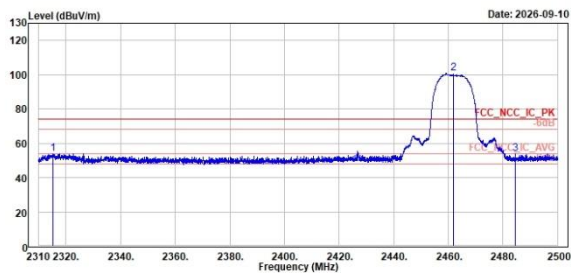
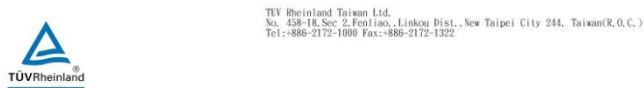


Appendix A: Test Results of Radiated Spurious Emissions

Band Edges, 2.31GHz ~ 2.5GHz

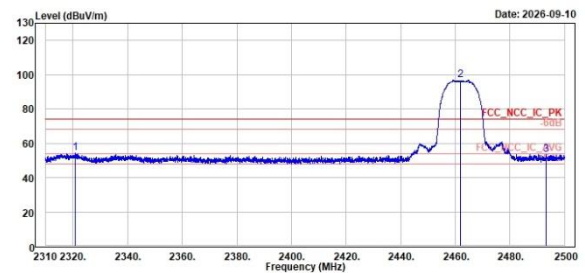
802.11b

High Channel (Horizontal) Peak



Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Horizontal
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_b_2462
Power Setting: -10.5
Plane : E2
Sample : A004358425-007
Test Data : 20260910
VBW : 500Hz

	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2315.28	53.94	17.36	36.58	74.00	-20.06	240	292	Peak	Horizontal		
2 *	2462.00	100.79	63.38	37.41	74.00	26.79	240	292	Peak	Horizontal		
3	2484.46	53.73	16.25	37.48	74.00	-20.27	240	292	Peak	Horizontal		



Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Vertical
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_b_2462
Power Setting: -10.5
Plane : E2
Sample : A004358425-007
Test Data : 20260910
VBW : 500Hz

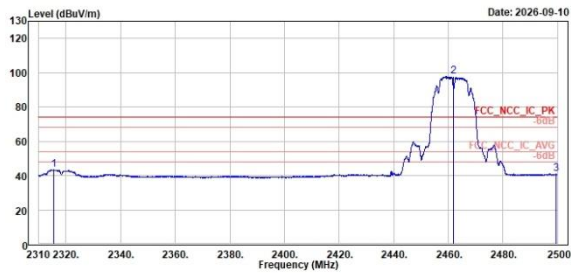
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2320.83	54.44	17.79	36.65	74.00	-19.56	300	174	Peak	Vertical		
2 *	2462.00	96.79	59.38	37.41	74.00	22.79	300	174	Peak	Vertical		
3	2493.39	53.24	15.73	37.51	74.00	-20.76	300	174	Peak	Vertical		

802.11b

High Channel (Horizontal) Average



TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

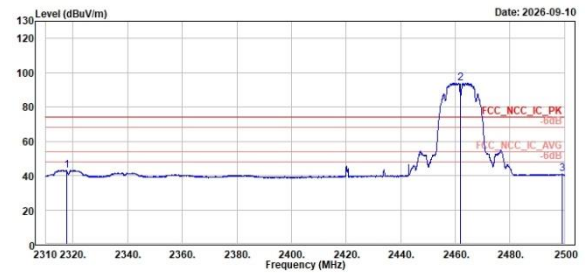


Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Horizontal
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_b_2462
Power Setting: -10.5
Plane : E2
Sample : A004358425-007
Test Data : 20260910
VBW : 500Hz

	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2315.43	43.42	6.84	36.58	54.00	-10.58	240	292	Average	Horizontal		
2 *	2462.00	97.64	60.23	37.41	54.00	43.64	240	292	Average	Horizontal		
3	2499.39	41.01	3.49	37.52	54.00	-12.99	240	292	Average	Horizontal		



TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Vertical
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_b_2462
Power Setting: -10.5
Plane : E2
Sample : A004358425-007
Test Data : 20260910
VBW : 500Hz

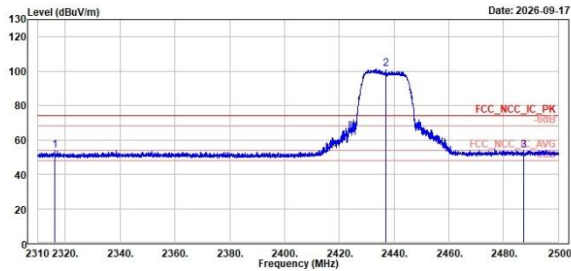
	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	2317.56	43.09	6.47	36.62	54.00	-10.91	300	174	Average	Vertical		
2 *	2462.00	93.64	56.43	37.41	54.00	39.64	300	174	Average	Vertical		
3	2499.16	40.80	3.28	37.52	54.00	-13.20	300	174	Average	Vertical		

802.11g

Middle Channel (Horizontal) Peak



TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenliang, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

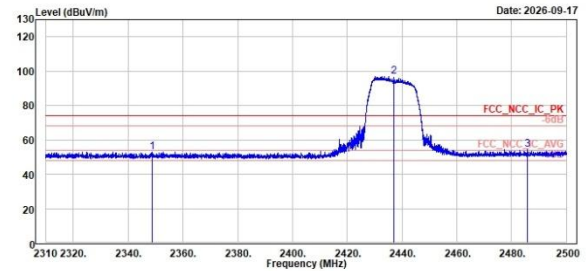


Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Horizontal
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_g_2437
Power Setting: -9
Plane : E2
Sample : A004358425-007
Test Data : 20260917
VBW : 1KHz

	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2316.04	53.77	17.17	36.60	74.00	-20.23	308		54 Peak	Horizontal	
2 *	2437.00	101.36	64.16	37.20	74.00	27.36	308		54 Peak	Horizontal	
3	2487.38	54.04	16.56	37.48	74.00	-19.96	308		54 Peak	Horizontal	



TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenliang, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Vertical
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_g_2437
Power Setting: -9
Plane : E2
Sample : A004358425-007
Test Data : 20260917
VBW : 1KHz

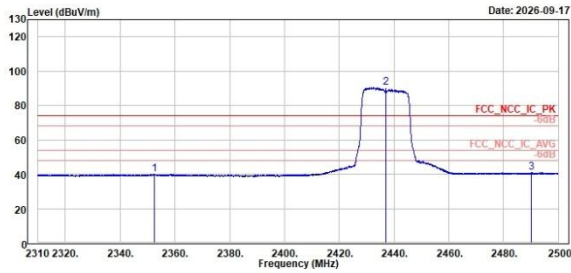
	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2348.65	52.90	15.94	36.96	74.00	-21.10	337		0 Peak	Vertical	
2 *	2437.00	97.12	59.92	37.20	74.00	23.12	337		0 Peak	Vertical	
3	2485.71	54.34	16.86	37.48	74.00	-19.66	337		0 Peak	Vertical	

802.11g

Middle Channel (Horizontal) Average



TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenliang, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



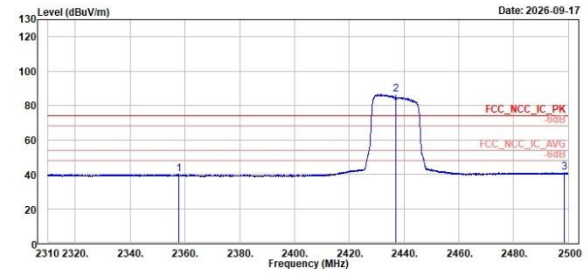
Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Horizontal
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_g_2437
Power Setting: -9
Plane : E2
Sample : A004358425-007
Test Data : 20260917
VBW : 1KHz

	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2352.52	40.12	3.17	36.95	54.00	-13.88	308		54 Average	Horizontal	
2 *	2437.00	90.30	53.10	37.20	54.00	36.30	308		54 Average	Horizontal	
3	2490.23	41.00	3.51	37.49	54.00	-13.00	308		54 Average	Horizontal	

Middle Channel (Vertical) Average



TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenliang, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

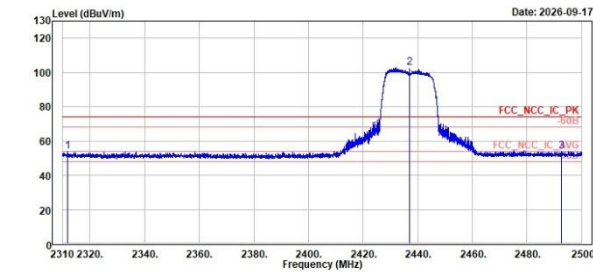


Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Vertical
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_g_2437
Power Setting: -9
Plane : E2
Sample : A004358425-007
Test Data : 20260917
VBW : 1KHz

	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2357.65	39.90	2.97	36.93	54.00	-14.10	337		0 Average	Vertical	
2 *	2437.00	86.43	49.23	37.20	54.00	32.43	337		0 Average	Vertical	
3	2490.56	40.90	3.38	37.52	54.00	-13.10	337		0 Average	Vertical	

802.11n HT20

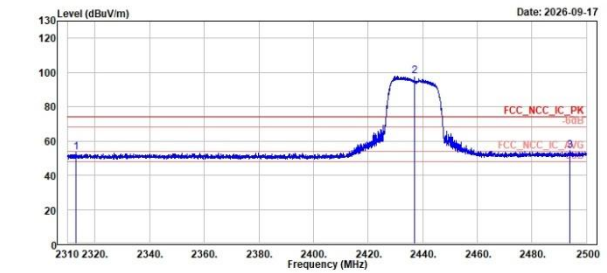
Middle Channel (Horizontal) Peak



Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Horizontal
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_n20_2437
Power Setting: -9
Plane : E2
Sample : A004358425-007
Test Data : 20260917
VBW : 1KHz

	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2311.90	53.85	17.30	36.55	74.00	-20.15	200		324 Peak	Horizontal	
2 *	2437.00	102.61	65.41	37.20	74.00	28.61	200		324 Peak	Horizontal	
3	2492.51	53.95	16.44	37.51	74.00	-20.05	200		324 Peak	Horizontal	

Middle Channel (Vertical) Peak

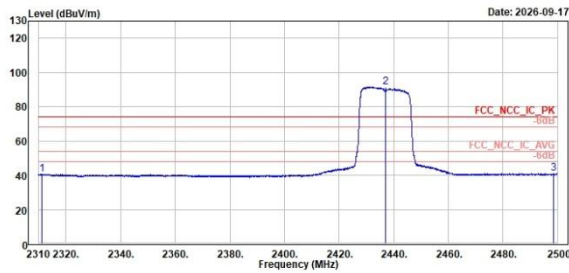


Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Vertical
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_n20_2437
Power Setting: -9
Plane : E2
Sample : A004358425-007
Test Data : 20260917
VBW : 1KHz

	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2313.04	53.39	16.83	36.56	74.00	-20.61	338		0 Peak	Vertical	
2 *	2437.00	97.73	60.53	37.20	74.00	23.73	338		0 Peak	Vertical	
3	2493.84	54.16	16.65	37.51	74.00	-19.84	338		0 Peak	Vertical	

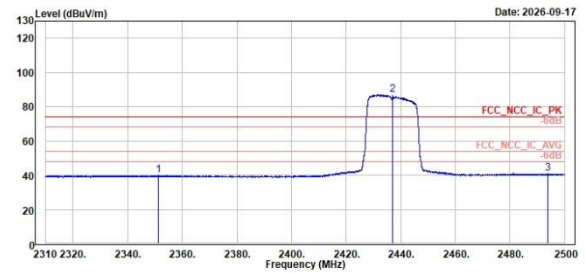
802.11n HT20

Middle Channel (Horizontal) Average



Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Horizontal
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_n20_2437
Power Setting: -9
Plane : E2
Sample : A004358425-007
Test Data : 20260917
VBW : 1KHz

	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2311.14	40.54	4.00	36.54	54.00	-13.46	200	324	Average	Horizontal	
2 *	2437.00	91.65	54.45	37.20	54.00	37.65	200	324	Average	Horizontal	
3	2498.52	41.06	3.54	37.52	54.00	-12.94	200	324	Average	Horizontal	



Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Vertical
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_n20_2437
Power Setting: -9
Plane : E2
Sample : A004358425-007
Test Data : 20260917
VBW : 1KHz

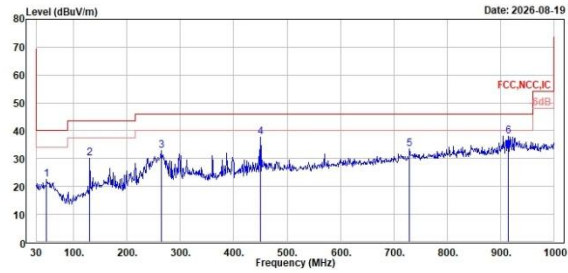
	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	2351.27	39.88	2.92	36.96	54.00	-14.12	338	0	Average	Vertical	
2 *	2437.00	86.95	49.75	37.20	54.00	32.95	338	0	Average	Vertical	
3	2493.81	40.90	3.39	37.51	54.00	-13.10	338	0	Average	Vertical	

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

Horizontal



TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



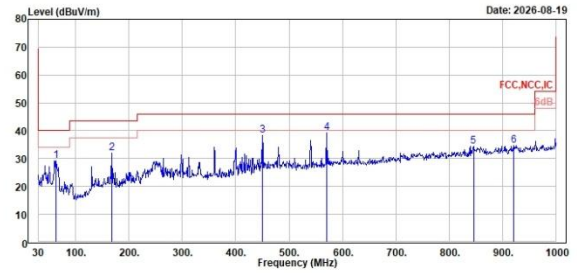
Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Horizontal
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_Mode
Plane : E2
Sample : A004358425-007
Test Data : 20260818

	Freq MHz	Read			Limit Line	Over Limit	APos cm	TPos deg	Remark	Pol/Phase	Note
		Level dBuV/m	Level dBuV	Factor dB/m							
1	49.40	22.50	29.60	-7.10	40.00	-17.50	100	80	Peak	Horizontal	
2	129.91	30.15	39.29	-9.14	43.50	-13.35	200	219	Peak	Horizontal	
3	263.77	32.09	40.42	-7.53	46.00	-13.11	100	272	Peak	Horizontal	
4	450.01	37.76	40.69	-2.93	46.00	-8.24	200	207	Peak	Horizontal	
5	729.37	33.42	31.03	2.39	46.00	-12.58	200	259	Peak	Horizontal	
6	914.64	38.03	33.04	4.99	46.00	-7.97	100	302	Peak	Horizontal	

Vertical



TÜV Rheinland Taiwan Ltd.
No. 428-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Vertical
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_Mode
Plane : E2
Sample : A004358425-007
Test Data : 20260818

	Freq MHz	Read			Limit Line	Over Limit	APos cm	TPos deg	Remark	Pol/Phase	Note
		Level dBuV/m	Level dBuV	Factor dB/m							
1	62.98	29.33	37.49	-8.16	40.00	-10.67	100	360	Peak	Vertical	
2	167.74	32.01	38.79	-6.78	43.50	-11.49	100	285	Peak	Vertical	
3	450.01	38.43	41.36	-2.93	46.00	-7.57	110	360	Peak	Vertical	
4	570.29	39.17	39.96	-0.79	46.00	-6.83	100	160	Peak	Vertical	
5	845.77	34.34	30.57	3.77	46.00	-11.66	200	360	Peak	Vertical	
6	920.46	34.81	29.78	5.03	46.00	-11.19	100	160	Peak	Vertical	

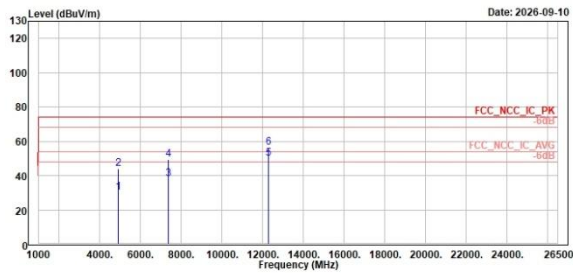
Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

802.11b

High Channel (Horizontal)



TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



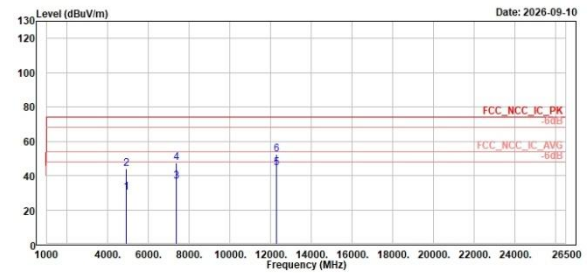
Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Horizontal
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_b_2462
Power Setting: -10.5
Plane : E2
Sample : A004358425-007
Test Data : 20260910
VBW : 500Hz

	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4924.00	38.05	21.72	8.33	54.00	-23.95	100	79	Average	Horizontal		
2	4924.00	44.03	35.70	8.33	74.00	-29.97	100	79	Peak	Horizontal		
3	7386.00	38.06	29.06	9.00	54.00	-15.94	100	266	Average	Horizontal		
4	7386.00	49.46	40.46	9.00	74.00	-24.54	100	266	Peak	Horizontal		
5	12310.00	49.86	39.63	10.23	54.00	-4.14	115	78	Average	Horizontal		
6	12310.00	56.33	46.10	10.23	74.00	-17.67	115	78	Peak	Horizontal		

High Channel (Vertical)



TÜV Rheinland Taiwan Ltd.
No. 438-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322



Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Vertical
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_b_2462
Power Setting: -10.5
Plane : E2
Sample : A004358425-007
Test Data : 20260910
VBW : 500Hz

	Freq	Level	Read	Level	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg				
1	4924.00	38.16	21.83	8.33	54.00	-23.84	100	55	Average	Vertical		
2	4924.00	44.14	35.81	8.33	74.00	-29.86	100	55	Peak	Vertical		
3	7386.00	36.62	27.62	9.00	54.00	-17.38	288	299	Average	Vertical		
4	7386.00	47.60	38.60	9.00	74.00	-26.40	288	299	Peak	Vertical		
5	12310.00	44.56	34.33	10.23	54.00	-9.44	100	250	Average	Vertical		
6	12310.00	52.30	42.07	10.23	74.00	-21.70	100	250	Peak	Vertical		

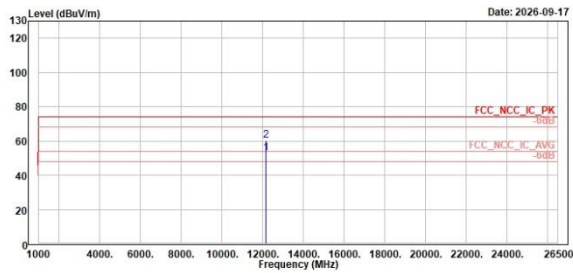
802.11g

Middle Channel (Horizontal)

Middle Channel (Vertical)



TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

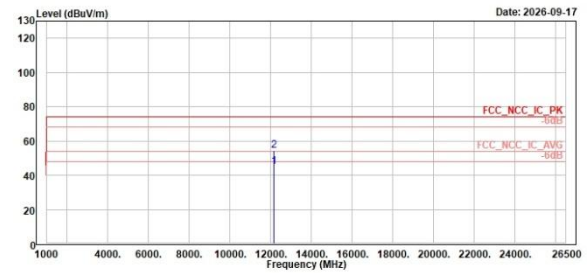


Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Horizontal
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_g_2437
Power Setting: -9
Plane : E2
Sample : A004358425-007
Test Data : 20260917
VBW : 1KHz

	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	12185.00	52.94	43.13	9.81	54.00	-1.06	114		76 Average	Horizontal	
2	12185.00	60.33	50.52	9.81	74.00	-13.67	114		76 Peak	Horizontal	



TÜV Rheinland Taiwan Ltd.
No. 458-18, Sec 2, Fenliao, Linkou Dist., New Taipei City 244, Taiwan(R.O.C.)
Tel: +886-2172-1000 Fax: +886-2172-1322

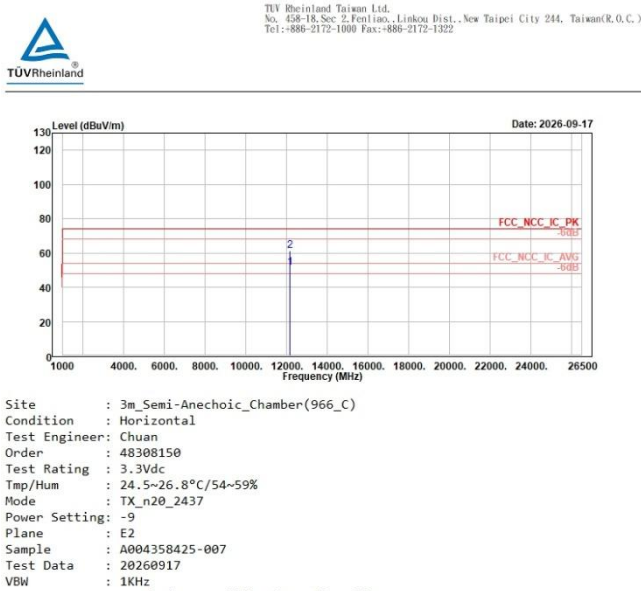


Site : 3m_Semi-Anechoic_Chamber(966_C)
Condition : Vertical
Test Engineer: Chuan
Order : 48308150
Test Rating : 3.3Vdc
Tmp/Hum : 24.5~26.8°C/54~59%
Mode : TX_g_2437
Power Setting: -9
Plane : E2
Sample : A004358425-007
Test Data : 20260917
VBW : 1KHz

	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	12185.00	45.19	35.38	9.81	54.00	-8.61	306		306 Average	Vertical	
2	12185.00	54.29	44.48	9.81	74.00	-19.71	306		306 Peak	Vertical	

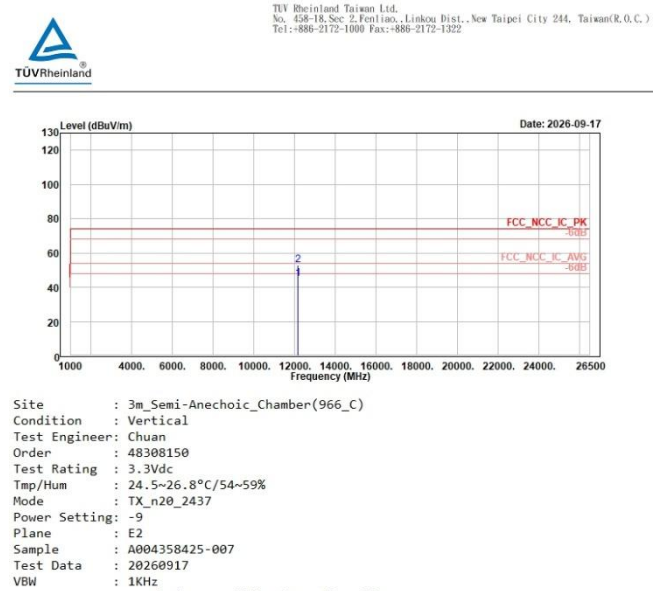
802.11n HT20

Middle Channel (Horizontal)



	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	12185.00	51.50	41.69	9.81	54.00	-2.50	121		83 Average	Horizontal	
2	12185.00	61.25	51.44	9.81	74.00	-12.75	121		83 Peak	Horizontal	

Middle Channel (Vertical)



	Freq	Level	Read	Factor	Limit	Over	APos	TPos	Remark	Pol/Phase	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg			
1	12185.00	45.04	35.23	9.81	54.00	-8.96	300		301 Average	Vertical	
2	12185.00	53.02	43.21	9.81	74.00	-20.98	300		301 Peak	Vertical	