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

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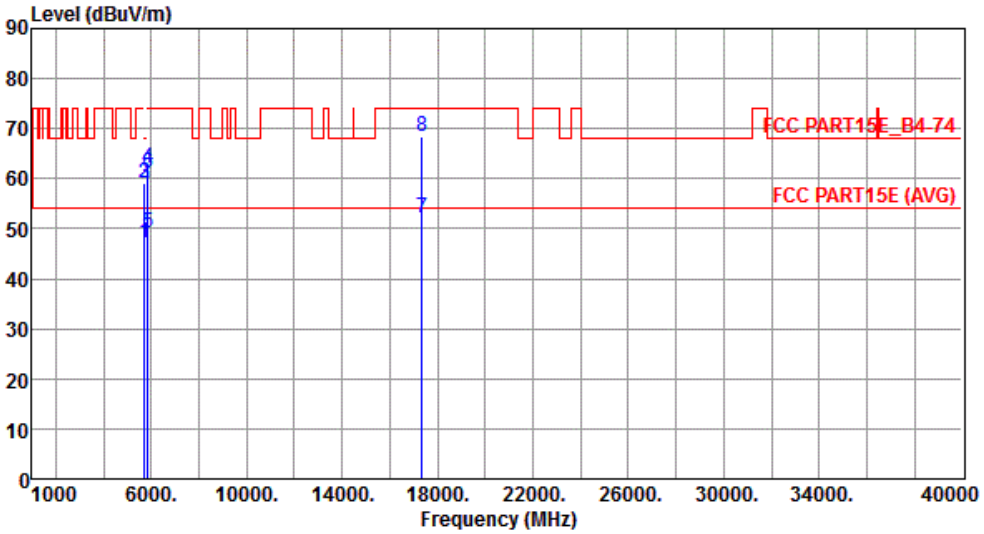
Worst case verification

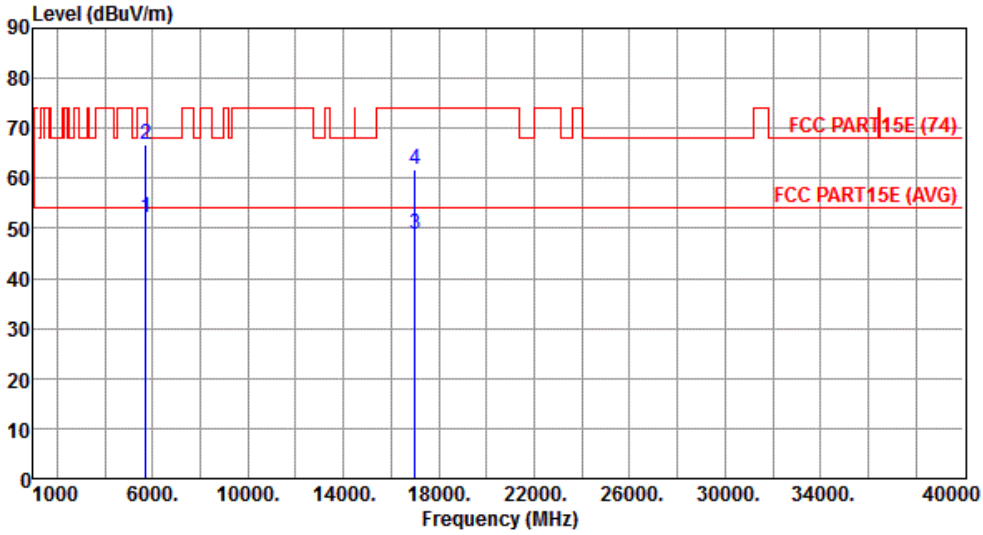
Modulation	VHT20 / Non-Beamforming	Test Freq. (MHz)	5785
Polarization	Horizontal		



	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).

Modulation	VHT40 / Beamforming	**Test Freq. (MHz)**	5670
Polarization	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).