



# Co-location Report

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**FCC ID:** Q9DAPEX037457

**APPLICANT:** Hewlett Packard Enterprise Company

**Application Type:** Certification

**Product:** ACCESS POINT

**Model No.:** APEX0374, APEX0375, APEX0377

**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.  
 The test report shall not be reproduced except in full without the written approval of MRT Technology (Taiwan) Co., Ltd.

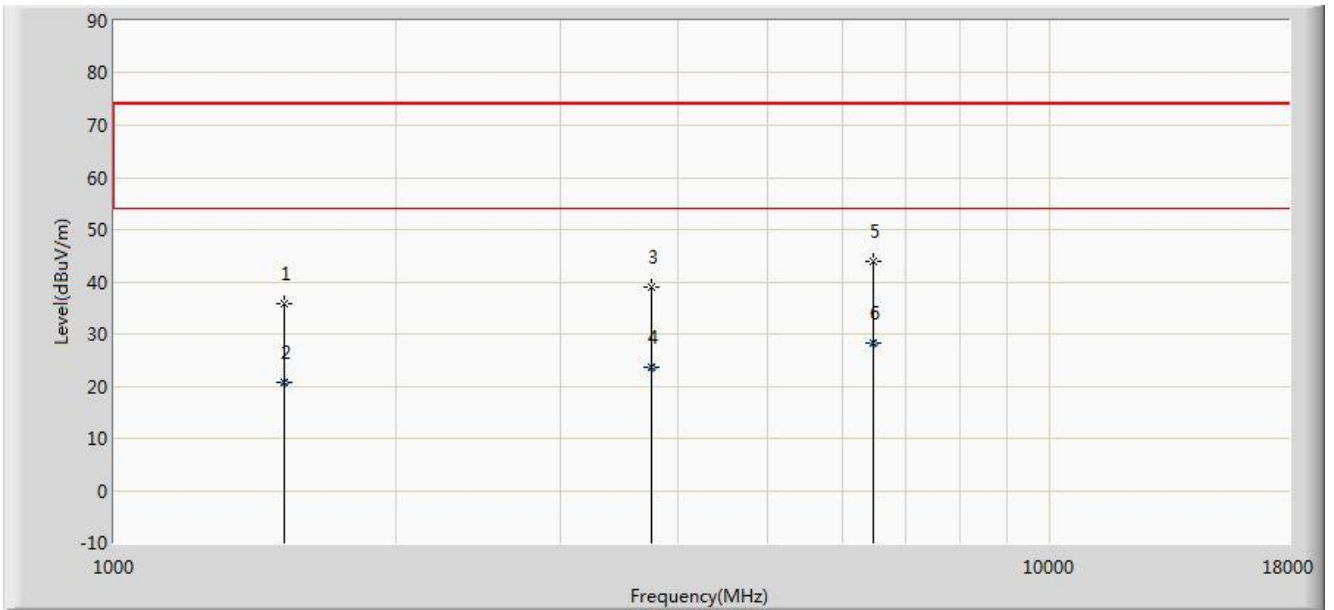
## Revision History

Report No.	Version	Description	Issue Date	Note
1710TW0108-U4	Rev. 01	Initial report	10-16-2017	Valid

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

Mode No.: APEX0374

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



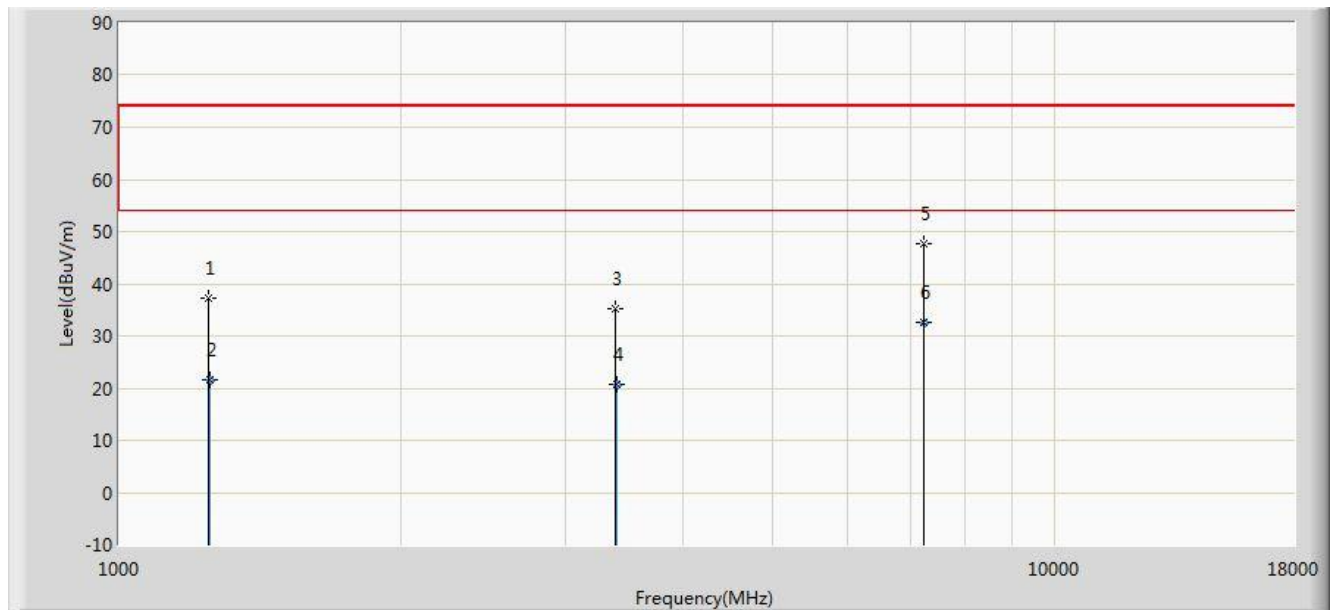
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1518.500	35.832	41.492	-38.168	74.000	-5.659	PK
2			1519.000	20.689	26.350	-33.311	54.000	-5.661	AV
3			3745.500	38.927	38.728	-35.073	74.000	0.199	PK
4			3745.886	23.480	23.280	-30.520	54.000	0.200	AV
5			6465.500	44.019	35.883	-29.981	74.000	8.136	PK
6		*	6466.000	28.240	20.100	-25.760	54.000	8.140	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.

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



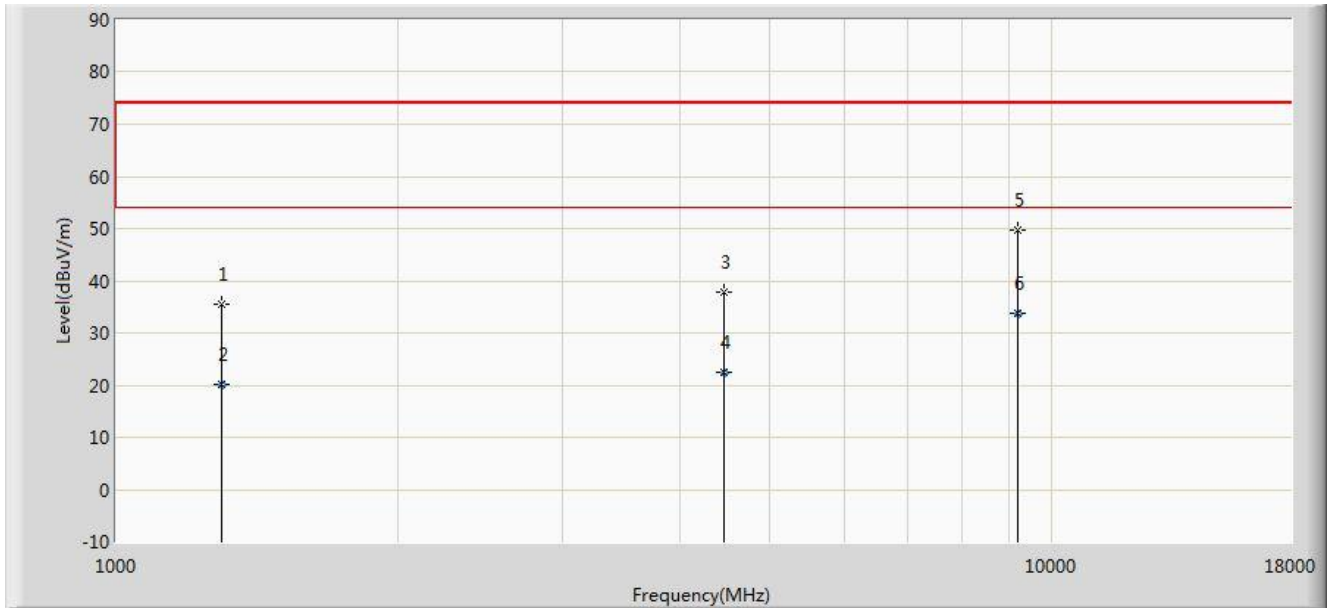
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	1246.500	37.246	43.020	-36.754	74.000	-5.774	PK
2			1249.000	21.598	27.350	-32.402	54.000	-5.753	AV
3			3397.000	35.342	36.581	-38.658	74.000	-1.239	PK
4			3398.680	20.659	21.886	-33.341	54.000	-1.227	AV
5			7239.000	47.688	35.492	-26.312	74.000	12.195	PK
6			7240.000	32.582	20.384	-21.418	54.000	12.198	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.

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



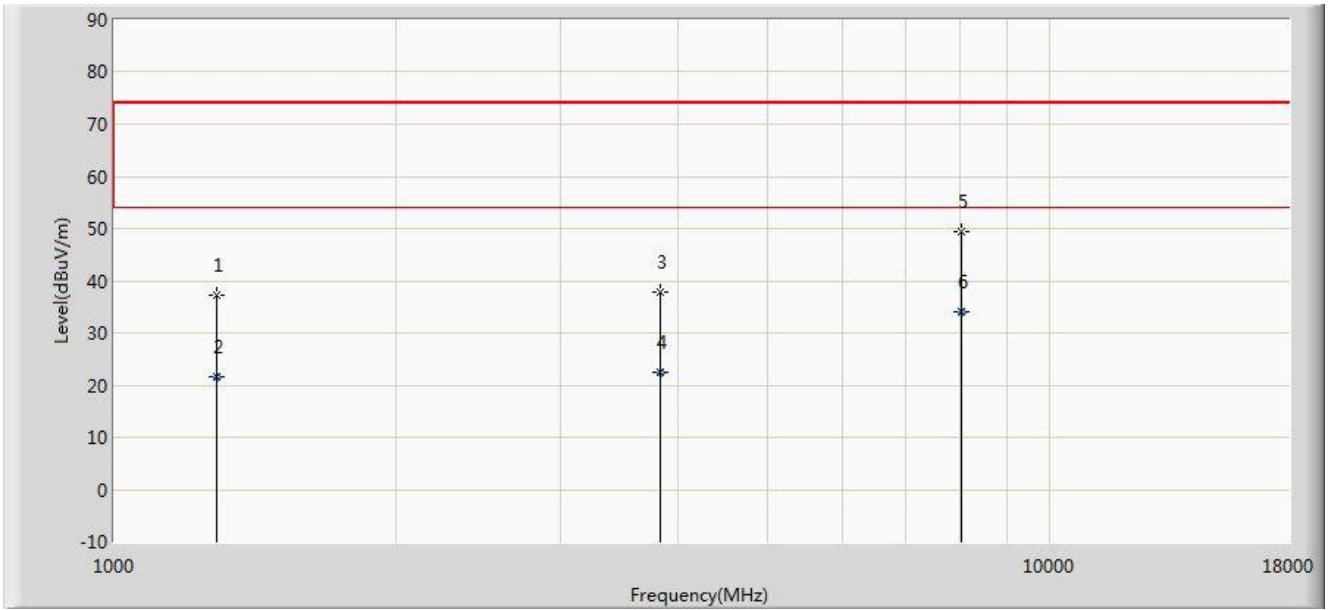
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1297.500	35.487	41.082	-38.513	74.000	-5.595	PK
2			1298.000	20.227	25.820	-33.773	54.000	-5.593	AV
3			4459.500	37.920	35.595	-36.080	74.000	2.326	PK
4			4460.380	22.329	19.999	-31.671	54.000	2.331	AV
5			9185.500	49.829	35.095	-24.171	74.000	14.734	PK
6		*	9186.300	33.793	19.058	-20.207	54.000	14.735	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.

Test Mode:	2.4GHz, 5GHz Wi-Fi + BLE Transmit	Test Site:	AC1
Test Engineer:	Kevin	Polarity:	Vertical
Antenna Type:	Directional Antenna		
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		*	1289.000	37.375	42.999	-36.625	74.000	-5.623	PK
2			1289.500	21.518	27.140	-32.482	54.000	-5.621	AV
3			3839.000	37.845	37.554	-36.155	74.000	0.291	PK
4			3839.500	22.441	22.150	-31.559	54.000	0.291	AV
5			8029.500	49.456	36.968	-24.544	74.000	12.489	PK
6			8030.000	33.948	21.460	-20.052	54.000	12.488	AV

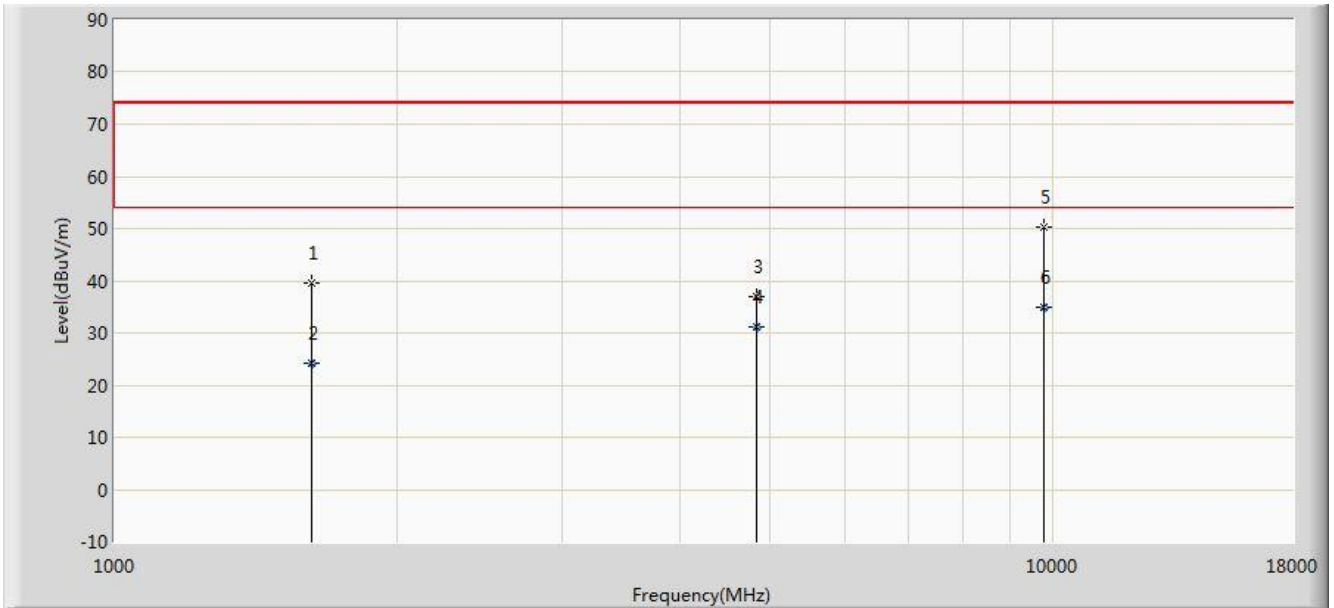
Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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.

**Mode No.: APEX0375**

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



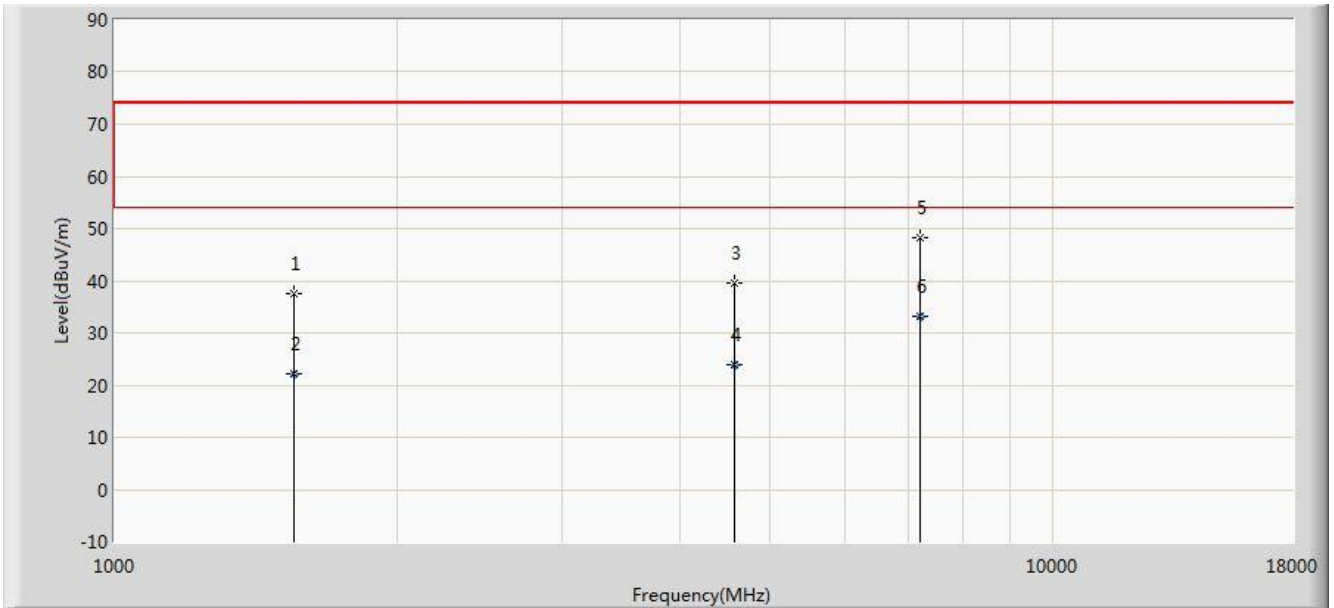
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1620.500	39.522	45.391	-34.478	74.000	-5.868	PK
2			1621.000	24.280	30.150	-29.720	54.000	-5.871	AV
3			4825.000	37.040	33.366	-36.960	74.000	3.675	PK
4			4826.580	31.034	27.360	-22.966	54.000	3.674	AV
5			9780.500	50.331	35.394	-23.669	74.000	14.936	PK
6		*	9781.025	34.786	19.847	-19.214	54.000	14.939	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.

Test Mode:	2.4GHz, 5GHz Wi-Fi + BLE Transmit	Test Site:	AC1
Test Engineer:	Kevin	Polarity:	Vertical
Antenna Type:	Omni Antenna		
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		*	1552.500	37.457	43.190	-36.543	74.000	-5.734	PK
2			1553.250	22.315	28.050	-31.685	54.000	-5.735	AV
3			4570.000	39.616	36.628	-34.384	74.000	2.988	PK
4			4571.500	23.850	20.853	-30.150	54.000	2.997	AV
5			7213.500	48.191	36.067	-25.809	74.000	12.123	PK
6			7214.370	33.066	20.940	-20.934	54.000	12.127	AV

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

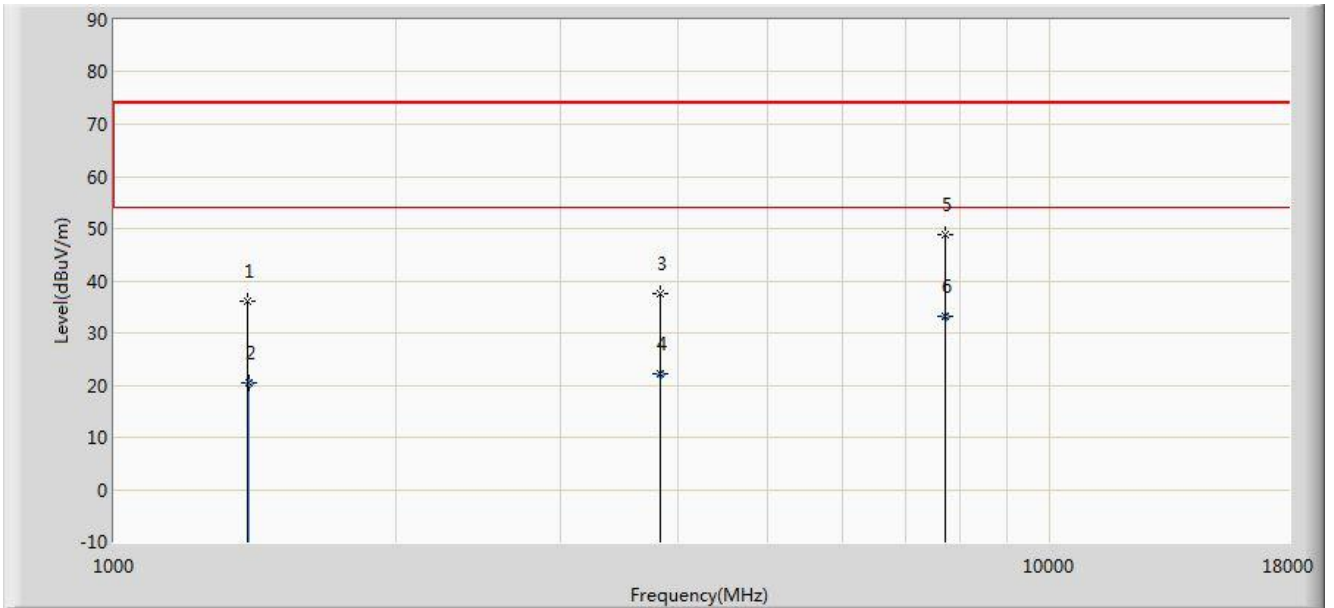
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB).

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



**Mode No.: APEX0377**

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



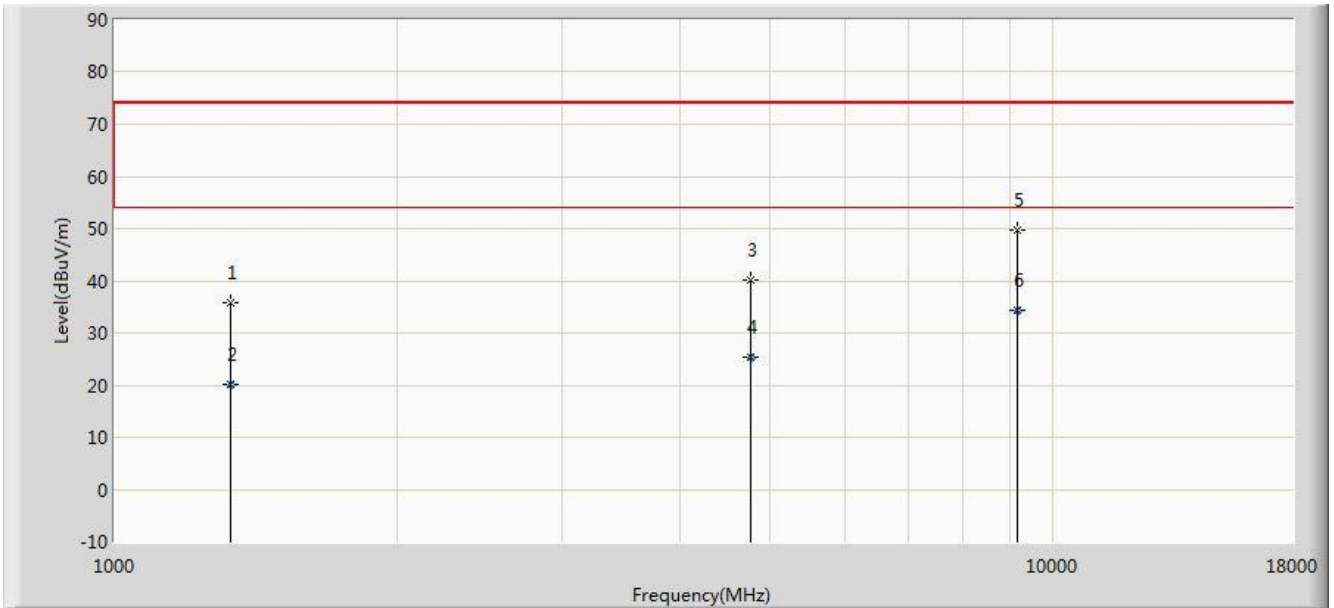
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			1391.000	36.118	41.629	-37.882	74.000	-5.511	PK
2			1392.500	20.467	25.980	-33.533	54.000	-5.514	AV
3			3839.000	37.668	37.377	-36.332	74.000	0.291	PK
4			3839.560	22.061	21.770	-31.939	54.000	0.291	AV
5			7740.500	48.806	36.408	-25.194	74.000	12.397	PK
6		*	7741.840	33.243	20.846	-20.757	54.000	12.398	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.

Test Mode:	2.4GHz, 5GHz Wi-Fi + BLE Transmit	Test Site:	AC1
Test Engineer:	Kevin	Polarity:	Vertical
Antenna Type:	Omni Antenna		
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	35.721	41.142	-38.279	74.000	-5.421	PK
2			1332.000	20.262	25.680	-33.738	54.000	-5.418	AV
3			4765.500	40.187	36.521	-33.813	74.000	3.666	PK
4			4766.480	25.317	21.650	-28.683	54.000	3.667	AV
5			9168.500	49.833	35.124	-24.167	74.000	14.710	PK
6			9168.870	34.360	19.650	-19.640	54.000	14.710	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.

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