



KAONMEDIA Building, 884-3, Seongnam-daero, Bundang-gu,  
Seongnam-si, Gyeonggi-do, South Korea 13517  
Tel No : +82-31-724-8861  
Fax No : +82-31-724-8999

## Letter for KDB 484596 D01

Federal Communications Commission  
Authorization and Evaluation Division

FCC ID : WQTKSTB2100R  
Product/ Model Number : IP Set-top-box(OTT STB) / KSTB2100

We request reuse of FCC ID: WQTKSTB2100 test data for FCC ID: WQTKSTB2100R.  
Here, the FCC ID: WQTKSTB2100 is already approved.

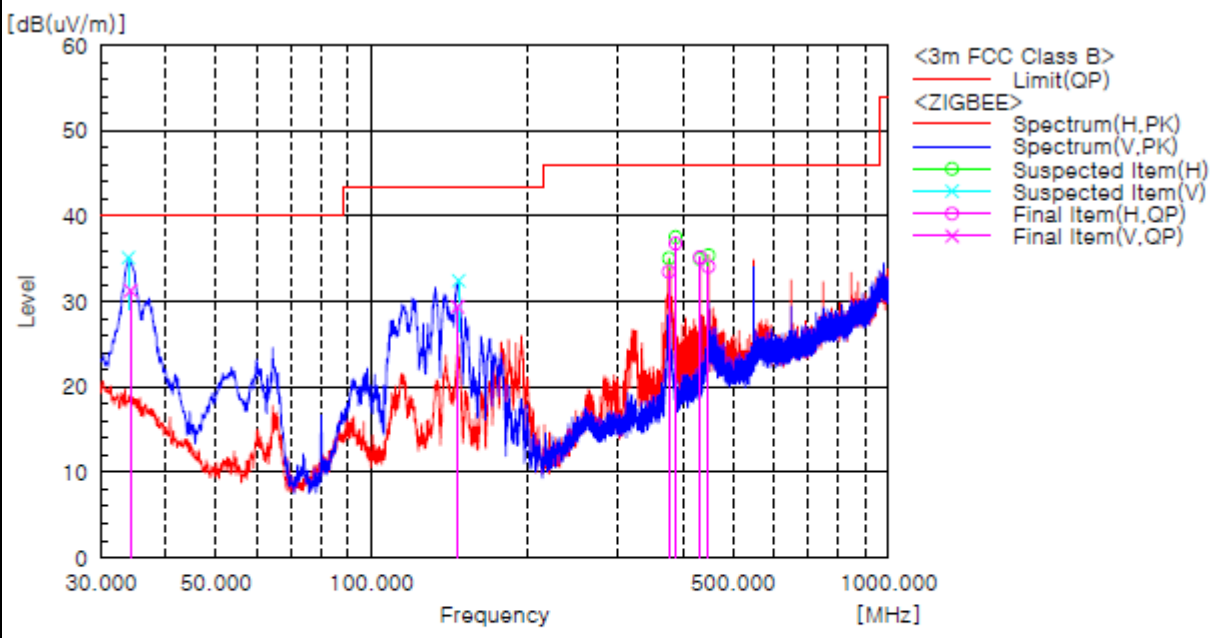
This device reuses the WLAN and RF4CE test data of original device and adds some spot check verified data according to KDB 484596 D01v01, details of reuse data and spot check refer to table1 as below.  
The KAONMEDIA Co., Ltd. takes full responsibility that the test data as referenced table 1 below represents compliance for FCC ID: WQTKSTB2100R.

[Table1]

	Tx Frequency range(MHz)	Technology	Test Report No.
Reference data	2 405 ~ 2 480	RF4CE	CTK-2021-00838
	2 412 ~ 2 462, 2 422 ~ 2 452	WLAN 2.4GHz	CTK-2021-00839
	5 180 ~ 5 825 5 190 ~ 5 795 5 210 ~ 5 775	WLAN 5GHz	CTK-2021-00840
	5 180 ~ 5 825 5 190 ~ 5 795 5 210 ~ 5 775	DFS	CTK-2021-00841
	New data	2 402 ~ 2 480	Bluetooth (with Spot check)
2 402 ~ 2 480		Bluetooth LE	CTK-2021-04178

The Spot check data for RF4CE, WLAN 2.4GHz and WLAN 5GHz modes are as below;

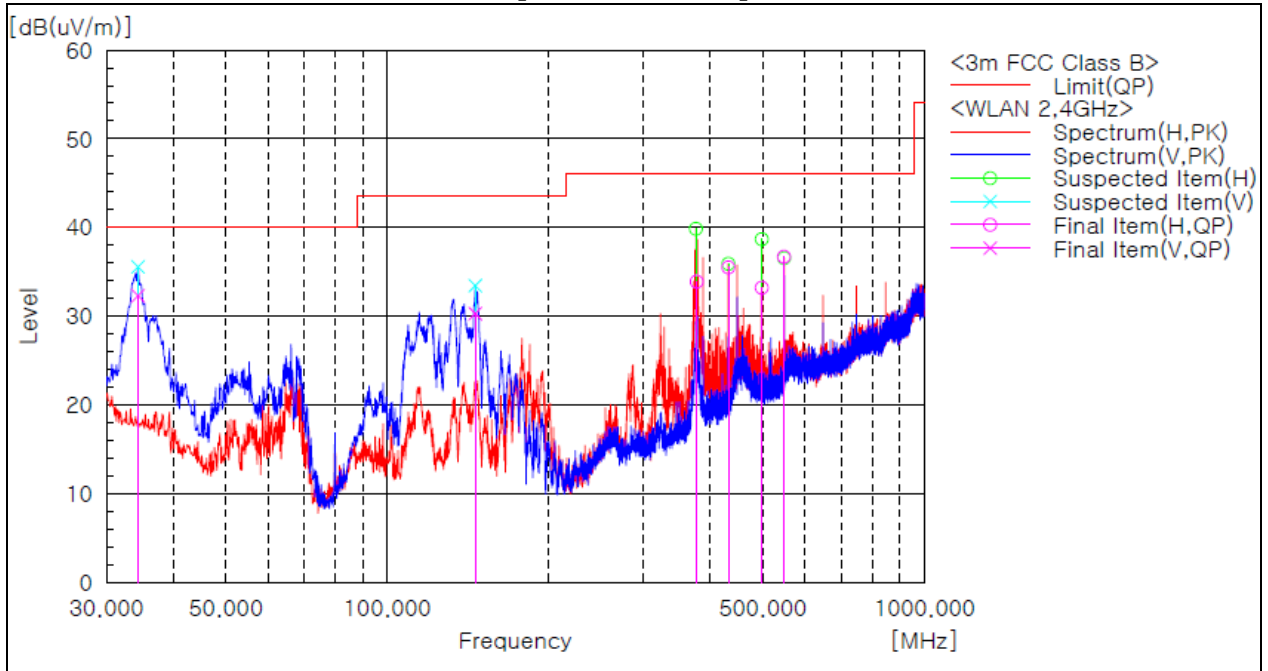
[RF4CE]



Final Result

No.	Frequency [MHz]	(P)	Reading OP [dB(uV)]	c.f [dB(1/m)]	Result OP [dB(uV/m)]	Limit OP [dB(uV/m)]	Margin OP [dB]	Height [cm]	Angle [deg]
1	34.240	V	39.1	-7.8	31.3	40.0	8.7	101.0	21.0
2	146.801	V	41.2	-11.8	29.4	43.5	14.1	101.0	1.0
3	375.783	H	39.9	-6.4	33.5	46.0	12.5	100.0	237.0
4	387.597	H	42.7	-5.9	36.8	46.0	9.2	100.0	250.0
5	431.994	H	39.1	-3.9	35.2	46.0	10.8	209.0	248.0
6	448.579	H	37.6	-3.5	34.1	46.0	11.9	209.0	231.0

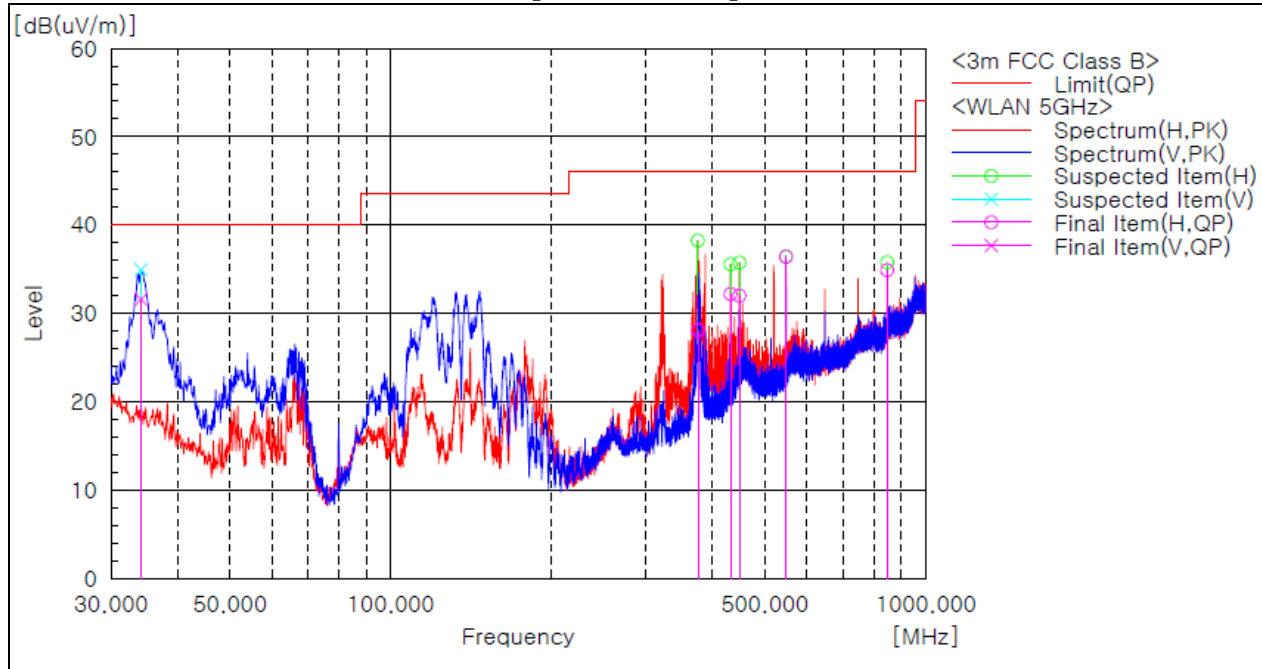
### [WLAN 2.4GHz]



#### Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(uV)]	c.f [dB(1/m)]	Result QP [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]
1	34.365	V	40.2	-7.9	32.3	40.0	7.7	101.0	65.0
2	145.915	V	42.1	-11.8	30.3	43.5	13.2	101.0	1.0
3	377.164	H	40.3	-6.4	33.9	46.0	12.1	101.0	276.0
4	431.996	H	39.4	-3.9	35.5	46.0	10.5	205.0	248.0
5	498.510	H	35.6	-2.4	33.2	46.0	12.8	101.0	322.0
6	548.281	H	37.9	-1.2	36.7	46.0	9.3	205.0	221.0

[WLAN 5GHz]



Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(uV)]	c.f [dB(1/m)]	Result QP [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]
1	34.123	V	39.4	-7.8	31.6	40.0	8.4	101.0	126.0
2	375.708	H	34.5	-6.4	28.1	46.0	17.9	399.0	263.0
3	431.944	H	36.1	-3.9	32.2	46.0	13.8	209.0	252.0
4	448.676	H	35.5	-3.5	32.0	46.0	14.0	209.0	226.0
5	548.344	H	37.6	-1.2	36.4	46.0	9.6	209.0	209.0
6	847.363	H	30.2	4.7	34.9	46.0	11.1	100.0	204.0

This authorization is valid until further written notice from the applicant.

Dated 2021/11/08

Sincerely,

NAME: Kim Tae-Sung

TITLE: Manager

Applicant: KAONMEDIA Co., Ltd.

Address: KAONMEDIA Building, 884-3, Seongnam-daero, Bundang-gu, Seongnam-si, Gyeonggi-do, South Korea 13517