

Test Result
WLAN W53

Radio Group	Article 2-1-19-3	Frequency	5.26-5.32GHz
Radio Type	IEEE 802.11a, 6Mbps, W52/53	Channels	20MHz step 4 carriers
Model Name	LEX-M07-001 2X2 MIMO	Test Site	Matsuda Laboratory/No.2 Test Site
Serial number	27X1100 C7 81 11	Temperature/Humidity	May 21, 2018/27degreeC/46%rh
Test Procedure	MIC Annex	Test Engineer	Naohei Murakami

Test Set	Manufacturer	Serial Number	Calibration Company	Calibrated Date	Calibarion Class
Spectrum Analyzer N9030A	Agilent	MY52350520	Intertek Japan	2017/11/16	RL24-2-4-2-ni
Power Meter E4418B	Hewlett Packard	GB38410265	Intertek Japan	2017/6/7	RL24-2-4-2-ni
Power Sensor 8482A	Hewlett Packard	US37292237	Intertek Japan	2017/6/7	RL24-2-4-2-ni

Test Item	limit	unit	DC 5.0 V			DC 5.5 V			DC 4.5 V			Judge	Note
Frequency	NA	MHz		5320.0			5320.0			5320.0		ment	
Frequency Error	20	ppm		0.68			0.98			1.08		ok	
Occupied Bandwidth	19	MHz		16.733			16.806			16.78		ok	
												-	
Spurious	30 ~ 1000 MHz	-26 dBm/MHz		-51.99			-50.80			-51.61		ok	
		MHz		868.10			963.63			753.69			
	1000 ~ 2000 MHz	-26 dBm/MHz		-49.75			-50.68			-50.40		ok	
		MHz		1955.08			1996.15			1949.65			
	2000 ~ 5135 MHz	-26 dBm/MHz		-42.77			-43.22			-43.96		ok	
		MHz		5075.91			4981.70			3753.95			
	5365 ~ 10000 MHz	-26 dBm/MHz		-45.42			-45.51			-45.52		ok	
		MHz		5521.32			5693.62			5705.44			
	10000 ~ 15000 MHz	-26 dBm/MHz		-45.71			-45.24			-45.07		ok	
		MHz		14373.13			13610.25			14533.75			
	15000 ~ 20000 MHz	-26 dBm/MHz		-43.65			-43.64			-43.84		ok	
		MHz		19354.38			19989.38			19391.88			
	20000 ~ 3E+05 MHz	-26 dBm/MHz		-40.07			-40.17			-39.46		ok	
		MHz		25772.15			25598.60			25636.70			
												-	
												-	
OBE(f-Df)	5140 ~ 5233 MHz	-26 dBm/MHz		-42.90			-44.05			-44.61		ok	
		MHz		5224.62			5158.47			5231.53			
OBE(f+Df)	5233.3 ~ 5240 MHz	sl dBm/MHz		-42.48			-41.84			-42.44		ok	
		MHz		5238.20			5236.48			5237.88			
OBE(f-Df)	5240 ~ 5249 MHz	sl dBm/MHz		-42.83			-42.38			-42.18		ok	
		MHz		5246.80			5240.54			5244.91			
OBE(f+Df)	5249 ~ 5250 MHz	sl dBm/MHz		-42.83			-42.66			-42.79		ok	

OBE(f-Df)	5230 ~ 5267 MHz	-26	MHz dBm/MHz MHz	5246.80 -43.58 5241.88	5249.44 -42.75 5243.65	5249.92 -43.13 5242.84	ok - -
Adjacent CH Interference	- 20 MHz + 20 - 40 MHz + 40	-25 -25 -40 -40	dBc/19MHz dBc/19MHz dBc/19MHz dBc/19MHz	-41.24 -40.36 -46.72 -47.23	-41.23 -40.30 -46.59 -47.08	-41.22 -40.35 -46.68 -47.16	ok ok ok ok
Rated power Antenna Power	-80 -	3 10 20	mW/MHz %	2.160 -28	2.160 -28	2.160 -28	ok ok
Antenna Power(eirp)	Antenna gain 2.8/2.6dBi	5	mW/MHz	4.017	4.017	4.017	ok -
Collateral emission	30 ~ 1000 MHz 1000 ~ 3000 MHz 3000 ~ 10000 MHz 10000 ~ 26000 MHz	-54 -47 -47 -47	dBm/100kHz MHz dBm/MHz MHz dBm/MHz MHz	-81.03 881.39 -68.32 2460.60 -64.86 3798.35 -60.86 25636.40	-81.76 951.40 -68.49 2486.60 -64.25 3735.53 -60.83 25583.60	-80.28 826.47 -65.79 2465.90 -65.22 3727.48 -60.98 25565.20	ok ok ok ok ok ok ok -
TX Burst Length	Less than	4	m second	1.02			ok -
Transmit power control	is		complies				-
System:ID	yes		complies				ok
System:Carrier Sense	yes		complies				ok
							-
							-