



## Co-location Report

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**FCC ID:** Q9DAPIN0318

**APPLICANT:** Hewlett Packard Enterprise Company

**Application Type:** Certification

**Product:** ACCESS POINT

**Model No.:** APIN0318

**Brand Name:**  

**FCC Classification:** Digital Transmission System (DTS)  
 Unlicensed National Information Infrastructure (UNII)

**Test Date:** August 05 ~ October 17, 2017

Reviewed By : *Paddy Chen*  
 ( Paddy Chen )

Approved By : *Chenz Ker*  
 ( Chenz Ker )



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2013. Test results reported herein relate only to the item(s) tested.

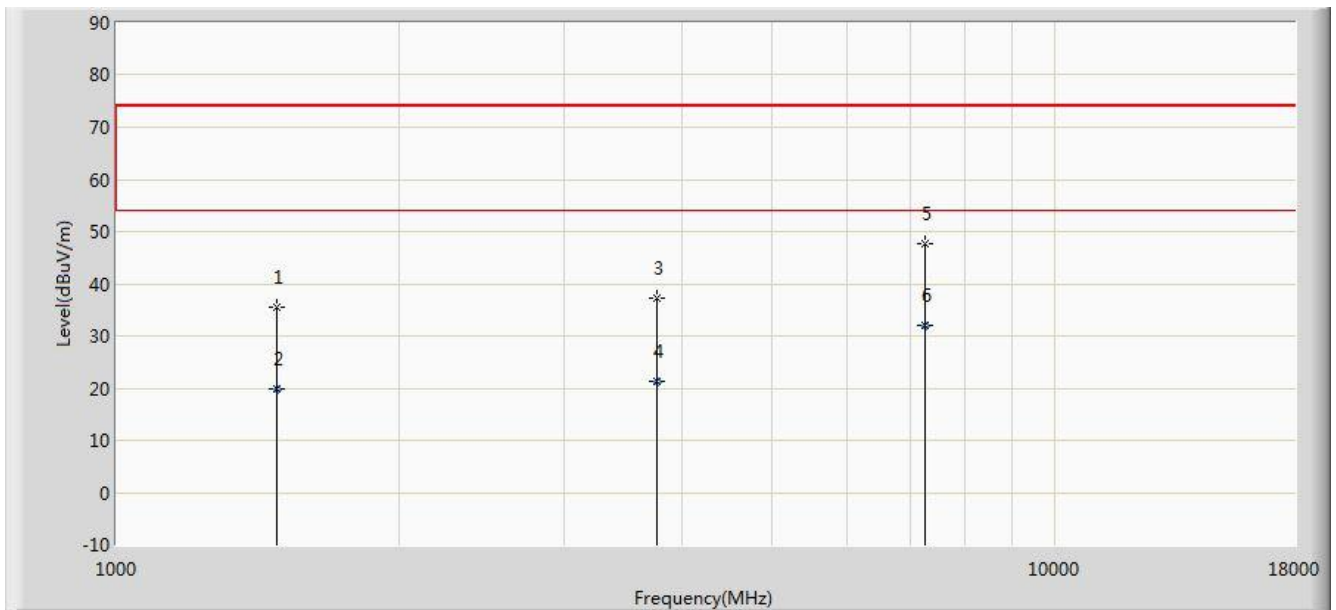
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## Revision History

Report No.	Version	Description	Issue Date	Note
1710TW0107-U4	Rev. 01	Initial report	10-17-2017	Valid

## 1. TEST RESULT of Radiated Emissions for Co-located

Test Mode:	2.4GHz, 5GHz Wi-Fi + BLE Transmit	Test Site:	AC1
Test Engineer:	Kevin	Polarity:	Horizontal
Antenna Type:	2.4GHz Omni Antenna (M/N: AP-ANT-40) 5GHz Omni Antenna (M/N: AP-ANT-19)		
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1484.500	35.513	41.088	-38.487	74.000	-5.575	PK
2			1485.000	19.770	25.346	-34.230	54.000	-5.576	AV
3			3762.500	37.227	37.009	-36.773	74.000	0.217	PK
4			3763.580	21.269	21.050	-32.731	54.000	0.219	AV
5			7256.000	47.786	35.547	-26.214	74.000	12.239	PK
6		*	7258.300	31.989	19.746	-22.011	54.000	12.243	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

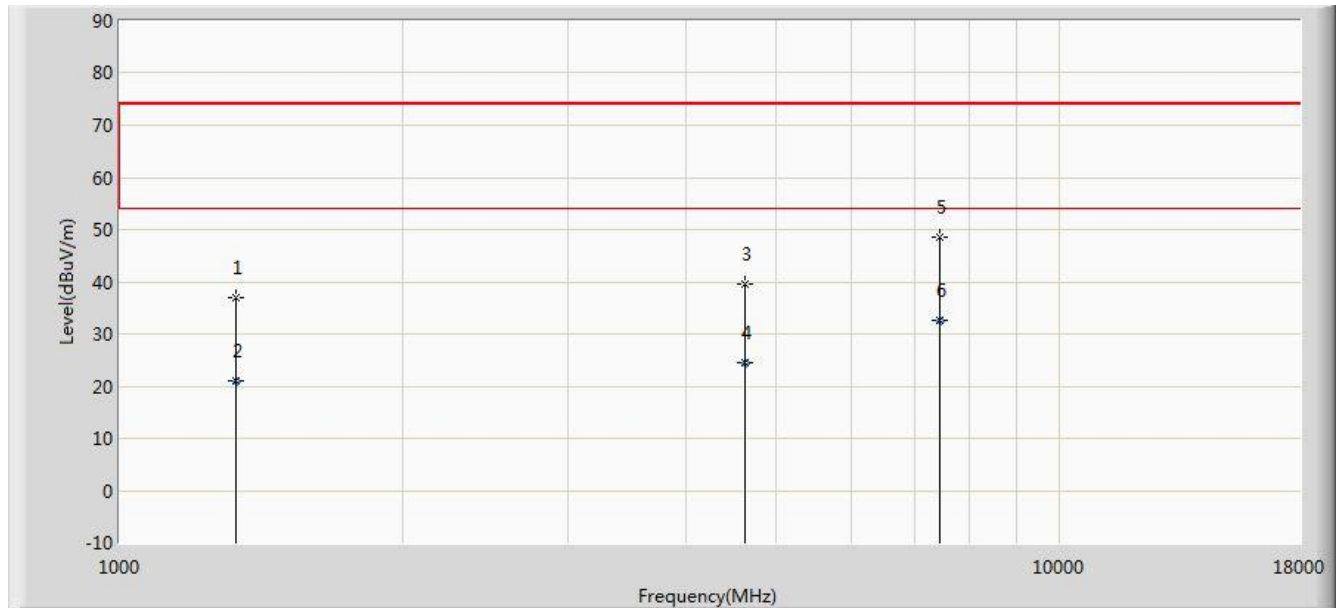
Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

Note 3: 2.4GHz Wi-Fi 802.11b Channel 2412MHz Power setting = 22.0;

5GHz Wi-Fi 802.11ac-VHT20 Channel 5785MHz Power setting = 22.5;

2.4GHz Bluetooth LE channel 2402MHz Power setting = 4.0;

Test Mode:	2.4GHz, 5GHz Wi-Fi + BLE Transmit	Test Site:	AC1
Test Engineer:	Kevin	Polarity:	Vertical
Antenna Type:	2.4GHz Omni Antenna (M/N: AP-ANT-40) 5GHz Omni Antenna (M/N: AP-ANT-19)		
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	1331.500	37.060	42.481	-36.940	74.000	-5.421	PK
2			1332.000	21.062	26.480	-32.938	54.000	-5.418	AV
3			4629.500	39.589	36.284	-34.411	74.000	3.305	PK
4			4629.885	24.446	21.140	-29.554	54.000	3.306	AV
5			7443.000	48.550	35.822	-25.450	74.000	12.728	PK
6			7443.580	32.620	19.890	-21.380	54.000	12.730	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

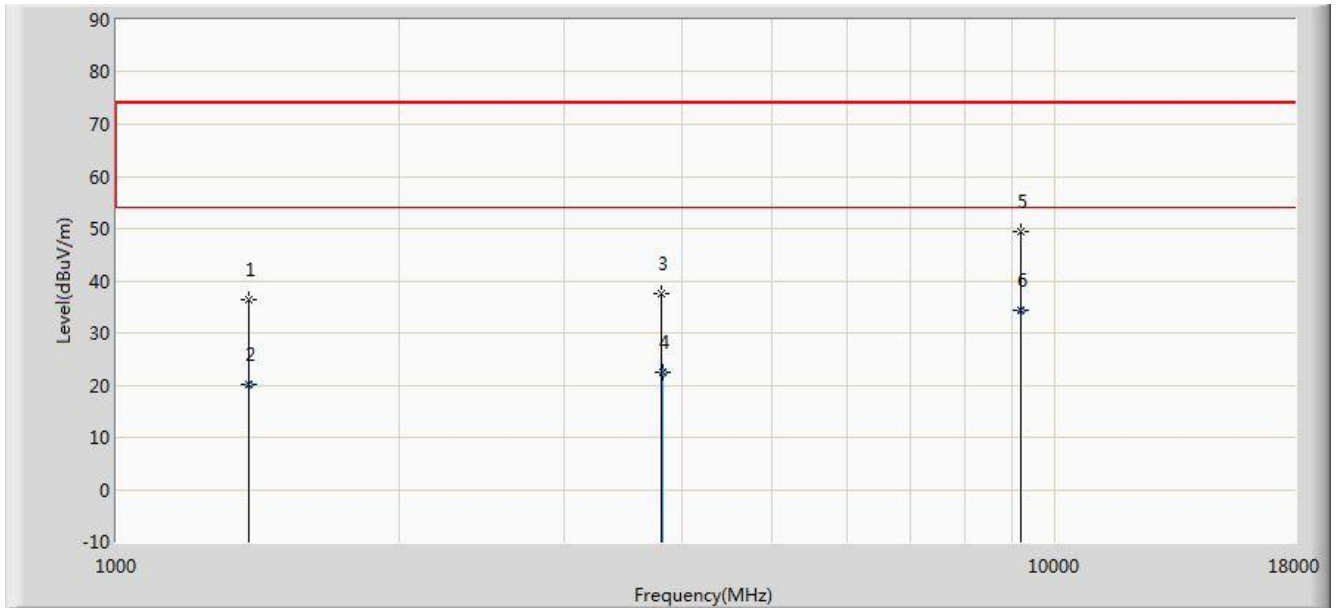
Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

Note 3: 2.4GHz Wi-Fi 802.11b Channel 2412MHz Power setting = 22.0;

5GHz Wi-Fi 802.11ac-VHT20 Channel 5785MHz Power setting = 22.5;

2.4GHz Bluetooth LE channel 2402MHz Power setting = 4.0;

Test Mode:	2.4GHz, 5GHz Wi-Fi + BLE Transmit	Test Site:	AC1
Test Engineer:	Kevin	Polarity:	Horizontal
Antenna Type:	Directional Antenna (M/N: AP-ANT-48)		
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1382.500	36.260	41.731	-37.740	74.000	-5.471	PK
2			1383.500	20.195	25.670	-33.805	54.000	-5.476	AV
3			3813.500	37.584	37.325	-36.416	74.000	0.258	PK
4			3814.220	22.330	22.070	-31.670	54.000	0.259	AV
5			9194.000	49.402	34.654	-24.598	74.000	14.748	PK
6		*	9195.000	34.299	19.550	-19.701	54.000	14.748	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

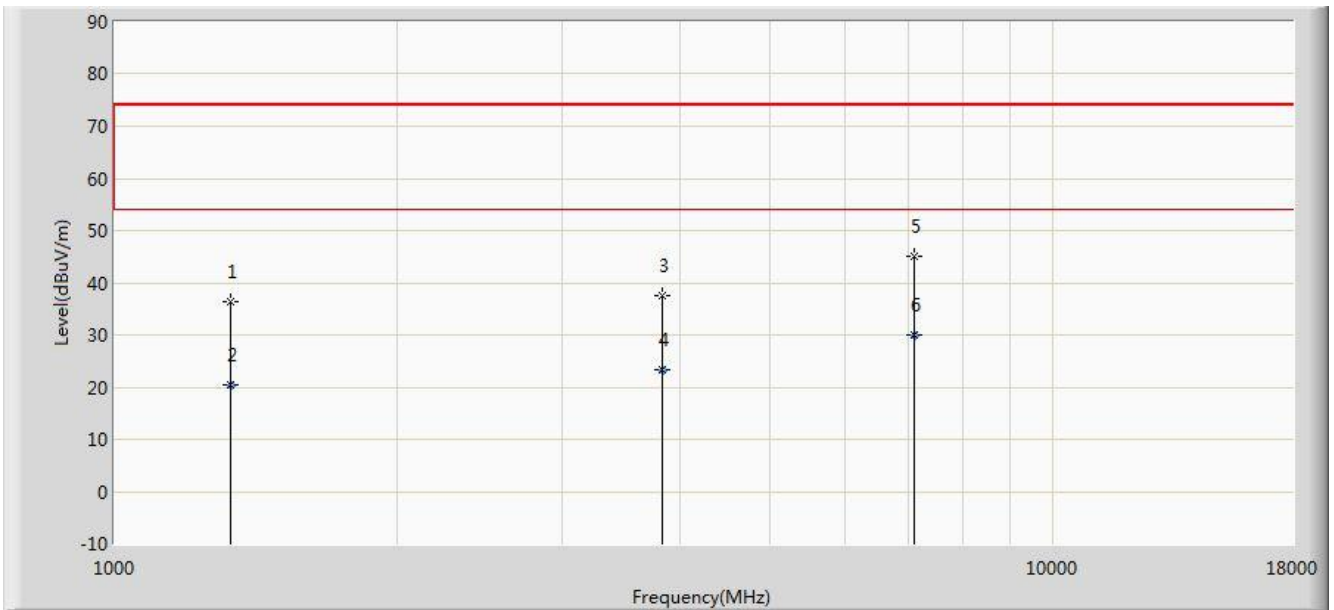
Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

Note 3: 2.4GHz Wi-Fi 802.11b Channel 2462MHz Power setting = 22.0;

5GHz Wi-Fi 802.11ac-VHT80 Channel 5775MHz Power setting = 20.5;

2.4GHz Bluetooth LE channel 2402MHz Power setting = 4.0;

Test Mode:	2.4GHz, 5GHz Wi-Fi + BLE Transmit	Test Site:	AC1
Test Engineer:	Kevin	Polarity:	Vertical
Antenna Type:	Directional Antenna (M/N: AP-ANT-48)		
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	1331.500	36.304	41.725	-37.696	74.000	-5.421	PK
2			1332.000	20.532	25.950	-33.468	54.000	-5.418	AV
3			3830.500	37.424	37.144	-36.576	74.000	0.280	PK
4			3831.500	23.291	23.010	-30.709	54.000	0.281	AV
5			7111.500	45.111	33.562	-28.889	74.000	11.548	PK
6			7112.000	29.925	18.373	-24.075	54.000	11.553	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

Note 3: 2.4GHz Wi-Fi 802.11b Channel 2462MHz Power setting = 22.0;

5GHz Wi-Fi 802.11ac-VHT80 Channel 5775MHz Power setting = 20.5;

2.4GHz Bluetooth LE channel 2402MHz Power setting = 4.0;

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