Co-location Report

FCC ID:	TE7RE450V2
APPLICANT:	TP-Link Technologies Co., Ltd.
Application Type:	Certification
Product:	AC1750 Wi-Fi Range Extender
Model No.:	RE450
Brand Name:	TP-Link
FCC Classification:	Digital Transmission System (DTS) Unlicensed National Information Infrastructure (UNII)
Test Date:	May 02 ~ 25, 2017

Reviewed By : Paddy Chen
(Paddy Chen)

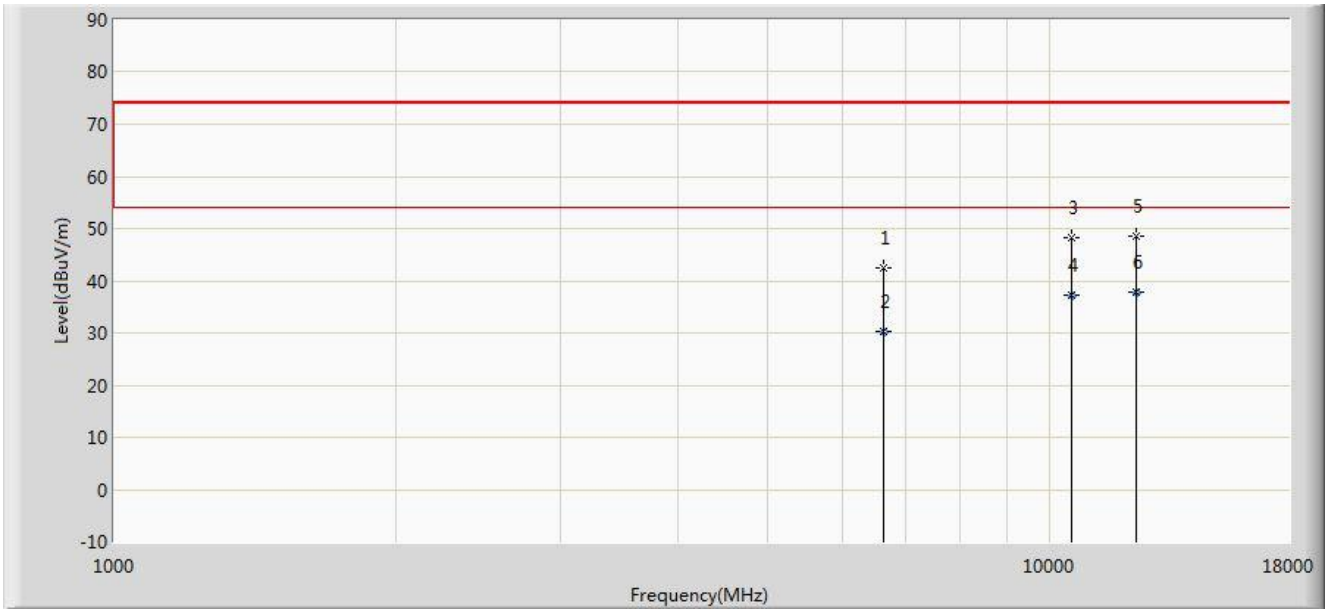
Approved By : Chenz Ker
(Chenz Ker)

Revision History

Report No.	Version	Description	Issue Date	Note
1706TW0118-U5	Rev. 01	Initial report	06-25-2017	Valid

1. TEST RESULT of Radiated Emissions for Co-located

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



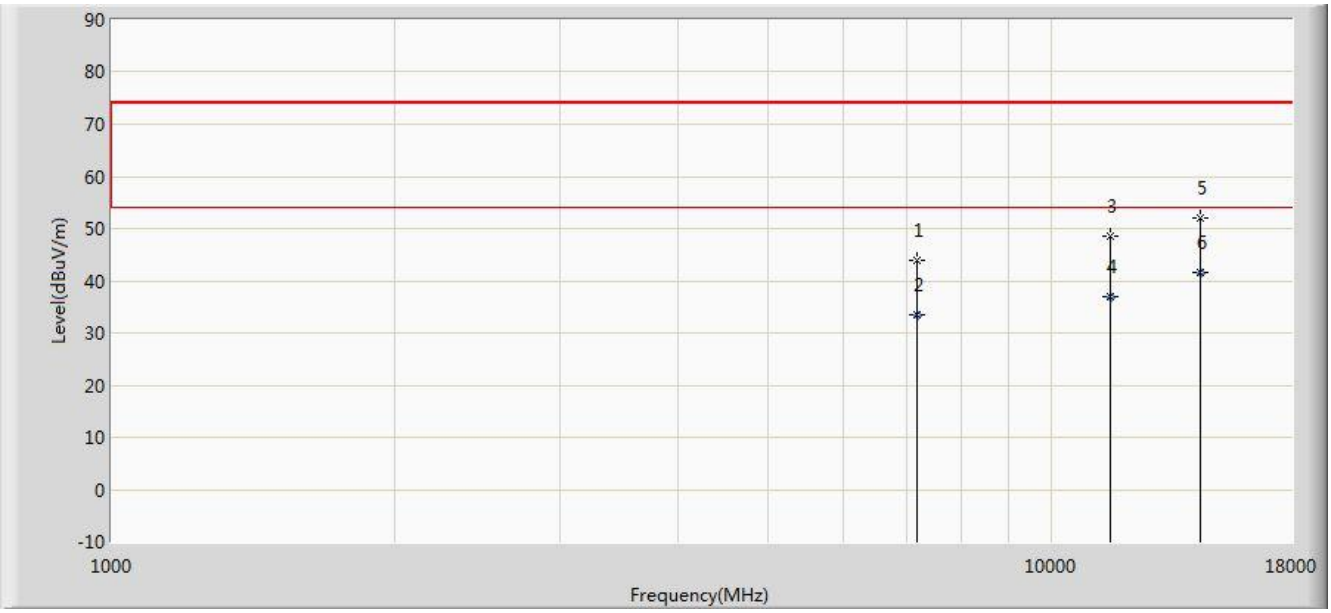
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			6635.500	42.399	36.377	-31.601	74.000	6.022	PK
2			6635.500	30.332	24.310	-23.668	54.000	6.022	AV
3			10545.500	48.404	35.944	-25.596	74.000	12.460	PK
4			10545.500	37.190	24.730	-16.810	54.000	12.460	AV
5			12381.500	48.565	37.028	-25.435	74.000	11.537	PK
6		*	12381.500	37.917	26.380	-16.083	54.000	11.537	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.

Test Mode:	2.4GHz + 5GHz Transmit	Test Site:	AC1
Test Engineer:	Kevin Ker	Polarity:	Vertical
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			7196.500	43.969	36.159	-30.031	74.000	7.810	PK
2			7196.500	33.420	25.610	-20.580	54.000	7.810	AV
3			11557.000	48.466	35.767	-25.534	74.000	12.699	PK
4			11557.000	36.879	24.180	-17.121	54.000	12.699	AV
5			14396.000	52.114	36.320	-21.886	74.000	15.794	PK
6			14396.000	41.504	25.710	-12.496	54.000	15.794	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.

The End