



## Permissive Change Request Letter

Date: December 2, 2019

**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, Cisco Systems Inc, hereby requests a Class II Permissive Change for the following project(s):

**FCC ID: LDKNVTX21737** (Original Grant Date: 20/4/2018)

This project is a Permissive Change for the purpose of adding additional antenna (list below).

	Antenna Type	Model Name	Gain (dBi)					
			BT	2.4GHz	5GHz			
					Band1	Band2	Band3	Band4
1	PCB	CI9808-15-000-R	-9.3	-9.3	-7.8	-7.8	-6.5	-5
2	PCB	CI9809-15-000-R	-	-9.1	-5.9	-5.7	-4.5	-3.1
3	PCB	CI9811-15-000-R	-9.7	-9.7	-6.5	-6.1	-4.1	-3.7
4	PCB	CI9810-15-000-R	-	-8.9	-6.1	-5.7	-4.6	-3.3
5	PCB	CI9812-15-000-R	-8.8	-8.8	-6.1	-7.6	-4.8	-4
6	PCB	CI9813-15-000-R	-	-8.8	-6.1	-7.6	-4.8	-4
7	PCB	Ci8210-15-000-R-TA	-2.3	-2.3	2.5	2.9	3	3.2
8	PCB	Ci8210-15-000-R-TA	-	-2.3	2.5	2.9	3	3.2
9	PCB	Ci8211-15-000-R	-2.1	-2.1	1.2	1.7	3.2	4.1
10	PCB	Ci8211-15-000-R	-	-2.1	1.2	1.7	3.2	4.1
11	PCB	CIA076-15-000-R	3.7	3.7	5.3	5.2	3.8	4.3
12	PCB	CIA077-15-000-R	-	2.8	4.8	4.8	4.3	4.4
13	PCB	CIA582-15-000-R	4.13	4.13	3.95	4.34	5.89	5.95
14	PCB	CIA582-15-001-R	-	4.04	3.75	5.08	5.57	5.44

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

Sincerely yours,

Applicant : Cisco Systems Inc  
Address : 125 West Tasman Drive San Jose California United States  
95134-1706

Signature : 

Name and Job Title. : Guangmin Ouyang, Compliance Engineer

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