MR53

Dual-band 802.11ac Wave 2 access point with separate radios dedicated to security, RF management, and Bluetooth



High performance 802.11ac Wave 2 wireless

The Cisco Meraki MR53 is a cloud-managed 4x4:4 802.11ac Wave 2 access point with 160 MHz channels and MU-MIMO support. Designed for next-generation deployments in offices, schools, hospitals, shops, and hotels, the MR53 offers high performance, enterprise-grade security, and simple management.

The MR53 provides a maximum of 2.5 Gbps* aggregate frame rate with concurrent 2.4 GHz and 5 GHz radios. A dedicated third radio provides real-time WIDS/WIPS with automated RF optimization, and a fourth integrated radio delivers Bluetooth Low Energy (BLE) scanning and Beaconing.

With the combination of cloud management, high perfomance hardware, multiple radios, and advanced software features, the MR53 makes an oustanding platform for the most demanding of uses - including high-density deployments and bandwidh or performanceintensive applications like voice and high-definition video.

MR53 and Meraki cloud management: A powerful combo

Management of the MR53 is through the Meraki cloud, with an intuitive browser-based interface that enables rapid deployment without time-consuming training or costly certifications. Since the MR53 is self-configuring and managed over the web, it can be deployed at a remote location in a matter of minutes, even without on-site IT staff.

24x7 monitoring via the Meraki cloud delivers real-time alerts if the network encounters problems. Remote diagnostic tools enable imediate troubleshooting over the web so that distributed networks can be managed with a minimum of hassle.

The MR53's firmware is automatically kept up to date via the cloud. New features, bug fixes, and enhancements are delivered seamlessly over the web. This means no manual software updates to download or missing security patches to worry about.

Product Highlights

- 4x4 160 MHz MU-MIMO 802.11ac Wave 2
- 2.5 Gbps dual-radio aggregate frame rate
- 24x7 real-time WIDS/WIPS and spectrum analytics via dedicated third radio
- Integrated Bluetooth Low Energy Beacon and scanning radio
- Enhanced transmit power and receive sensitivity

- Full-time WiFi location tracking via dedicated 3rd radio
- Integrated enterprise security and guest access
- Application-aware traffic shaping
- · Optimized for voice and video
- Self-configuring, plug-and-play deployment
- · Sleek, low-profile design blends into office environments

Features

Dual-radio aggregate frame rate of up to 2.5 Gbps*

A 5 GHz 4x4:4 radio supporting 160 MHz channel widths and a 2.4 GHz 4x4:4 radio supporting 40 MHz channel widths offer a combined dual-radio aggregate frame rate of 2.5 Gbps*, with up to 1,733 Mbps in the 5 GHz band thanks to 802.11ac Wave 2 and 800 Mbps in the 2.4 GHz band. Technologies like transmit beamforming and enhanced receive sensitivity allow the MR53 to support a higher client density than typical enterprise-class access points, resulting in fewer APs for a given deployment.

Multi User Multiple Input Multiple Output (MU-MIMO)

With support for the 802.11ac Wave 2 standard, the MR53 offers MU-MIMO for more efficient transmission to multiple clients. Especially suited for environments with numerous mobile devices, MU-MIMO enables multiple clients to receive data simultanously. This increases the total network perfomance and the improves the end user experience.

Multi-gigabit ethernet

The MR53 has an integrated multigigabit uplink that ensures maximum capacity for this high performance 802.11ac Wave 2 hardware configuration.

Bluetooth Low Energy Beacon and scanning radio

An integrated fourth radio for Bluetooth Low Energy (BLE) provides seamless deployment of BLE Beacon functionality and effortless visibility of BLE devices. The MR53 enables the next generation of location-aware applications while futureproofing your deployment, ensuring it's ready for any new customer engagement strategies.

Automatic cloud-based RF optimization

The MR53's sophisticated and automated RF optimization means that there is no need for the dedicated hardware and RF expertise typically required to tune a wireless network. The RF data collected by the dedicated third radio is continuously fed back to the Meraki cloud. This data is then used to automatically tune the channel selection, transmit power, and client connection settings for optimal performance under even the most challenging RF conditions.

Integrated enterprise security and guest access

The MR53 features integrated, easy-to-use security technologies to provide secure connectivity for employees and guests alike. Advanced security features such as AES hardware-based encryption and WPA2-Enterprise authentication with 802.1X and Active Directory integration provide wire-like security while still being easy to configure. One-click guest isolation provides secure, Internet-only access for visitors. PCI compliance reports check network settings against PCI requirements to simplify secure retail deployments.

Third radio delivers 24x7 wireless security and RF analytics

The MR53's dedicated dual-band scanning and security radio continually assesses the environment, characterizing RF interference and containing wireless threats like rogue access points. There's no need to choose between wireless security, advanced RF analysis, and serving client data - a dedicated third radio means that all functions occur in real-time, without any impact to client traffic or AP throughput.

Enterprise Mobility Management (EMM) & Mobile Device Management (MDM) integration

Meraki Systems Manager natively integrates with the MR53 to offer automatic, context-aware security. You can use Systems Manager's self-service enrollment to rapidly deploy MDM without installing additional equipment, and then dynamically tie firewall and traffic shaping policies to client posture.

Application-aware traffic shaping

The MR53 includes an integrated layer 7 packet inspection, classification, and control engine, enabling you to set QoS policies based on traffic type. Prioritize your mission critical applications while setting limits on recreational traffic like peer-to-peer and video streaming. Policies can be implemented per network, per SSID, per usergroup, or per individual user for maximum flexibility and control.

Voice and video optmizations

Industry standard QoS features are built in and easy to configure. Wireless Multi Media (WMM) access categories, 802.1p, and DSCP standards support all ensure important applications get priorotized correctly, not only on the MR53, but on other devices in your network. Unscheduled Automatic Power Save Delivery (U-APSD) ensures minimal battery drain on wireless VoIP phones.

Self-configuring, self-maintaining, always up-to-date

When plugged in, the MR53 automatically connects to the Meraki cloud, downloads its configuration, and joins the appropriate network. If new firmware is required, this is retireved by the AP and updated automatically. This ensures the network is kept up-to-date with bug fixes, security updates, and new features.

Advanced analytics

Drill down into the details of your network usage with highly granular traffic analytics. Extend your visibility into the physical world with journey tracking through location analytics. View vistor numbers, dwell time, repeat visit rates, and track trends. Fully customize your analysis with raw data available via simple APIs.

* Refers to maximum over-the-air data frame rate capability of the radio chipset, and may exceed data rates allowed by IEEE 802.11ac-compliant operation.

Specifications

Dedies			
Radios	Environment		
2.4 GHz 802.11b/g/n client access radio	Operating temperature: 32 °F to 104 °F (0 °C to 40 °C)		
5 GHz 802.11a/n/ac client access radio	Humidity: 5 to 95% non-condensing		
2.4 GHz & 5 GHz dual-band WIDS/WIPS, spectrum analysis, & location analytics radio 2.4 GHz Bluetooth Low Energy (BLE) radio with Beacon and BLE scanning support	-		
Concurrent operation of all four radios	Physical Dimensions		
Supported frequency bands (country-specific restrictions apply):	10.56" x 6.38" x 1.58" (268.2 mm x 162.0 mm x 38.8 mm), not including deskmount feet or mount plate		
2.412-2.484 GHz	Weight: 29.6 oz (840g)		
5.150-5.250 GHz (UNII-1) 5.250-5.350 GHZ (UNII-2)	weight. 29.6 02 (640g)		
5.470-5.600, 5.660-5.725 GHz (UNII-2e)			
5.725 -5.825 GHz (UNII-3)	Security		
Antenna	Integrated Layer 7 firewall with mobile device policy management		
Integrated omni-directional antennas (5.5 dBi gain @ 2.4 GHz, 6.2 dBi gain @ 5 GHz)	Real-time WIDS/WIPS with alerting and automatic rogue AP containment with Air Marshal		
Individual antenna elements for each radio	_ Flexible guest access with device isolation		
	 VLAN tagging (802.1q) and tunneling with IPsec VPN 		
802.11ac Wave 2 and 802.11n Capabilities	PCI compliance reporting		
4×4 multiple input, multiple output (MIMO) with four spatial streams	WEP, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X		
SU-MIMO and MU-MIMO support	EAP-TLS, EAP-TTLS, EAP-MSCHAPv2, EAP-SIM		
Maximal ratio combining (MRC) & beamforming	TKIP and AES encryption		
20 and 40 MHz channels (802.11n); 20, 40, 80, and 160 MHz channels (802.11ac)	 Enterprise Mobility Management (EMM) & Mobile Device Management (MDM) integration 		
Up to 256-QAM on both 2.4 GHz & 5 GHz bands	 Cisco ISE integration for Guest access and BYOD Posturing 		
 Packet aggregation	-		
	Quality of Service		
Power	Advanced Power Save (U-APSD)		
Power over Ethernet: 37 - 57 V (802.3at required; functionality-restricted 802.3af mode supported)	 WMM Access Categories with DSCP and 802.1p support Layer 7 application traffic identification and shaping 		
Alternative 12 V DC input	_		
Power consumption: 21W max (802.3at)	Mobility		
Power over Ethernet injector and DC adapter sold separately	PMK, OKC, & 802.11r for fast Layer 2 roaming		
	Distributed or centralized layer 3 roaming		
Interfaces	-		
1x 100/1000/2.5G BASE-T Ethernet & 1x 10/100/1000 BASE-T Ethernet (RJ45)	Analytics		
1x DC power connector (5.5 mm x 2.5 mm, center positive)	Embedded location analytics reporting and device tracking		
	Global L7 traffic analytics reporting per network, per device, & per application		
Mounting	-		
All standard mounting hardware included	Warranty		
Desktop, ceiling, and wall mount capable	Lifetime hardware warranty with advanced replacement included		
Ceiling tile rail (9/16, 15/16 or 1 ½" flush or recessed rails), assorted cable junction boxes	_		
Bubble level on mounting cradle for accurate horizontal wall mounting	Compliance		
Bubble level of mounting crade for accurate horizontal wait mounting	•		
Physical Security	EN 60601-1-2 EMC requirements for the Medical Directive 93/42/EEC		
Two security screw options (included)	Ordering Information		
Kensington lock hard point	MR53-HW: Meraki MR53 Cloud Managed 802.11ac AP		
Concealed mount plate with anti-tamper cable bay	MA-PWR-30W-XX: Meraki AC Adapter for MR Series (XX = US/EU/UK/AU)		
Soussaisa mount plate with anti-anniel capie Day			
conceared mount plate with anti-tamper cable bay	MA-IN I-5-XX: Meraki Multigigabit 802 3at Power over Ethernet Injector (XX = LIS/ELI/LIK/ALI)		
conceared mount plate with anti-tamper capie bay	MA-INJ-5-XX: Meraki Multigigabit 802.3at Power over Ethernet Injector (XX = US/EU/UK/AU Note: Meraki access point license required.		

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Compliance & Standards

IEEE Standards
802.11b
802.11ac
802.11i
Safety Approvals
UL 60950-1
CAN/CSA-C22.2 No. 60950-1
IEC 60950-1
EN 60950-1
UL 2043 (Plenum Rating)
Radio Approvals
FCC Part 15C, 15E
RSS-247 (Canada)
EN 300 328, EN 301 893 (Europe)
AS/NZS 4268 (Australia/NZ)
NOM-121 (Mexico)
NCC LP0002 (Taiwan)
For additional country-specific regulatory information
please contact Meraki sales
EMI Approvals (Class B)
FCC Part 15B
ICES-003 (Canada)
EN 301 489-1-17, EN 55032, EN 55024 (Europe)
CISPR 22 (Australia/NZ)
VCCI (Japan)
Exposure Approvals
FCC Part 2
RSS-102 (Canada)
EN 50385, EN 62311, EN 62479 (Europe)
AS/NZS 2772 (Australia/NZ)

AS/NZS 2772 (Australia/NZ)



RF Performance Table

Operating Band	Operating Mode	Data Rate	TX Power	RX Sensitivity
	802.11b	1 Mb/s	19 dBm	-98 dBm
		2 Mb/s	19 dBm	-93 dBm
2.4 GHz		5.5 Mb/s	19 dBm	-92 dBm
		11 Mb/s	19 dBm	-87 dBm
	802.11g	6 Mb/s	19 dBm	-92 dBm
		9 Mb/s	19 dBm	-91 dBm
		12 Mb/s	18 dBm	-90 dBm
		18 Mb/s	18 dBm	-88 dBm
2.4 GHz		24 Mb/s	18 dBm	-85 dBm
		36 Mb/s	18 dBm	-82 dBm
		48 Mb/s	17 dBm	-76 dBm
		54 Mb/s	17 dBm	-75 dBm
2.4 GHz		MCS0/8/16	19/22/23/27 dBm	-92/-95/-96/-98 dBm
		MCS1/9/17	18/21/22/24 dBm	-88/-91/-92/-94 dBm
		MCS2/10/18 18/21/22/24 dBm	-86/-89/-90/-92 dBm	
	90241 ₂₂ (UT20)	MCS3/11/19	17/20/21/23 dBm	-82/-85/-86/-88 dBm
	802.11n (HT20)	MCS4/12/20	17/20/21/23 dbm	-80/-83/-84/-86 dBm
		MCS5/13/21	16/19/20/25 dBm	-75/-78/-79/-81 dBm
		MCS6/14/22	15/18/19/21 dBm	-73/-76/-77/-79 dBm
		MCS7/15/23	15/18/19/21 dBm	-72/-75/-76/-78 dBm

RF Performance Table

Operating Band	Operating Mode	Data Rate	TX Power	RX Sensitivity
5 GHz	802.11a	6 Mb/s	20 dBm	-91 dBm
		9 Mb/s	20 dBm	-90 dbm
		12 Mb/s	20 dBm	-89 dbm
		18 Mb/s	20 dBm	-87 dBm
		24 Mb/s	19 dBm	-80 dBm
		36 Mb/s	19 dBm	-77 dBm
		48 Mb/s	18 dBm	-75 dBm
		54 Mb/s	18 dBm	-74 dBm
		MCS0/8/16	20/23/24 dBm	-91/-94/-95 dBm
		MCS1/9/17	20/23/24 dBm	-88/-91/-92 dBm
	802.11n (HT20)	MCS2/10/18	20/23/24 dBm	-85/-88/-89 dBm
5 GHz		MCS3/11/19	20/23/24 dBm	-82/-85/-86 dBm
5 0112		MCS4/12/20	19/22/23 dBm	-78/-81/-82 dBm
		MCS5/13/21	19/22/23 dBm	-74/-77/-78 dBm
		MCS6/14/22	18/21/22 dBm	-71/-74/-75 dBm
		MCS7/15/23	17/20/21 dBm	-72/-75/-76 dBm
5 GHz 802.11n (H		MCS0/8/16	20/23/24 dBm	-88/-91/-92 dBm
		MCS1/9/17	20/23/24 dBm	-85/-88/-89 dBm
		MCS2/10/18	20/23/24 dBm	-83/-86/-87 dBm
	802.11n (HT40)	MCS3/11/19	20/23/24 dBm	-79/-82/-83 dBm
	802.111 (H140)	MCS4/12/20	19/22/23 dBm	-76/-79/-80 dBm
		MCS5/13/21	19/22/23 dBm	-73/-76/-77 dBm
		MCS6/14/22	18/21/22 dBm	-72/-75/-76 dBm
		MCS7/15/23	17/20/21 dBm	-70/-73/-74 dBm

RF Performance Table

Self- MCS0000 20020426 dBm 99.49.99.97 dBm AMCS0010 20020426 dBm 99.49.99.97 dBm SGL MCS022222 200224226 dBm 99.49.99.97 dBm SGL 20022426 dBm 99.49.99.97 dBm 99.49.99.99 dBm SGL 20022426 dBm 97.49.99.84 dBm 97.49.99.84 dBm MCS040461 1922222 dBm 77.87.49.49 dBm MCS0404616 19212224 dBm 77.47.97.84 dBm MCS0404616 1922222 dBm 77.47.97.48.40 dBm MCS0404616 19222224 dBm 77.47.49.40 dBm MCS04000 2022424 dBm 98.99.92.94 dBm MCS04000 2022424 dBm 98.99.92.94 dBm MCS04000 2022424 dBm 98.99.92.94 dBm MCS04044 1922222 dBm 98.99.92.94 dBm MCS04044 1922222 dBm 98.99.92.94 dBm MCS1011 2022424 dBm 98.99.92.94 dBm MCS10222 dBm 78.97.96.92.92.92.95 dBm 78.97.96.92.92.92.95 dBm MCS1014 1922222 dBm 78.97.96.92.92.92.95.95.91.99.92.92.92.95.95.91.99.92.92.92.95.95.91.99.92.92.92.95.95.91.99.92.92.92.95.95.91.99.	Operating Band	Operating Mode	Data Rate	TX Power	RX Sensitivity
5 GHz 302,312,426 dBm -86,884-99,91 dBm 5 GHz 402,324,26 dBm -82,458,686 dBm 400,554,655 19,222,325 dBm -74,77,784,00 dBm 400,556,655 19,222,325 dBm -74,77,784,00 dBm 400,556,656 19,222,325 dBm -74,77,784,00 dBm 400,556,656 19,222,325 dBm -74,77,784,00 dBm 400,556,656 19,222,325 dBm -72,75,76,78 dBm 400,556,77,77 15,89,70,220 dBm -72,75,76,78 dBm 400,559,79,79 15,99,72,23,78 dBm -72,75,76,78 dBm 400,550,55 19,22,23,25 dBm -73,76,77,79 dBm 400,550,656 18,212,224 dBm -73,76,77			MCS0/0/0/0	20/23/24/26 dBm	-91/-94/-95/-97 dBm
SGH2AUX2312312022/24/26 dbm4:2/45/46/48 dbmSGH2B02.11ac (VHT20)MCS31/3/39/2022/25 cbm-7/8/30/204 dbmMCS51/05/0B12/12/24 dbm-7/8/30/204-7/8/30/204MCS51/05/0B12/12/24 dbm-7/8/30/204-7/8/30/204MCS51/05/0B12/12/24 dbm-7/8/30/204-7/8/30/204MCS90/09/0B18/19/21/24 dbm-7/8/30/204-7/8/30/204MCS90/09/099/18/80/21/204-86/69/70/204MCS90/09/02023/24/26 dbm-86/69/70/204-86/69/70/204MCS0/00/02023/24/26 dbm-83/96/79/90/204-86/69/70/204MCS0/00/02023/24/26 dbm-83/96/79/90/204-86/69/70/204MCS0/00/02023/24/26 dbm-83/96/79/90/204-7/37/77/70MCS0/00/02023/24/26 dbm-7/37/77/70-7/32/77/76/70/204MCS0/00/0-7/37/77/7017/20/21/23 dbm-7/37/77/70MCS0/00/0-7/37/77/7017/20/21/23 dbm-7/37/77/70MCS0/00/0-7/37/77/7017/20/21/23 dbm-7/37/77/70MCS0/00/0-7/32/22/20 dbm-7/37/77/70MCS0/00/0-7/37/77/7017/20/21/23 dbm-7/37/77/70MCS0/00/0-7/32/27/20 dbm-7/37/77/70MCS0/00/0-7/32/27/20 dbm-7/37/77/70MCS0/00/0-7/32/27/20 dbm-7/37/77/70MCS0/00/0-7/32/27/20 dbm-7/37/77/70MCS0/00/0-7/32/27/20 dbm-7/37/77/70MCS0/00/0-7/32/27/20 dbm-7/37/77/70MCS0/00/0-7/32/27/20 dbm-			MCS1/1/1/1	20/23/24/26 dBm	-88/-91/-92/-94 dBm
Beacher Beacher (HT20) MCS44444 99/22/32 GB -94/84/24/84 dB MCS56/65 92/22/32 GB -74/77/78-90 dB MCS56/65 19/22/22 dB -74/77/78-90 dB MCS66/66 19/22/22 dB -74/74/75/77/78 dB MCS68/87 16/92/02 dB -66/69/70/72 dBB MCS90/99 15/18/971 dB -62/55/56/78 dBB MCS90/99 19/22/325 dB -73/78/77/79 MCS90/99 19/22/325 dB -73/75/77/79 MCS90/99 15/18/971 dB -60/63-66/6 MCS90/99 15/18/971 dB <td></td> <td></td> <td>MCS2/2/2/2</td> <td>20/23/24/26 dBm</td> <td>-85/-88/-89/-91 dBm</td>			MCS2/2/2/2	20/23/24/26 dBm	-85/-88/-89/-91 dBm
5 GH2 802.1tec (VHT20) MC55/5/5/5 99.22/23/2 dbm 7.4/77/78/80 dbm MC55/5/57 MC55/5/57 MC57/77/77 17/2021/23 dbm 7.17/47/57/7 dbm MC59/9/9 15/18/9/21 dbm 66/69/70/72 dbm 66/69/70/72 dbm MC59/9/99 15/18/9/21 dbm 66/69/70/72 dbm 66/69/70/72 dbm MC59/9/99 15/18/9/21 dbm 66/69/70/72 dbm 66/69/70/72 dbm MC59/00/00 20222/4/26 dbm 68/69/70/72 dbm 66/69/70/72 dbm MC52/21/2 20223/4/26 dbm 68/69/70/72 dbm 68/69/70/72 dbm MC52/21/2 20223/4/26 dbm 68/69/70/72 dbm 67/73/68/77/70 MC52/21/2 20223/4/26 dbm 68/69/70/72 dbm 67/73/68/77/70 MC52/21/2 20223/24/26 dbm 68/69/70/72 dbm 67/73/68/77/70 MC52/21/2 20223/24/26 dbm 72/75/76/76/78 dbm 67/73/68/77/70 MC55/6/6/6 18/21222/4 dbm 72/75/76/78 dbm 67/73/68/77/70 MC55/77/77 17/2021/22 dbm 67/73/68/77 70/73/77 70/73/77 70/73/77 70/73/77 70/73/77 70/73/76/77 <			MCS3/3/3/3	20/23/24/26 dBm	-82/-85/-86/-88 dBm
Self-rMCSS6/8/51922/23/23 dm74/77/78/80 dmMCS6/6/6/518/21/22/4 dm-71/74/77/78 dmMCS6/6/6/518/21/22/24 dm-71/74/77/78 dmMCS7/77/7717/20/22/23 dm-71/74/76/78 dmMCS8/8/8/816/19/20/22 dm-66/64/70/72 dmMCS8/8/8/816/19/20/22 dm-66/64/70/72 dmMCS8/8/8/815/19/22/42 dm-82/84/94/14mMCS9/01/020/23/42 dm-83/84/94/14mMCS9/01/020/23/42 dm-83/84/94/14mMCS9/21/2120/23/42 dm-83/84/84/14mMCS9/21/2120/23/42 dm-73/94/84/84 dmMCS9/11/2119/22/23 dm-73/94/84/84 dmMCS9/66/6618/22/22/24 dm-73/94/74/76 dmMCS9/66/6618/22/22/24 dm-73/74/74/76 dmMCS9/98/915/18/19/21 dm-60/63/64/66 dmMCS9/98/915/18/19/21 dm-60/63/64/66 dmMCS9/98/915/18/19/21 dm-63/64/67/74/76 dmMCS9/98/915/18/19/21 dm-63/64/67/74/76 dmMCS9/98/915/18/19/21 dm-63/64/67/74/76 dmMCS9/98/915/18/19/21 dm-63/64/67/74/76 dmMCS9/98/915/18/19/21 dm-63/64/76/74 dmMCS9/98/915/18/19/21 dm-63/64/67/74/76 dmMCS9/98/915/18/19/21 dm-63/64/67/74/76MCS9/98/915/18/19/21 dm-63/64/67/74/76MCS9/98/915/18/19/21 dm-63/64/67/74/76MCS9/98/915/18/19/21 dm-63/64/67/74/76MCS9/98/915/18/19/21 dm-63/64/67/74/76MCS9/98/9 <td< td=""><td>5 GHz</td><td>802 11ac (V/HT20)</td><td>MCS4/4/4/4</td><td>19/22/23/25 dBm</td><td>-78/-81/-82/-84 dBm</td></td<>	5 GHz	802 11ac (V/HT20)	MCS4/4/4/4	19/22/23/25 dBm	-78/-81/-82/-84 dBm
Image: series of the secience of the se	5 6112	002.Hat (VH120)	MCS5/5/5/5	19/22/23/25 dBm	-74/-77/-78/-80 dBm
Image: constraint of the second sec			MCS6/6/6/6	18/21/22/24 dBm	-71/-74/-75/-77 dBm
Image: series of the series			MCS7/7/7/7	17/20/21/23 dBm	-72/-75/-76/-78 dBm
5 GHz 802.11ac (VHT40) MCS0/0/00 20/23/24/26 dBm -88/91/-92/94 dBm 5 GHz 802.11ac (VHT40) MCS2/2/2/2 20/23/24/26 dBm -83/46/-37/94 dBm 802.11ac (VHT40) MCS3/3/3 20/23/24/26 dBm -76/79/80/82 dBm MCS3/3/3 20/223/24/26 dBm -76/79/80/82 dBm MCS3/3/3 20/223/24/26 dBm -76/79/80/82 dBm MCS5/5/55 19/22/22/25 dBm -76/79/80/82 dBm MCS6/6/66 18/21/22/24 dBm -76/79/80/82 dBm MCS9/9/9 15/16/19/20/22 dBm -70/73/74/76 dBm MCS9/9/9 15/16/19/20/22 dBm -70/73/74/76 dBm MCS9/9/9 15/16/19/20/22 dBm -76/79/80/82 dBm MCS9/9/9 19/22/23/26 dBm -76/79/80/82 dBm MCS9/9/9/9 15/16/19/20/22 dBm -76/79/80/82 dBm MCS9/9/9/9 15/16/19/20/22 dBm -76/79/80/82 dBm MCS9/9/9/9 19/22/22/26 dBm <td></td> <td></td> <td>MCS8/8/8/8</td> <td>16/19/20/22 dBm</td> <td>-66/-69/-70/-72 dBm</td>			MCS8/8/8/8	16/19/20/22 dBm	-66/-69/-70/-72 dBm
FGHzAdd/solutionSolutionSolution5 GHz802.11cr (VHT40)MCS3/3/320/23/24/26 dBm33/-86/-87/-89 dBm802.11cr (VHT40)MCS3/3/320/23/24/26 dBm79/-82/-83/-86 dBmMCS3/3/310/22/23/25 dBm72/-75/-76/-7770/-72/-80/-76/-77/-90 dBmMCS3/5/5/510/22/22/24 dBm72/-75/-76/-7770/-72/-76/-77MCS6/6/6/610/22/22/24 dBm70/-73/-74/-76 dBmMCS6/6/6/617/-72/-76/-7770/-72/-76/-77MCS6/6/6/617/-72/-76/-7770/-72/-76/-76MCS6/6/6/617/-72/-76/-7670/-72/-76/-76MCS6/6/6/612/22/24 dBm56/-86/-69/-69/-69802.11cr (VHT80)MCS0/00/020/32/42/6 dBmMCS6/6/6/620/23/24/26 dBm76/-79.80/-82802.11cr (VHT80)MCS6/6/618/12/22/-4 dBmMCS6/6/6/618/12/22/-4 dBm76/-79.80/-8290.11cr (VHT80)MCS6/6/618/12/22/-4 dBm100.1211/12/22/-4 dBm66/-69/-70/-72101.1211/12/22/-4 dBm66/-69/-70/-72101.1211/12/22/-4 dBm65/-68/-69/-69/-71101.1211/12/22/-4 dBm65/-68/-69/-69/-71101.1211/12/22/-4 dBm65/-68/-69/-71101.1211/12/22/-4 dBm65/-68/-69/-71101.1211/12/22/-4 dBm65/-68/-69/-71101.1211/12/22/-4 dBm65/-68/-69/-71101.1211/12/22/-4 dBm65/-68/-69/-71101.1211/12/22/-4 dBm65/-68/-69/-71101.1211/12/-12/-1211/12/-12 <t< td=""><td></td><td></td><td>MCS9/9/9/9</td><td>15/18/19/21 dBm</td><td>-62/-65/-66/-68 dBm</td></t<>			MCS9/9/9/9	15/18/19/21 dBm	-62/-65/-66/-68 dBm
5 GHz 80/211cr (VHT40) MCS1/21/21 20/23/24/20 dBm 83/38//39/39 dBm 5 GHz 80/211cr (VHT40) MCS2/22/21 BM 73/76/77/39 80/211cr (VHT40) MCS3/3/33 20/33/24/20 dBm 73/76/77/39 MCS3/3/31 20/23/24/20 dBm 73/76/77/39 76/79/30/22 MCS3/5/5/5 19/22/23/25 dBm 73/76/77/76 dBm MCS3/8/8/8 16/19/20/22 dBm 63/66/67/6 dBm MCS3/9/9/9 15/18/19/21 dBm 63/66/67/69 dBm MCS3/0/000 20/23/24/26 dBm 63/88/89/91 dBm MCS3/0/31 20/23/24/26 dBm 63/88/89/91 dBm MCS3/0/31 20/23/24/26 dBm 73/76/77/76 dBm MCS3/0/31 20/23/24/26 dBm 73/82/83/86 dBm MCS3/0/31 20/23/24/26 dBm 72/75/76/74 dBm MCS3/0/31 20/23/24/26 dBm 72/75/76/74 d			MCS0/0/0/0	20/23/24/26 dBm	
5 GHz 79/32/42/6 dBm 79/32/43/6 dBm 9 GHz 8021tic (VH140) MCS3/3/33 20/23/24/26 dBm 79/32/43/85 dBm 9 GHz 8021tic (VH140) MCS3/3/33 19/22/23/25 dBm 73/32/43/53 dBm 9 GHz 19/22/23/25 dBm 73/76/77 19/20/23/24 dBm 73/76/77 10 GS8/6/6/6 18/21/22/24 dBm 72/75/76/78 dBm 70/33/74/76 dBm MCS8/6/8/9 15/12/20/21 dBm 70/73/74/76 dBm 63/66/67/69 dBm MCS8/6/8/9/8 15/12/10/21 dBm 63/66/67/69 dBm 63/66/67/69 dBm MCS8/6/8/9/8 15/12/10/21 dBm 63/66/67/69 dBm 70/73/74/76 dBm MCS8/6/8/9/8 15/12/10/21 dBm 63/66/67/69 dBm 70/75/76/78 dBm MCS8/6/8/8 20/23/24/26 dBm 79/42/83/85 dBm 70/75/76/78 dBm MCS8/6/8/8 19/22/23/25 dBm 79/42/83/85 dBm 70/75/76/78 dBm MCS8/6/6/6 18/22/22/24 dBm 70/75/76/78 dBm 70/75/76/78 dBm MCS8/6/8/8 18/22/22/24 dBm 70/75/76/78 dBm 70/75/76/78 dBm MCS8/6/8/8 18/19/22/22/24 dBm 65/66/6/6 70/777 </td <td></td> <td></td> <td>MCS1/1/1/1</td> <td>20/23/24/26 dBm</td> <td>-85/-88/-89/-91 dBm</td>			MCS1/1/1/1	20/23/24/26 dBm	-85/-88/-89/-91 dBm
6 Hz 20/32/420 dBm 70/79/80/82 dBm 5 GHz 802.11ac (VHT40) MCSS/6/5/5 19/22/2325 dBm -73/76/77/79 dBm 6 MCS 19/22/2325 dBm -73/76/77/79 dBm -70/73/74/76 dBm -70/73/74/76 dBm 6 MCS 18/21/22/24 dBm -70/73/74/76 dBm -63/66/67/69 dBm -63/66/67/69 dBm 7 16/79/20/22 dBm 16/9/20/22 dBm 63/66/67/69 dBm -63/66/67/69 dBm 7 16/79/20/22 dBm 65/88/78/88 16/9/20/22 dBm 65/88/88/89/91 dBm 7 64/76 65/88/78/88 20/23/24/26 dBm 85/88/89/91 dBm 7 64/76 65/88/78/88 20/23/24/26 dBm 85/88/89/91 dBm 8 66/27/2012 20/23/24/26 dBm 85/88/89/91 dBm 6 66/21/2012 20/23/24/26 dBm 66/69/70/72 dBm 8 602.11ac (VHT80) MCS3/0/303 20/23/24/26 dBm 66/69/70/72 dBm 6 6 6 19/2/23/25 dBm 66/69/70/72 dBm 66/69/70/72 dBm 6 6 6 6 6 6 6 6			MCS2/2/2/2	20/23/24/26 dBm	-83/-86/-87/-89 dBm
B GHz B02.11ac (WHT40) Micls/M44 H02.22.03 bin G GHz 9/22.2325 bin -73/76/77/79 din M CS5/6/5/S 19/22.2325 bin -73/76/77/78 din M CS5/6/6/6 18/21/22/4 din -70/73/74/76 din M CS6/6/6/6 18/21/22/4 din -70/73/74/76 din M CS6/6/6/6 16/19/20/22 din -60/63/64/64 din M CS9/9/9 15/18/9/21 din -60/63/64/64 din M CS9/0/00 20/23/24/26 din -85/88/89/91 din M CS9/0/01 20/23/24/26 din -75/76/78 din M CS9/01/02 20/23/24/26 din -75/76/78 din M CS9/01/02 19/22/23/25 din -75/76/78 din M CS9/01/02 19/22/23/26 din -66/69/71/72/14 din M CS9/01/02 19/22/23/26 din -66/69/71/72/14 din M CS9/01/02 19/22/23/26 din -66/69/71/72/14 din M CS9/01/02 16/19/20/22 din -66/69			MCS3/3/3/3	20/23/24/26 dBm	
5 GHz 19/22/23/25 dBm 19/22/23/25 dBm 19/22/23/25 dBm MCS5/6/6/6 18/21/22/24 dBm 72/75/76/78 dBm MCS5/7/77 17/22/21/23 dBm 70/73/74/76 dBm MCS9/9/9/9 16/19/20/22 dBm 63/66/67/69 dBm MCS9/9/9/9 15/81/9/21 dBm 60/63/64/69 dBm MCS9/9/9/9 20/23/24/26 dBm 88/88/89/91 dBm MCS9/0/0/0 20/23/24/26 dBm 88/88/89/91 dBm MCS9/1/1/1 20/23/24/26 dBm 88/88/89/91 dBm MCS9/1/1/1 20/23/24/26 dBm 88/88/89/91 dBm MCS9/1/1/1 20/23/24/26 dBm 79/82/83/85 dBm MCS9/1/1/1 20/23/24/26 dBm 79/82/83/85 dBm MCS9/1/1/1 20/23/24/26 dBm 79/82/83/85 dBm MCS9/1/1/1 19/22/23/25 dBm 72/75/76/78 dBm MCS9/1/2/1 19/22/23/25 dBm 66/69/70/72 dBm MCS9/9/99 15/18/19/21 dBm 65/66/69/71 dBm MCS9/9/99 15/18/19/21 dBm 65/66/69/71 dBm MCS9/99/99 15/18/19/21 dBm 65/66/69/71 dBm MCS9/99/99 15/18/19/21 dBm 65/66/667 dBm <td>5.014</td> <td>000440/(1740)</td> <td>MCS4/4/4/4</td> <td>19/22/23/25 dBm</td> <td>-76/-79/-80/-82 dBm</td>	5.014	000440/(1740)	MCS4/4/4/4	19/22/23/25 dBm	-76/-79/-80/-82 dBm
5 GHz 100000 10021224 dam -70/73/74/-76 dBm MCSS9/9/9 15/18/9/21 dBm -60/-63/-64/-66 dBm MCS9/9/9/9 15/18/9/21 dBm -60/-63/-64/-66 dBm MCS9/9/9/9 15/18/9/21 dBm -60/-63/-64/-66 dBm MCS9/9/9/9 15/18/19/21 dBm -60/-63/-64/-66 dBm MCS9/9/9/9 20/23/24/26 dBm -85/-88/-89/-91 dBm MCS1/1/1/1 20/23/24/26 dBm -79/-80/-82 dBm MCS1/1/1/1 20/23/24/26 dBm -79/-80/-82 dBm MCS3/3/3 20/23/24/26 dBm -79/-76/-78 dBm MCS3/3/3 20/23/24/26 dBm -72/-75/-76/-78 dBm MCS3/3/3 20/23/24/26 dBm -72/-75/-76/-78 dBm MCS5/5/5/5 19/22/23/25 dBm -72/-75/-76/-78 dBm MCS6/6/6/6 18/21/22/44 dBm -66/-69/-71/24 dBm MCS9/9/9/9 116/19/20/22 dBm -65/-68/-69/-71 dBm MCS9/9/9/9 116/19/20/22 dBm -65/-68/-69/-71 dBm MCS9/9/9/9 15/18/9/21 dBm -65/-68/-69/-71 dBm MCS9/9/9/9 15/18/9/21 dBm -76/-68/-68/-68/-68/-68/-68/-68/-68/-68/-6	5 GHZ	802.11ac (VH140)	MCS5/5/5/5	19/22/23/25 dBm	-73/-76/-77/-79 dBm
Image: First state First state First state <td></td> <td></td> <td>MCS6/6/6/6</td> <td>18/21/22/24 dBm</td> <td>-72/-75/-76/-78 dBm</td>			MCS6/6/6/6	18/21/22/24 dBm	-72/-75/-76/-78 dBm
Initial Initeae Initial Initial Initial Initial Initial Initial			MCS7/7/7/7	17/20/21/23 dBm	
5 GHz 20/23/24/26 dBm -85/-88/-89/-91 dBm 5 GHz 20/23/24/26 dBm -85/-88/-89/-91 dBm 6 MCS0//0/0 20/23/24/26 dBm -81/-84/-85/-87 dBm 6 MCS2/2/2/2 20/23/24/26 dBm -79/-82/-83/-85 dBm 6 MCS2/2/2/2 20/23/24/26 dBm -79/-82/-83/-85 dBm 6 MCS2/2/2/2 20/23/24/26 dBm -76/-79/-80/-82 dBm 6 MCS3/3/3/3 20/2/32/2/26 dBm -72/-75/-78 dBm 6 MCS5/5/5/5 19/2/2/32/5 dBm -72/-75/-78 dBm 6 MCS5/5/5/5 19/2/2/32/2 dBm -66/-69/-70/-72 dBm MCS5/7/77/7 17/2/0/21/23 dBm -66/-66/-67 dBm MCS5/8/8/8 16/19/20/22 dBm -65/-66/-66 dBm MCS9/9/9/9 15/18/19/21 dBm -65/-66/-66 dBm MCS1 20 dBm -78 dBm 76 dBm -78 dBm -76 dBm MCS2 19 dBm -73 dbm MCS1 19 dBm -73 dbm MCS1 19 dBm -69 dBm MCS1 19 dBm -69 dBm MCS2 19 dBm -63 dBm			MCS8/8/8/8	16/19/20/22 dBm	-63/-66/-67/-69 dBm
FGHzARX-85-87 dBm-81/-84/-85/-87 dBm5 GHz20/23/242 dBm-79/-82/-83/-85 dBm802.11ac (VHT80)MCS2//2/220/23/24 dBm-76/-73/-80 dBmMCS3/3/319/22/23/25 dBm-72/-75/-76/-76 dBm-86/-70/-72 dBmMCS5/5/5/519/22/23/25 dBm-66/-70/-72 dBm-66/-70/-72 dBmMCS5/6/6/618/20/22 dBm-66/-69/-70/-72 dBm-66/-70/-72 dBmMCS7/7/711/20/22 dBm-65/-66/-70 dBm-65/-66/-70 dBmMCS7/7/711/20/22 dBm-65/-66/-70 dBm-65/-66/-70 dBmMCS7/7/711/20/22 dBm-65/-66/-67 dBm-61/-66/-67 dBmMCS7/7/711/20/22 dBm-65/-66/-70 dBm-65/-66/-70 dBmMCS9/9/915/18/10 dBm-65/-66/-70 dBm-61/-66/-67 dBmMCS9/9/915/18/-70 dBm-61/-66/-67 dBm-61/-66/-67 dBmMCS9/9/915/18/-70 dBm-61/-66/-67-61/-66/-67MCS9/9/915/18/-70 dBm-61/-66/-67-61/-67MCS9/9/915/18/-70 dBm-76/-67-76/-67MCS9/9/919/-70-76/-76-77/-76MCS9/9/919/-70-77/-76-76/-76MCS9/9/9-61/-76-77/-76-77/-76MCS9/9/9-61/-76-77/-76-76/-76MCS9/9/9-61/-76-77/-76-77/-76MCS9/9/9-61/-76-77/-76-76/-76MCS9/9/9-61/-76-77/-76-77/-76MCS9/9/9-61/-76-77/-76-77/-76MCS9/9/9-61/-76-77/-76-77/-76<			MCS9/9/9/9	15/18/19/21 dBm	-60/-63/-64/-66 dBm
5 GHZ20/23/24/26 dBm-79/82/83/85 dBm5 GHZ802/11c (VHT80)MCS3/3/320/23/24/26 dBm-76/79/80/82 dBmMCS3/4/4/419/22/23/25 dBm-72/75/76/78 dBmMCS4/4/4/419/22/23/25 dBm-66/67/72/24 dBmMCS6/6/618/21/22/4 dBm-66/69/71/22 dBmMCS7/7/717/20/21/23 dBm-66/69/71/28 dBmMCS9/9/9015/18/19/21 dBm-65/68/69/71 dBmMCS9/9/9115/18/19/21 dBm-65/68/69/71 dBmMCS9/9/9115/18/19/21 dBm-65/68/69/71 dBmMCS99/915/18/19/21 dBm-65/68/69/71 dBmMCS99/915/18/19/21 dBm-65/68/69/71 dBmMCS99/915/18/19/21 dBm-65/68/69/71 dBmMCS99/915/18/19/21 dBm-76 dBmMCS120 dBm-76 dBmMCS219 dBm-76 dBmMCS319 dBm-77 dbmMCS419 dBm-69 dBmMCS419 dBm-69 dBmMCS519 dBm-65 dBmMCS519 dBm-65 dBmMCS618 dBm-65 dBm			MCS0/0/0/0	20/23/24/26 dBm	-85/-88/-89/-91 dBm
5 GHz AMCS3/3/3 20/32/4/6 dBm -76/-79/-804 dBm 5 GHz MCS3/4/4/4 19/22/32/5 dBm -72/-75/-76/-78 dBm MCS5/5/5 19/22/32/5 dBm -66/-99/-70/-20 dBm MCS6/6/6 18/21/22/4 dBm -66/-99/-70/-20 dBm MCS9/9/9 11/20/21/23 dBm 65/-68/-67/-01 dBm MCS9/9/9 11/10/20/22 dBm 65/-68/-67/-01 dBm MCS9/9/9 15/18/19/21 dBm -59/-62/-63/-63 MCS9 MCS1 20 dBm -82/-63/-63 MCS1 20 dBm -78/-63 -78/-63 MCS2 19 dBm -76/-63 -76/-76 MCS2 19 dBm -76/-78 -76/-76 MCS2 19 dBm -76/-76 -76/-76 MCS2 19 dBm -76/-76 -76/-76 MCS2 19 dBm -76/-76 -76/-76 MCS4 19 dBm <td></td> <td></td> <td>MCS1/1/1/1</td> <td>20/23/24/26 dBm</td> <td>-81/-84/-85/-87 dBm</td>			MCS1/1/1/1	20/23/24/26 dBm	-81/-84/-85/-87 dBm
5 GHz802.11ac (VHT80)MCS4/4/44 MCS5/5/5/519/22/32.5 dBm 19/22/32.5 dBm 19/22/32.5 dBm 6.66.09/70.7 dBm 6.67.04.00FFF <td< td=""><td></td><td rowspan="8">802.11ac (VHT80)</td><td>MCS2/2/2/2</td><td>20/23/24/26 dBm</td><td>-79/-82/-83/-85 dBm</td></td<>		802.11ac (VHT80)	MCS2/2/2/2	20/23/24/26 dBm	-79/-82/-83/-85 dBm
5 GHz802.11ac (VHT80)MCS5/5/5/519/22/325 dBm-68/71/72/74 dBmMCS5/5/518/21/22/4 dBm-66/-69/70/72 dBm-66/-69/70/72 dBmMCS5/7/7717/20/2123 dBm-65/-68/-69/-71 dBmMCS7/77/717/20/2123 dBm-65/-68/-69/-71 dBmMCS8/8/8/816/19/20/22 dBm-61/-64/-65/-67 dBmMCS9/9/9015/18/19/21 dBm-59/-62/-63/-63 dBmMCS9MCS020 dBm-59/-62/-63/-63 dBmMCS120 dBm-778 dBmMCS219 dBm-73 dBmMCS319 dBm-69 dBmSG11ac (VHT80P80/VHT160)MCS519 dBmMCS419 dBm-65 dBmMCS519 dBm-65 dBmMCS618 dBm-65 dBm			MCS3/3/3/3	20/23/24/26 dBm	-76/-79/-80/-82 dBm
Kink Kink MCS5/5/5/5 19/22/23/25 dBm -68/-71/-72/-74 dBm HACS5/5/5/5 18/21/22/24 dBm -66/-69/-70/-72 dBm -66/-69/-70/-72 dBm MCS5/7/7/7 11/20/21/23 dBm -65/-68/-69/-71 dBm -65/-68/-69/-71 dBm MCS9/9/9/9 11/20/22 dBm -65/-68/-69/-71 dBm -65/-68/-69/-71 dBm MCS9/9/9/9 15/81/9/21 dBm -65/-68/-63/-63 dBm -65/-68/-63/-63 dBm MCS9 MCS0 20 dBm -82 dBm MCS1 20 dBm -82 dBm MCS2 19 dBm -75 dBm MCS3 19 dBm -73 dbm MCS4 19 dBm -69 dBm MCS5 19 dBm -65 dBm MCS5 19 dBm -65 dBm MCS6 18 dBm -63 dBm	5 GHz		MCS4/4/4/4	19/22/23/25 dBm	-72/-75/-76/-78 dBm
MCS7/7/7 MCS8/8/817/20/21/23 dBm 16/19/20/22 dBm-65/-68/-69/-71 dBm -61/-64/-65/-7 dBm -61/-64/-65/-7 dBm -61/-64/-65/-7 dBm -59/-54 dBmMCS9/9/915/18/19/21 dBm-59/-62/-63/-63MCS9/9/915/18/19/21 dBm-63/-63MCS120 dBm-78 dBm -78 dBm -76 dBmMCS219 dBm-76 dBmSGHz802.11ac (VHT80P80/VHT160)MCS3MCS419 dBm-65 dBm -65 dBm MCS6MCS519 dBm-65 dBm -65 dBmMCS618 dBm-65 dBm -65 dBm	5 0112		MCS5/5/5/5	19/22/23/25 dBm	-68/-71/-72/-74 dBm
MCS8/8/8 16/19/20/20 Hmmm -61/-64/-67/-61Hmmm MCS9/9/9/0 15/18/19/21 dBm -59/-62/-63/-65 dBm MCS0 20 dBm -82 dBm MCS1 20 dBm -78 dBm MCS2 19 dBm -76 dBm SGHz MCS1 19 dBm -73 dbm MCS1 19 dBm -69 dBm -69 dBm MCS2 19 dBm -69 dBm -69 dBm MCS5 19 dBm -65 dBm -65 dBm MCS5 19 dBm -65 dBm -65 dBm			MCS6/6/6/6	18/21/22/24 dBm	-66/-69/-70/-72 dBm
Image: space s			MCS7/7/7/7	17/20/21/23 dBm	-65/-68/-69/-71 dBm
K K <thk< th=""> K K K</thk<>			MCS8/8/8/8	16/19/20/22 dBm	-61/-64/-65/-67 dBm
h h h 20 dBm -78 dBm h h 19 dBm -76 dBm h h 19 dBm -73 dbm h h 19 dBm -73 dbm h h 19 dBm -69 dBm h h 19 dBm -65 dBm h h 18 dBm -65 dBm			MCS9/9/9/9	15/18/19/21 dBm	-59/-62/-63/-65 dBm
MCS2 19 dBm -76 dBm 5 GHz 19 dBm -73 dbm 802.11ac (VHT80P80/VHT160) MCS4 19 dBm -69 dBm MCS5 19 dBm -65 dBm -65 dBm MCS6 18 dBm -63 dBm	5 GHz	802.11ac (VHT80P80/VHT160)	MCS0	20 dBm	-82 dBm
SGHz MCS3 19 dBm -73 dbm 5 GHz 802.11ac (VHT80P80/VHT160) MCS4 19 dBm -69 dBm MCS5 19 dBm -65 dBm -65 dBm MCS6 18 dBm -63 dBm			MCS1	20 dBm	-78 dBm
5 GHz 802.11ac (VHT80P80/VHT160) MCS4 19 dBm -69 dBm MCS5 19 dBm -65 dBm -65 dBm MCS6 18 dBm -63 dBm			MCS2	19 dBm	-76 dBm
5 GHz 802.11ac (VHT80P80/VHT160) MCS5 19 dBm -65 dBm MCS6 18 dBm -63 dBm			MCS3	19 dBm	-73 dbm
MCS5 19 dBm -65 dBm MCS6 18 dBm -63 dBm			MCS4	19 dBm	-69 dBm
			MCS5	19 dBm	-65 dBm
MCS7 17 dbm -62 dBm			MCS6	18 dBm	-63 dBm
			MCS7	17 dbm	-62 dBm
MCS8 16 dBm -58 dBm			MCS8	16 dBm	-58 dBm
MCS9 15 dBm -56 dbm			MCS9	15 dBm	-56 dbm

Signal Coverage Patterns

Radiation Pattern for 2.4GHz Antennas



Radiation Pattern for 5GHz Antennas

