

Report Number : FR4N0526B

Test Engineer:	Jiang Jun	Temperature:	21~25	°C
Test Date:	2024.12.29	Relative Humidity:	51~54	%

CDD 1S2T

TEST RESULTS DATA
Average Power Table

FCC U-NII-1														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with duty factor (dBm)			FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail	Power setting
						Ant 1	Ant 2	SUM						
11a	6Mbps	2	36	5180	1+2	22.57	22.24	25.42	30.00	3.07	28.49	-	Pass	23
11a	6Mbps	2	44	5220	1+2	25.03	24.71	27.88	30.00	3.07	30.95	-	Pass	26
11a	6Mbps	2	48	5240	1+2	25.60	25.13	28.38	30.00	3.07	31.45	-	Pass	27
HT20	MCS0	2	36	5180	1+2	20.61	20.70	23.67	30.00	3.07	26.74	-	Pass	21
HT20	MCS0	2	44	5220	1+2	25.48	24.79	28.16	30.00	3.07	31.23	-	Pass	26.5
HT20	MCS0	2	48	5240	1+2	25.50	25.23	28.38	30.00	3.07	31.45	-	Pass	27
HT40	MCS0	2	38	5190	1+2	19.61	19.09	22.37	30.00	3.07	25.44	-	Pass	19.5
HT40	MCS0	2	46	5230	1+2	23.23	23.36	26.31	30.00	3.07	29.38	-	Pass	24
VHT20	MCS0	2	36	5180	1+2	20.64	20.74	23.70	30.00	3.07	26.77	-	Pass	21
VHT20	MCS0	2	44	5220	1+2	25.52	24.85	28.21	30.00	3.07	31.28	-	Pass	26.5
VHT20	MCS0	2	48	5240	1+2	25.55	25.26	28.42	30.00	3.07	31.49	-	Pass	27
VHT40	MCS0	2	38	5190	1+2	19.67	19.15	22.43	30.00	3.07	25.50	-	Pass	19.5
VHT40	MCS0	2	46	5230	1+2	23.29	23.40	26.36	30.00	3.07	29.43	-	Pass	24
VHT80	MCS0	2	42	5210	1+2	17.75	17.25	20.52	30.00	3.07	23.59	-	Pass	17.5
VHT160	MCS0	2	50	5250	1+2	15.98	16.18	19.09	30.00	3.07	22.16	-	Pass	16
HE20	MCS0	2	36	5180	1+2	21.56	20.80	24.21	30.00	3.07	27.28	-	Pass	21.5
HE20	MCS0	2	44	5220	1+2	25.87	25.20	28.56	30.00	3.07	31.63	-	Pass	27
HE20	MCS0	2	48	5240	1+2	26.10	25.37	28.76	30.00	3.07	31.83	-	Pass	27.5
HE40	MCS0	2	38	5190	1+2	19.89	20.06	22.99	30.00	3.07	26.06	-	Pass	20
HE40	MCS0	2	46	5230	1+2	23.99	23.38	26.71	30.00	3.07	29.78	-	Pass	24.5
HE80	MCS0	2	42	5210	1+2	18.41	17.90	21.17	30.00	3.07	24.24	-	Pass	18
HE160	MCS0	2	50	5250	1+2	16.47	16.20	19.35	30.00	3.07	22.42	-	Pass	16

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)			FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail	Power setting
						Ant 1	Ant 2	SUM						
11a	6Mbps	2	52	5260	1+2	18.85	18.98	21.93	23.98	3.07	25.00	30.00	Pass	19.5
11a	6Mbps	2	60	5300	1+2	18.92	19.03	21.99	23.98	3.07	25.06	30.00	Pass	19
11a	6Mbps	2	64	5320	1+2	19.51	19.25	22.39	23.98	3.07	25.46	30.00	Pass	20
HT20	MCS0	2	52	5260	1+2	19.30	19.13	22.23	23.98	3.07	25.30	30.00	Pass	20
HT20	MCS0	2	60	5300	1+2	19.23	19.55	22.40	23.98	3.07	25.47	30.00	Pass	19.5
HT20	MCS0	2	64	5320	1+2	19.49	19.20	22.36	23.98	3.07	25.43	30.00	Pass	20
HT40	MCS0	2	54	5270	1+2	20.48	20.54	23.52	23.98	3.07	26.59	30.00	Pass	21
HT40	MCS0	2	62	5310	1+2	18.86	19.06	21.97	23.98	3.07	25.04	30.00	Pass	19
VHT20	MCS0	2	52	5260	1+2	19.36	19.20	22.29	23.98	3.07	25.36	30.00	Pass	20
VHT20	MCS0	2	60	5300	1+2	19.26	19.59	22.44	23.98	3.07	25.51	30.00	Pass	19.5
VHT20	MCS0	2	64	5320	1+2	19.53	19.25	22.40	23.98	3.07	25.47	30.00	Pass	20
VHT40	MCS0	2	54	5270	1+2	20.52	20.60	23.57	23.98	3.07	26.64	30.00	Pass	21
VHT40	MCS0	2	62	5310	1+2	18.90	19.09	22.01	23.98	3.07	25.08	30.00	Pass	19
VHT80	MCS0	2	58	5290	1+2	17.58	17.54	20.57	23.98	3.07	23.64	30.00	Pass	17.5
VHT160	MCS0	2	50	5250	1+2	15.98	16.18	19.09	23.98	3.07	22.16	30.00	Pass	16
HE20	MCS0	2	52	5260	1+2	19.84	19.70	22.78	23.98	3.07	25.85	30.00	Pass	20.5
HE20	MCS0	2	60	5300	1+2	19.58	19.99	22.80	23.98	3.07	25.87	30.00	Pass	20
HE20	MCS0	2	64	5320	1+2	19.82	19.79	22.82	23.98	3.07	25.89	30.00	Pass	20.5
HE40	MCS0	2	54	5270	1+2	20.95	20.87	23.92	23.98	3.07	26.99	30.00	Pass	21.5
HE40	MCS0	2	62	5310	1+2	19.54	19.34	22.45	23.98	3.07	25.52	30.00	Pass	19.5
HE80	MCS0	2	58	5290	1+2	18.00	18.24	21.13	23.98	3.07	24.20	30.00	Pass	18
HE160	MCS0	2	50	5250	1+2	16.47	16.20	19.35	23.98	3.07	22.42	30.00	Pass	16

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C														
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)			FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail	Power setting
						Ant 1	Ant 2	SUM						
11a	6Mbps	2	100	5500	1+2	19.39	19.19	22.30	23.98	2.86	25.16	30.00	Pass	20
11a	6Mbps	2	116	5580	1+2	19.40	19.17	22.30	23.98	2.86	25.16	30.00	Pass	20
11a	6Mbps	2	140	5700	1+2	18.92	19.21	22.08	23.98	2.86	24.94	30.00	Pass	19.5
11a	6Mbps	2	144	5720	1+2	19.10	19.14	22.13	23.98	2.86	24.99	30.00	Pass	20
HT20	MCS0	2	100	5500	1+2	19.45	18.95	22.22	23.98	2.86	25.08	30.00	Pass	20
HT20	MCS0	2	116	5580	1+2	19.20	19.25	22.24	23.98	2.86	25.10	30.00	Pass	20
HT20	MCS0	2	140	5700	1+2	18.57	18.49	21.54	23.98	2.86	24.40	30.00	Pass	19
HT20	MCS0	2	144	5720	1+2	19.19	18.80	22.01	23.98	2.86	24.87	30.00	Pass	20
HT40	MCS0	2	102	5510	1+2	18.67	18.82	21.76	23.98	2.86	24.62	30.00	Pass	19
HT40	MCS0	2	110	5550	1+2	20.59	20.33	23.47	23.98	2.86	26.33	30.00	Pass	21
HT40	MCS0	2	134	5670	1+2	19.31	20.12	22.74	23.98	2.86	25.60	30.00	Pass	20
HT40	MCS0	2	142	5710	1+2	20.27	20.10	23.20	23.98	2.86	26.06	30.00	Pass	21
VHT20	MCS0	2	100	5500	1+2	19.49	18.99	22.26	23.98	2.86	25.12	30.00	Pass	20
VHT20	MCS0	2	116	5580	1+2	19.24	19.32	22.29	23.98	2.86	25.15	30.00	Pass	20
VHT20	MCS0	2	140	5700	1+2	18.60	18.52	21.57	23.98	2.86	24.43	30.00	Pass	19
VHT20	MCS0	2	144	5720	1+2	19.25	18.85	22.06	23.98	2.86	24.92	30.00	Pass	20
VHT40	MCS0	2	102	5510	1+2	18.71	18.87	21.80	23.98	2.86	24.66	30.00	Pass	19
VHT40	MCS0	2	110	5550	1+2	20.64	20.36	23.51	23.98	2.86	26.37	30.00	Pass	21
VHT40	MCS0	2	134	5670	1+2	19.35	20.16	22.78	23.98	2.86	25.64	30.00	Pass	20
VHT40	MCS0	2	142	5710	1+2	20.34	20.14	23.25	23.98	2.86	26.11	30.00	Pass	21
VHT80	MCS0	2	106	5530	1+2	18.29	17.61	20.97	23.98	2.86	23.83	30.00	Pass	18.5
VHT80	MCS0	2	122	5610	1+2	20.16	19.42	22.82	23.98	2.86	25.68	30.00	Pass	20.5
VHT80	MCS0	2	138	5690	1+2	19.80	20.40	23.12	23.98	2.86	25.98	30.00	Pass	20.5
VHT160	MCS0	2	114	5570	1+2	15.71	15.50	18.62	23.98	2.86	21.48	30.00	Pass	15.5
HE20	MCS0	2	100	5500	1+2	19.66	19.73	22.71	23.98	2.86	25.57	30.00	Pass	20.5
HE20	MCS0	2	116	5580	1+2	19.97	19.33	22.67	23.98	2.86	25.53	30.00	Pass	20.5
HE20	MCS0	2	140	5700	1+2	18.76	19.42	22.11	23.98	2.86	24.97	30.00	Pass	19.5
HE20	MCS0	2	144	5720	1+2	19.29	19.84	22.58	23.98	2.86	25.44	30.00	Pass	20.5
HE40	MCS0	2	102	5510	1+2	19.38	18.98	22.19	23.98	2.86	25.05	30.00	Pass	19.5
HE40	MCS0	2	110	5550	1+2	21.05	20.82	23.95	23.98	2.86	26.81	30.00	Pass	21.5
HE40	MCS0	2	134	5670	1+2	20.27	20.21	23.25	23.98	2.86	26.11	30.00	Pass	20.5
HE40	MCS0	2	142	5710	1+2	20.50	21.05	23.79	23.98	2.86	26.65	30.00	Pass	21.5
HE80	MCS0	2	106	5530	1+2	18.76	18.52	21.65	23.98	2.86	24.51	30.00	Pass	19
HE80	MCS0	2	122	5610	1+2	20.79	20.21	23.52	23.98	2.86	26.38	30.00	Pass	21
HE80	MCS0	2	138	5690	1+2	20.69	20.50	23.61	23.98	2.86	26.47	30.00	Pass	21
HE160	MCS0	2	114	5570	1+2	15.95	15.82	18.90	23.98	2.86	21.76	30.00	Pass	15.5

TEST RESULTS DATA
Average Power Table

U-NII-3												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)	DG (dBi)		Pass/ Fail	Power setting
					Ant 1	Ant 2	SUM		Ant 1	Ant 2		
11a	6Mbps	2	149	5745	24.09	23.91	27.01	30.00	2.79		Pass	25.5
11a	6Mbps	2	157	5785	25.40	24.69	28.07	30.00	2.79		Pass	27.5
11a	6Mbps	2	165	5825	25.36	24.54	27.98	30.00	2.79		Pass	27.5
HT20	MCS0	2	149	5745	23.51	23.74	26.64	30.00	2.79		Pass	25
HT20	MCS0	2	157	5785	25.34	24.27	27.85	30.00	2.79		Pass	27
HT20	MCS0	2	165	5825	25.34	24.19	27.81	30.00	2.79		Pass	27
HT40	MCS0	2	151	5755	24.26	24.71	27.50	30.00	2.79		Pass	26
HT40	MCS0	2	159	5795	25.53	25.34	28.45	30.00	2.79		Pass	28
VHT20	MCS0	2	149	5745	23.57	23.79	26.69	30.00	2.79		Pass	25
VHT20	MCS0	2	157	5785	25.37	24.33	27.89	30.00	2.79		Pass	27
VHT20	MCS0	2	165	5825	25.38	24.22	27.85	30.00	2.79		Pass	27
VHT40	MCS0	2	151	5755	24.32	24.76	27.56	30.00	2.79		Pass	26
VHT40	MCS0	2	159	5795	25.58	25.38	28.49	30.00	2.79		Pass	28
VHT80	MCS0	2	155	5775	21.41	20.92	24.18	30.00	2.79		Pass	22
HE20	MCS0	2	149	5745	24.04	24.26	27.16	30.00	2.79		Pass	25.5
HE20	MCS0	2	157	5785	25.47	25.04	28.27	30.00	2.79		Pass	27.5
HE20	MCS0	2	165	5825	25.68	24.61	28.19	30.00	2.79		Pass	27.5
HE40	MCS0	2	151	5755	25.05	24.75	27.91	30.00	2.79		Pass	26.5
HE40	MCS0	2	159	5795	26.21	25.38	28.83	30.00	2.79		Pass	28.5
HE80	MCS0	2	155	5775	21.95	21.46	24.72	30.00	2.79		Pass	22.5

TEST RESULTS DATA
Average Power Table

FCC U-NII-1														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with duty factor (dBm)			FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail	Power setting
						Ant 1	Ant 2	SUM						
VHT20	MCS0	2	36	5180	1+2	20.02	19.57	22.81	30.00	3.75	26.56	-	Pass	20
VHT20	MCS0	2	44	5220	1+2	24.32	24.11	27.23	30.00	3.75	30.98	-	Pass	25.5
VHT20	MCS0	2	48	5240	1+2	24.71	24.21	27.48	30.00	3.75	31.23	-	Pass	26
VHT40	MCS0	2	38	5190	1+2	18.41	18.44	21.44	30.00	3.75	25.19	-	Pass	18.5
VHT40	MCS0	2	46	5230	1+2	22.48	22.16	25.33	30.00	3.75	29.08	-	Pass	23
VHT80	MCS0	2	42	5210	1+2	16.91	16.32	19.64	30.00	3.75	23.39	-	Pass	16.5
VHT160	MCS0	2	50	5250	1+2	15.53	14.95	18.26	30.00	3.75	22.01	-	Pass	15
HE20	MCS0	2	36	5180	1+2	20.49	20.16	23.34	30.00	3.75	27.09	-	Pass	20.5
HE20	MCS0	2	44	5220	1+2	24.85	24.55	27.71	30.00	3.75	31.46	-	Pass	26
HE20	MCS0	2	48	5240	1+2	24.90	24.81	27.87	30.00	3.75	31.62	-	Pass	26.5
HE40	MCS0	2	38	5190	1+2	18.96	18.90	21.94	30.00	3.75	25.69	-	Pass	19
HE40	MCS0	2	46	5230	1+2	22.76	22.51	25.65	30.00	3.75	29.40	-	Pass	23.5
HE80	MCS0	2	42	5210	1+2	17.39	16.73	20.08	30.00	3.75	23.83	-	Pass	17
HE160	MCS0	2	50	5250	1+2	15.69	14.98	18.36	30.00	3.75	22.11	-	Pass	15

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)			FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail	Power setting
						Ant 1	Ant 2	SUM						
VHT20	MCS0	2	52	5260	1+2	18.32	18.52	21.43	23.98	3.75	25.18	30.00	Pass	19
VHT20	MCS0	2	60	5300	1+2	18.19	18.69	21.46	23.98	3.75	25.21	30.00	Pass	18.5
VHT20	MCS0	2	64	5320	1+2	18.60	18.30	21.46	23.98	3.75	25.21	30.00	Pass	19
VHT40	MCS0	2	54	5270	1+2	19.76	19.48	22.63	23.98	3.75	26.38	30.00	Pass	20
VHT40	MCS0	2	62	5310	1+2	18.23	17.95	21.10	23.98	3.75	24.85	30.00	Pass	18
VHT80	MCS0	2	58	5290	1+2	16.67	16.72	19.71	23.98	3.75	23.46	30.00	Pass	16.5
VHT160	MCS0	2	50	5250	1+2	15.53	14.95	18.26	23.98	3.75	22.01	30.00	Pass	15
HE20	MCS0	2	52	5260	1+2	18.78	18.86	21.83	23.98	3.75	25.58	30.00	Pass	19.5
HE20	MCS0	2	60	5300	1+2	18.64	19.11	21.89	23.98	3.75	25.64	30.00	Pass	19
HE20	MCS0	2	64	5320	1+2	18.75	18.82	21.80	23.98	3.75	25.55	30.00	Pass	19.5
HE40	MCS0	2	54	5270	1+2	20.05	19.97	23.02	23.98	3.75	26.77	30.00	Pass	20.5
HE40	MCS0	2	62	5310	1+2	18.56	18.36	21.47	23.98	3.75	25.22	30.00	Pass	18.5
HE80	MCS0	2	58	5290	1+2	17.09	17.17	20.14	23.98	3.75	23.89	30.00	Pass	17
HE160	MCS0	2	50	5250	1+2	15.69	14.98	18.36	23.98	3.75	22.11	30.00	Pass	15

TEST RESULTS DATA
Average Power Table

FCC U-NII-2C														
Mod.	Data Rate	Ntx	CH.	Freq. (MHz)	Ant	Average Conducted Power with Duty Factor (dB)			FCC Power Limit (dBm)	DG (dBi)	FCC EIRP Power (dBm)	FCC EIRP Power Limit (dBm)	Pass/Fail	Power setting
						Ant 1	Ant 2	SUM						
VHT20	MCS0	2	100	5500	1+2	17.48	17.26	20.38	23.98	4.44	24.82	30.00	Pass	18
VHT20	MCS0	2	116	5580	1+2	17.31	17.43	20.38	23.98	4.44	24.82	30.00	Pass	18
VHT20	MCS0	2	140	5700	1+2	16.58	17.11	19.86	23.98	4.44	24.30	30.00	Pass	17
VHT20	MCS0	2	144	5720	1+2	16.79	17.32	20.07	23.98	4.44	24.51	30.00	Pass	18
VHT40	MCS0	2	102	5510	1+2	17.02	16.89	19.97	23.98	4.44	24.41	30.00	Pass	17
VHT40	MCS0	2	110	5550	1+2	18.73	18.65	21.70	23.98	4.44	26.14	30.00	Pass	19
VHT40	MCS0	2	134	5670	1+2	17.87	17.91	20.90	23.98	4.44	25.34	30.00	Pass	18
VHT40	MCS0	2	142	5710	1+2	18.42	18.39	21.42	23.98	4.44	25.86	30.00	Pass	19
VHT80	MCS0	2	106	5530	1+2	16.59	15.91	19.27	23.98	4.44	23.71	30.00	Pass	16.5
VHT80	MCS0	2	122	5610	1+2	18.41	17.77	21.11	23.98	4.44	25.55	30.00	Pass	18.5
VHT80	MCS0	2	138	5690	1+2	18.10	18.32	21.22	23.98	4.44	25.66	30.00	Pass	20
VHT160	MCS0	2	114	5570	1+2	13.80	13.64	16.73	23.98	4.44	21.17	30.00	Pass	13.5
HE20	MCS0	2	100	5500	1+2	17.77	17.79	20.79	23.98	4.44	25.23	30.00	Pass	18.5
HE20	MCS0	2	116	5580	1+2	17.82	17.60	20.72	23.98	4.44	25.16	30.00	Pass	18.5
HE20	MCS0	2	140	5700	1+2	16.91	17.69	20.33	23.98	4.44	24.77	30.00	Pass	17.5
HE20	MCS0	2	144	5720	1+2	17.19	17.98	20.61	23.98	4.44	25.05	30.00	Pass	18.5
HE40	MCS0	2	102	5510	1+2	17.42	17.21	20.33	23.98	4.44	24.77	30.00	Pass	17.5
HE40	MCS0	2	110	5550	1+2	19.15	19.02	22.10	23.98	4.44	26.54	30.00	Pass	19.5
HE40	MCS0	2	134	5670	1+2	18.35	18.32	21.35	23.98	4.44	25.79	30.00	Pass	18.5
HE40	MCS0	2	142	5710	1+2	18.78	18.81	21.81	23.98	4.44	26.25	30.00	Pass	19.5
HE80	MCS0	2	106	5530	1+2	17.03	16.39	19.73	23.98	4.44	24.17	30.00	Pass	17
HE80	MCS0	2	122	5610	1+2	18.89	18.14	21.54	23.98	4.44	25.98	30.00	Pass	19
HE80	MCS0	2	138	5690	1+2	18.55	18.78	21.68	23.98	4.44	26.12	30.00	Pass	20.5
HE160	MCS0	2	114	5570	1+2	13.97	13.69	16.84	23.98	4.44	21.28	30.00	Pass	13.5

TEST RESULTS DATA
Average Power Table

U-NII-3											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)	DG (dBi)	Pass/Fail	Power setting
					Ant 1	Ant 2	SUM				
VHT20	MCS0	2	149	5745	21.76	22.06	24.92	30.00	4.50	Pass	23
VHT20	MCS0	2	157	5785	22.94	23.02	25.99	30.00	4.50	Pass	25
VHT20	MCS0	2	165	5825	22.98	22.76	25.88	30.00	4.50	Pass	25
VHT40	MCS0	2	151	5755	22.82	22.68	25.76	30.00	4.50	Pass	24
VHT40	MCS0	2	159	5795	23.89	23.59	26.75	30.00	4.50	Pass	26
VHT80	MCS0	2	155	5775	19.54	19.18	22.37	30.00	4.50	Pass	20
HE20	MCS0	2	149	5745	22.08	22.58	25.35	30.00	4.50	Pass	23.5
HE20	MCS0	2	157	5785	23.48	23.51	26.51	30.00	4.50	Pass	25.5
HE20	MCS0	2	165	5825	23.52	23.11	26.33	30.00	4.50	Pass	25.5
HE40	MCS0	2	151	5755	23.12	22.95	26.05	30.00	4.50	Pass	24.5
HE40	MCS0	2	159	5795	24.32	23.92	27.13	30.00	4.50	Pass	26.5
HE80	MCS0	2	155	5775	20.08	19.61	22.86	30.00	4.50	Pass	20.5