Applicant/Grantee		Silver Spring Networks Inc.					
FCC ID: OWS-NIC511		Silver Sprii	ing Inclinutes	inc.			
	5A-NIC511						
10. 377	511-1110511	Sec	rtion 15.212	Modular Transmitters			
Request	for Modular Ap			lest for Limited Modular Approval			
		equirements		EUT Conditions	Comply (Y/N)		
			le Modular /	Approval Requirements	(271)		
1	The radio elements of the modular			The module has a metal shield over the	YES		
_	transmitter must have their own			radio elements			
	shielding. The physical crystal and						
	tuning capacitors may be located						
	external to the shielded radio elements.						
2	The modular tra	nsmitter mus	t have	Buffered data inputs are in place	YES		
	buffered modulation/data inputs (if such						
	inputs are provi	ded) to ensure	e that the				
	module will comply with Part 15						
	requirements un	der condition	is of				
	excessive data r	ates or over-r	nodulation.				
3	The modular transmitter must have its			The module has its own power supply	YES		
	own power supp			regulation			
4	The modular tra			The module has an integral antenna	YES		
	with the antenna						
	system requiren						
	15.204(b) and 1	* *					
	must either be p						
	employ a "uniqu						
	all connections						
	the antenna, inc	-					
	"professional in Section 15.203						
	modules but car	1 1					
	modules out car						
	of this section.	ans under part	agraph (0)				
5	The modular tra	nsmitter mus	t be tested	The module was tested stand alone,	YES		
	in a stand-alone configuration, <i>i.e.</i> , the			connected to control pc via serial cable	120		
	module must no	_		Commode to Commod po via serial calcie			
	device during te						
	with Part 15 req	_	_				
	transmitter mod	•					
	powered, it mus	st comply with	n the AC				
	line conducted i	requirements	found in				
	Section 15.207.	-					
	and data input/c	-					
	the module mus						
	unless they will						
	module (see Sec						
	length of these l						
	typical of actual						
	unknown, at lea						
	insure that there	e is no couplir	ng between				

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	the case of the module and supporting		
	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	The RF module label is submitted as a	YES
	equipped with either a permanently	separate exhibit.	
	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	The modular transmitter must comply	The module is installed only in products	YES
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	with any specific rules or operating	manufactured by the grantee and under	
	requirements that	the grantee's control, in keeping with the	
	ordinarily apply to a complete	requirements for a limited modular	
	transmitter and the manufacturer must	approval. The grantee has internal	
	provide adequate instructions along with	manufacturing processes and	
	the module to explain any such	documentation for control of final	
	_ <del>-</del>	products using this module.	
	instructions must be included in the		
	requirements. A copy of these	products using this module.	

	application for equipment authorization.		
8	The modular transmitter must comply	The module complies MPE limits as	YES
	with any applicable RF exposure	stated in the product manual when	
	requirements in its final configuration.	operating at maximum allowed power	

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.