

## Test data reuse for FCC ID:ACQ-VAP3400

Date: 2016/7/6

### Variation

FCC ID: ACQ-VAP3400 / ACQ-VAP3402 use the same internal printed circuit board and difference is based on depopulation of components of Ethernet portion.

### Items of Test data reuse

Test results as below are leveraged from FCC ID: ACQ-VAP3402

Test data of FCC ID: ACQ-VAP3400		
Test Item	Tested	Leveraged from ACQ-VAP3402
AC Power line conducted emission	O	X
Radiated emission below 1GHz	O	X
Radiated emission above 1GHz	X	O
Antenna port conducted	X	O

### Worst case verification

FCC ID: ACQ-VAP3400 has been performed test under worst case in FCC ID: ACQ-VAP3402 and the results are equivalent

Best regards



Gary Chang / Manager

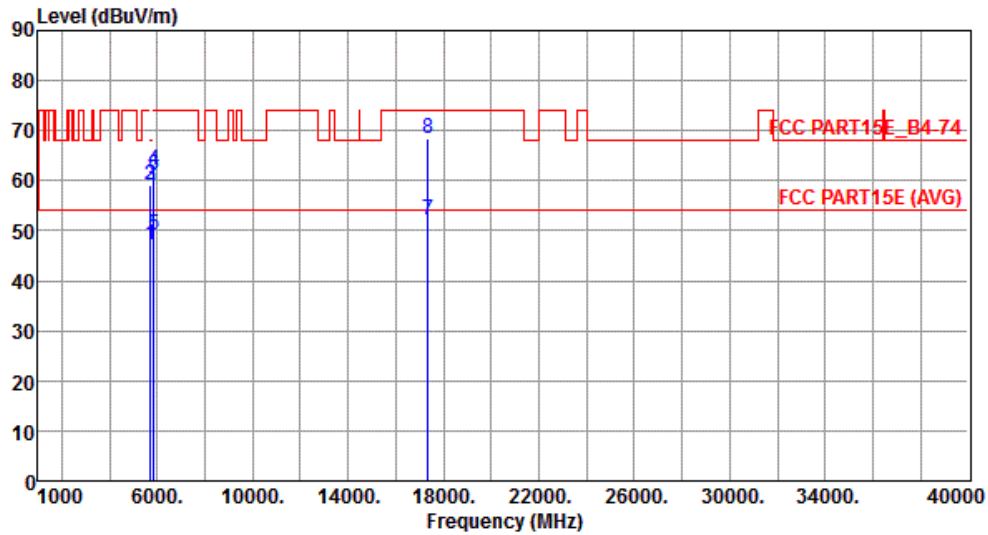
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## Worst case verification

<b>Modulation</b>	VHT20 / Non-Beamforming	<b>Test Freq. (MHz)</b>	5785
<b>Polarization</b>	Horizontal		



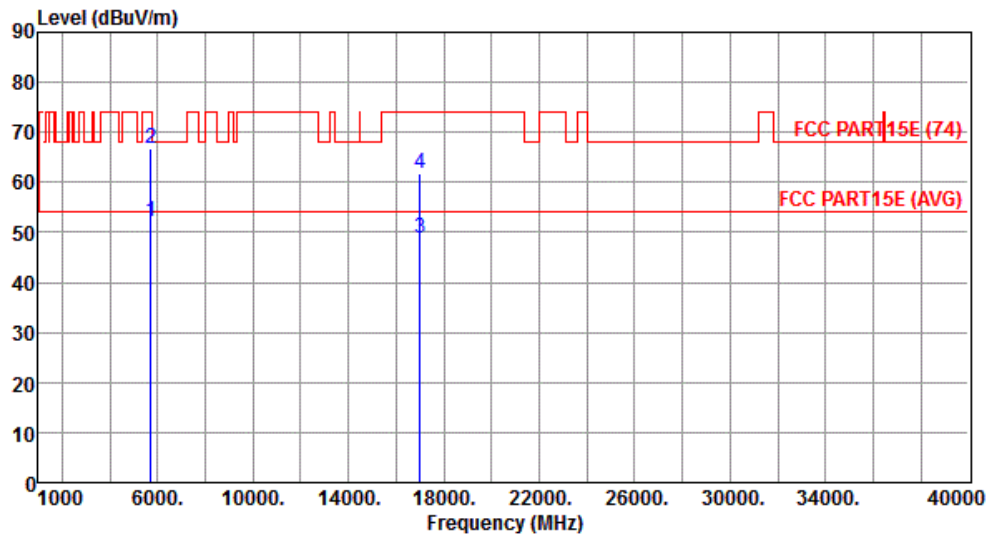
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5715.00	47.10	54.00	-6.90	42.00	5.10	Average	266	153
2	5715.00	59.00	74.00	-15.00	53.90	5.10	Peak	266	153
3	5725.00	59.20	78.20	-19.00	54.11	5.09	Peak	266	153
4	5850.00	62.00	78.20	-16.20	56.74	5.26	Peak	266	153
5	5860.00	49.10	54.00	-4.90	43.83	5.27	Average	266	153
6	5860.00	61.00	74.00	-13.00	55.73	5.27	Peak	266	153
7	17355.00	52.10	54.00	-1.90	32.89	19.21	Average	222	132
8	17355.00	68.30	74.00	-5.70	49.09	19.21	Peak	222	132

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

<b>Modulation</b>	VHT40 / Beamforming	<b>Test Freq. (MHz)</b>	5670
<b>Polarization</b>	Vertical		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5725.00	52.30	54.00	-1.70	47.21	5.09	Average	182	199
2	5725.00	66.90	74.00	-7.10	61.81	5.09	Peak	182	199
3	17010.00	48.70	54.00	-5.30	30.45	18.25	Average	164	117
4	17010.00	61.90	74.00	-12.10	43.65	18.25	Peak	164	117

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)  
 \*Factor includes antenna factor , cable loss and amplifier gain  
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).