Applicant/Grantee Microsoft Corp.									
FCC ID: C3K1525									
Section 15.212 Modular Transmitters									
Request for Modular Approval Request for Limited Modular Approval									
rioques		Requirements	11040	EUT Conditions	Comply (Y/N)				
			Iodular A	Approval Requirements	comply (1/11)				
1	The radio el	ements of the module			Y				
		nust have their own							
		he physical crystal a	nd						
	tuning capacitors may be located								
		he shielded radio ele							
2		r transmitter must ha			Y				
	buffered mo	dulation/data inputs	(if such						
		ovided) to ensure the	•						
		comply with Part 15							
		s under conditions of							
	excessive data rates or over-modulation.								
3	The modular	r transmitter must ha	ve its		Y				
	own power s	supply regulation.							
4	The modular	r transmitter must co	mply		Y				
	with the ante	enna and transmissio	n						
	system requi	irements of Sections	15.203,						
	15.204(b) ar	nd 15.204(c). The ant	enna						
	must either b	be permanently attac	hed or						
	employ a "u	nique" antenna coup	ler (at						
	all connection	ons between the mod	ule and						
	the antenna,	including the cable)	The						
		al installation" provis							
		03 is not applicable							
		can apply to limited							
		orovals under paragra	ph (b)						
	of this section								
5		r transmitter must be			Y				
		one configuration, i.e.							
		t not be inside another							
		g testing for complia							
		requirements. Unles							
		nodule will be batter	•						
	-	must comply with the							
		ed requirements four							
		207. AC or DC power							
	-	ut/output lines conne							
		must not contain ferr	*						
	_	will be marketed with							
		Section 15.27(a)). T							
	_	ese lines shall be the	-						
		tual use or, if that le	-						
		least 10 centimeters							
		nere is no coupling b							
	the case of the	he module and suppo	orting						

	T	
	equipment. Any accessories, peripherals,	
	or support equipment connected to the	
	module during testing shall be	
	unmodified and commercially available	
	(see Section 15.31(i)).	
6	The modular transmitter must be	Y
	equipped with either a permanently	•
	affixed label or must be capable of	
	electronically displaying its FCC	
	identification number.	
	(A) If using a permanently affixed label, the	
	modular transmitter must be labeled with its own FCC identification number, and, if the FCC	
	identification number is not visible when the	
	module is installed inside another device, then	
	the outside of the device into which the module is	
	installed must also display a label referring to	
	the enclosed module. This exterior label can use	
	wording such as the following: "Contains	
	Transmitter Module	
	FCC ID: XYZMODEL1" or "Contains FCC ID:	
	XYZMODEL1." Any similar wording that expresses the same meaning may be used.	
	The Grantee may either provide such a label, an	
	example of which must be included in the	
	application for equipment	
	authorization, or, must provide adequate	
	instructions along with the module which explain	
	this requirement. In the latter case, a copy of	
	these instructions must be included in the	
	application for equipment authorization. (B) If the modular transmitter uses an electronic	
	display of the FCC identification number, the	
	information must be readily accessible and	
	visible on the modular transmitter or on the	
	device in which it is installed. If the module is	
	installed inside another device, then the outside	
	of the device into which the module is installed	
	must display a label referring to the enclosed	
	module. This exterior label can use wording such	
	as the following: "Contains FCC certified transmitter module(s)."	
	Any similar wording that expresses the same	
	meaning may be used. The user manual must	
	include instructions on how to access the	
	electronic display. A copy of these instructions	
	must be included in the application for	
	equipment authorization.	* 7
7	The modular transmitter must comply	Y
	with any specific rules or operating	
	requirements that	
	ordinarily apply to a complete	
	transmitter and the manufacturer must	
	provide adequate instructions along with	
	the module to explain any such	
	requirements. A copy of these	
	instructions must be included in the	
	application for equipment authorization.	
	application for equipment authorization.	

8	The modular transmitter must comply		Y
	with any applicable RF exposure		
	requirements in its final configuration.		

A limited modular approval may be granted for single or split modular transmitters that do not comply with all of the above requirements, *e.g.*, shielding, minimum signaling amplitude, buffered modulation/data inputs, or power supply regulation, if the manufacturer can demonstrate by alternative means in the application for equipment authorization that the modular transmitter meets all the applicable Part 15 requirements under the operating conditions in which the transmitter will be used. Limited modular approval also may be granted in those instances where compliance with RF exposure rules is demonstrated only for particular product configurations. The applicant for certification must state how control of the end product into which the module will be installed will be maintained such that full compliance of the end product is always ensured.