

(Form 4)

Test Report

218-09-14

Radio class	Radio Equipment specified in Article 2-1-19 of the Certification Ordinance Radio Equipment specified in Article 2-1-19-3 of the Certification Ordinance Radio Equipment specified in Article 2-1-19-3-2 of the Certification Ordinance		
Model type or name	WFM60-SFP2501		
Serial number	#0		
Test procedure	<input checked="" type="checkbox"/> According to the MIC Notification No.88 (2008/01/26) <input type="checkbox"/> According to the TUV-Rheinland Japan's test procedure		
Test date	2018/07/06	~	2018-09-14
試験条件	Temp.	21.1°C	~ 23.6°C
	Hum.	46.9%	~ 55.4%
Measurement equipment	refer to Form 5		
Test engineer	refer to Form 6		
Remarks			

Note) Each classification has to be filled.

(Form5)

Measuring Instruments and other equipment specified at Apended table No3 in Radio Law.

[illegible]

* (i) ~ (ni) item 2, paragraph 4, Article 24-2 in Radio Law

2018年9月14日

Company Name	HCT Co., Ltd.
Address	74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Korea.
Department	RF TEAM
Name of test engineer	N.H.KIM
Qualification	<input type="checkbox"/> engaged in testing by designated company to Article 24-2 of the Radio Law <input type="checkbox"/> conform to the conditions listed in Appended Table 1 of the Radio Act <input checked="" type="checkbox"/> engaged in testing at the testing institution that has ISO 17025 certification <input type="checkbox"/> Applicant who has obtained ISO 9000s certification or person engaged in test work at manufacturing factory <input type="checkbox"/> In TUV- Rheinland laboratory, person engaged in work for 3 years or more
Classification of tests	Radio Equipment specified in Article 2-1-19 of the Certification Ordinance Radio Equipment specified in Article 2-1-19-3 of the Certification Ordinance Radio Equipment specified in Article 2-1-19-3-2 of the Certification Ordinance
Type of tests	<input checked="" type="checkbox"/> RF <input type="checkbox"/> SAR <input type="checkbox"/> Other ()

Company Name	
Address	
Department	
Name of test engineer	N.H.KIM
Qualification	<input type="checkbox"/> engaged in testing by designated company to Article 24-2 of the Radio Law <input type="checkbox"/> conform to the conditions listed in Appended Table 1 of the Radio Act <input checked="" type="checkbox"/> engaged in testing at the testing institution that has ISO 17025 certification <input type="checkbox"/> Applicant who has obtained ISO 9000s certification or person engaged in test work at manufacturing factory <input type="checkbox"/> In TUV- Rheinland laboratory, person engaged in work for 3 years or more
Classification of tests	
Type of tests	<input type="checkbox"/> RF <input type="checkbox"/> SAR <input type="checkbox"/> Other ()

Company Name	
Address	
Department	
Name of test engineer	
Qualification	<input type="checkbox"/> engaged in testing by designated company to Article 24-2 of the Radio Law <input type="checkbox"/> conform to the conditions listed in Appended Table 1 of the Radio Act <input type="checkbox"/> engaged in testing at the testing institution that has ISO 17025 certification <input type="checkbox"/> Applicant who has obtained ISO 9000s certification or person engaged in test work at manufacturing factory <input type="checkbox"/> In TUV- Rheinland laboratory, person engaged in work for 3 years or more
Classification of tests	Radio Equipment specified in Article 2-1- of the Certification Ordinance
Type of tests	<input type="checkbox"/> RF <input type="checkbox"/> SAR <input type="checkbox"/> Other ()

802.11g (ch. 1-13)

6Mbps

Art. 2-1-19 / Annex 43 / 2016-12-22MIC466

Radio Equipment Under Test	Model name: WFM60-SFP2501	Type of radio, frequency and antenna power: D1D, G1D 2412 to 2472 MHz (5 MHz separation 13 carriers) 0.0050 W/MHz
	Serial number: #0	

[illegible]

802.11n (ch. 1-13)

6.5Mbps

Art. 2-1-19 / Annex 43 / 2016-12-22MIC466

Radio Equipment Under Test	Model name: WFM60-SFP2501	Type of radio, frequency and antenna power: D1D, G1D 2412 to 2472 MHz (5 MHz separation 13 carriers, 11n) 0.0050 W/MHz
	Serial number: #0	

Test Result		Unit	Limit	DC 3.3 V (normal)				DC 3.60 V (high)				DC 3 V (low)					Notes
		Test Voltage	V														
		Test Frequency	MHz	2412	2442	2472		2412	2442	2472		2412	2442	2472		Antenna Gain = 1.98dBi	
Frequency Error		ppm	50	The test result of Frequency Error is same as 802.11g												ok	Number of Stream = 1
Occupied Bandwidth		MHz	26.0	18.06	18.06	18.09		17.99	18.05	18.06		18.07	18.07	18.08		ok	
Spurious Emissions	30.0 ~ 2387.0 MHz	uW/MHz	2.5	0.28	0.04	0.03		0.46	0.05	0.03		1.07	0.04	0.04		ok	
		MHz	—	2379.22	2386.15	2312.88		2380.68	2364.16	2384.33		2386.03	2359.30	2367.80		ok	
	2387.0 ~ 2400.0 MHz	uW/MHz	25.0	0.99	0.19	0.05		1.07	0.24	0.04		1.07	0.13	0.04		ok	
		MHz	—	2400.00	2397.01	2393.55		2399.95	2399.34	2397.09		2399.99	2398.67	2393.97		ok	
	2483.5 ~ 2496.5 MHz	uW/MHz	25.0	0.04	0.15	1.29		0.04	0.19	1.72		0.04	0.19	1.06		ok	
		MHz	—	2487.63	2483.88	2483.54		2486.65	2484.29	2483.53		2490.60	2483.70	2483.53		ok	
Antenna Power	2496.5 ~ 12500.0 MHz	uW/MHz	2.5	0.04	0.04	0.26		0.03	0.04	0.26		0.04	0.03	0.32		ok	
		MHz	—	12063.10	5555.82	2504.00		12465.74	5818.41	2498.00		12065.35	9769.79	2498.75		ok	
		mW/MHz	10.0	3.74	4.02	3.65		3.78	4.08	3.69		3.68	3.97	3.58		ok	
		%	-80 20	-25.14	-19.60	-27.08		-24.34	-18.43	-26.20		-26.44	-20.60	-28.41		ok ok	
Collateral Emissions	30.0 ~ 1000.0 MHz	nW	4.0	The test result of Collateral emission is same as 802.11g												ok	
		MHz	—													ok	
	1000.0 ~ 12500.0 MHz	nW	20.0													ok	
		MHz	—													ok	
Interference Protection			yes	Complies	Complies	Complies		Complies	Complies	Complies		Complies	Complies	Complies		ok	
Allowed Antenna Gain: 5.15 dBi																	

Test Result for Certification

802.11a W52

802.11a W53

6Mbps

Art. 2-1-19-3 / Annex 45 / 2016-12-22MIC466

Radio Equipment Under Test	Model name:	WFM60-SFP2501	Type of radio, frequency and antenna power:	D1D, G1D, 5.18 ~ 5.32 GHz (20 MHz Separation; 8 channels)	0.0020 W/MHz
	Serial number:	#0			

Test Result		Unit	Limit	DC 3.3 V (normal)				DC 3.60 V (high)				DC 3 V (low)				Notes		
		V		5180	5240	5260	5320	5180	5240	5260	5320	5180	5240	5260	5320			
Test Voltage		MHz															Antenna Gain = 3.5dBi Number of Stream = 1	
Test Frequency		MHz	20	17.49	17.54	17.68	17.54	17.45	17.62	17.39	17.21	17.31	17.44	17.36	17.24	ok		
Frequency Error		ppm	20	-2.89	-8.29	-2.97	-3.01	-2.94	-8.28	-2.99	-3.04	-2.93	-8.30	-2.99	-3.03	ok		
Occupied Bandwidth		MHz	18.0	17.49	17.54	17.68	17.54	17.45	17.62	17.39	17.21	17.31	17.44	17.36	17.24	ok		
Spurious Emissions		30.0 ~ 1000.0 MHz	uW/MHz	2.5	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		ok
			MHz	-	797.48	850.17	802.21	757.55	918.09	835.55	804.25	775.51	828.56	864.16	975.30	859.43		ok
		1000.0 ~ 5140.0 MHz	uW/MHz	2.5	0.38	0.04	0.03	0.03	0.47	0.04	0.04	0.04	0.61	0.04	0.03	0.03		ok
			MHz	-	5136.50	5105.00	5096.99	5139.50	5139.50	5056.99	5138.50	5128.50	5139.50	5128.00	4996.48	5137.00		ok
Adjacent Channel Power		5360.0 ~ 26000.0 MHz	uW/MHz	2.5	0.41	0.22	0.53	1.04	0.73	0.26	0.50	0.86	0.47	0.26	0.50	0.92		ok
			MHz	-	25564.50	25995.87	25014.44	5360.00	24957.68	25378.74	25610.94	5361.03	25086.68	24541.78	24997.93	5362.06		ok
		- 20 MHz	dB	-25.0	-31.98	-34.63	-31.81	-32.87	-30.31	-34.43	-30.71	-31.25	-32.92	-34.63	-32.38	-33.49	ok	
		+ 20 MHz	dB	-25.0	-32.09	-33.60	-31.38	-30.89	-30.96	-33.61	-30.08	-29.73	-33.43	-34.26	-33.21	-33.42	ok	
Antenna Power		- 40 MHz	dB	-40.0	-45.28	-47.07	-44.45	-45.06	-44.87	-47.27	-45.03	-44.89	-45.53	-47.23	-45.86	-46.04	ok	
		+ 40 MHz	dB	-40.0	-45.63	-45.99	-44.12	-43.54	-45.41	-46.06	-44.14	-43.68	-46.21	-46.07	-44.83	-44.86	ok	
		mW/MHz	10.0	1.51	1.41	1.81	1.85	1.56	1.46	1.90	1.90	1.48	1.37	1.79	1.77	ok		
		%	-80	-24.66	-29.44	-9.36	-7.59	-21.90	-27.21	-4.75	-4.91	-25.95	-31.75	-10.38	-11.43	ok		
Collateral Emissions		30.0 ~ 1000.0 MHz	nW	4.0	0.036	0.001	0.136	0.163	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	ok	
			MHz	-	131.06	931.35	993.40	993.90	888.74	942.65	893.24	888.89	891.14	941.15	889.99	240.01	ok	
		1000.0 ~ 26000.0 MHz	nW	20.0	0.42	0.14	0.35	0.33	0.36	0.16	0.35	0.49	0.42	0.15	0.35	0.37	ok	
			MHz	-	25607.50	23805.00	25002.50	25582.50	24998.75	24456.25	25625.00	2471.25	2167.50	25496.25	25568.75	25065.00	ok	
Outband Leakage Power (EIRP)		5140 ~ 5142 MHz	uW/MHz	-	0.0232	0.0511	-	-	0.0198	0.0501	-	-	0.0170	0.0537	-	-	ok	
			EIRP	2.5	0.0519	0.1143	-	-	0.0444	0.1121	-	-	0.0381	0.1203	-	-	ok	
			MHz	-	5140.02	5141.06	-	-	5140.36	5141.80	-	-	5140.37	5140.19	-	-	ok	
			Spec	2.5	2.50	2.50	-	-	2.50	2.50	-	-	2.50	2.50	-	-	ok	
		5142 ~ 5150 MHz	uW/MHz	-	0.0412	0.0528	-	-	0.0477	0.0569	-	-	0.0340	0.0548	-	-	ok	
			EIRP	15.0	0.0922	0.1181	-	-	0.1067	0.1273	-	-	0.0761	0.1227	-	-	ok	
			MHz	-	5146.57	5146.62	-	-	5146.73	5147.31	-	-	5146.74	5143.37	-	-	ok	
			Spec	15.0	15.00	15.00	-	-	15.00	15.00	-	-	15.00	15.00	-	-	ok	
		5250 ~ 5251 MHz	uW/MHz	-	0.3581	7.9601	-	-	0.2847	10.9113	-	-	0.3513	8.6231	-	-	ok	
			EIRP	-	0.8017	17.8205	-	-	0.6374	24.4274	-	-	0.7865	19.3048	-	-	ok	
			MHz	-	5250.58	5250.02	-	-	5250.34	5250.00	-	-	5250.48	5250.02	-	-	ok	
			Spec	-	260.62	950.60	-	-	454.99	997.70	-	-	329.61	963.83	-	-	ok	
		5251 ~ 5260 MHz	uW/MHz	-	0.1255	2.2125	-	-	0.1154	3.8805	-	-	0.1082	1.4173	-	-	ok	
			EIRP	-	0.2810	4.9532	-	-	0.2583	8.6874	-	-	0.2422	3.1730	-	-	ok	
			MHz	-	5252.83	5251.03	-	-	5254.51	5251.02	-	-	5252.48	5251.13	-	-	ok	
			Spec	-	68.802	99.449	-	-	48.753	99.632	-	-	73.926	97.454	-	-	ok	
		5260 ~ 5266.7 MHz	uW/MHz	-	0.09561	0.76537	-	-	0.09853	1.03038	-	-	0.11043	1.22979	-	-	ok	
			EIRP	-	0.2140	1.7134	-	-	0.2206	2.3067	-	-	0.2472	2.7532	-	-	ok	
			MHz	-	5262.51	5260.62	-	-	5262.48	5260.60	-	-	5260.23	5261.68	-	-	ok	
			Spec	-	7.931	13.342	-	-	7.990	13.417	-	-	14.882	9.959	-	-	ok	
		5266.7 ~ 5360 MHz	uW/MHz	-	0.0832	0.1040	-	-	0.0703	0.2273	-	-	0.0655	0.0590	-	-	ok	
			EIRP	2.5	0.1864	0.2327	-	-	0.1573	0.5089	-	-	0.1467	0.1321	-	-	ok	
			MHz	-	5275.84	5267.45	-	-	5268.10	5266.89	-	-	5274.72	5266.70	-	-	ok	
			Spec	2.5	2.50	2.50	-	-	2.50	2.50	-	-	2.50	2.50	-	-	ok	
Outband Leakage Power (EIRP)		5140 ~ 5233.3 MHz	uW/MHz	2.5	-	-	0.1194	0.0673	-	-	0.1540	0.0641	-	-	0.0879	0.0641	ok	
			EIRP	2.5	-	-	0.2672	0.1507	-	-	0.3447	0.1435	-	-	0.1968	0.1436	ok	
			MHz	-	-	-	5233.30	5226.77	-	-	5233.30	5232.37	-	-	5233.30	5228.73	ok	
			Spec	-	-	-	2.50	2.50	-	-	2.50	2.50	-	-	2.50	2.50	ok	
		5233.3 ~ 5240 MHz	uW/MHz	-	-	-	0.51719	0.07609	-	-	0.88500	0.07469	-	-	0.31589	0.07968	ok	
			EIRP	-	-	-	0.2672	0.1507	-	-	0.3447	0.1435	-	-	0.1968	0.1436	ok	
			MHz	-	-	-	5233.30	5226.77	-	-	5233.30	5232.37	-	-	5233.30	5228.73	ok	
			Spec	-	-	-	2.50	2.50	-	-	2.50	2.50	-	-	2.50	2.50	ok	

[illegible]

Art. 2-1-19-3 / Annex 45 / 2016-12-22MIC466

Test Result		Unit	Limit	DC				3.3 V				(normal)				DC				3.60 V				(high)				DC				3 V				(low)				Notes	
		V		5180	5240	5260	5320	5180	5240	5260	5320	5180	5240	5260	5320	5180	5240	5260	5320	5180	5240	5260	5320	5180	5240	5260	5320	5180	5240	5260	5320										
Frequency Error			ppm	20	The test result of Frequency Error is same as 802.11a																								ok	Antenna Gain = 3.5dBi											
Occupied Bandwidth			MHz	19.0	18.42	18.36	18.65	18.63	18.56	18.42	18.63	18.69	18.49	18.35	18.64	18.77	ok	Number of Stream = 1																							
Spurious Emissions		30.0 ~ 1000.0	MHz	uW/MHz	2.5	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	ok																								
			MHz	-	892.77	767.43	904.09	979.01	890.06	733.68	911.26	740.26	957.81	946.28	920.14	884.54	ok																								
		1000.0 ~ 5135.0	MHz	uW/MHz	2.5	0.22	0.04	0.04	0.04	0.29	0.05	0.04	0.03	0.41	0.04	0.04	0.03	ok																							
			MHz	-	5133.00	5132.00	5133.50	4972.68	5130.50	5118.02	5108.53	5085.55	5130.50	5104.53	5101.04	5107.53	ok																								
		5365.0 ~ 26000.0	MHz	uW/MHz	2.5	0.52	0.20	0.41	0.87	0.46	0.22	0.50	0.57	0.53	0.25	0.46	0.65	ok																							
			MHz	-	24954.84	25038.41	25059.04	5369.13	25124.04	24954.84	25007.46	5365.00	25635.79	25709.05	25097.22	5369.13	ok																								
Adjacent Channel Power		- 20	MHz	dB	-25.0	-30.61	-29.99	-29.71	-31.14	-29.28	-27.85	-27.57	-29.32	-31.87	-31.35	-31.34	-31.79	ok																							
		+ 20	MHz	dB	-25.0	-31.80	-30.65	-30.26	-31.18	-30.26	-27.99	-27.75	-28.61	-33.59	-32.45	-32.72	-32.96	ok																							
		- 40	MHz	dB	-40.0	-43.96	-41.32	-41.39	-42.65	-43.56	-40.92	-40.63	-41.75	-44.07	-42.79	-42.98	-44.60	ok																							
		+ 40	MHz	dB	-40.0	-44.71	-42.23	-41.79	-41.74	-44.12	-41.27	-40.48	-40.60	-45.75	-44.00	-43.59	-43.89	ok																							
Antenna Power			mW/MHz	10.0	1.66	2.04	1.85	1.88	1.54	2.10	1.86	1.92	1.44	1.99	1.83	1.80	ok																								
			%	-80	-16.86		-7.28	-5.88	-22.77		-7.21	-3.79	-27.99	-0.49	-8.28	-10.07	ok																								
			%	20	1.93					5.13							ok																								
Collateral Emissions		30.0 ~ 1000.0	MHz	nW	4.0																	ok																			
			MHz	-																	ok																				
		1000.0 ~ 26000.0	MHz	nW	20.0																	ok																			
			MHz	-																	ok																				
Outband Leakage Power (EIRP)		5135 ~ 5142	MHz	uW/MHz	-	0.0216	0.0520	-	-	0.0172	0.0591	-	-	0.0159	0.0484	-	-	ok	OBW <=19MHz																						
			EIRP	2.5	0.0483	0.1163	-	-	0.0384	0.1324	-	-	0.0357	0.1084	-	-	ok	(5.18° 5.24 GHz)																							
			MHz	-	5138.62	5136.84	-	-	5139.19	5141.50	-	-	5138.72	5137.37	-	-	ok																								
			Spec	2.5	2.50	2.50	-	-	2.50	2.50	-	-	2.50	2.50	-	-																									
		5142 ~ 5150	MHz	uW/MHz	-	3.4573	0.0681	-	-	4.6359	0.0554	-	-	2.8412	0.0548	-	-	ok																							
			EIRP	15.0	7.7399	0.1524	-	-	10.3785	0.1239	-	-	6.3607	0.1226	-	-	ok																								
			MHz	-	5149.89	5144.00	-	-	5149.94	5147.46	-	-	5149.90	5146.26	-	-	ok																								
			Spec	15.0	15.00	15.00	-	-	15.00	15.00	-	-	15.00	15.00	-	-																									
		5250 ~ 5251	MHz	uW/MHz	-	0.3074	15.5246	-	-	0.2965	15.2819	-	-	0.3107	12.6607	-	-	ok																							
			EIRP	-	0.6882	34.7553	-	-	0.6637	34.2120	-	-	0.6956	28.3438	-	-	ok																								
			MHz	-	5250.85	5250.02	-	-	5250.96	5250.00	-	-	5250.86	5250.02	-	-	ok																								
			Spec	-	142.23	963.83	-	-	110.41	1000.00	-	-	139.64	957.19	-	-																									
		5251 ~ 5260	MHz	uW/MHz	-	0.1242	1.9171	-	-	0.1185	3.3088	-	-	0.1128	1.8350	-	-	ok																							
			EIRP	-	0.2781	4.2918	-	-	0.2654	7.4075	-	-	0.2525	4.1080	-	-	ok																								
			MHz	-	5251.64	5251.01	-	-	5254.52	5256.14	-	-	5253.69	5251.03	-	-	ok																								
			Spec	-	87.740	99.82	-	-	48.663	34.93	-	-	57.650	99.45	-	-																									
		5260 ~ 5266.7	MHz	uW/MHz	-	0.10160	1.18487	-	-	0.08895	1.85499	-	-	0.09793	0.35117	-	-	ok																							
			EIRP	-	0.2275	2.6526	-	-	0.1991	4.1528	-	-	0.2192	0.7862	-	-	ok																								
			MHz	-	5261.59	5260.31	-	-	5266.59	5260.47	-	-	5262.73	5260.66	-	-	ok																								
			Spec	-	10.20	14.53	-	-	2.56	13.92	-	-	7.46	13.19	-	-																									
5266.7 ~ 5365	MHz	uW/MHz	-	0.0727	0.0830	-	-	0.0833	0.1978	-	-	0.0817	0.0493	-	-	ok																									
	EIRP	2.5	0.1628	0.1857	-	-	0.1864	0.4429	-	-	0.1829	0.1105	-	-	ok																										
	MHz	-	5289.11	5279.18	-	-	5282.43	5268.37	-	-	5304.55	5279.28	-	-	ok																										
	Spec	2.5	2.50	2.50	-	-	2.50	2.50	-	-	2.50	2.50	-	-																											
Outband Leakage Power (EIRP)		5135 ~ 5233.3	MHz	uW/MHz	-	-	-	0.1326	0.0564	-	-	0.1566	0.0601	-	-	0.0760	0.0535	ok	OBW <=19MHz																						
			EIRP	2.5	-	-	0.2969	0.1262	-	-	0.3507	0.1346	-	-	0.1702	0.1198	ok	(5.26° 5.32 GHz)																							
			MHz	-	-	-	5229.66	5229.56	-	-	5229.76	5229.07	-	-	5228.68	5204.79	ok																								
			Spec	2.5	-	-	2.50	2.50	-	-	2.50	2.50	-	-	2.50	2.50																									
		5233.3 ~ 5240	MHz	uW/MHz	-	-	-	1.12254	0.08103	-	-	1.73124	0.06912	-	-	0.58398	0.07785	ok																							

[illegible]

Test Result for Certification

802.11a W56

6Mbps Art. 2-1-19-3-2 / Annex 45 / 2016-12-22MIC466

Radio Equipment Under Test	Model name: WFM60-SFP2501		Type of radio, frequency and antenna power: D1D, G1D, 5500 to 5700 MHz (20 MHz separation 11 carriers)												0.0013 W/MHz	
	Serial number: #0															
Test Result		Unit	Limit	DC 3.3 V (normal)			DC 3.60 V (high)			DC 3 V (low)				Notes		
	Test Voltage	V		5500	5600	5700	5500	5600	5700	5500	5600	5700				
Test Frequency		MHz		5500	5600	5700	5500	5600	5700	5500	5600	5700		Antenna Gain = 3.34dBi		
Frequency Error			ppm	-8.41	-8.43	-8.53	-8.37	-8.40	-8.51	-8.41	-8.43	-8.55		Number of Stream = 1		
Occupied Bandwidth			MHz	19.7	17.88	17.70	17.58	17.82	17.73	17.58	17.86	17.79	17.54		ok	
Spurious Emissions	30.0 ~ 1000.0	MHz	uW/MHz	2.5	0.01	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.01		ok	
		MHz	-	362.18	350.04	325.14	369.18	352.72	353.33	341.81	959.25	369.18	ok			
	1000.0 ~ 5455.0	MHz	uW/MHz	2.5	0.07	0.03	0.03	0.06	0.03	0.03	0.06	0.04	0.03		ok	
		MHz	-	5409.80	5418.95	5372.13	5437.24	5443.16	5431.86	5454.46	5445.31	5400.65	ok			
5745.0 ~ 26000.0	MHz	uW/MHz	2.5	0.21	0.20	0.20	0.20	0.21	0.19	0.24	0.24	0.24	ok			
	MHz	-	24556.83	25907.84	24370.49	24366.43	24593.29	25980.76	25965.57	24545.69	25968.60	ok				
Adjacent Channel Power	- 20	MHz	dB	-25.0	-30.69	-29.46	-26.33	-30.98	-30.12	-27.44	-30.87	-29.65	-26.58		ok	
		MHz	dB	-25.0	-32.60	-30.91	-29.50	-32.88	-31.22	-30.25	-32.55	-31.13	-30.14		ok	
	- 40	MHz	dB	-40.0	-43.35	-45.27	-41.72	-44.12	-45.11	-42.21	-43.62	-45.23	-41.26	ok		
		MHz	dB	-40.0	-42.86	-44.32	-43.63	-43.21	-44.81	-44.23	-43.11	-44.43	-43.41	ok		
Antenna Power		mW/MHz	10.0	1.81	1.47	1.37	1.83	1.53	1.43	1.73	1.42	1.35	ok			
		%	-50										ok			
		%	50	38.91	12.85	5.68	40.87	17.77	9.80	33.06	9.10	3.73	ok			
Collateral Emissions	30.0 ~ 1000.0	MHz	nW	4.0	0.001	0.140	0.001	0.001	0.001	0.001	0.001	0.001	0.001	ok		
		MHz	-	891.79	994.30	891.59	889.69	887.09	868.54	887.94	888.04	893.49	ok			
	1000.0 ~ 26000.0	MHz	nW	20.0	0.30	0.31	0.30	0.38	0.36	0.43	0.33	0.34	0.35	ok		
		MHz	-	25055.00	25650.00	25031.25	25038.75	25007.50	25013.75	25013.75	25550.00	25106.25	ok			
Outband Leakage Power (EIRP)	5455 ~ 5460	MHz	uW/MHz	2.5	0.02	0.06	0.04	0.03	0.06	0.04	0.02	0.06	0.04	ok		
			EIRP	2.5	0.0417	0.1235	0.0857	0.0562	0.1208	0.0873	0.0412	0.1278	0.0776	ok		
		MHz	-	5456.41	5458.13	5458.63	5459.70	5455.23	5457.67	5459.81	5456.08	5457.18	ok			
	5460 ~ 5470	MHz	uW/MHz	12.5	0.06	0.06	0.04	0.08	0.06	0.05	0.04	0.06	0.04	ok		
			EIRP	12.5	0.1323	0.1302	0.0949	0.1733	0.1302	0.0987	0.0956	0.1210	0.0818	ok		
		MHz	-	5466.51	5468.70	5467.79	5466.75	5463.56	5461.62	5466.67	5468.23	5469.51	ok			
	5725 ~ 5740	MHz	uW/MHz	12.5	0.04	0.07	0.12	0.04	0.08	0.24	0.04	0.08	0.04	ok		
			EIRP	12.5	0.0826	0.1494	0.2571	0.0883	0.1665	0.5176	0.0769	0.1647	0.0887	ok		
		MHz	-	5727.49	5729.88	5725.06	5736.64	5728.33	5725.06	5725.99	5727.93	5725.23	ok			
	5740 ~ 5745	MHz	uW/MHz	2.5	0.04	0.08	0.03	0.04	0.06	0.02	0.04	0.06	0.02	ok		
			EIRP	2.5	0.0886	0.1707	0.0547	0.0804	0.1359	0.0507	0.0825	0.1368	0.0447	ok		
		MHz	-	5744.36	5741.40	5742.42	5743.92	5742.42	5741.99	5744.47	5743.67	5742.04	ok			
E.I.R.P.		mW/MHz	25	3.90	3.17	2.96	3.95	3.30	3.08	3.73	3.06	2.91	ok			
Max. Burst Length / Dwell Time			sec	0.004	Complies	Complies	Complies	Complies	Complies	Complies	Complies	Complies	Complies	ok		
Interference Protection				yes	Complies	Complies	Complies	Complies	Complies	Complies	Complies	Complies	Complies	ok		
Carrier Sense				yes	Complies	Complies	Complies	Complies	Complies	Complies	Complies	Complies	Complies	ok		
Allowed Antenna Gain:			dBi													

K53+POWER(10.SpecAntennaGain/10)

