Test Result
WLAN W52

Radio Group	Article 2-1-19-3	Frequency	5.18-5.240GHz
Radio Type	WLAN 802.11n(40), MCS8, W52	Channels	40MHz step 2 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 22, 2018/26degreeC/47%rh
Antenna Power	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			Judgement	Note
Frequency			NA	MHz	5190.0	5230.0		5230.0	5230.0		5190.0	5230.0		ment	
Frequency Error			20	ppm	2.26	2.83		2.53	1.64		1.82	1.39		ok	
Occupied Bandwidth			38	MHz	36.10	36.09		36.09	36.12		36.10	36.13		ok	
														-	
														-	
														-	
Spurious	30 ~	1000 MHz	-26	dBm/MHz	-51.85	-50.82		-52.06	-50.85		-52.25	-51.6		ok	
				MHz	743.05	377.89		781.56	785.9		144.9	860.76			
	1000 ~	2000 MHz	-26	dBm/MHz	-49.38	-50.94		-50.78	-50.41		-51.08	-51.26		ok	
				MHz	1337.5	1465.7		1945.2	1998.9		1993.2	1900.4			
	2000 ~	5100 MHz	-26	dBm/MHz	-41.57	-42.57		-41.78	-43.06		-41.43	-42.95		ok	
				MHz	5091.5	5047.4		5096.4	5085.2		5098.8	5079.8			
	5400 ~	10000 MHz	-26	dBm/MHz	-44.58	-44.96		-44.62	-45.45		-45.69	-45.57		ok	
				MHz	5536.2	5515.6		5593	5597		5483.3	5477.2			
	10000 ~	15000 MHz	-26	dBm/MHz	-46.24	-45.68		-46.07	-45.78		-45.66	-44.68		ok	
				MHz	14141	14434		10822	14867		14765	13834			
	15000 ~	20000 MHz	-26	dBm/MHz	-44.4	-43.68		-44.13	-43.48		-44.53	-43.35		ok	
				MHz	19302	19959		19004	19394		19362	19172			
	20000 ~	260000 MHz	-26	dBm/MHz	-41	-39.21		-40.98	-40.55		-39.83	-40.18		ok	
				MHz	25633	25592		25539	25718		25598	25674			
														-	
														-	
OBE(f1-f2)	5100 ~	5141.6 MHz	-26	dBm/MHz	-35.77	-41.14		-36.09	-41.16		-34.84	-39.56		ok	
				MHz	5137.9	5139.6		5140.9	5140.3		5140.6	5139.3			
OBE(f1-f2)	5141.6 ~	5150 MHz	-18.3	dBm/MHz	-32.1	-39.74		-32.33	-39.93		-32.46	-39.58		ok	
				MHz	5146.7	5145.2		5149.2	5145.4		5147.3	5143.1			
OBE(f1-f2)	5250 ~	5251 MHz	-3(na)	dBm/MHz	-41.32	-13.81		-41.23	-13.21		-40.12	-12.79		ok	
			-4(na)	MHz	5251	5250.1		5250.1	5250		5250.3	5250			
OBE(f1-f2)	5251 ~	5270 MHz	-4(na)	dBm/MHz	-41.5	-22.11		-42	-22.42		-41.37	-22.61		ok	
			-4.8(na)	MHz	5257.8	5251.2		5251.4	5251		5251.2	5251.1			

OBE(f1-f2)	5270 ～ 5278.4 MHz	−4.8(na)	dBm/MHz	−42.44	−32.81			−42.92	−34.16			−42.76	−34.1			ok	
		−5.3(na)	MHz	5270.2	5274			5275.7	5270.9			5276.7	5272				
OBE(f1-f2)	5278.4 ～ 5400 MHz	−26	dBm/MHz	−44.79	−40.14			−45.03	−40.18			−45.15	−38.74			ok	
			MHz	5279	5279.4			5285.9	5281.8			5286.7	5278.9				
																−	
																−	
Adjacent CH Interference	− 40 MHz	−25	dBc/38MHz	−38.77	−38.91			−38.77	−39.00			−38.82	−38.97			ok	
	+ 40	−25	dBc/38MHz	−39.45	−39.47			−39.46	−39.53			−39.44	−39.62			ok	
	− 80 MHz	−40	dBc/38MHz	−42.63	−42.67			−42.66	−42.70			−42.60	−42.58			ok	
	+ 80	−40	dBc/38MHz	−45.17	−45.30			−45.21	−45.41			−45.17	−45.32			ok	
Rated power		1.7														ok	
Antenna Power		5	mW/MHz	1.36	1.23			1.34	1.23			1.35	1.23			ok	
	−80 −	20	%	−20	−27.65			−21.18	−27.65			−20.59	−27.65			ok	
Antenna gain 2.8/2.6dBi																−	
Antenna Power(eirp)		5	mW/MHz	2.5254	2.2837			2.4873	2.2837			2.5063	2.2837			ok	
																−	
																−	
Collateral emission	30 ～ 1000 MHz	−54	dBm/100kHz	−71.81	−72.06			−72.66	−71.68			−72.43	−71.68			ok	
			MHz	967.58	724.67			916.9	767.76			872.32	877.05				
	1000 ～ 3000 MHz	−47	dBm/MHz	−69.47	−69.1			−68.89	−69.5			−69.85	−68.67			ok	
			MHz	2926.2	2765.8			2937	2426.6			2362.7	2591.9				
	3000 ～ 10000 MHz	−47	dBm/MHz	−65.66	−65.67			−65.55	−66			−65.67	−64.73			ok	
			MHz	3747.1	3848.1			3781.6	3697.2			3848.1	3747.6				
	10000 ～ 26000 MHz	−47	dBm/MHz	−60.84	−62.09			−61.47	−61.38			−60.66	−61			ok	
			MHz	25709	25579			25589	25789			25654	25663			−	
																−	
TX Burst Length	Less than	4	m second	0.08												ok	
																−	
																−	
System:ID		yes		complies												ok	
System:Carrier Sense		yes		complies												ok	at −50dBm
																−	
																−	