



Xiaomi Communications Co., Ltd.

The Rainbow City of China Resources, NO.68, Qinghe Middle Street, Haidian District, Beijing, China

To who it may concern:

We, Xiaomi Communications Co., Ltd., declare on our sole responsibility for the product of C3J as below:

The differences between FCC ID 2AFZZC3JG and 2AFFZZC3JH are as below:

1,RF spectrum Part:

C3J_B20: GSM:B2/3/5/8;WCDMA:B1/2/4/5/8; LTE TDD:B1/2/3/4/5/7/8/20; LTE FDD:B38/40;

C3J B28: GSM:B2/3/5/8;WCDMA:B1/2/4/5/8; LTE TDD:B1/2/3/4/5/7/8/20/28; LTE FDD:B38/40;

2. RF differences

RF SW Part: FCC ID 2AFZZC3JG has disabled LTE B28.

RF HW PART:

Use the same DRX Saw and Duplexer, for the 2AFFZZC3JH version, Added RF B28 components

DRX Saw

B28: SFH780AA402 from Wisol

Duplexer

B28A: B39771B8538P810 from Epcos;

B28B: B39791B8539P810 from RF360;

3. Test plan

FCC ID :2AFZZC3JG and 2AFFZZC3JH						
Test Items			Test Conditions	B20	B28	
FCC	SAR	WWAN	Head	All test	B28 band retest, overlap band test the worst case	
			Body			
		WiFi 802.11a/b/g/n/ac(20)(40)(80)	Head			
			Body			
	Part15B	EMI	Radiated Emission			Verify RE worse case
			AC Conducted Emission			
	Part22H	WWAN Band 850	RF Conducted Measurement			
			Radiated Spurious Emission			
			ERP/EIRP Test			
	Part24E	WWAN Band 1900	RF Conducted Measurement			
			Radiated Spurious Emission			
			ERP/EIRP Test			



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	Part27L	WWAN	RF Conducted Measurement	Verify power and RSE worse case
		AWS Band	Radiated Spurious Emission	
			ERP/EIRP Test	
	Part27	WWAN	RF Conducted Measurement	
		Other band	Radiated Spurious Emission	
			ERP/EIRP Test	
	Part27	WWAN	RF Conducted Measurement	
		CA band	Radiated Spurious Emission	
			ERP/EIRP Test	
	Part15C	Bluetooth	RF Conducted Measurement	
			Radiated Spurious Emission	
			AC Conducted Emission	
		WiFi 802.11a/b/g/n(20)	RF Conducted Measurement	
			Radiated Spurious Emission	
			AC Conducted Emission	
Part15E	WiFi 802.11a/b/g/n/ac(20)(40)(80)	RF Conducted Measurement		
		Radiated Spurious Emission		
		AC Conducted Emission		
	DFS	DFS		

Sincerely yours,

Signed for and on behalf of: Xiaomi Communications Co., Ltd.

Place: The Rainbow City of China Resources, NO.68, Qinghe Middle Street, Haidian District, Beijing, China

Date: August 15, 2019

Name: Jiao, Xiaogang

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Function: Product Certification

Signature:

JIAO XIAO GANG