



7.7.5. Test Result

Test Mode:	802.11a - Ant 0	Test Site:	AC1				
Test Channel:	36	Test Engineer:	Bruce Wang				
Remark:	Average measurement was no	Average measurement was not performed if peak level lower than average					
	limit.	limit.					
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6482.5	36.6	5.9	42.5	68.2	-25.7	Peak	Horizontal
*	7808.5	36.4	8.4	44.8	68.2	-23.4	Peak	Horizontal
	11115.0	36.8	12.7	49.5	74.0	-24.5	Peak	Horizontal
	15543.5	43.2	12.2	55.4	74.0	-18.6	Peak	Horizontal
	15537.6	28.7	12.2	40.9	54.0	-13.1	Average	Horizontal
*	6559.0	36.4	6.0	42.4	68.2	-25.8	Peak	Vertical
*	7927.5	36.7	8.5	45.2	68.2	-23.0	Peak	Vertical
	10860.0	35.3	12.8	48.1	74.0	-25.9	Peak	Vertical
	12449.5	37.0	11.5	48.5	74.0	-25.5	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)

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

FCC ID: 2AJPQM2 Page Number: 96 of 330



Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	44	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6720.5	36.7	5.8	42.5	68.2	-25.7	Peak	Horizontal
*	7987.0	36.2	8.7	44.9	68.2	-23.3	Peak	Horizontal
	11514.5	37.3	12.8	50.1	74.0	-23.9	Peak	Horizontal
	12645.0	36.0	11.4	47.4	74.0	-26.6	Peak	Horizontal
*	6669.5	37.1	5.9	43.0	68.2	-25.2	Peak	Vertical
*	7970.0	36.3	8.6	44.9	68.2	-23.3	Peak	Vertical
	11412.5	36.0	12.6	48.6	74.0	-25.4	Peak	Vertical
	12288.0	34.8	11.7	46.5	74.0	-27.5	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 97 of 330



Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	48	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6321.0	37.0	5.0	42.0	68.2	-26.2	Peak	Horizontal
*	7978.5	36.9	8.7	45.6	68.2	-22.6	Peak	Horizontal
	10868.5	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
	12067.0	36.4	12.0	48.4	74.0	-25.6	Peak	Horizontal
*	6355.0	36.9	5.2	42.1	68.2	-26.1	Peak	Vertical
*	8080.5	36.9	8.6	45.5	68.2	-22.7	Peak	Vertical
	10647.5	34.9	12.3	47.2	74.0	-26.8	Peak	Vertical
	12143.5	37.2	11.8	49.0	74.0	-25.0	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 98 of 330



Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	149	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel in the report. 		•

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6397.5	36.2	5.4	41.6	68.2	-26.6	Peak	Horizontal
*	7919.0	35.7	8.4	44.1	68.2	-24.1	Peak	Horizontal
	10851.5	35.4	12.8	48.2	74.0	-25.8	Peak	Horizontal
	12237.0	36.3	11.8	48.1	74.0	-25.9	Peak	Horizontal
*	6610.0	36.2	6.0	42.2	68.2	-26.0	Peak	Vertical
*	7970.0	36.8	8.6	45.4	68.2	-22.8	Peak	Vertical
	11463.5	35.9	12.7	48.6	74.0	-25.4	Peak	Vertical
	12390.0	35.8	11.5	47.3	74.0	-26.7	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 99 of 330



Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	157	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6295.5	36.8	4.9	41.7	68.2	-26.5	Peak	Horizontal
*	8012.5	36.2	8.7	44.9	68.2	-23.3	Peak	Horizontal
	10851.5	35.3	12.8	48.1	74.0	-25.9	Peak	Horizontal
	12033.0	36.1	12.0	48.1	74.0	-25.9	Peak	Horizontal
*	6329.5	35.7	5.0	40.7	68.2	-27.5	Peak	Vertical
*	7910.5	34.9	8.4	43.3	68.2	-24.9	Peak	Vertical
	11523.0	36.1	12.7	48.8	74.0	-25.2	Peak	Vertical
	12381.5	34.6	11.5	46.1	74.0	-27.9	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 100 of 330



Test Mode:	802.11a - Ant 0	Test Site:	AC1				
Test Channel:	165	Test Engineer:	Bruce Wang				
Remark:	Average measurement was not performed if peak level lower than average						
	limit.	limit.					
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.						

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6287.0	36.9	4.9	41.8	68.2	-26.4	Peak	Horizontal
*	7876.5	36.1	8.4	44.5	68.2	-23.7	Peak	Horizontal
	10826.0	34.6	12.7	47.3	74.0	-26.7	Peak	Horizontal
	12169.0	35.9	11.8	47.7	74.0	-26.3	Peak	Horizontal
*	6431.5	35.8	5.6	41.4	68.2	-26.8	Peak	Vertical
*	7995.5	36.5	8.7	45.2	68.2	-23.0	Peak	Vertical
	11089.5	35.9	12.8	48.7	74.0	-25.3	Peak	Vertical
	12101.0	36.3	12.0	48.3	74.0	-25.7	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 101 of 330



Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	36	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6567.5	35.5	6.0	41.5	68.2	-26.7	Peak	Horizontal
*	7995.5	35.8	8.7	44.5	68.2	-23.7	Peak	Horizontal
	11370.0	36.6	12.6	49.2	74.0	-24.8	Peak	Horizontal
	12687.5	35.6	11.6	47.2	74.0	-26.8	Peak	Horizontal
*	6499.5	35.9	6.0	41.9	68.2	-26.3	Peak	Vertical
*	7910.5	34.7	8.4	43.1	68.2	-25.1	Peak	Vertical
	11463.5	35.2	12.7	47.9	74.0	-26.1	Peak	Vertical
	12220.0	35.8	11.7	47.5	74.0	-26.5	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 102 of 330



Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	44	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		·

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6584.5	35.7	6.0	41.7	68.2	-26.5	Peak	Horizontal
*	7936.0	36.1	8.5	44.6	68.2	-23.6	Peak	Horizontal
	11531.5	35.3	12.7	48.0	74.0	-26.0	Peak	Horizontal
	12288.0	35.2	11.7	46.9	74.0	-27.1	Peak	Horizontal
*	6270.0	36.7	4.8	41.5	68.2	-26.7	Peak	Vertical
*	7910.5	36.1	8.4	44.5	68.2	-23.7	Peak	Vertical
	11463.5	36.0	12.7	48.7	74.0	-25.3	Peak	Vertical
	12084.0	35.9	12.0	47.9	74.0	-26.1	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 103 of 330



Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	48	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6686.5	36.3	5.8	42.1	68.2	-26.1	Peak	Horizontal
*	7978.5	36.0	8.7	44.7	68.2	-23.5	Peak	Horizontal
	10826.0	34.3	12.7	47.0	74.0	-27.0	Peak	Horizontal
	11701.5	34.4	12.0	46.4	74.0	-27.6	Peak	Horizontal
*	6584.5	35.5	6.0	41.5	68.2	-26.7	Peak	Vertical
*	7902.0	36.6	8.3	44.9	68.2	-23.3	Peak	Vertical
	10945.0	35.0	13.1	48.1	74.0	-25.9	Peak	Vertical
	12092.5	36.0	12.0	48.0	74.0	-26.0	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 104 of 330



Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1				
Test Channel:	149	Test Engineer:	Bruce Wang				
Remark:	j j	. 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	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6644.0	35.7	6.0	41.7	68.2	-26.5	Peak	Horizontal
*	7953.0	36.7	8.6	45.3	68.2	-22.9	Peak	Horizontal
	11557.0	35.3	12.7	48.0	74.0	-26.0	Peak	Horizontal
	12041.5	35.7	12.0	47.7	74.0	-26.3	Peak	Horizontal
*	6576.0	35.2	6.0	41.2	68.2	-27.0	Peak	Vertical
*	7944.5	35.4	8.5	43.9	68.2	-24.3	Peak	Vertical
	11455.0	35.4	12.7	48.1	74.0	-25.9	Peak	Vertical
	12169.0	35.1	11.8	46.9	74.0	-27.1	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 105 of 330



Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	157	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6338.0	36.4	5.1	41.5	68.2	-26.7	Peak	Horizontal
*	7970.0	35.4	8.6	44.0	68.2	-24.2	Peak	Horizontal
	10919.5	34.9	13.0	47.9	74.0	-26.1	Peak	Horizontal
	11931.0	34.7	11.9	46.6	74.0	-27.4	Peak	Horizontal
*	6567.5	34.6	6.0	40.6	68.2	-27.6	Peak	Vertical
*	7910.5	34.6	8.4	43.0	68.2	-25.2	Peak	Vertical
	10698.5	36.9	12.4	49.3	74.0	-24.7	Peak	Vertical
	11574.0	35.2	12.6	47.8	74.0	-26.2	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 106 of 330



Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	165	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6644.0	36.2	6.0	42.2	68.2	-26.0	Peak	Horizontal
*	7987.0	35.9	8.7	44.6	68.2	-23.6	Peak	Horizontal
	10826.0	35.1	12.7	47.8	74.0	-26.2	Peak	Horizontal
	11523.0	35.5	12.7	48.2	74.0	-25.8	Peak	Horizontal
*	6499.5	34.2	6.0	40.2	68.2	-28.0	Peak	Vertical
*	7987.0	37.2	8.7	45.9	68.2	-22.3	Peak	Vertical
	10996.0	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
	11591.0	36.1	12.6	48.7	74.0	-25.3	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 107 of 330



Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1					
Test Channel:	38	Test Engineer:	Bruce Wang					
Remark:	1. Average measurement was no	Average measurement was not performed if peak level lower than average						
	limit.							
	2. Other frequency was 20dB bel	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6780.0	36.2	5.9	42.1	68.2	-26.1	Peak	Horizontal
*	7978.5	36.1	8.7	44.8	68.2	-23.4	Peak	Horizontal
	10732.5	34.2	12.5	46.7	74.0	-27.3	Peak	Horizontal
	11302.0	35.8	12.5	48.3	74.0	-25.7	Peak	Horizontal
*	6754.5	36.5	5.7	42.2	68.2	-26.0	Peak	Vertical
*	7987.0	35.6	8.7	44.3	68.2	-23.9	Peak	Vertical
	10877.0	35.6	12.9	48.5	74.0	-25.5	Peak	Vertical
	11438.0	34.8	12.6	47.4	74.0	-26.6	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 108 of 330



Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	46	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit. Other fraguency was 20dB had.		•
	Other frequency was 20dB belin the report.	ow iimit iine Within 1:	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6397.5	35.8	5.4	41.2	68.2	-27.0	Peak	Horizontal
*	7919.0	35.4	8.4	43.8	68.2	-24.4	Peak	Horizontal
	10936.5	34.9	13.0	47.9	74.0	-26.1	Peak	Horizontal
	11973.5	35.5	11.9	47.4	74.0	-26.6	Peak	Horizontal
*	6661.0	35.9	6.0	41.9	68.2	-26.3	Peak	Vertical
*	7995.5	36.1	8.7	44.8	68.2	-23.4	Peak	Vertical
	10800.5	35.4	12.6	48.0	74.0	-26.0	Peak	Vertical
	11489.0	35.6	12.8	48.4	74.0	-25.6	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 109 of 330



Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	151	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6525.0	34.2	5.9	40.1	68.2	-28.1	Peak	Horizontal
*	7910.5	35.8	8.4	44.2	68.2	-24.0	Peak	Horizontal
	10877.0	35.8	12.9	48.7	74.0	-25.3	Peak	Horizontal
	11625.0	35.7	12.5	48.2	74.0	-25.8	Peak	Horizontal
*	6822.5	36.0	6.2	42.2	68.2	-26.0	Peak	Vertical
*	8004.0	35.5	8.7	44.2	68.2	-24.0	Peak	Vertical
	10962.0	34.4	13.1	47.5	74.0	-26.5	Peak	Vertical
	11421.0	35.8	12.6	48.4	74.0	-25.6	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 110 of 330



Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	159	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel in the report. 		Ç

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6244.5	37.2	4.7	41.9	68.2	-26.3	Peak	Horizontal
*	7961.5	36.0	8.6	44.6	68.2	-23.6	Peak	Horizontal
	10792.0	34.7	12.6	47.3	74.0	-26.7	Peak	Horizontal
	11123.5	35.6	12.7	48.3	74.0	-25.7	Peak	Horizontal
*	6686.5	35.9	5.8	41.7	68.2	-26.5	Peak	Vertical
*	8004.0	36.5	8.7	45.2	68.2	-23.0	Peak	Vertical
	11106.5	36.1	12.8	48.9	74.0	-25.1	Peak	Vertical
	11608.0	35.8	12.5	48.3	74.0	-25.7	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 111 of 330



Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	36	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit. Other frequency was 20dB bel		Ç
	in the report.	ow iimit line within 19	- 18GHZ, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6431.5	37.1	5.6	42.7	68.2	-25.5	Peak	Horizontal
*	8930.5	34.9	9.0	43.9	68.2	-24.3	Peak	Horizontal
	10962.0	34.9	13.1	48.0	74.0	-26.0	Peak	Horizontal
	15543.5	38.7	12.2	50.9	74.0	-23.1	Peak	Horizontal
*	6321.0	36.0	5.0	41.0	68.2	-27.2	Peak	Vertical
*	8701.0	35.3	9.0	44.3	68.2	-23.9	Peak	Vertical
	9415.0	35.3	10.6	45.9	74.0	-28.1	Peak	Vertical
	11268.0	35.7	12.4	48.1	74.0	-25.9	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 112 of 330



Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	44	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit. Other frequency was 20dR hall.		•
	Other frequency was 20dB belin the report.	ow infinctione within 1	- 100Hz, there is not snow

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6474.0	36.1	5.8	41.9	68.2	-26.3	Peak	Horizontal
*	8803.0	35.6	8.9	44.5	68.2	-23.7	Peak	Horizontal
	9364.0	34.8	10.5	45.3	74.0	-28.7	Peak	Horizontal
	11523.0	35.9	12.7	48.6	74.0	-25.4	Peak	Horizontal
*	6440.0	36.6	5.7	42.3	68.2	-25.9	Peak	Vertical
*	8888.0	34.8	9.2	44.0	68.2	-24.2	Peak	Vertical
	9321.5	34.7	10.4	45.1	74.0	-28.9	Peak	Vertical
	11310.5	35.5	12.5	48.0	74.0	-26.0	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 113 of 330



Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1					
Test Channel:	48	Test Engineer:	Bruce Wang					
Remark:	ŭ	. Average measurement was not performed if peak level lower than average						
	limit.							
	2. Other frequency was 20dB bel	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6805.5	36.4	6.1	42.5	68.2	-25.7	Peak	Horizontal
*	8616.0	34.7	8.8	43.5	68.2	-24.7	Peak	Horizontal
	9304.5	33.9	10.4	44.3	74.0	-29.7	Peak	Horizontal
	11259.5	34.6	12.4	47.0	74.0	-27.0	Peak	Horizontal
*	6763.0	36.2	5.8	42.0	68.2	-26.2	Peak	Vertical
*	8905.0	35.1	9.2	44.3	68.2	-23.9	Peak	Vertical
	9406.5	34.6	10.6	45.2	74.0	-28.8	Peak	Vertical
	11081.0	34.7	12.9	47.6	74.0	-26.4	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 114 of 330



Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1					
Test Channel:	149	Test Engineer:	Bruce Wang					
Remark:	Average measurement was no	. Average measurement was not performed if peak level lower than average						
	limit.							
	2. Other frequency was 20dB bel	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5921.5	36.6	4.2	40.8	68.2	-27.4	Peak	Horizontal
*	6890.5	36.1	6.5	42.6	68.2	-25.6	Peak	Horizontal
	9338.5	34.1	10.4	44.5	74.0	-29.5	Peak	Horizontal
	11047.0	35.9	12.9	48.8	74.0	-25.2	Peak	Horizontal
*	5998.0	36.3	4.3	40.6	68.2	-27.6	Peak	Vertical
*	6882.0	36.2	6.4	42.6	68.2	-25.6	Peak	Vertical
	9338.5	34.4	10.4	44.8	74.0	-29.2	Peak	Vertical
	11038.5	35.0	12.9	47.9	74.0	-26.1	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 115 of 330



Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	157	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5947.0	35.8	4.3	40.1	68.2	-28.1	Peak	Horizontal
*	6814.0	35.7	6.1	41.8	68.2	-26.4	Peak	Horizontal
	9423.5	33.7	10.6	44.3	74.0	-29.7	Peak	Horizontal
	11055.5	34.5	12.9	47.4	74.0	-26.6	Peak	Horizontal
*	5904.5	35.5	4.2	39.7	68.2	-28.5	Peak	Vertical
*	6839.5	35.2	6.3	41.5	68.2	-26.7	Peak	Vertical
	9338.5	33.6	10.4	44.0	74.0	-30.0	Peak	Vertical
	11132.0	34.7	12.7	47.4	74.0	-26.6	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 116 of 330



Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	165	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5828.0	36.1	4.0	40.1	68.2	-28.1	Peak	Horizontal
*	6737.5	35.8	5.7	41.5	68.2	-26.7	Peak	Horizontal
	9483.0	34.3	10.6	44.9	74.0	-29.1	Peak	Horizontal
	11072.5	34.6	12.8	47.4	74.0	-26.6	Peak	Horizontal
*	5989.5	36.1	4.3	40.4	68.2	-27.8	Peak	Vertical
*	6814.0	35.4	6.1	41.5	68.2	-26.7	Peak	Vertical
	9355.5	34.5	10.5	45.0	74.0	-29.0	Peak	Vertical
	10749.5	34.5	12.5	47.0	74.0	-27.0	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 117 of 330



Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	38	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5887.5	35.9	4.1	40.0	68.2	-28.2	Peak	Horizontal
*	6814.0	35.3	6.1	41.4	68.2	-26.8	Peak	Horizontal
	9389.5	33.8	10.5	44.3	74.0	-29.7	Peak	Horizontal
	11548.5	35.4	12.7	48.1	74.0	-25.9	Peak	Horizontal
*	5938.5	35.7	4.3	40.0	68.2	-28.2	Peak	Vertical
*	6856.5	34.8	6.4	41.2	68.2	-27.0	Peak	Vertical
	9389.5	33.8	10.5	44.3	74.0	-29.7	Peak	Vertical
	11327.5	35.2	12.5	47.7	74.0	-26.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 118 of 330



Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1					
Test Channel:	46	Test Engineer:	Bruce Wang					
Remark:	Average measurement was no	Average measurement was not performed if peak level lower than average						
	limit.							
	2. Other frequency was 20dB bel	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5947.0	36.1	4.3	40.4	68.2	-27.8	Peak	Horizontal
*	6848.0	37.0	6.3	43.3	68.2	-24.9	Peak	Horizontal
	9491.5	34.7	10.6	45.3	74.0	-28.7	Peak	Horizontal
	11064.0	34.3	12.8	47.1	74.0	-26.9	Peak	Horizontal
*	5989.5	35.6	4.3	39.9	68.2	-28.3	Peak	Vertical
*	6975.5	35.6	6.8	42.4	68.2	-25.8	Peak	Vertical
	9364.0	34.2	10.5	44.7	74.0	-29.3	Peak	Vertical
	11140.5	35.5	12.6	48.1	74.0	-25.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 119 of 330



Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1					
Test Channel:	151	Test Engineer:	Bruce Wang					
Remark:		. Average measurement was not performed if peak level lower than average						
	limit. 2. Other frequency was 20dB bel	ow limit line within 1	-18GHz there is not show					
	in the report.	ow mine mic within is	TOOTIZ, there is not snow					

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5029.0	36.9	3.1	40.0	68.2	-28.2	Peak	Horizontal
*	6023.5	35.9	4.2	40.1	68.2	-28.1	Peak	Horizontal
	9423.5	33.7	10.6	44.3	74.0	-29.7	Peak	Horizontal
	11038.5	34.7	12.9	47.6	74.0	-26.4	Peak	Horizontal
*	5989.5	37.0	4.3	41.3	68.2	-26.9	Peak	Vertical
*	6822.5	35.6	6.2	41.8	68.2	-26.4	Peak	Vertical
	9338.5	34.8	10.4	45.2	74.0	-28.8	Peak	Vertical
	10962.0	34.9	13.1	48.0	74.0	-26.0	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 120 of 330



Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	159	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel in the report. 		Ç

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5989.5	36.7	4.3	41.0	68.2	-27.2	Peak	Horizontal
*	6907.5	35.2	6.6	41.8	68.2	-26.4	Peak	Horizontal
	9355.5	34.7	10.5	45.2	74.0	-28.8	Peak	Horizontal
	11616.5	35.8	12.5	48.3	74.0	-25.7	Peak	Horizontal
*	6057.5	36.3	4.1	40.4	68.2	-27.8	Peak	Vertical
*	6907.5	35.8	6.6	42.4	68.2	-25.8	Peak	Vertical
	9389.5	34.2	10.5	44.7	74.0	-29.3	Peak	Vertical
	11574.0	35.0	12.6	47.6	74.0	-26.4	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 121 of 330



Test Mode:	802.11ac-VHT80 - Ant 0	Test Site:	AC1
Test Channel:	42	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		·

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5972.5	36.9	4.3	41.2	68.2	-27.0	Peak	Horizontal
*	6805.5	35.6	6.1	41.7	68.2	-26.5	Peak	Horizontal
	9372.5	34.8	10.5	45.3	74.0	-28.7	Peak	Horizontal
	11030.0	35.3	13.0	48.3	74.0	-25.7	Peak	Horizontal
*	5862.0	36.5	4.1	40.6	68.2	-27.6	Peak	Vertical
*	6907.5	35.5	6.6	42.1	68.2	-26.1	Peak	Vertical
	9440.5	34.4	10.5	44.9	74.0	-29.1	Peak	Vertical
	10885.5	34.8	12.9	47.7	74.0	-26.3	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 122 of 330



Test Mode:	802.11ac-VHT80 - Ant 0	Test Site:	AC1
Test Channel:	155	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel in the report. 		•

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5989.5	35.2	4.3	39.5	68.2	-28.7	Peak	Horizontal
*	6924.5	36.0	6.6	42.6	68.2	-25.6	Peak	Horizontal
	9466.0	33.1	10.5	43.6	74.0	-30.4	Peak	Horizontal
	11132.0	35.3	12.7	48.0	74.0	-26.0	Peak	Horizontal
*	5989.5	35.3	4.3	39.6	68.2	-28.6	Peak	Vertical
*	6831.0	35.0	6.2	41.2	68.2	-27.0	Peak	Vertical
	9338.5	34.1	10.4	44.5	74.0	-29.5	Peak	Vertical
	11055.5	34.8	12.9	47.7	74.0	-26.3	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 123 of 330



Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6661.0	35.9	6.0	41.9	68.2	-26.3	Peak	Horizontal
*	7953.0	36.1	8.6	44.7	68.2	-23.5	Peak	Horizontal
	10800.5	35.4	12.6	48.0	74.0	-26.0	Peak	Horizontal
	11438.0	36.0	12.6	48.6	74.0	-25.4	Peak	Horizontal
*	6406.0	35.9	5.5	41.4	68.2	-26.8	Peak	Vertical
*	7953.0	35.4	8.6	44.0	68.2	-24.2	Peak	Vertical
	10783.5	33.8	12.6	46.4	74.0	-27.6	Peak	Vertical
	11514.5	36.4	12.8	49.2	74.0	-24.8	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 124 of 330



Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6244.5	36.4	4.7	41.1	68.2	-27.1	Peak	Horizontal
*	7910.5	35.3	8.4	43.7	68.2	-24.5	Peak	Horizontal
	10911.0	34.4	13.0	47.4	74.0	-26.6	Peak	Horizontal
	11480.5	35.7	12.7	48.4	74.0	-25.6	Peak	Horizontal
*	6431.5	35.4	5.6	41.0	68.2	-27.2	Peak	Vertical
*	7961.5	36.0	8.6	44.6	68.2	-23.6	Peak	Vertical
	10936.5	34.2	13.0	47.2	74.0	-26.8	Peak	Vertical
	11412.5	35.0	12.6	47.6	74.0	-26.4	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 125 of 330



Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6686.5	35.7	5.8	41.5	68.2	-26.7	Peak	Horizontal
*	7995.5	35.5	8.7	44.2	68.2	-24.0	Peak	Horizontal
	10834.5	35.0	12.7	47.7	74.0	-26.3	Peak	Horizontal
	11463.5	36.6	12.7	49.3	74.0	-24.7	Peak	Horizontal
*	6695.0	36.4	5.8	42.2	68.2	-26.0	Peak	Vertical
*	7961.5	35.7	8.6	44.3	68.2	-23.9	Peak	Vertical
	10792.0	35.3	12.6	47.9	74.0	-26.1	Peak	Vertical
	11514.5	36.0	12.8	48.8	74.0	-25.2	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 126 of 330



Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6652.5	36.5	6.0	42.5	68.2	-25.7	6652.5	Horizontal
*	7987.0	35.8	8.7	44.5	68.2	-23.7	7987.0	Horizontal
	10962.0	35.1	13.1	48.2	74.0	-25.8	10962.0	Horizontal
	11591.0	35.0	12.6	47.6	74.0	-26.4	11591.0	Horizontal
*	6814.0	36.2	6.1	42.3	68.2	-25.9	6814.0	Vertical
*	7927.5	36.6	8.5	45.1	68.2	-23.1	7927.5	Vertical
	10826.0	34.0	12.7	46.7	74.0	-27.3	10826.0	Vertical
	11370.0	35.8	12.6	48.4	74.0	-25.6	11370.0	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 127 of 330



Test Mode:	802.11a - Ant 1	Test Site:	AC1					
Test Channel:	157	Test Engineer:	Bruce Wang					
Remark:	Average measurement was no	Average measurement was not performed if peak level lower than average						
	limit.	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show							
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6678.0	36.2	5.9	42.1	68.2	-26.1	Peak	Horizontal
*	7970.0	37.1	8.6	45.7	68.2	-22.5	Peak	Horizontal
	10851.5	35.4	12.8	48.2	74.0	-25.8	Peak	Horizontal
	11480.5	35.3	12.7	48.0	74.0	-26.0	Peak	Horizontal
*	6669.5	35.6	5.9	41.5	68.2	-26.7	Peak	Vertical
*	8004.0	35.9	8.7	44.6	68.2	-23.6	Peak	Vertical
	11004.5	33.4	13.0	46.4	74.0	-27.6	Peak	Vertical
	11599.5	35.3	12.6	47.9	74.0	-26.1	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 128 of 330



Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6406.0	36.5	5.5	42.0	68.2	-26.2	Peak	Horizontal
*	7961.5	35.5	8.6	44.1	68.2	-24.1	Peak	Horizontal
	11013.0	35.7	13.0	48.7	74.0	-25.3	Peak	Horizontal
	11812.0	35.7	11.9	47.6	74.0	-26.4	Peak	Horizontal
*	6227.5	37.6	4.7	42.3	68.2	-25.9	Peak	Vertical
*	7919.0	35.5	8.4	43.9	68.2	-24.3	Peak	Vertical
	10996.0	33.4	13.0	46.4	74.0	-27.6	Peak	Vertical
	11523.0	35.6	12.7	48.3	74.0	-25.7	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 129 of 330



Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6346.5	37.1	5.1	42.2	68.2	-26.0	Peak	Horizontal
*	7919.0	34.9	8.4	43.3	68.2	-24.9	Peak	Horizontal
	10843.0	34.6	12.7	47.3	74.0	-26.7	Peak	Horizontal
	11982.0	35.1	11.9	47.0	74.0	-27.0	Peak	Horizontal
*	6312.5	37.3	4.9	42.2	68.2	-26.0	Peak	Vertical
*	7936.0	35.7	8.5	44.2	68.2	-24.0	Peak	Vertical
	10834.5	35.3	12.7	48.0	74.0	-26.0	Peak	Vertical
	11531.5	35.4	12.7	48.1	74.0	-25.9	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 130 of 330



Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.		•
	Other frequency was 20dB belin the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6372.0	35.9	5.3	41.2	68.2	-27.0	Peak	Horizontal
*	7953.0	35.9	8.6	44.5	68.2	-23.7	Peak	Horizontal
	10826.0	34.7	12.7	47.4	74.0	-26.6	Peak	Horizontal
	11463.5	35.5	12.7	48.2	74.0	-25.8	Peak	Horizontal
*	6278.5	36.8	4.9	41.7	68.2	-26.5	Peak	Vertical
*	7910.5	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
	10962.0	35.4	13.1	48.5	74.0	-25.5	Peak	Vertical
	12118.0	36.5	11.9	48.4	74.0	-25.6	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 131 of 330



Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1					
Test Channel:	48	Test Engineer:	Bruce Wang					
Remark:	Average measurement was no	. Average measurement was not performed if peak level lower than average						
	limit.	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show							
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6440.0	35.2	5.7	40.9	68.2	-27.3	Peak	Horizontal
*	7978.5	36.3	8.7	45.0	68.2	-23.2	Peak	Horizontal
	10928.0	33.5	13.0	46.5	74.0	-27.5	Peak	Horizontal
	11514.5	35.5	12.8	48.3	74.0	-25.7	Peak	Horizontal
*	6465.5	35.6	5.8	41.4	68.2	-26.8	Peak	Vertical
*	7927.5	35.7	8.5	44.2	68.2	-24.0	Peak	Vertical
	10826.0	35.0	12.7	47.7	74.0	-26.3	Peak	Vertical
	12058.5	36.0	12.0	48.0	74.0	-26.0	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 132 of 330



Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB below. 		Ç
	limit.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6278.5	37.0	4.9	41.9	68.2	-26.3	Peak	Horizontal
*	7936.0	35.4	8.5	43.9	68.2	-24.3	Peak	Horizontal
	10877.0	33.8	12.9	46.7	74.0	-27.3	Peak	Horizontal
	11463.5	35.8	12.7	48.5	74.0	-25.5	Peak	Horizontal
*	6270.0	37.2	4.8	42.0	68.2	-26.2	Peak	Vertical
*	7919.0	35.6	8.4	44.0	68.2	-24.2	Peak	Vertical
	10877.0	34.6	12.9	47.5	74.0	-26.5	Peak	Vertical
	11523.0	36.1	12.7	48.8	74.0	-25.2	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 133 of 330



Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1					
Test Channel:	157	Test Engineer:	Bruce Wang					
Remark:	Average measurement was no	. Average measurement was not performed if peak level lower than average						
	limit.	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show							
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6661.0	35.8	6.0	41.8	68.2	-26.4	Peak	Horizontal
*	7995.5	36.2	8.7	44.9	68.2	-23.3	Peak	Horizontal
	10851.5	35.5	12.8	48.3	74.0	-25.7	Peak	Horizontal
	12016.0	36.0	11.9	47.9	74.0	-26.1	Peak	Horizontal
*	6686.5	36.4	5.8	42.2	68.2	-26.0	Peak	Vertical
*	7927.5	35.8	8.5	44.3	68.2	-23.9	Peak	Vertical
	10953.5	34.7	13.1	47.8	74.0	-26.2	Peak	Vertical
	11531.5	35.4	12.7	48.1	74.0	-25.9	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 134 of 330



Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB belin the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6295.5	36.5	4.9	41.4	68.2	-26.8	Peak	Horizontal
*	7953.0	34.8	8.6	43.4	68.2	-24.8	Peak	Horizontal
	10851.5	34.6	12.8	47.4	74.0	-26.6	Peak	Horizontal
	12262.5	36.7	11.7	48.4	74.0	-25.6	Peak	Horizontal
*	6406.0	36.3	5.5	41.8	68.2	-26.4	Peak	Vertical
*	7953.0	35.5	8.6	44.1	68.2	-24.1	Peak	Vertical
	10928.0	35.0	13.0	48.0	74.0	-26.0	Peak	Vertical
	12220.0	36.4	11.7	48.1	74.0	-25.9	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 135 of 330



Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit. Other frequency was 20dB hall.		Ç
	Other frequency was 20dB bel in the report.	ow lifflit lifte within 19	- 10GHZ, there is not snow

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6618.5	35.9	6.0	41.9	68.2	-26.3	Peak	Horizontal
*	7970.0	35.6	8.6	44.2	68.2	-24.0	Peak	Horizontal
	10528.5	35.7	12.5	48.2	74.0	-25.8	Peak	Horizontal
	11480.5	34.7	12.7	47.4	74.0	-26.6	Peak	Horizontal
*	6720.5	37.4	5.8	43.2	68.2	-25.0	Peak	Vertical
*	7919.0	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
	11370.0	36.1	12.6	48.7	74.0	-25.3	Peak	Vertical
	12373.0	34.9	11.5	46.4	74.0	-27.6	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 136 of 330



Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6423.0	35.9	5.6	41.5	68.2	-26.7	Peak	Horizontal
*	7910.5	35.3	8.4	43.7	68.2	-24.5	Peak	Horizontal
	10877.0	35.8	12.9	48.7	74.0	-25.3	Peak	Horizontal
	11438.0	35.9	12.6	48.5	74.0	-25.5	Peak	Horizontal
*	6270.0	37.1	4.8	41.9	68.2	-26.3	Peak	Vertical
*	7936.0	36.7	8.5	45.2	68.2	-23.0	Peak	Vertical
	10953.5	35.3	13.1	48.4	74.0	-25.6	Peak	Vertical
	11608.0	35.2	12.5	47.7	74.0	-26.3	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 137 of 330



Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		·

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6627.0	37.1	6.0	43.1	68.2	-25.1	Peak	Horizontal
*	7936.0	35.9	8.5	44.4	68.2	-23.8	Peak	Horizontal
	10834.5	35.9	12.7	48.6	74.0	-25.4	Peak	Horizontal
	11489.0	35.0	12.8	47.8	74.0	-26.2	Peak	Horizontal
*	6270.0	36.9	4.8	41.7	68.2	-26.5	Peak	Vertical
*	7953.0	36.1	8.6	44.7	68.2	-23.5	Peak	Vertical
	10749.5	34.1	12.5	46.6	74.0	-27.4	Peak	Vertical
	11310.5	35.9	12.5	48.4	74.0	-25.6	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 138 of 330



Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6236.0	38.1	4.7	42.8	68.2	-25.4	Peak	Horizontal
*	7970.0	36.3	8.6	44.9	68.2	-23.3	Peak	Horizontal
	10826.0	34.6	12.7	47.3	74.0	-26.7	Peak	Horizontal
	11455.0	35.5	12.7	48.2	74.0	-25.8	Peak	Horizontal
*	6703.5	36.2	5.8	42.0	68.2	-26.2	Peak	Vertical
*	7970.0	36.1	8.6	44.7	68.2	-23.5	Peak	Vertical
	10979.0	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
	11531.5	35.8	12.7	48.5	74.0	-25.5	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 139 of 330



Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit. Other frequency was 20dB bel		Ç
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5998.0	34.8	4.3	39.1	68.2	-29.1	Peak	Horizontal
*	6746.0	35.3	5.7	41.0	68.2	-27.2	Peak	Horizontal
	9338.5	34.1	10.4	44.5	74.0	-29.5	Peak	Horizontal
	10800.5	34.2	12.6	46.8	74.0	-27.2	Peak	Horizontal
*	6066.0	35.4	4.1	39.5	68.2	-28.7	Peak	Vertical
*	6933.0	34.9	6.6	41.5	68.2	-26.7	Peak	Vertical
	9355.5	33.8	10.5	44.3	74.0	-29.7	Peak	Vertical
	10953.5	34.7	13.1	47.8	74.0	-26.2	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 140 of 330



Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6066.0	36.2	4.1	40.3	68.2	-27.9	Peak	Horizontal
*	6907.5	34.9	6.6	41.5	68.2	-26.7	Peak	Horizontal
	9423.5	32.7	10.6	43.3	74.0	-30.7	Peak	Horizontal
	10936.5	34.0	13.0	47.0	74.0	-27.0	Peak	Horizontal
*	6091.5	35.5	4.2	39.7	68.2	-28.5	Peak	Vertical
*	6686.5	36.8	5.8	42.6	68.2	-25.6	Peak	Vertical
	9347.0	35.2	10.5	45.7	74.0	-28.3	Peak	Vertical
	10868.5	34.8	12.8	47.6	74.0	-26.4	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 141 of 330



Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6074.5	36.3	4.2	40.5	68.2	-27.7	Peak	Horizontal
*	6754.5	35.8	5.7	41.5	68.2	-26.7	Peak	Horizontal
	9483.0	34.3	10.6	44.9	74.0	-29.1	Peak	Horizontal
	11149.0	35.2	12.6	47.8	74.0	-26.2	Peak	Horizontal
*	5998.0	35.7	4.3	40.0	68.2	-28.2	Peak	Vertical
*	6882.0	34.8	6.4	41.2	68.2	-27.0	Peak	Vertical
	9483.0	34.3	10.6	44.9	74.0	-29.1	Peak	Vertical
	10868.5	34.9	12.8	47.7	74.0	-26.3	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 142 of 330



Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6100.0	35.3	4.3	39.6	68.2	-28.6	Peak	Horizontal
*	6975.5	36.0	6.8	42.8	68.2	-25.4	Peak	Horizontal
	9398.0	34.2	10.5	44.7	74.0	-29.3	Peak	Horizontal
	10945.0	34.7	13.1	47.8	74.0	-26.2	Peak	Horizontal
*	6006.5	36.5	4.2	40.7	68.2	-27.5	Peak	Vertical
*	6856.5	36.1	6.4	42.5	68.2	-25.7	Peak	Vertical
	9304.5	33.8	10.4	44.2	74.0	-29.8	Peak	Vertical
	10877.0	34.8	12.9	47.7	74.0	-26.3	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 143 of 330



Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel in the report. 		Ç

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6100.0	34.8	4.3	39.1	68.2	-29.1	Peak	Horizontal
*	6899.0	35.6	6.5	42.1	68.2	-26.1	Peak	Horizontal
	9313.0	34.3	10.4	44.7	74.0	-29.3	Peak	Horizontal
	11030.0	35.0	13.0	48.0	74.0	-26.0	Peak	Horizontal
*	6015.0	35.4	4.2	39.6	68.2	-28.6	Peak	Vertical
*	6890.5	36.4	6.5	42.9	68.2	-25.3	Peak	Vertical
	9381.0	33.7	10.5	44.2	74.0	-29.8	Peak	Vertical
	11064.0	35.3	12.8	48.1	74.0	-25.9	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 144 of 330



Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB below. 		Ç
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6159.5	35.6	4.6	40.2	68.2	-28.0	Peak	Horizontal
*	6916.0	35.7	6.6	42.3	68.2	-25.9	Peak	Horizontal
	9415.0	33.9	10.6	44.5	74.0	-29.5	Peak	Horizontal
	10834.5	34.2	12.7	46.9	74.0	-27.1	Peak	Horizontal
*	5981.0	35.6	4.3	39.9	68.2	-28.3	Peak	Vertical
*	6882.0	35.1	6.4	41.5	68.2	-26.7	Peak	Vertical
	9330.0	34.7	10.4	45.1	74.0	-28.9	Peak	Vertical
	10953.5	34.7	13.1	47.8	74.0	-26.2	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 145 of 330



Test Mode:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.		•
	Other frequency was 20dB belin the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5998.0	35.7	4.3	40.0	68.2	-28.2	Peak	Horizontal
*	6899.0	35.3	6.5	41.8	68.2	-26.4	Peak	Horizontal
	9381.0	33.4	10.5	43.9	74.0	-30.1	Peak	Horizontal
	11055.5	34.8	12.9	47.7	74.0	-26.3	Peak	Horizontal
*	6134.0	35.3	4.5	39.8	68.2	-28.4	Peak	Vertical
*	6933.0	35.7	6.6	42.3	68.2	-25.9	Peak	Vertical
	9457.5	33.7	10.5	44.2	74.0	-29.8	Peak	Vertical
	10894.0	34.8	12.9	47.7	74.0	-26.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 146 of 330



Test Mode:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6083.0	35.3	4.2	39.5	68.2	-28.7	Peak	Horizontal
*	6924.5	35.2	6.6	41.8	68.2	-26.4	Peak	Horizontal
	9347.0	34.1	10.5	44.6	74.0	-29.4	Peak	Horizontal
	10970.5	34.6	13.1	47.7	74.0	-26.3	Peak	Horizontal
*	6108.5	34.7	4.3	39.0	68.2	-29.2	Peak	Vertical
*	6907.5	35.5	6.6	42.1	68.2	-26.1	Peak	Vertical
	9423.5	33.5	10.6	44.1	74.0	-29.9	Peak	Vertical
	10698.5	34.9	12.4	47.3	74.0	-26.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 147 of 330



Test Mode:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit. Other frequency was 20dB bel		•
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6210.5	34.2	4.7	38.9	68.2	-29.3	Peak	Horizontal
*	6916.0	35.5	6.6	42.1	68.2	-26.1	Peak	Horizontal
	9423.5	33.4	10.6	44.0	74.0	-30.0	Peak	Horizontal
	11106.5	34.8	12.8	47.6	74.0	-26.4	Peak	Horizontal
*	6159.5	35.2	4.6	39.8	68.2	-28.4	Peak	Vertical
*	6805.5	35.2	6.1	41.3	68.2	-26.9	Peak	Vertical
	9389.5	33.9	10.5	44.4	74.0	-29.6	Peak	Vertical
	11523.0	35.1	12.7	47.8	74.0	-26.2	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 148 of 330



Test Mode:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel in the report. 		Ç

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5972.5	36.2	4.3	40.5	68.2	-27.7	Peak	Horizontal
*	6933.0	35.1	6.6	41.7	68.2	-26.5	Peak	Horizontal
	9432.0	33.7	10.5	44.2	74.0	-29.8	Peak	Horizontal
	11514.5	35.3	12.8	48.1	74.0	-25.9	Peak	Horizontal
*	6006.5	35.4	4.2	39.6	68.2	-28.6	Peak	Vertical
*	6720.5	36.4	5.8	42.2	68.2	-26.0	Peak	Vertical
	9304.5	34.8	10.4	45.2	74.0	-28.8	Peak	Vertical
	11242.5	34.9	12.4	47.3	74.0	-26.7	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 149 of 330



Test Mode:	802.11ac-VHT80 - Ant 1	Test Site:	AC1					
Test Channel:	42	Test Engineer:	Bruce Wang					
Remark:	Average measurement was no	Average measurement was not performed if peak level lower than average						
	limit.							
	2. Other frequency was 20dB bel	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6091.5	34.6	4.2	38.8	68.2	-29.4	Peak	Horizontal
*	6916.0	35.7	6.6	42.3	68.2	-25.9	Peak	Horizontal
	9381.0	33.4	10.5	43.9	74.0	-30.1	Peak	Horizontal
	11531.5	35.8	12.7	48.5	74.0	-25.5	Peak	Horizontal
*	6159.5	33.7	4.6	38.3	68.2	-29.9	Peak	Vertical
*	6805.5	35.5	6.1	41.6	68.2	-26.6	Peak	Vertical
	9338.5	34.0	10.4	44.4	74.0	-29.6	Peak	Vertical
	10902.5	34.8	13.0	47.8	74.0	-26.2	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 150 of 330



Test Mode:	802.11ac-VHT80 - Ant 1	Test Site:	AC1
Test Channel:	155	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5760.0	33.5	3.9	37.4	68.2	-30.8	Peak	Horizontal
*	6967.0	35.4	6.7	42.1	68.2	-26.1	Peak	Horizontal
	9440.5	34.8	10.5	45.3	74.0	-28.7	Peak	Horizontal
	11021.5	34.8	13.0	47.8	74.0	-26.2	Peak	Horizontal
*	5998.0	35.7	4.3	40.0	68.2	-28.2	Peak	Vertical
*	6856.5	36.4	6.4	42.8	68.2	-25.4	Peak	Vertical
	9483.0	34.2	10.6	44.8	74.0	-29.2	Peak	Vertical
	11132.0	35.8	12.7	48.5	74.0	-25.5	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 151 of 330



Test Mode:	802.11a - Ant 0 + 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6644.0	35.7	6.0	41.7	68.2	-26.5	Peak	Horizontal
*	7927.5	35.1	8.5	43.6	68.2	-24.6	Peak	Horizontal
	10860.0	34.8	12.8	47.6	74.0	-26.4	Peak	Horizontal
	11999.0	37.4	11.9	49.3	74.0	-24.7	Peak	Horizontal
*	6499.5	35.8	6.0	41.8	68.2	-26.4	Peak	Vertical
*	7910.5	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
	10783.5	34.4	12.6	47.0	74.0	-27.0	Peak	Vertical
	11421.0	35.8	12.6	48.4	74.0	-25.6	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 152 of 330



Test Mode:	802.11a - Ant 0 + 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		,

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6644.0	36.0	6.0	42.0	68.2	-26.2	Peak	Horizontal
*	7995.5	36.3	8.7	45.0	68.2	-23.2	Peak	Horizontal
	10962.0	35.7	13.1	48.8	74.0	-25.2	Peak	Horizontal
	11676.0	35.2	12.1	47.3	74.0	-26.7	Peak	Horizontal
*	6465.5	36.1	5.8	41.9	68.2	-26.3	Peak	Vertical
*	7936.0	36.0	8.5	44.5	68.2	-23.7	Peak	Vertical
	10826.0	34.2	12.7	46.9	74.0	-27.1	Peak	Vertical
	11506.0	35.0	12.8	47.8	74.0	-26.2	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 153 of 330



Test Mode:	802.11a - Ant 0 + 1	Test Site:	AC1					
Test Channel:	48	Test Engineer:	Bruce Wang					
Remark:	Average measurement was no	Average measurement was not performed if peak level lower than average						
	limit.	limit.						
	2. Other frequency was 20dB bel	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6610.0	35.6	6.0	41.6	68.2	-26.6	Peak	Horizontal
*	7936.0	37.3	8.5	45.8	68.2	-22.4	Peak	Horizontal
	10834.5	34.8	12.7	47.5	74.0	-26.5	Peak	Horizontal
	11523.0	36.3	12.7	49.0	74.0	-25.0	Peak	Horizontal
*	6312.5	36.7	4.9	41.6	68.2	-26.6	Peak	Vertical
*	7995.5	37.2	8.7	45.9	68.2	-22.3	Peak	Vertical
	10732.5	34.1	12.5	46.6	74.0	-27.4	Peak	Vertical
	11523.0	35.6	12.7	48.3	74.0	-25.7	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 154 of 330



Test Mode:	802.11a - Ant 0 + 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel in the report. 		•

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6652.5	36.3	6.0	42.3	68.2	-25.9	Peak	Horizontal
*	7987.0	36.4	8.7	45.1	68.2	-23.1	Peak	Horizontal
	11072.5	35.0	12.8	47.8	74.0	-26.2	Peak	Horizontal
	12211.5	36.5	11.7	48.2	74.0	-25.8	Peak	Horizontal
*	6482.5	36.0	5.9	41.9	68.2	-26.3	Peak	Vertical
*	7910.5	36.4	8.4	44.8	68.2	-23.4	Peak	Vertical
	10970.5	35.8	13.1	48.9	74.0	-25.1	Peak	Vertical
	11973.5	36.5	11.9	48.4	74.0	-25.6	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 155 of 330



Test Mode:	802.11a - Ant 0 + 1	Test Site:	AC1					
Test Channel:	157	Test Engineer:	Bruce Wang					
Remark:	1. Average measurement was no	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	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6397.5	36.5	5.4	41.9	68.2	-26.3	Peak	Horizontal
*	7987.0	35.9	8.7	44.6	68.2	-23.6	Peak	Horizontal
	10928.0	34.3	13.0	47.3	74.0	-26.7	Peak	Horizontal
	11395.5	36.0	12.6	48.6	74.0	-25.4	Peak	Horizontal
*	6678.0	36.1	5.9	42.0	68.2	-26.2	Peak	Vertical
*	7970.0	35.6	8.6	44.2	68.2	-24.0	Peak	Vertical
	10953.5	35.7	13.1	48.8	74.0	-25.2	Peak	Vertical
	11999.0	36.2	11.9	48.1	74.0	-25.9	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 156 of 330



Test Mode:	802.11a - Ant 0 + 1	Test Site:	AC1				
Test Channel:	165	Test Engineer:	Bruce Wang				
Remark:	1. Average measurement was no	. 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	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6482.5	35.7	5.9	41.6	68.2	-26.6	Peak	Horizontal
*	7961.5	35.5	8.6	44.1	68.2	-24.1	Peak	Horizontal
	10800.5	34.4	12.6	47.0	74.0	-27.0	Peak	Horizontal
	11523.0	35.5	12.7	48.2	74.0	-25.8	Peak	Horizontal
*	6601.5	35.7	6.0	41.7	68.2	-26.5	Peak	Vertical
*	7910.5	34.6	8.4	43.0	68.2	-25.2	Peak	Vertical
	11106.5	35.8	12.8	48.6	74.0	-25.4	Peak	Vertical
	11999.0	35.8	11.9	47.7	74.0	-26.3	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 157 of 330



Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6219.0	37.8	4.7	42.5	68.2	-25.7	Peak	Horizontal
*	7987.0	36.7	8.7	45.4	68.2	-22.8	Peak	Horizontal
	10783.5	35.4	12.6	48.0	74.0	-26.0	Peak	Horizontal
	11370.0	36.3	12.6	48.9	74.0	-25.1	Peak	Horizontal
*	6644.0	36.4	6.0	42.4	68.2	-25.8	Peak	Vertical
*	7978.5	36.3	8.7	45.0	68.2	-23.2	Peak	Vertical
	10902.5	34.8	13.0	47.8	74.0	-26.2	Peak	Vertical
	11582.5	35.4	12.6	48.0	74.0	-26.0	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 158 of 330



Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1					
Test Channel:	44	Test Engineer:	Bruce Wang					
Remark:	· ·	. 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	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6559.0	35.9	6.0	41.9	68.2	-26.3	Peak	Horizontal
*	7987.0	35.6	8.7	44.3	68.2	-23.9	Peak	Horizontal
	10783.5	33.9	12.6	46.5	74.0	-27.5	Peak	Horizontal
	11361.5	35.7	12.6	48.3	74.0	-25.7	Peak	Horizontal
*	6712.0	36.5	5.8	42.3	68.2	-25.9	Peak	Vertical
*	7970.0	35.9	8.6	44.5	68.2	-23.7	Peak	Vertical
	10970.5	35.0	13.1	48.1	74.0	-25.9	Peak	Vertical
	11395.5	35.3	12.6	47.9	74.0	-26.1	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 159 of 330



Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6227.5	36.5	4.7	41.2	68.2	-27.0	Peak	Horizontal
*	7953.0	36.1	8.6	44.7	68.2	-23.5	Peak	Horizontal
	10945.0	35.4	13.1	48.5	74.0	-25.5	Peak	Horizontal
	11599.5	34.8	12.6	47.4	74.0	-26.6	Peak	Horizontal
*	6814.0	36.5	6.1	42.6	68.2	-25.6	Peak	Vertical
*	7961.5	35.9	8.6	44.5	68.2	-23.7	Peak	Vertical
	11013.0	35.4	13.0	48.4	74.0	-25.6	Peak	Vertical
	11591.0	35.5	12.6	48.1	74.0	-25.9	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 160 of 330



Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6270.0	37.6	4.8	42.4	68.2	-25.8	Peak	Horizontal
*	7919.0	35.6	8.4	44.0	68.2	-24.2	Peak	Horizontal
	10902.5	35.4	13.0	48.4	74.0	-25.6	Peak	Horizontal
	11540.0	35.2	12.7	47.9	74.0	-26.1	Peak	Horizontal
*	6219.0	37.4	4.7	42.1	68.2	-26.1	Peak	Vertical
*	7936.0	36.1	8.5	44.6	68.2	-23.6	Peak	Vertical
	11098.0	35.2	12.8	48.0	74.0	-26.0	Peak	Vertical
	11582.5	34.4	12.6	47.0	74.0	-27.0	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 161 of 330



Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6465.5	34.1	5.8	39.9	68.2	-28.3	Peak	Horizontal
*	7927.5	35.9	8.5	44.4	68.2	-23.8	Peak	Horizontal
	11098.0	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
	11404.0	36.1	12.6	48.7	74.0	-25.3	Peak	Horizontal
*	6635.5	36.4	6.0	42.4	68.2	-25.8	Peak	Vertical
*	7995.5	36.5	8.7	45.2	68.2	-23.0	Peak	Vertical
	10792.0	34.8	12.6	47.4	74.0	-26.6	Peak	Vertical
	11404.0	35.8	12.6	48.4	74.0	-25.6	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 162 of 330



Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6678.0	36.7	5.9	42.6	68.2	-25.6	Peak	Horizontal
*	7936.0	35.2	8.5	43.7	68.2	-24.5	Peak	Horizontal
	10868.5	34.9	12.8	47.7	74.0	-26.3	Peak	Horizontal
	11472.0	36.0	12.7	48.7	74.0	-25.3	Peak	Horizontal
*	6601.5	36.2	6.0	42.2	68.2	-26.0	Peak	Vertical
*	7936.0	35.4	8.5	43.9	68.2	-24.3	Peak	Vertical
	10928.0	33.9	13.0	46.9	74.0	-27.1	Peak	Vertical
	11353.0	36.4	12.5	48.9	74.0	-25.1	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 163 of 330



Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB belin the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6788.5	36.9	6.0	42.9	68.2	-25.3	Peak	Horizontal
*	7953.0	36.6	8.6	45.2	68.2	-23.0	Peak	Horizontal
	10945.0	34.9	13.1	48.0	74.0	-26.0	Peak	Horizontal
	11506.0	35.8	12.8	48.6	74.0	-25.4	Peak	Horizontal
*	6559.0	34.1	6.0	40.1	68.2	-28.1	Peak	Vertical
*	7936.0	35.3	8.5	43.8	68.2	-24.4	Peak	Vertical
	10775.0	35.7	12.5	48.2	74.0	-25.8	Peak	Vertical
	11531.5	35.5	12.7	48.2	74.0	-25.8	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 164 of 330



Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6593.0	36.1	6.0	42.1	68.2	-26.1	Peak	Horizontal
*	7987.0	35.5	8.7	44.2	68.2	-24.0	Peak	Horizontal
	10877.0	35.6	12.9	48.5	74.0	-25.5	Peak	Horizontal
	11633.5	35.3	12.4	47.7	74.0	-26.3	Peak	Horizontal
*	6516.5	36.1	6.0	42.1	68.2	-26.1	Peak	Vertical
*	7978.5	35.4	8.7	44.1	68.2	-24.1	Peak	Vertical
	10826.0	34.6	12.7	47.3	74.0	-26.7	Peak	Vertical
	11480.5	35.9	12.7	48.6	74.0	-25.4	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 165 of 330



Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB belin the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6678.0	36.3	5.9	42.2	68.2	-26.0	Peak	Horizontal
*	7910.5	35.5	8.4	43.9	68.2	-24.3	Peak	Horizontal
	10979.0	34.2	13.0	47.2	74.0	-26.8	Peak	Horizontal
	11438.0	35.8	12.6	48.4	74.0	-25.6	Peak	Horizontal
*	6355.0	36.3	5.2	41.5	68.2	-26.7	Peak	Vertical
*	7936.0	36.0	8.5	44.5	68.2	-23.7	Peak	Vertical
	10936.5	34.6	13.0	47.6	74.0	-26.4	Peak	Vertical
	11497.5	35.6	12.8	48.4	74.0	-25.6	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 166 of 330



Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1					
Test Channel:	159	Test Engineer:	Bruce Wang					
Remark:	. Average measurement was not performed if peak level lower than average							
	limit.	limit.						
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show							
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6576.0	35.8	6.0	41.8	68.2	-26.4	Peak	Horizontal
*	7936.0	35.3	8.5	43.8	68.2	-24.4	Peak	Horizontal
	10996.0	34.2	13.0	47.2	74.0	-26.8	Peak	Horizontal
	11616.5	35.4	12.5	47.9	74.0	-26.1	Peak	Horizontal
*	6652.5	35.7	6.0	41.7	68.2	-26.5	Peak	Vertical
*	7961.5	35.7	8.6	44.3	68.2	-23.9	Peak	Vertical
	11548.5	35.7	12.7	48.4	74.0	-25.6	Peak	Vertical
	12169.0	35.4	11.8	47.2	74.0	-26.8	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 167 of 330



Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1					
Test Channel:	36	Test Engineer:	Bruce Wang					
Remark:	Average measurement was no limit.	Average measurement was not performed if peak level lower than average						
	 Other frequency was 20dB bel in the report. 	ow limit line within 1	-18GHz, there is not show					

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6108.5	34.7	4.3	39.0	68.2	-29.2	Peak	Horizontal
*	6856.5	35.3	6.4	41.7	68.2	-26.5	Peak	Horizontal
	9313.0	35.8	10.4	46.2	74.0	-27.8	Peak	Horizontal
	11047.0	34.8	12.9	47.7	74.0	-26.3	Peak	Horizontal
*	6074.5	35.6	4.2	39.8	68.2	-28.4	Peak	Vertical
*	6882.0	34.1	6.4	40.5	68.2	-27.7	Peak	Vertical
	9423.5	32.1	10.6	42.7	74.0	-31.3	Peak	Vertical
	11030.0	35.0	13.0	48.0	74.0	-26.0	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 168 of 330



Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1					
Test Channel:	44	Test Engineer:	Bruce Wang					
Remark:	Average measurement was no	Average measurement was not performed if peak level lower than average						
	limit.							
	2. Other frequency was 20dB bel	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show						
	in the report.							

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6006.5	35.4	4.2	39.6	68.2	-28.6	Peak	Horizontal
*	6967.0	35.3	6.7	42.0	68.2	-26.2	Peak	Horizontal
	9415.0	34.4	10.6	45.0	74.0	-29.0	Peak	Horizontal
	10979.0	34.6	13.0	47.6	74.0	-26.4	Peak	Horizontal
*	6142.5	34.2	4.5	38.7	68.2	-29.5	Peak	Vertical
*	6797.0	34.9	6.0	40.9	68.2	-27.3	Peak	Vertical
	9347.0	34.8	10.5	45.3	74.0	-28.7	Peak	Vertical
	10919.5	35.0	13.0	48.0	74.0	-26.0	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 169 of 330



Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.		•
	Other frequency was 20dB belin the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5998.0	35.3	4.3	39.6	68.2	-28.6	Peak	Horizontal
*	6899.0	34.8	6.5	41.3	68.2	-26.9	Peak	Horizontal
	9415.0	35.6	10.6	46.2	74.0	-27.8	Peak	Horizontal
	10885.5	34.5	12.9	47.4	74.0	-26.6	Peak	Horizontal
*	6108.5	35.3	4.3	39.6	68.2	-28.6	Peak	Vertical
*	6831.0	34.7	6.2	40.9	68.2	-27.3	Peak	Vertical
	9338.5	33.3	10.4	43.7	74.0	-30.3	Peak	Vertical
	11038.5	34.9	12.9	47.8	74.0	-26.2	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 170 of 330



Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1					
Test Channel:	149	Test Engineer:	Bruce Wang					
Remark:	Average measurement was no	. 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	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6210.5	34.8	4.7	39.5	68.2	-28.7	Peak	Horizontal
*	6856.5	35.1	6.4	41.5	68.2	-26.7	Peak	Horizontal
	9330.0	34.3	10.4	44.7	74.0	-29.3	Peak	Horizontal
	11370.0	35.4	12.6	48.0	74.0	-26.0	Peak	Horizontal
*	5930.0	35.4	4.3	39.7	68.2	-28.5	Peak	Vertical
*	6899.0	35.5	6.5	42.0	68.2	-26.2	Peak	Vertical
	9347.0	33.3	10.5	43.8	74.0	-30.2	Peak	Vertical
	10851.5	35.4	12.8	48.2	74.0	-25.8	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 171 of 330



Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bel in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5904.5	35.1	4.2	39.3	68.2	-28.9	Peak	Horizontal
*	6933.0	34.5	6.6	41.1	68.2	-27.1	Peak	Horizontal
	9466.0	33.5	10.5	44.0	74.0	-30.0	Peak	Horizontal
	10877.0	34.2	12.9	47.1	74.0	-26.9	Peak	Horizontal
*	5802.5	34.1	4.0	38.1	68.2	-30.1	Peak	Vertical
*	6839.5	34.9	6.3	41.2	68.2	-27.0	Peak	Vertical
	9432.0	33.3	10.5	43.8	74.0	-30.2	Peak	Vertical
	11514.5	34.7	12.8	47.5	74.0	-26.5	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 172 of 330



Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel in the report. 		Ç

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6006.5	35.5	4.2	39.7	68.2	-28.5	Peak	Horizontal
*	6805.5	36.3	6.1	42.4	68.2	-25.8	Peak	Horizontal
	9491.5	34.7	10.6	45.3	74.0	-28.7	Peak	Horizontal
	10979.0	34.6	13.0	47.6	74.0	-26.4	Peak	Horizontal
*	5581.5	33.8	3.5	37.3	68.2	-30.9	Peak	Vertical
*	6822.5	35.0	6.2	41.2	68.2	-27.0	Peak	Vertical
	9338.5	34.2	10.4	44.6	74.0	-29.4	Peak	Vertical
	10953.5	34.9	13.1	48.0	74.0	-26.0	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 173 of 330



Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit. Other fragues accuracy was 20dB had.		Ç
	Other frequency was 20dB bel in the report.	ow iimit iine Within 1:	- IOGHZ, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6023.5	35.9	4.2	40.1	68.2	-28.1	Peak	Horizontal
*	6805.5	35.3	6.1	41.4	68.2	-26.8	Peak	Horizontal
	9432.0	33.9	10.5	44.4	74.0	-29.6	Peak	Horizontal
	11565.5	35.1	12.7	47.8	74.0	-26.2	Peak	Horizontal
*	5998.0	36.2	4.3	40.5	68.2	-27.7	Peak	Vertical
*	6831.0	35.8	6.2	42.0	68.2	-26.2	Peak	Vertical
	9423.5	34.1	10.6	44.7	74.0	-29.3	Peak	Vertical
	10919.5	34.4	13.0	47.4	74.0	-26.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 174 of 330



Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Bruce Wang
Remark:	 Average measurement was no limit. Other frequency was 20dB bel 		Ç
	in the report.		·

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5887.5	34.7	4.1	38.8	68.2	-29.4	Peak	Horizontal
*	6890.5	34.1	6.5	40.6	68.2	-27.6	Peak	Horizontal
	9423.5	33.4	10.6	44.0	74.0	-30.0	Peak	Horizontal
	11072.5	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
*	5717.5	34.6	3.8	38.4	68.2	-29.8	Peak	Vertical
*	6856.5	35.4	6.4	41.8	68.2	-26.4	Peak	Vertical
	9389.5	34.3	10.5	44.8	74.0	-29.2	Peak	Vertical
	10996.0	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 175 of 330



Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1					
Test Channel:	151	Test Engineer:	Bruce Wang					
Remark:	Average measurement was no	. 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	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5896.0	35.5	4.2	39.7	68.2	-28.5	Peak	Horizontal
*	6805.5	35.6	6.1	41.7	68.2	-26.5	Peak	Horizontal
	9398.0	33.9	10.5	44.4	74.0	-29.6	Peak	Horizontal
	10970.5	35.4	13.1	48.5	74.0	-25.5	Peak	Horizontal
*	5887.5	34.7	4.1	38.8	68.2	-29.4	Peak	Vertical
*	6686.5	34.9	5.8	40.7	68.2	-27.5	Peak	Vertical
	9466.0	33.7	10.5	44.2	74.0	-29.8	Peak	Vertical
	11030.0	34.5	13.0	47.5	74.0	-26.5	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 ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 176 of 330



Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Bruce Wang
Remark:	Average measurement was no limit.	t performed if peak l	evel lower than average
	Other frequency was 20dB bell in the report.	ow limit line within 1	-18GHz, there is not show

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5658.0	33.9	3.6	37.5	68.2	-30.7	Peak	Horizontal
*	6746.0	35.2	5.7	40.9	68.2	-27.3	Peak	Horizontal
	9313.0	35.5	10.4	45.9	74.0	-28.1	Peak	Horizontal
	11132.0	35.8	12.7	48.5	74.0	-25.5	Peak	Horizontal
*	5785.5	33.4	3.9	37.3	68.2	-30.9	Peak	Vertical
*	6797.0	33.9	6.0	39.9	68.2	-28.3	Peak	Vertical
	9364.0	34.7	10.5	45.2	74.0	-28.8	Peak	Vertical
	10792.0	35.0	12.6	47.6	74.0	-26.4	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 177 of 330



Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Site:	AC1				
Test Channel:	42	Test Engineer:	Bruce Wang				
Remark:	ŭ	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	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	6100.0	35.1	4.3	39.4	68.2	-28.8	Peak	Horizontal
*	6890.5	35.2	6.5	41.7	68.2	-26.5	Peak	Horizontal
	9423.5	34.7	10.6	45.3	74.0	-28.7	Peak	Horizontal
	10962.0	34.4	13.1	47.5	74.0	-26.5	Peak	Horizontal
*	6261.5	35.2	4.8	40.0	68.2	-28.2	Peak	Vertical
*	6933.0	35.7	6.6	42.3	68.2	-25.9	Peak	Vertical
	9440.5	34.3	10.5	44.8	74.0	-29.2	Peak	Vertical
	11319.0	35.0	12.5	47.5	74.0	-26.5	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 178 of 330



Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Site:	AC1
Test Channel:	155	Test Engineer:	d
Remark:	 Average measurement was no limit. Other frequency was 20dB bel in the report. 		•

Mark	Frequency	Reading	Factor	Measure	Limit	Margin	Detector	Polarization
	(MHz)	Level	(dB)	Level	(dBµV/m)	(dB)		
		(dBµV)		(dBµV/m)				
*	5734.5	33.7	3.8	37.5	68.2	-30.7	Peak	Horizontal
*	6907.5	35.1	6.6	41.7	68.2	-26.5	Peak	Horizontal
	9338.5	33.8	10.4	44.2	74.0	-29.8	Peak	Horizontal
	10970.5	35.3	13.1	48.4	74.0	-25.6	Peak	Horizontal
*	5734.5	34.3	3.8	38.1	68.2	-30.1	Peak	Vertical
*	6848.0	35.7	6.3	42.0	68.2	-26.2	Peak	Vertical
	9321.5	35.0	10.4	45.4	74.0	-28.6	Peak	Vertical
	10996.0	35.4	13.0	48.4	74.0	-25.6	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)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) – Pre Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 179 of 330



The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2016/08/08 - 11:13					
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang					
Probe: VULB 9168 _20-2000MHz	Polarity: Horizontal					
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz					
Worst Mode: Transmit by 802.11a at channel 5220MHz						

90 80 70 60 20 10 0 -10 30 100 Frequency(MHz)

No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			31.025	14.899	1.247	-25.101	40.000	13.652	QP
2			43.982	15.273	1.025	-24.727	40.000	14.248	QP
3			148.340	16.163	1.112	-27.337	43.500	15.051	QP
4			493.660	18.902	0.505	-27.098	46.000	18.397	QP
5			696.875	22.550	0.580	-23.450	46.000	21.969	QP
6		*	862.260	24.290	0.494	-21.710	46.000	23.796	QP

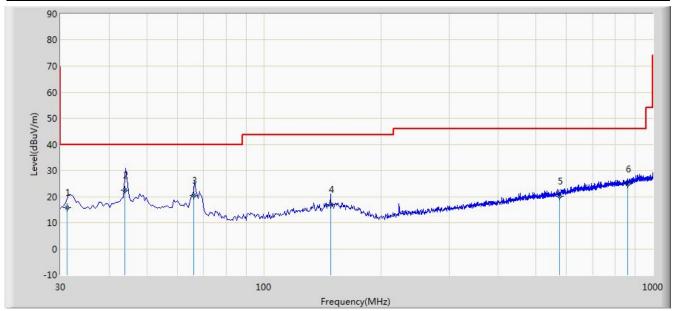
Note: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

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

FCC ID: 2AJPQM2 Page Number: 180 of 330



Site: AC1	Time: 2016/08/08 - 11:15					
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang					
Probe: VULB 9168 _20-2000MHz	Polarity: Vertical					
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz					
Worst Mode: Transmit by 802.11a at channel 5220MHz						



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			31.250	15.666	2.005	-24.334	40.000	13.661	QP
2		*	44.012	22.447	8.201	-17.553	40.000	14.247	QP
3			66.137	20.430	8.214	-19.570	40.000	12.216	QP
4			148.320	17.101	2.051	-26.399	43.500	15.049	QP
5			576.595	20.178	0.213	-25.822	46.000	19.965	QP
6			861.775	24.794	0.997	-21.206	46.000	23.797	QP

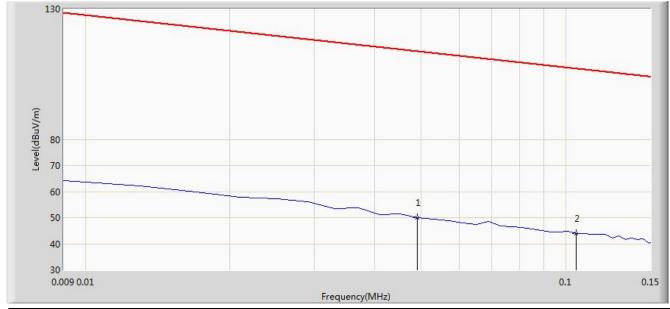
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

FCC ID: 2AJPQM2 Page Number: 181 of 330





Note: There is the ambient noise within frequency range 9kHz~30MHz.						
EUT: Deepoon VR All-In-One Headset	Power: By Battery					
Probe: FMZB1519_0.009-30MHz	Polarity: Face on					
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang					
Site: AC1	Time: 2016/8/23 - 17:18					



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			0.049	50.112	29.552	-63.688	113.800	20.560	AV
2		*	0.105	44.043	23.845	-63.137	107.180	20.198	QP

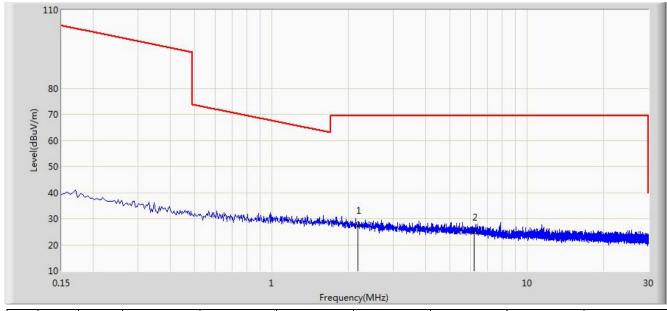
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

 $Limit@3m = 20*Log((2400/49)uV/m) + 40*Log(300m/3m) = 113.800dB\mu v/m$ (Average detector)

FCC ID: 2AJPQM2 Page Number: 182 of 330



Site: AC1	Time: 2016/8/23 - 17:19					
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang					
Probe: FMZB1519_0.009-30MHz	Polarity: Face on					
EUT: Deepoon VR All-In-One Headset	Power: By Battery					
Note: There is the ambient noise within frequency range 9kHz~30MHz.						



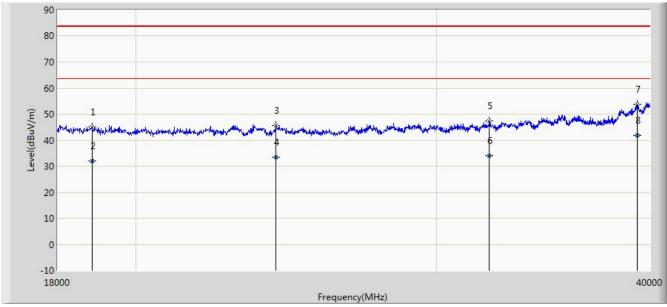
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	2.175	27.371	6.960	-42.129	69.500	20.412	QP
2			6.216	24.786	4.701	-44.714	69.500	20.085	QP

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

FCC ID: 2AJPQM2 Page Number: 183 of 330



Note: There is the ambient noise within frequency range 18GHz~40GHz.						
EUT: Deepoon VR All-In-One Headset	Power: By Battery					
Probe: BBHA9170_18-40GHz	Polarity: Horizontal					
Limit: FCC_Part15.209_RE(1m)	Engineer: Bruce Wang					
Site: AC1	Time: 2016/8/27 - 17:25					



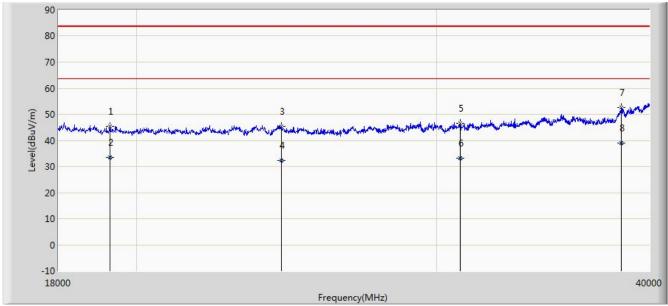
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			18858.000	45.191	36.541	-38.309	83.500	8.650	PK
2			18858.000	32.100	23.450	-31.400	63.500	8.650	AV
3			24171.000	45.675	35.208	-37.825	83.500	10.467	PK
4			24171.000	33.397	22.930	-30.103	63.500	10.467	AV
5			32223.000	47.527	35.659	-35.973	83.500	11.868	PK
6			32223.000	34.038	22.170	-29.462	63.500	11.868	AV
7			39318.000	53.825	36.172	-29.675	83.500	17.653	PK
8		*	39318.000	41.773	24.120	-21.727	63.500	17.653	AV

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

FCC ID: 2AJPQM2 Page Number: 184 of 330



Note: There is the ambient noise within frequency range 18GHz~40GHz.						
EUT: Deepoon VR All-In-One Headset	Power: By Battery					
Probe: BBHA9170_18-40GHz	Polarity: Vertical					
Limit: FCC_Part15.209_RE(1m)	Engineer: Bruce Wang					
Site: AC1	Time: 2016/8/27 - 17:28					



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			19309.000	45.507	37.286	-37.993	83.500	8.221	PK
2			19309.000	33.541	25.320	-29.959	63.500	8.221	AV
3			24336.000	45.444	34.796	-38.056	83.500	10.649	PK
4			24336.000	32.388	21.740	-31.112	63.500	10.649	AV
5			30991.000	46.616	33.637	-36.884	83.500	12.979	PK
6			30991.000	33.159	20.180	-30.341	63.500	12.979	AV
7			38504.000	52.623	36.736	-30.877	83.500	15.888	PK
8		*	38504.000	39.047	23.160	-24.453	63.500	15.888	AV

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

FCC ID: 2AJPQM2 Page Number: 185 of 330



7.8. Radiated Restricted Band Edge Measurement

7.8.1. Test Limit

For 15.205 requirement:

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

Frequency	Frequency	Frequency	Frequency
(MHz)	(MHz)	(MHz)	(GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.25 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 – 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41			

FCC ID: 2AJPQM2 Page Number: 186 of 330



For 15.407(b) requirement:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band, all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

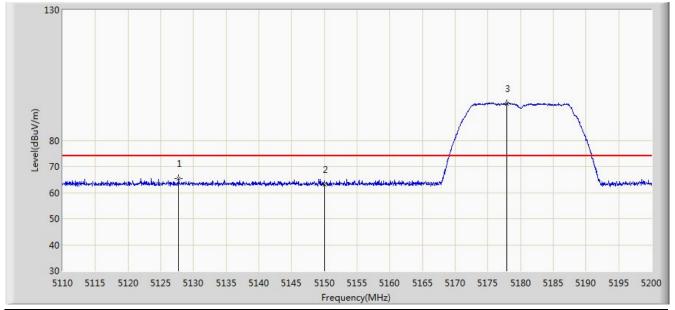
FCC Part 15 Subpart C Paragraph 15.209								
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]						
0.009 – 0.490	2400/F (kHz)	300						
0.490 – 1.705	24000/F (kHz)	30						
1.705 - 30	30	30						
30 - 88	100	3						
88 - 216	150	3						
216 - 960	200	3						
Above 960	500	3						

FCC ID: 2AJPQM2 Page Number: 187 of 330



7.8.2. Test Result of Radiated Restricted Band Edge

Site: AC1	Time: 2016/08/30 - 09:52			
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang			
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal			
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz			
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0				



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5127.730	65.445	27.967	-8.555	74.000	37.478	PK
2			5150.000	63.059	25.607	-10.941	74.000	37.452	PK
3		*	5177.860	94.150	56.771	N/A	N/A	37.378	PK

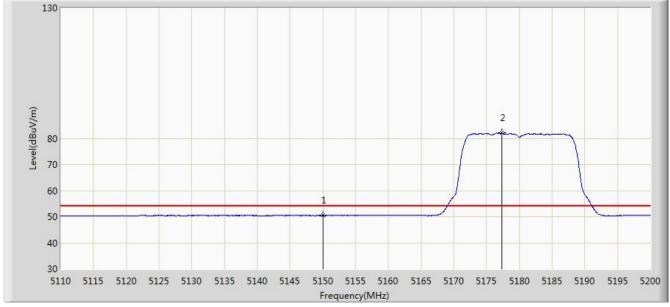
Note: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

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

FCC ID: 2AJPQM2 Page Number: 188 of 330



Site: AC1	Time: 2016/08/30 - 09:51			
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang			
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal			
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz			
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0				



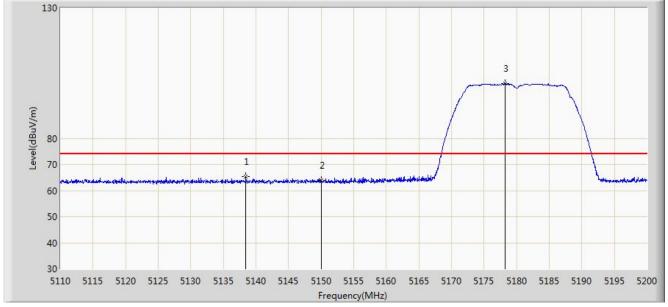
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5150.000	50.451	12.999	-3.549	54.000	37.452	AV
2		*	5177.275	82.070	44.690	N/A	N/A	37.379	AV

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

FCC ID: 2AJPQM2 Page Number: 189 of 330



Site: AC1	Time: 2016/08/30 - 09:52			
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang			
Probe: BBHA9120D_1-18GHz	Polarity: Vertical			
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz			
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0				



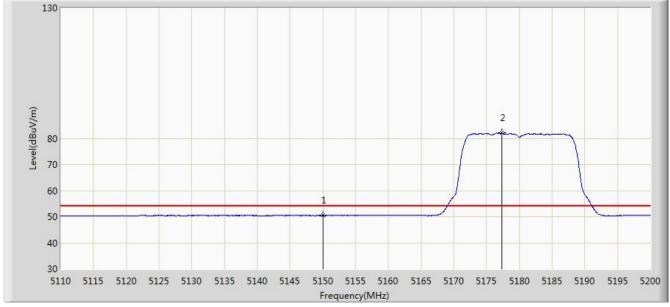
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5138.440	65.426	27.956	-8.574	74.000	37.470	PK
2			5150.000	63.937	26.485	-10.063	74.000	37.452	PK
3		*	5178.265	100.994	63.616	N/A	N/A	37.378	PK

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

FCC ID: 2AJPQM2 Page Number: 190 of 330



Site: AC1	Time: 2016/08/30 - 09:55				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0					



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5150.000	50.451	12.999	-3.549	54.000	37.452	AV
2		*	5177.275	82.070	44.690	N/A	N/A	37.379	AV

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

FCC ID: 2AJPQM2 Page Number: 191 of 330



Site: AC1	Time: 2016/08/30 - 09:57			
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang			
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal			
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz			
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0				

4 5

5670 5680

Frequency(MHz)

No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5617.325	64.852	27.122	-9.148	74.000	37.730	PK
2			5650.000	63.786	25.999	-10.214	74.000	37.787	PK
3			5700.000	64.419	26.527	-40.781	105.200	37.892	PK
4			5720.000	63.976	26.007	-46.824	110.800	37.970	PK
5			5725.000	64.281	26.291	-57.919	122.200	37.990	PK
6			5747.592	96.934	58.850	N/A	N/A	38.084	PK

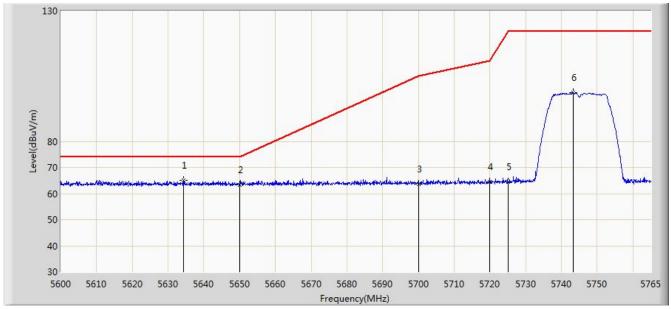
Note: Measure Level $(dB\mu V/m)$ = Reading Level $(dB\mu V)$ + Factor (dB)

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

FCC ID: 2AJPQM2 Page Number: 192 of 330



Site: AC1	Time: 2016/08/30 - 10:04				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0					



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5634.237	64.968	27.200	-9.032	74.000	37.768	PK
2			5650.000	63.380	25.593	-10.620	74.000	37.787	PK
3			5700.000	63.699	25.807	-41.501	105.200	37.892	PK
4			5720.000	64.469	26.500	-46.331	110.800	37.970	PK
5			5725.000	64.456	26.466	-57.744	122.200	37.990	PK
6			5743.220	98.810	60.747	N/A	N/A	38.063	PK

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

FCC ID: 2AJPQM2 Page Number: 193 of 330



Site: AC1	Time: 2016/08/30 - 10:09				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0					

130 1 2 3 4 5 60 50 40 30 5805 5820 5830 5840 5850 5860 5870 5880 5890 5900 5910 5920 5930 5940 5950 5960 5970 5980 5990 6000 Frequency(MHz)

No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5830.447	97.318	58.939	N/A	N/A	38.378	PK
2			5850.000	64.754	26.301	-57.446	122.200	38.454	PK
3			5855.000	65.607	27.142	-45.193	110.800	38.465	PK
4			5875.000	65.452	26.955	-39.748	105.200	38.497	PK
5			5925.000	64.889	26.356	-9.111	74.000	38.533	PK
6		*	5984.010	67.136	28.573	-6.864	74.000	38.563	PK

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

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

FCC ID: 2AJPQM2 Page Number: 194 of 330



30 5805

Site: AC1	Time: 2016/08/30 - 10:13				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0					

130 1 2 3 4 5 60 50 40

No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5827.328	97.590	59.225	N/A	N/A	38.365	PK
2			5850.000	65.112	26.659	-57.088	122.200	38.454	PK
3			5855.000	65.438	26.973	-45.362	110.800	38.465	PK
4			5875.000	65.204	26.707	-39.996	105.200	38.497	PK
5			5925.000	65.391	26.858	-8.609	74.000	38.533	PK
6		*	5986.935	67.431	28.862	-6.569	74.000	38.570	PK

5820 5830 5840 5850 5860 5870 5880 5890 5900 5910 5920 5930 5940 5950 5960 5970 5980 5990 6000

Frequency(MHz)

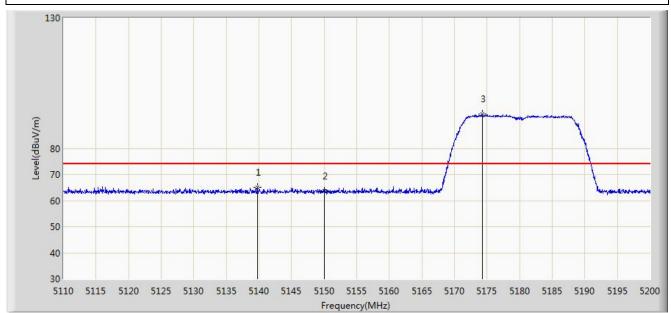
Note: Measure Level $(dB\mu V/m)$ = Reading Level $(dB\mu V)$ + Factor (dB)

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

FCC ID: 2AJPQM2 Page Number: 195 of 330



Site: AC1	Time: 2016/08/30 - 10:17				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0					



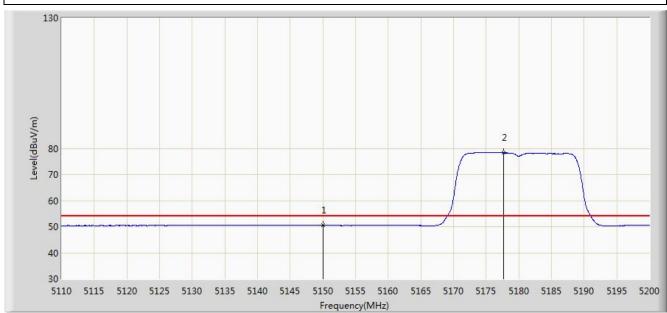
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5139.745	65.156	27.688	-8.844	74.000	37.467	PK
2			5150.000	63.620	26.168	-10.380	74.000	37.452	PK
3		*	5174.305	93.293	55.906	N/A	N/A	37.387	PK

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

FCC ID: 2AJPQM2 Page Number: 196 of 330



Site: AC1	Time: 2016/08/30 - 10:24				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0					



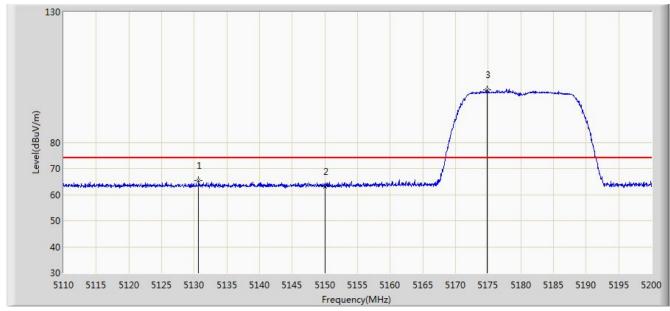
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5150.000	50.450	12.998	-3.550	54.000	37.452	AV
2		*	5177.680	78.361	40.982	N/A	N/A	37.379	AV

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

FCC ID: 2AJPQM2 Page Number: 197 of 330



Site: AC1	Time: 2016/08/30 - 10:24				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0					



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5130.655	65.501	28.023	-8.499	74.000	37.479	PK
2			5150.000	63.105	25.653	-10.895	74.000	37.452	PK
3		*	5174.800	100.091	62.705	N/A	N/A	37.386	PK

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

FCC ID: 2AJPQM2 Page Number: 198 of 330



Site: AC1	Time: 2016/08/30 - 10:27				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0					



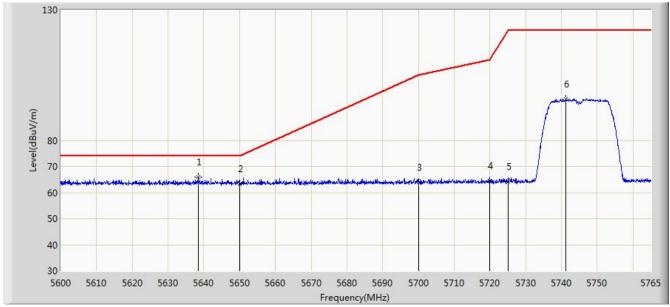
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5150.000	50.521	13.069	-3.479	54.000	37.452	AV
2		*	5181.595	84.313	46.943	N/A	N/A	37.371	AV

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

FCC ID: 2AJPQM2 Page Number: 199 of 330



Site: AC1	Time: 2016/08/30 - 10:29				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0					



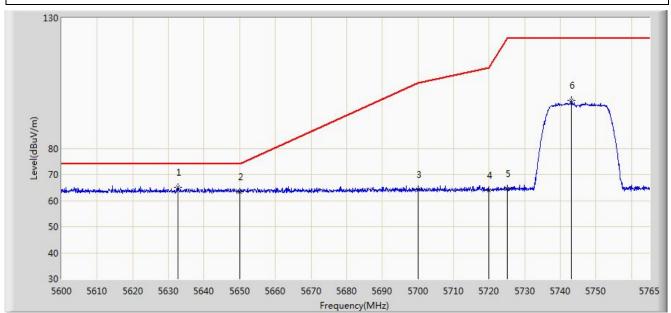
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5638.362	65.965	28.187	-8.035	74.000	37.778	PK
2			5650.000	63.381	25.594	-10.619	74.000	37.787	PK
3			5700.000	63.860	25.968	-41.340	105.200	37.892	PK
4			5720.000	64.606	26.637	-46.194	110.800	37.970	PK
5			5725.000	64.218	26.228	-57.982	122.200	37.990	PK
6			5741.322	95.718	57.662	N/A	N/A	38.056	PK

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

FCC ID: 2AJPQM2 Page Number: 200 of 330



Site: AC1	Time: 2016/08/30 - 10:32				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset Power: AC 120V/60Hz					
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0					



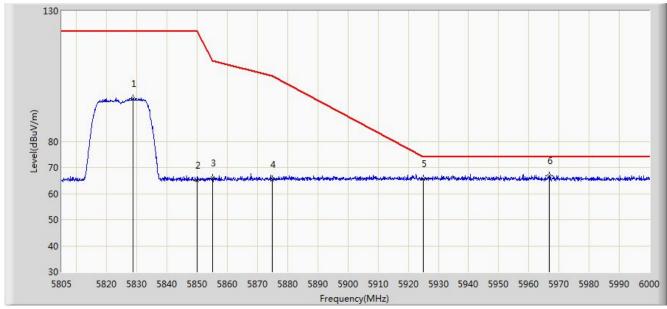
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5632.752	65.119	27.355	-8.881	74.000	37.764	PK
2			5650.000	63.384	25.597	-10.616	74.000	37.787	PK
3			5700.000	64.106	26.214	-41.094	105.200	37.892	PK
4			5720.000	64.015	26.046	-46.785	110.800	37.970	PK
5			5725.000	64.443	26.453	-57.757	122.200	37.990	PK
6			5743.055	98.424	60.362	N/A	N/A	38.062	PK

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

FCC ID: 2AJPQM2 Page Number: 201 of 330



Site: AC1	Time: 2016/08/30 - 10:35				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0					



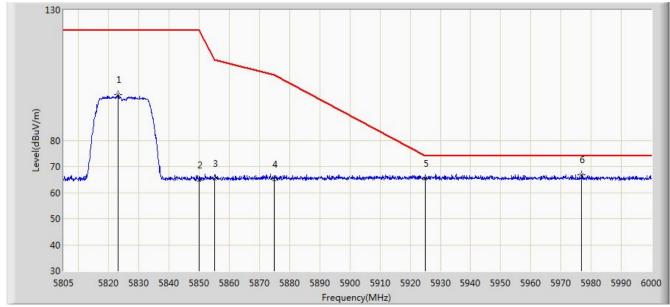
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5828.692	96.430	58.059	N/A	N/A	38.371	PK
2			5850.000	65.118	26.665	-57.082	122.200	38.454	PK
3			5855.000	65.810	27.345	-44.990	110.800	38.465	PK
4			5875.000	65.269	26.772	-39.931	105.200	38.497	PK
5			5925.000	65.686	27.153	-8.314	74.000	38.533	PK
6		*	5966.850	66.804	28.275	-7.196	74.000	38.530	PK

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

FCC ID: 2AJPQM2 Page Number: 202 of 330



Site: AC1	Time: 2016/08/30 - 10:41				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0					



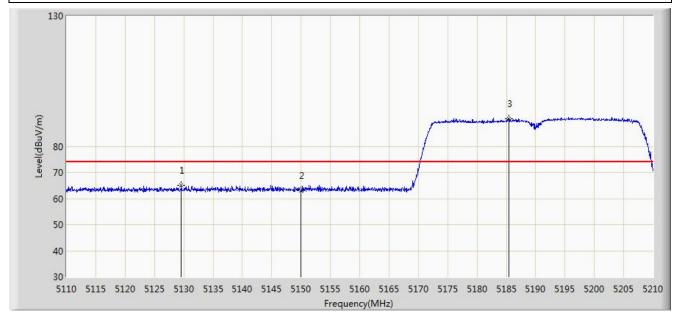
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5823.135	97.595	59.247	N/A	N/A	38.348	PK
2			5850.000	64.890	26.437	-57.310	122.200	38.454	PK
3			5855.000	65.249	26.784	-45.551	110.800	38.465	PK
4			5875.000	65.141	26.644	-40.059	105.200	38.497	PK
5			5925.000	65.480	26.947	-8.520	74.000	38.533	PK
6		*	5976.795	66.827	28.278	-7.173	74.000	38.549	PK

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

FCC ID: 2AJPQM2 Page Number: 203 of 330



Site: AC1	Time: 2016/08/30 - 10:45					
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang					
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal					
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz					
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0						



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5129.600	64.951	27.473	-9.049	74.000	37.478	PK
2			5150.000	63.124	25.672	-10.876	74.000	37.452	PK
3		*	5185.400	90.674	53.314	N/A	N/A	37.360	PK

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

FCC ID: 2AJPQM2 Page Number: 204 of 330



Site: AC1	Time: 2016/08/30 - 10:48					
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang					
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal					
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz					
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0						



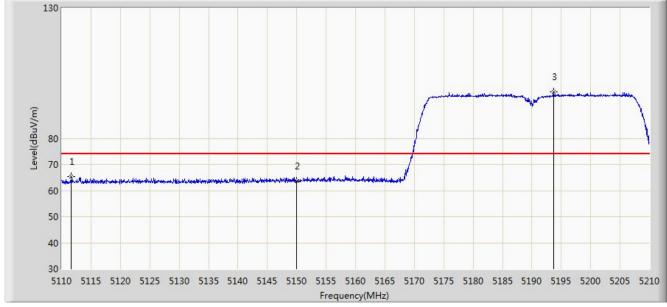
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5150.000	50.595	13.143	-3.405	54.000	37.452	AV
2		*	5195.350	73.656	36.320	N/A	N/A	37.336	AV

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

FCC ID: 2AJPQM2 Page Number: 205 of 330



Site: AC1	Time: 2016/08/30 - 10:49					
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang					
Probe: BBHA9120D_1-18GHz	Polarity: Vertical					
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz					
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0						



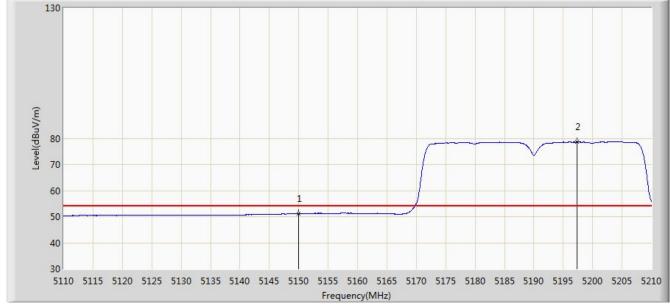
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5111.650	65.470	27.994	-8.530	74.000	37.477	PK
2			5150.000	63.713	26.261	-10.287	74.000	37.452	PK
3		*	5193.750	97.948	60.608	N/A	N/A	37.340	PK

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

FCC ID: 2AJPQM2 Page Number: 206 of 330



Site: AC1	Time: 2016/08/30 - 10:51					
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang					
Probe: BBHA9120D_1-18GHz	Polarity: Vertical					
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz					
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0						



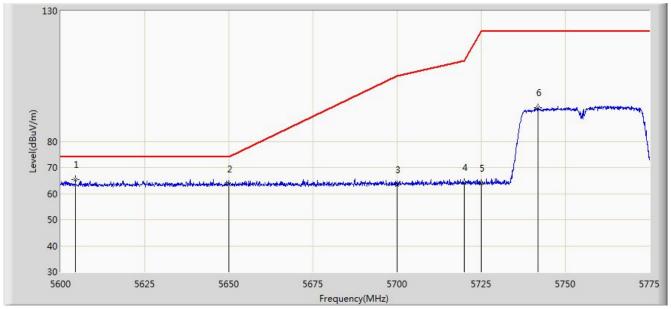
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5150.000	51.103	13.651	-2.897	54.000	37.452	AV
2		*	5197.350	78.609	41.277	N/A	N/A	37.332	AV

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

FCC ID: 2AJPQM2 Page Number: 207 of 330



Site: AC1	Time: 2016/08/30 - 10:53					
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang					
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal					
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz					
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0						



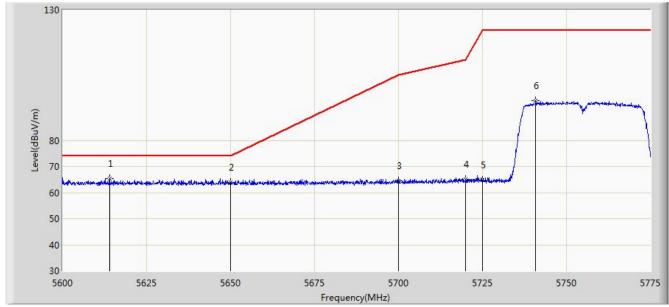
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5604.375	65.276	27.563	-8.724	74.000	37.713	PK
2			5650.000	63.699	25.912	-10.301	74.000	37.787	PK
3			5700.000	63.458	25.566	-41.742	105.200	37.892	PK
4			5720.000	64.069	26.100	-46.731	110.800	37.970	PK
5			5725.000	64.000	26.010	-58.200	122.200	37.990	PK
6			5741.925	92.963	54.905	N/A	N/A	38.058	PK

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

FCC ID: 2AJPQM2 Page Number: 208 of 330



Site: AC1	Time: 2016/08/30 - 10:56					
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang					
Probe: BBHA9120D_1-18GHz	Polarity: Vertical					
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz					
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0						



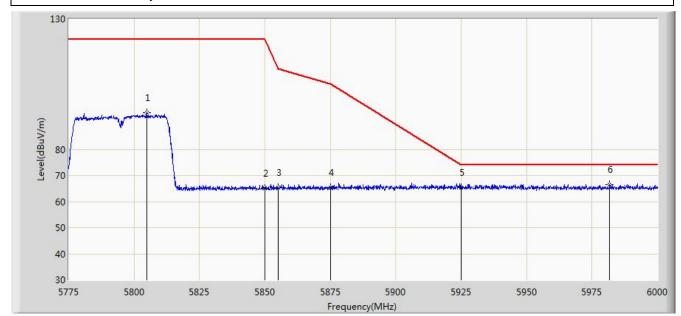
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5614.000	65.252	27.528	-8.748	74.000	37.724	PK
2			5650.000	63.776	25.989	-10.224	74.000	37.787	PK
3			5700.000	64.449	26.557	-40.751	105.200	37.892	PK
4			5720.000	64.955	26.986	-45.845	110.800	37.970	PK
5			5725.000	64.686	26.696	-57.514	122.200	37.990	PK
6			5740.875	95.197	57.143	N/A	N/A	38.054	PK

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

FCC ID: 2AJPQM2 Page Number: 209 of 330



Site: AC1	Time: 2016/08/30 - 10:58					
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang					
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal					
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz					
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0						



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5804.812	94.128	55.850	N/A	N/A	38.279	PK
2			5850.000	65.086	26.633	-57.114	122.200	38.454	PK
3			5855.000	65.270	26.805	-45.530	110.800	38.465	PK
4			5875.000	65.460	26.963	-39.740	105.200	38.497	PK
5			5925.000	65.471	26.938	-8.529	74.000	38.533	PK
6		*	5981.663	66.593	28.035	-7.407	74.000	38.558	PK

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

FCC ID: 2AJPQM2 Page Number: 210 of 330



Site: AC1	Time: 2016/08/30 - 11:01					
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang					
Probe: BBHA9120D_1-18GHz	Polarity: Vertical					
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz					
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0						

Level(dBuV/m) Frequency(MHz)

No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5780.850	94.680	56.483	N/A	N/A	38.197	PK
2			5850.000	65.184	26.731	-57.016	122.200	38.454	PK
3			5855.000	65.848	27.383	-44.952	110.800	38.465	PK
4			5875.000	65.858	27.361	-39.342	105.200	38.497	PK
5			5925.000	65.564	27.031	-8.436	74.000	38.533	PK
6		*	5987.625	67.547	28.976	-6.453	74.000	38.570	PK

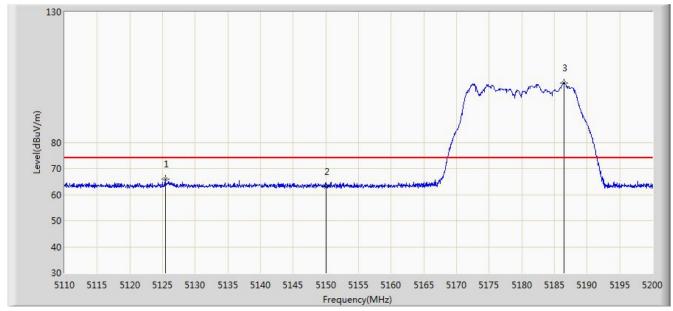
Note: Measure Level ($dB\mu V/m$) = Reading Level ($dB\mu V$) + Factor (dB)

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

FCC ID: 2AJPQM2 Page Number: 211 of 330



Site: AC1	Time: 2016/08/10 - 17:12				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0					



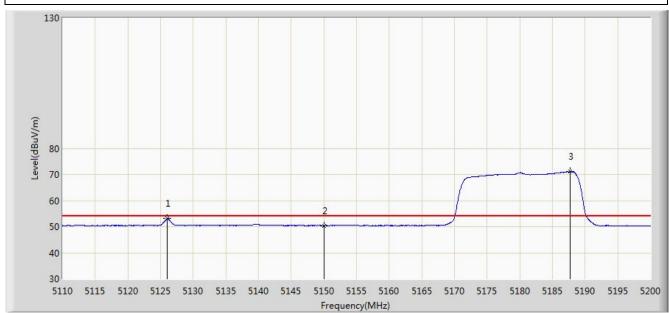
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5125.435	65.842	28.364	-8.158	74.000	37.478	PK
2			5150.000	63.038	25.586	-10.962	74.000	37.452	PK
3		*	5186.410	102.732	65.374	N/A	N/A	37.358	PK

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

FCC ID: 2AJPQM2 Page Number: 212 of 330



Site: AC1	Time: 2016/08/10 - 17:26					
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang					
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal					
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz					
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0						



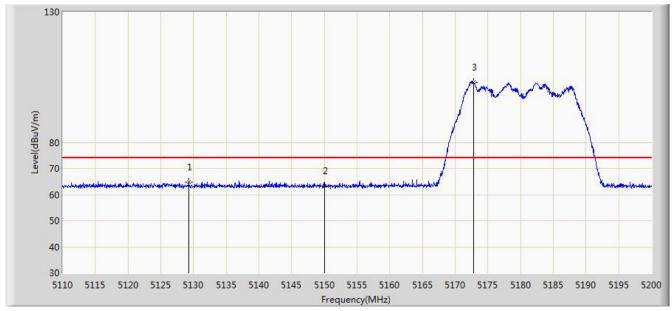
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5126.065	53.254	15.776	-0.746	54.000	37.478	AV
2			5150.000	50.431	12.979	-3.569	54.000	37.452	AV
3		*	5187.760	71.072	33.718	N/A	N/A	37.354	AV

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

FCC ID: 2AJPQM2 Page Number: 213 of 330



Site: AC1	Time: 2016/08/10 - 17:27				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0					



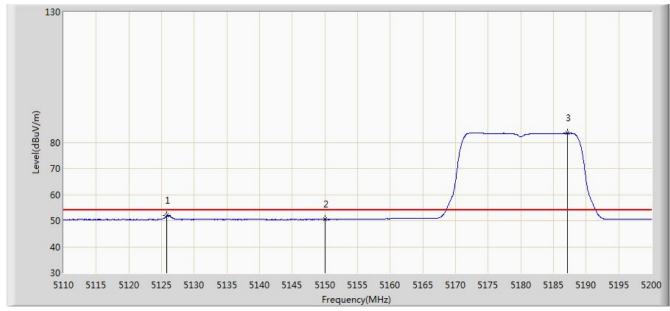
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5129.305	64.820	27.342	-9.180	74.000	37.479	PK
2			5150.000	63.344	25.892	-10.656	74.000	37.452	PK
3		*	5172.820	103.165	65.775	N/A	N/A	37.390	PK

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

FCC ID: 2AJPQM2 Page Number: 214 of 330



Site: AC1	Time: 2016/08/10 - 17:31				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0					



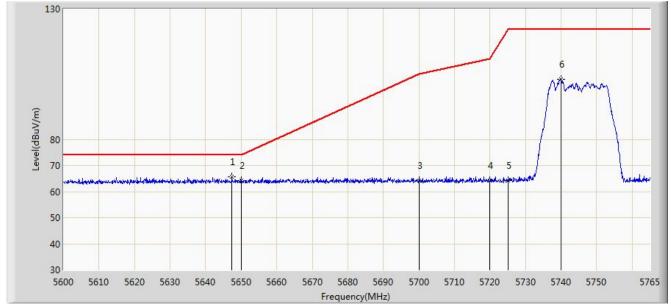
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5125.840	51.970	14.492	-2.030	54.000	37.478	AV
2			5150.000	50.457	13.005	-3.543	54.000	37.452	AV
3		*	5187.130	83.530	46.174	N/A	N/A	37.357	AV

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

FCC ID: 2AJPQM2 Page Number: 215 of 330



Site: AC1	Time: 2016/08/10 - 17:45				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0					



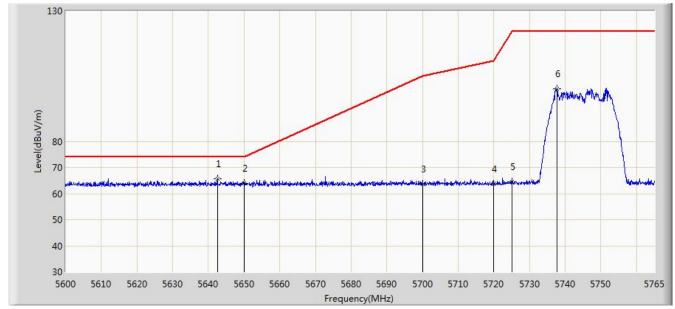
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5647.355	65.778	27.991	-8.222	74.000	37.787	PK
2			5650.000	64.145	26.358	-9.855	74.000	37.787	PK
3			5700.000	64.072	26.180	-41.128	105.200	37.892	PK
4			5720.000	64.187	26.218	-46.613	110.800	37.970	PK
5			5725.000	64.119	26.129	-58.081	122.200	37.990	PK
6	·		5739.920	103.106	65.055	N/A	N/A	38.051	PK

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

FCC ID: 2AJPQM2 Page Number: 216 of 330



Site: AC1	Time: 2016/08/10 - 17:48				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0					



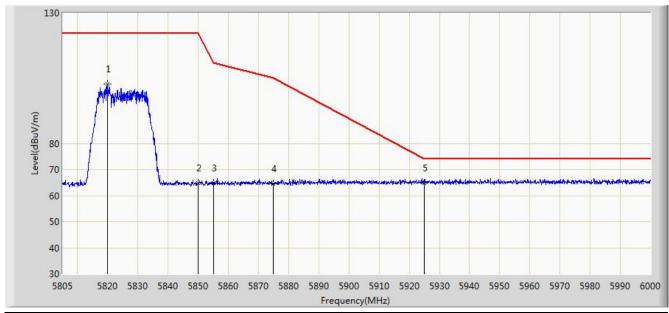
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5642.570	65.650	27.865	-8.350	74.000	37.786	PK
2			5650.000	63.815	26.028	-10.185	74.000	37.787	PK
3			5700.000	63.766	25.874	-41.434	105.200	37.892	PK
4			5720.000	63.761	25.792	-47.039	110.800	37.970	PK
5			5725.000	64.435	26.445	-57.765	122.200	37.990	PK
6			5737.775	100.074	62.032	N/A	N/A	38.042	PK

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

FCC ID: 2AJPQM2 Page Number: 217 of 330



Site: AC1	Time: 2016/08/10 - 17:54				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0					



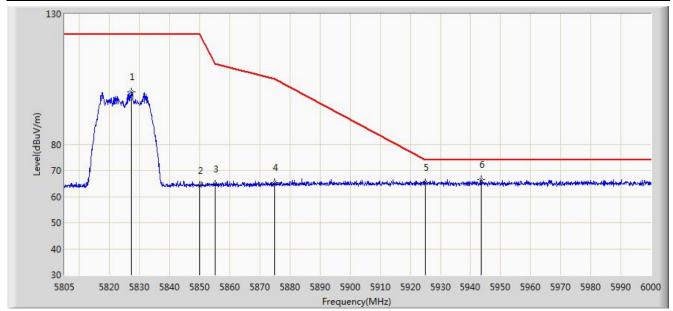
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5819.820	102.761	64.427	N/A	N/A	38.334	PK
2			5850.000	64.748	26.295	-57.452	122.200	38.454	PK
3			5855.000	64.653	26.188	-46.147	110.800	38.465	PK
4			5875.000	64.600	26.103	-40.600	105.200	38.497	PK
5		*	5925.000	64.674	26.141	-9.326	74.000	38.533	PK

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

FCC ID: 2AJPQM2 Page Number: 218 of 330



Site: AC1	Time: 2016/08/10 - 17:56				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0					



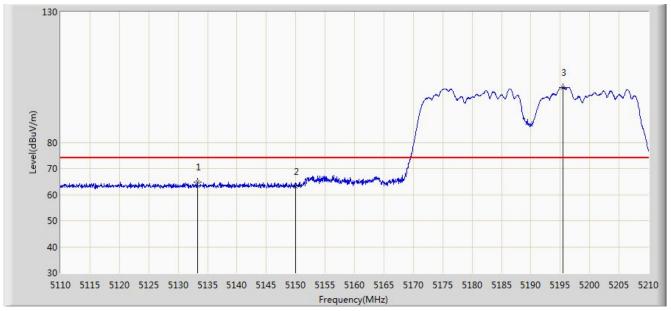
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5827.132	100.170	61.806	N/A	N/A	38.364	PK
2			5850.000	64.159	25.706	-58.041	122.200	38.454	PK
3			5855.000	64.873	26.408	-45.927	110.800	38.465	PK
4			5875.000	65.362	26.865	-39.838	105.200	38.497	PK
5			5925.000	65.259	26.726	-8.741	74.000	38.533	PK
6		*	5943.645	66.559	28.051	-7.441	74.000	38.509	PK

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

FCC ID: 2AJPQM2 Page Number: 219 of 330



Site: AC1	Time: 2016/08/10 - 17:59				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0					



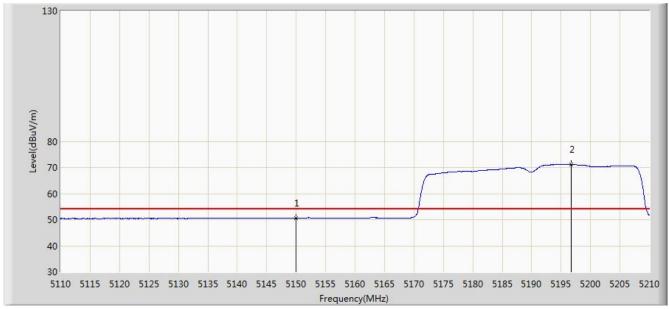
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5133.250	64.876	27.400	-9.124	74.000	37.477	PK
2			5150.000	63.124	25.672	-10.876	74.000	37.452	PK
3		*	5195.500	101.125	63.789	N/A	N/A	37.336	PK

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

FCC ID: 2AJPQM2 Page Number: 220 of 330



Site: AC1	Time: 2016/08/10 - 18:02				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0					



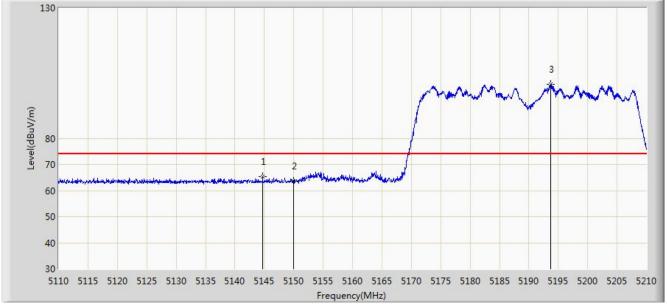
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5150.000	50.536	13.084	-3.464	54.000	37.452	AV
2		*	5196.750	71.183	33.850	N/A	N/A	37.333	AV

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

FCC ID: 2AJPQM2 Page Number: 221 of 330



Site: AC1	Time: 2016/08/10 - 18:03				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0					



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5144.700	65.327	27.867	-8.673	74.000	37.460	PK
2			5150.000	63.527	26.075	-10.473	74.000	37.452	PK
3		*	5193.700	100.585	63.245	N/A	N/A	37.340	PK

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

FCC ID: 2AJPQM2 Page Number: 222 of 330



Site: AC1	Time: 2016/08/10 - 18:06				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0					

130 80 50 40 30 5110 5115 5120 5125 5130 5135 5140 5145 5150 5155 5160 5165 5170 5175 5180 5185 5190 5195 5200 5205 5210 Frequency(MHz)

No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5150.000	50.924	13.472	-3.076	54.000	37.452	AV
2		*	5197.250	79.785	42.453	N/A	N/A	37.331	AV

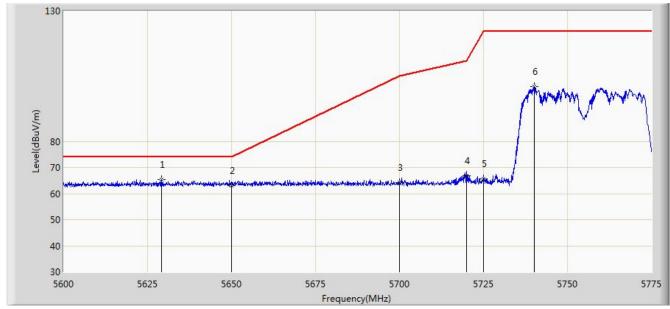
Note: Measure Level $(dB\mu V/m)$ = Reading Level $(dB\mu V)$ + Factor (dB)

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

FCC ID: 2AJPQM2 Page Number: 223 of 330



Site: AC1	Time: 2016/08/10 - 18:21				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0					



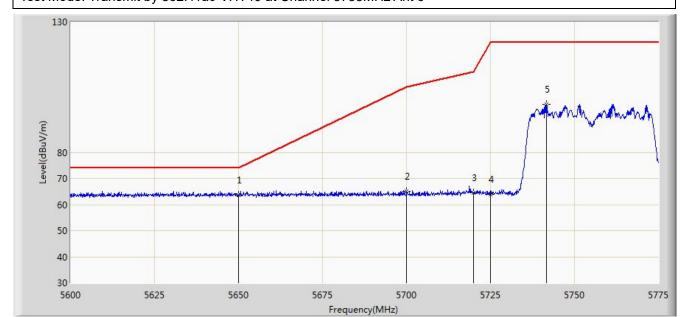
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5629.225	65.464	27.709	-8.536	74.000	37.755	PK
2			5650.000	63.146	25.359	-10.854	74.000	37.787	PK
3			5700.000	64.340	26.448	-40.860	105.200	37.892	PK
4			5720.000	66.725	28.756	-44.075	110.800	37.970	PK
5			5725.000	65.584	27.594	-56.616	122.200	37.990	PK
6			5740.087	100.878	62.827	N/A	N/A	38.051	PK

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

FCC ID: 2AJPQM2 Page Number: 224 of 330



Site: AC1	Time: 2016/08/10 - 18:24					
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang					
Probe: BBHA9120D_1-18GHz	Polarity: Vertical					
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz					
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0						



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5650.000	63.524	25.737	-10.476	74.000	37.787	PK
2			5700.000	65.031	27.139	-40.169	105.200	37.892	PK
3			5720.000	64.453	26.484	-46.347	110.800	37.970	PK
4	·		5725.000	64.048	26.058	-58.152	122.200	37.990	PK
5			5741.575	98.393	60.336	N/A	N/A	38.057	PK

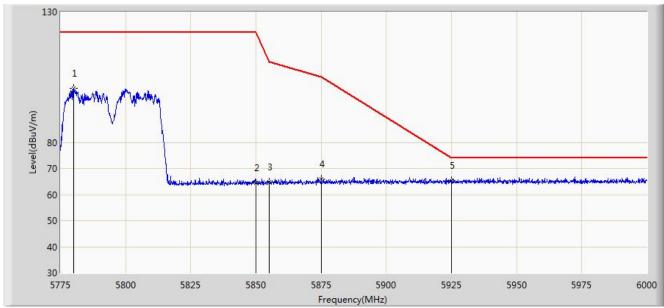
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

FCC ID: 2AJPQM2 Page Number: 225 of 330



Site: AC1	Time: 2016/08/10 - 18:27				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0					

Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5780.175	100.612	62.417	N/A	N/A	38.195	PK
2			5850.000	64.449	25.996	-57.751	122.200	38.454	PK
3			5855.000	64.921	26.456	-45.879	110.800	38.465	PK
4	·		5875.000	65.887	27.390	-39.313	105.200	38.497	PK
5		*	5925.000	65.240	26.707	-8.760	74.000	38.533	PK

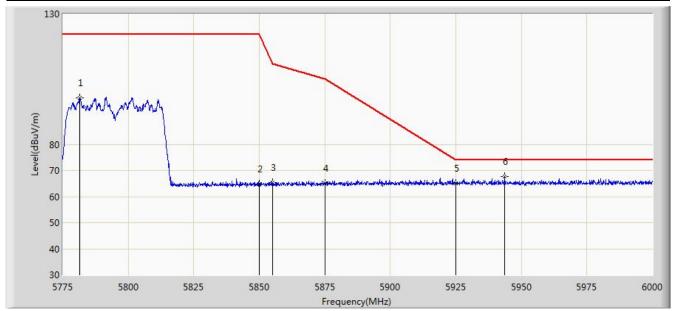
Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

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

FCC ID: 2AJPQM2 Page Number: 226 of 330



Site: AC1	Time: 2016/08/10 - 18:29				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0					



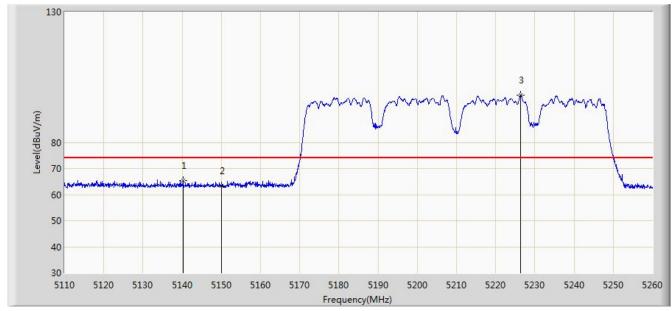
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5781.525	97.897	59.697	N/A	N/A	38.200	PK
2			5850.000	64.771	26.318	-57.429	122.200	38.454	PK
3			5855.000	65.255	26.790	-45.545	110.800	38.465	PK
4			5875.000	65.079	26.582	-40.121	105.200	38.497	PK
5			5925.000	65.141	26.608	-8.859	74.000	38.533	PK
6		*	5943.638	67.724	29.216	-6.276	74.000	38.509	PK

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

FCC ID: 2AJPQM2 Page Number: 227 of 330



Site: AC1	Time: 2016/08/10 - 18:34				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode:Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0					



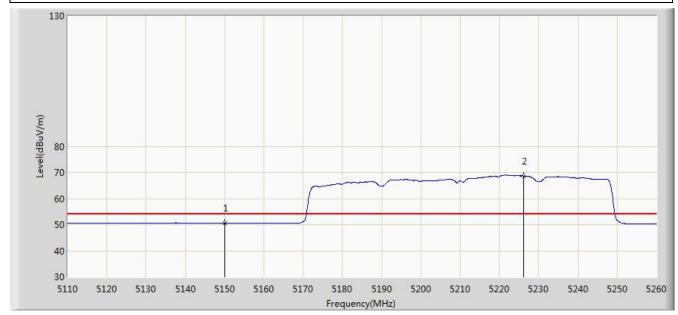
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5140.225	65.410	27.943	-8.590	74.000	37.467	PK
2			5150.000	63.275	25.823	-10.725	74.000	37.452	PK
3		*	5226.400	98.195	60.947	N/A	N/A	37.249	PK

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

FCC ID: 2AJPQM2 Page Number: 228 of 330



Site: AC1	Time: 2016/08/10 - 18:41				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode:Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0					



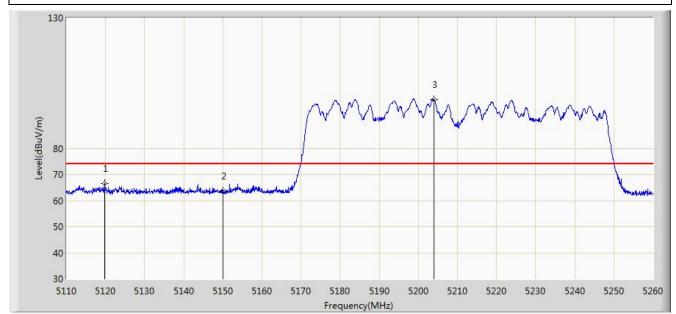
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5150.000	50.491	13.039	-3.509	54.000	37.452	AV
2		*	5226.100	68.663	31.414	N/A	N/A	37.249	AV

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

FCC ID: 2AJPQM2 Page Number: 229 of 330



Site: AC1	Time: 2016/08/10 - 18:49				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode:Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0					



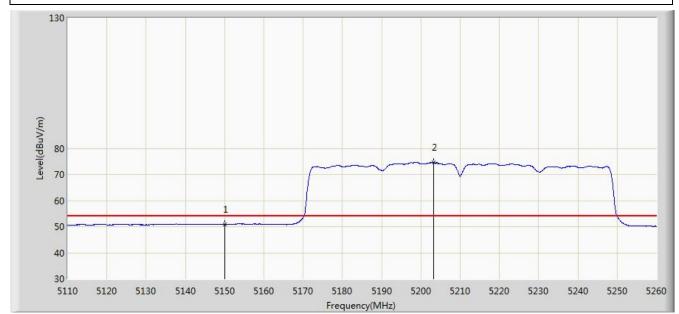
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5119.825	66.561	29.083	-7.439	74.000	37.478	PK
2			5150.000	63.575	26.123	-10.425	74.000	37.452	PK
3		*	5203.900	98.809	61.498	N/A	N/A	37.311	PK

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

FCC ID: 2AJPQM2 Page Number: 230 of 330



Site: AC1	Time: 2016/08/10 - 18:50				
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode:Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0					



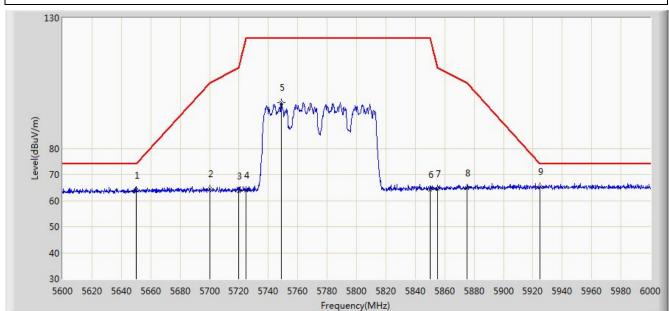
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5150.000	50.781	13.329	-3.219	54.000	37.452	AV
2		*	5203.225	74.507	37.194	N/A	N/A	37.313	AV

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

FCC ID: 2AJPQM2 Page Number: 231 of 330



Site: AC1	Time: 2016/08/10 - 19:08				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0					



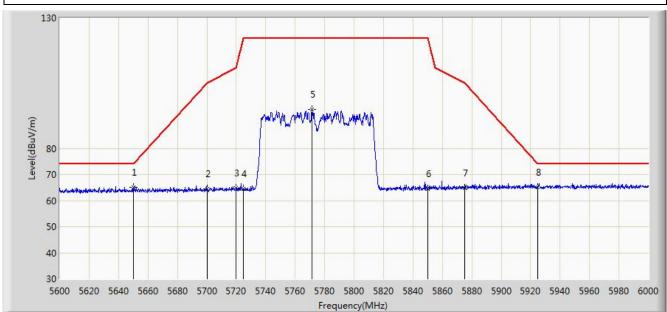
No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1			5650.000	63.953	26.166	-10.047	74.000	37.787	PK
2			5700.000	64.387	26.495	-40.813	105.200	37.892	PK
3			5720.000	63.747	25.778	-47.053	110.800	37.970	PK
4			5725.000	63.831	25.841	-58.369	122.200	37.990	PK
5			5749.000	97.624	59.533	N/A	N/A	38.091	PK
6			5850.000	64.286	25.833	-57.914	122.200	38.454	PK
7			5855.000	64.364	25.899	-46.436	110.800	38.465	PK
8			5875.000	64.926	26.429	-40.274	105.200	38.497	PK
9		*	5925.000	65.358	26.825	-8.642	74.000	38.533	PK

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

FCC ID: 2AJPQM2 Page Number: 232 of 330



Site: AC1	Time: 2016/08/10 - 19:11				
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang				
Probe: BBHA9120D_1-18GHz	Polarity: Vertical				
EUT: Deepoon VR All-In-One Headset	Power: AC 120V/60Hz				
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0					



No	Flag	Mark	Frequency	Measure	Reading	Over Limit	Limit	Factor	Туре
			(MHz)	Level	Level	(dB)	(dBuV/m)	(dB)	
				(dBuV/m)	(dBuV)				
1		*	5650.000	65.095	27.308	-8.905	74.000	37.787	PK
2			5700.000	64.510	26.618	-40.690	105.200	37.892	PK
3			5720.000	64.832	26.863	-45.968	110.800	37.970	PK
4			5725.000	64.581	26.591	-57.619	122.200	37.990	PK
5			5771.400	94.850	56.681	N/A	N/A	38.170	PK
6			5850.000	64.394	25.941	-57.806	122.200	38.454	PK
7			5875.000	64.855	26.358	-40.345	105.200	38.497	PK
8			5925.000	65.020	26.487	-8.980	74.000	38.533	PK

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

FCC ID: 2AJPQM2 Page Number: 233 of 330