

# Test Report No.50278953 001

## Appendix D: Radiated and Mains Spurious Emission Data

(File: 50278953 001 AppendixD)

DRAFT

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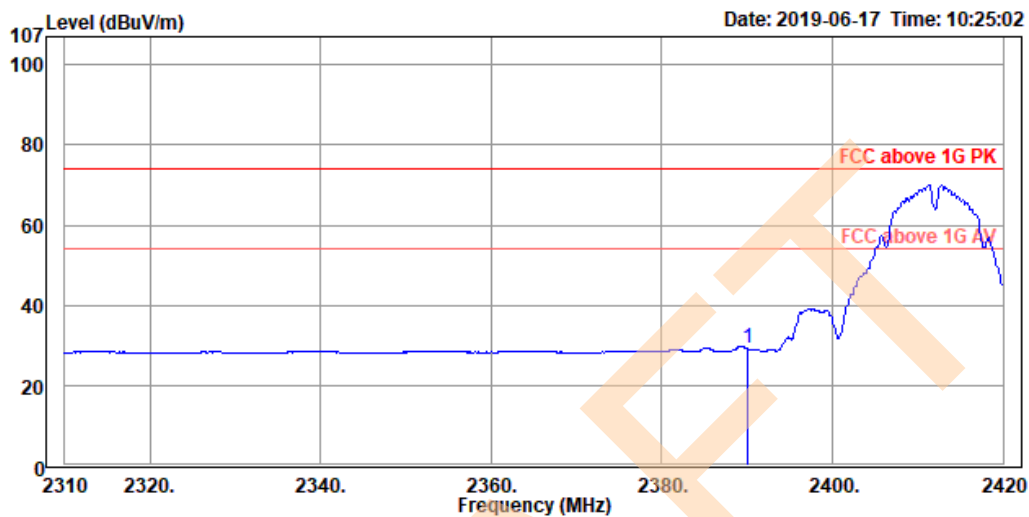
DRAFT

# Spurious Emissions, Band Edges, 2.35-2.5G

Radiated Bandedge (GFSK), Low Channel

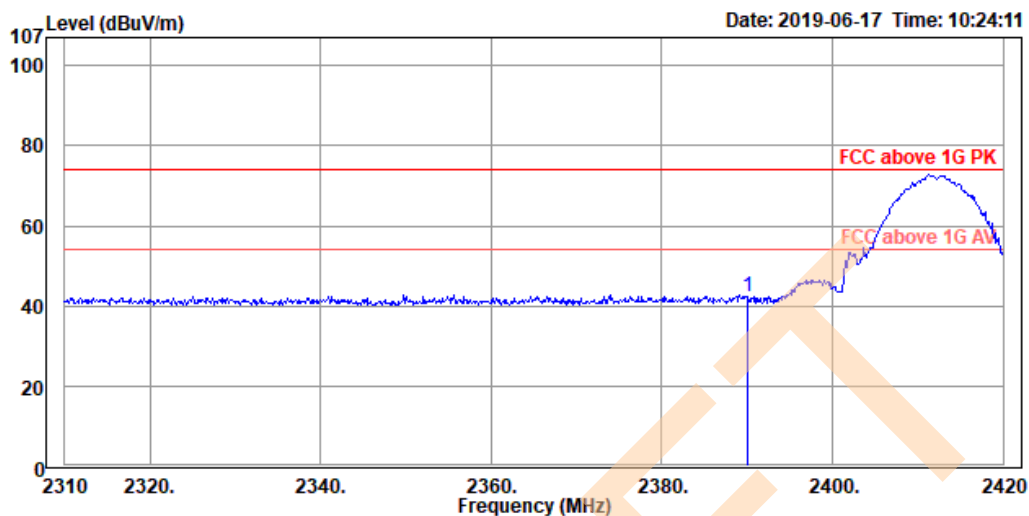


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11F., No. 758, Sec. 4 Bade Road. Songshan Dist, Taipei City 105  
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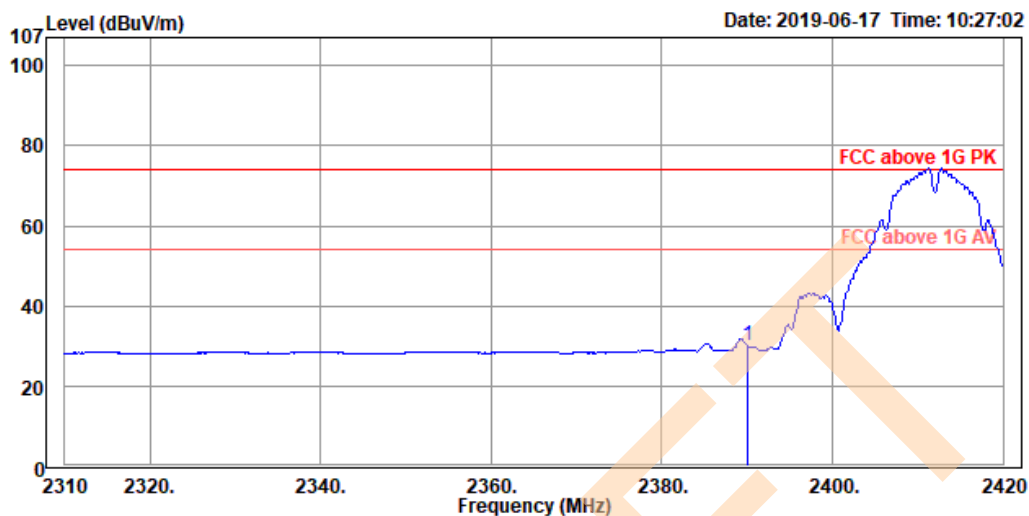
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	29.12	37.32	-8.20	54.00	-24.88	219	238	Average	



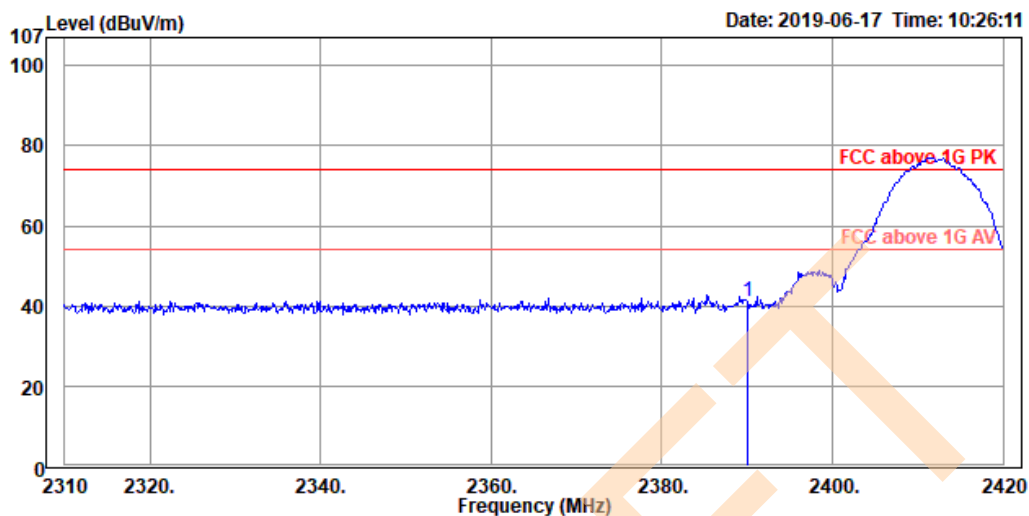
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	42.12	50.32	-8.20	74.00	-31.88	219	238	Peak	



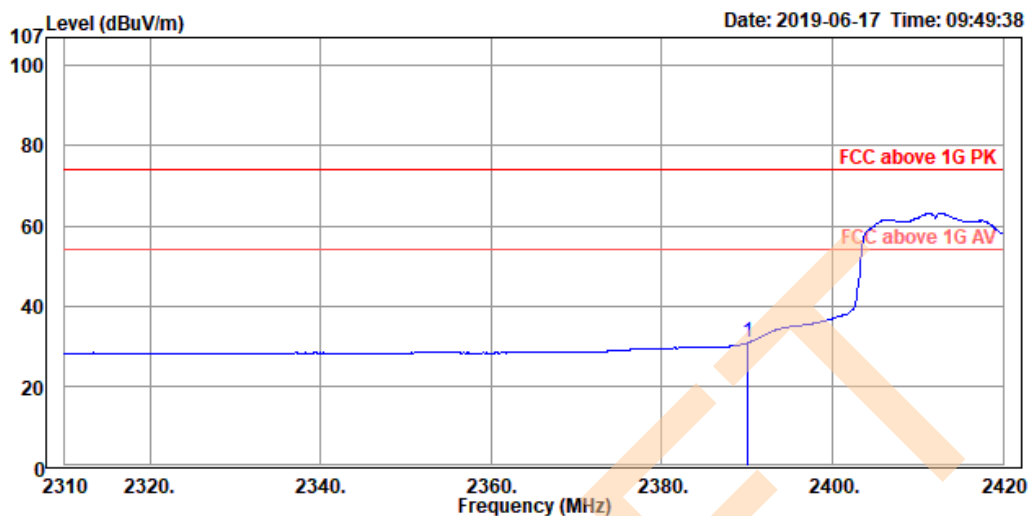
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	30.06	38.26	-8.20	54.00	-23.94	155	113	Average	



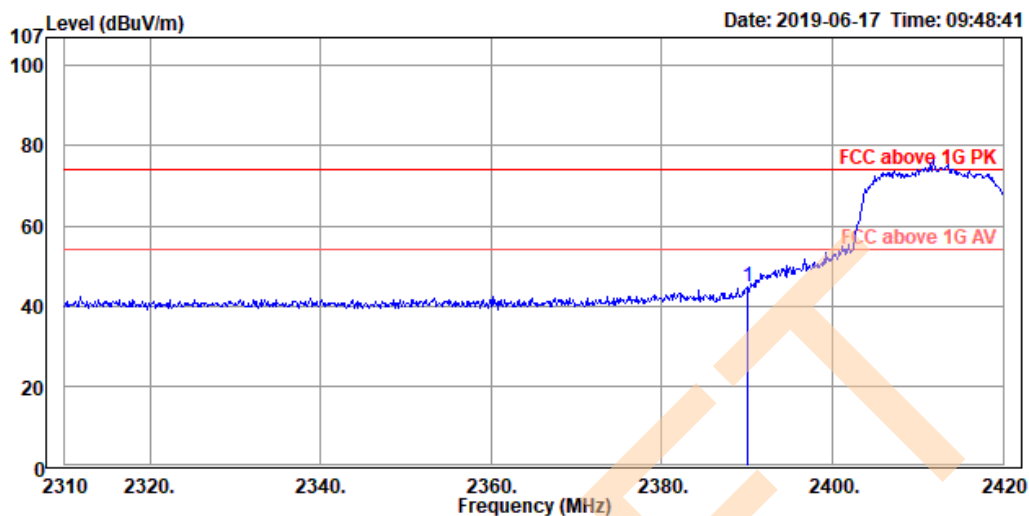
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	41.09	49.29	-8.20	74.00	-32.91	155	113	Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2412  
Memo : Y(直立)

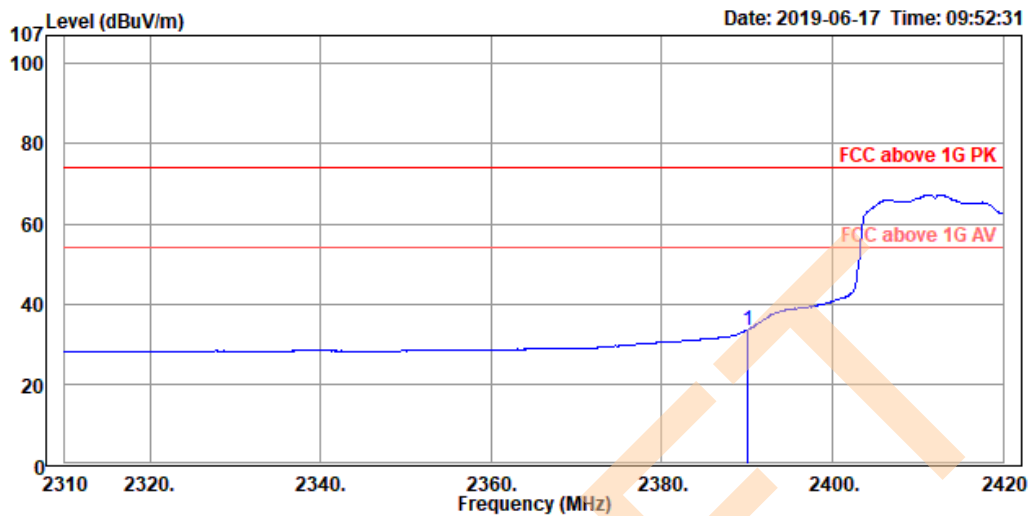
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
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Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2412  
Memo : Y(直立)

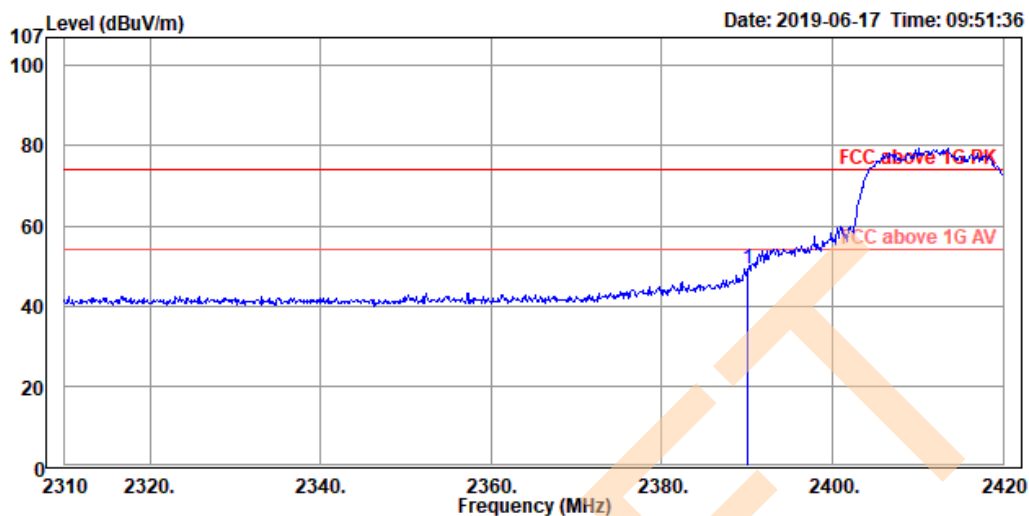
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	44.63	52.83	-8.20	74.00	-29.37	220	235	Peak	





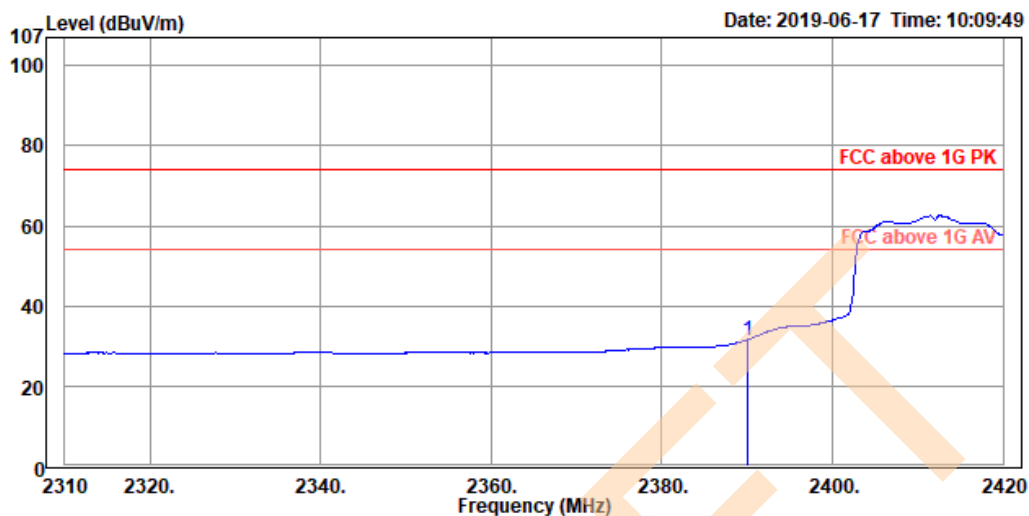
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	33.44	41.64	-8.20	54.00	-20.56	155	113	Average	



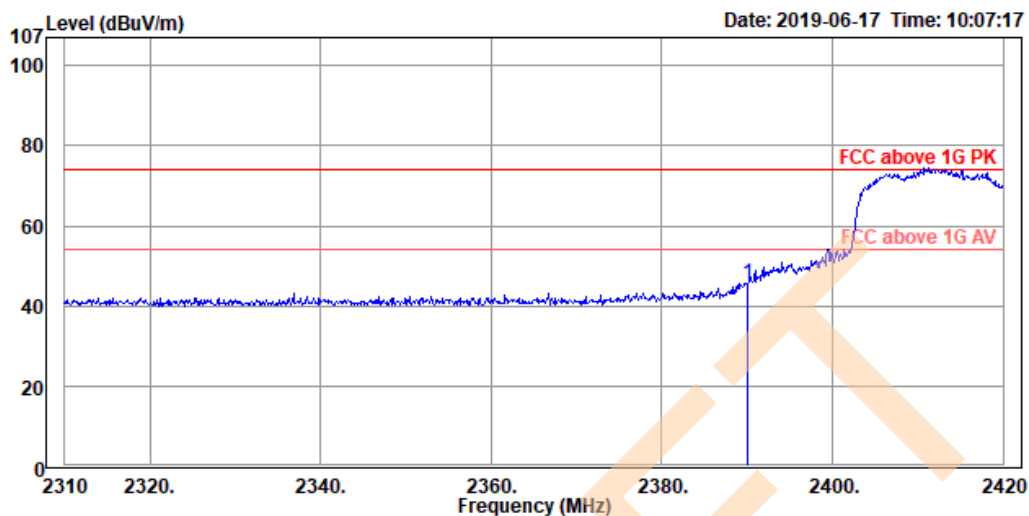
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2412  
Memo : Y(直立)

	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	Level	Factor	Line	Limit	cm	deg	
			dBuV	dB/m	dBuV/m	dB			
1	2390.000	49.13	57.33	-8.20	74.00	-24.87	155	113 Peak	



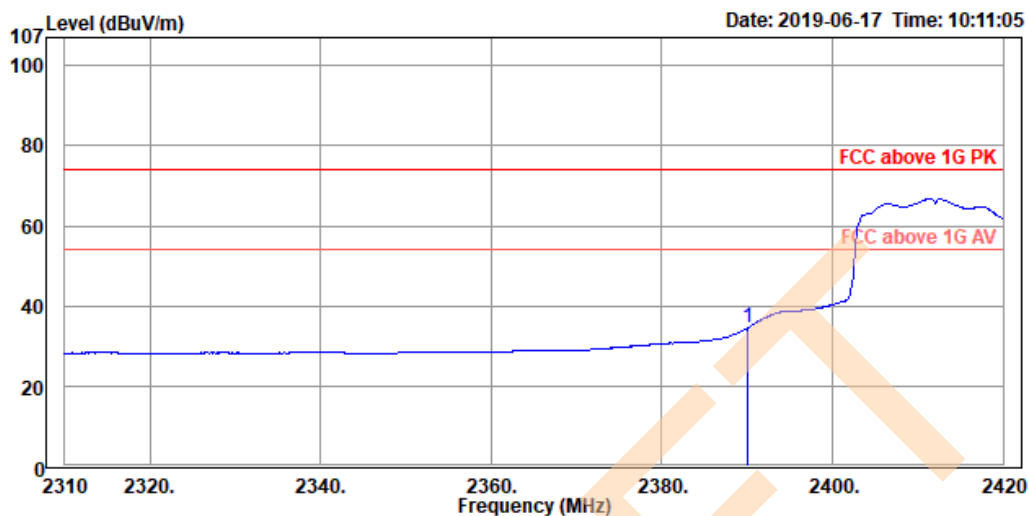
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	31.51	39.71	-8.20	54.00	-22.49	220	236	Average	



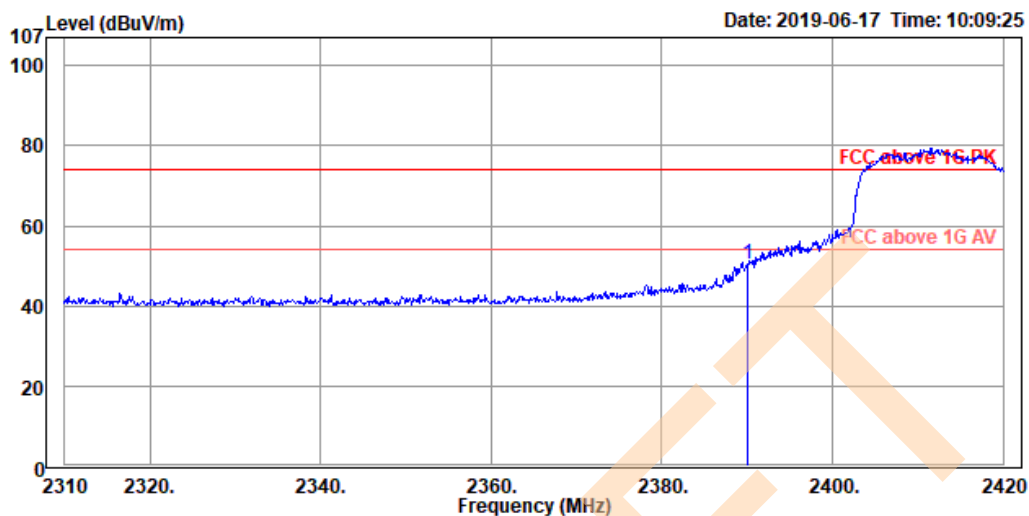
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	45.66	53.86	-8.20	74.00	-28.34	220	236	Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
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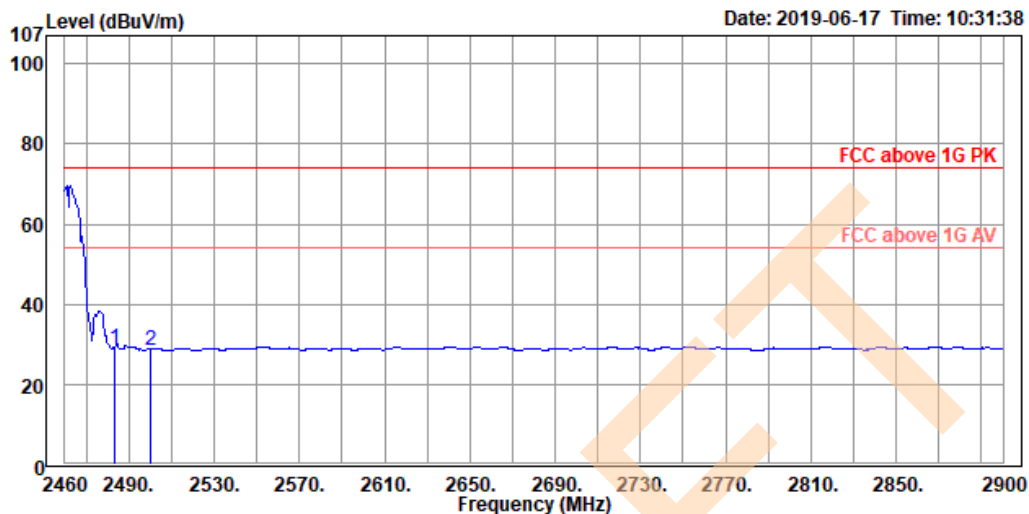
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	50.37	58.57	-8.20	74.00	-23.63	154	111	Peak	

# Radiated Bandedge (GFSK), High Channel

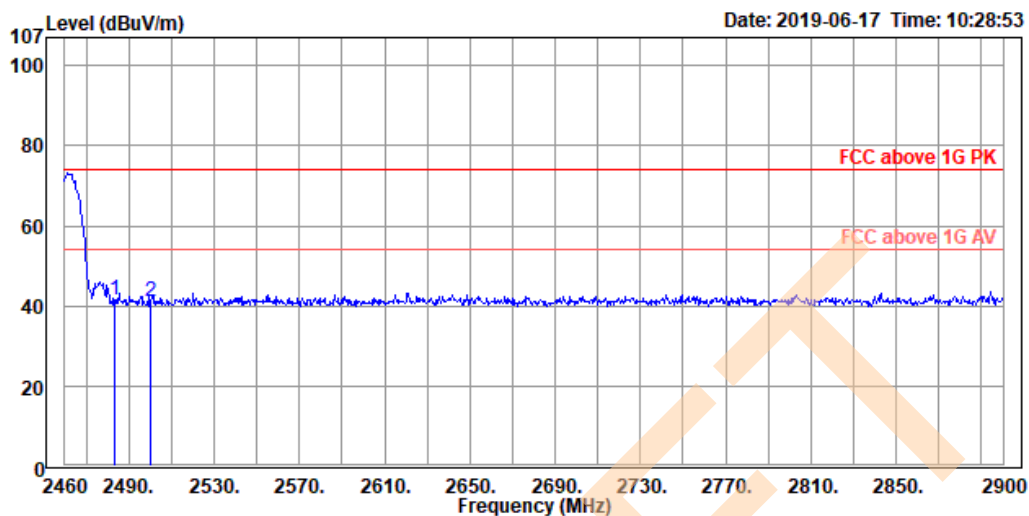


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Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2462  
Memo : Y(直立)

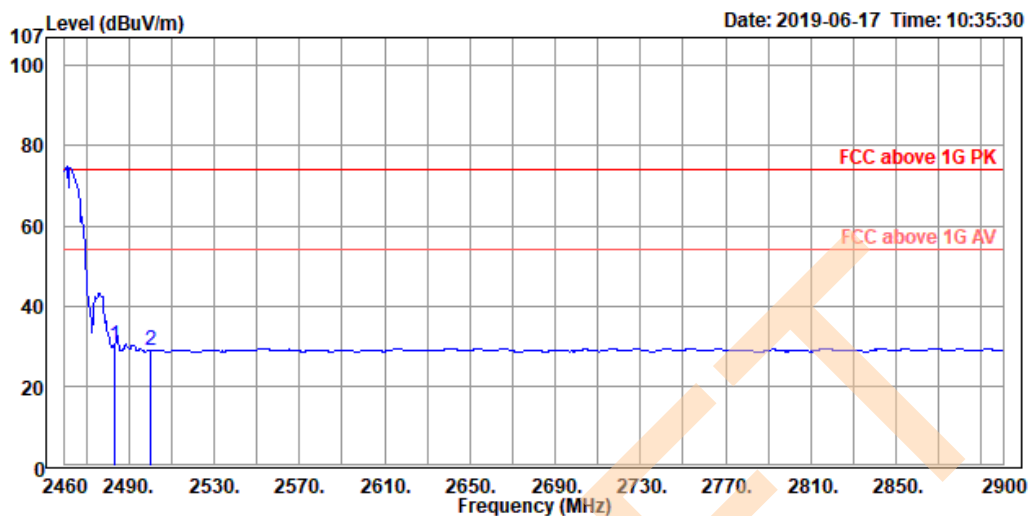
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	28.85	36.90	-8.05	54.00	-25.15	203	236	Average	
2	2500.000	28.68	36.77	-8.09	54.00	-25.32	203	236	Average	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2462  
Memo : Y(直立)

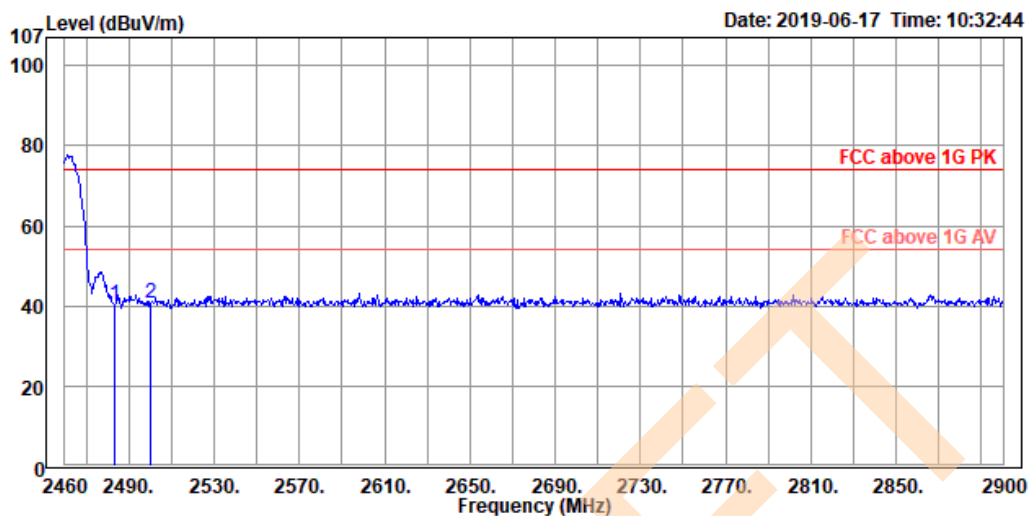
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	41.68	49.73	-8.05	74.00	-32.32	203	236	Peak	
2	2500.000	41.07	49.16	-8.09	74.00	-32.93	203	236	Peak	





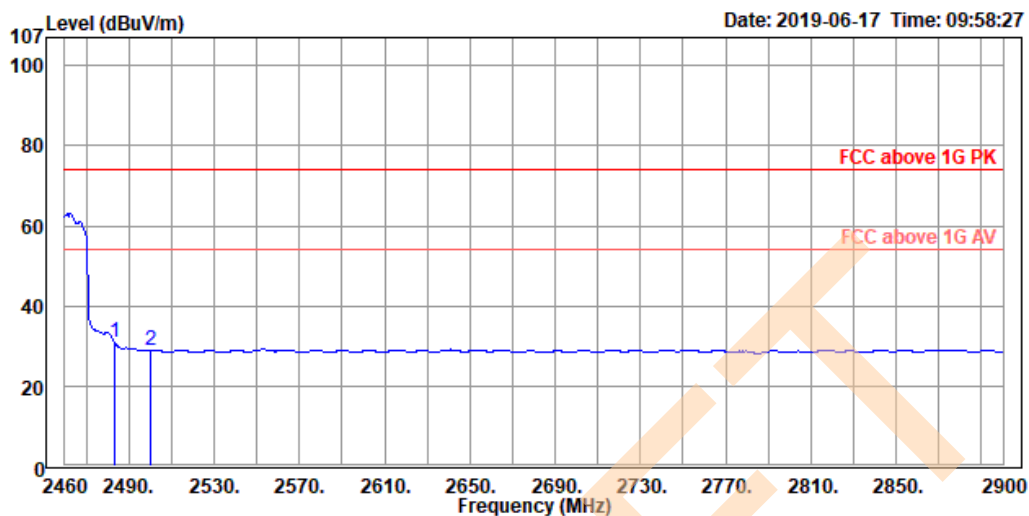
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	30.00	38.05	-8.05	54.00	-24.00	155	120	Average	
2	2500.000	28.88	36.97	-8.09	54.00	-25.12	155	120	Average	



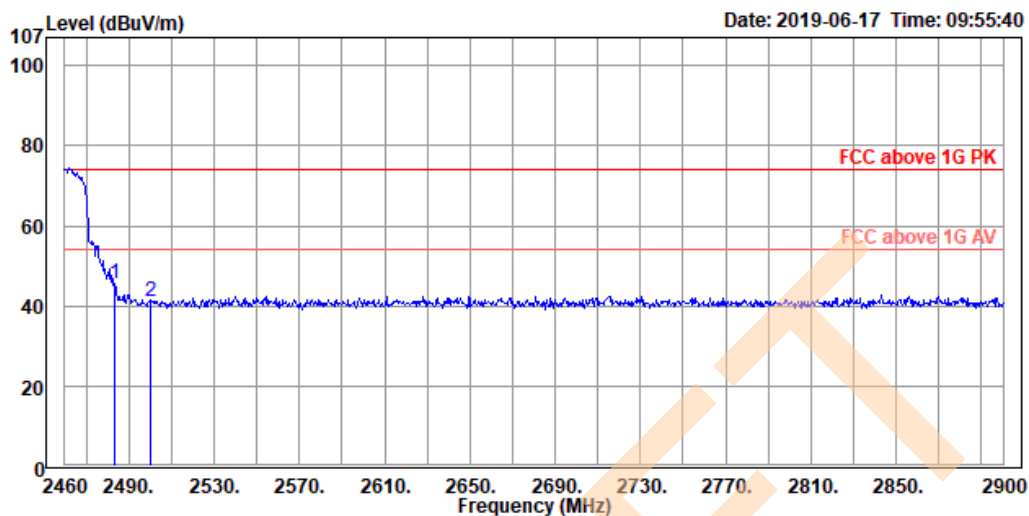
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	40.21	48.26	-8.05	74.00	-33.79	155	120	Peak	
2	2500.000	40.50	48.59	-8.09	74.00	-33.50	155	120	Peak	



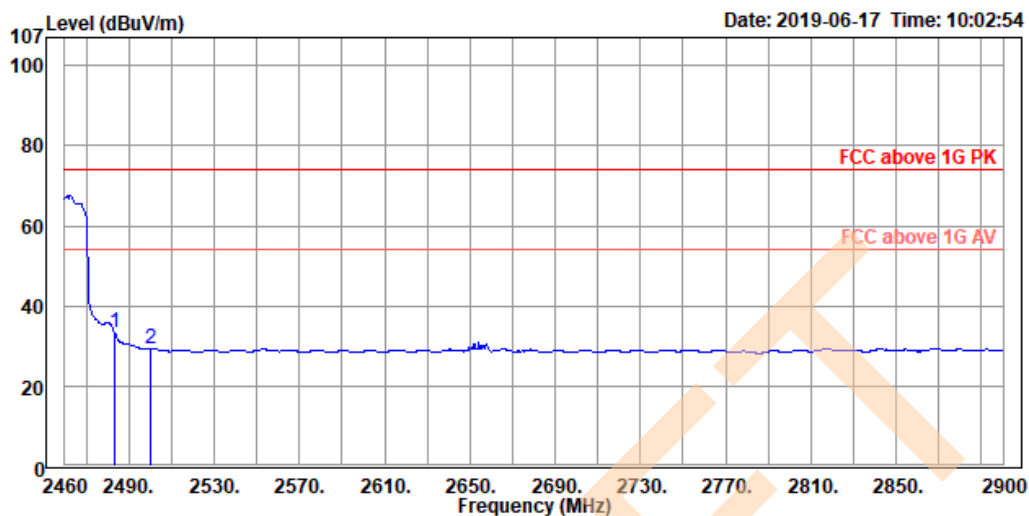
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	31.06	39.11	-8.05	54.00	-22.94	210	234	Average	
2	2500.000	28.80	36.89	-8.09	54.00	-25.20	210	234	Average	



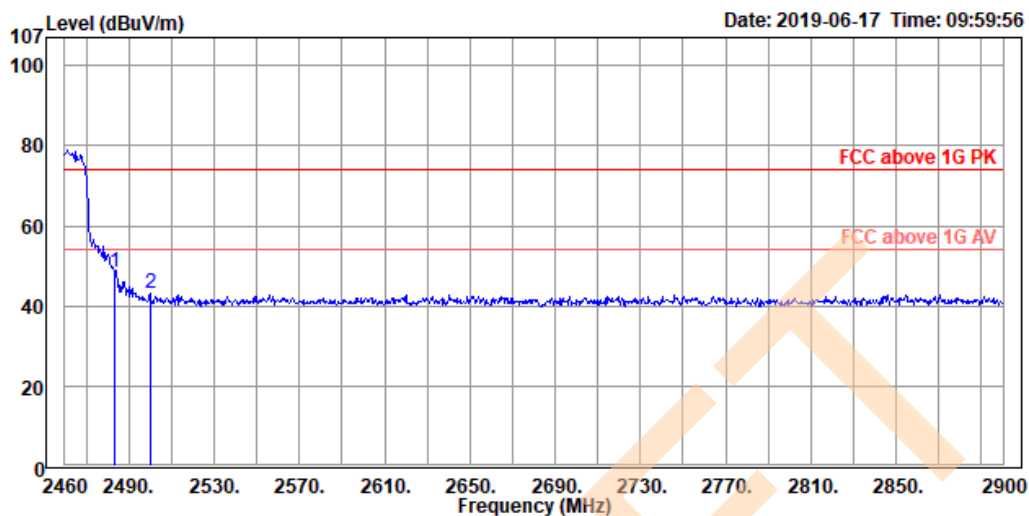
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	45.43	53.48	-8.05	74.00	-28.57	210	234	Peak	
2	2500.000	41.03	49.12	-8.09	74.00	-32.97	210	234	Peak	



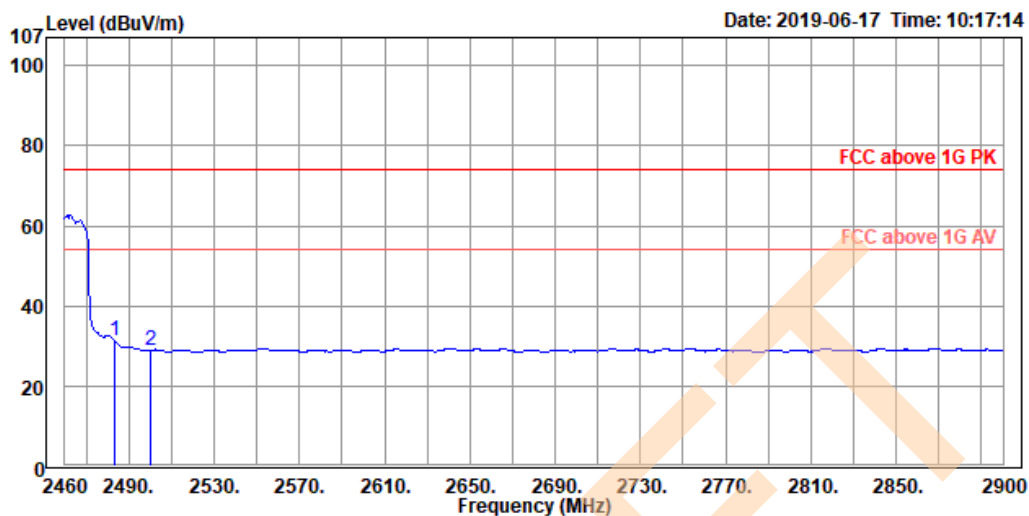
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	33.44	41.49	-8.05	54.00	-20.56	150	143	Average	
2	2500.000	29.16	37.25	-8.09	54.00	-24.84	150	143	Average	



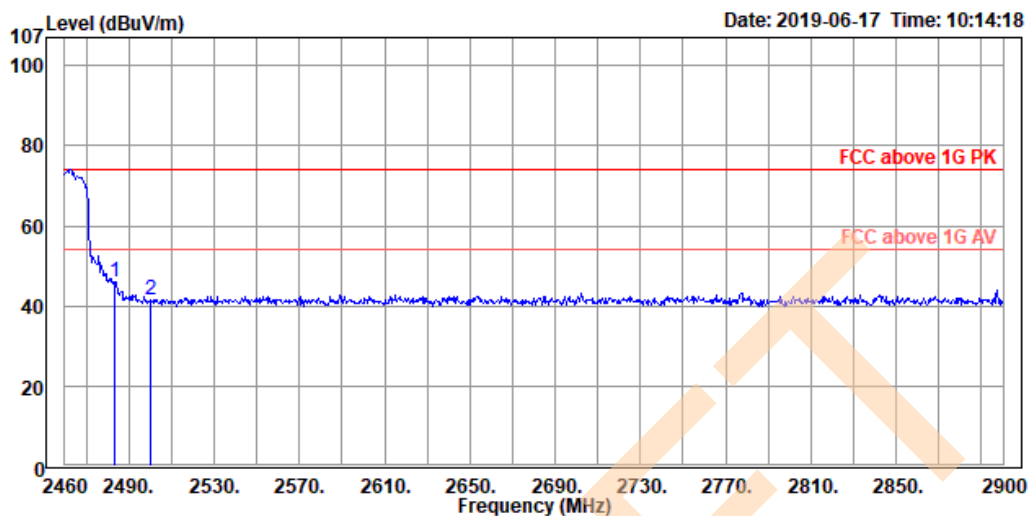
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	48.35	56.40	-8.05	74.00	-25.65	150	143	Peak	
2	2500.000	43.05	51.14	-8.09	74.00	-30.95	150	143	Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2462  
Memo : Y(直立)

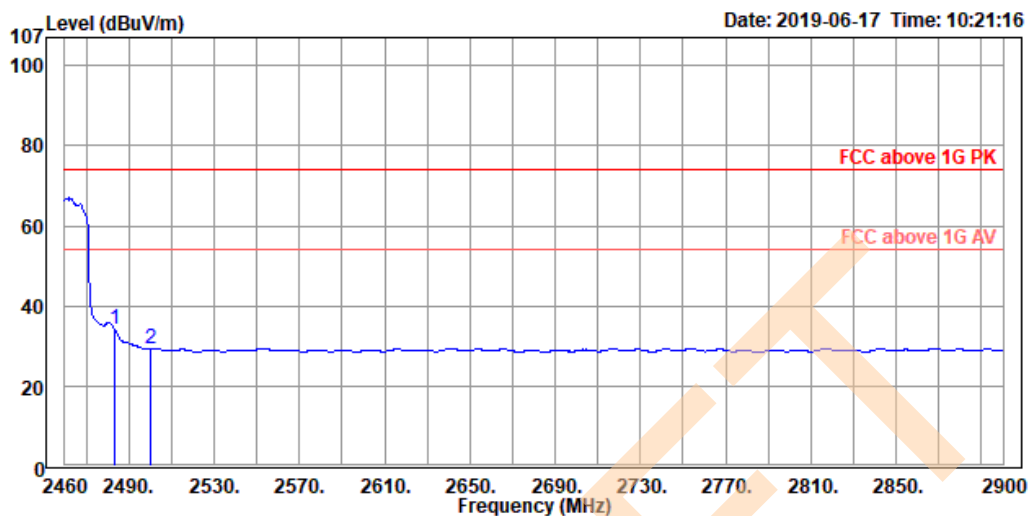
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	31.38	39.43	-8.05	54.00	-22.62	185	234	Average	
2	2500.000	29.01	37.10	-8.09	54.00	-24.99	185	234	Average	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2462  
Memo : Y(直立)

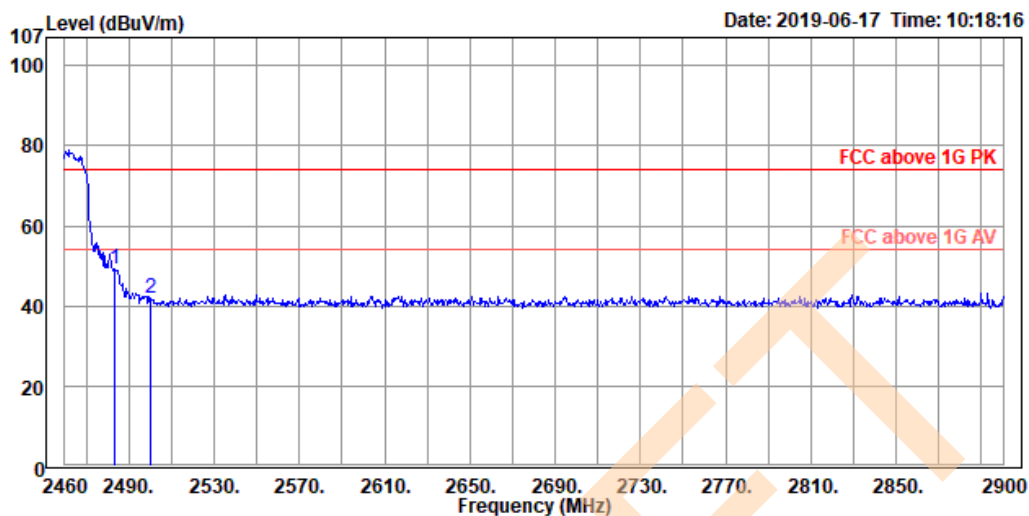
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	46.17	54.22	-8.05	74.00	-27.83	185	234	Peak	
2	2500.000	41.32	49.41	-8.09	74.00	-32.68	185	234	Peak	





Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	34.26	42.31	-8.05	54.00	-19.74	155	113	Average	
2	2500.000	29.29	37.38	-8.09	54.00	-24.71	155	113	Average	



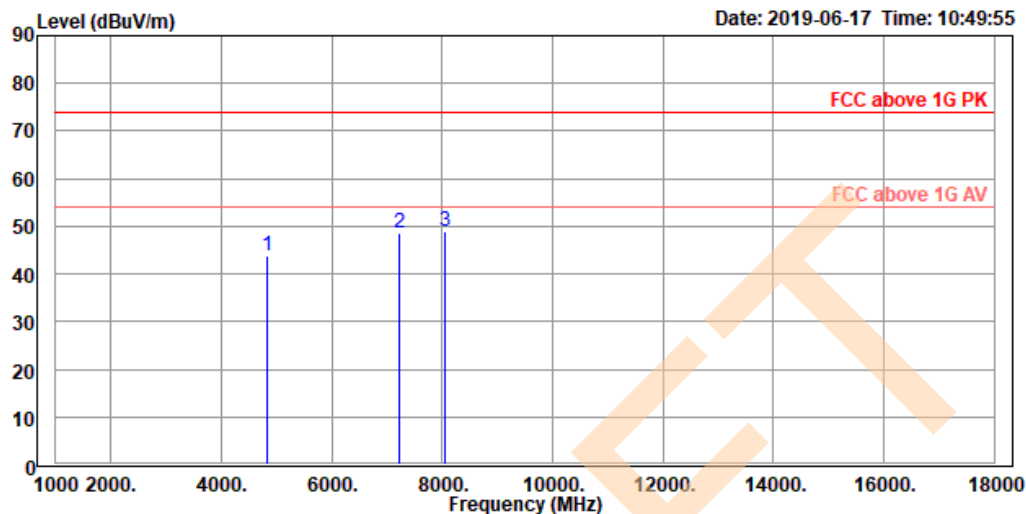
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	49.35	57.40	-8.05	74.00	-24.65	155	113	Peak	
2	2500.000	42.08	50.17	-8.09	74.00	-31.92	155	113	Peak	

# Spurious Emissions, TX Mode, 1-18G

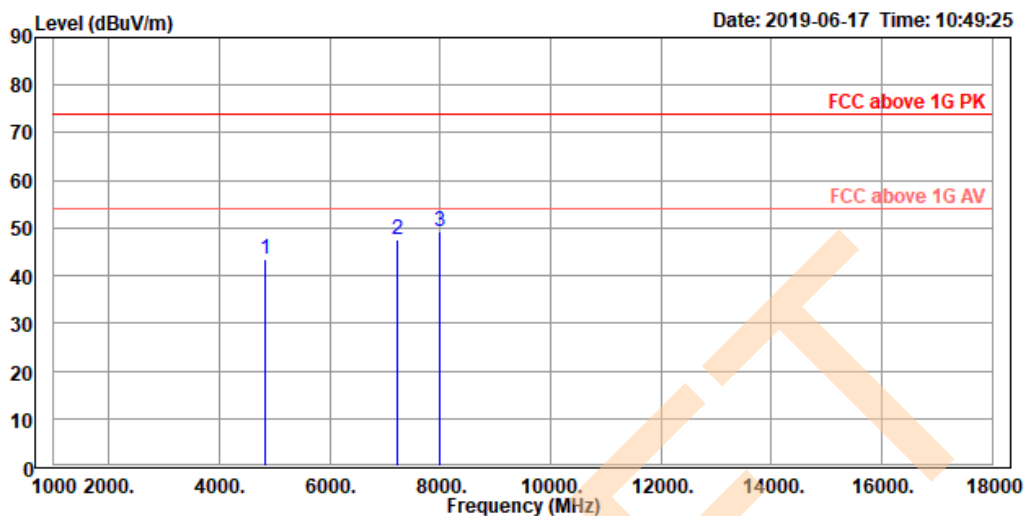


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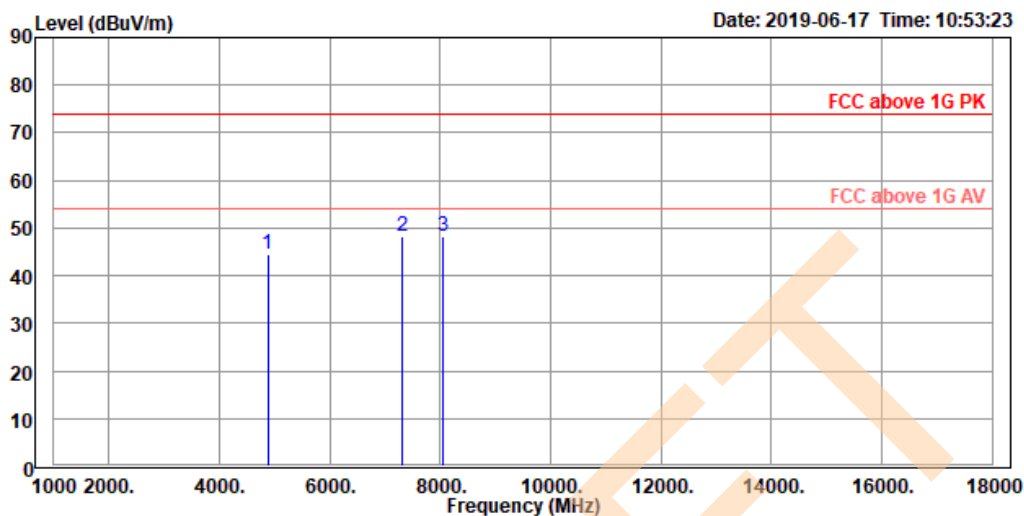
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4824.000	43.94	46.25	-2.31	74.00	-30.06	100	188	Peak	
2	7236.000	48.73	43.18	5.55	74.00	-25.27	100	326	Peak	
3	8055.000	48.86	42.67	6.19	74.00	-25.14	100	352	Peak	



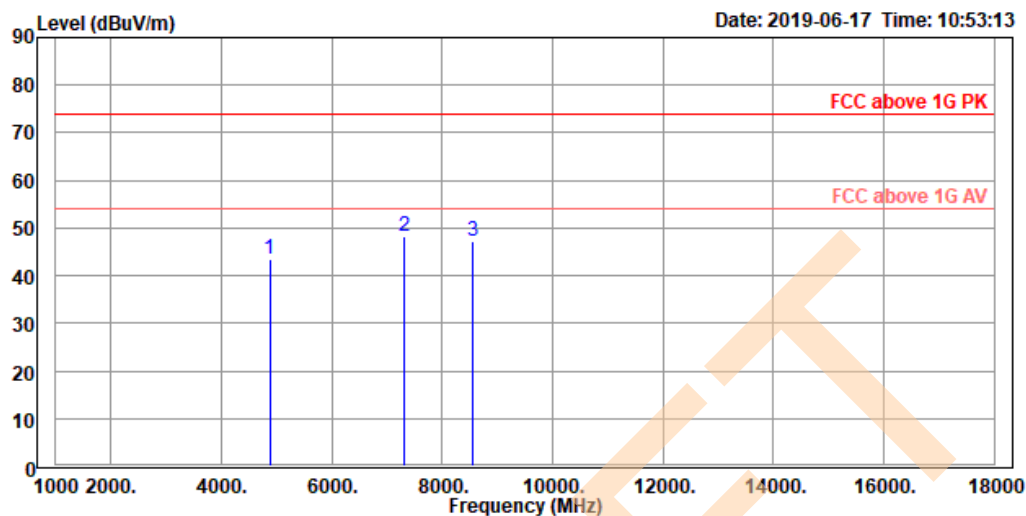
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4824.000	43.31	45.62	-2.31	74.00	-30.69	100	101	Peak	
2	7236.000	47.66	42.11	5.55	74.00	-26.34	100	298	Peak	
3	7987.000	49.44	43.31	6.13	74.00	-24.56	100	35	Peak	



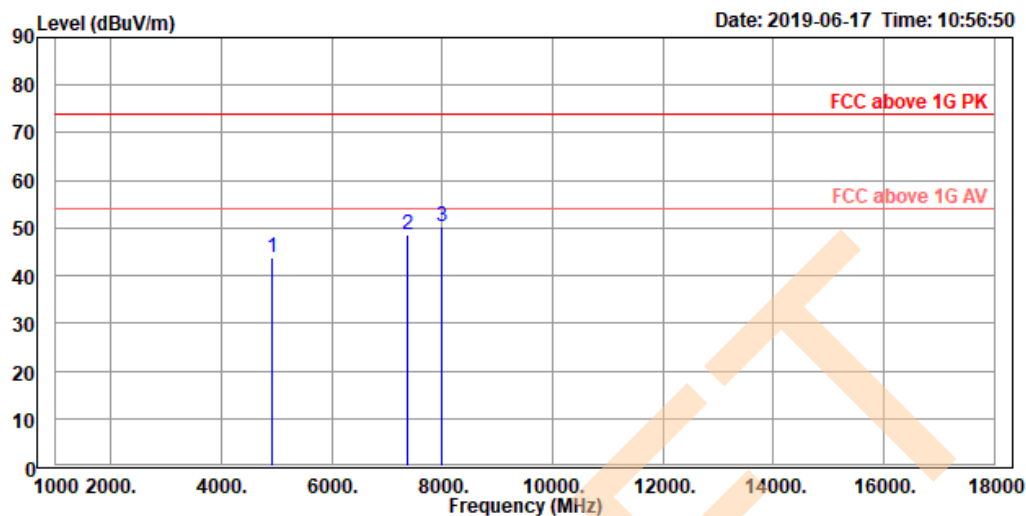
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4874.000	44.61	46.82	-2.21	74.00	-29.39	100	133	Peak	
2	7311.000	48.12	42.39	5.73	74.00	-25.88	100	59	Peak	
3	8038.000	48.20	42.02	6.18	74.00	-25.80	100	36	Peak	



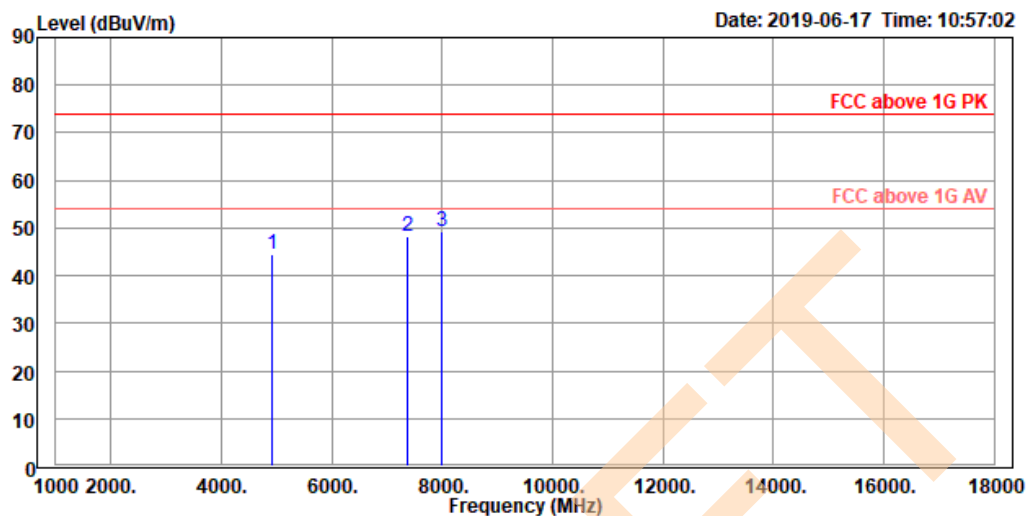
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4874.000	43.60	45.81	-2.21	74.00	-30.40	100	256	Peak	
2	7311.000	48.40	42.67	5.73	74.00	-25.60	100	6	Peak	
3	8565.000	47.29	40.52	6.77	74.00	-26.71	100	279	Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2462  
Memo : Y(直立)

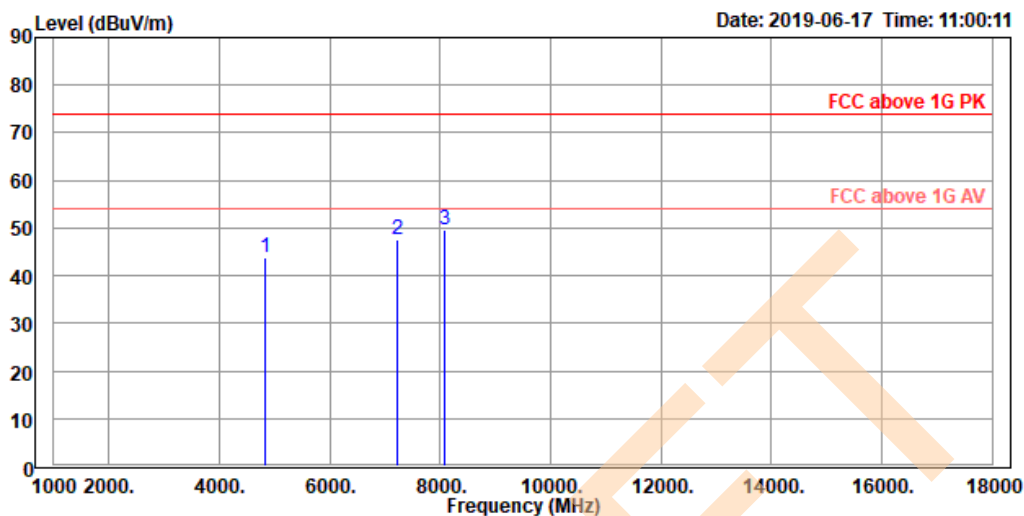
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4924.000	43.65	45.70	-2.05	74.00	-30.35	100		6 Peak	
2	7386.000	48.45	42.50	5.95	74.00	-25.55	100		22 Peak	
3	8004.000	50.38	44.26	6.12	74.00	-23.62	100		129 Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2462  
Memo : Y(直立)

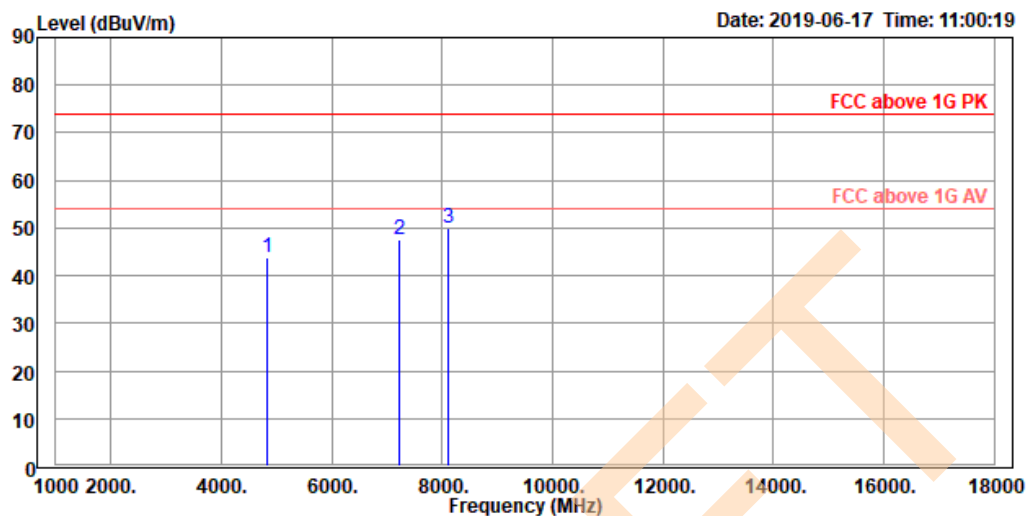
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4924.000	44.55	46.60	-2.05	74.00	-29.45	100	123	Peak	
2	7386.000	48.33	42.38	5.95	74.00	-25.67	100	41	Peak	
3	8004.000	49.42	43.30	6.12	74.00	-24.58	100	276	Peak	





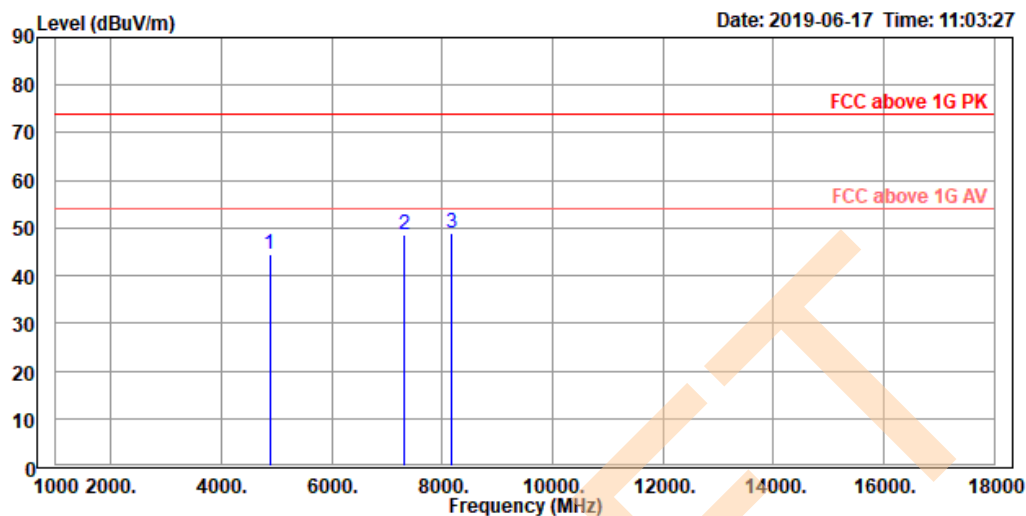
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4824.000	43.90	46.21	-2.31	74.00	-30.10	100	94	Peak	
2	7236.000	47.61	42.06	5.55	74.00	-26.39	100	185	Peak	
3	8072.000	49.45	43.26	6.19	74.00	-24.55	100	59	Peak	



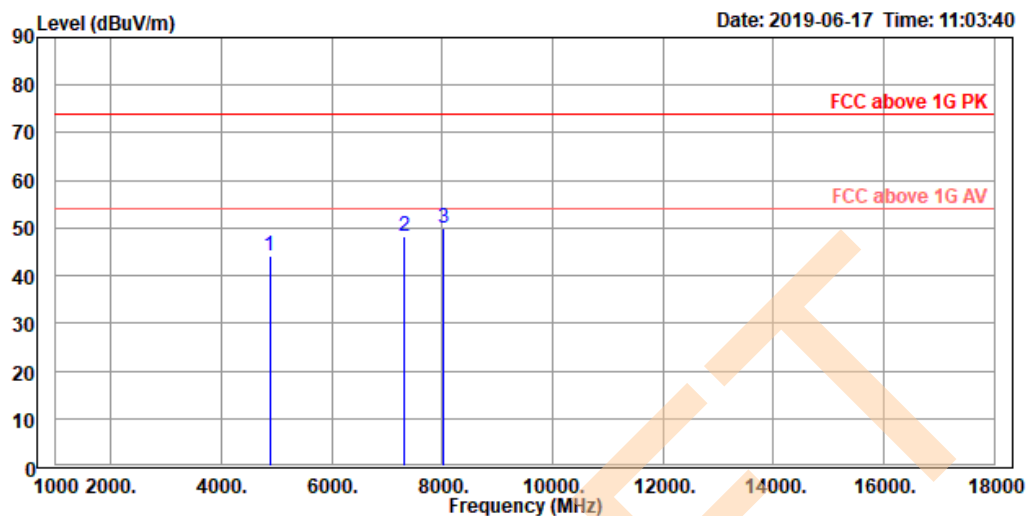
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4824.000	43.82	46.13	-2.31	74.00	-30.18	100	308	Peak	
2	7236.000	47.60	42.05	5.55	74.00	-26.40	100	64	Peak	
3	8123.000	49.89	43.68	6.21	74.00	-24.11	100	230	Peak	



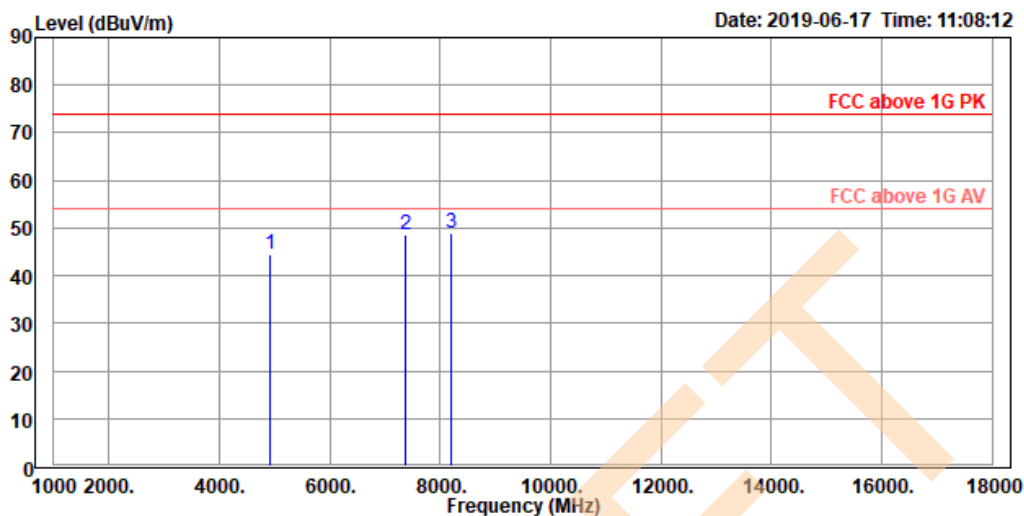
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4874.000	44.38	46.59	-2.21	74.00	-29.62	100	360	Peak	
2	7311.000	48.51	42.78	5.73	74.00	-25.49	100	317	Peak	
3	8174.000	48.89	42.59	6.30	74.00	-25.11	100	74	Peak	



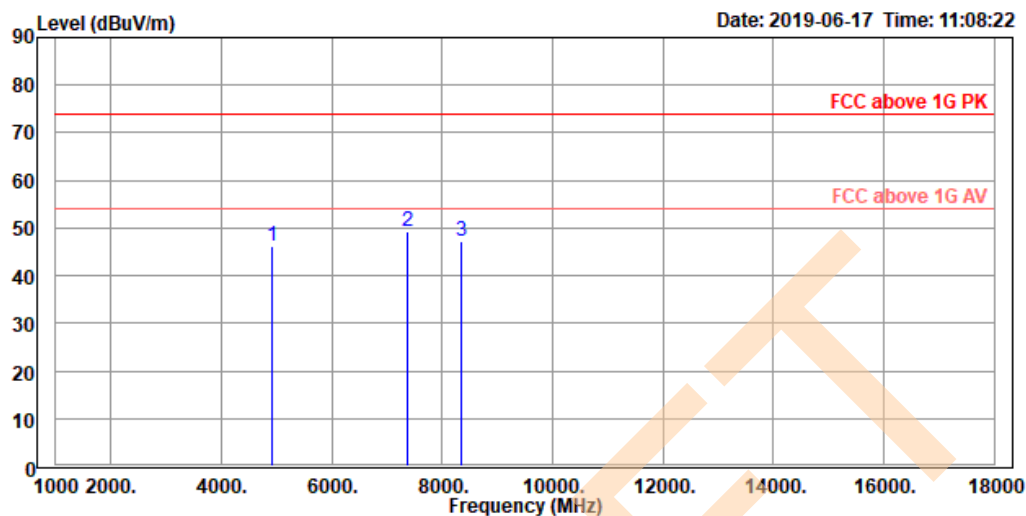
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4874.000	44.18	46.39	-2.21	74.00	-29.82	100	208	Peak	
2	7311.000	48.38	42.65	5.73	74.00	-25.62	100	343	Peak	
3	8021.000	49.85	43.70	6.15	74.00	-24.15	100	1	Peak	



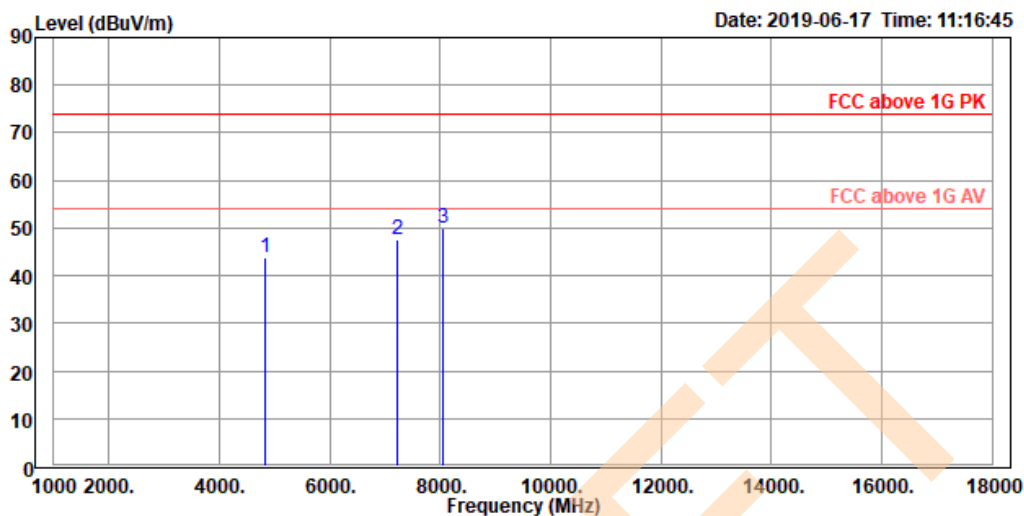
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4924.000	44.37	46.42	-2.05	74.00	-29.63	100	81	Peak	
2	7386.000	48.47	42.52	5.95	74.00	-25.53	100	84	Peak	
3	8191.000	49.07	42.75	6.32	74.00	-24.93	100	144	Peak	



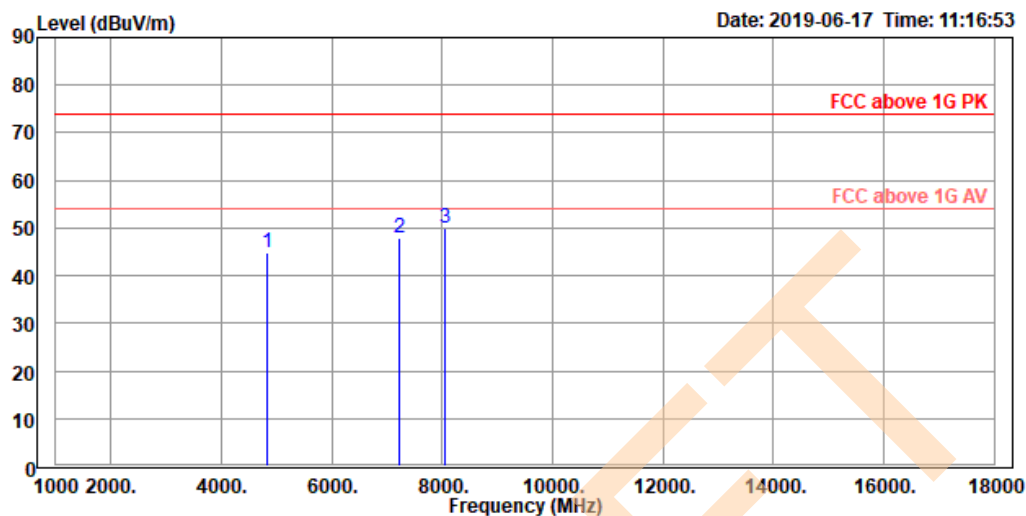
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4924.000	46.04	48.09	-2.05	74.00	-27.96	100	220	Peak	
2	7386.000	49.28	43.33	5.95	74.00	-24.72	100	2	Peak	
3	8361.000	47.38	40.89	6.49	74.00	-26.62	100	327	Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2412  
Memo : Y(直立)

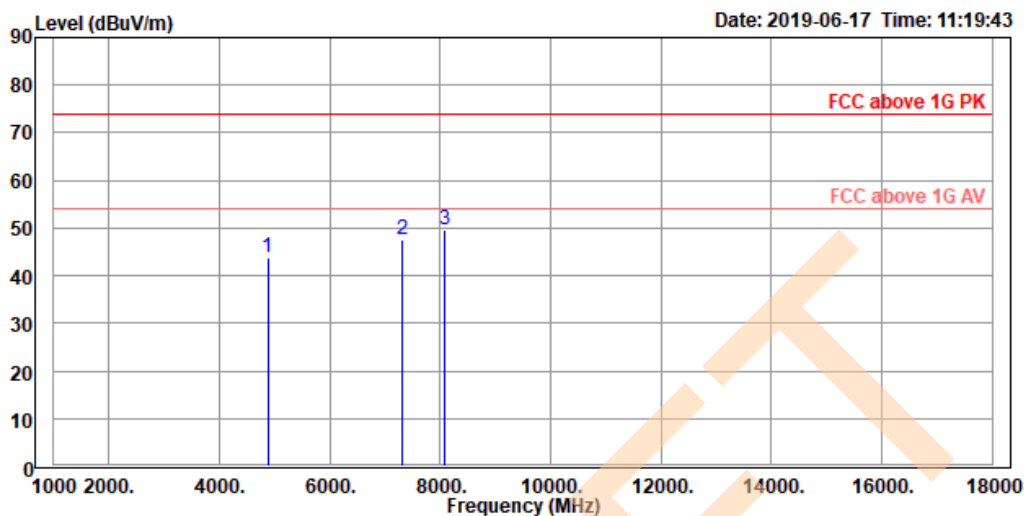
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4824.000	43.82	46.13	-2.31	74.00	-30.18	100	196	Peak	
2	7236.000	47.73	42.18	5.55	74.00	-26.27	100	0	Peak	
3	8055.000	49.97	43.78	6.19	74.00	-24.03	100	182	Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2412  
Memo : Y(直立)

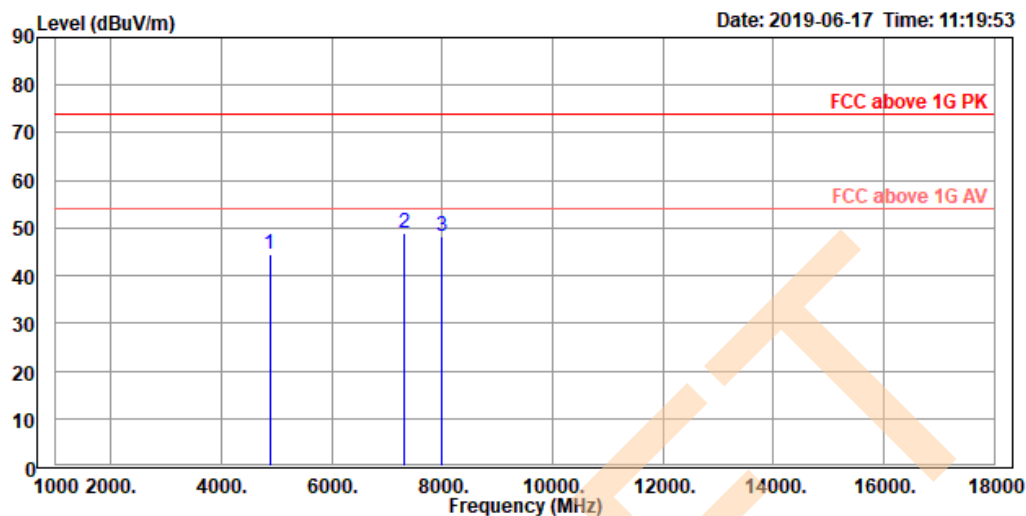
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4824.000	44.80	47.11	-2.31	74.00	-29.20	100	60	Peak	
2	7236.000	48.05	42.50	5.55	74.00	-25.95	100	0	Peak	
3	8055.000	49.98	43.79	6.19	74.00	-24.02	100	298	Peak	





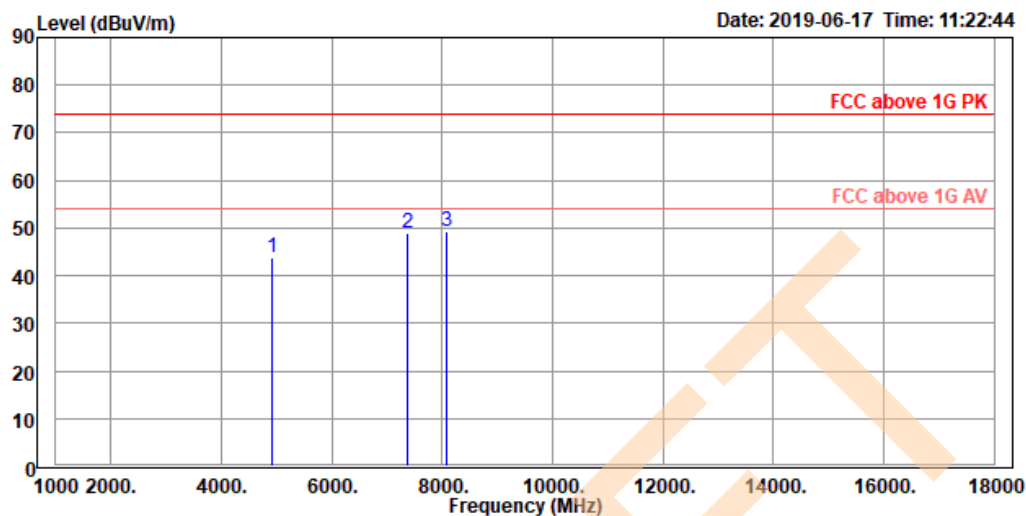
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4874.000	43.88	46.09	-2.21	74.00	-30.12	100		59 Peak	
2	7311.000	47.58	41.85	5.73	74.00	-26.42	100		360 Peak	
3	8072.000	49.70	43.51	6.19	74.00	-24.30	100		159 Peak	



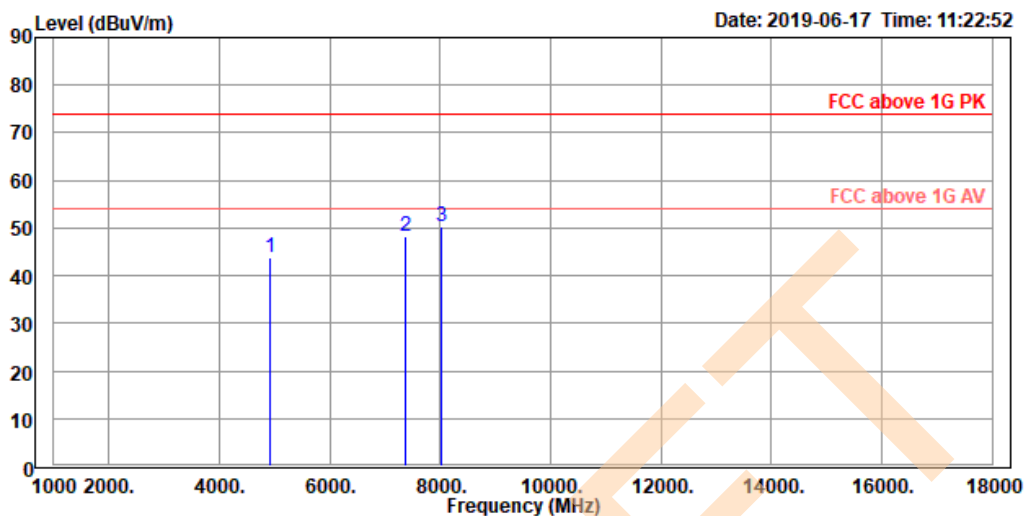
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4874.000	44.53	46.74	-2.21	74.00	-29.47	100	168	Peak	
2	7311.000	49.10	43.37	5.73	74.00	-24.90	100	277	Peak	
3	8004.000	48.37	42.25	6.12	74.00	-25.63	100	270	Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4924.000	43.90	45.95	-2.05	74.00	-30.10	100		0 Peak	
2	7386.000	48.89	42.94	5.95	74.00	-25.11	100		230 Peak	
3	8072.000	49.42	43.23	6.19	74.00	-24.58	100		269 Peak	



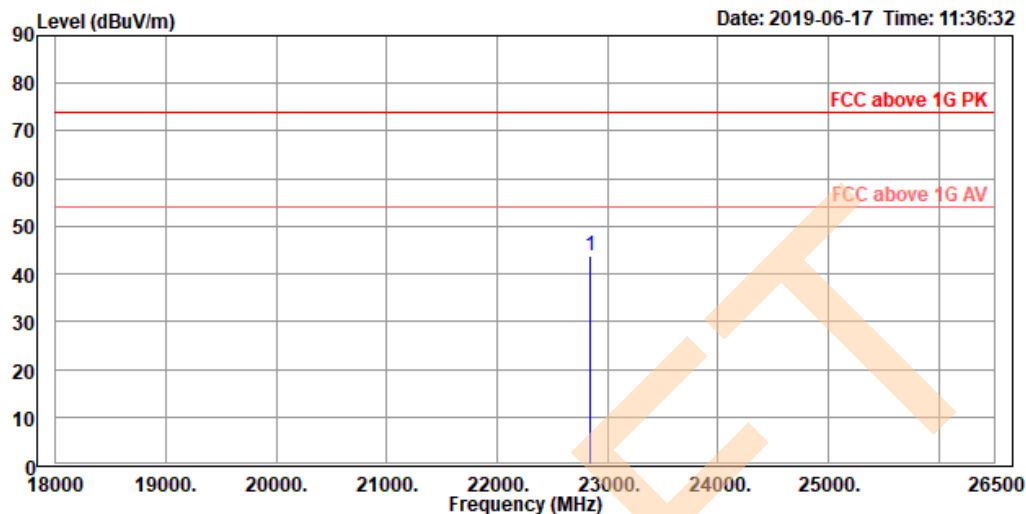
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4924.000	43.92	45.97	-2.05	74.00	-30.08	100	42	Peak	
2	7386.000	48.18	42.23	5.95	74.00	-25.82	100	112	Peak	
3	8021.000	50.23	44.08	6.15	74.00	-23.77	100	338	Peak	

# Spurious Emissions, TX Mode, 18-26G

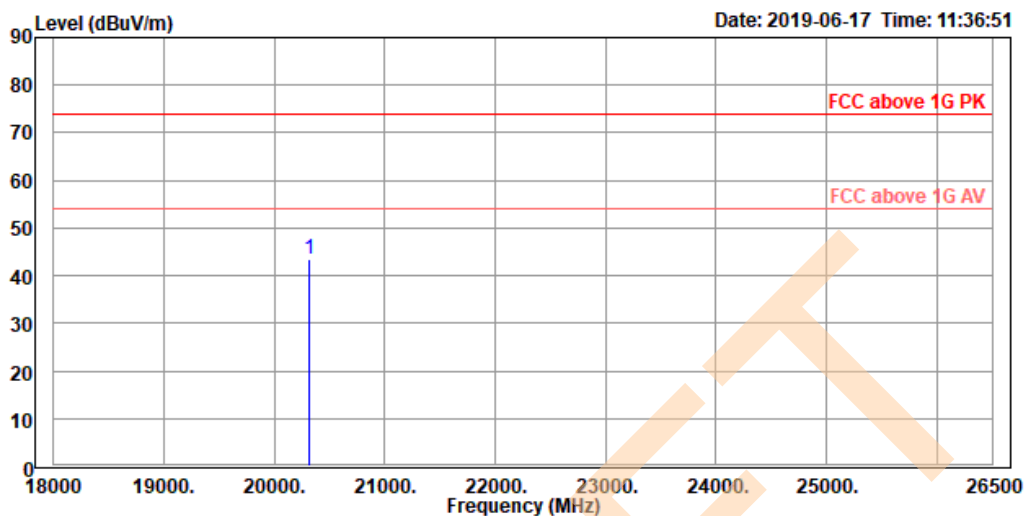


TUV Rheinland Taiwan Ltd.  
11F., No. 758, Sec. 4 Bade Road. Songshan Dist, Taipei City 105  
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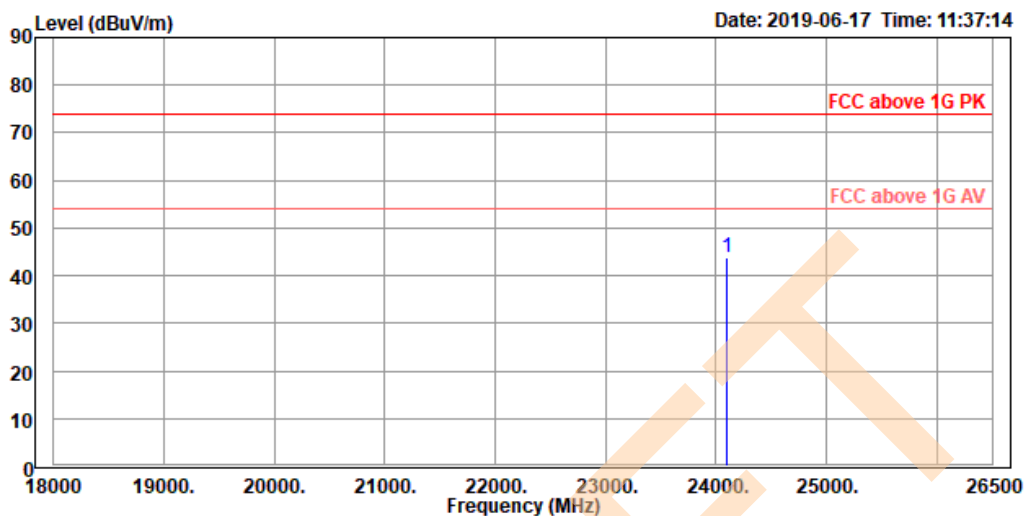
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	22845.000	43.76	43.20	0.56	74.00	-30.24	100	110	Peak	



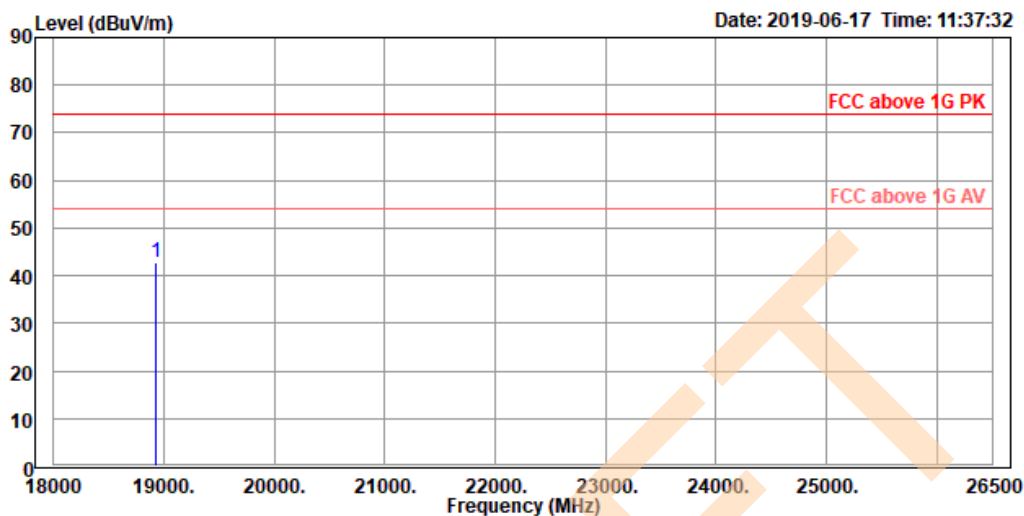
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20320.500	43.42	44.23	-0.81	74.00	-30.58	100	12	Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2437  
Memo : Y(直立)

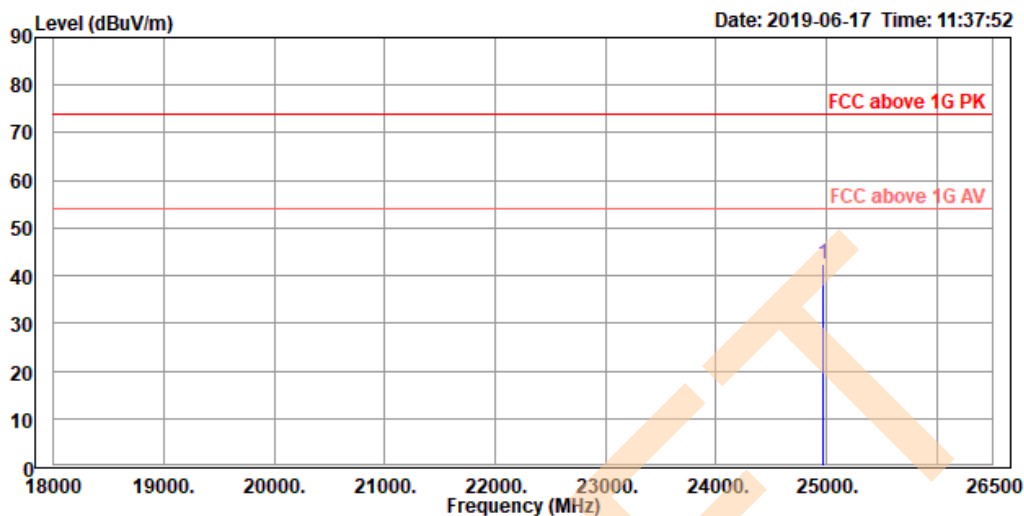
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	24103.000	43.89	42.29	1.60	74.00	-30.11	100	321	Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2437  
Memo : Y(直立)

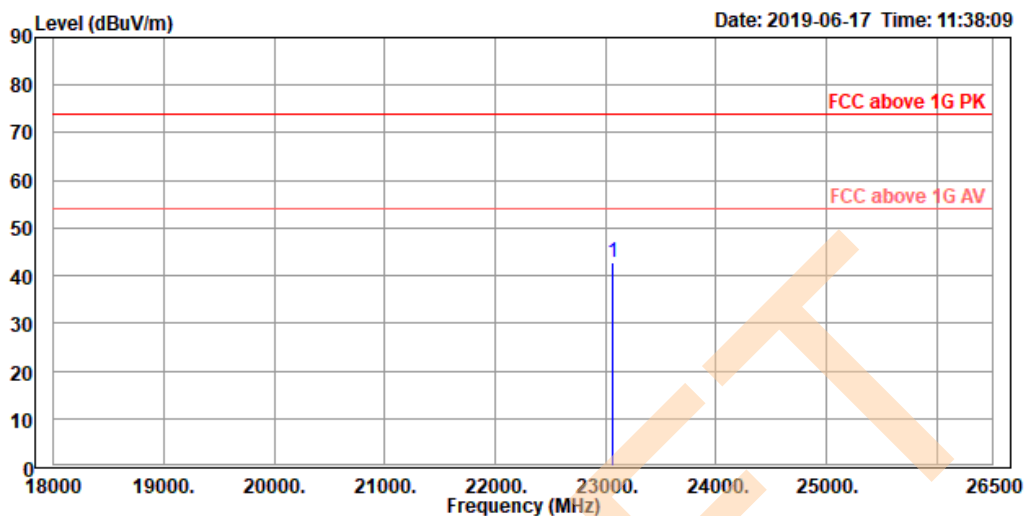
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	18926.500	42.78	45.55	-2.77	74.00	-31.22	100		3 Peak	





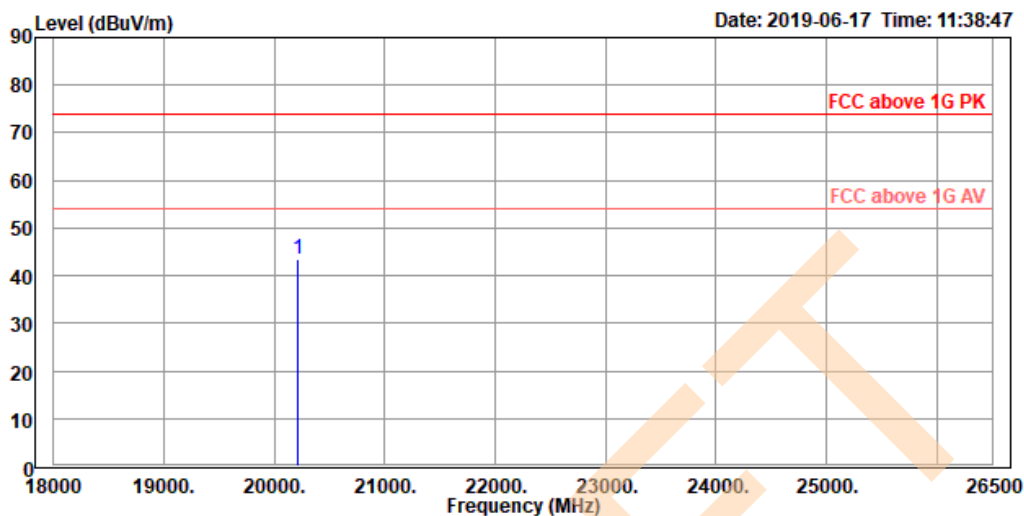
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	24970.000	42.39	40.50	1.89	74.00	-31.61	100	56	Peak	



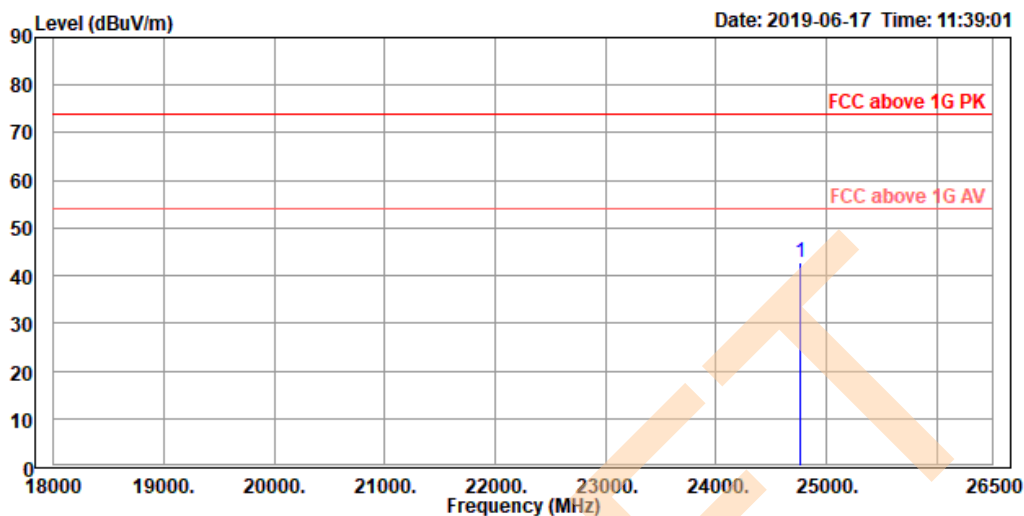
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	23066.000	42.64	41.67	0.97	74.00	-31.36	100	210	Peak	



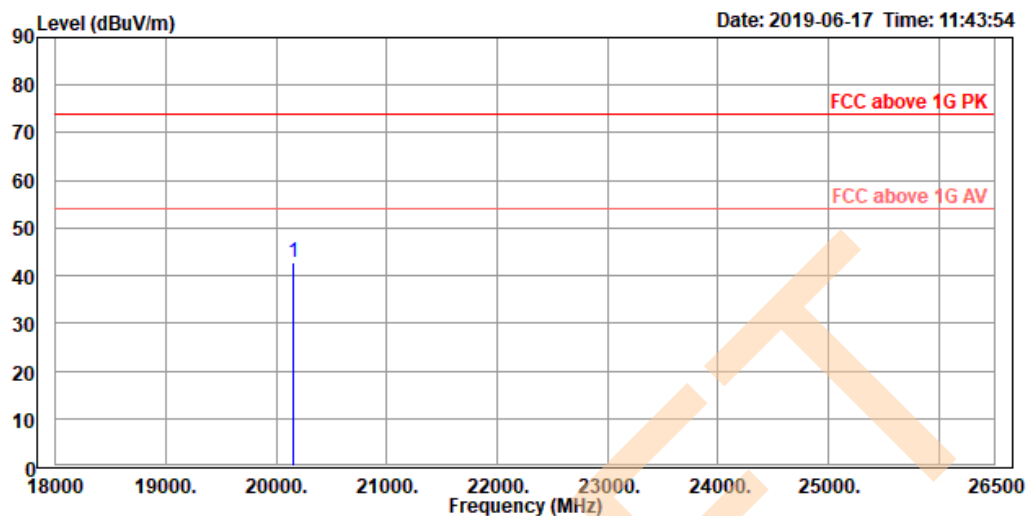
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20210.000	43.48	44.39	-0.91	74.00	-30.52	100	150	Peak	



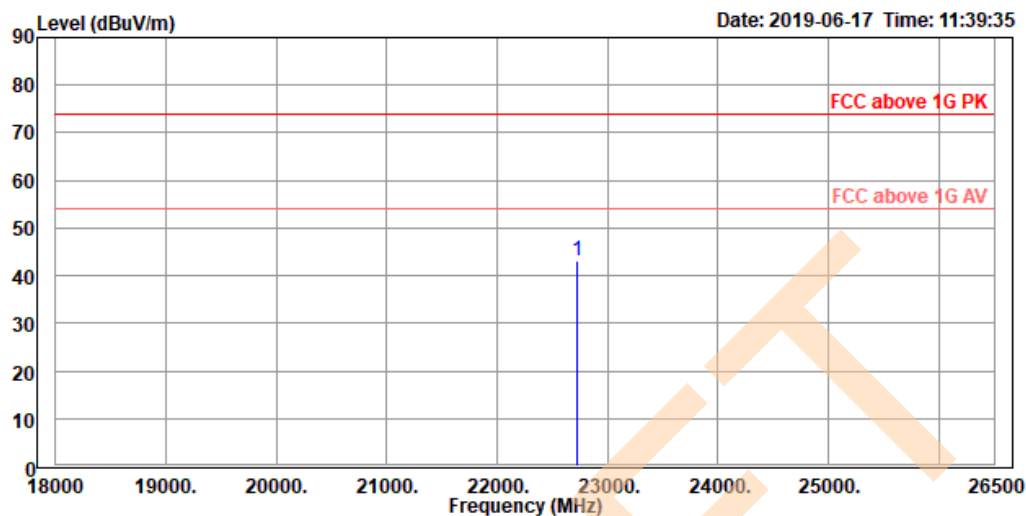
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	24766.000	42.92	41.32	1.60	74.00	-31.08	100	111	Peak	



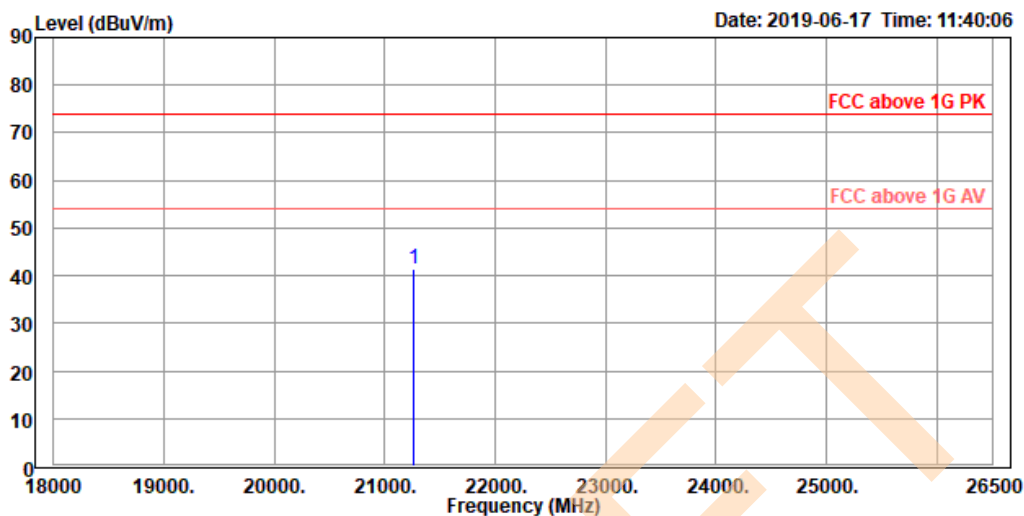
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20150.500	42.65	43.76	-1.11	74.00	-31.35	100	139	Peak	



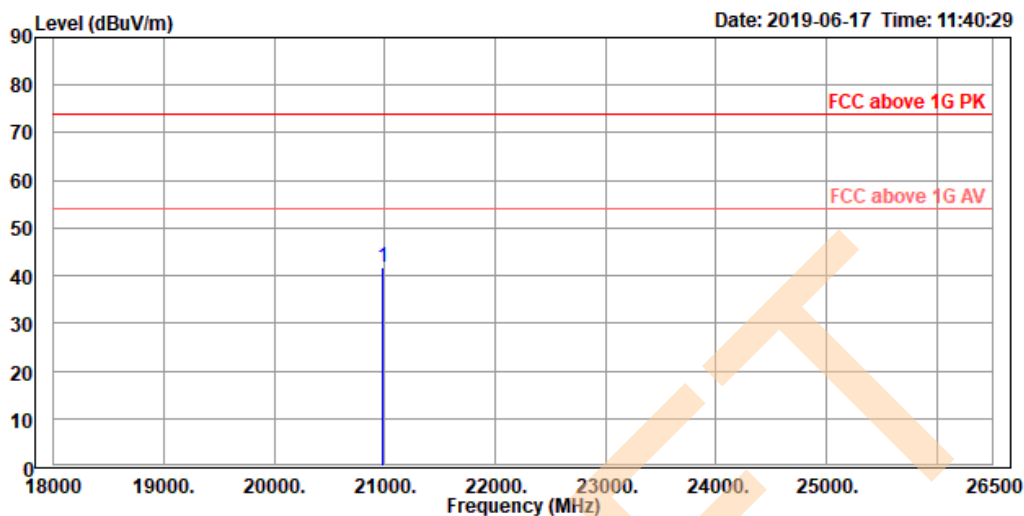
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	22726.000	42.97	42.69	0.28	74.00	-31.03	100		3 Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2462  
Memo : Y(直立)

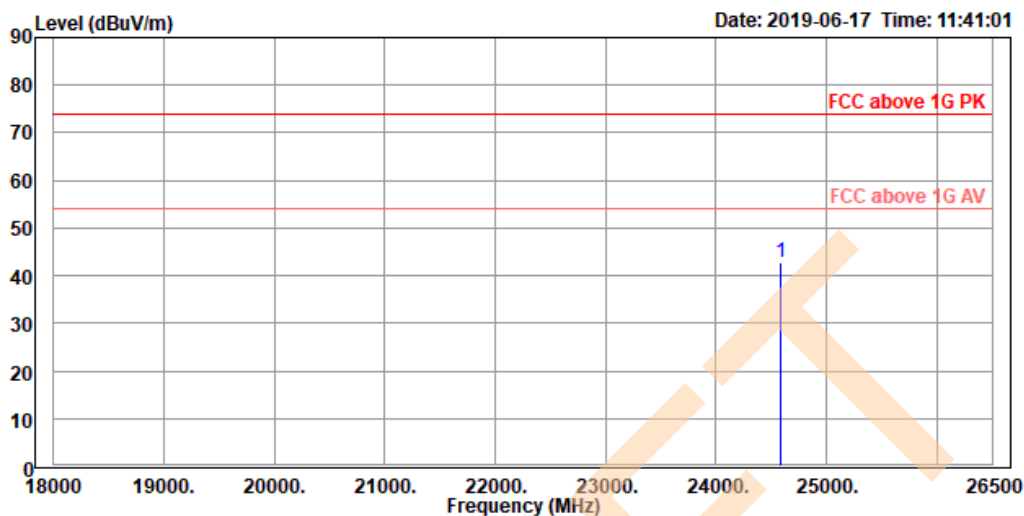
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21255.500	41.56	41.76	-0.20	74.00	-32.44	100	180	Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11g OFDM 6M TX 2462  
Memo : Y(直立)

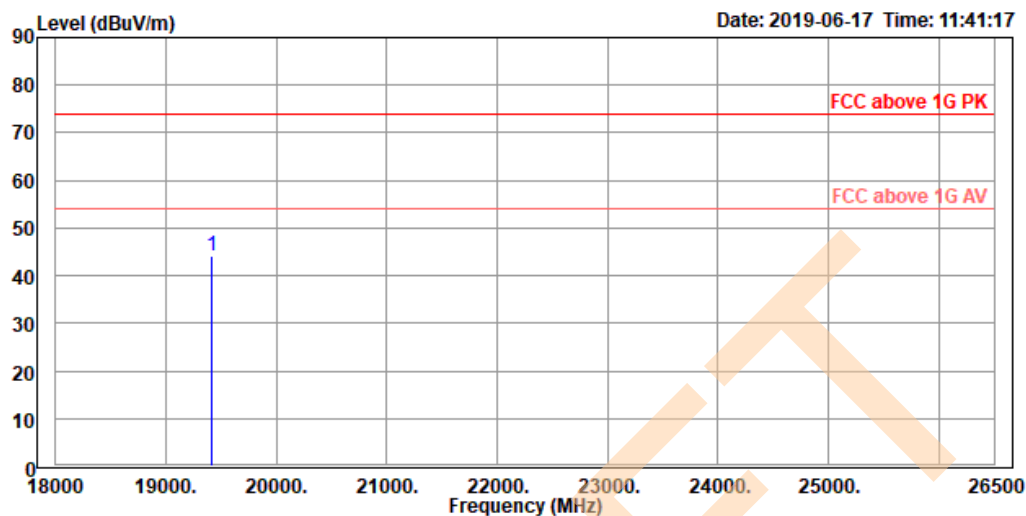
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20975.000	41.73	42.44	-0.71	74.00	-32.27	100	98	Peak	





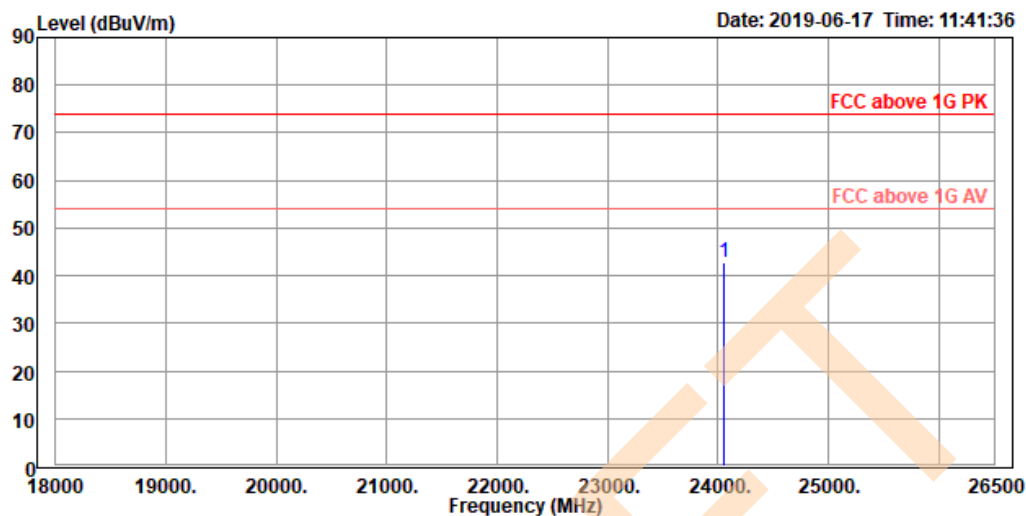
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	24587.500	42.70	41.15	1.55	74.00	-31.30	100	111	Peak	



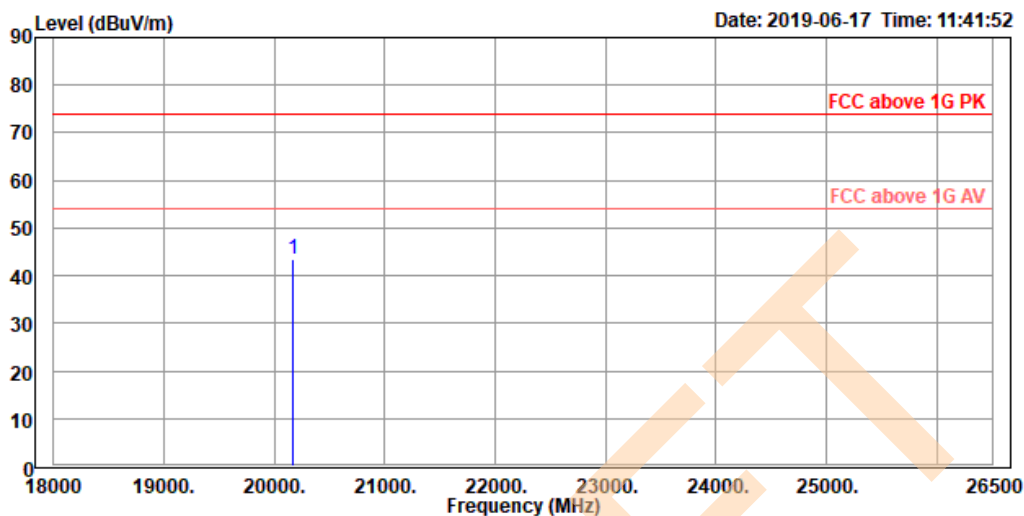
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2412  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	19411.000	44.00	46.38	-2.38	74.00	-30.00	100		66 Peak	



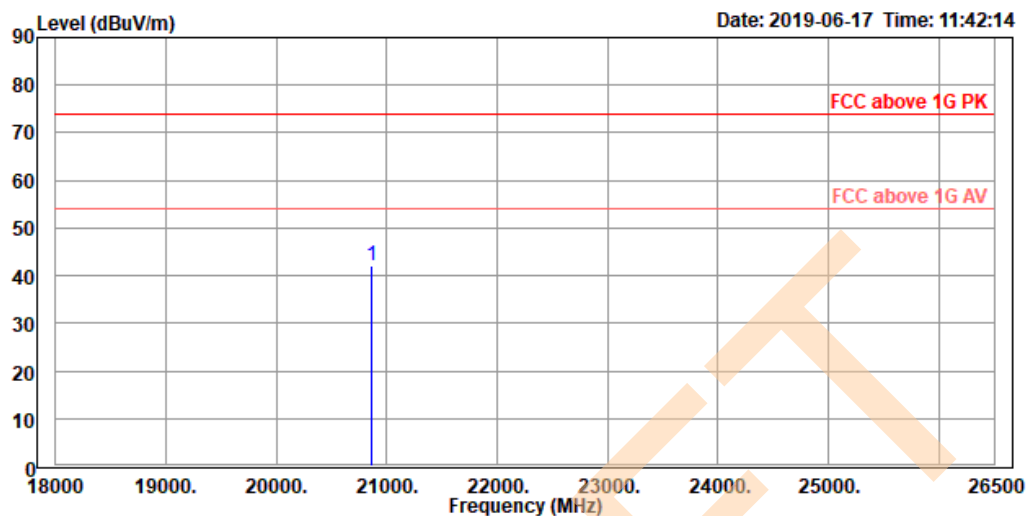
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	24052.000	42.67	41.05	1.62	74.00	-31.33	100	298	Peak	



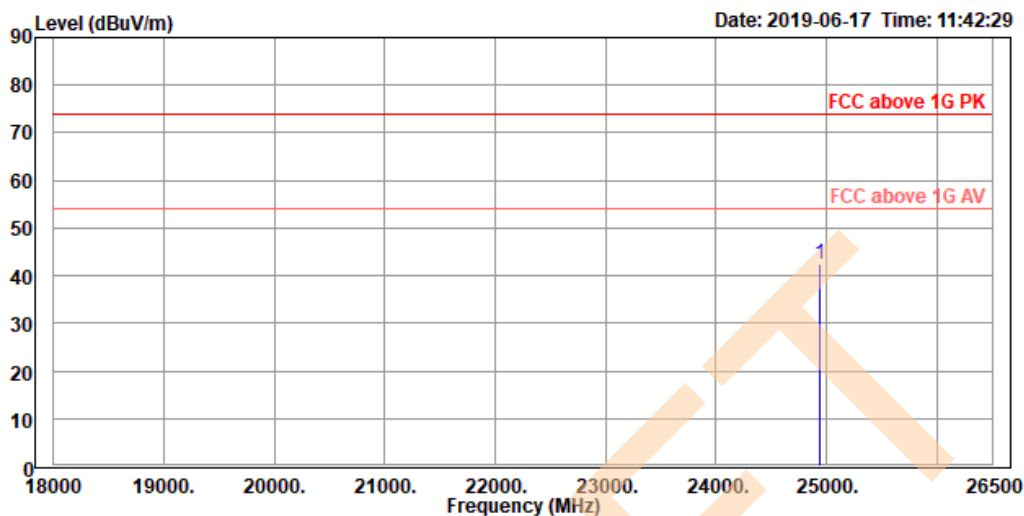
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20167.500	43.39	44.45	-1.06	74.00	-30.61	100	238	Peak	



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20856.000	41.95	42.66	-0.71	74.00	-32.05	100	10	Peak	



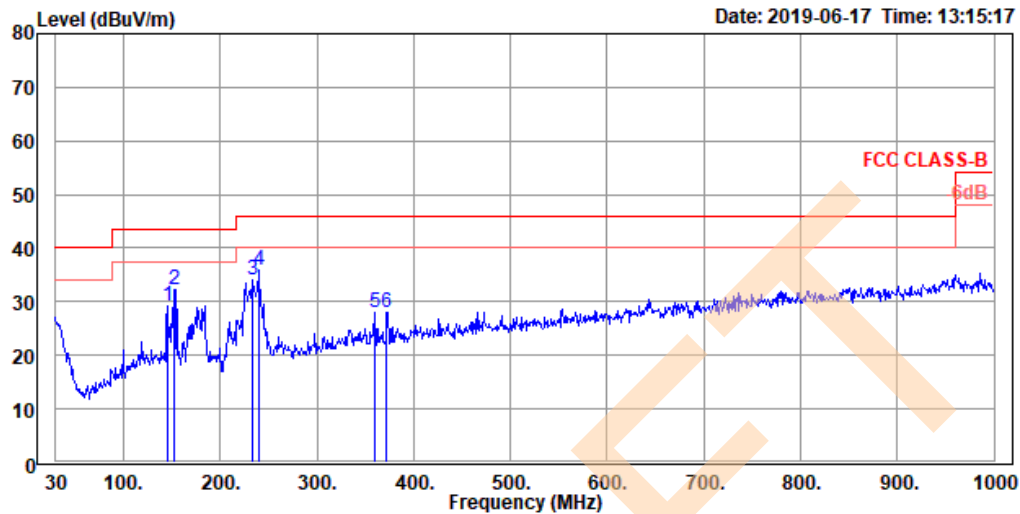
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11n20 MCS0 TX 2462  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	24936.000	42.49	40.65	1.84	74.00	-31.51	100		66 Peak	

# Spurious Emissions, TX Mode, 30M-1G

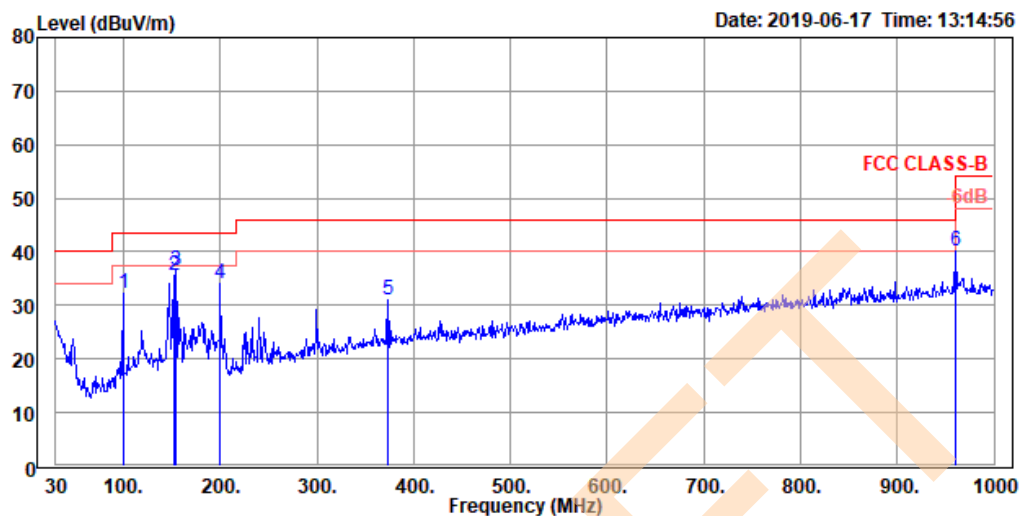


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Site : 966A Chamber A  
Condition : FCC CLASS-B 3m horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	145.430	29.33	36.43	-7.10	43.50	-14.17	100	101	QP	
2	152.220	32.12	39.55	-7.43	43.50	-11.38	100	55	QP	
3	232.730	34.05	41.40	-7.35	46.00	-11.95	100	360	QP	
4	239.520	35.80	42.58	-6.78	46.00	-10.20	100	360	QP	
5	359.800	28.04	31.22	-3.18	46.00	-17.96	100	92	QP	
6	372.410	28.12	31.16	-3.04	46.00	-17.88	100	88	QP	



Site : 966A Chamber A  
Condition : FCC CLASS-B 3m vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2437  
Memo : Y(直立)

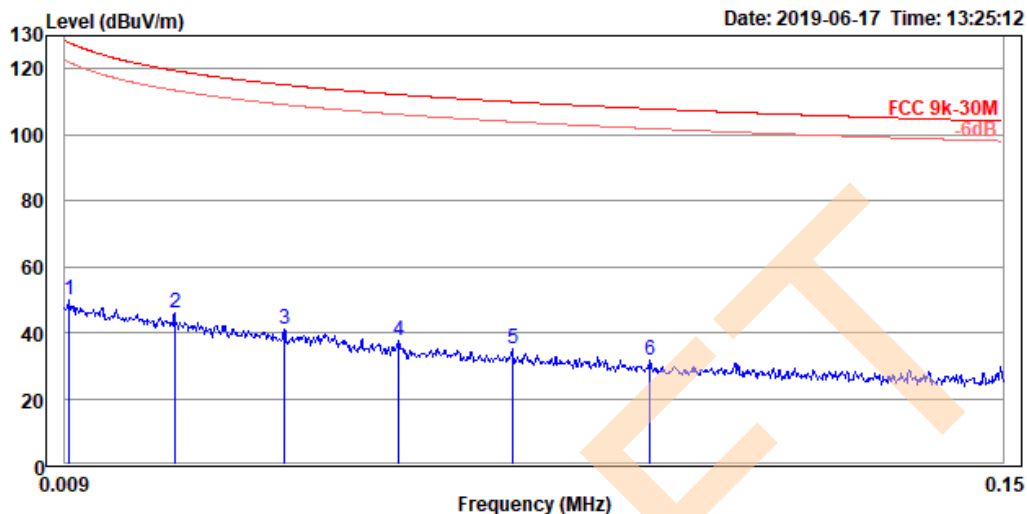
	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	Level	Factor	Line	Limit	cm	deg	
			dBuV	dB/m	dBuV/m	dB			
1	99.840	32.24	41.78	-9.54	43.50	-11.26	100	0 QP	
2	152.220	35.65	43.08	-7.43	43.50	-7.85	100	159 QP	
3	154.160	36.55	44.14	-7.59	43.50	-6.95	100	110 QP	
4	199.750	34.19	43.05	-8.86	43.50	-9.31	100	0 QP	
5	373.380	31.02	34.07	-3.05	46.00	-14.98	100	169 QP	
6	960.230	40.01	34.07	5.94	54.00	-13.99	100	202 QP	



# Spurious Emissions, TX Mode, 9k-30M

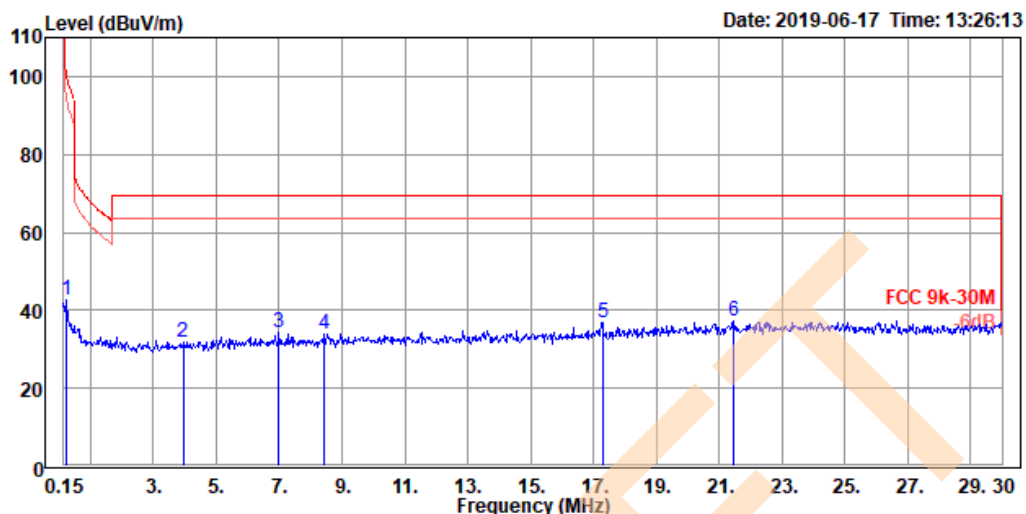


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11F., No. 758, Sec. 4 Bade Road. Songshan Dist, Taipei City 105  
Tel:+886-2172-7000 Fax:+886-2528-0018



Site : 966A Chamber A  
Condition : FCC 9k-30M 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.010	49.83	31.40	18.43	127.97	-78.14	100	13	QP	
2	0.025	45.76	26.62	19.14	119.46	-73.70	100	135	QP	
3	0.042	40.82	21.74	19.08	115.13	-74.31	100	312	QP	
4	0.059	37.52	18.71	18.81	112.15	-74.63	100	355	QP	
5	0.076	34.86	16.26	18.60	109.95	-75.09	100	215	QP	
6	0.097	31.49	13.12	18.37	107.86	-76.37	100	183	QP	



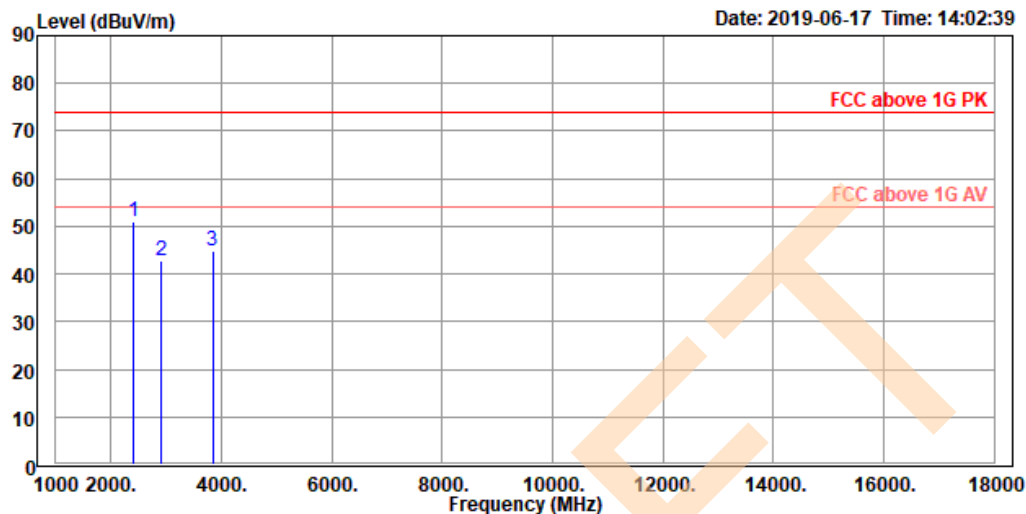
Site : 966A Chamber A  
Condition : FCC 9k-30M 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.240	42.75	24.34	18.41	100.01	-57.26	100	1	QP	
2	3.941	31.71	12.74	18.97	69.50	-37.79	100	190	QP	
3	6.986	34.10	14.24	19.86	69.50	-35.40	100	236	QP	
4	8.418	34.08	13.94	20.14	69.50	-35.42	100	310	QP	
5	17.284	37.00	15.71	21.29	69.50	-32.50	100	212	QP	
6	21.463	37.17	15.52	21.65	69.50	-32.33	100	66	QP	

# Spurious Emissions, RX Mode, 1-18G

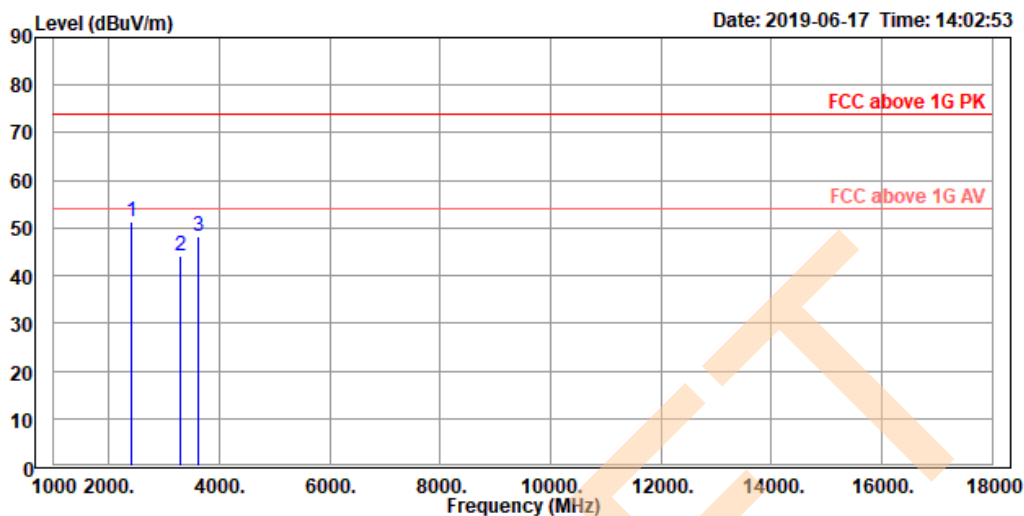


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Site : 966A Chamber A  
Condition : FCC above 1G PK 3m horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M RX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2411.000	50.91	59.04	-8.13	74.00	-23.09	100	238	Peak	
2	2904.000	42.71	50.39	-7.68	74.00	-31.29	100	350	Peak	
3	3839.000	44.95	50.65	-5.70	74.00	-29.05	100	360	Peak	



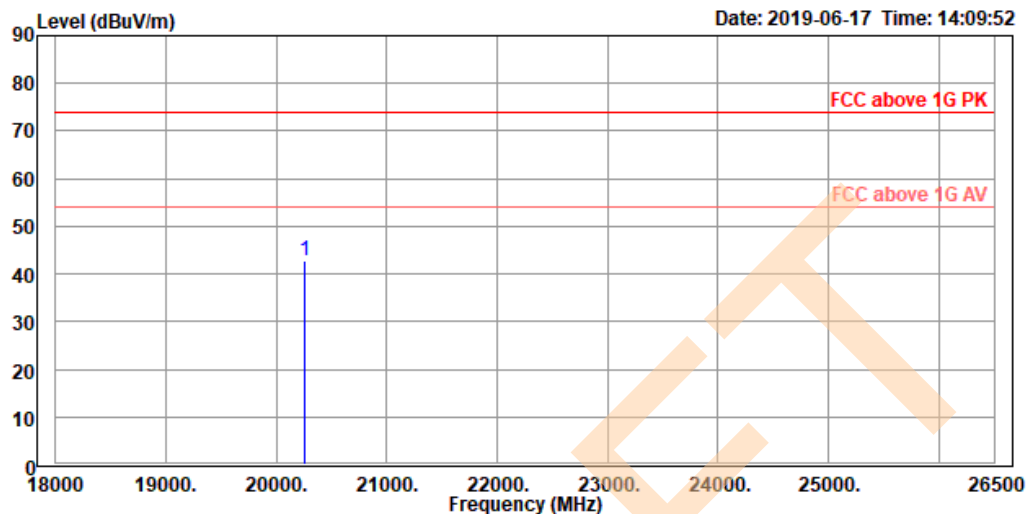
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M RX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2411.000	51.49	59.62	-8.13	74.00	-22.51	100	217	Peak	
2	3278.000	44.29	51.06	-6.77	74.00	-29.71	100	133	Peak	
3	3618.000	48.24	54.56	-6.32	74.00	-25.76	100	257	Peak	

# Spurious Emissions, RX Mode, 18-26G

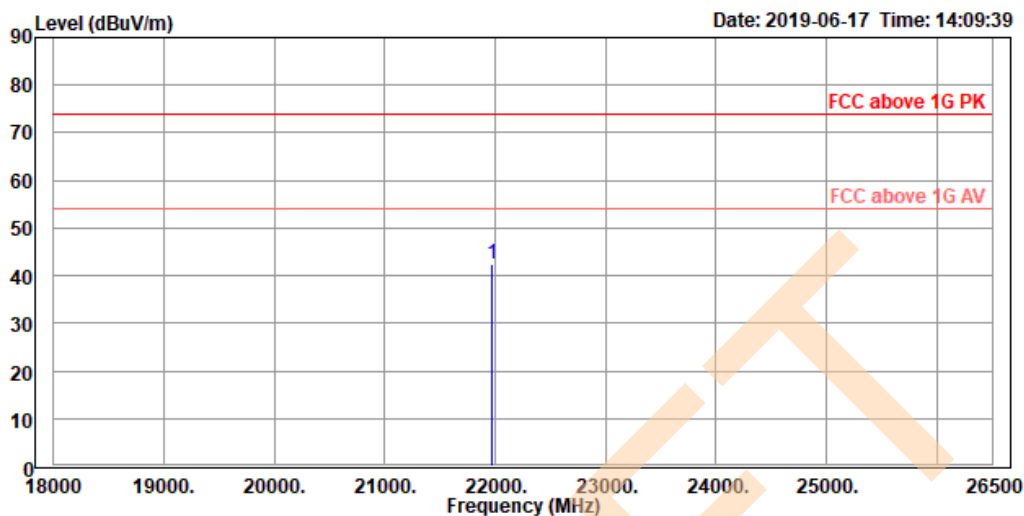


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Tel: +886-2172-7000 Fax: +886-2528-0018



Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M RX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20261.000	42.86	43.64	-0.78	74.00	-31.14	100	274	Peak	



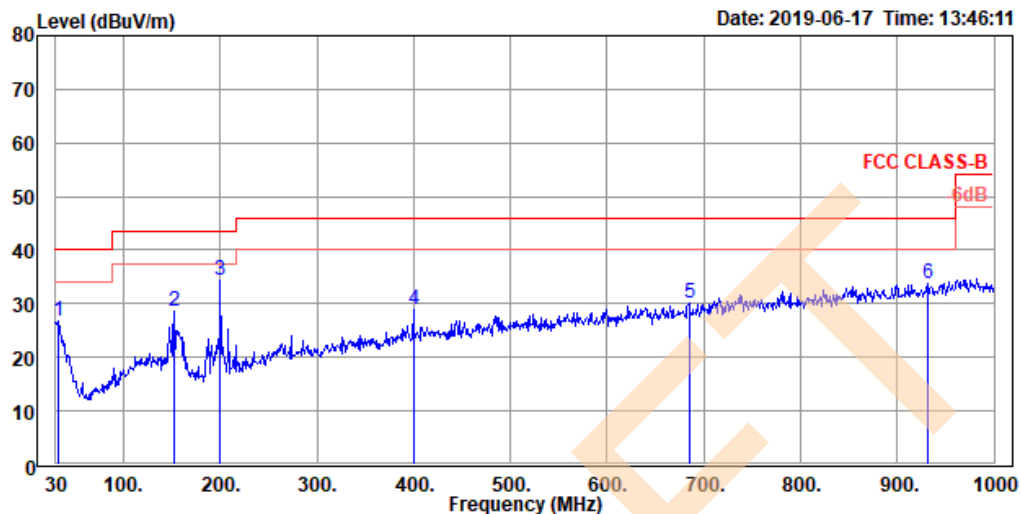
Site : 966A Chamber A  
Condition : FCC above 1G PK 3m Vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M RX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21969.500	42.37	42.71	-0.34	74.00	-31.63	100	111	Peak	

# Spurious Emissions, RX Mode, 30M-1G

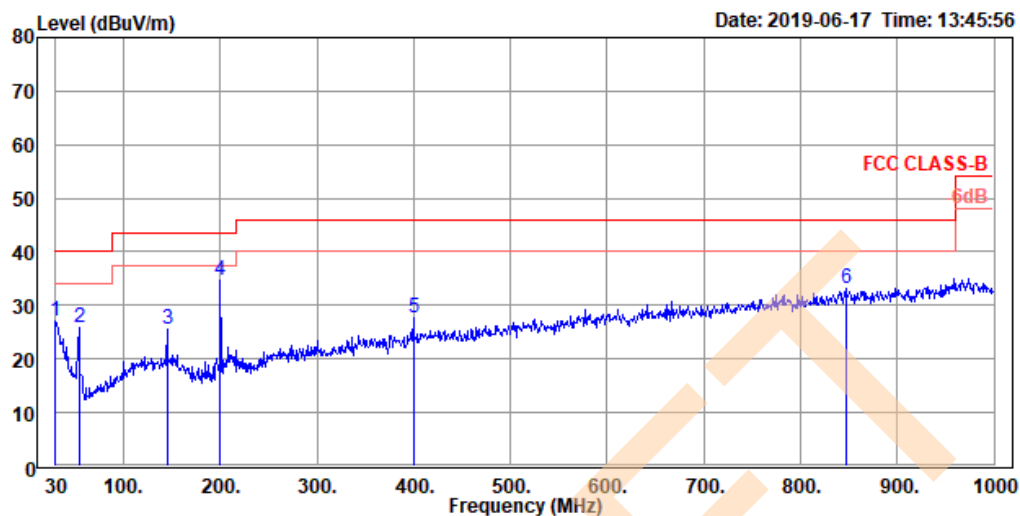


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Site : 966A Chamber A  
Condition : FCC CLASS-B 3m horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M RX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	31.940	26.76	27.84	-1.08	40.00	-13.24	100	298	QP	
2	152.220	28.55	35.98	-7.43	43.50	-14.95	100	94	QP	
3	199.750	34.40	43.26	-8.86	43.50	-9.10	100	259	QP	
4	399.570	29.01	31.34	-2.33	46.00	-16.99	100	4	QP	
5	684.750	30.19	28.95	1.24	46.00	-15.81	100	68	QP	
6	931.130	33.81	28.66	5.15	46.00	-12.19	100	346	QP	



Site : 966A Chamber A  
Condition : FCC CLASS-B 3m vertical  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M RX 2437  
Memo : Y(直立)

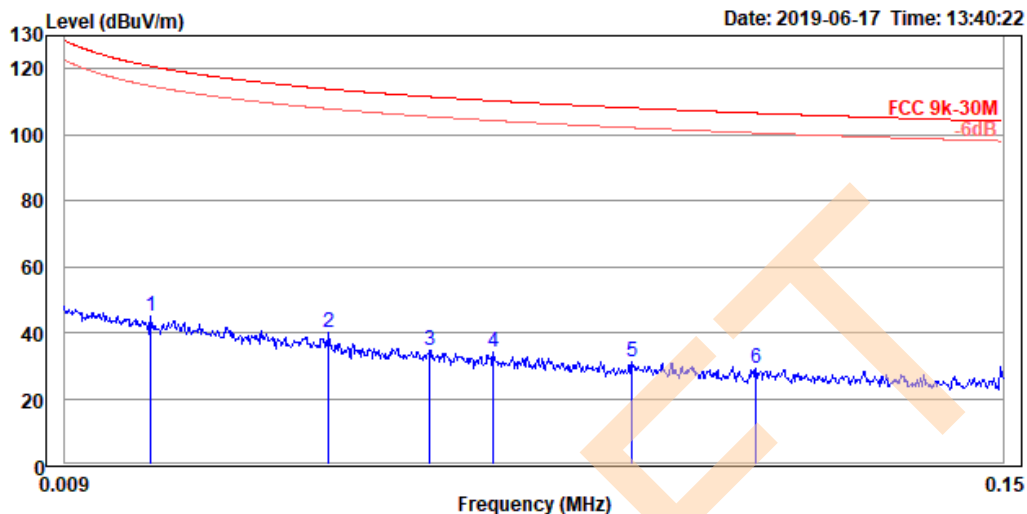
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	30.000	27.09	27.12	-0.03	40.00	-12.91	100	213	QP	
2	54.250	25.90	38.69	-12.79	40.00	-14.10	100	352	QP	
3	145.430	25.43	32.53	-7.10	43.50	-18.07	100	136	QP	
4	199.750	34.72	43.58	-8.86	43.50	-8.78	100	301	QP	
5	399.570	27.59	29.92	-2.33	46.00	-18.41	100	175	QP	
6	846.740	33.07	29.22	3.85	46.00	-12.93	100	208	QP	



# Spurious Emissions, RX Mode, 9K-30M

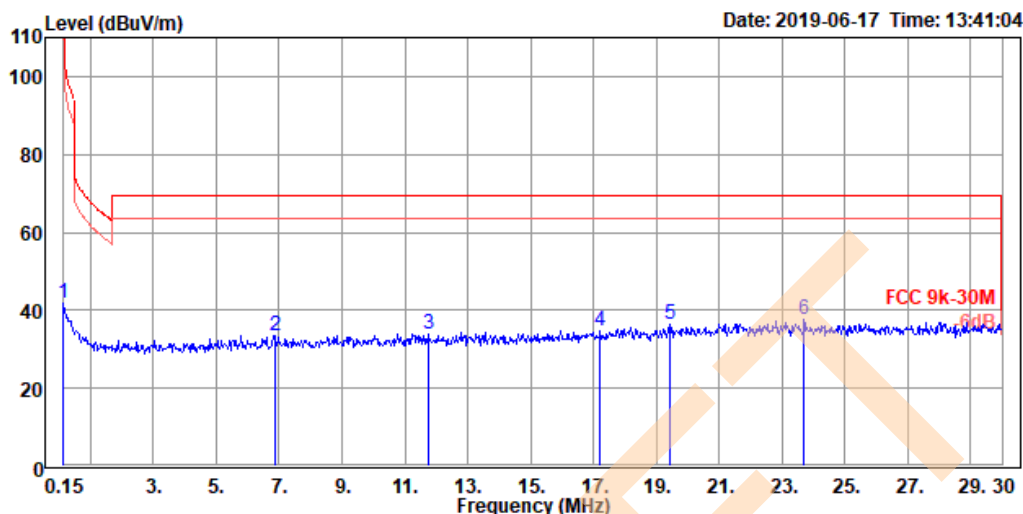


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Site : 966A Chamber A  
Condition : FCC 9k-30M 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M RX 2437  
Memo : Y(直立)

	Freq	Level	Read Level	Factor	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.022	44.96	25.97	18.99	120.81	-75.85	100	35	QP	
2	0.049	39.80	20.85	18.95	113.86	-74.06	100	111	QP	
3	0.064	34.50	15.75	18.75	111.49	-76.99	100	189	QP	
4	0.073	34.21	15.57	18.64	110.28	-76.07	100	239	QP	
5	0.094	30.99	12.60	18.39	108.11	-77.12	100	240	QP	
6	0.113	29.32	10.98	18.34	106.55	-77.23	100	284	QP	



Site : 966A Chamber A  
Condition : FCC 9k-30M 3m Horizontal  
Test Engineer: Curry Chen  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : DC 12V  
Tmp/Hum : 23°C / 61%  
Power Setting: 20  
Mode : 802.11b CCK 1M RX 2437  
Memo : Y(直立)

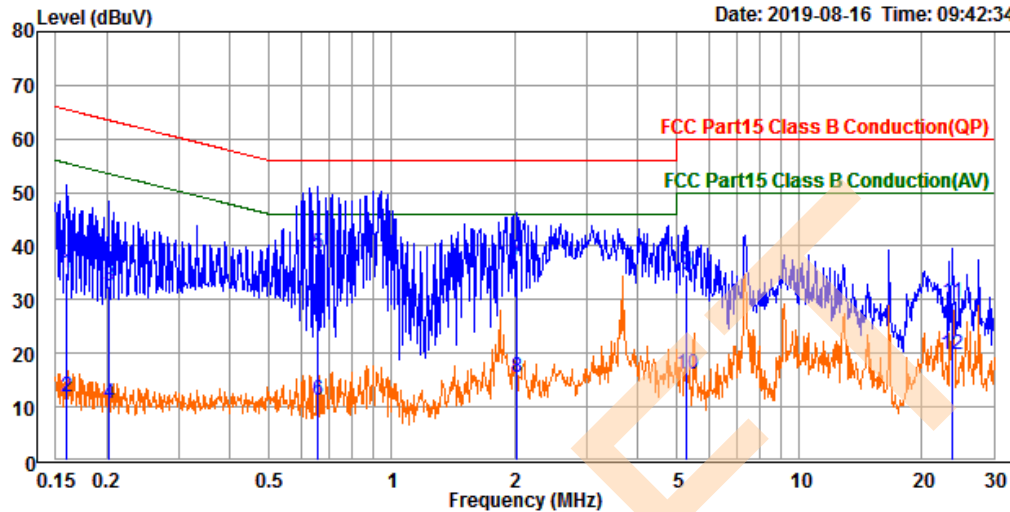
	Freq	Level	Read	Limit	Over	APos	TPos	Remark	Note
	MHz	dBuV/m	Level	Factor	Line	Limit	cm	deg	
			dBuV	dB/m	dBuV/m	dB			
1	0.150	41.67	23.32	18.35	104.08	-62.41	100	1 QP	
2	6.866	33.54	13.70	19.84	69.50	-35.96	100	355 QP	
3	11.732	33.85	13.21	20.64	69.50	-35.65	100	235 QP	
4	17.224	34.88	13.60	21.28	69.50	-34.62	100	188 QP	
5	19.433	36.57	15.03	21.54	69.50	-32.93	100	66 QP	
6	23.702	37.72	15.98	21.74	69.50	-31.78	100	5 QP	



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Date: 2019-08-16 Time: 09:42:34



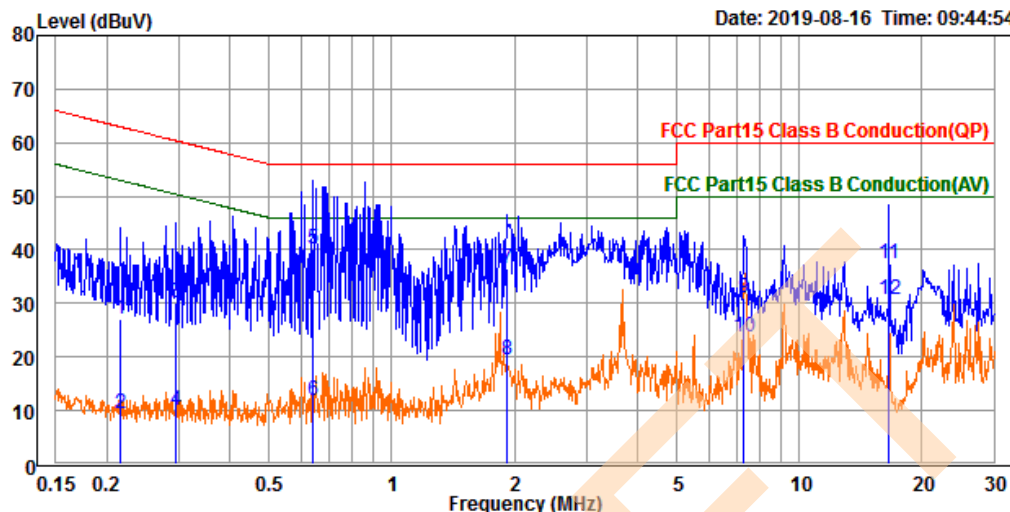
Trace: 1

Site : Conduction room  
Condition : FCC Part15 Class B Conduction(QP) line1  
Test Engineer: Amy Hsu  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : 120Vac/60Hz  
Tmp/Hum : 25.7°C / 38%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2412  
Memo : Y(直立)

	Freq	Read	Level	Limit	Over	
	MHz	Level	Factor	Line	Limit	Remark
		dBuV	dB	dBuV	dB	
1	0.159	25.27	9.61	34.88	65.50	-30.62 QP
2	0.159	2.37	9.61	11.98	55.50	-43.52 Average
3	0.203	22.91	9.61	32.52	63.47	-30.95 QP
4	0.203	1.01	9.61	10.62	53.47	-42.85 Average
5	0.659	29.04	9.62	38.66	56.00	-17.34 QP
6	0.659	1.77	9.62	11.39	46.00	-34.61 Average
7	2.023	27.84	9.64	37.48	56.00	-18.52 QP
8	2.023	5.81	9.64	15.45	46.00	-30.55 Average
9	5.268	25.07	9.69	34.76	60.00	-25.24 QP
10	5.268	6.35	9.69	16.04	50.00	-33.96 Average
11	23.617	19.83	9.77	29.60	60.00	-30.40 QP
12	23.617	10.10	9.77	19.87	50.00	-30.13 Average

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Date: 2019-08-16 Time: 09:44:54



Trace: 1

Site : Conduction room  
Condition : FCC Part15 Class B Conduction(QP) neutral  
Test Engineer: Amy Hsu  
Product : WICED module  
Model No. : CPWMU01  
Test Rating : 120Vac/60Hz  
Tmp/Hum : 25.7°C / 38%  
Power Setting: 20  
Mode : 802.11b CCK 1M TX 2412  
Memo : Y(直立)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.216	17.58	9.62	27.20	62.98	-35.78	QP
2	0.216	-0.20	9.62	9.42	52.98	-43.56	Average
3	0.295	20.44	9.62	30.06	60.37	-30.31	QP
4	0.295	0.28	9.62	9.90	50.37	-40.47	Average
5	0.643	30.51	9.63	40.14	56.00	-15.86	QP
6	0.643	2.28	9.63	11.91	46.00	-34.09	Average
7	1.915	26.93	9.65	36.58	56.00	-19.42	QP
8	1.915	9.73	9.65	19.38	46.00	-26.62	Average
9	7.320	21.18	9.71	30.89	60.00	-29.11	QP
10	7.320	13.94	9.71	23.65	50.00	-26.35	Average
11	16.578	27.55	9.80	37.35	60.00	-22.65	QP
12	16.578	21.04	9.80	30.84	50.00	-19.16	Average