Co-location Report

IC:	Q9DAPIN0318
APPLICANT:	Hewlett Packard Enterprise Company
Application Type:	Class III Permissive Change
Product:	ACCESS POINT
Model No.:	APIN0318
Brand Name:	aruba a Hewlett Packard Enterprise company , Hewlett Packard Enterprise
IC Rule Part(s):	RSS-247 Issue 2, RSS-GEN Issue 4
Test Date:	February 01 ~ March 22, 2018

Reviewed By : Paddy Chen
(Paddy Chen)

Approved By : Chenz Ker
(Chenz Ker)

Testing Laboratory
3261

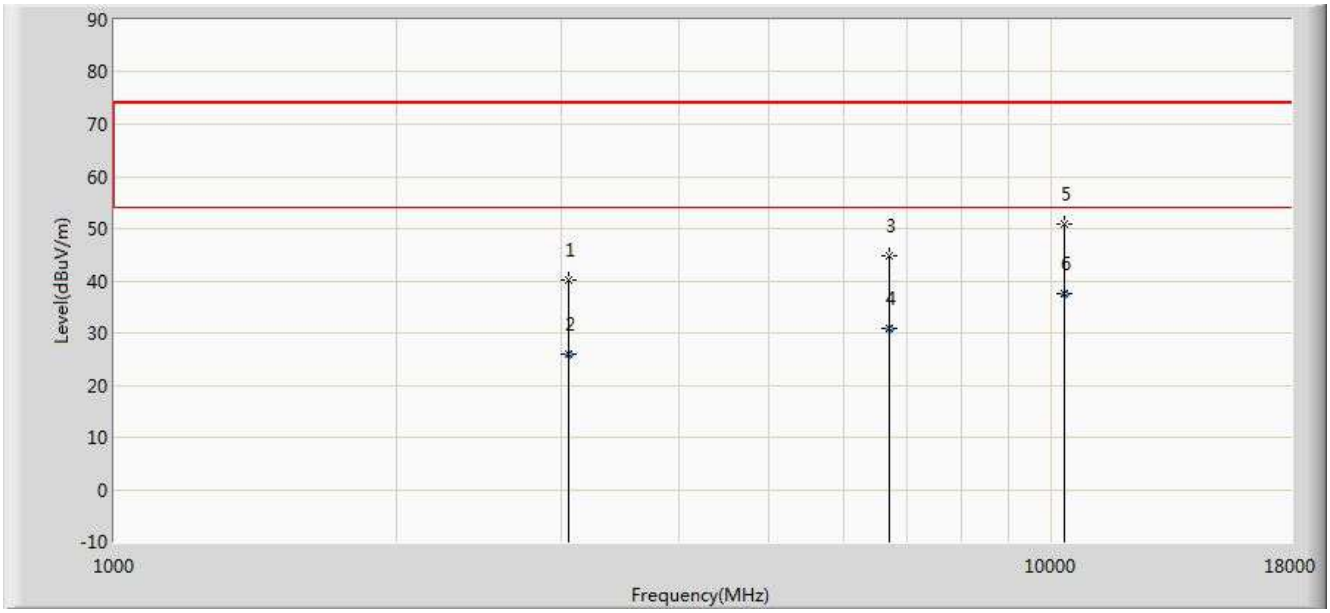
The test results relate only to the samples tested.
This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2013. Test results reported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

Revision History

Report No.	Version	Description	Issue Date	Note
1710TW0107-C8	Rev. 01	Initial Report	03-24-2018	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:	Omni Antenna (M/N: AP-ANT-20W)		
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			3057.000	40.271	39.296	-33.729	74.000	0.975	PK
2			3057.000	25.875	24.900	-28.125	54.000	0.975	AV
3			6703.500	44.864	34.740	-29.136	74.000	10.123	PK
4			6703.500	30.924	20.800	-23.076	54.000	10.123	AV
5			10307.500	50.877	33.559	-23.123	74.000	17.318	PK
6		*	10307.510	37.618	20.300	-16.382	54.000	17.318	AV

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

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

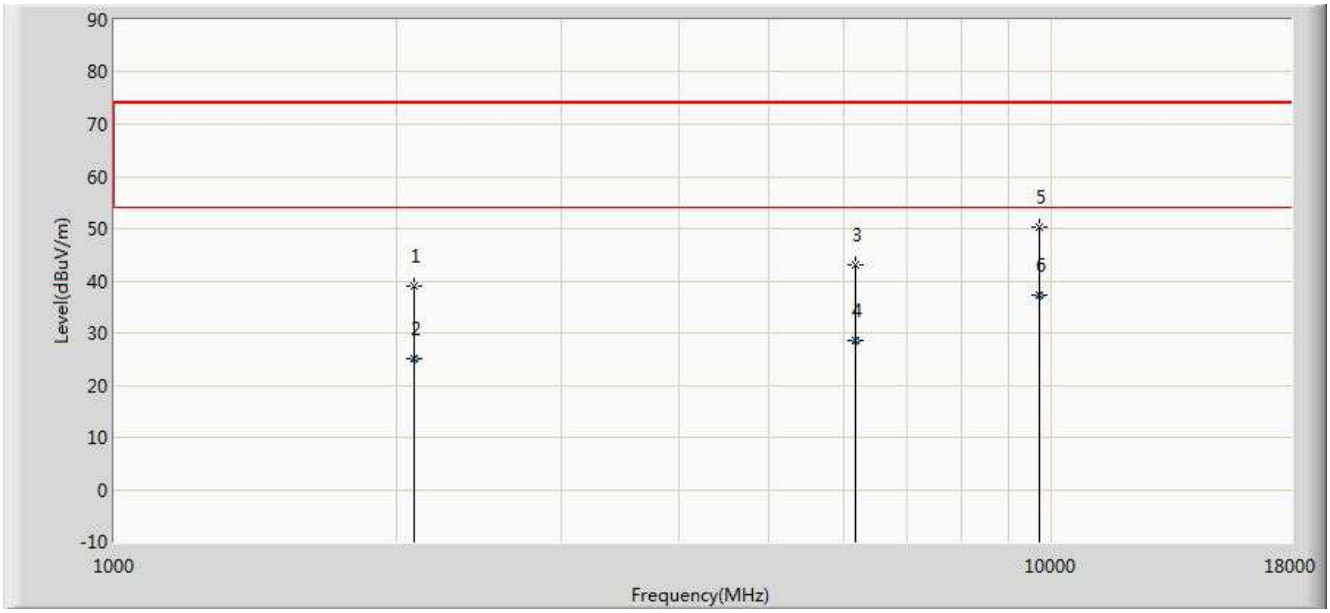
Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

Note 3: 2.4GHz Wi-Fi 802.11n-HT20 Channel 2462MHz Power setting = 22.0；

5GHz Wi-Fi 802.11ac-VHT20 Channel 5785MHz Power setting = 22.0;

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:	Omni Antenna (M/N: AP-ANT-20W)		
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			2088.000	38.922	40.680	-35.078	74.000	-1.758	PK
2			2088.000	25.042	26.800	-28.958	54.000	-1.758	AV
3			6185.000	42.998	34.693	-31.002	74.000	8.305	PK
4			6185.160	28.406	20.100	-25.594	54.000	8.305	AV
5			9712.500	50.153	34.571	-23.847	74.000	15.582	PK
6		*	9712.500	37.182	21.600	-16.818	54.000	15.582	AV

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

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

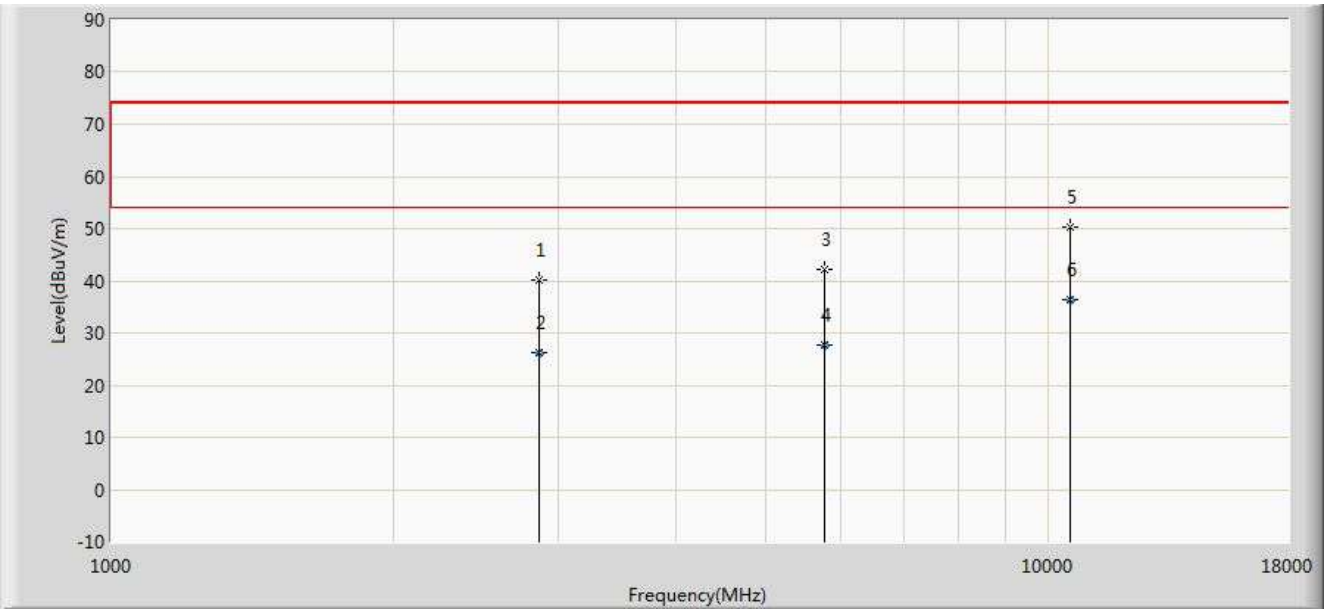
Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

Note 3: 2.4GHz Wi-Fi 802.11n-HT20 Channel 2462MHz Power setting = 22.0；

5GHz Wi-Fi 802.11ac-VHT20 Channel 5785MHz Power setting = 22.0;

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:	2.4GHz Directional Antenna (M/N: ANT-2x2-2314) 5GHz Directional Antenna (M/N: ANT-2x2-5314)		
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			2861.500	40.023	39.556	-33.977	74.000	0.467	PK
2			2861.500	26.367	25.900	-27.633	54.000	0.467	AV
3			5777.000	42.115	34.642	-31.885	74.000	7.473	PK
4			5777.180	27.674	20.200	-26.326	54.000	7.474	AV
5			10554.000	50.242	32.555	-23.758	74.000	17.687	PK
6		*	10554.000	36.287	18.600	-17.713	54.000	17.687	AV

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

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

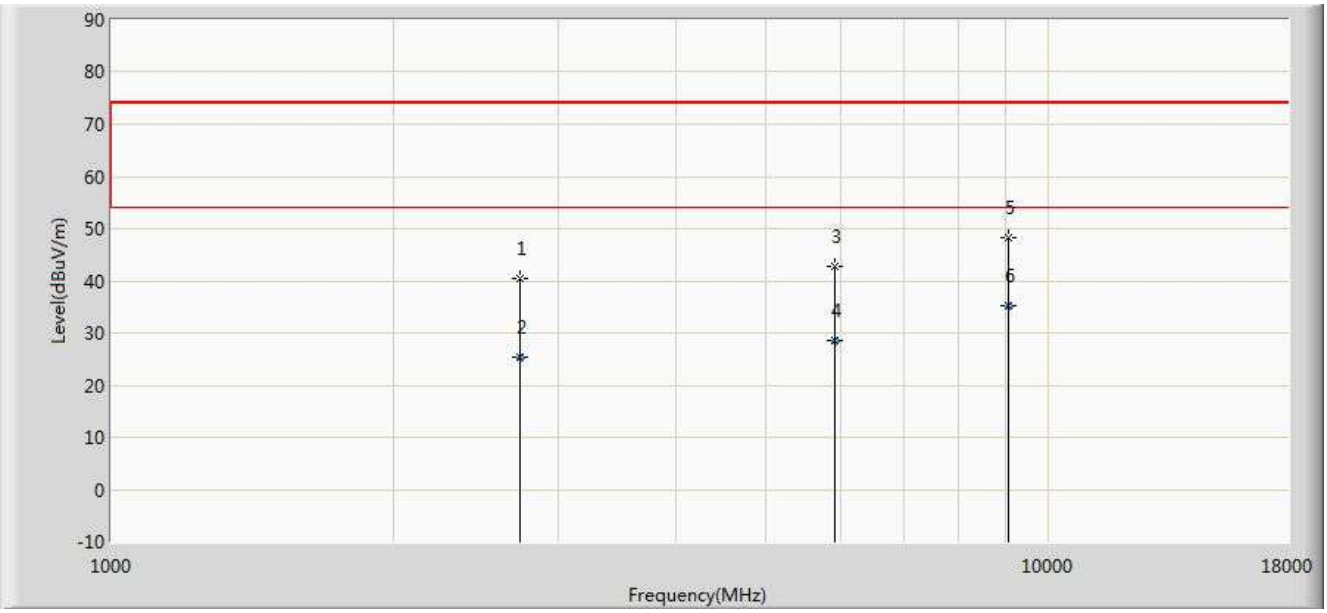
Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

Note 3: 2.4GHz Wi-Fi 802.11b Channel 2412MHz Power setting = 18.0；

5GHz Wi-Fi 802.11ac-VHT20 Channel 5785MHz Power setting = 16.0;

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 Directional Antenna (M/N: ANT-2x2-2314) 5GHz Directional Antenna (M/N: ANT-2x2-5314)		
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			2734.000	40.507	40.347	-33.493	74.000	0.160	PK
2			2734.000	25.460	25.300	-28.540	54.000	0.160	AV
3			5921.500	42.717	34.900	-31.283	74.000	7.816	PK
4			5921.500	28.617	20.800	-25.383	54.000	7.816	AV
5			9049.500	48.265	34.874	-25.735	74.000	13.391	PK
6		*	9049.500	35.091	21.700	-18.909	54.000	13.391	AV

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + 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 = 18.0；

5GHz Wi-Fi 802.11ac-VHT20 Channel 5785MHz Power setting = 16.0;

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

The End