	11455.0	33.7	15.1	48.8	74.0	-25.2	Peak	Vertical
*	12840.5	36.4	15.0	51.4	68.2	-16.8	Peak	Vertical
*	13911.5	32.9	16.3	49.2	68.2	-19.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT20	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	52		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	35.1	12.1	47.2	68.2	-21.0	Peak	Horizontal
*	9984.5	35.9	12.5	48.4	68.2	-19.8	Peak	Horizontal
	11276.5	34.0	15.3	49.3	74.0	-24.7	Peak	Horizontal
	12007.5	35.3	14.5	49.8	74.0	-24.2	Peak	Horizontal
*	8735.0	36.0	12.3	48.3	68.2	-19.9	Peak	Vertical
*	10214.0	37.6	13.0	50.6	68.2	-17.6	Peak	Vertical
	11115.0	36.3	15.6	51.9	74.0	-22.1	Peak	Vertical
	11812.0	36.0	14.8	50.8	74.0	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT20	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	60		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8667.0	35.9	11.9	47.8	68.2	-20.4	Peak	Horizontal
*	9908.0	37.0	12.3	49.3	68.2	-18.9	Peak	Horizontal
	11174.5	34.3	15.4	49.7	74.0	-24.3	Peak	Horizontal
	12211.5	35.8	14.9	50.7	74.0	-23.3	Peak	Horizontal
*	8701.0	35.6	12.3	47.9	68.2	-20.3	Peak	Vertical
*	10477.5	35.7	13.9	49.6	68.2	-18.6	Peak	Vertical
	11616.5	34.8	16.2	51.0	74.0	-23.0	Peak	Vertical
	12628.0	36.9	14.6	51.5	74.0	-22.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT20	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	64		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8888.0	36.1	11.8	47.9	68.2	-20.3	Peak	Horizontal
*	9857.0	34.4	11.7	46.1	68.2	-22.1	Peak	Horizontal
	11191.5	35.0	15.5	50.5	74.0	-23.5	Peak	Horizontal
	12050.0	36.3	15.2	51.5	74.0	-22.5	Peak	Horizontal
*	8752.0	35.9	11.9	47.8	68.2	-20.4	Peak	Vertical
*	10069.5	36.4	12.5	48.9	68.2	-19.3	Peak	Vertical
	11115.0	35.3	15.6	50.9	74.0	-23.1	Peak	Vertical
	11973.5	36.4	14.7	51.1	74.0	-22.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT20	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	100		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	33.5	9.1	42.6	74.0	-31.4	Peak	Horizontal
	8293.0	33.5	9.7	43.2	74.0	-30.8	Peak	Horizontal
*	8684.0	33.9	11.9	45.8	68.2	-22.4	Peak	Horizontal
*	10435.0	33.9	13.6	47.5	68.2	-20.7	Peak	Horizontal
	7528.0	33.8	9.2	43.0	74.0	-31.0	Peak	Vertical
	8276.0	33.4	9.5	42.9	74.0	-31.1	Peak	Vertical
*	8692.5	32.4	12.1	44.5	68.2	-23.7	Peak	Vertical
*	9814.5	34.3	11.9	46.2	68.2	-22.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT20	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	116		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	35.2	8.8	44.0	74.0	-30.0	Peak	Horizontal
	8140.0	34.9	9.4	44.3	74.0	-29.7	Peak	Horizontal
*	8760.5	34.7	12.0	46.7	68.2	-21.5	Peak	Horizontal
*	9993.0	32.0	12.4	44.4	68.2	-23.8	Peak	Horizontal
	7689.5	34.4	8.6	43.0	74.0	-31.0	Peak	Vertical
	8386.5	32.7	10.0	42.7	74.0	-31.3	Peak	Vertical
*	8658.5	31.4	11.8	43.2	68.2	-25.0	Peak	Vertical
*	10035.5	34.0	12.7	46.7	68.2	-21.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT20	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	140		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681.0	34.2	8.8	43.0	74.0	-31.0	Peak	Horizontal
	8301.5	34.0	9.8	43.8	74.0	-30.2	Peak	Horizontal
*	8582.0	32.5	11.3	43.8	68.2	-24.4	Peak	Horizontal
*	9908.0	33.5	12.3	45.8	68.2	-22.4	Peak	Horizontal
	7528.0	33.2	9.2	42.4	74.0	-31.6	Peak	Vertical
	8267.5	34.9	9.4	44.3	74.0	-29.7	Peak	Vertical
*	8658.5	33.0	11.8	44.8	68.2	-23.4	Peak	Vertical
*	9976.0	33.9	12.5	46.4	68.2	-21.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT40	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	54		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8896.5	35.6	11.6	47.2	68.2	-21.0	Peak	Horizontal
*	9823.0	36.6	11.9	48.5	68.2	-19.7	Peak	Horizontal
	11565.5	35.3	15.7	51.0	74.0	-23.0	Peak	Horizontal
	12271.0	33.7	14.6	48.3	74.0	-25.7	Peak	Horizontal
*	8854.0	37.1	11.8	48.9	68.2	-19.3	Peak	Vertical
*	9636.0	34.6	11.6	46.2	68.2	-22.0	Peak	Vertical
	11021.5	33.9	14.7	48.6	74.0	-25.4	Peak	Vertical
	12033.0	35.2	15.0	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT40	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	62		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8845.5	36.9	11.9	48.8	68.2	-19.4	Peak	Horizontal
*	10010.0	36.8	12.4	49.2	68.2	-19.0	Peak	Horizontal
	11438.0	35.3	15.3	50.6	74.0	-23.4	Peak	Horizontal
	12424.0	36.1	14.5	50.6	74.0	-23.4	Peak	Horizontal
*	8845.5	36.4	11.9	48.3	68.2	-19.9	Peak	Vertical
*	10078.0	37.0	12.6	49.6	68.2	-18.6	Peak	Vertical
	11123.5	35.2	15.5	50.7	74.0	-23.3	Peak	Vertical
	11863.0	36.4	14.4	50.8	74.0	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT40	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	102		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	32.2	9.3	41.5	74.0	-32.5	Peak	Horizontal
	8301.5	34.1	9.8	43.9	74.0	-30.1	Peak	Horizontal
*	8947.5	33.7	11.6	45.3	68.2	-22.9	Peak	Horizontal
*	9678.5	34.6	11.8	46.4	68.2	-21.8	Peak	Horizontal
	7383.5	33.8	9.2	43.0	74.0	-31.0	Peak	Vertical
	8208.0	34.4	9.2	43.6	74.0	-30.4	Peak	Vertical
*	8828.5	34.2	11.9	46.1	68.2	-22.1	Peak	Vertical
*	10231.0	34.3	12.9	47.2	68.2	-21.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT40	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	110		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	32.1	9.4	41.5	74.0	-32.5	Peak	Horizontal
	8242.0	35.0	9.5	44.5	74.0	-29.5	Peak	Horizontal
*	8658.5	32.9	11.8	44.7	68.2	-23.5	Peak	Horizontal
*	9636.0	34.5	11.6	46.1	68.2	-22.1	Peak	Horizontal
	7672.5	35.0	8.8	43.8	74.0	-30.2	Peak	Vertical
	8293.0	34.2	9.7	43.9	74.0	-30.1	Peak	Vertical
*	8675.5	33.5	11.9	45.4	68.2	-22.8	Peak	Vertical
*	9789.0	34.8	12.3	47.1	68.2	-21.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT40	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	134		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8352.5	35.4	10.0	45.4	74.0	-28.6	Peak	Horizontal
	11497.5	33.2	15.4	48.6	74.0	-25.4	Peak	Horizontal
*	12900.0	35.0	15.4	50.4	68.2	-17.8	Peak	Horizontal
*	13937.0	32.8	16.9	49.7	68.2	-18.5	Peak	Horizontal
	8369.5	35.4	9.9	45.3	74.0	-28.7	Peak	Vertical
	11225.5	33.7	15.0	48.7	74.0	-25.3	Peak	Vertical
*	12917.0	32.2	15.5	47.7	68.2	-20.5	Peak	Vertical
*	13733.0	32.5	16.3	48.8	68.2	-19.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT80	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	58		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	34.8	11.8	46.6	68.2	-21.6	Peak	Horizontal
*	9899.5	35.6	12.2	47.8	68.2	-20.4	Peak	Horizontal
	11132.0	35.7	15.3	51.0	74.0	-23.0	Peak	Horizontal
	12067.0	35.9	15.2	51.1	74.0	-22.9	Peak	Horizontal
*	8633.0	35.7	11.9	47.6	68.2	-20.6	Peak	Vertical
*	10214.0	36.9	13.0	49.9	68.2	-18.3	Peak	Vertical
	11115.0	35.5	15.6	51.1	74.0	-22.9	Peak	Vertical
	12007.5	37.0	14.5	51.5	74.0	-22.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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	Dillon Diao
Test Mode	11ac-VHT80	Test Date	2021/09/01 ~ 2021/09/28
Test Channel	106		
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	33.3	9.0	42.3	74.0	-31.7	Peak	Horizontal
	8284.5	34.6	9.6	44.2	74.0	-29.8	Peak	Horizontal
*	8777.5	32.3	12.0	44.3	68.2	-23.9	Peak	Horizontal
*	9721.0	34.1	12.0	46.1	68.2	-22.1	Peak	Horizontal
	7536.5	34.1	9.0	43.1	74.0	-30.9	Peak	Vertical
	8344.0	33.8	10.1	43.9	74.0	-30.1	Peak	Vertical
*	8837.0	34.0	12.0	46.0	68.2	-22.2	Peak	Vertical
*	10392.5	34.5	13.6	48.1	68.2	-20.1	Peak	Vertical

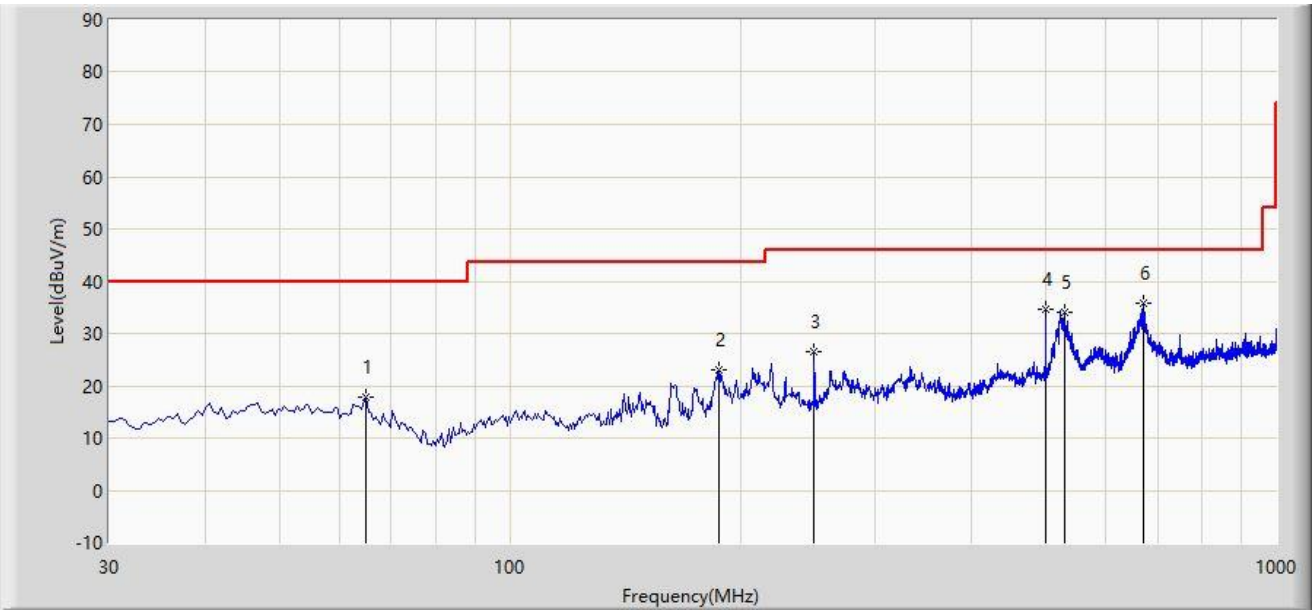
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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 Radiated Emission below 1GHz:

Site: NS-AC1	Test Date: 2021/09/01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at Channel 5270MHz	



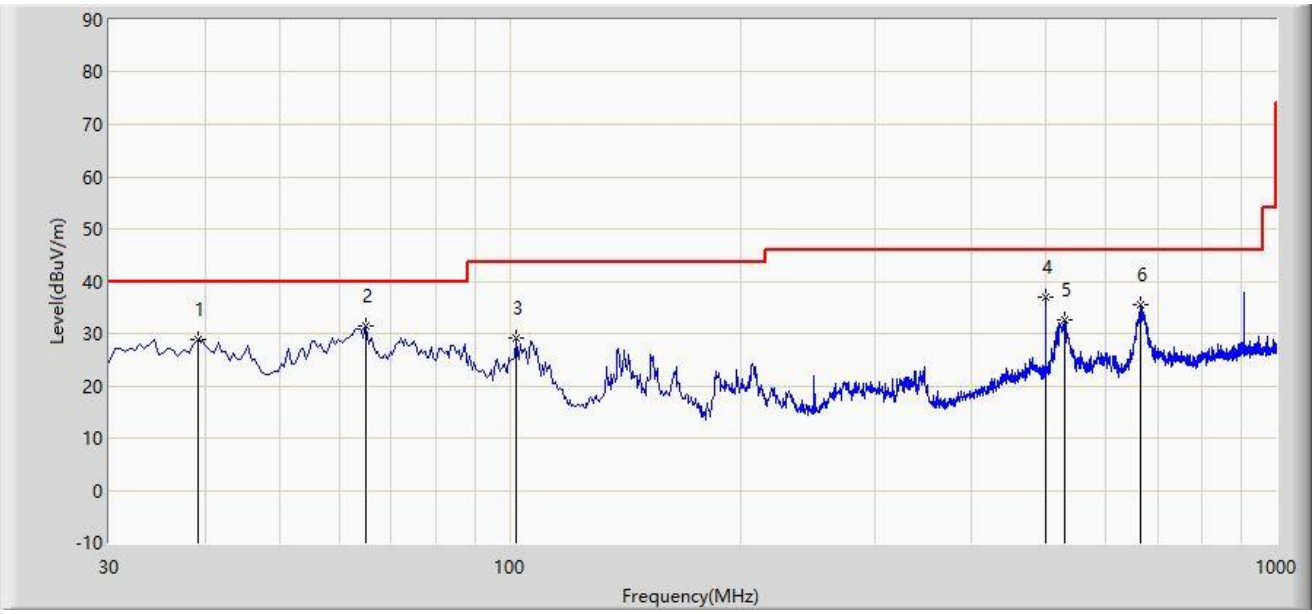
No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			64.920	17.896	3.208	-22.104	40.000	14.688	PK
2			187.625	22.974	8.870	-20.526	43.500	14.104	PK
3			249.705	26.615	10.010	-19.385	46.000	16.605	PK
4			499.965	34.640	13.062	-11.360	46.000	21.578	PK
5			528.580	34.020	12.173	-11.980	46.000	21.847	PK
6		*	671.170	35.817	11.035	-10.183	46.000	24.782	PK

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

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 18GHz to 40GHz) 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: 2021/09/01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at Channel 5270MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			39.215	28.879	12.822	-11.121	40.000	16.057	PK
2		*	64.920	31.489	16.801	-8.511	40.000	14.688	PK
3			101.780	29.015	13.709	-14.485	43.500	15.307	PK
4			499.965	36.857	15.279	-9.143	46.000	21.578	PK
5			528.580	32.509	10.662	-13.491	46.000	21.847	PK
6			665.350	35.519	10.931	-10.481	46.000	24.588	PK

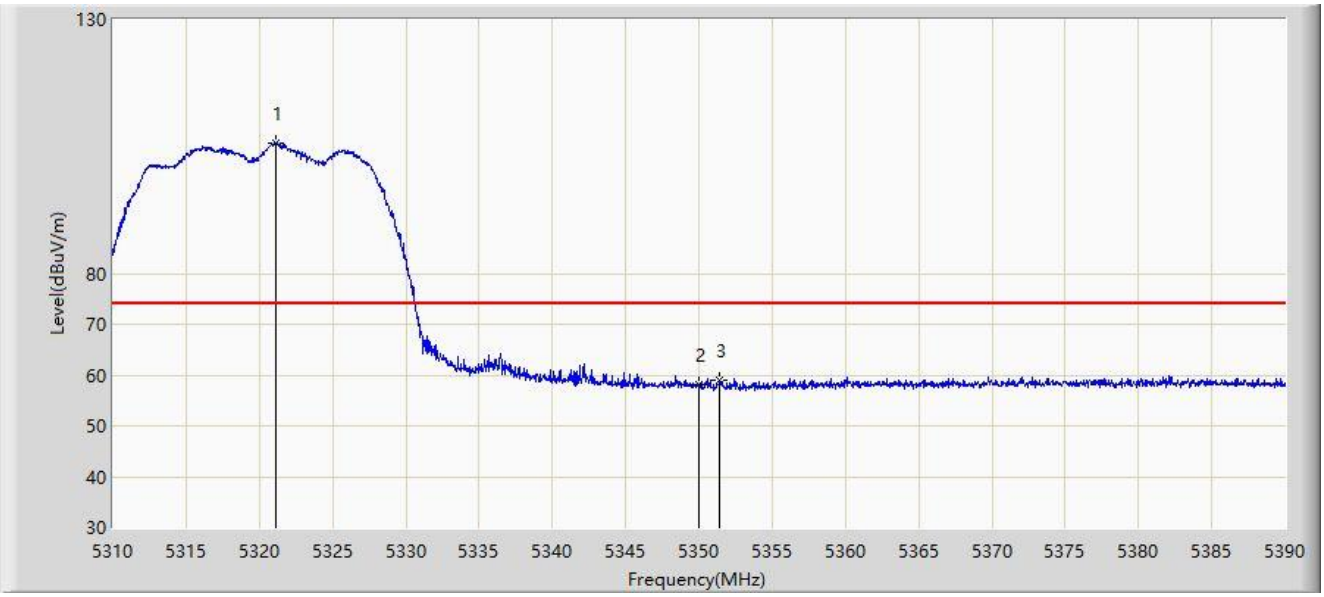
Note 1: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 18GHz to 40GHz) 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.

A.7 Radiated Restricted Band Edge Test Result

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5320MHz	

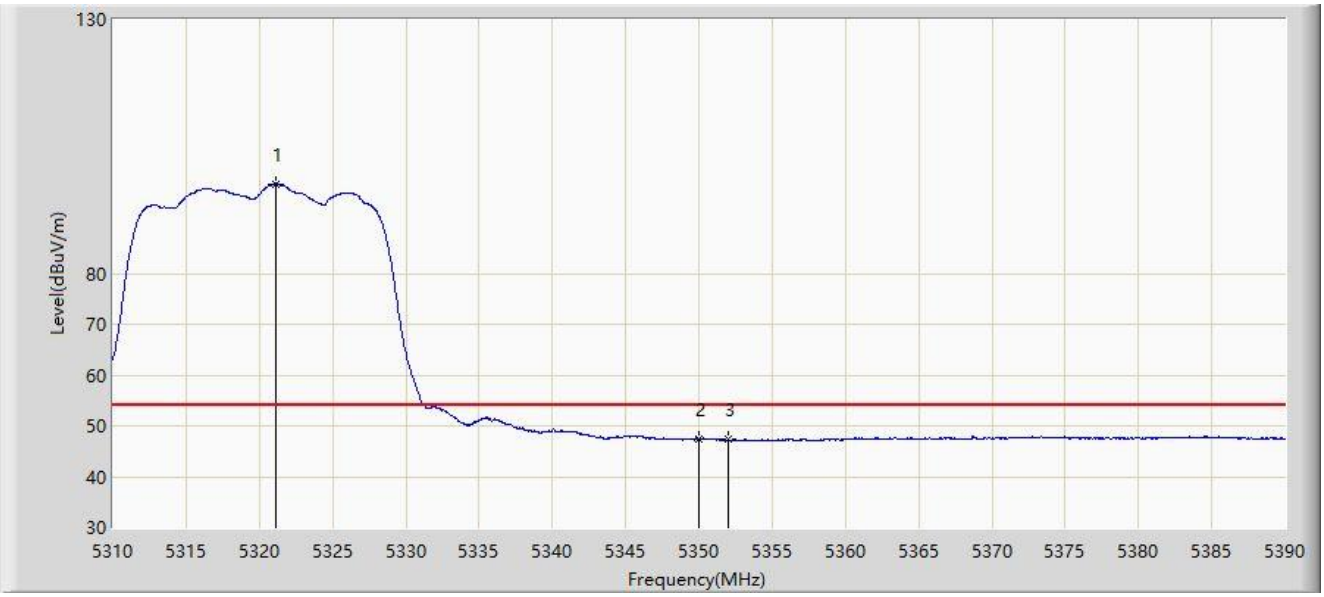


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5321.080	105.754	104.278	N/A	N/A	1.476	PK
2			5350.000	57.978	56.768	-16.022	74.000	1.210	PK
3			5351.440	59.118	57.928	-14.882	74.000	1.190	PK

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).

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5320MHz	

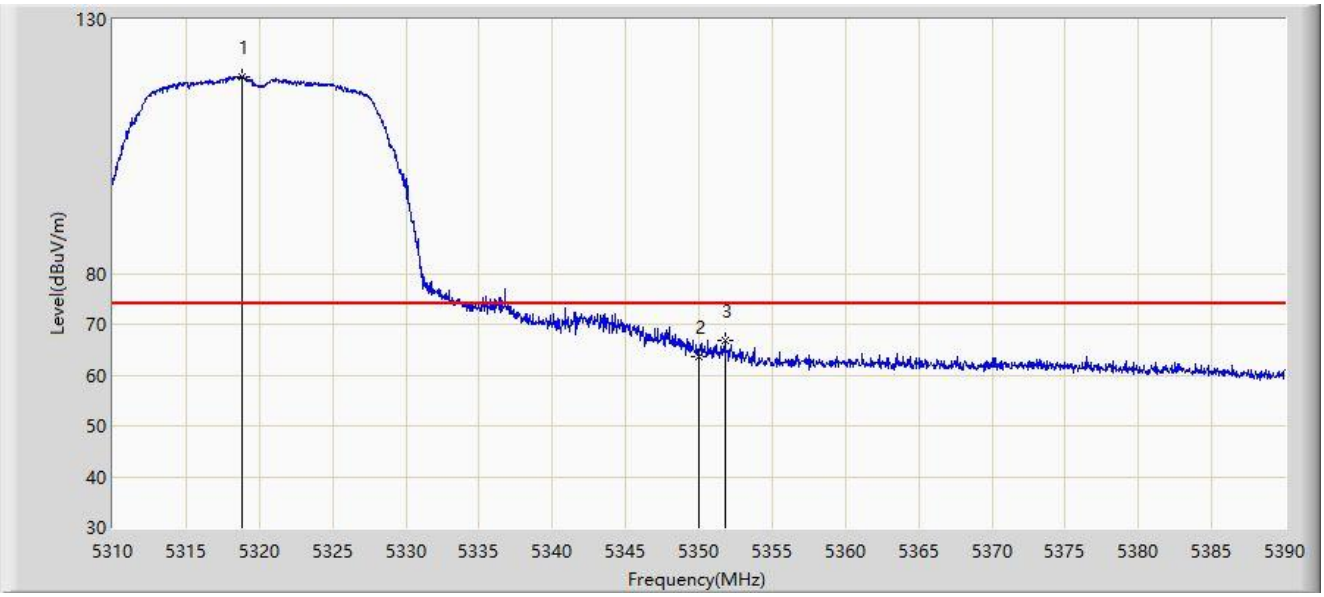


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5321.160	97.679	96.203	N/A	N/A	1.475	AV
2			5350.000	47.346	46.136	-6.654	54.000	1.210	AV
3			5352.000	47.311	46.129	-6.689	54.000	1.182	AV

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).

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5320MHz	

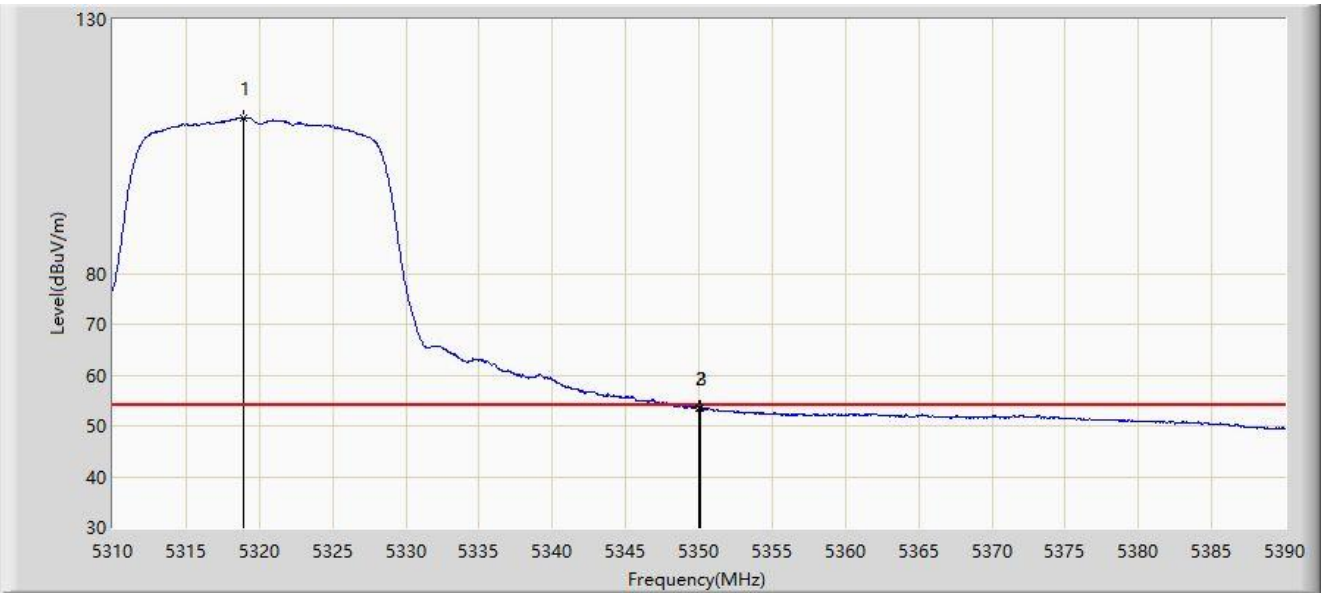


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5318.800	118.810	117.325	N/A	N/A	1.485	PK
2			5350.000	63.759	62.549	-10.241	74.000	1.210	PK
3			5351.760	66.801	65.616	-7.199	74.000	1.185	PK

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).

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5320MHz	

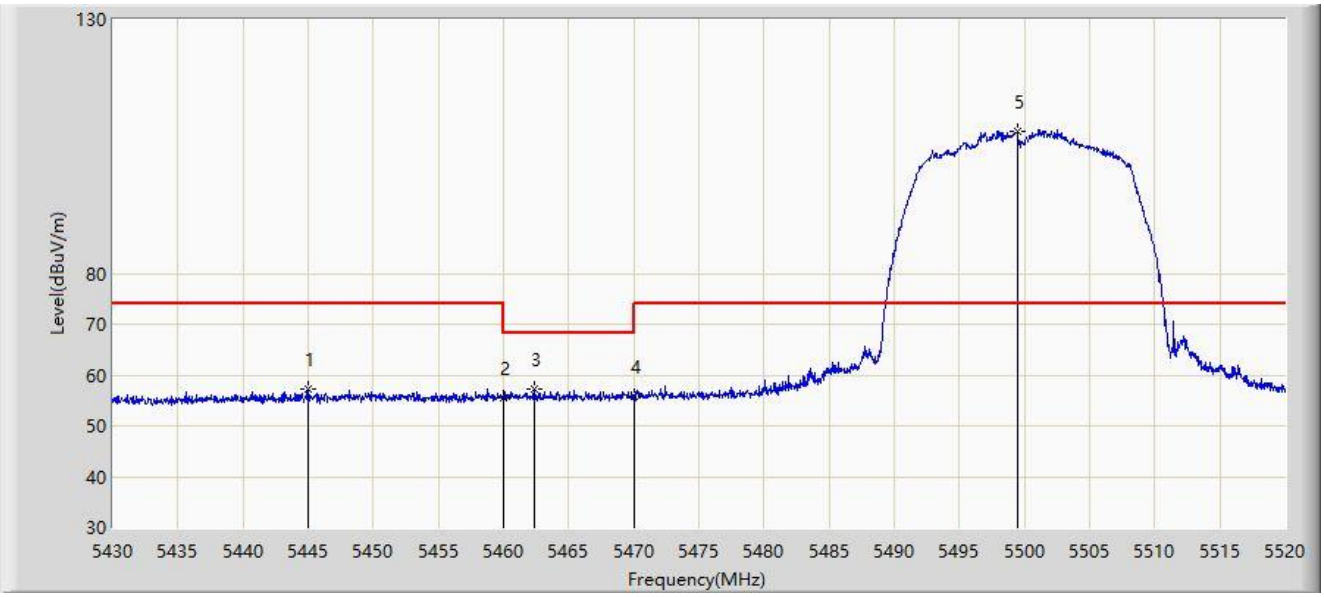


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	X	*	5318.880	110.705	109.220	N/A	N/A	1.484	AV
2			5350.000	53.617	52.407	-0.383	54.000	1.210	AV
3			5350.120	53.544	52.336	-0.456	54.000	1.209	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5500MHz	

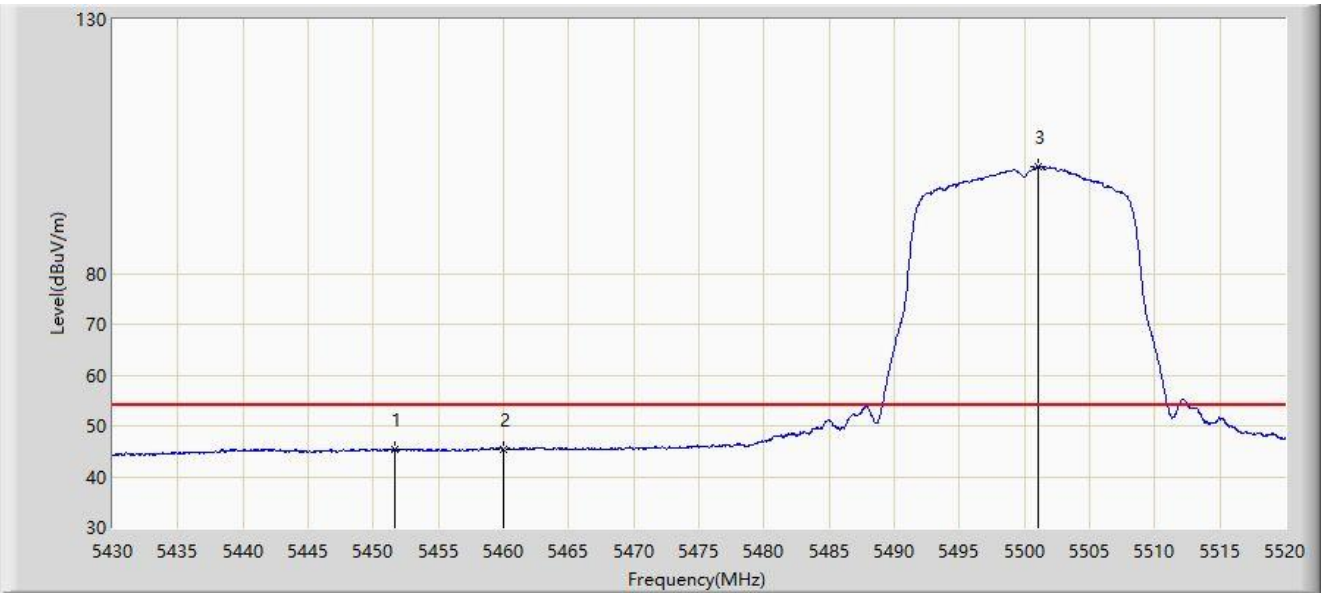


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5444.985	57.368	55.226	-16.632	74.000	2.141	PK
2			5460.000	55.534	53.309	-18.466	74.000	2.225	PK
3			5462.400	57.171	54.954	-11.029	68.200	2.217	PK
4			5470.000	55.918	53.728	-12.282	68.200	2.190	PK
5		*	5499.435	107.973	105.632	N/A	N/A	2.340	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5500MHz	

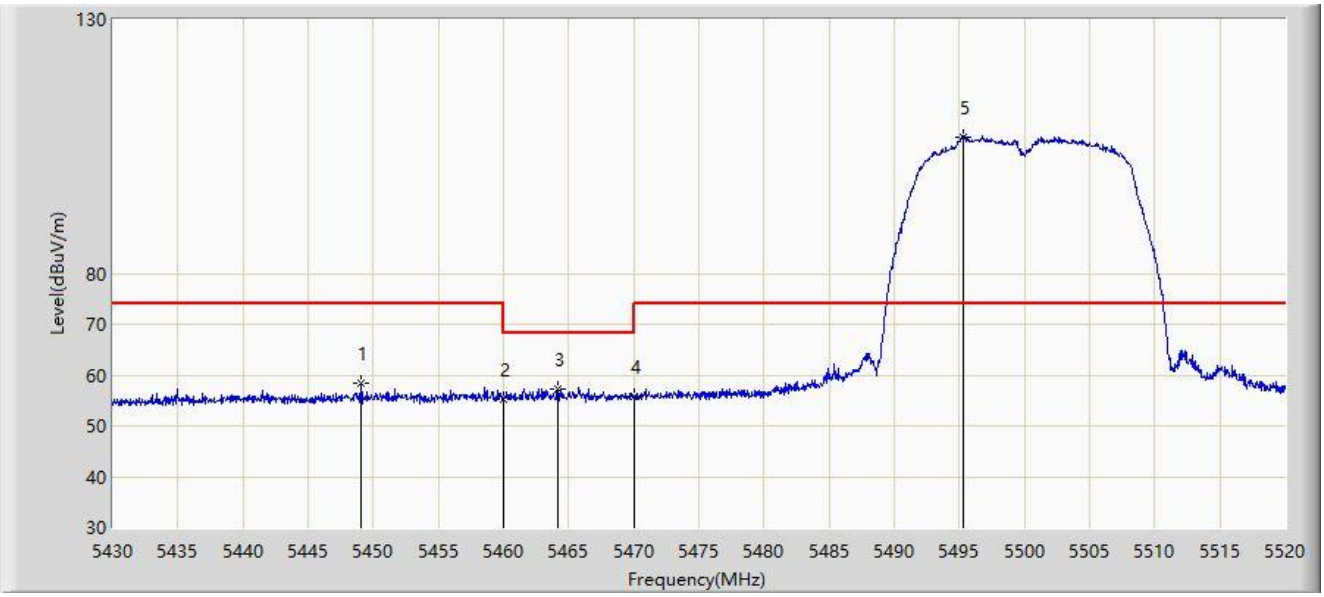


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5451.645	45.382	43.163	-8.618	54.000	2.218	AV
2			5460.000	45.410	43.185	-8.590	54.000	2.225	AV
3		*	5501.055	100.997	98.675	N/A	N/A	2.323	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5500MHz	

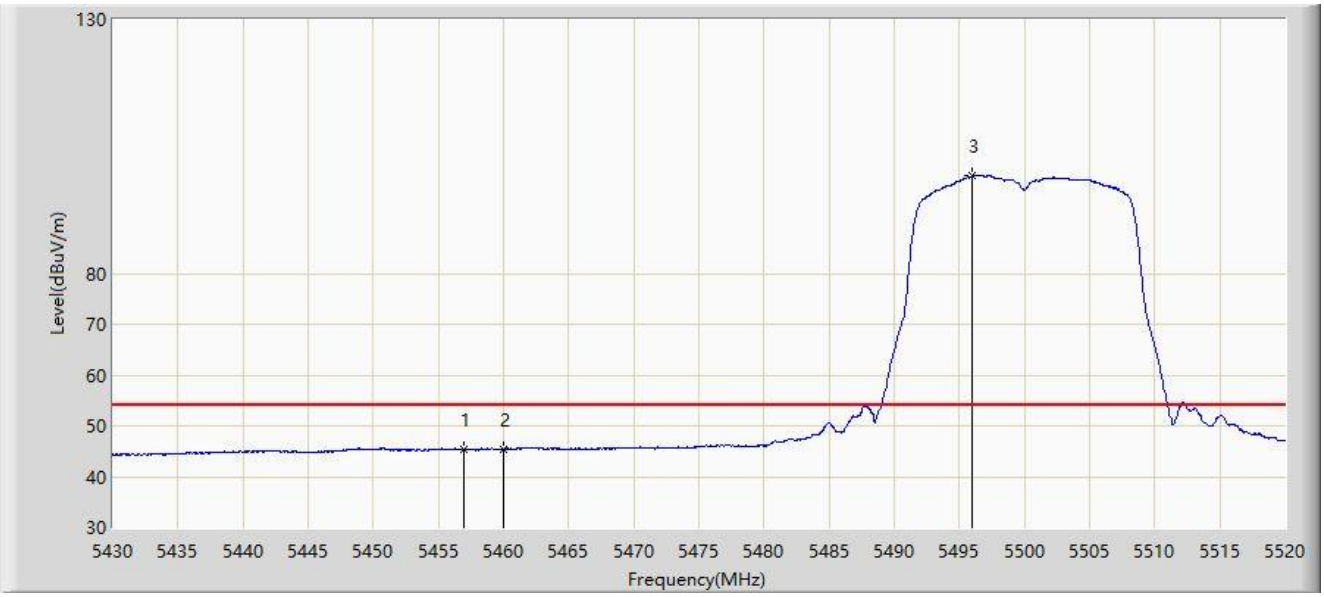


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5449.080	58.413	56.224	-15.587	74.000	2.190	PK
2			5460.000	55.343	53.118	-18.657	74.000	2.225	PK
3			5464.200	57.287	55.077	-10.913	68.200	2.210	PK
4			5470.000	55.751	53.561	-12.449	68.200	2.190	PK
5		*	5495.295	106.914	104.527	N/A	N/A	2.388	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5500MHz	

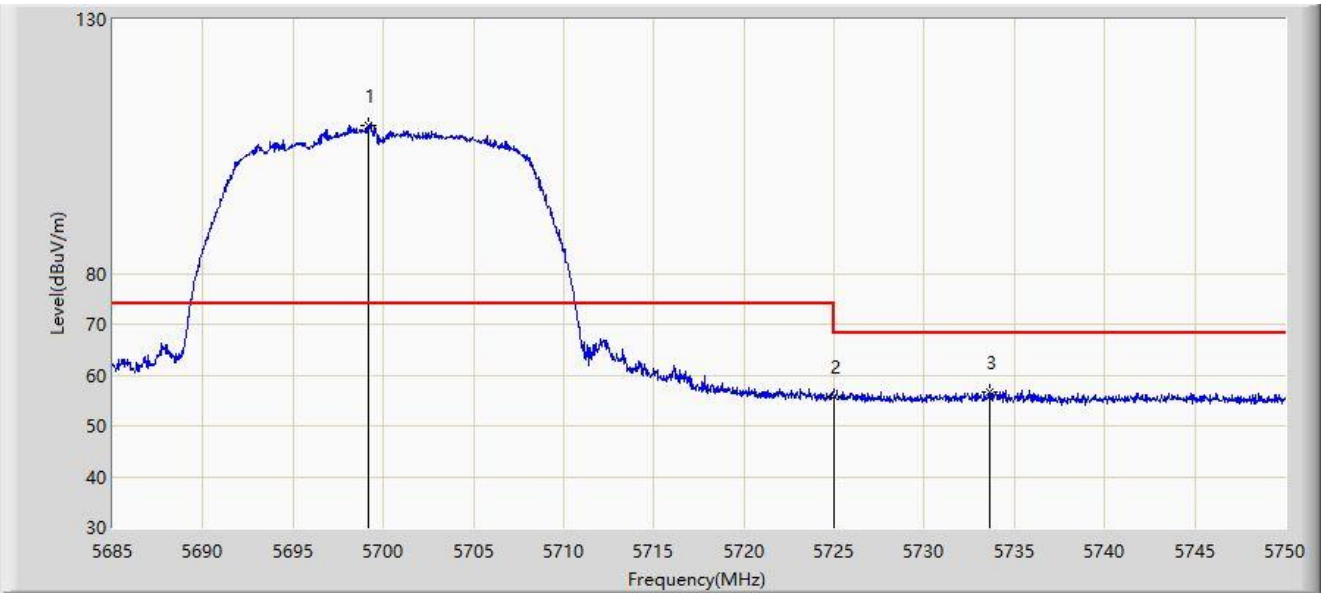


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5457.000	45.395	43.160	-8.605	54.000	2.235	AV
2			5460.000	45.466	43.241	-8.534	54.000	2.225	AV
3		*	5495.925	99.132	96.752	N/A	N/A	2.380	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5700MHz	

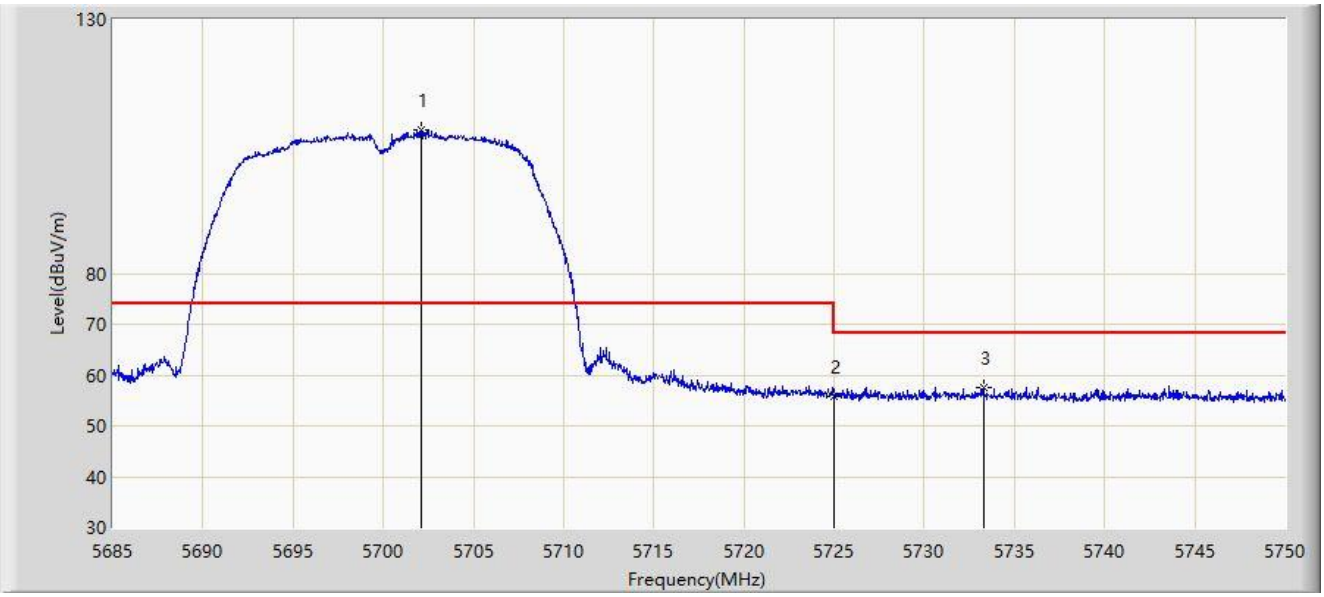


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5699.203	109.144	106.237	N/A	N/A	2.907	PK
2			5725.000	55.785	52.872	-12.415	68.200	2.913	PK
3			5733.652	56.558	53.754	-11.642	68.200	2.805	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11a at channel 5700MHz	

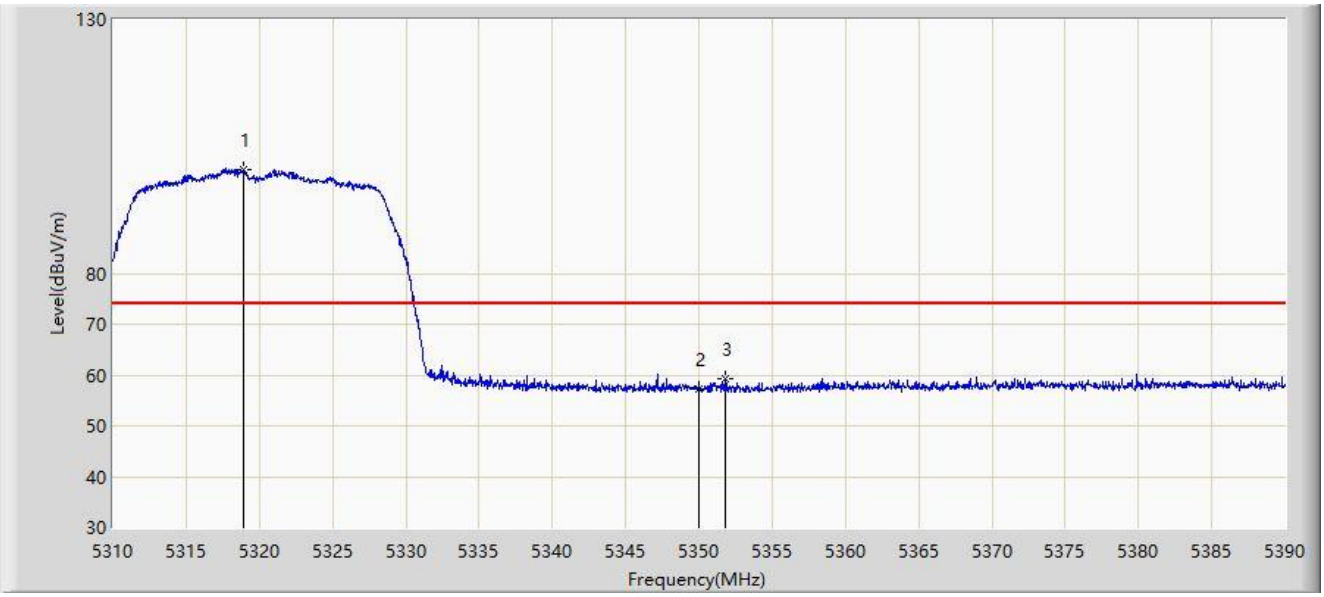


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5702.095	108.136	105.180	N/A	N/A	2.956	PK
2			5725.000	55.658	52.745	-12.542	68.200	2.913	PK
3			5733.295	57.608	54.799	-10.592	68.200	2.809	PK

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5320MHz	

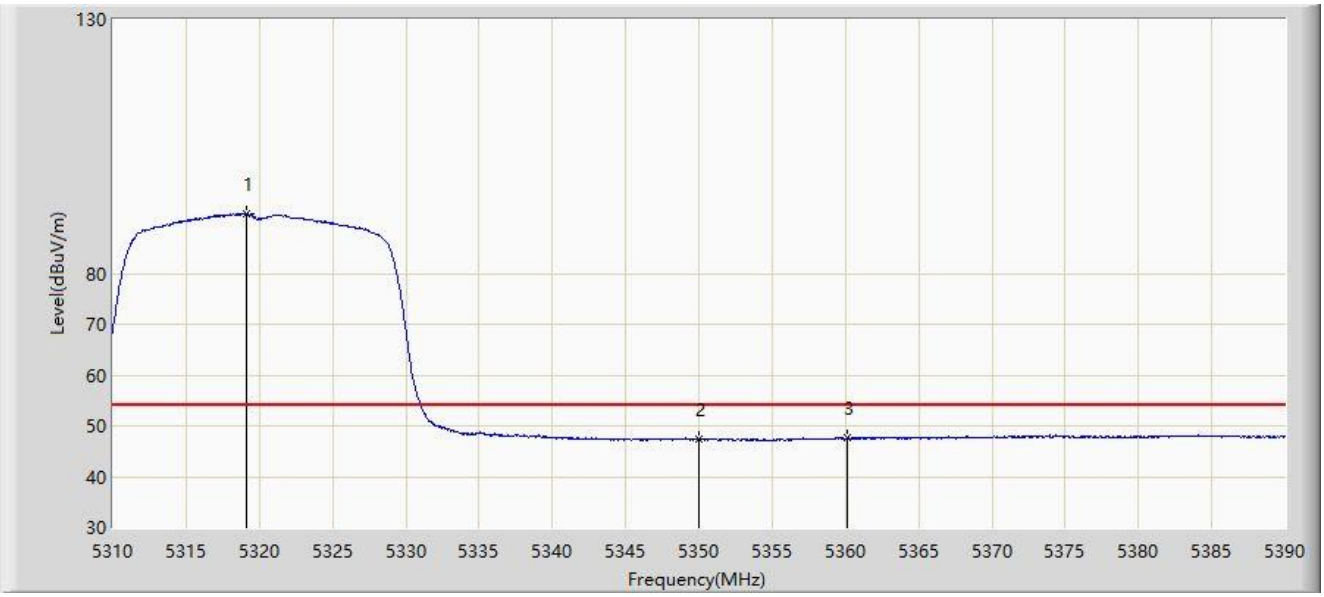


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5318.920	100.385	98.900	N/A	N/A	1.484	PK
2			5350.000	57.238	56.028	-16.762	74.000	1.210	PK
3			5351.760	59.134	57.949	-14.866	74.000	1.185	PK

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5320MHz	

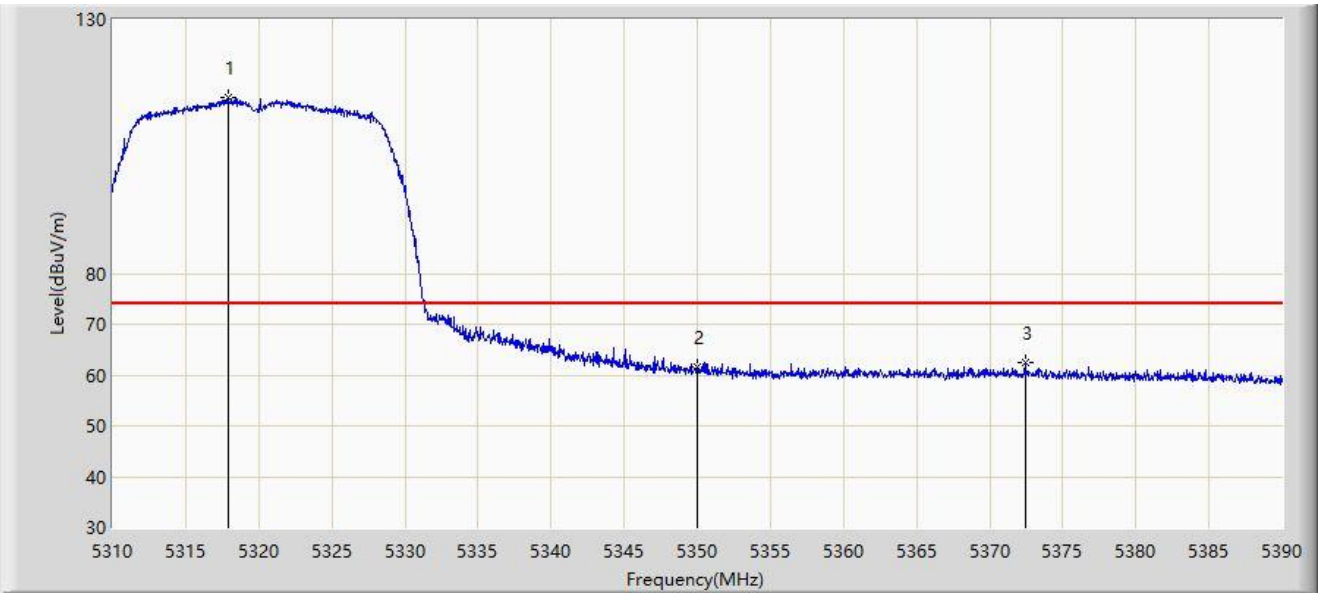


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5319.160	91.696	90.212	N/A	N/A	1.484	AV
2			5350.000	47.366	46.156	-6.634	54.000	1.210	AV
3			5360.080	47.550	46.133	-6.450	54.000	1.417	AV

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5320MHz	

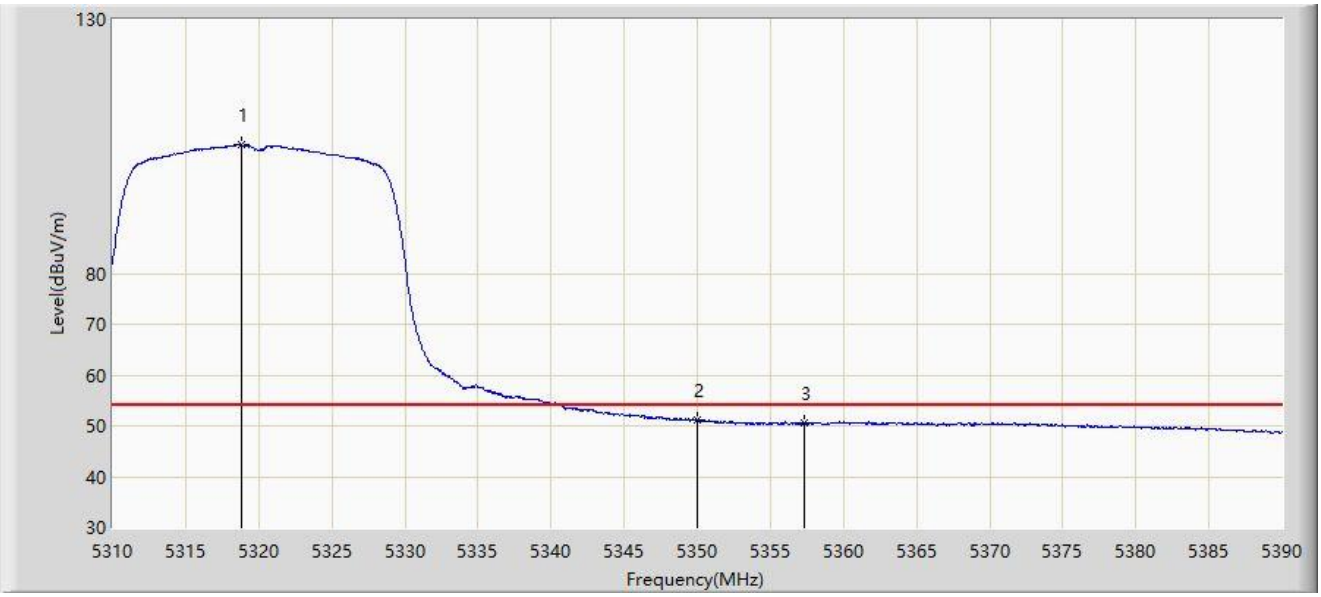


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5317.960	114.678	113.190	N/A	N/A	1.488	PK
2			5350.000	61.507	60.297	-12.493	74.000	1.210	PK
3			5372.440	62.471	60.756	-11.529	74.000	1.716	PK

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5320MHz	

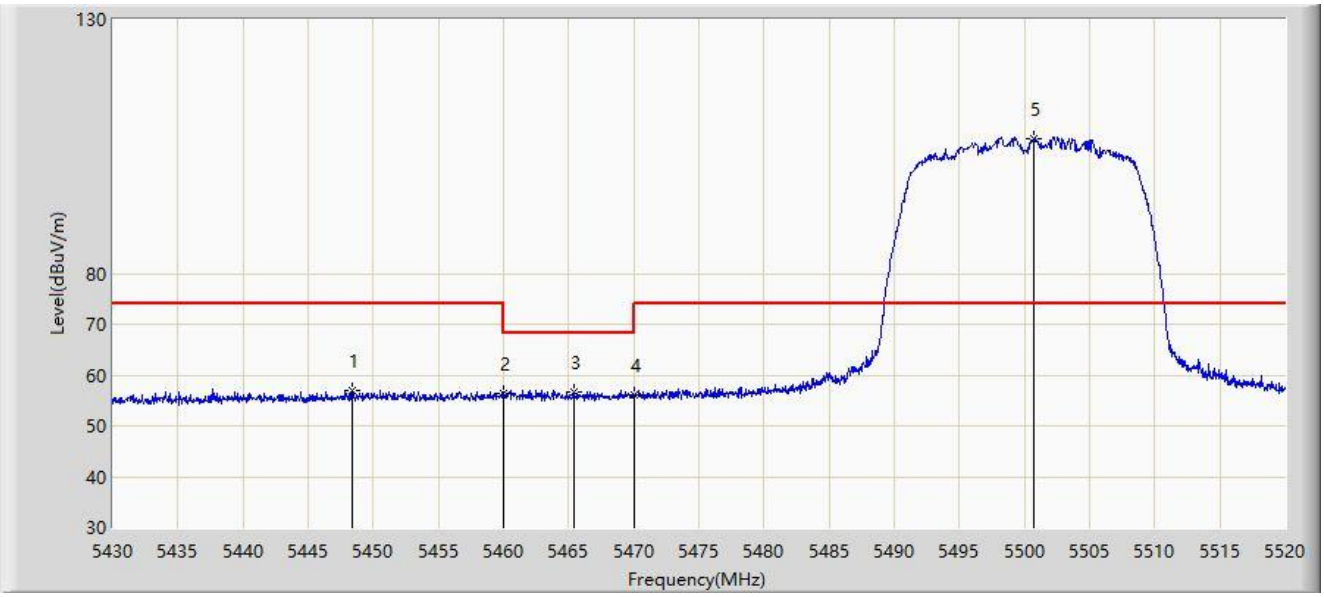


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5318.800	105.315	103.830	N/A	N/A	1.485	AV
2			5350.000	51.268	50.058	-2.732	54.000	1.210	AV
3			5357.360	50.698	49.360	-3.302	54.000	1.338	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5500MHz	

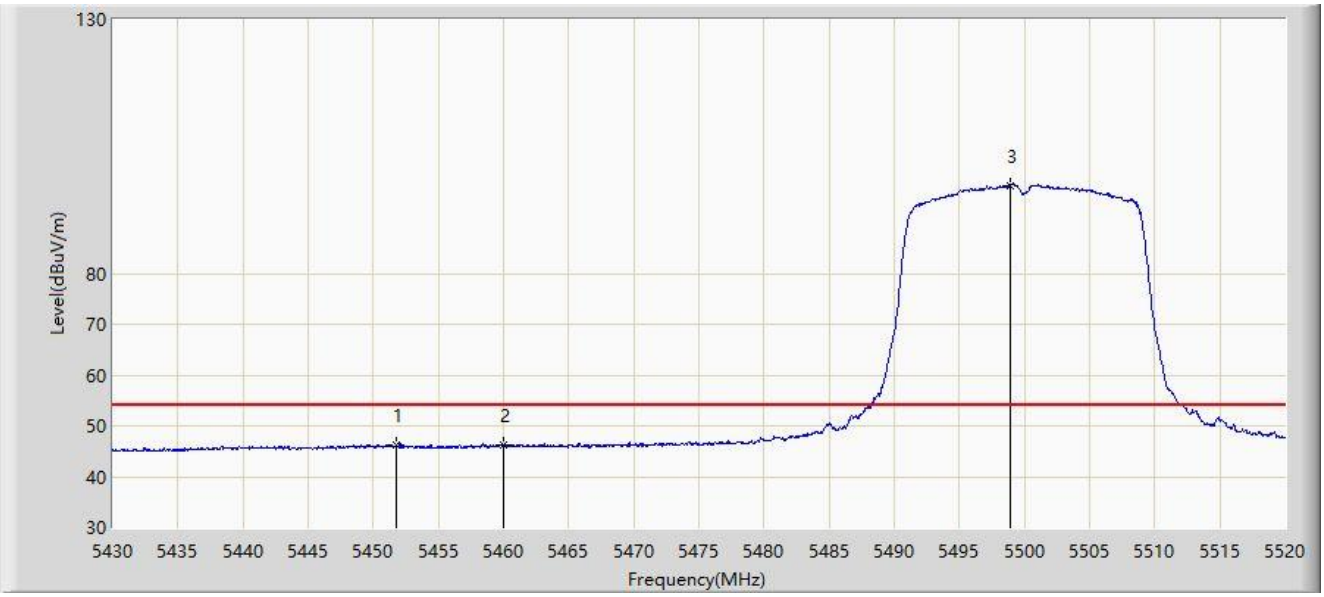


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5448.360	57.087	54.906	-16.913	74.000	2.181	PK
2			5460.000	56.241	54.016	-17.759	74.000	2.225	PK
3			5465.370	56.723	54.517	-11.477	68.200	2.207	PK
4			5470.000	56.059	53.869	-12.141	68.200	2.190	PK
5		*	5500.740	106.558	104.232	N/A	N/A	2.325	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5500MHz	

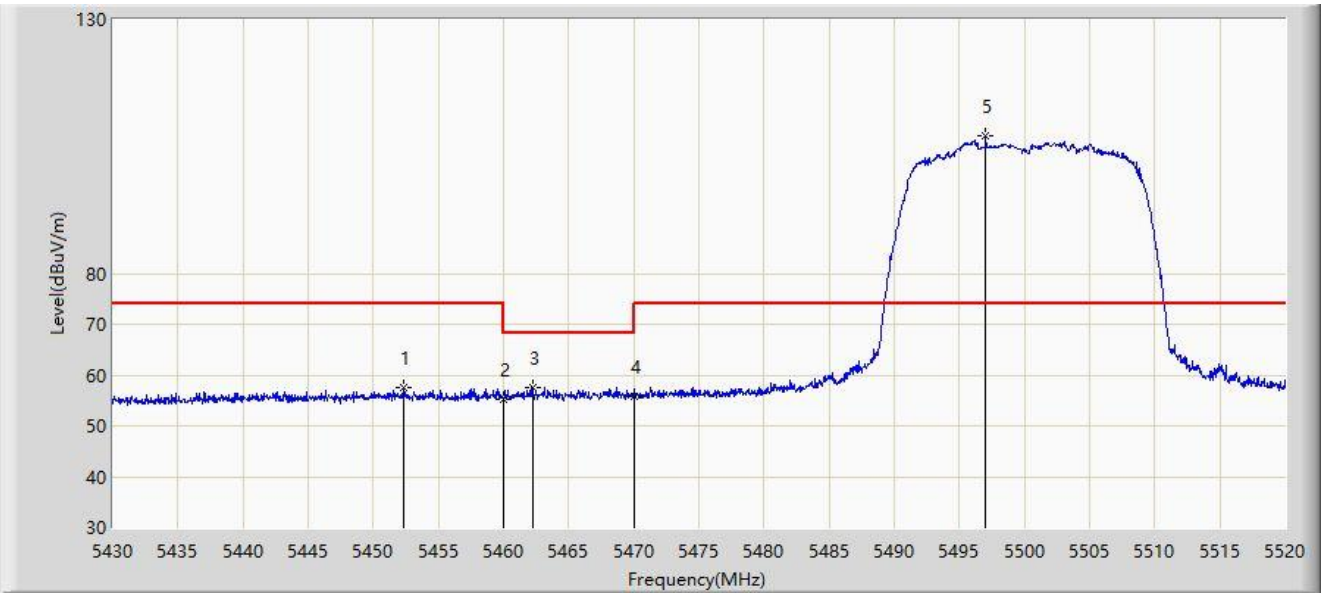


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5451.780	46.332	44.112	-7.668	54.000	2.220	AV
2			5460.000	46.107	43.882	-7.893	54.000	2.225	AV
3		*	5498.895	97.345	94.998	N/A	N/A	2.346	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5500MHz	

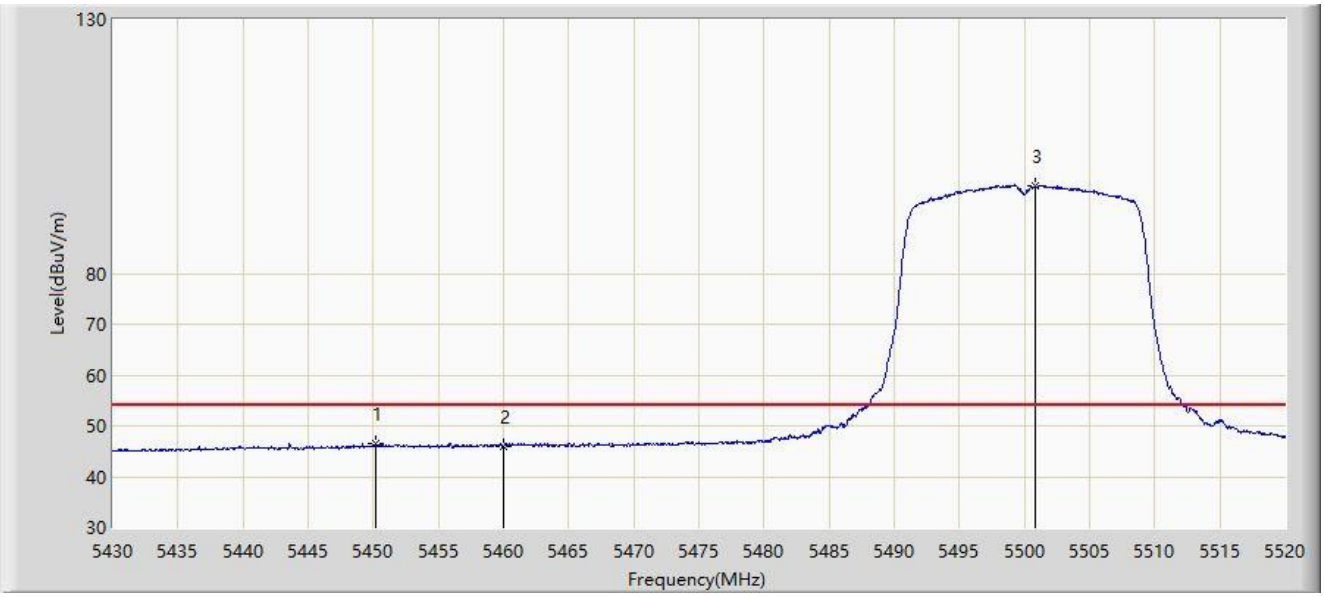


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5452.320	57.458	55.231	-16.542	74.000	2.227	PK
2			5460.000	55.262	53.037	-18.738	74.000	2.225	PK
3			5462.265	57.606	55.389	-10.594	68.200	2.217	PK
4			5470.000	55.910	53.720	-12.290	68.200	2.190	PK
5		*	5497.005	107.075	104.707	N/A	N/A	2.367	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5500MHz	

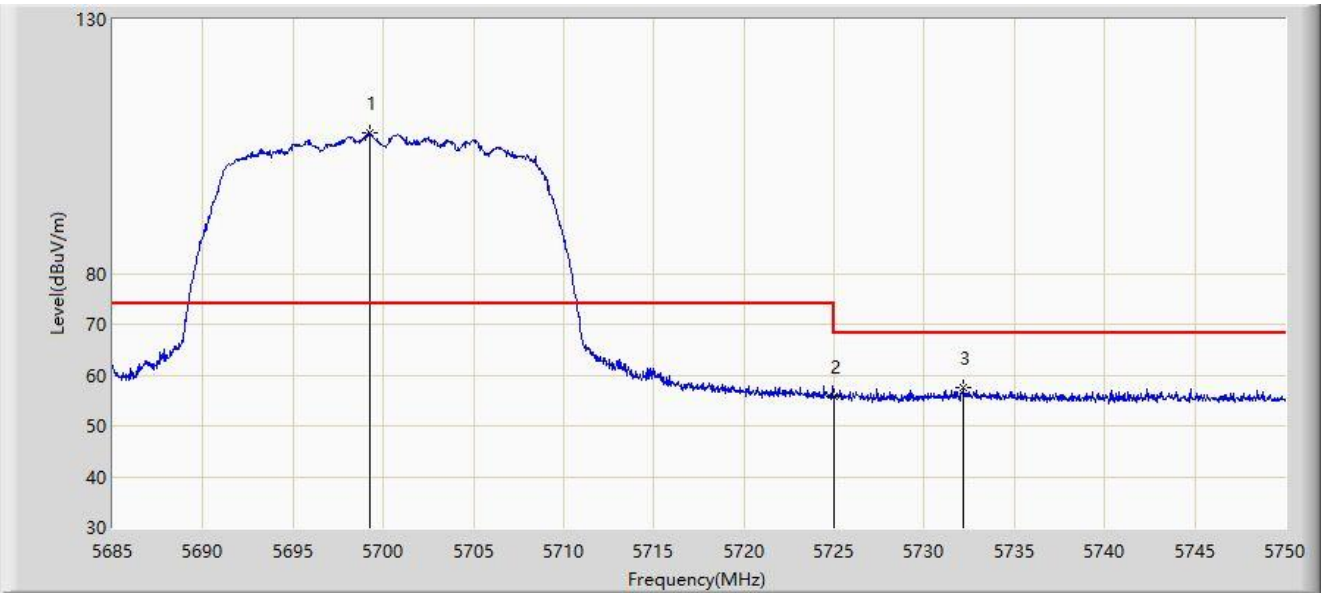


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5450.160	46.540	44.338	-7.460	54.000	2.203	AV
2			5460.000	46.029	43.804	-7.971	54.000	2.225	AV
3		*	5500.785	97.255	94.930	N/A	N/A	2.325	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5700MHz	

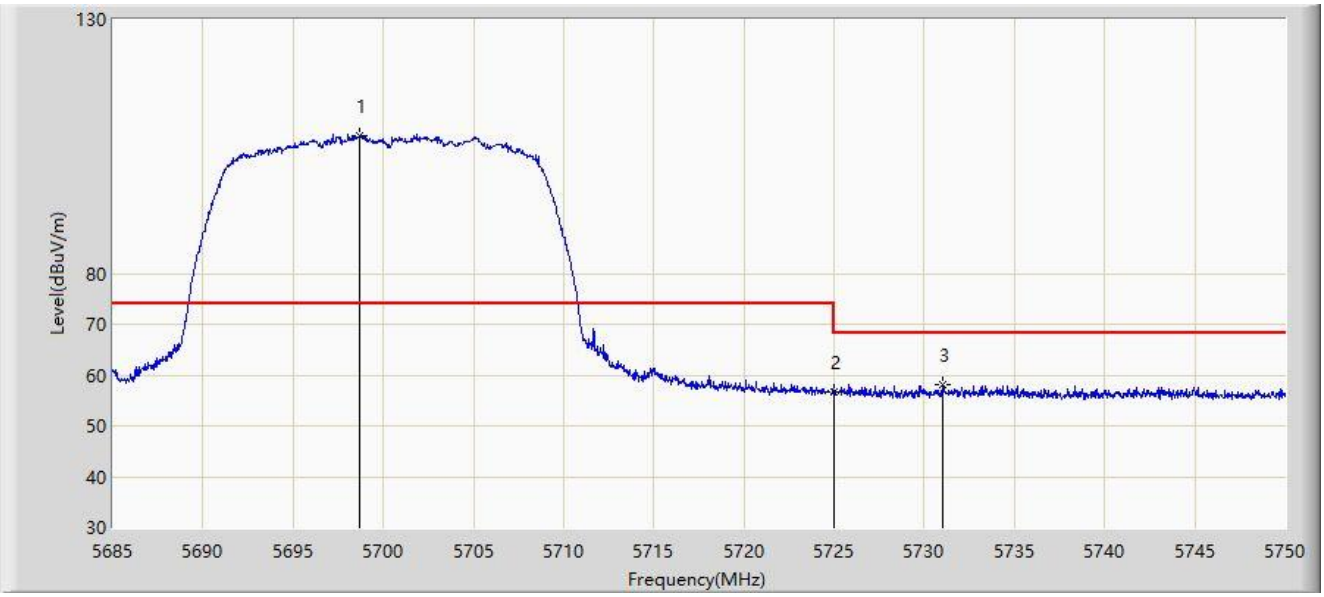


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5699.235	107.557	104.649	N/A	N/A	2.908	PK
2			5725.000	55.686	52.773	-12.514	68.200	2.913	PK
3			5732.190	57.641	54.818	-10.559	68.200	2.823	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 5700MHz	

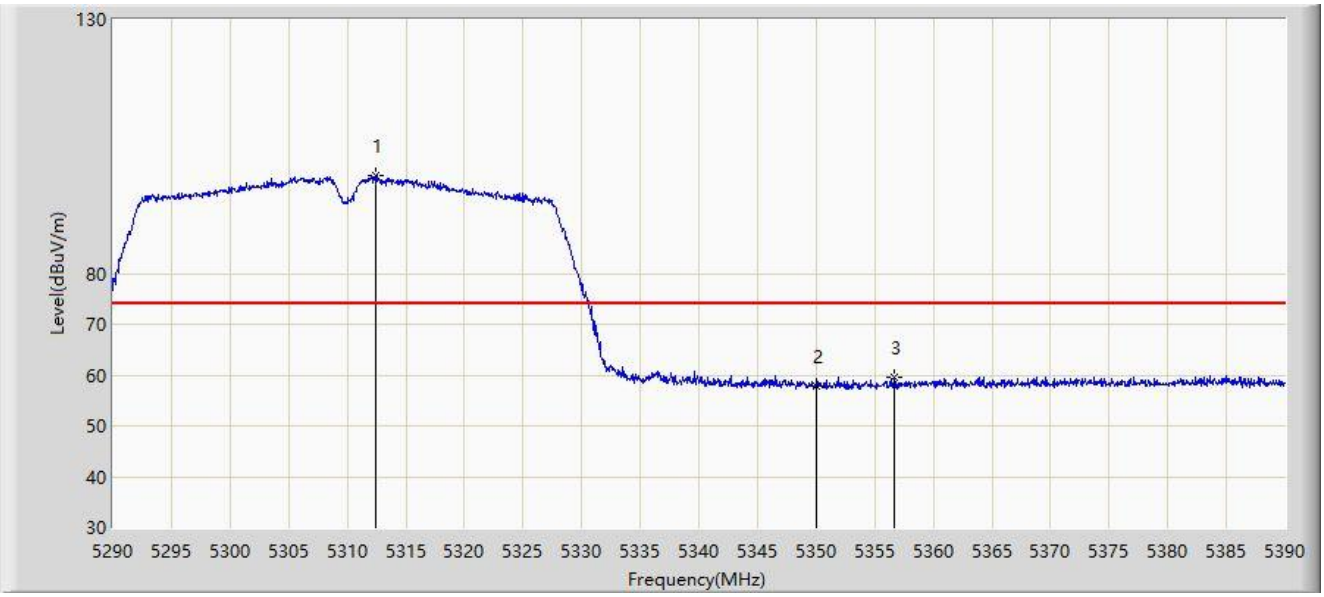


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5698.715	107.208	104.309	N/A	N/A	2.899	PK
2			5725.000	56.798	53.885	-11.402	68.200	2.913	PK
3			5730.987	58.204	55.365	-9.996	68.200	2.839	PK

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 5310MHz	

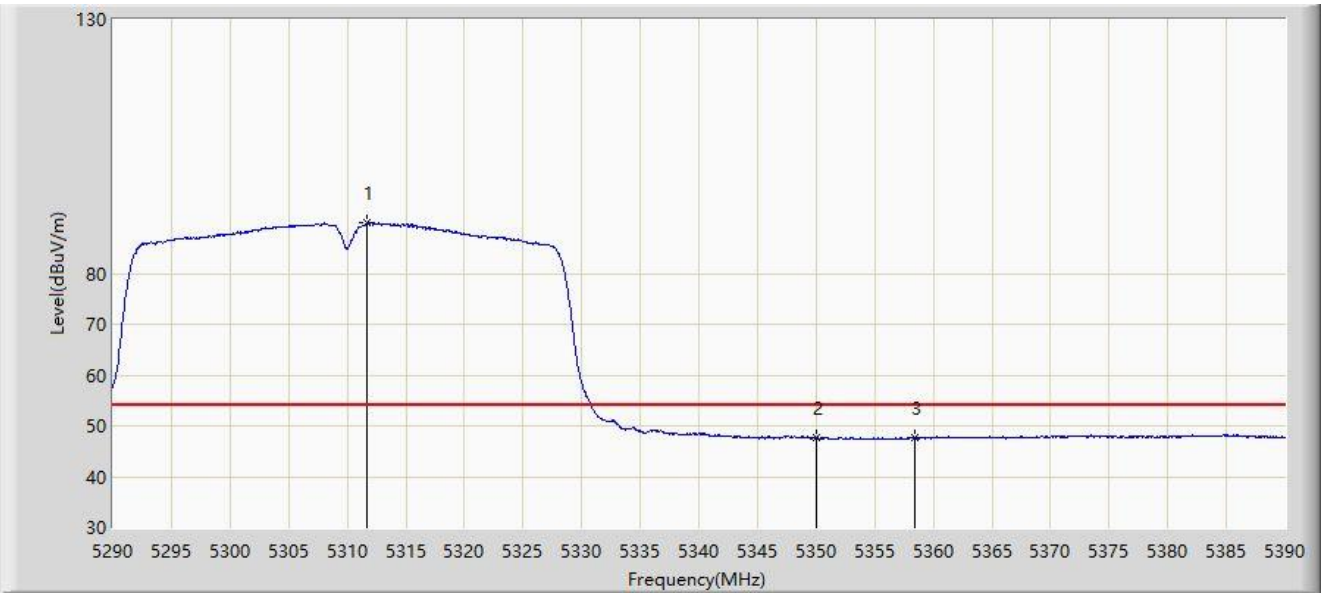


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5312.400	99.186	97.687	N/A	N/A	1.498	PK
2			5350.000	57.709	56.499	-16.291	74.000	1.210	PK
3			5356.700	59.669	58.350	-14.331	74.000	1.319	PK

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 5310MHz	

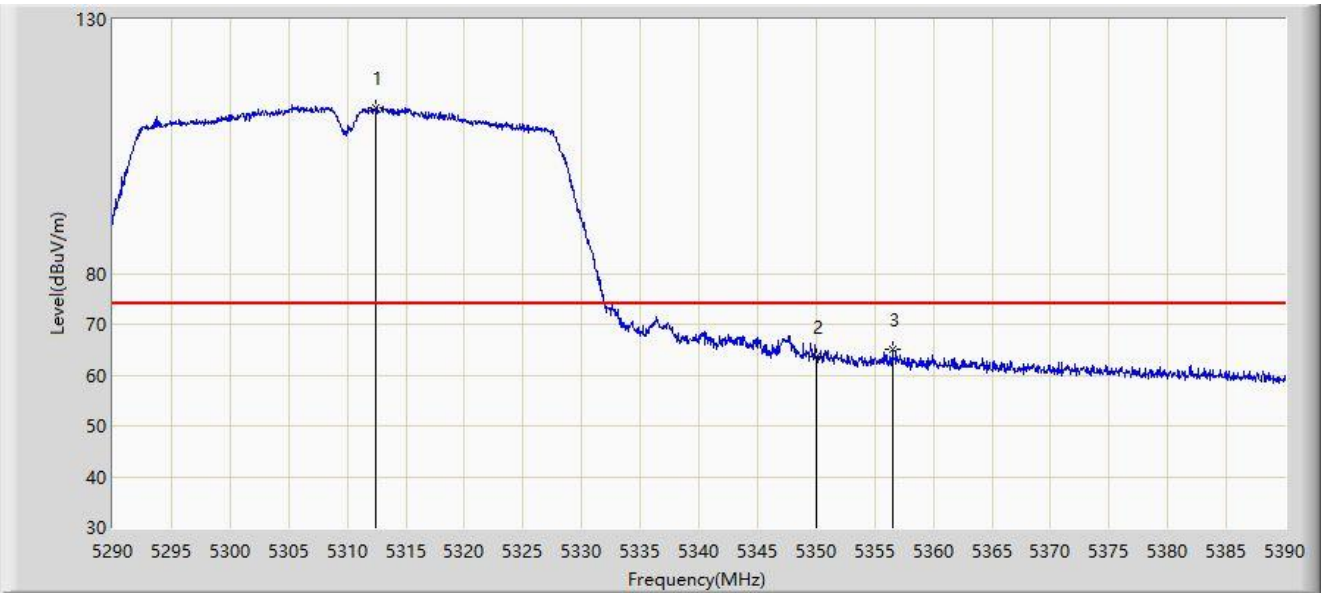


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5311.700	89.886	88.386	N/A	N/A	1.500	AV
2			5350.000	47.544	46.334	-6.456	54.000	1.210	AV
3			5358.400	47.613	46.245	-6.387	54.000	1.368	AV

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 5310MHz	

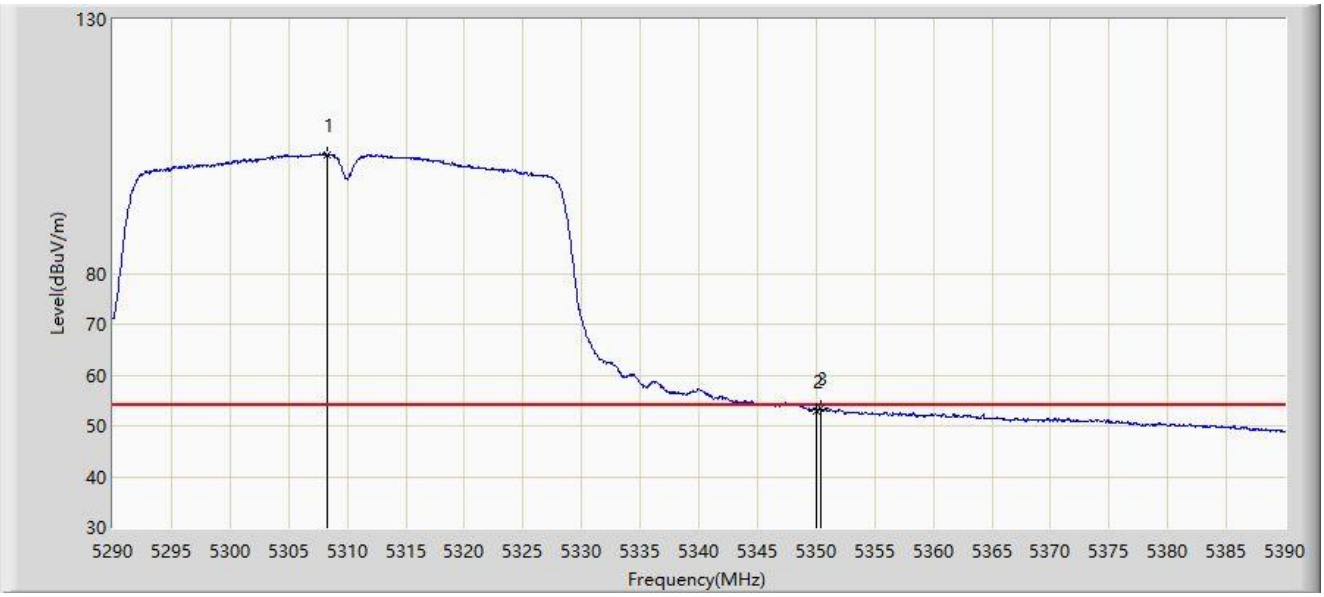


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5312.400	112.557	111.058	N/A	N/A	1.498	PK
2			5350.000	63.620	62.410	-10.380	74.000	1.210	PK
3			5356.500	65.099	63.786	-8.901	74.000	1.312	PK

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 5310MHz	

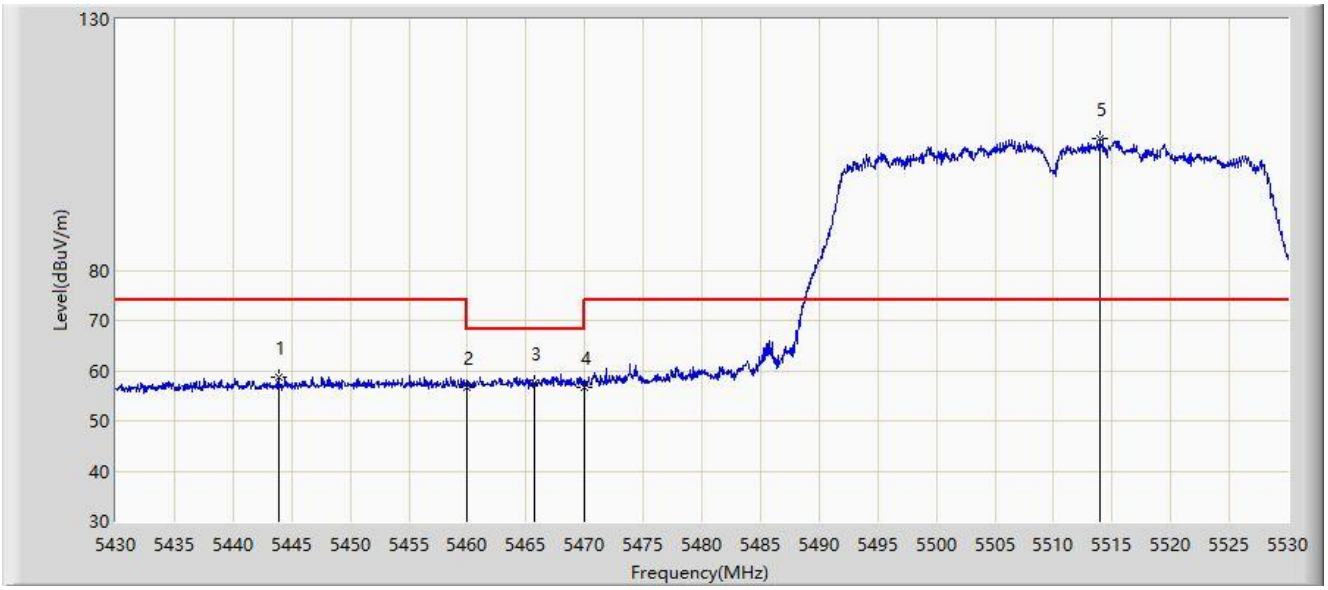


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5308.250	103.465	101.959	N/A	N/A	1.506	AV
2			5350.000	53.020	51.810	-0.980	54.000	1.210	AV
3			5350.400	53.336	52.132	-0.664	54.000	1.205	AV

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).

Site: NS-AC1	Test Date: 2021/09/27
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Note: Transmit by 11n-HT40 at channel 5510MHz	

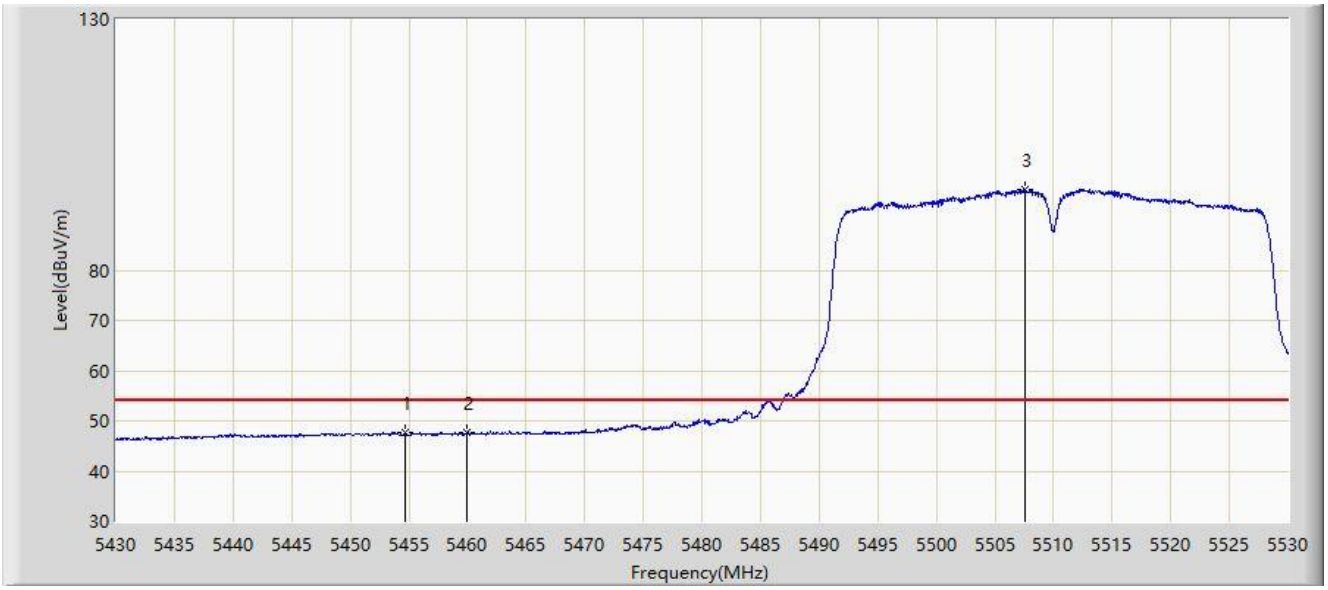


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5443.850	58.619	56.490	-15.381	74.000	2.130	PK
2			5460.000	56.603	54.378	-17.397	74.000	2.225	PK
3			5465.700	57.456	55.251	-10.744	68.200	2.205	PK
4			5470.000	56.718	54.528	-11.482	68.200	2.190	PK
5		*	5513.950	106.244	103.968	N/A	N/A	2.276	PK

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).

Site: NS-AC1	Test Date: 2021/09/27
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Note: Transmit by 11n-HT40 at channel 5510MHz	

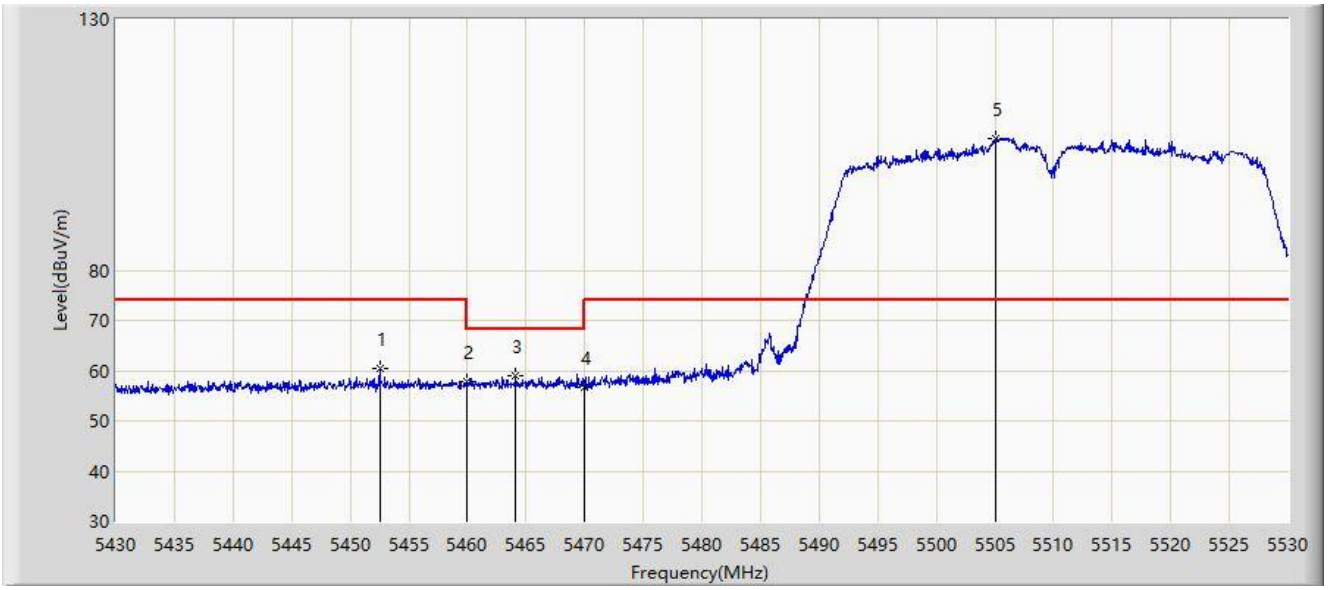


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5454.700	47.586	45.343	-6.414	54.000	2.243	AV
2			5460.000	47.563	45.338	-6.437	54.000	2.225	AV
3		*	5507.550	96.011	93.733	N/A	N/A	2.277	AV

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).

Site: NS-AC1	Test Date: 2021/09/27
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Note: Transmit by 11n-HT40 at channel 5510MHz	

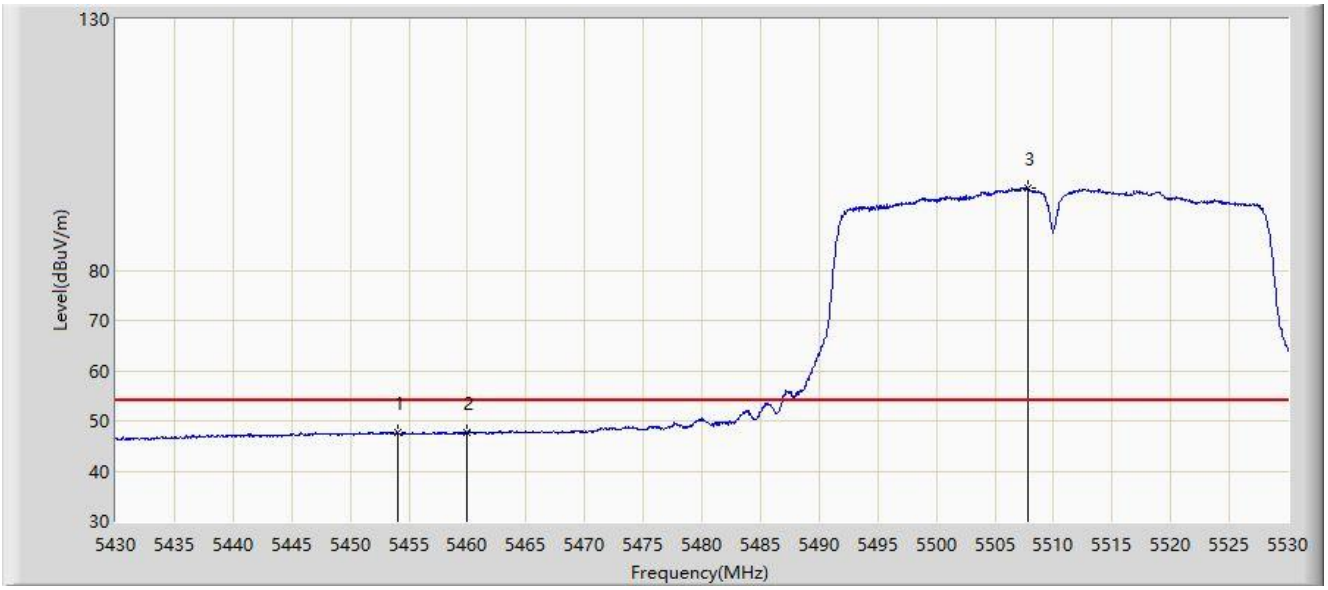


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5452.500	60.501	58.272	-13.499	74.000	2.229	PK
2			5460.000	57.763	55.538	-16.237	74.000	2.225	PK
3			5464.100	58.914	56.703	-9.286	68.200	2.211	PK
4			5470.000	56.746	54.556	-11.454	68.200	2.190	PK
5		*	5505.050	106.296	104.018	N/A	N/A	2.278	PK

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).

Site: NS-AC1	Test Date: 2021/09/27
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Note: Transmit by 11n-HT40 at channel 5510MHz	

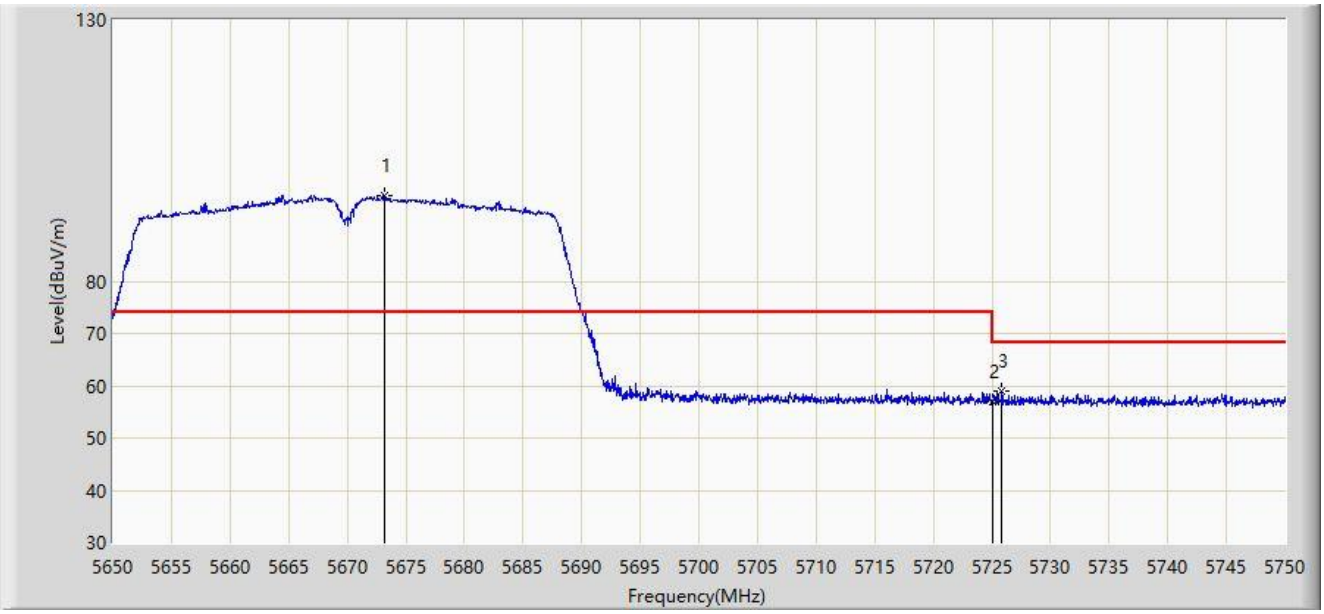


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5454.000	47.696	45.450	-6.304	54.000	2.246	AV
2			5460.000	47.615	45.390	-6.385	54.000	2.225	AV
3		*	5507.850	96.412	94.134	N/A	N/A	2.277	AV

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).

Site: NS-AC1	Test Date: 2021/11/19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at channel 5670MHz	

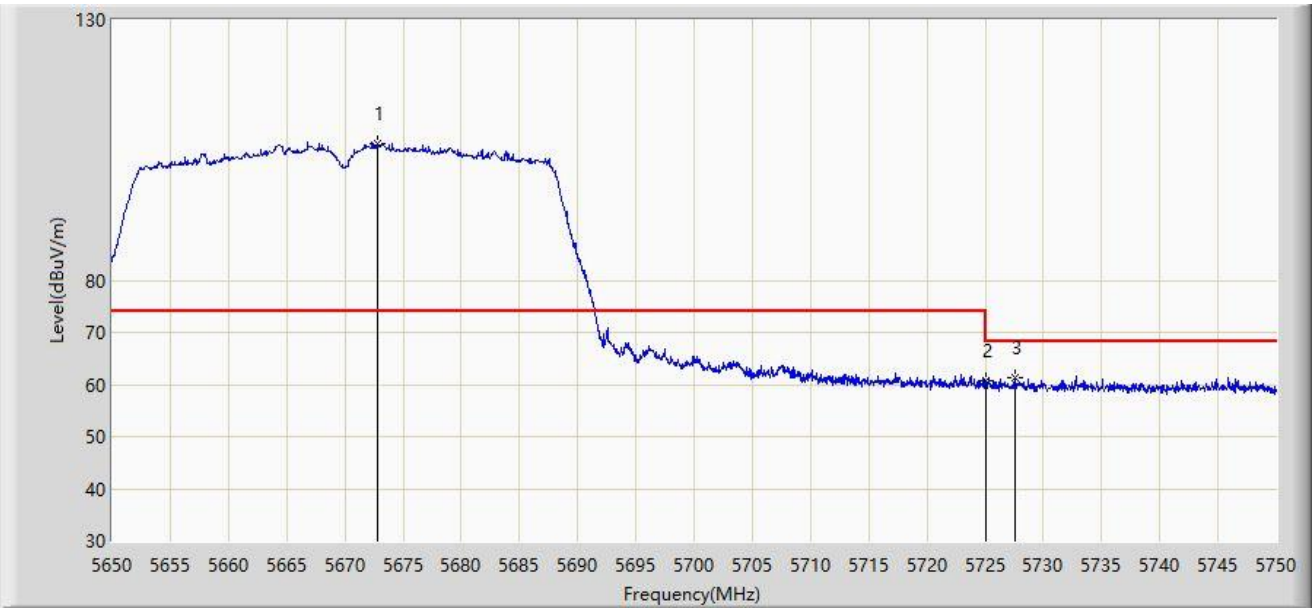


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5673.150	96.443	93.696	22.443	74.000	2.747	PK
2			5725.000	56.929	54.016	-11.271	68.200	2.913	PK
3			5725.850	58.864	55.959	-9.336	68.200	2.905	PK

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).

Site: NS-AC1	Test Date: 2021/11/19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at channel 5670MHz	

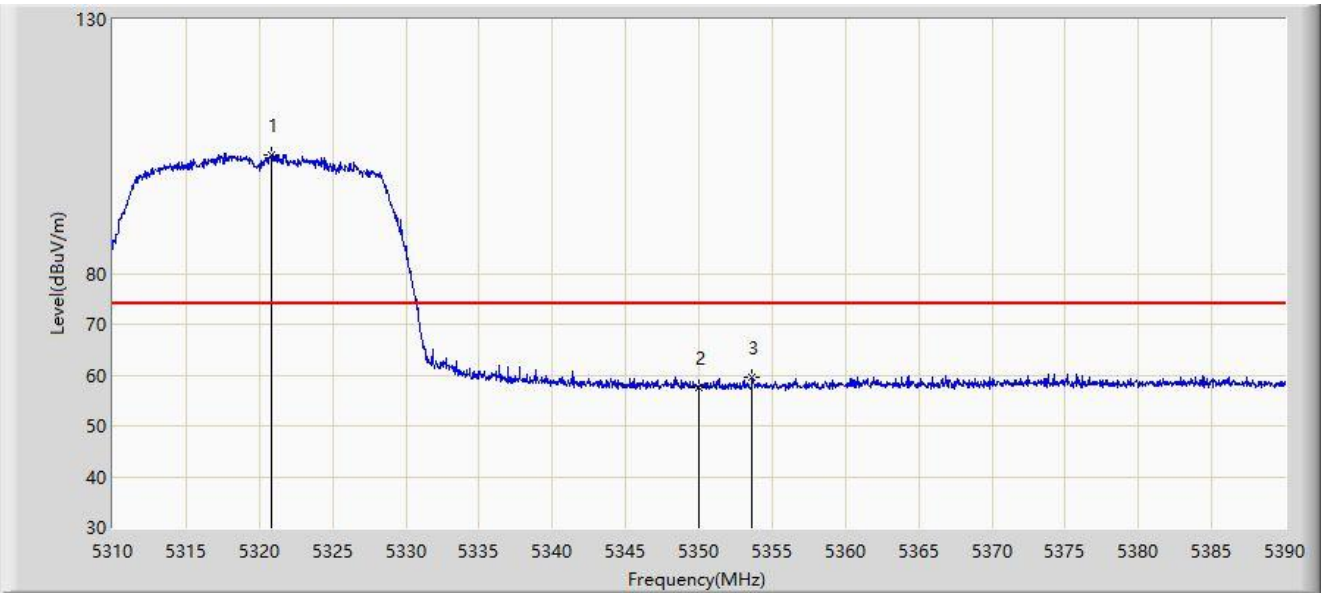


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5672.750	106.280	103.536	32.280	74.000	2.744	PK
2			5725.000	60.683	57.770	-7.517	68.200	2.913	PK
3			5727.600	61.323	58.441	-6.877	68.200	2.883	PK

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).

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5320MHz	

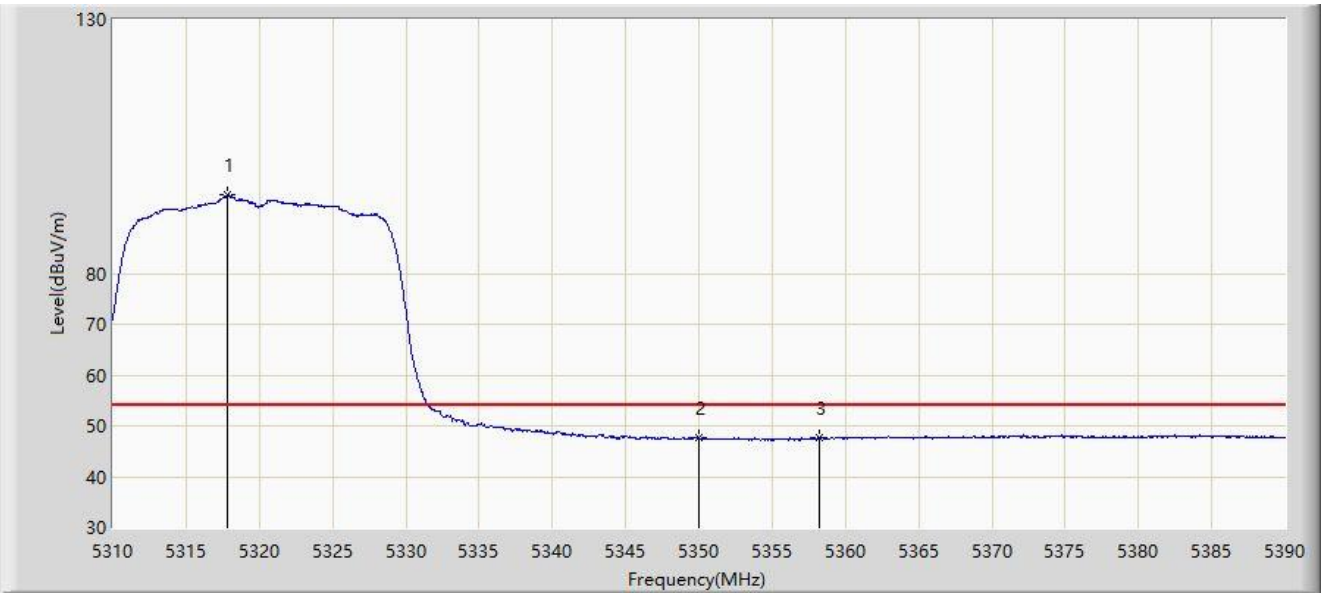


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5320.840	103.394	101.917	N/A	N/A	1.477	PK
2			5350.000	57.518	56.308	-16.482	74.000	1.210	PK
3			5353.600	59.668	58.440	-14.332	74.000	1.227	PK

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).

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5320MHz	

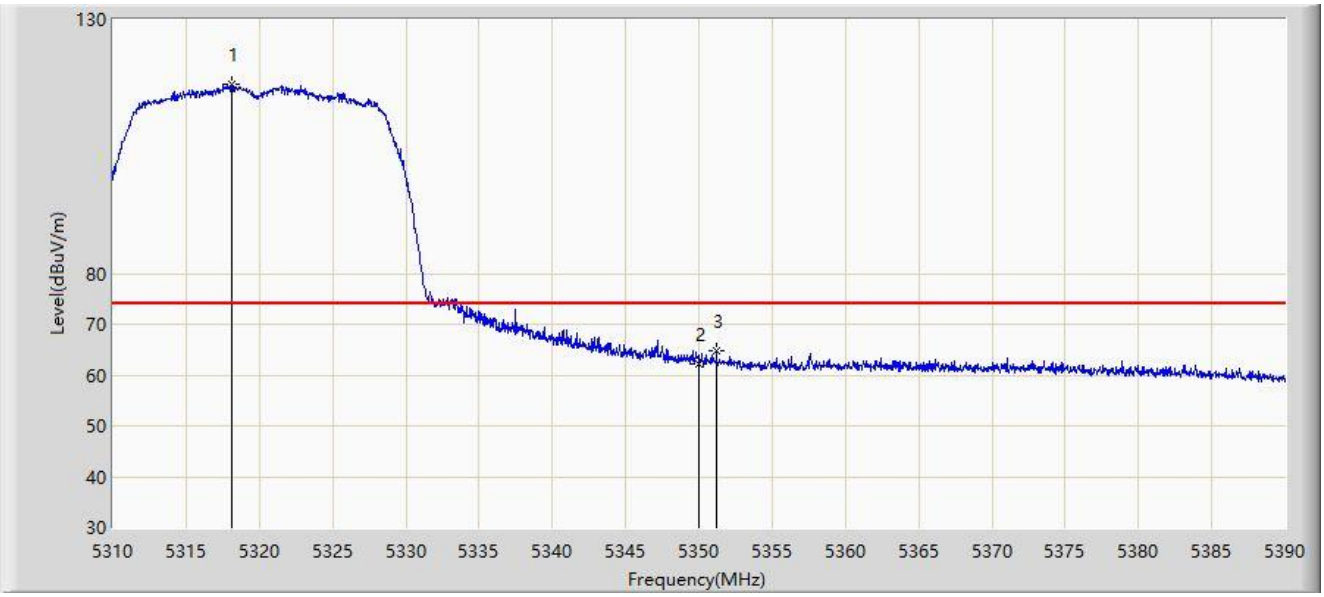


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5317.840	95.392	93.903	N/A	N/A	1.489	AV
2			5350.000	47.574	46.364	-6.426	54.000	1.210	AV
3			5358.240	47.571	46.208	-6.429	54.000	1.363	AV

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).

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5320MHz	

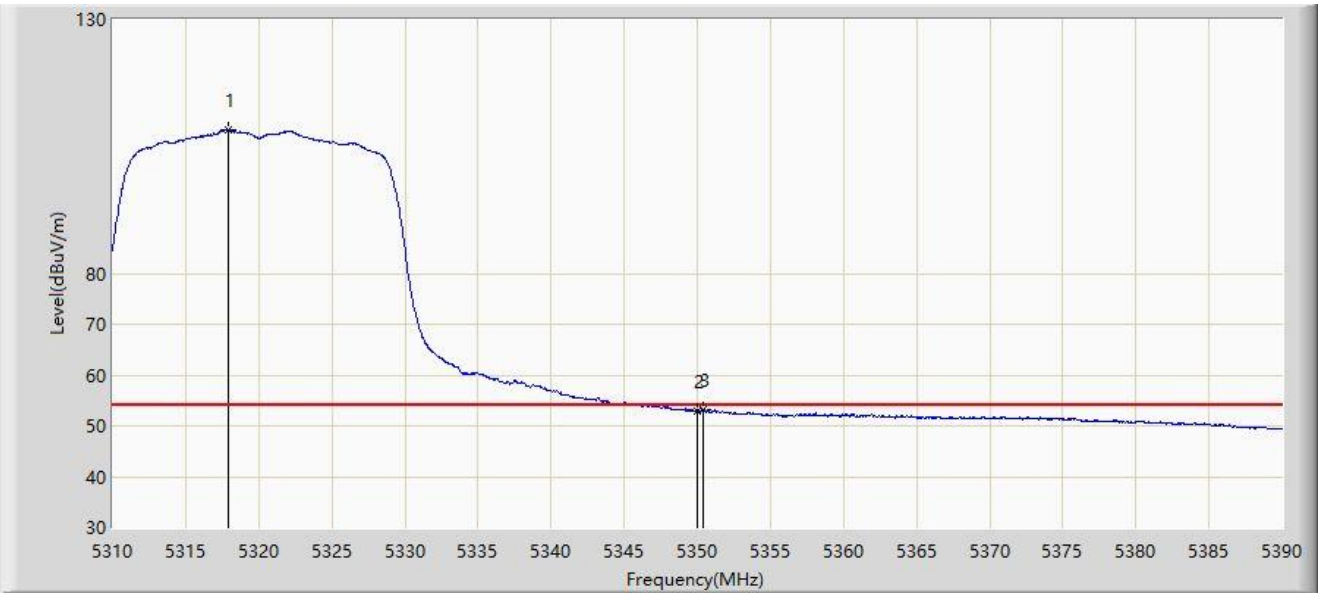


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5318.120	117.287	115.799	N/A	N/A	1.488	PK
2			5350.000	62.201	60.991	-11.799	74.000	1.210	PK
3			5351.200	64.727	63.534	-9.273	74.000	1.194	PK

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).

Site: NS-AC1	Test Date: 2021/08/26
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5320MHz	

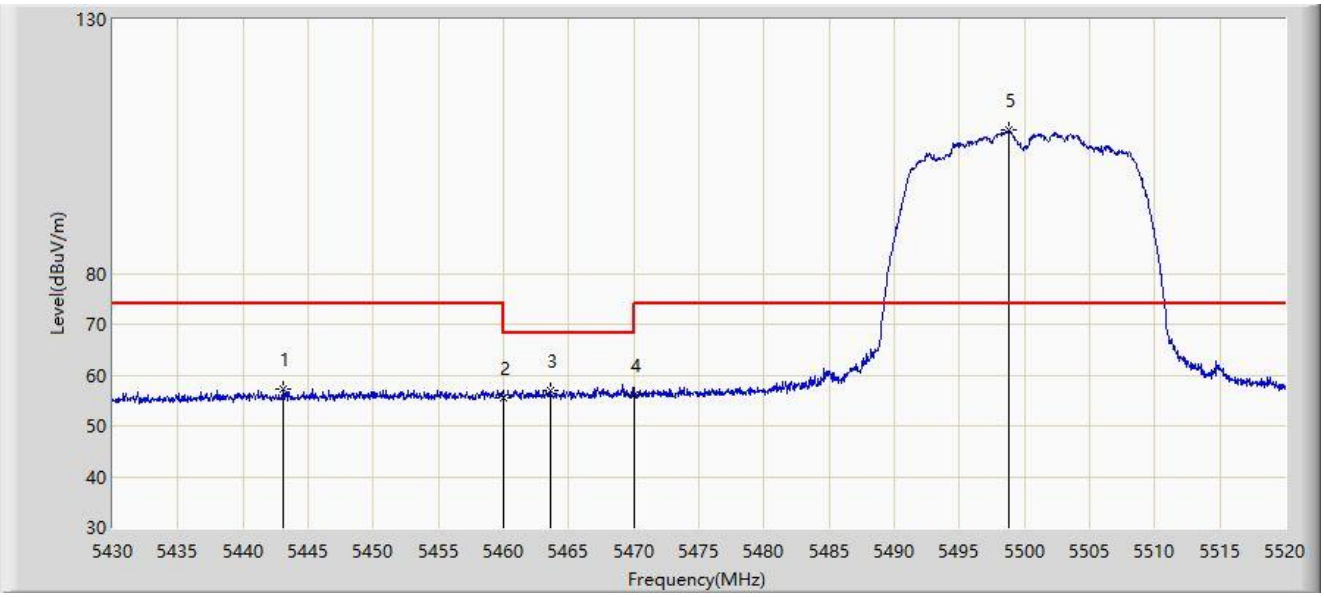


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	X	*	5317.920	108.142	106.654	N/A	N/A	1.488	AV
2			5350.000	52.904	51.694	-1.096	54.000	1.210	AV
3			5350.360	53.233	52.028	-0.767	54.000	1.205	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5500MHz	

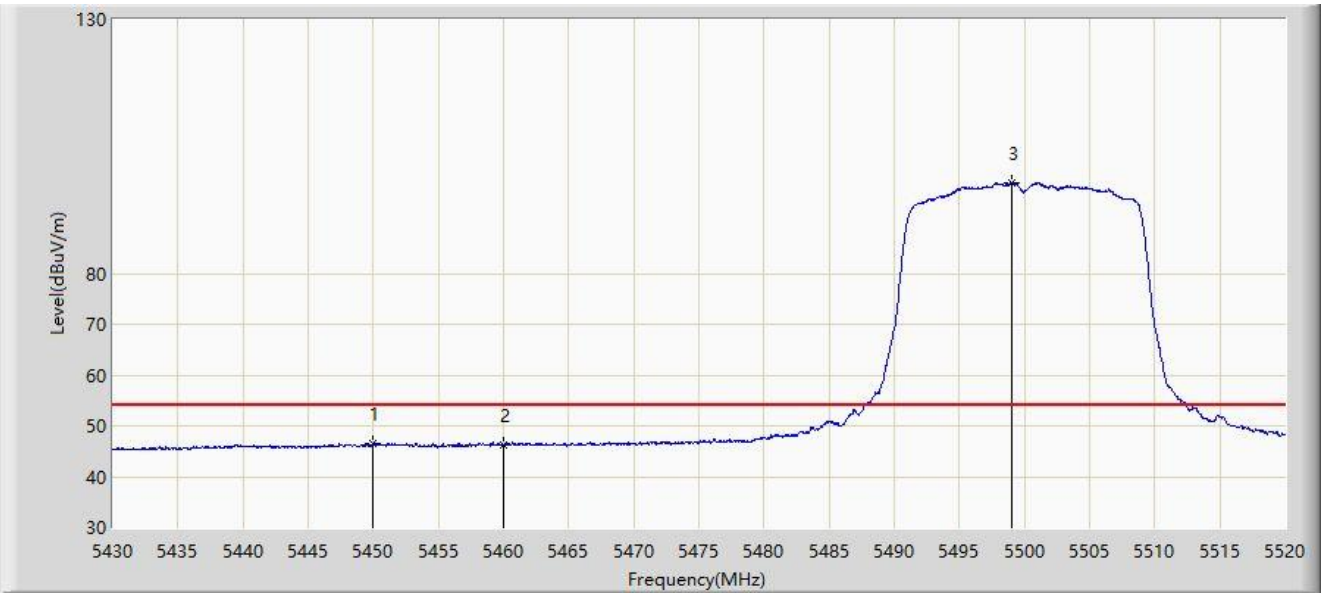


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5443.050	57.307	55.187	-16.693	74.000	2.120	PK
2			5460.000	55.539	53.314	-18.461	74.000	2.225	PK
3			5463.570	56.904	54.691	-11.296	68.200	2.212	PK
4			5470.000	56.099	53.909	-12.101	68.200	2.190	PK
5		*	5498.805	108.122	105.774	N/A	N/A	2.347	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5500MHz	

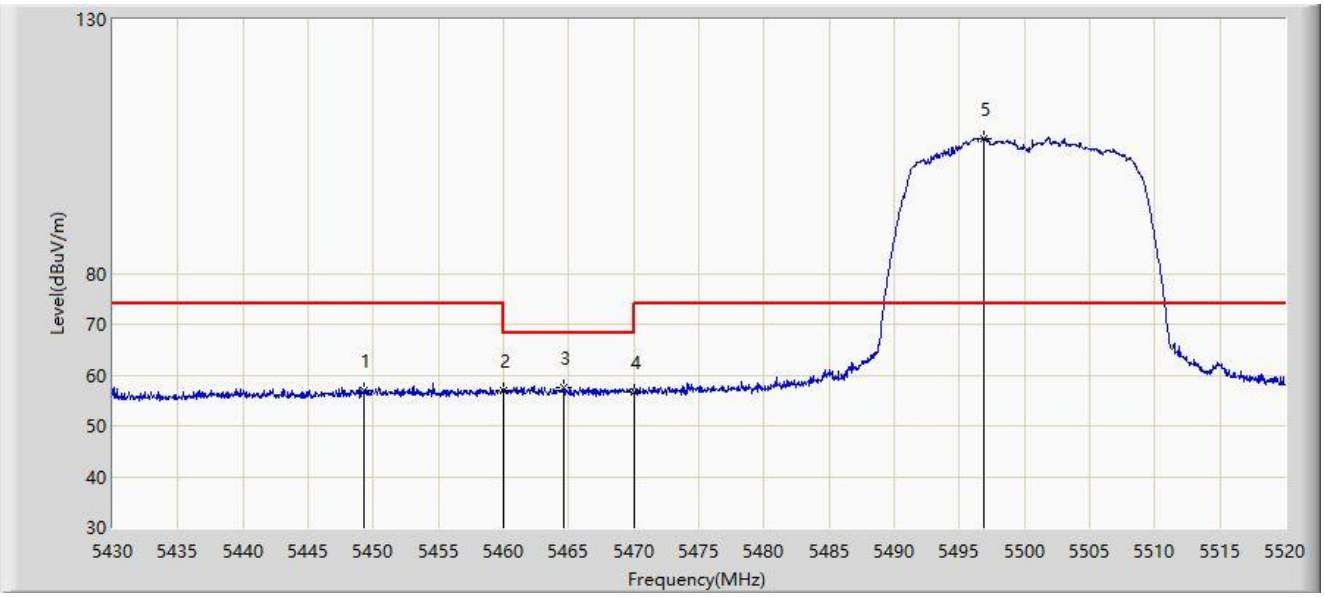


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5449.980	46.640	44.440	-7.360	54.000	2.200	AV
2			5460.000	46.300	44.075	-7.700	54.000	2.225	AV
3		*	5498.985	97.907	95.561	N/A	N/A	2.346	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5500MHz	

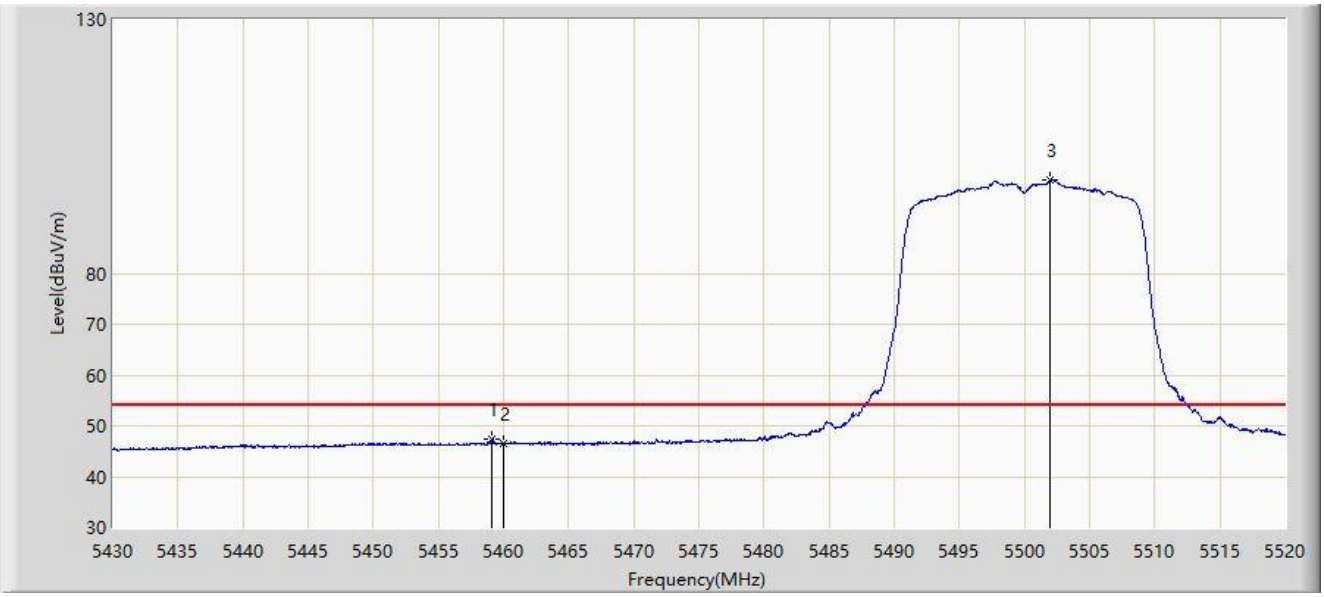


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5449.260	56.963	54.772	-17.037	74.000	2.192	PK
2			5460.000	57.067	54.842	-16.933	74.000	2.225	PK
3			5464.605	57.663	55.454	-10.537	68.200	2.209	PK
4			5470.000	56.690	54.500	-11.510	68.200	2.190	PK
5		*	5496.915	106.566	104.197	N/A	N/A	2.368	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5500MHz	

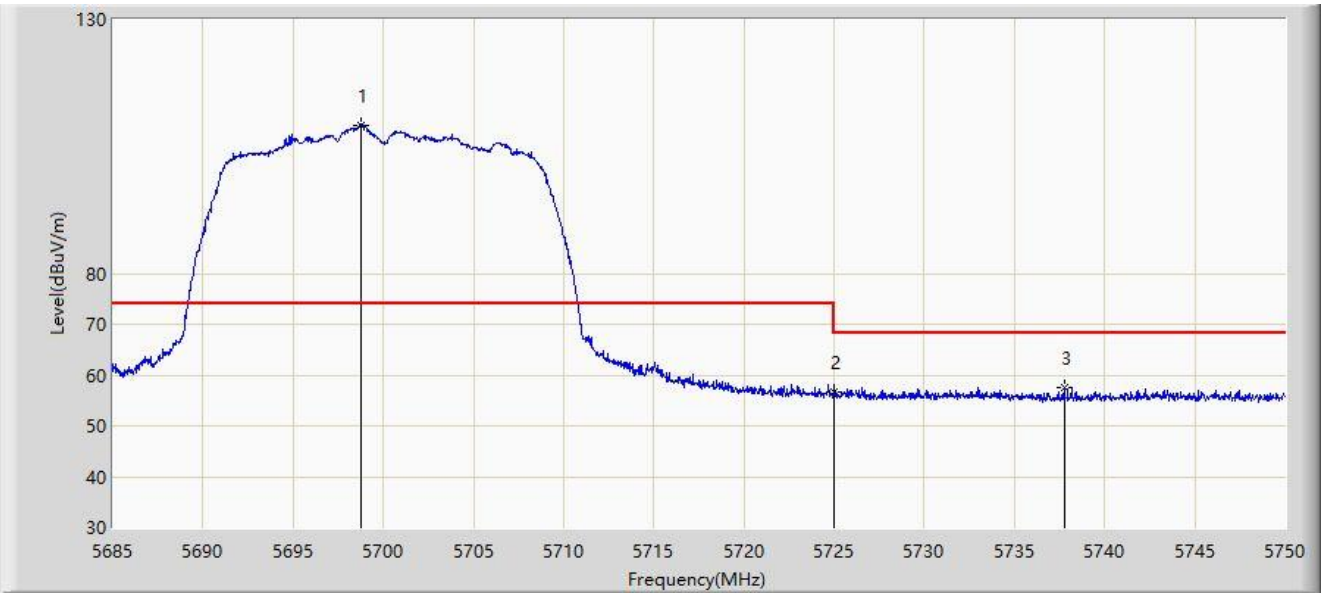


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5459.115	47.333	45.105	-6.667	54.000	2.228	AV
2			5460.000	46.474	44.249	-7.526	54.000	2.225	AV
3		*	5502.000	98.318	96.006	N/A	N/A	2.312	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5700MHz	

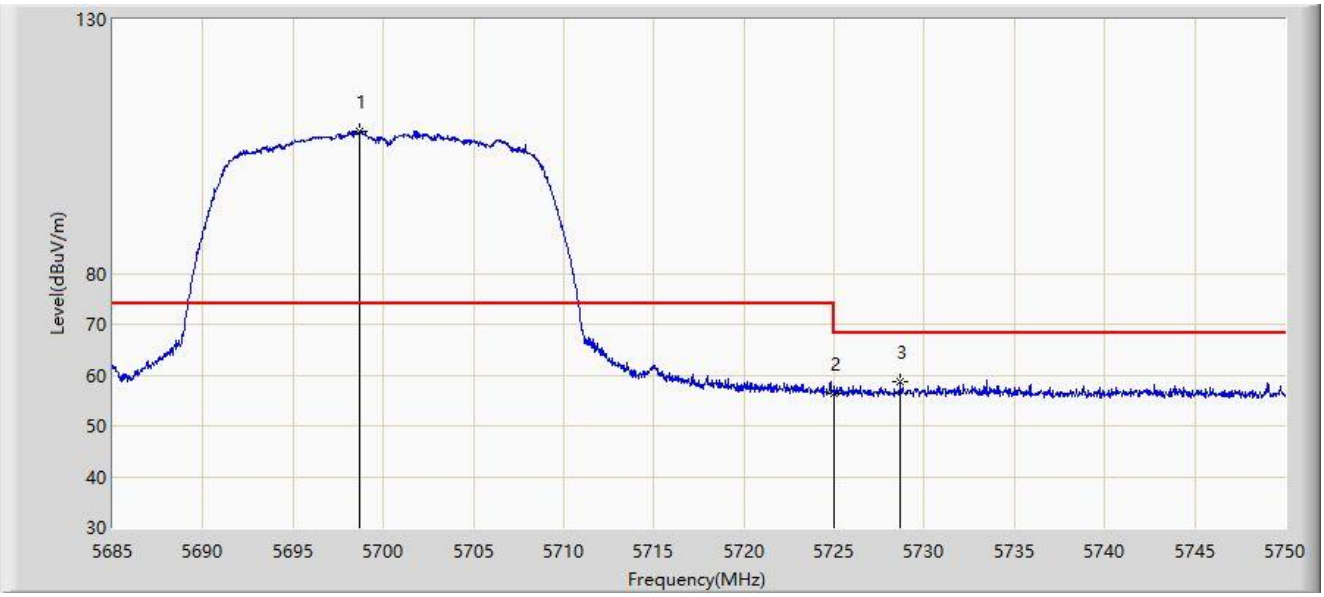


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5698.748	109.250	106.350	N/A	N/A	2.900	PK
2			5725.000	56.782	53.869	-11.418	68.200	2.913	PK
3			5737.748	57.548	54.797	-10.652	68.200	2.752	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT20 at channel 5700MHz	

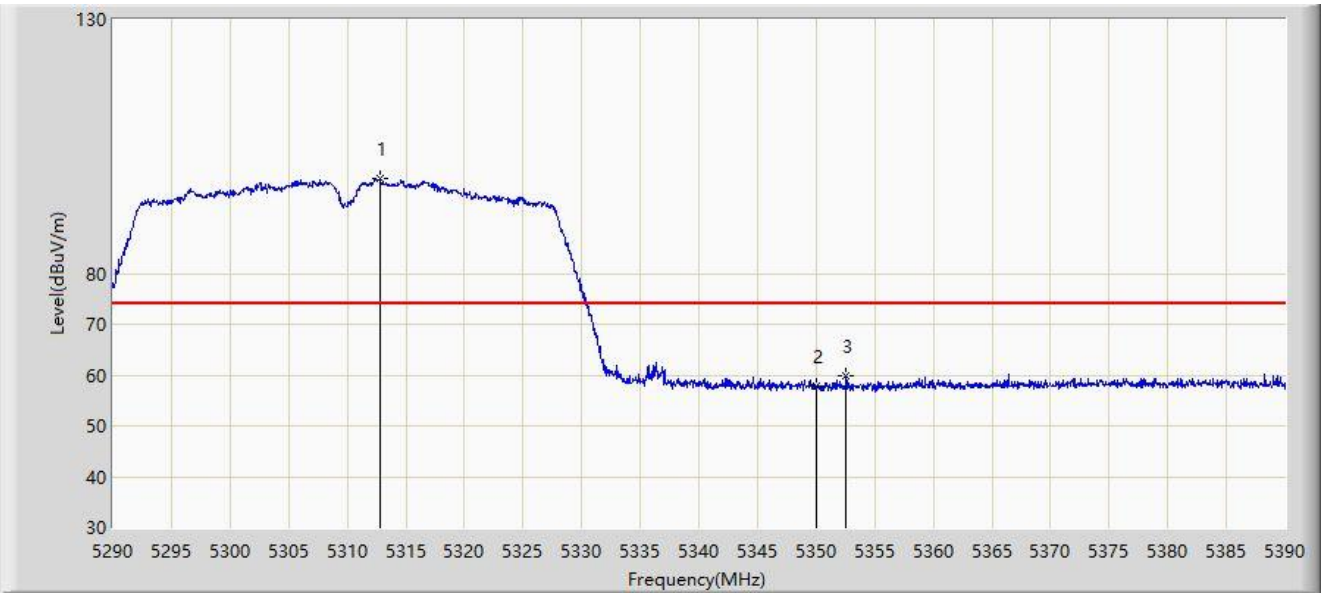


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5698.715	107.965	105.066	N/A	N/A	2.899	PK
2			5725.000	56.385	53.472	-11.815	68.200	2.913	PK
3			5728.680	58.793	55.924	-9.407	68.200	2.869	PK

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT40 at channel 5310MHz	

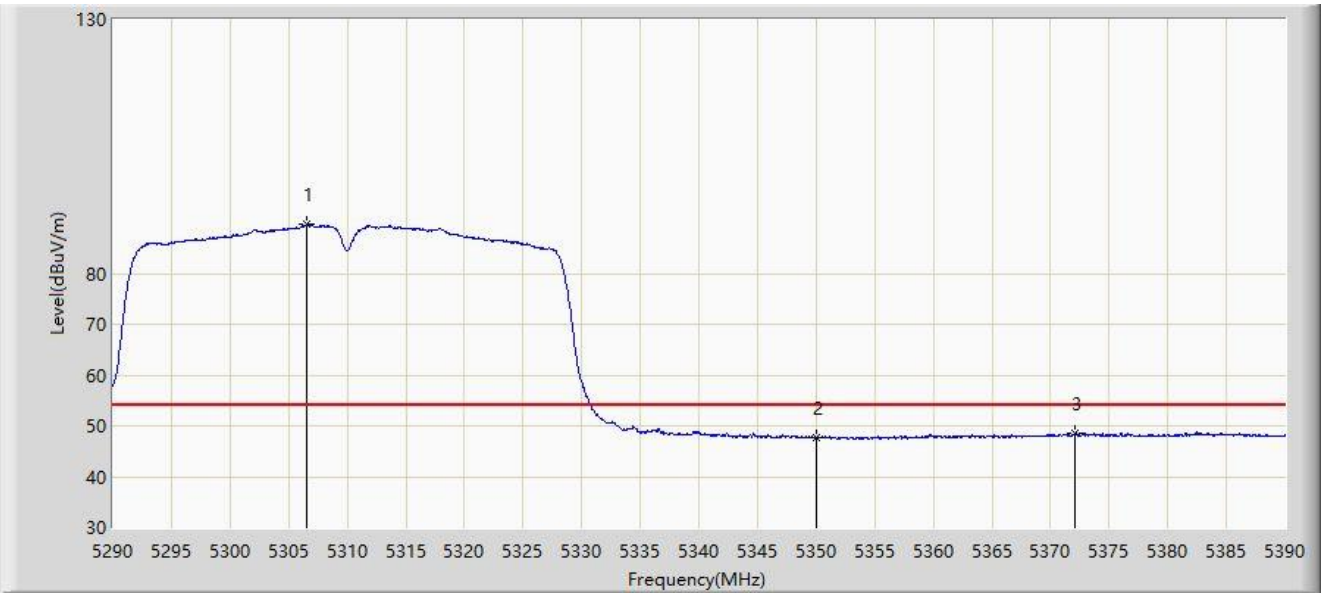


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5312.750	98.601	97.103	N/A	N/A	1.499	PK
2			5350.000	57.866	56.656	-16.134	74.000	1.210	PK
3			5352.550	59.714	58.516	-14.286	74.000	1.198	PK

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT40 at channel 5310MHz	

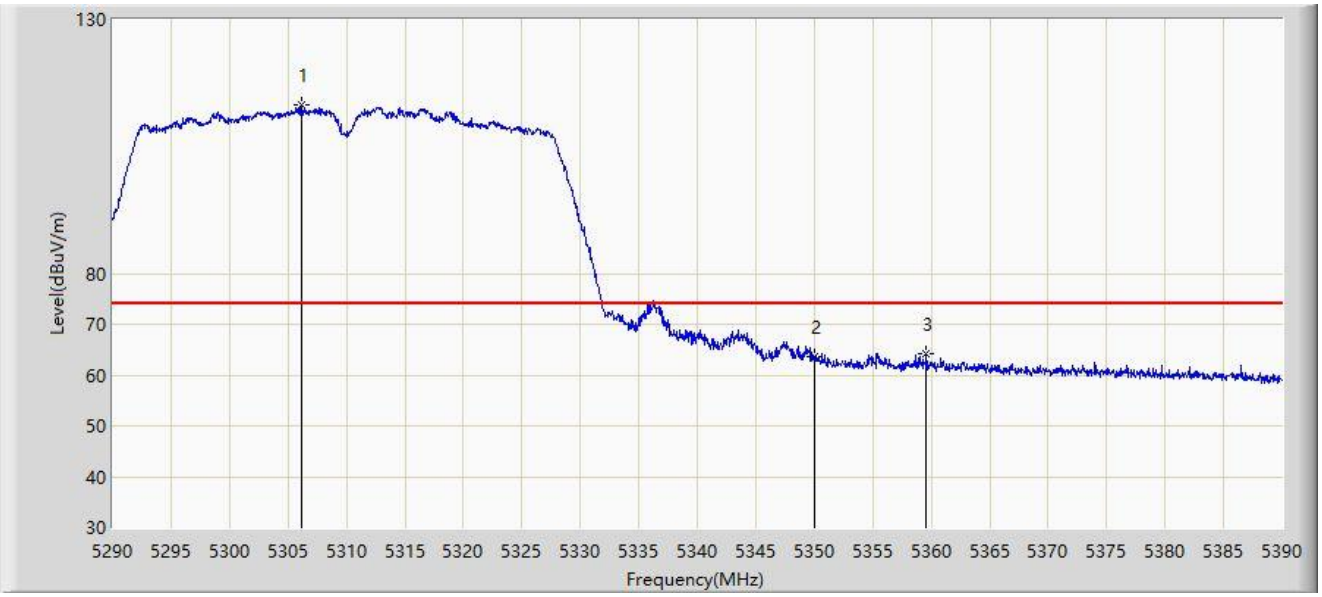


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5306.600	89.801	88.292	N/A	N/A	1.510	AV
2			5350.000	47.687	46.477	-6.313	54.000	1.210	AV
3			5372.100	48.615	46.904	-5.385	54.000	1.710	AV

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT40 at channel 5310MHz	

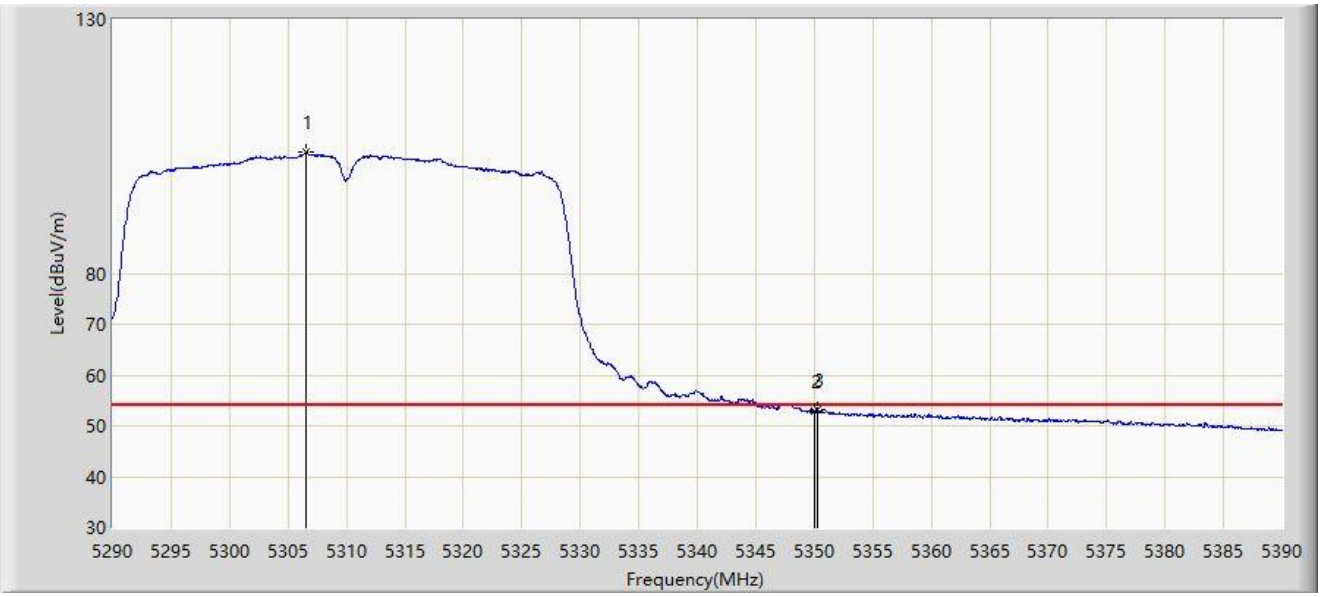


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5306.150	113.081	111.571	N/A	N/A	1.509	PK
2			5350.000	63.503	62.293	-10.497	74.000	1.210	PK
3			5359.600	64.339	62.936	-9.661	74.000	1.403	PK

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT40 at channel 5310MHz	

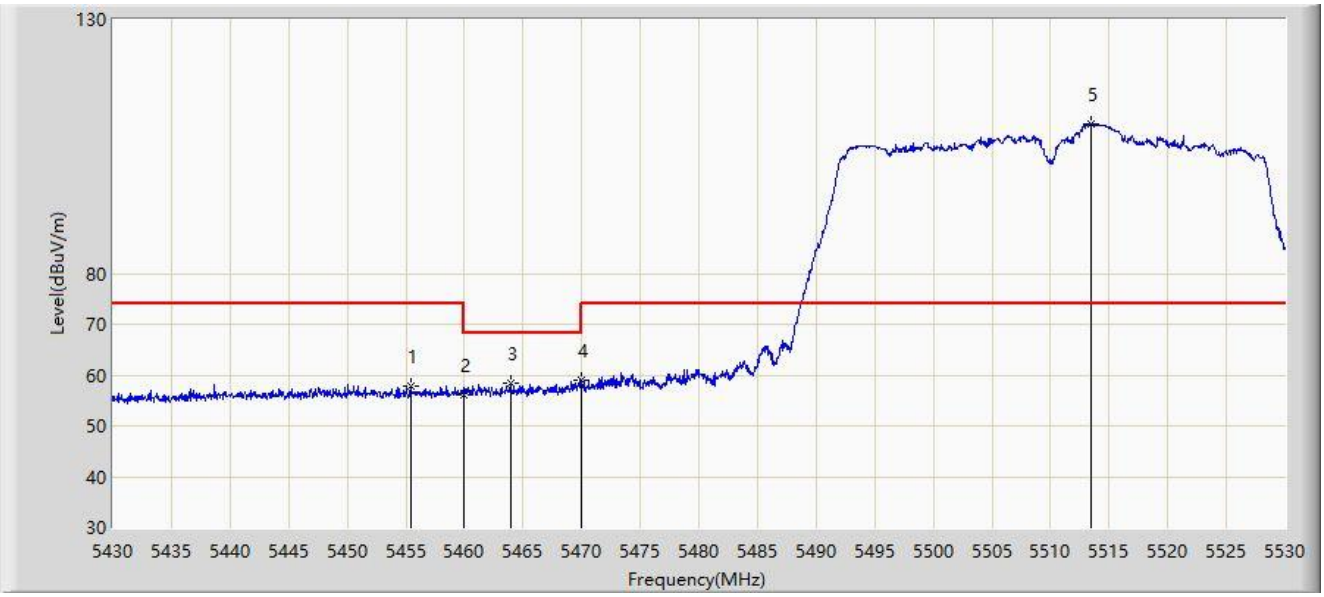


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5306.600	103.943	102.434	N/A	N/A	1.510	AV
2			5350.000	52.861	51.651	-1.139	54.000	1.210	AV
3			5350.300	53.114	51.908	-0.886	54.000	1.205	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT40 at channel 5510MHz	

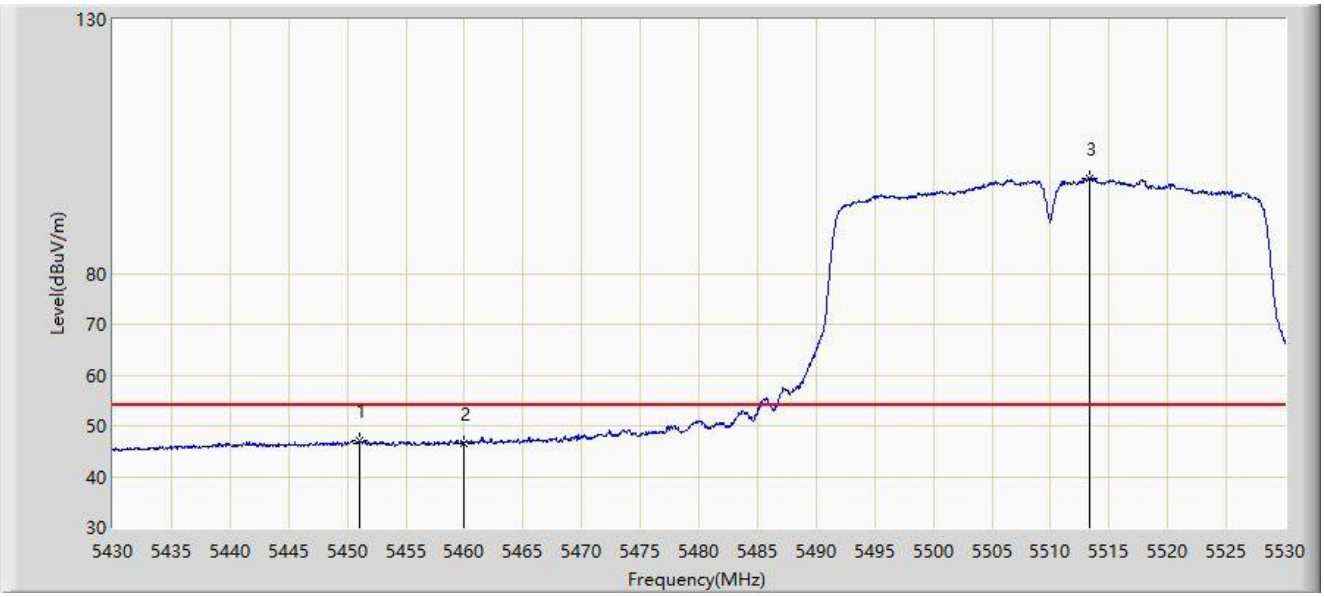


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5455.400	57.940	55.699	-16.060	74.000	2.242	PK
2			5460.000	56.043	53.818	-17.957	74.000	2.225	PK
3			5463.900	58.303	56.092	-9.897	68.200	2.212	PK
4			5470.000	58.988	56.798	-9.212	68.200	2.190	PK
5		*	5513.450	109.352	107.076	N/A	N/A	2.277	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT40 at channel 5510MHz	

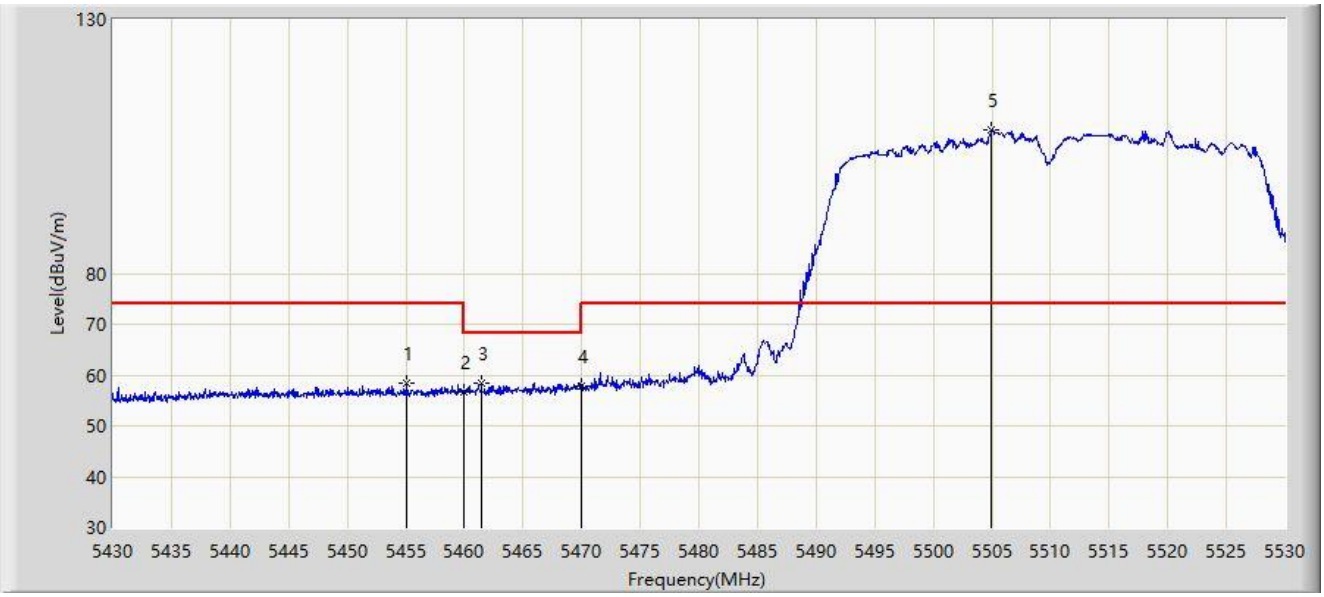


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5451.100	47.058	44.845	-6.942	54.000	2.212	AV
2			5460.000	46.555	44.330	-7.445	54.000	2.225	AV
3		*	5513.300	98.801	96.525	N/A	N/A	2.277	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT40 at channel 5510MHz	

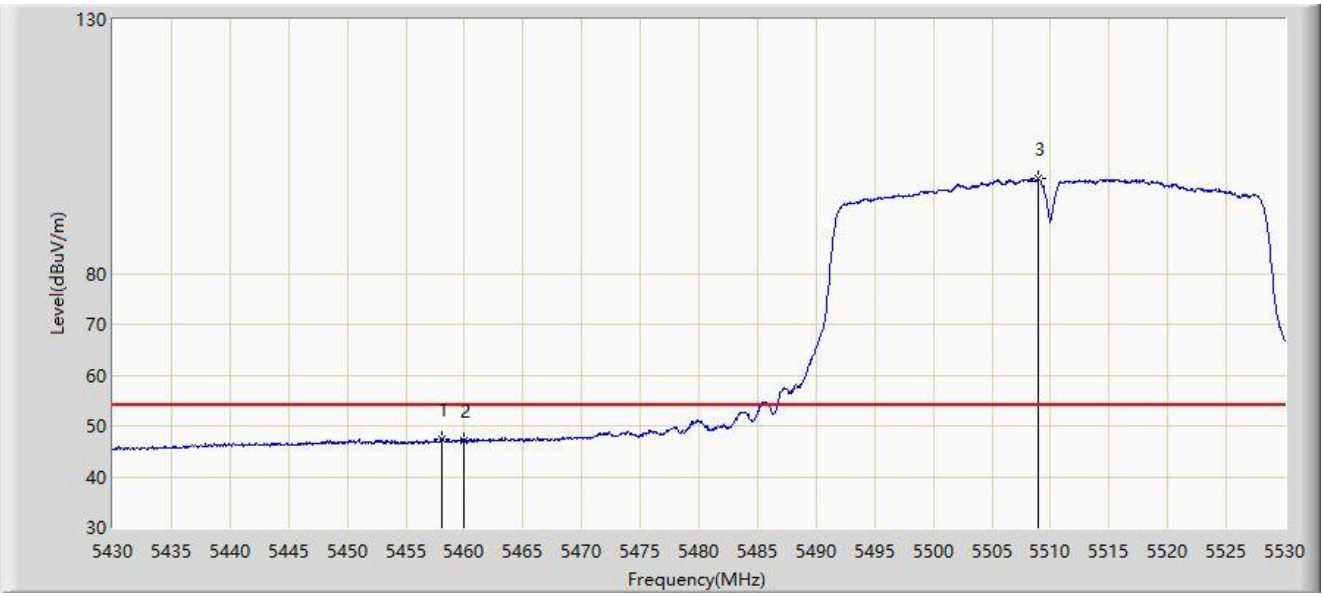


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5455.100	58.397	56.155	-15.603	74.000	2.242	PK
2			5460.000	56.704	54.479	-17.296	74.000	2.225	PK
3			5461.450	58.295	56.075	-9.905	68.200	2.220	PK
4			5470.000	57.789	55.599	-10.411	68.200	2.190	PK
5		*	5504.950	108.167	105.888	N/A	N/A	2.279	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT40 at channel 5510MHz	

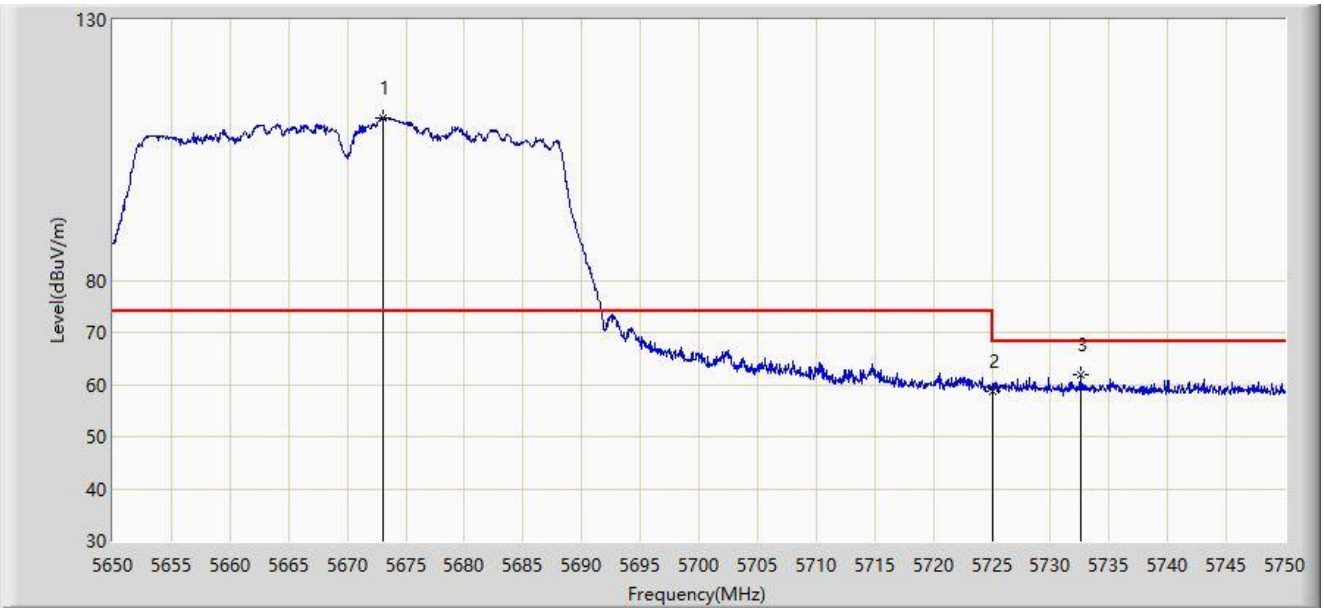


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5458.100	47.413	45.181	-6.587	54.000	2.232	AV
2			5460.000	47.145	44.920	-6.855	54.000	2.225	AV
3		*	5508.950	98.563	96.286	N/A	N/A	2.277	AV

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).

Site: NS-AC1	Test Date: 2021/11/19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT40 at channel 5670MHz	

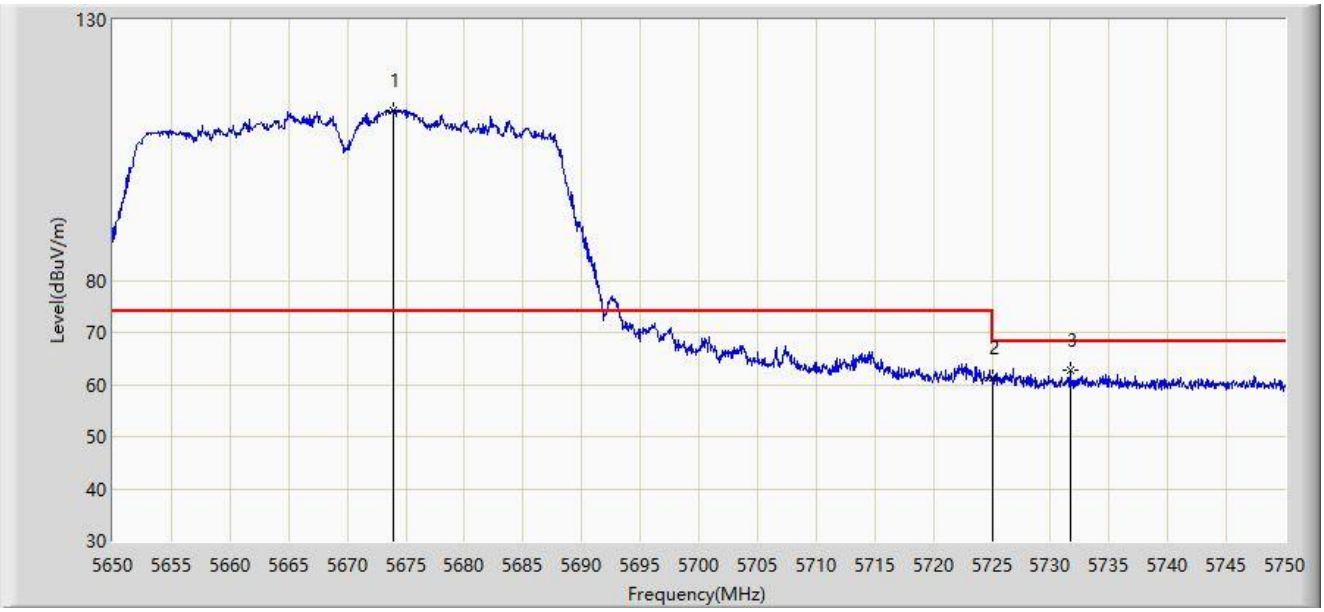


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5673.100	111.258	108.511	37.258	74.000	2.746	PK
2			5725.000	58.790	55.877	-9.410	68.200	2.913	PK
3			5732.550	61.762	58.943	-6.438	68.200	2.819	PK

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).

Site: NS-AC1	Test Date: 2021/11/19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT40 at channel 5670MHz	

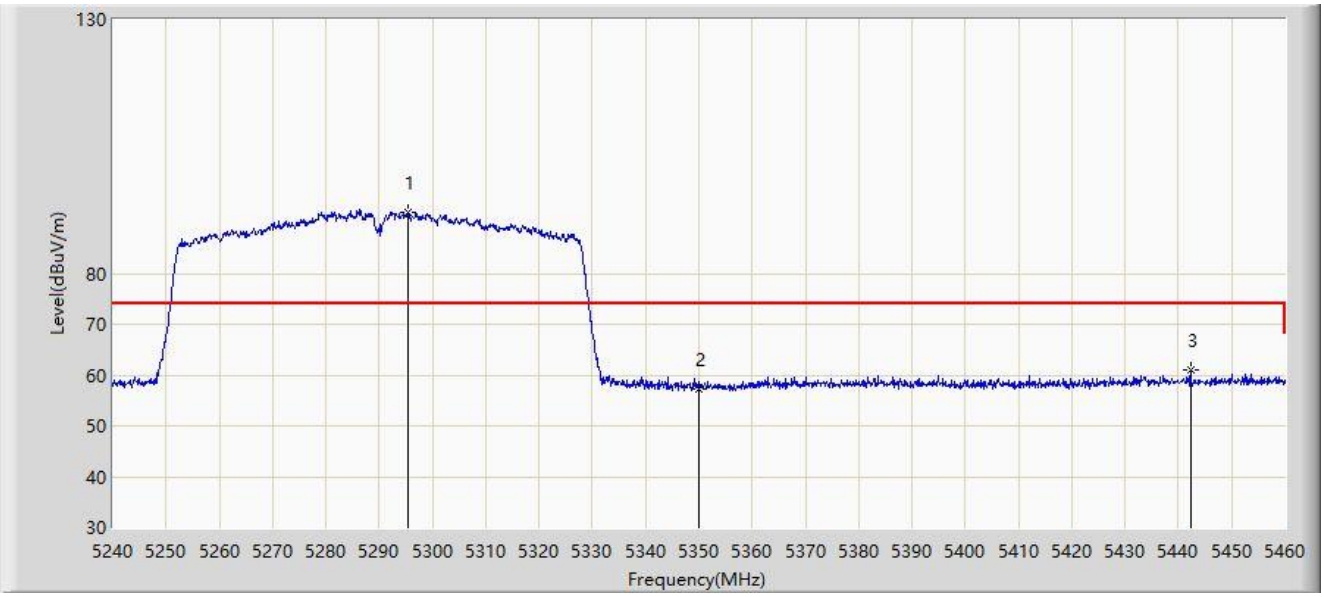


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5673.900	112.510	109.757	38.510	74.000	2.753	PK
2			5725.000	61.163	58.250	-7.037	68.200	2.913	PK
3			5731.650	62.814	59.984	-5.386	68.200	2.830	PK

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5290MHz	

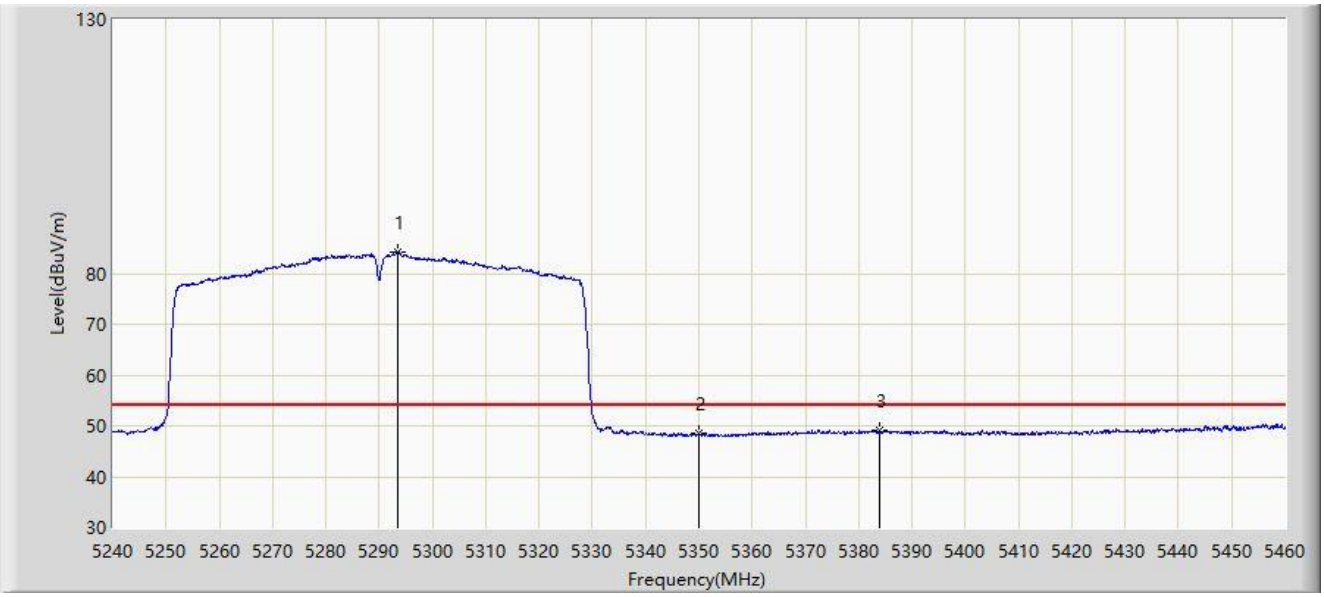


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5295.550	92.043	90.606	N/A	N/A	1.438	PK
2			5350.000	57.306	56.096	-16.694	74.000	1.210	PK
3			5442.290	60.927	58.816	-13.073	74.000	2.112	PK

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5290MHz	

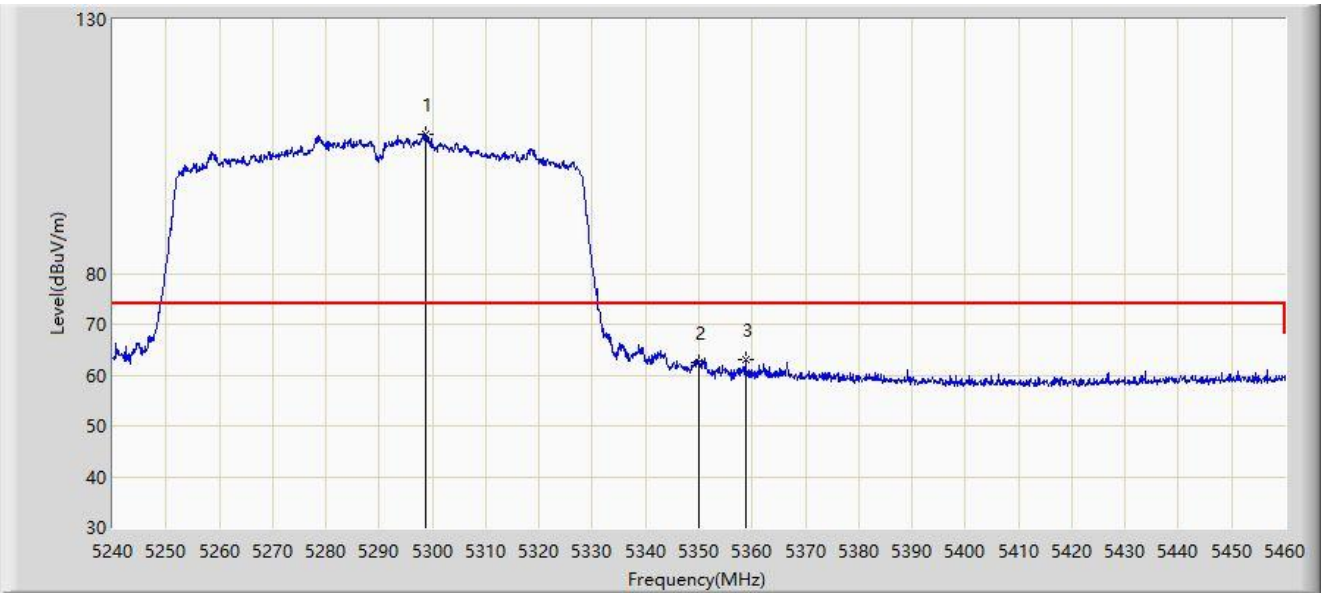


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		*	5293.570	84.259	82.851	N/A	N/A	1.407	AV
2			5350.000	48.498	47.288	-5.502	54.000	1.210	AV
3			5383.990	49.126	47.280	-4.874	54.000	1.846	AV

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5290MHz	

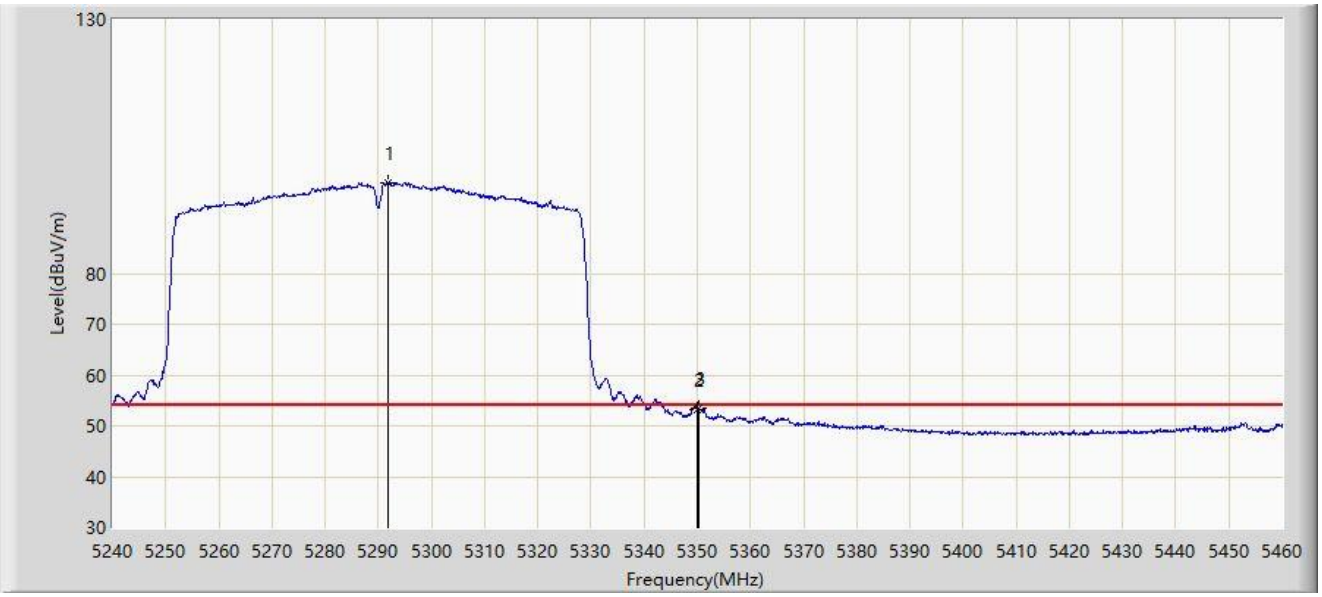


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5298.740	107.504	106.019	N/A	N/A	1.485	PK
2			5350.000	62.525	61.315	-11.475	74.000	1.210	PK
3			5358.690	63.102	61.726	-10.898	74.000	1.377	PK

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).

Site: NS-AC1	Test Date: 2021/08/28
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5290MHz	

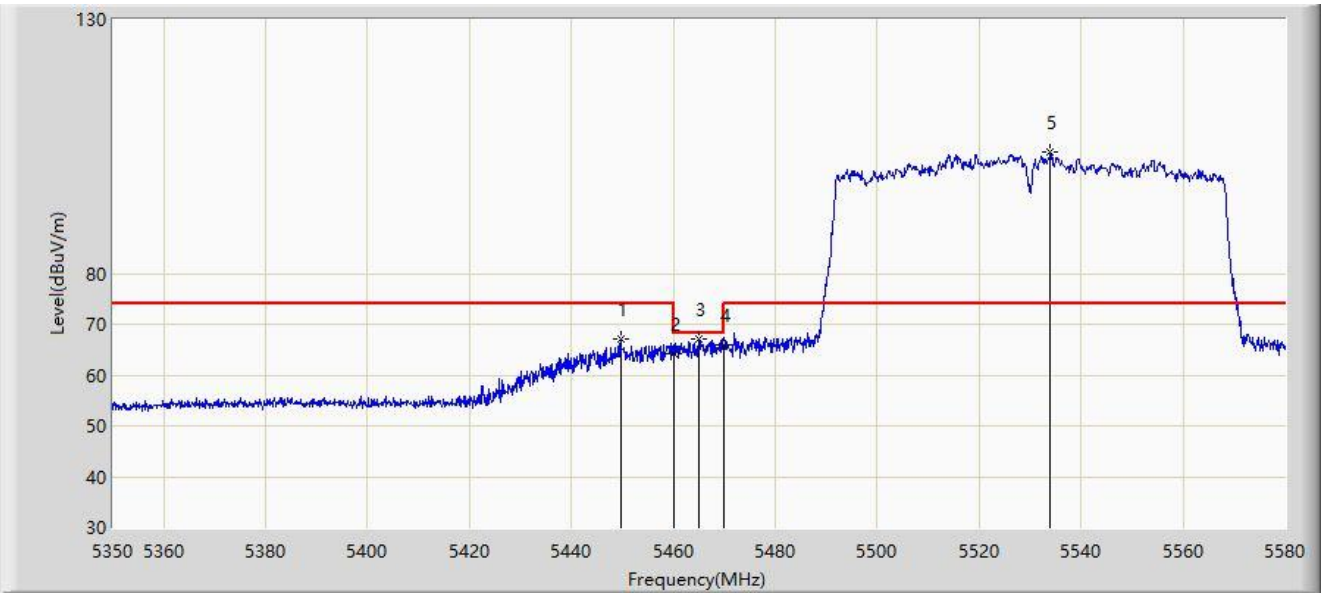


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5291.700	97.955	96.575	N/A	N/A	1.379	AV
2			5350.000	53.330	52.120	-0.670	54.000	1.210	AV
3			5350.220	53.433	52.226	-0.567	54.000	1.207	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5530MHz	

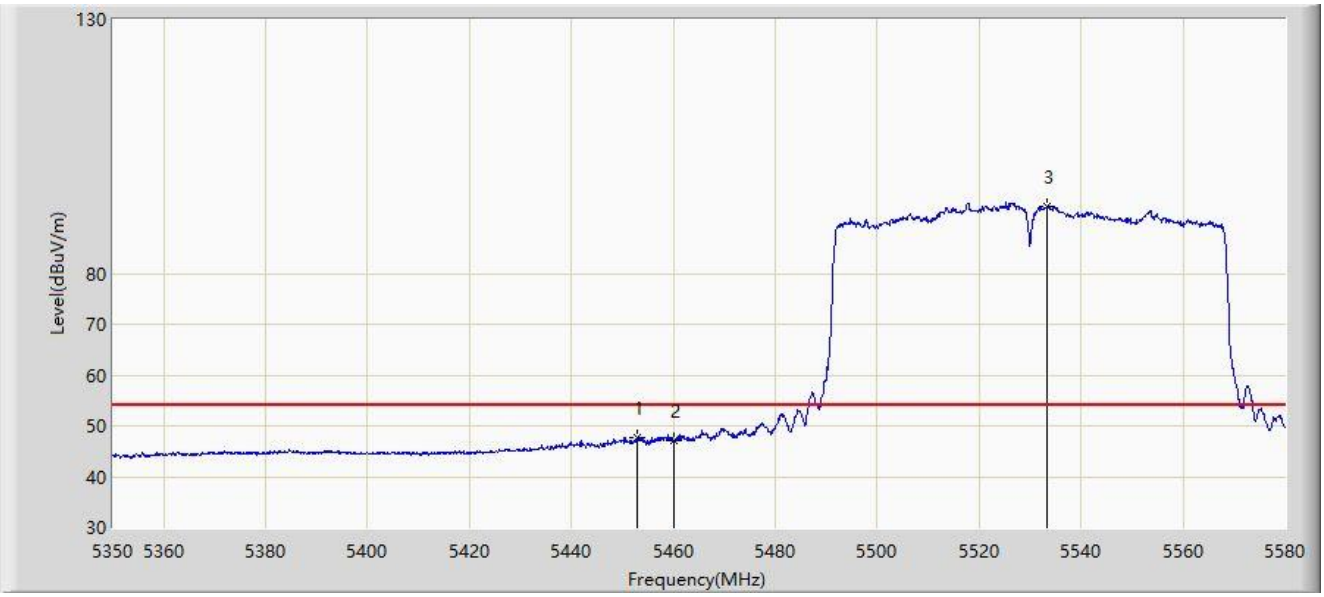


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5449.590	67.007	64.812	-6.993	74.000	2.196	PK
2			5460.000	64.182	61.957	-9.818	74.000	2.225	PK
3			5464.885	66.994	64.786	-1.206	68.200	2.208	PK
4			5470.000	65.811	63.621	-2.389	68.200	2.190	PK
5		*	5534.000	103.778	101.527	N/A	N/A	2.251	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5530MHz	

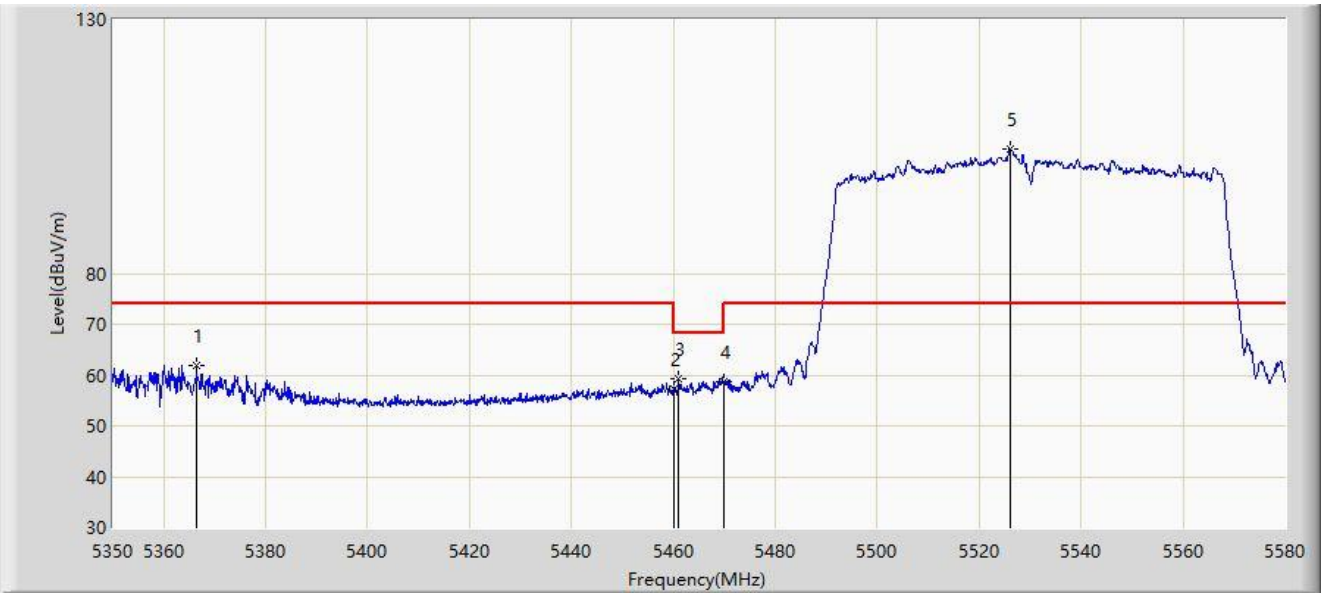


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5452.925	47.791	45.557	-6.209	54.000	2.234	AV
2			5460.000	46.975	44.750	-7.025	54.000	2.225	AV
3		*	5533.425	93.209	90.957	N/A	N/A	2.253	AV

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5530MHz	

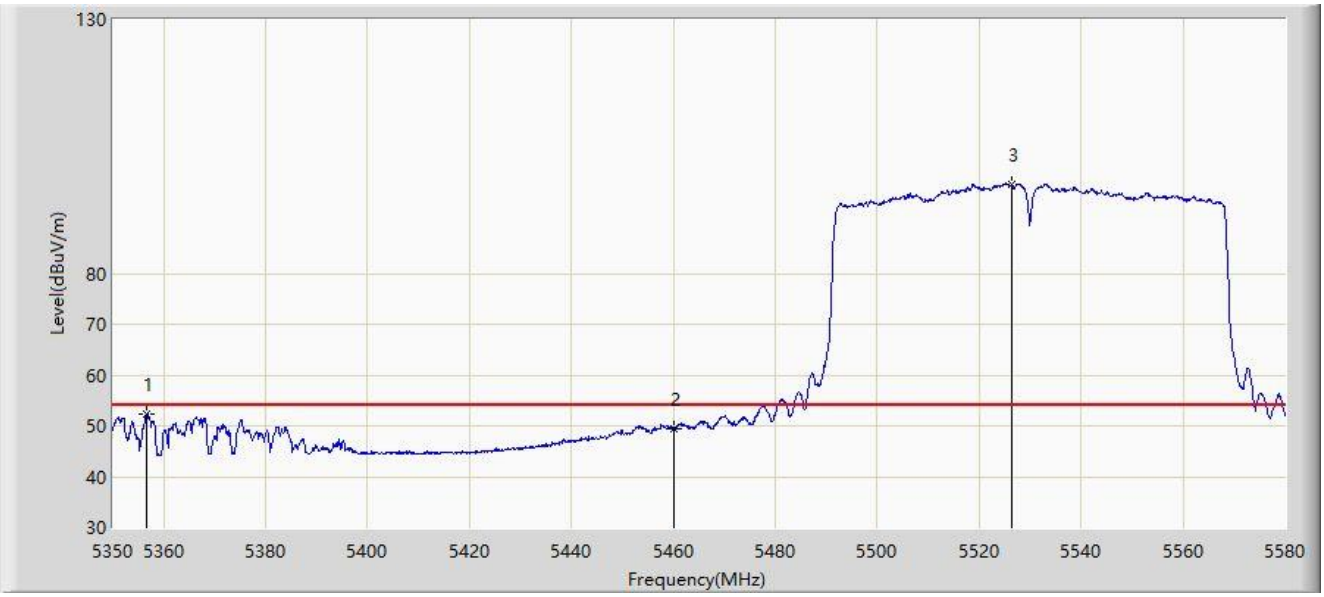


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5366.445	61.768	60.166	-12.232	74.000	1.601	PK
2			5460.000	57.161	54.936	-16.839	74.000	2.225	PK
3			5460.975	59.307	57.085	-8.893	68.200	2.221	PK
4			5470.000	58.664	56.474	-9.536	68.200	2.190	PK
5		*	5526.180	104.471	102.205	N/A	N/A	2.266	PK

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).

Site: NS-AC1	Test Date: 2021/09/24
Limit: FCC_Part 15_15.209_RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11ac-VHT80 at channel 5530MHz	



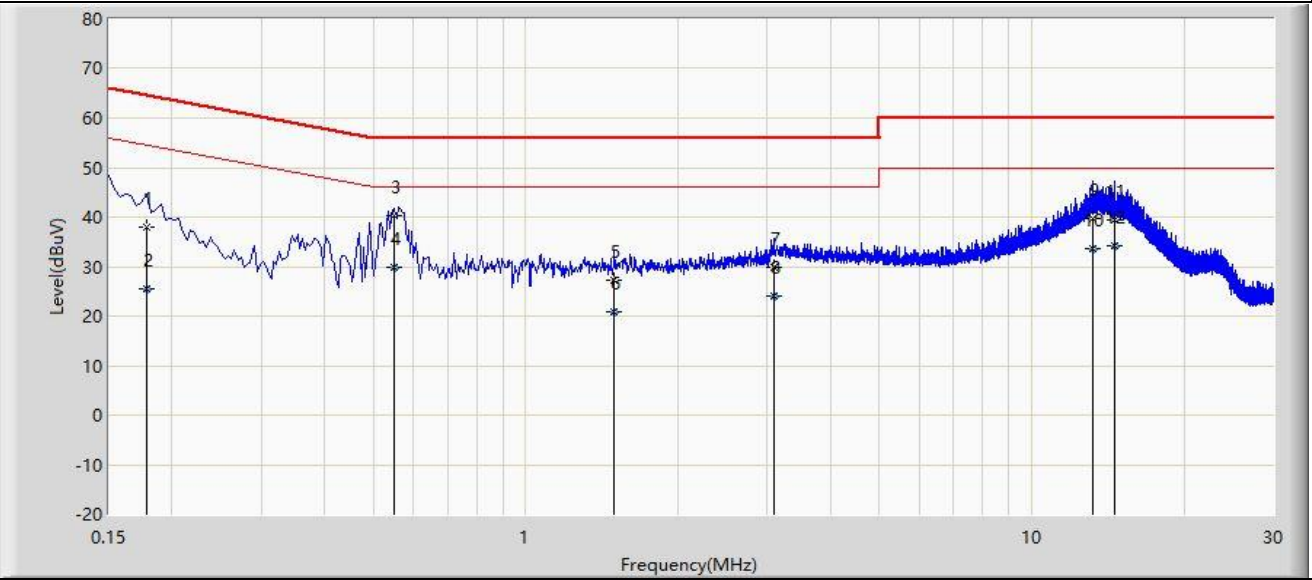
No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1			5356.670	52.411	51.093	-1.589	54.000	1.317	AV
2			5460.000	49.454	47.229	-4.546	54.000	2.225	AV
3		*	5526.525	97.582	95.316	N/A	N/A	2.266	AV

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).

A.8 AC Conducted Emissions Test Result

Site: NS-SR2	Test Date: 2021/08/30
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_Filter Off_0.15~30MHz	Polarity: Line
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at Channel 5270MHz	

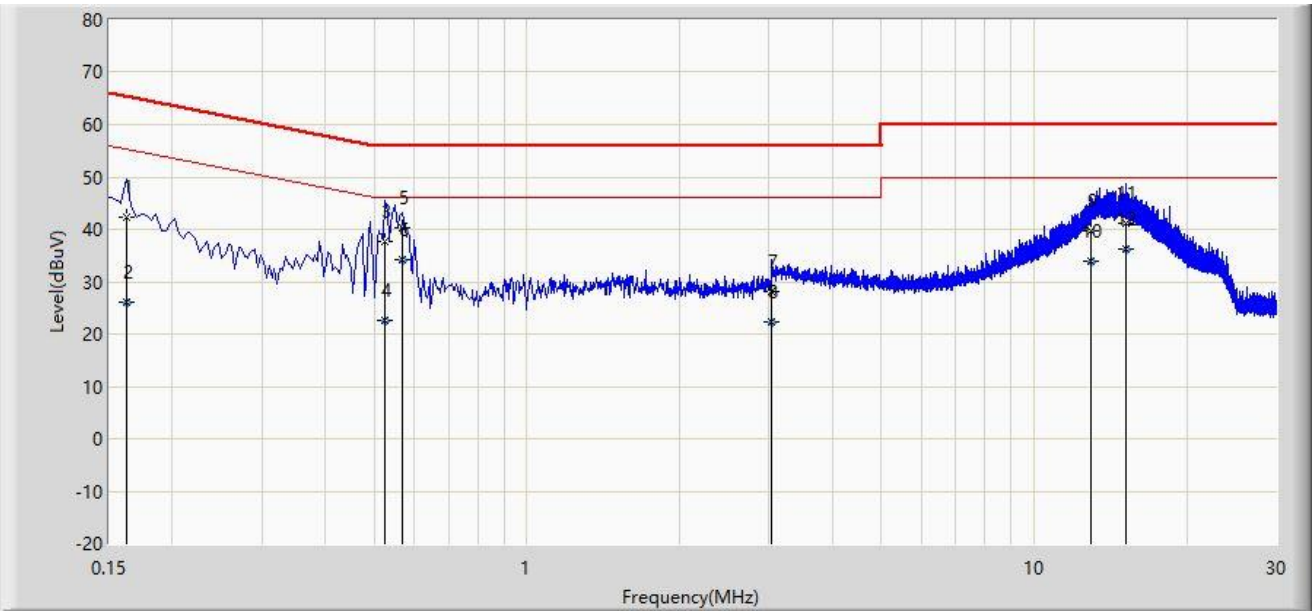


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1			0.178	37.966	28.424	-26.613	64.578	9.542	QP
2			0.178	25.412	15.869	-29.167	54.578	9.542	AV
3		*	0.549	40.224	30.660	-15.776	56.000	9.564	QP
4			0.549	29.918	20.354	-16.082	46.000	9.564	AV
5			1.494	27.371	17.759	-28.629	56.000	9.612	QP
6			1.494	20.778	11.166	-25.222	46.000	9.612	AV
7			3.094	29.823	20.160	-26.177	56.000	9.663	QP
8			3.094	23.937	14.274	-22.063	46.000	9.663	AV
9			13.182	39.804	29.972	-20.196	60.000	9.832	QP
10			13.182	33.631	23.798	-16.369	50.000	9.832	AV
11			14.538	39.525	29.678	-20.475	60.000	9.847	QP
12			14.538	34.156	24.309	-15.844	50.000	9.847	AV

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

Factor (dB/m) = Cable Loss (dB) + LISN Factor (dB).

Site: NS-SR2	Test Date: 2021/08/30
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_Filter Off_0.15~30MHz	Polarity: Neutral
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at Channel 5270MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1			0.162	42.254	32.716	-23.107	65.361	9.538	QP
2			0.162	26.204	16.666	-29.157	55.361	9.538	AV
3			0.526	37.732	28.161	-18.268	56.000	9.571	QP
4			0.526	22.623	13.052	-23.377	46.000	9.571	AV
5			0.568	40.267	30.698	-15.733	56.000	9.569	QP
6		*	0.568	34.288	24.719	-11.712	46.000	9.569	AV
7			3.042	28.007	18.349	-27.993	56.000	9.659	QP
8			3.042	22.198	12.539	-23.802	46.000	9.659	AV
9			12.922	39.622	29.755	-20.378	60.000	9.866	QP
10			12.922	33.774	23.908	-16.226	50.000	9.866	AV
11			15.178	41.111	31.202	-18.889	60.000	9.909	QP
12			15.178	36.126	26.217	-13.874	50.000	9.909	AV

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

Factor (dB/m) = Cable Loss (dB) + LISN Factor (dB).

Appendix B - Test Setup Photograph

Refer to “2108RSU047-CT” file.

The End