

# Permissive Change Request Letter

Date: January 11, 2018

**Federal Communications Commission**  
**Authorization and Evaluation Division**  
 7435 Oakland Mills Rd  
 Columbia MD 21046-1609

**Subject: Description of Permissive Change**

To whom it may concern,

Pursuant to CFR 2.1043, Technicolor Connected Home USA LLC, hereby requests a Class II Permissive Change for the following project(s):

**FCC ID: G95CGM414X** (Grant Date: 06/14/2017, 11/28/2017)

The change(s) filed under this application is (are):

- 1.) Add the following new antenna directional gains for "Non-BF Power with NSS2 20MHz channel width, BF power, PSD" in U-NII bands.

Band		1 and 2	3	4
<b>New 5G Antenna Gain (dBi)</b>				
Non-BF Power with NSS2 20MHz channel width, BF Power, PSD	4TX 1/2/5/6	5.5	4.9	5.5
	8TX NSS1	7	6.6	7.5
	8TX NSS2	4	3.6	4.6
Non-BF Power (except NSS2 20MHz channel widths)	Antenna 1&2	3.2	2.64	2.5
	Antenna 5&6	3.4	2.45	3.2
	Antenna 3&4	1.5	2.63	2.5
	Antenna 7&8	3.5	2.82	3.4
<b>Original 5G Antenna Gain (dBi)</b>				
Non-BF Power with NSS2 20MHz channel width, BF Power, PSD	8TX NSS1	9.3	8.09	9.7
	8TX NSS2	6.6	5.9	6.7
Non-BF Power (except NSS2 20MHz channel widths)	Antenna 1&2	3.2	2.64	2.5
	Antenna 5&6	3.4	2.45	3.2
	Antenna 3&4	1.5	2.63	2.5
	Antenna 7&8	3.5	2.82	3.4

No other DFS testing is required since the adding new antenna gains are not lower than the original ones.

No modifications were made to circuitry of any transmitter and emissions performance remains the same as original certified ID.

There is no change in hardware or in existing RF relevant portion.

Sincerely yours,

Applicant : Technicolor Connected Home USA LLC  
Address : 5030 Sugarloaf Parkway Building 6, Lawrenceville, Georgia 30044,  
United States

Signature :



Name and Job Title. : Robert Lyall / Technical Leader - Regulatory Compliance  
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