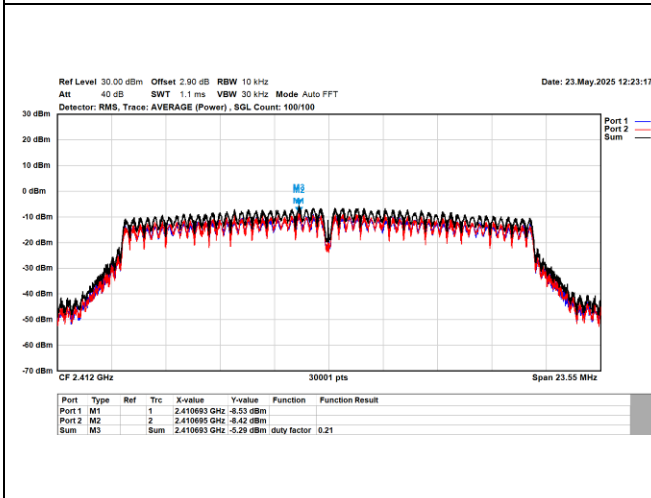
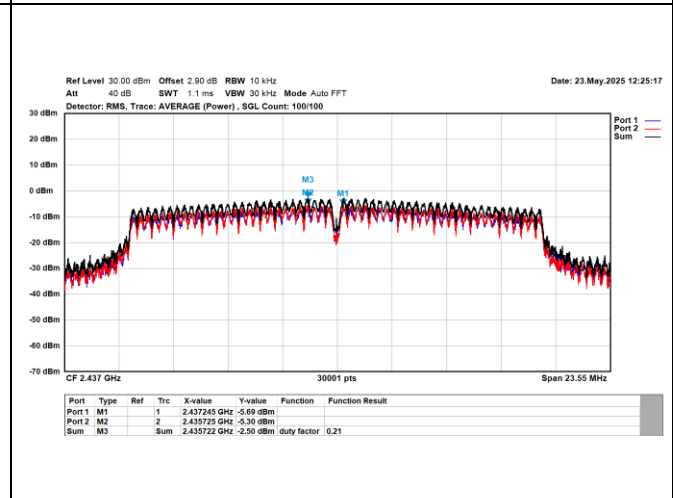


Spectrum plot of worst value

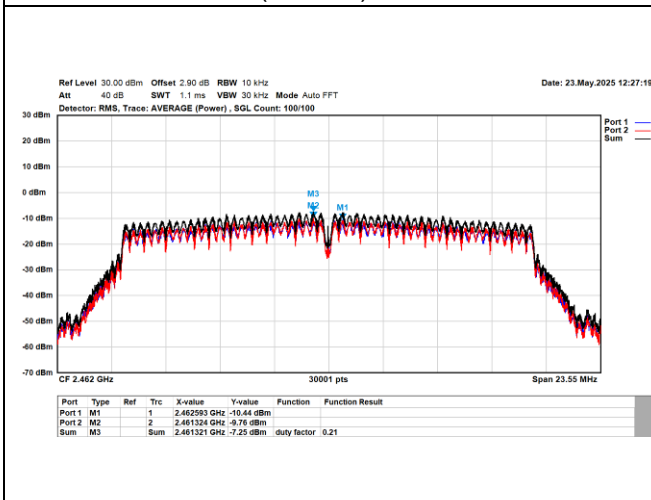
802.11n (20 MHz) / 2412 MHz



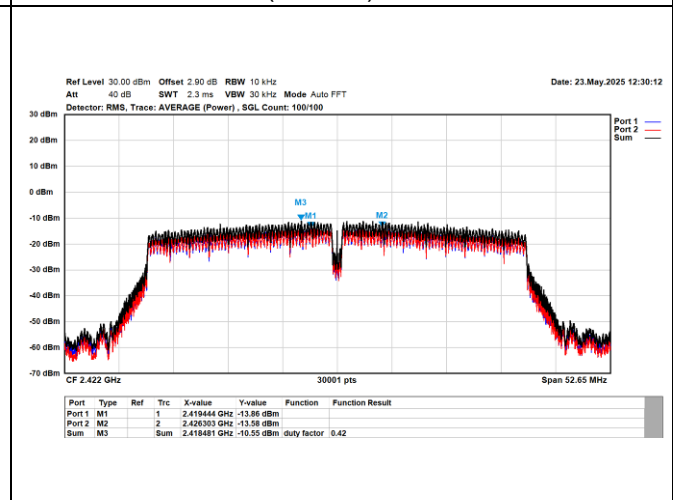
802.11n (20 MHz) / 2437 MHz



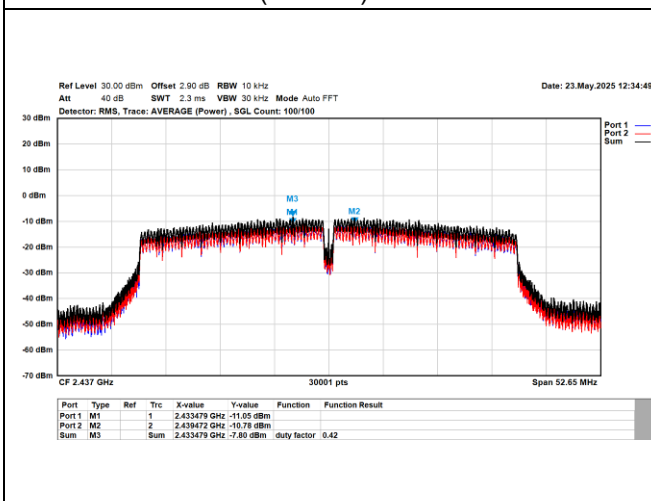
802.11n (20 MHz) / 2462 MHz



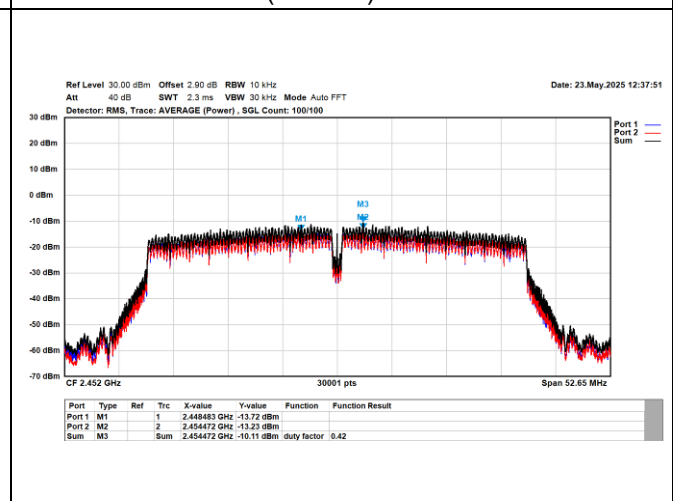
802.11n (40 MHz) / 2422 MHz



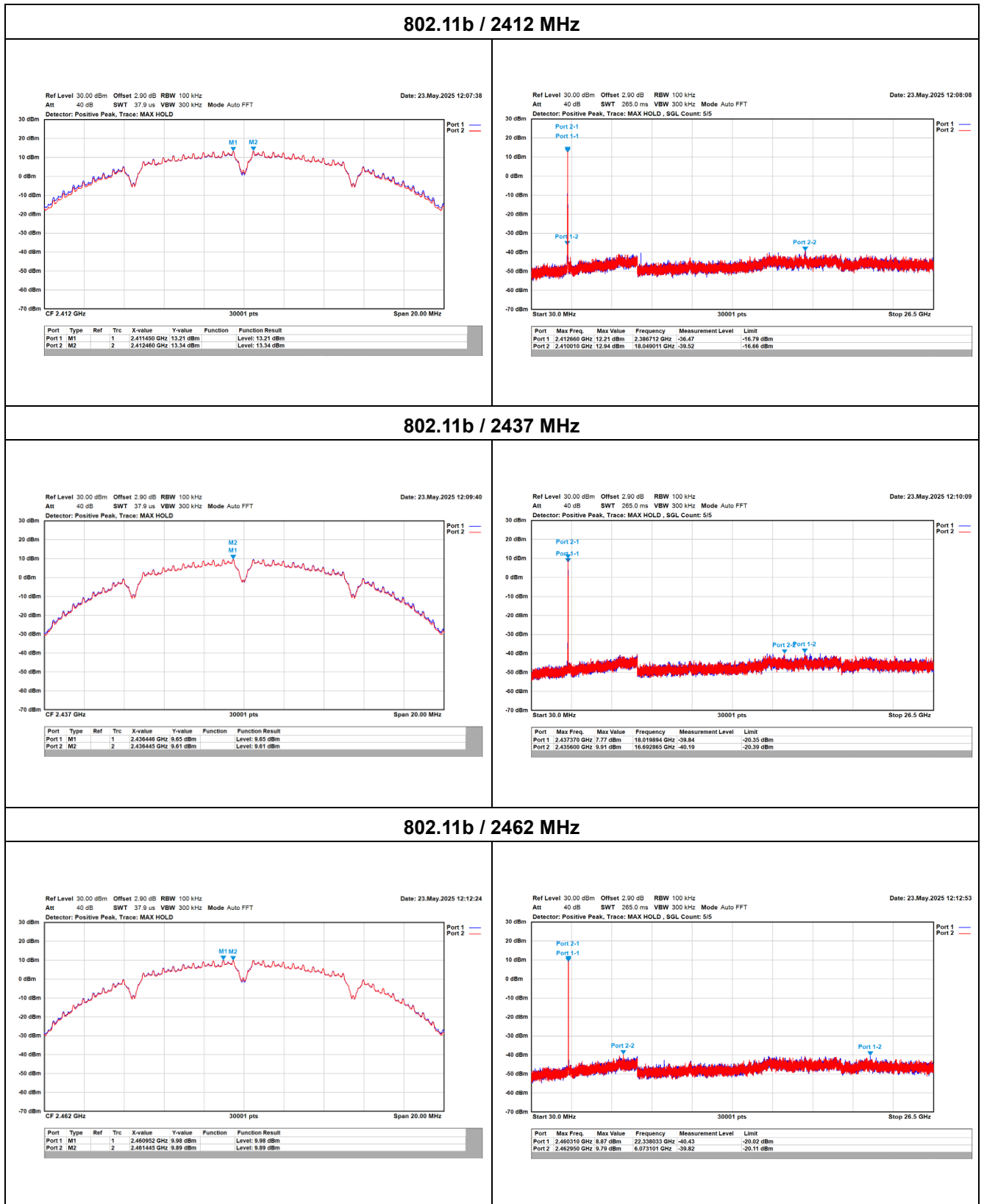
802.11n (40 MHz) / 2437 MHz



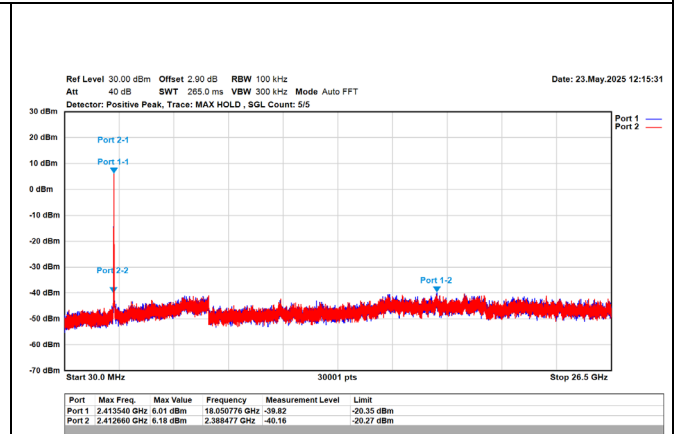
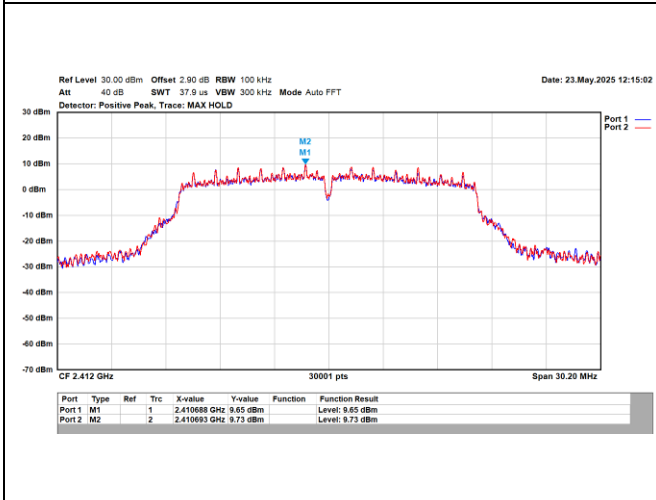
802.11n (40 MHz) / 2452 MHz



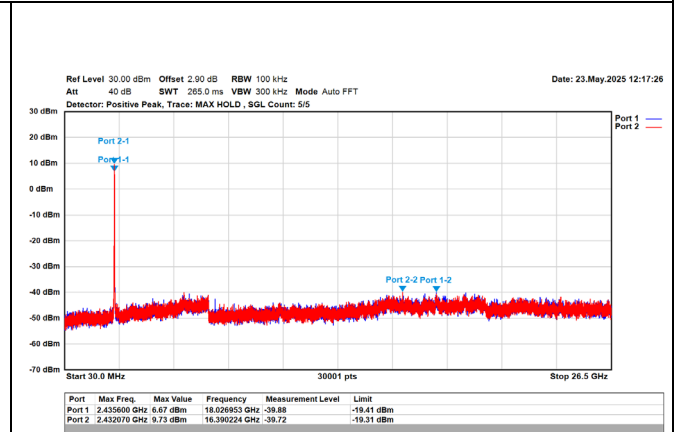
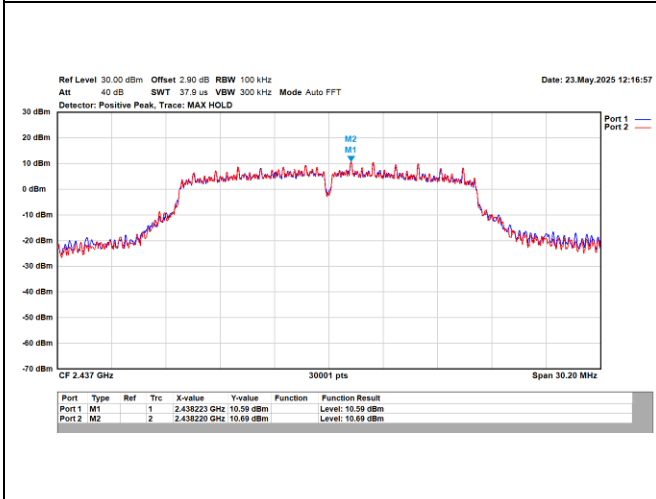
## Appendix E. Test Result of Antenna Port Conducted Emission



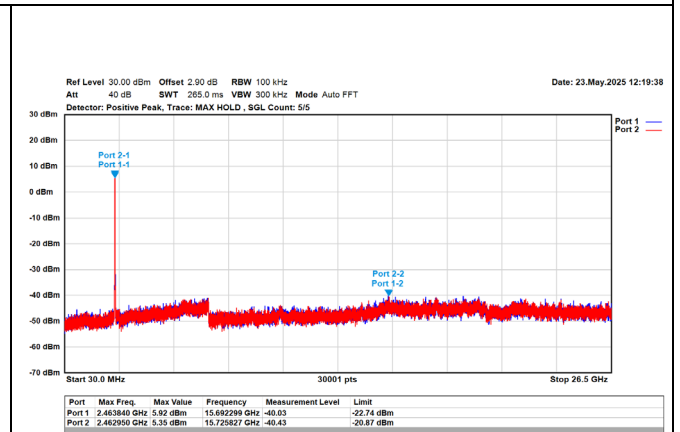
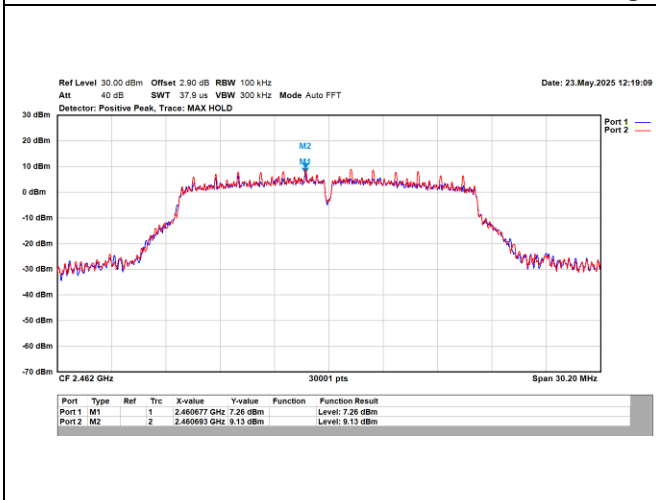
### 802.11g / 2412 MHz



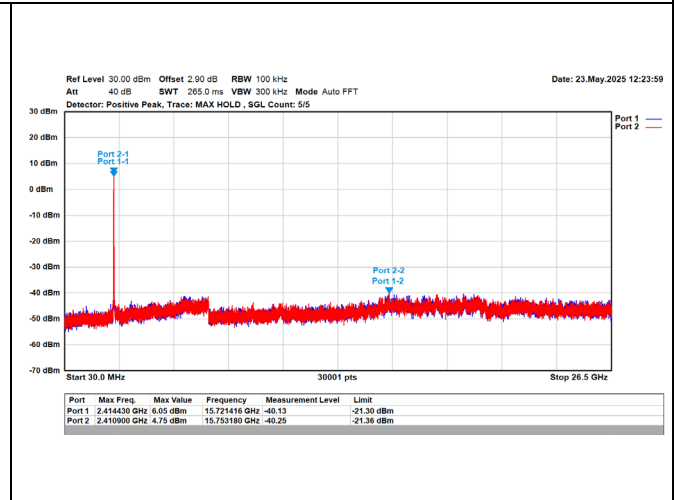
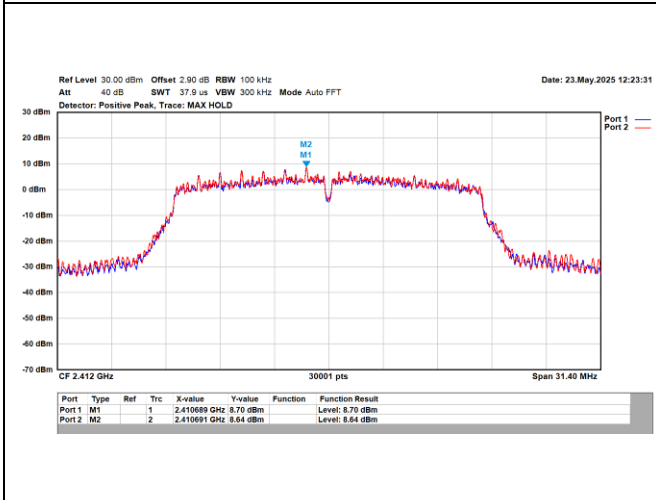
### 802.11g / 2437 MHz



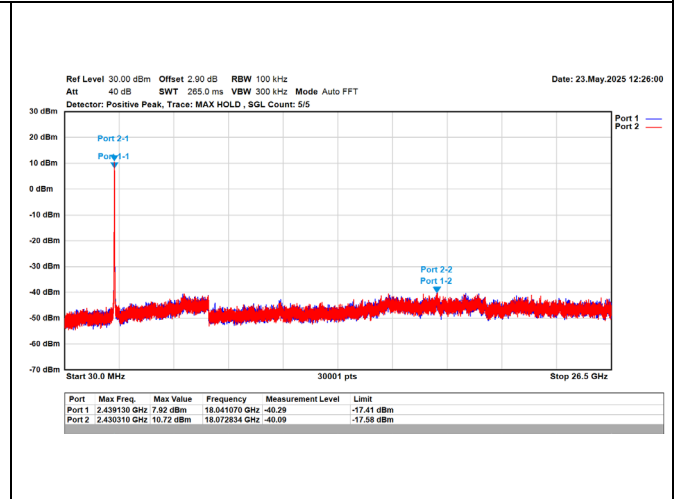
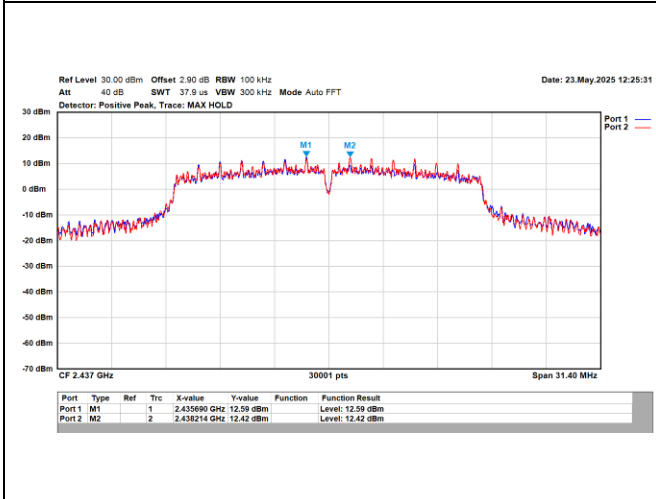
### 802.11g / 2462 MHz



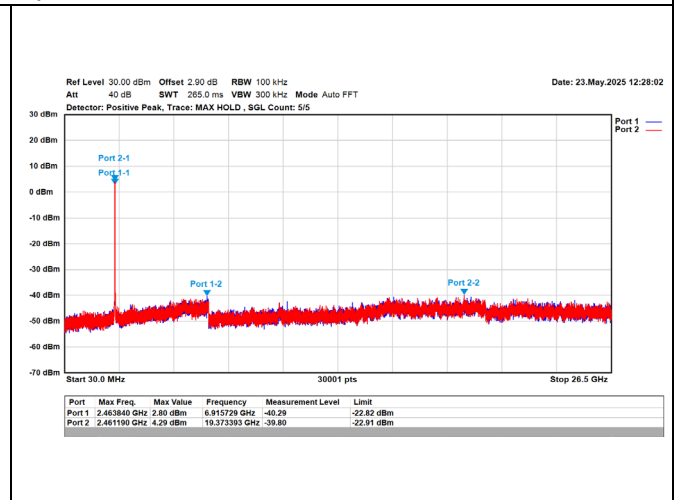
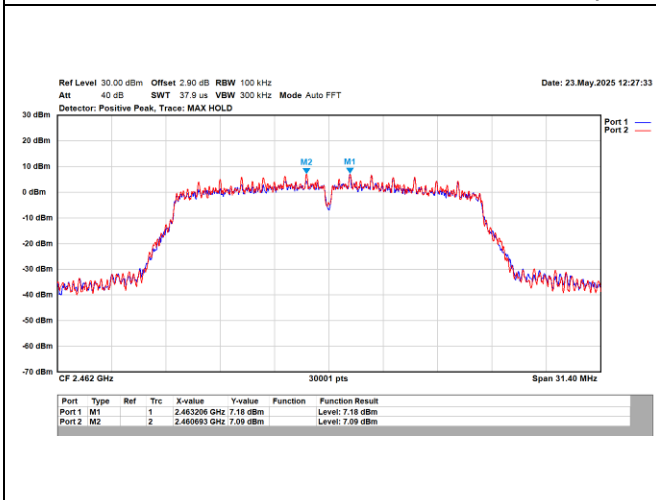
### 802.11n (20 MHz) / 2412 MHz



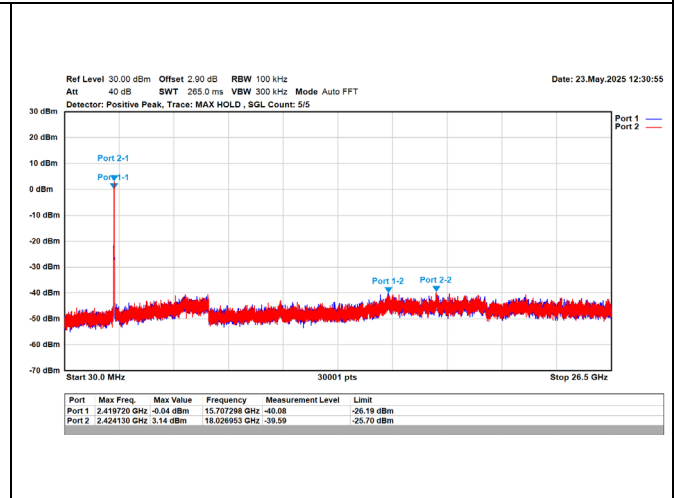
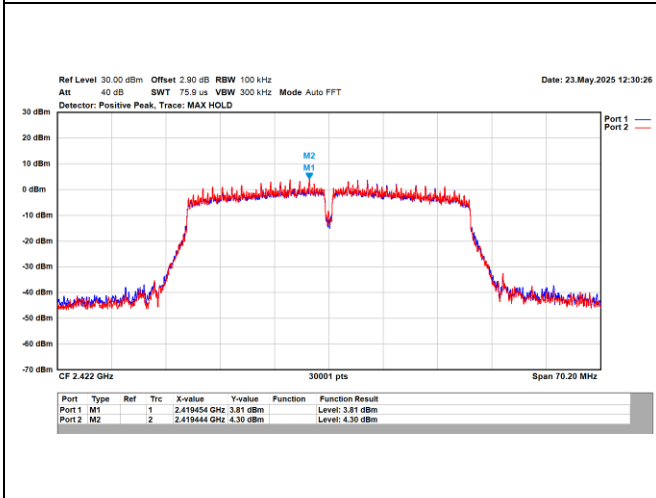
### 802.11n (20 MHz) / 2437 MHz



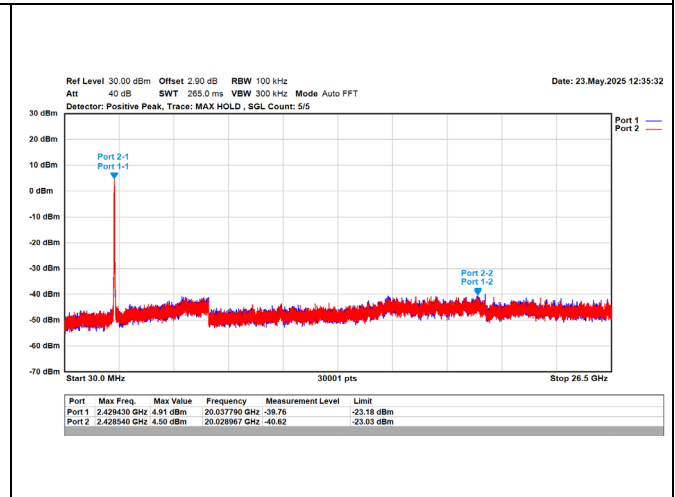
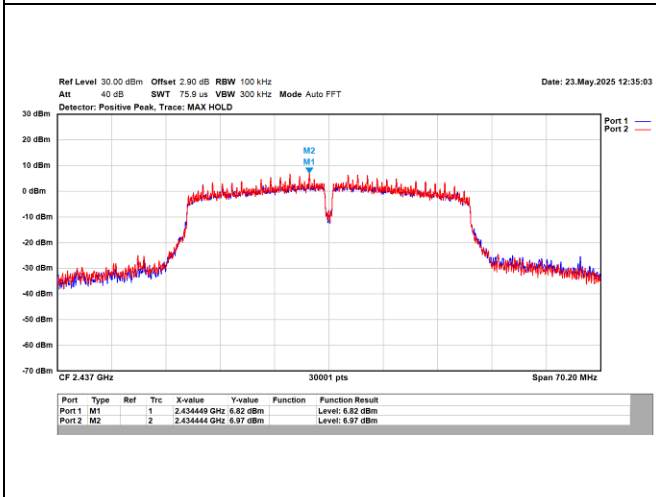
### 802.11n (20 MHz) / 2462 MHz



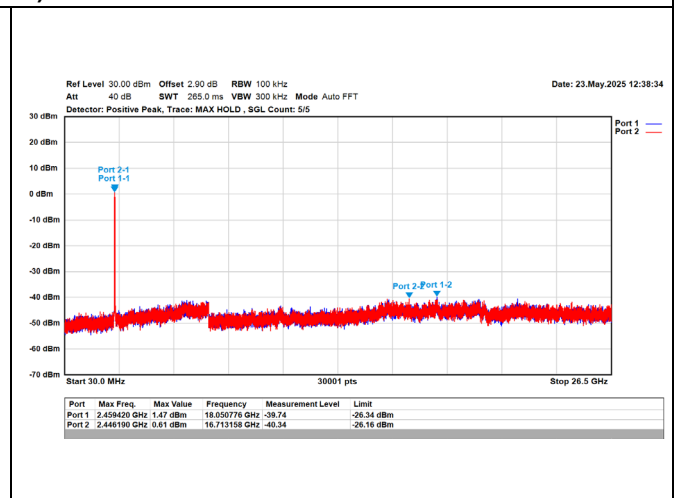
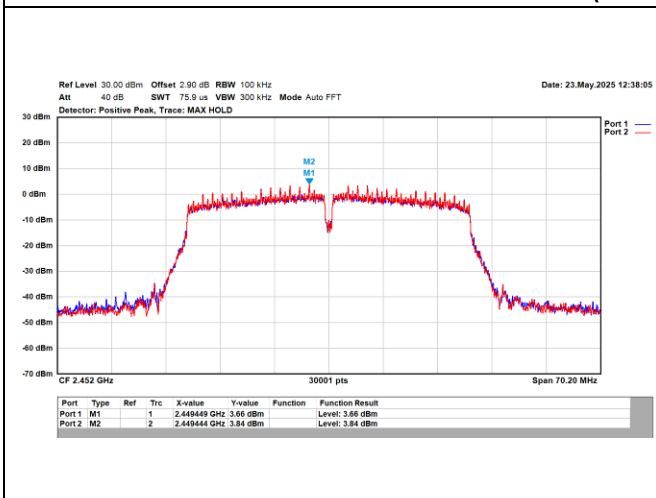
### 802.11n (40 MHz) / 2422 MHz

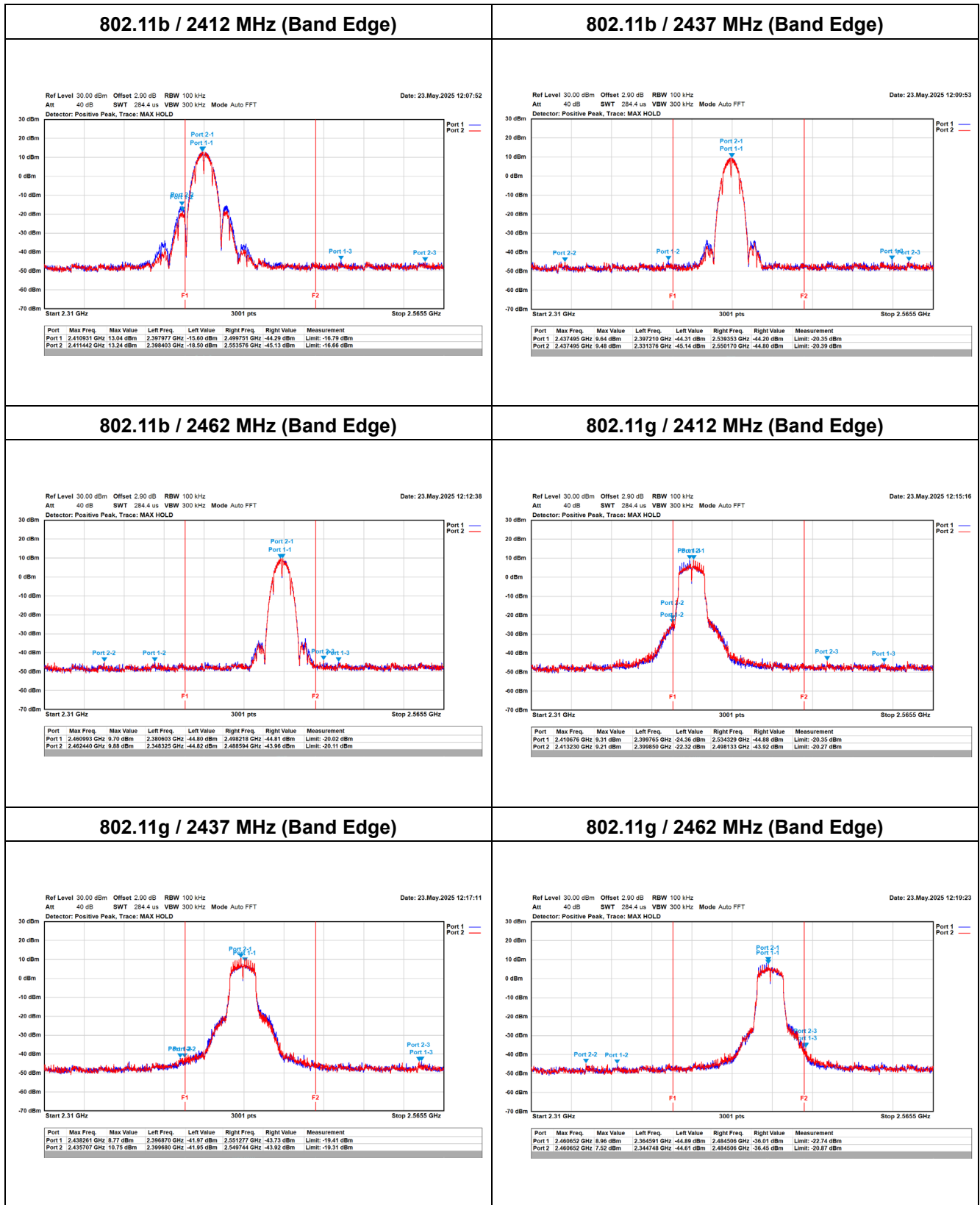


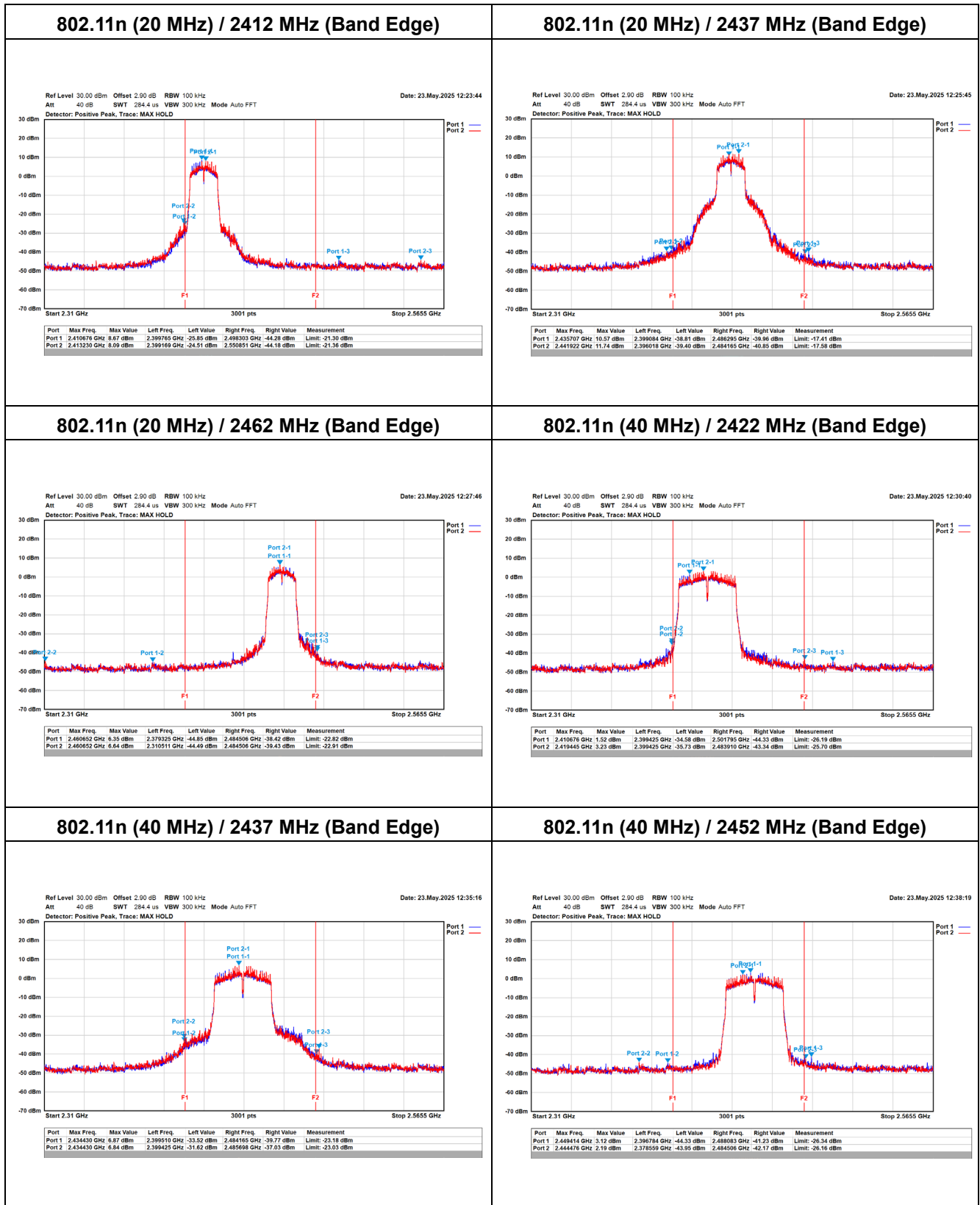
### 802.11n (40 MHz) / 2437 MHz



### 802.11n (40 MHz) / 2452 MHz



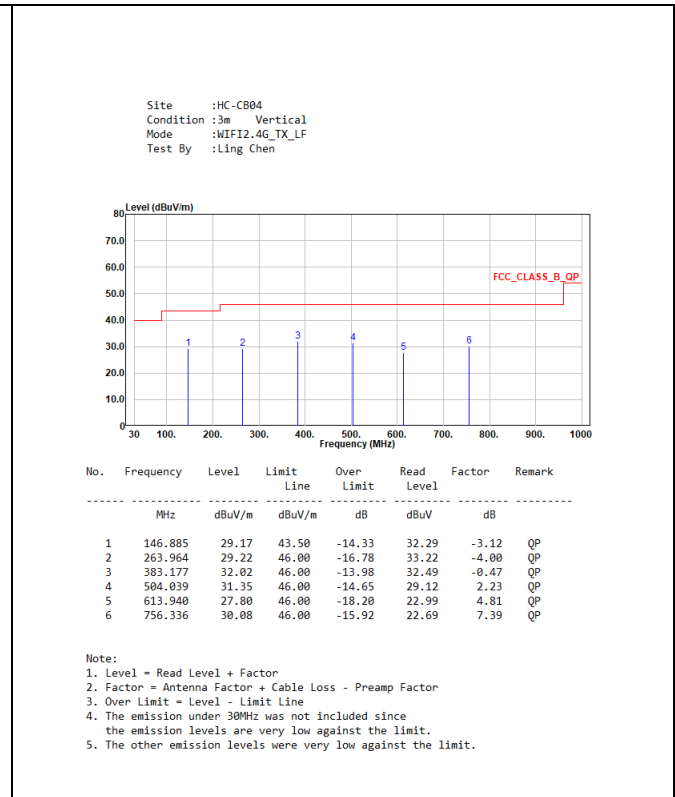
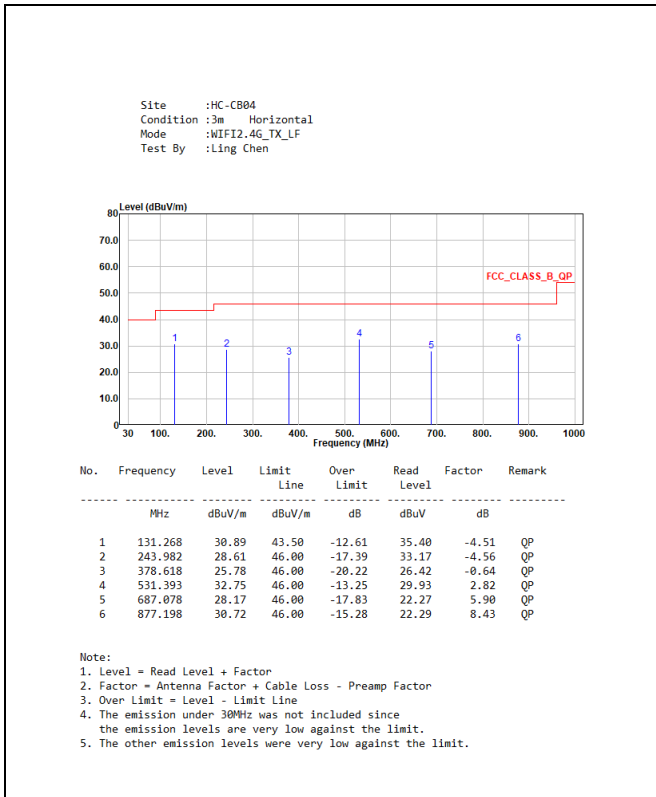




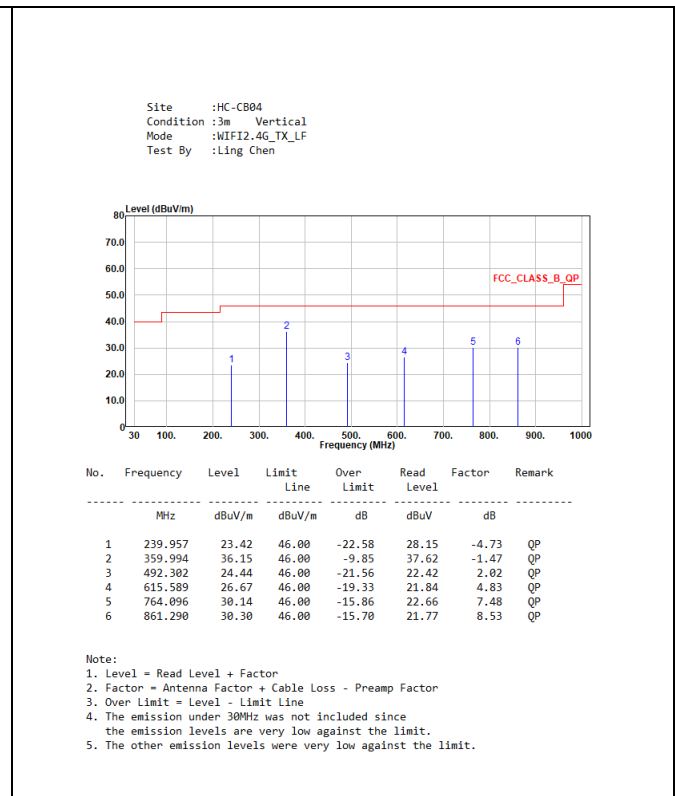
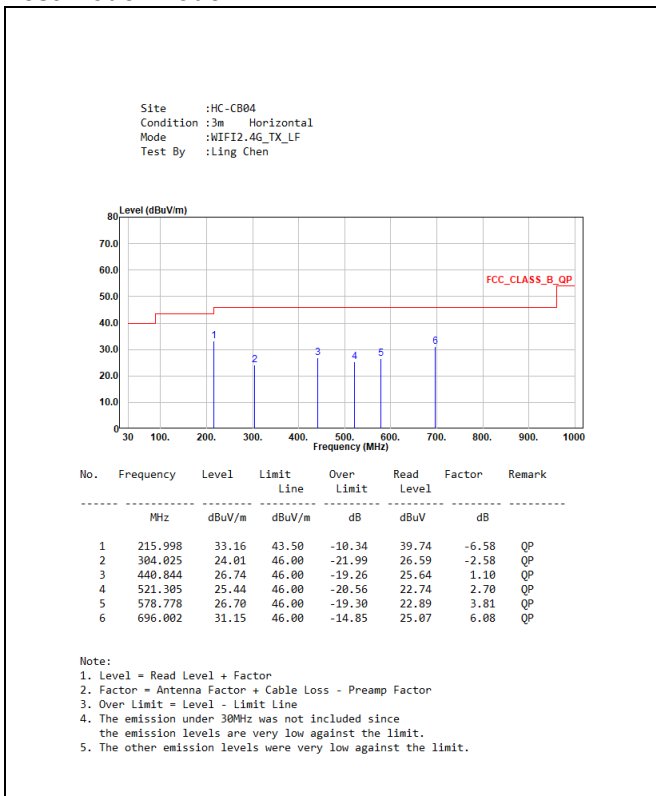
## Appendix F. Test Result of Transmitter Radiated Spurious Emission

30 MHz ~ 1 GHz

Test Mode: Mode 1



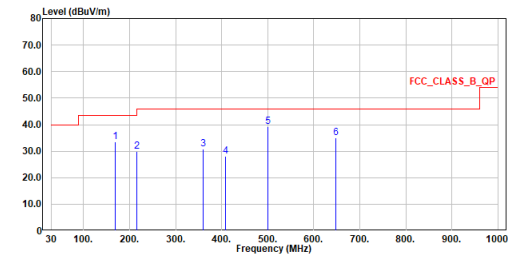
Test Mode: Mode 2





**Test Mode: Mode 3**

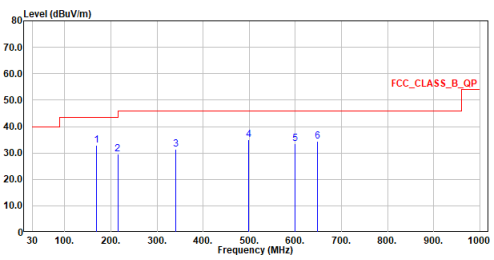
Site :HC-CB04  
 Condition :3m Horizontal  
 Mode :WIFI2.4G\_TX\_LF  
 Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	167.934	33.51	43.50	-9.99	36.99	-3.48	QP
2	215.949	30.02	43.50	-13.48	36.60	-6.58	QP
3	359.994	30.75	46.00	-15.25	32.22	-1.47	QP
4	408.009	28.20	46.00	-17.80	28.22	-0.02	QP
5	499.674	39.39	46.00	-6.61	37.26	2.13	QP
6	647.987	35.17	46.00	-10.83	29.83	5.34	QP

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The emission under 30MHz was not included since the emission levels are very low against the limit.  
 5. The other emission levels were very low against the limit.

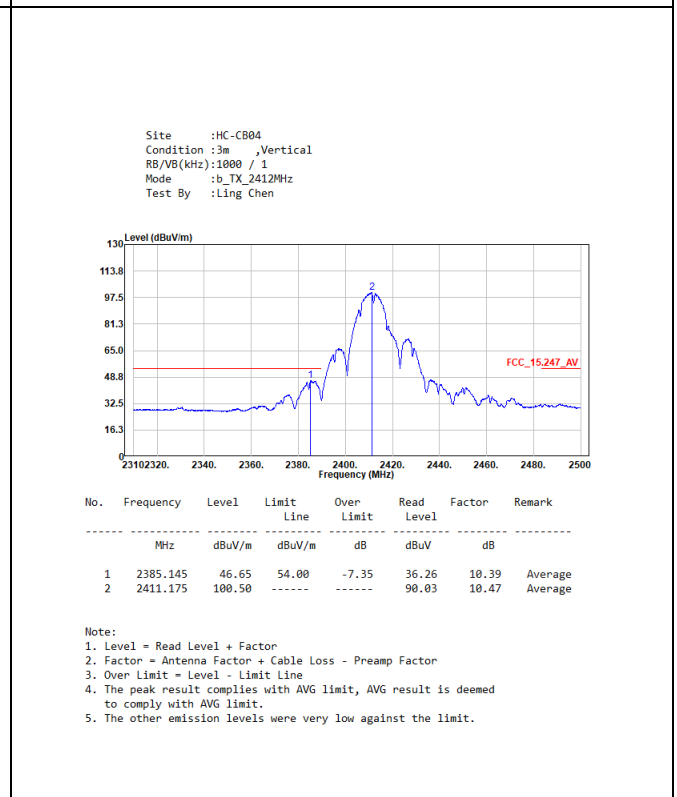
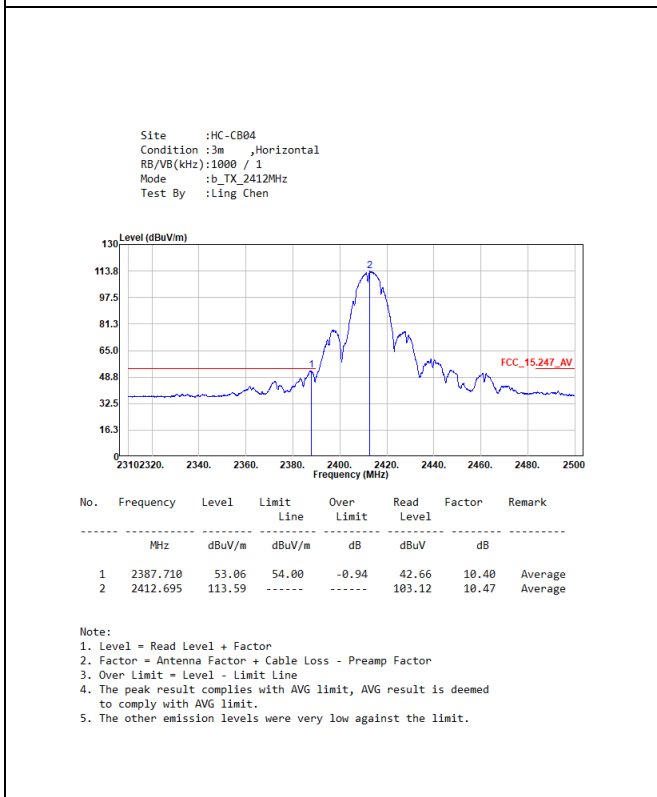
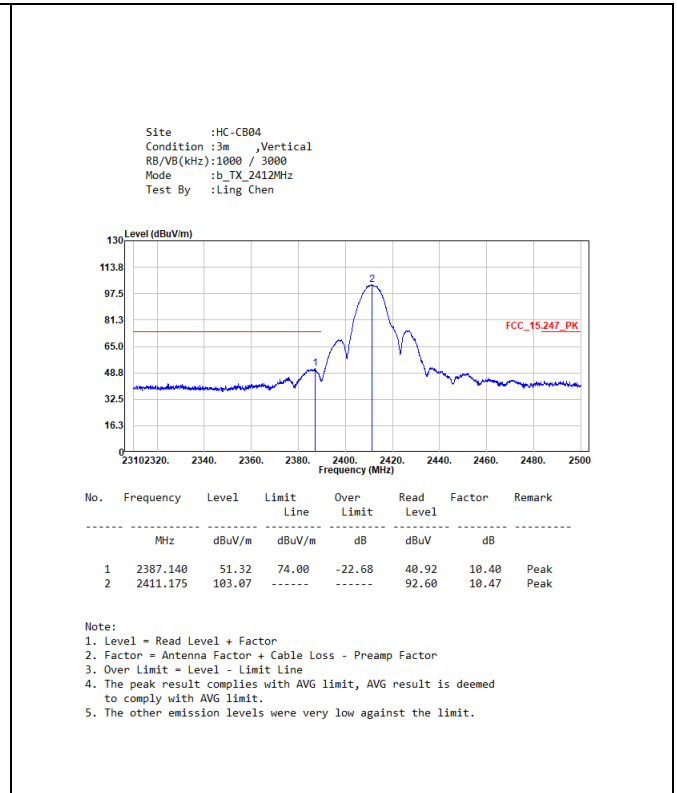
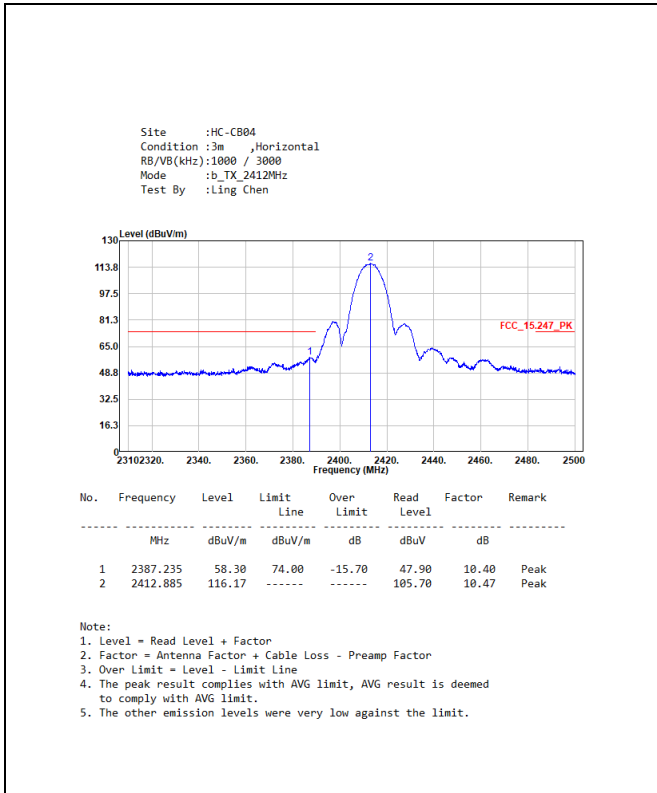
Site :HC-CB04  
 Condition :3m Vertical  
 Mode :WIFI2.4G\_TX\_LF  
 Test By :Ling Chen

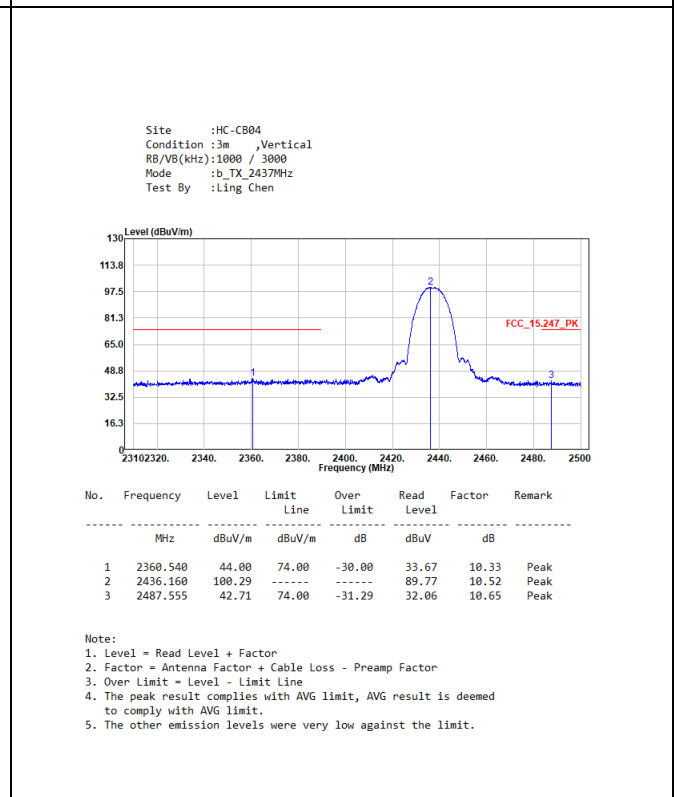
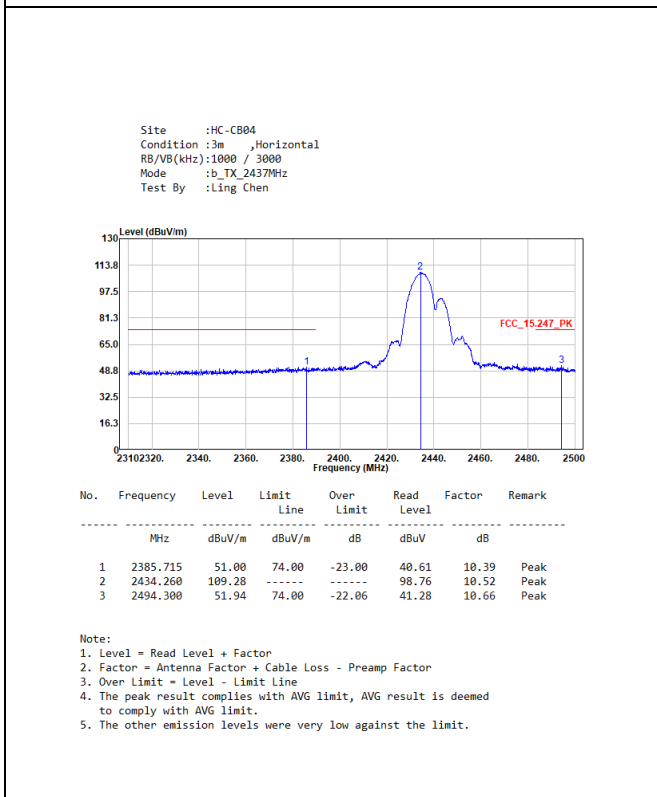
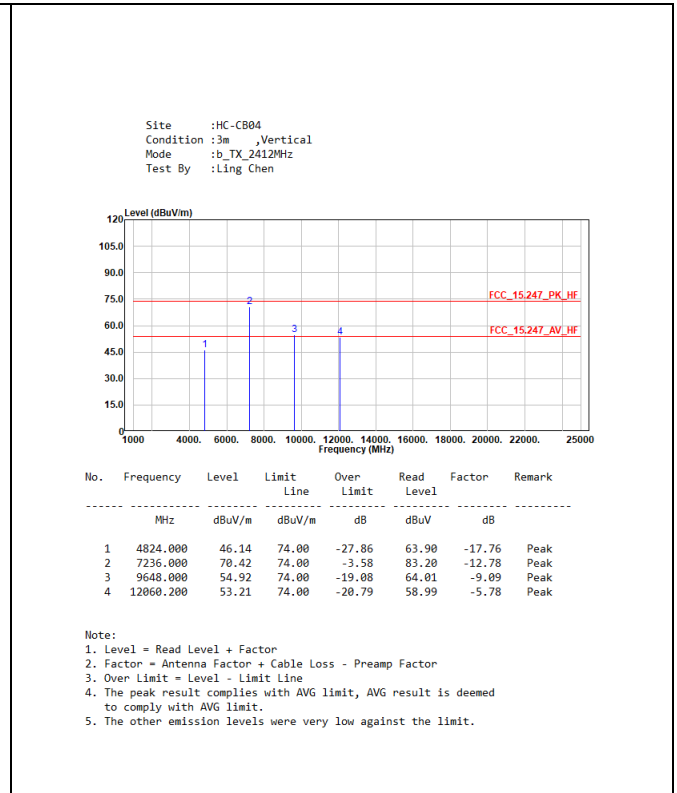
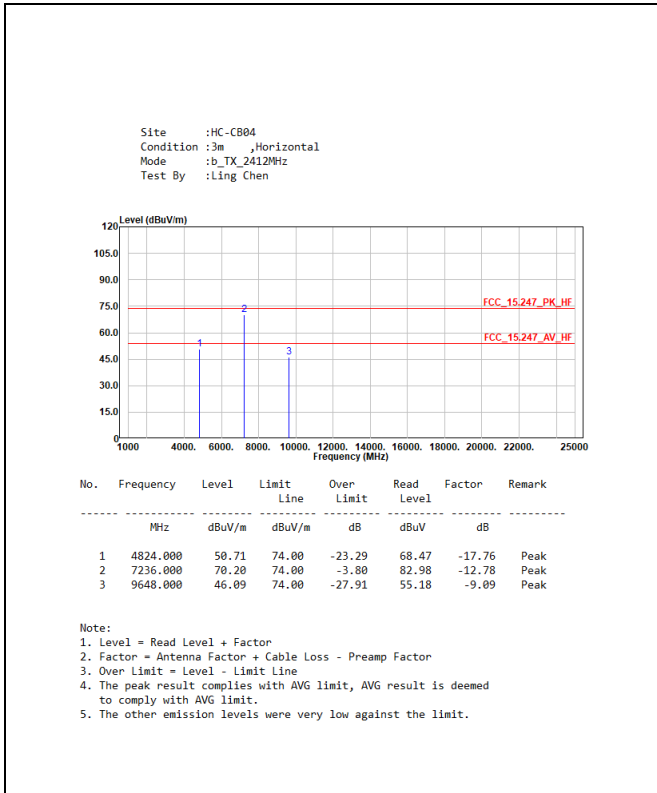


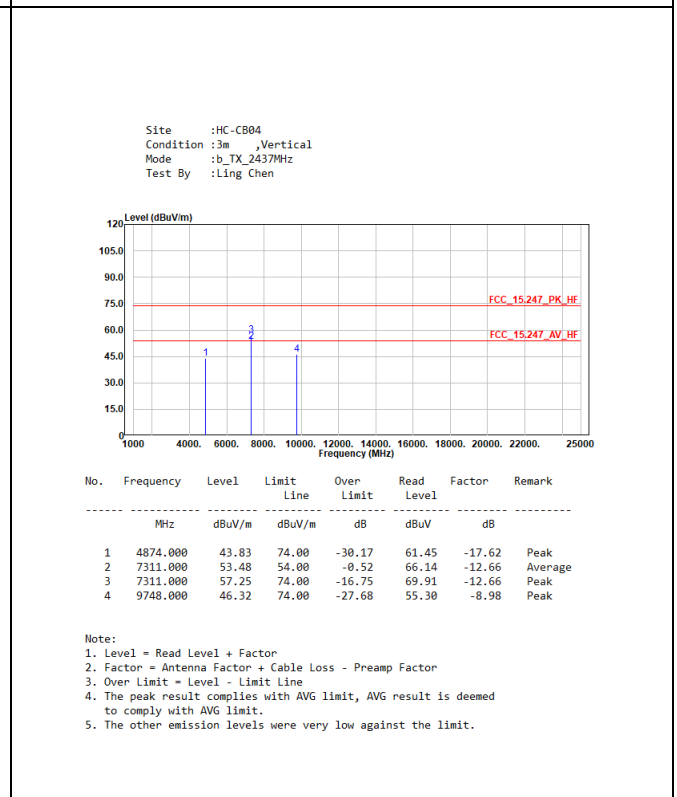
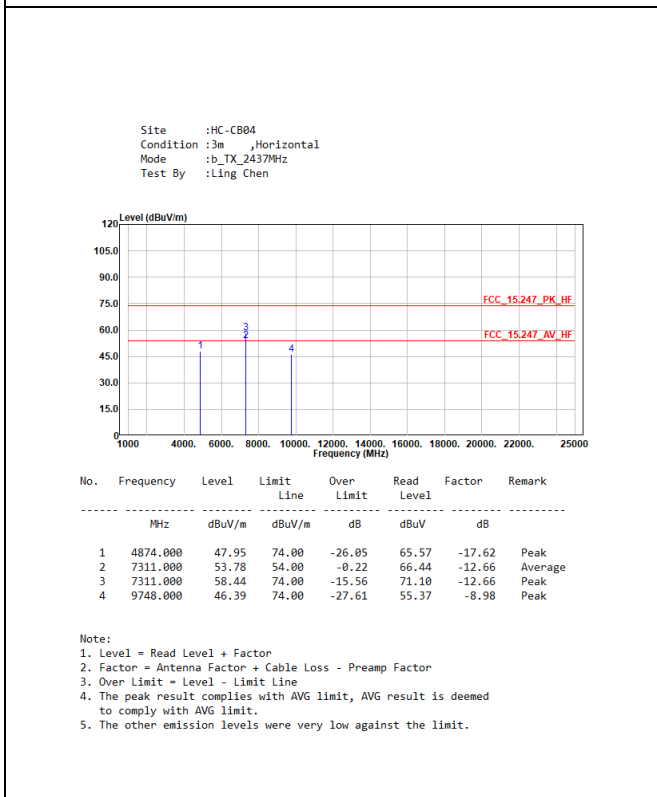
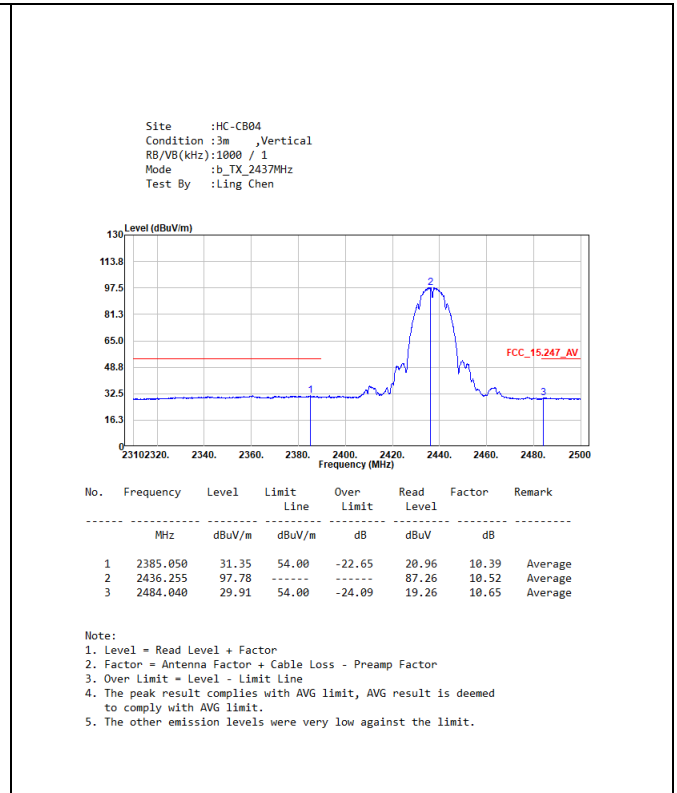
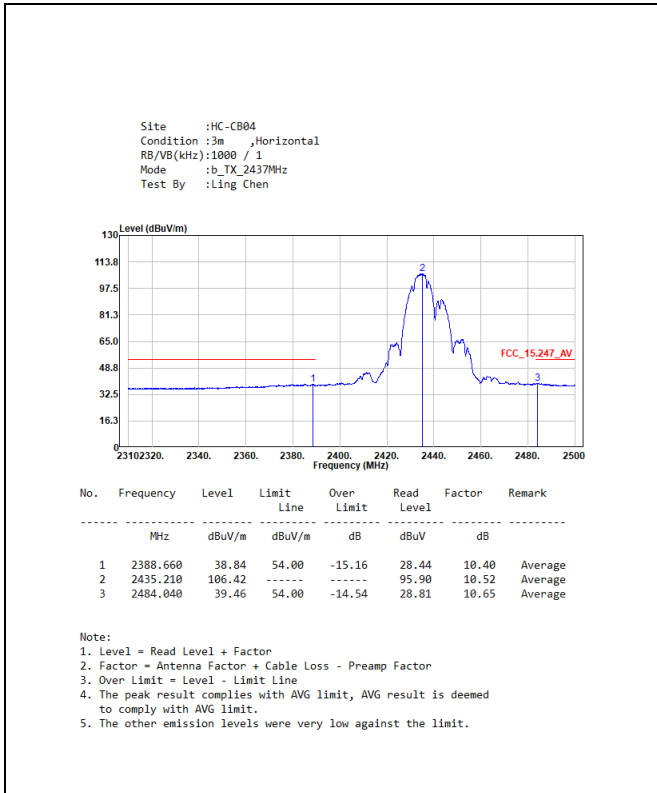
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	167.934	32.78	43.50	-10.72	36.26	-3.48	QP
2	214.688	29.64	43.50	-13.86	36.25	-6.61	QP
3	340.206	31.45	46.00	-14.55	33.09	-1.64	QP
4	498.898	35.01	46.00	-10.99	32.89	2.12	QP
5	599.972	33.45	46.00	-12.55	28.86	4.59	QP
6	647.987	34.47	46.00	-11.53	29.13	5.34	QP

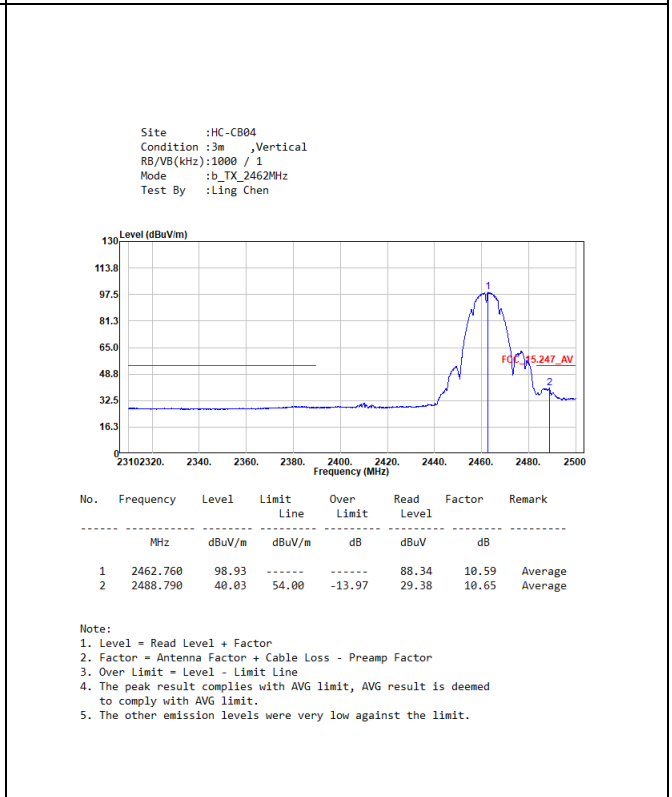
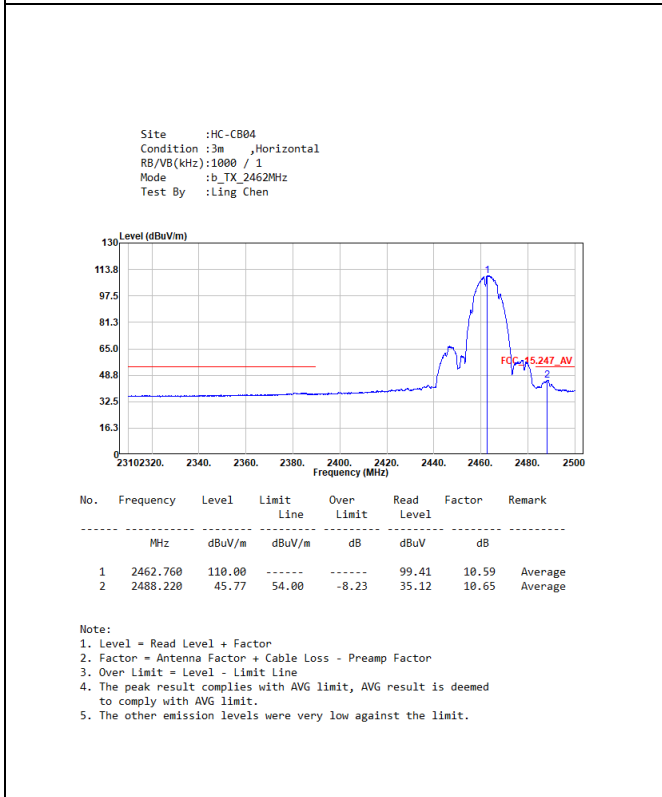
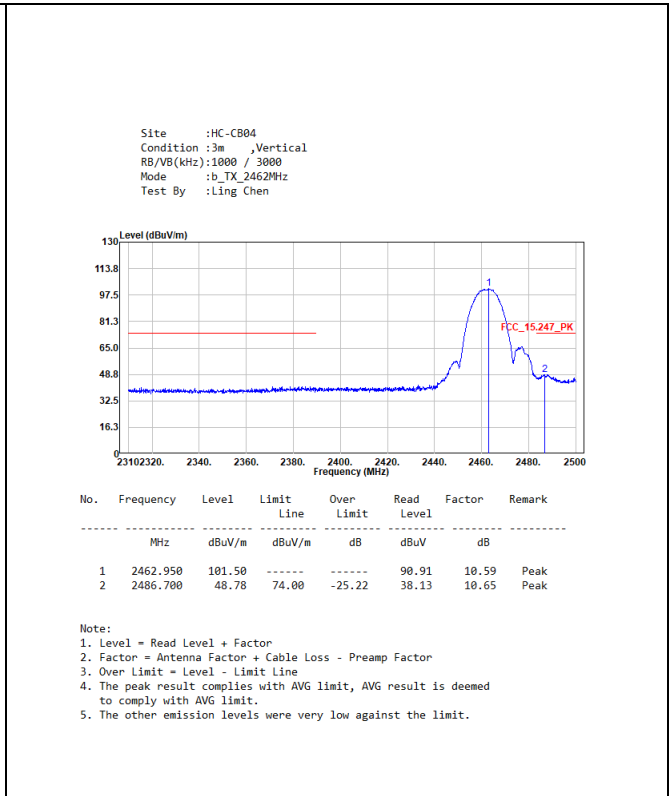
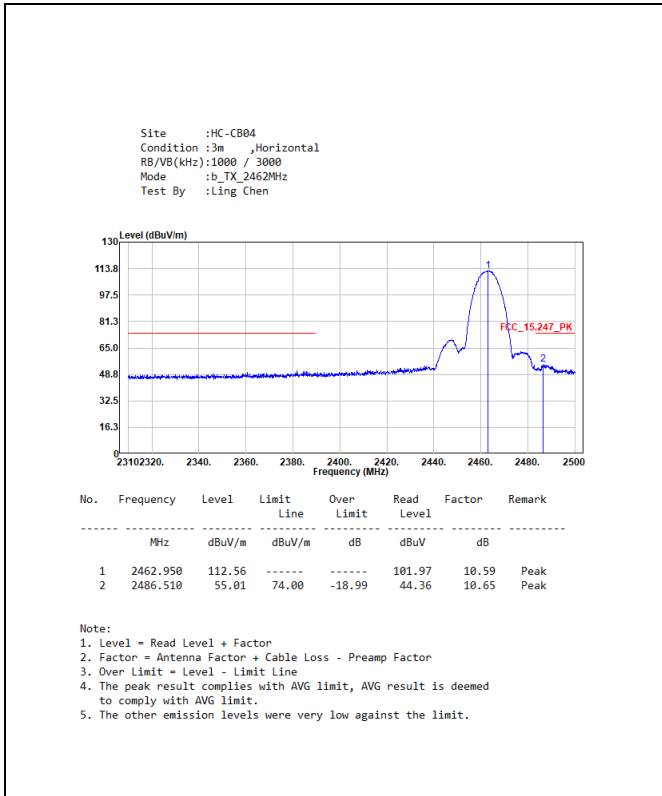
Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The emission under 30MHz was not included since the emission levels are very low against the limit.  
 5. The other emission levels were very low against the limit.

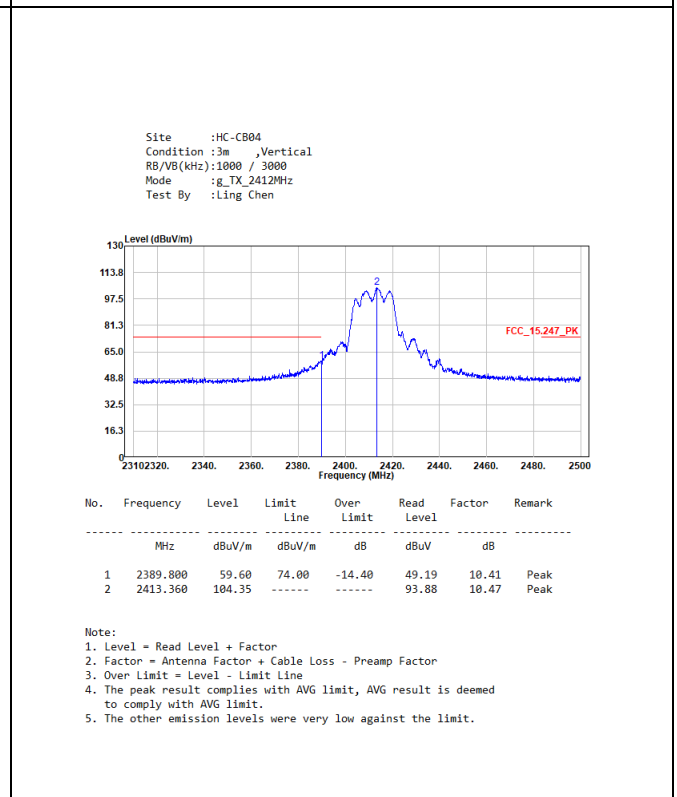
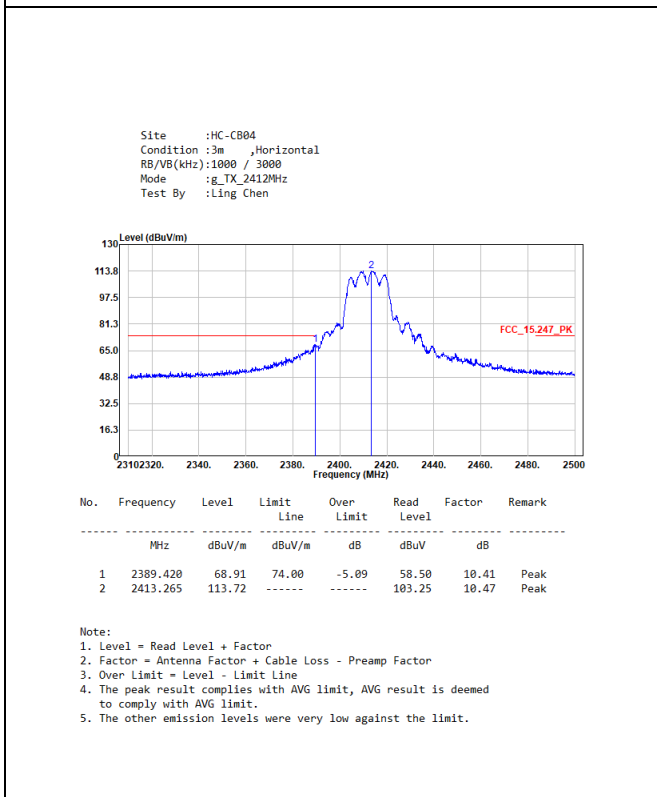
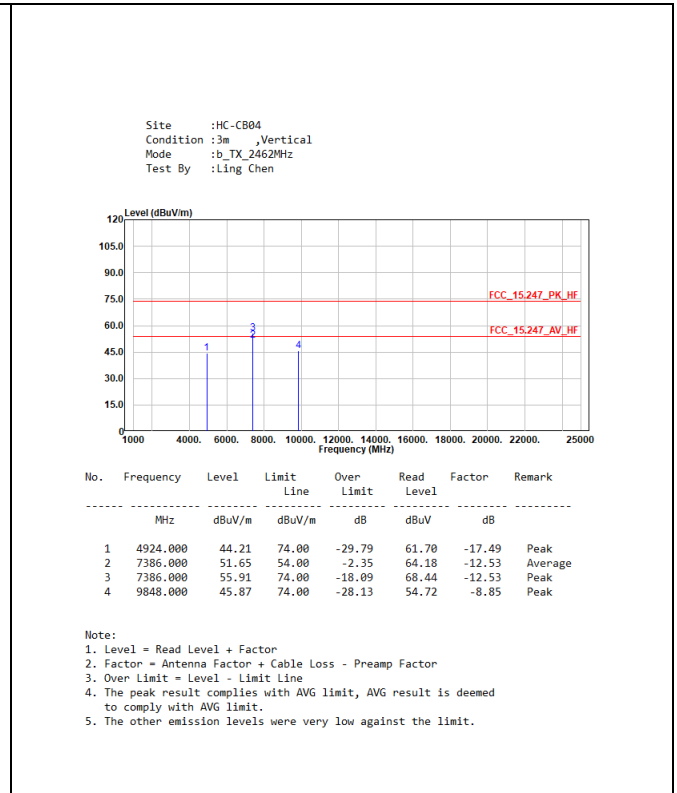
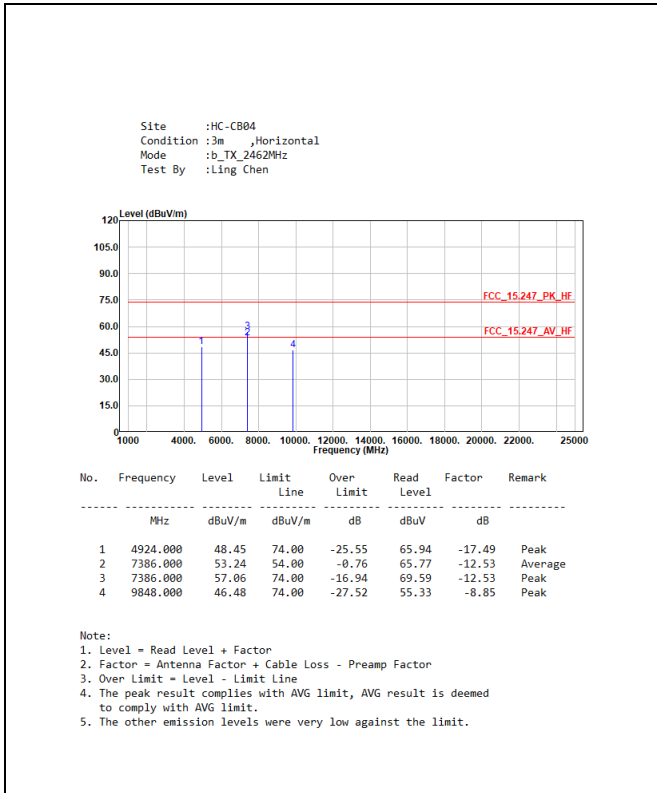
Above 1 GHz

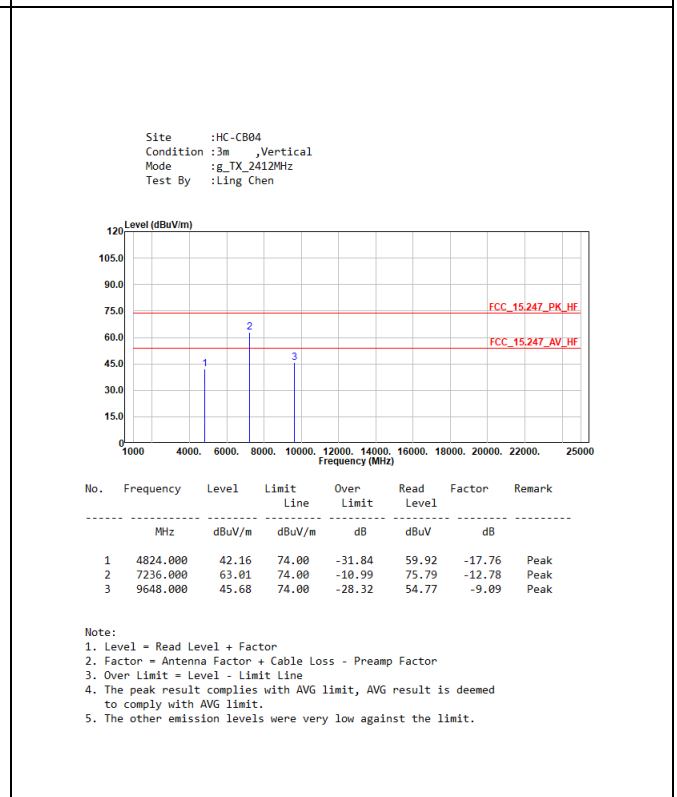
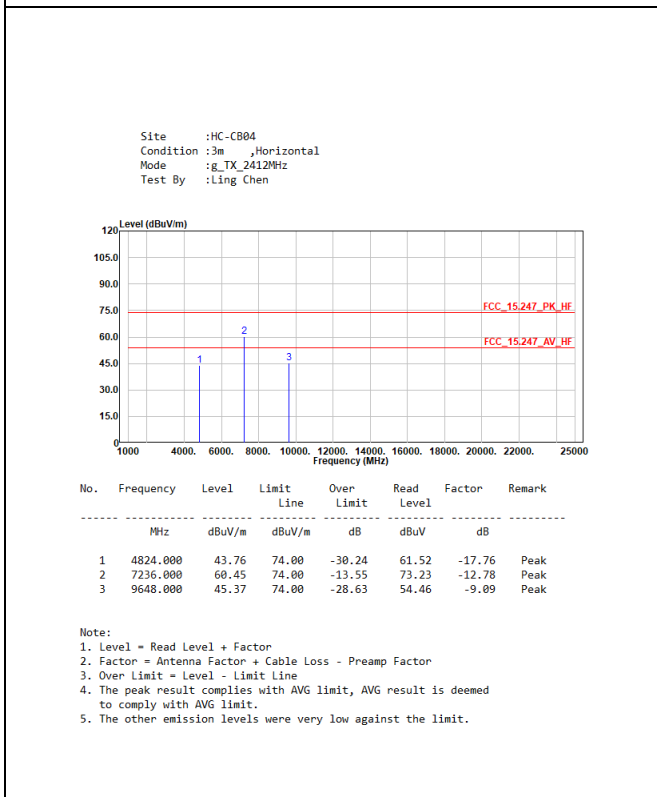
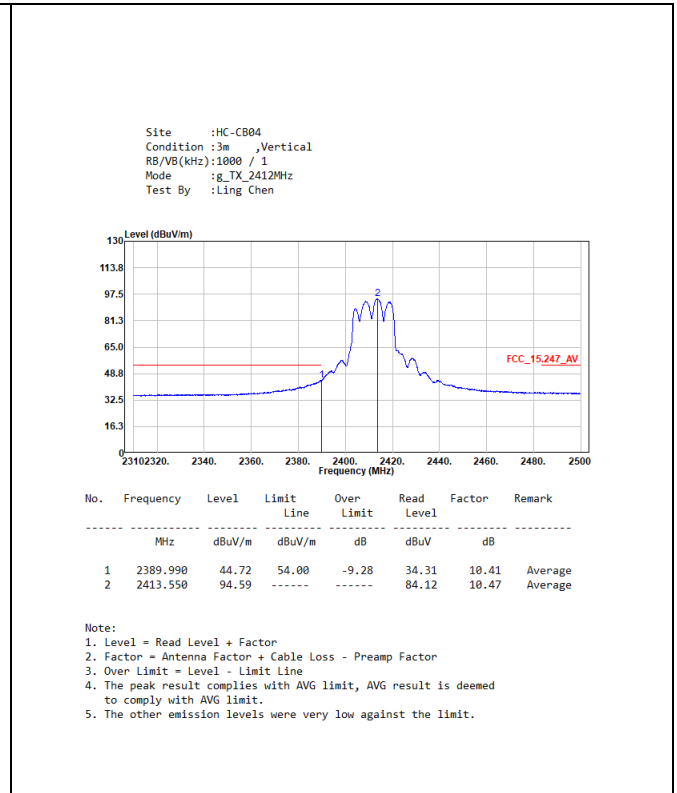
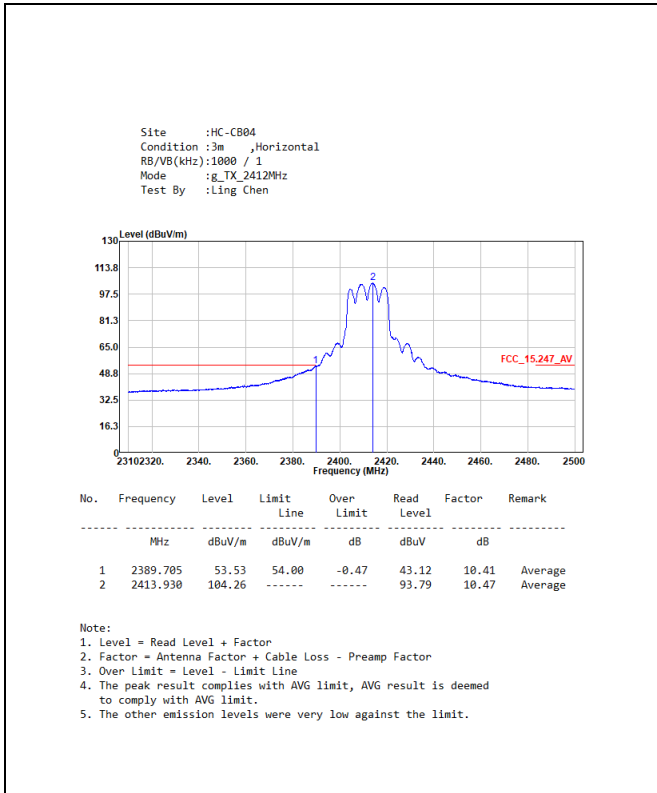




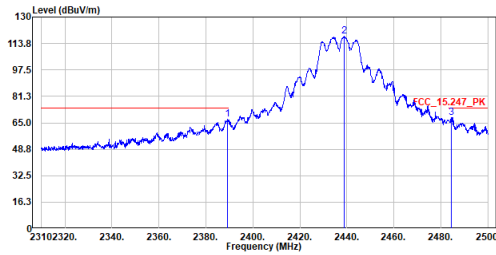








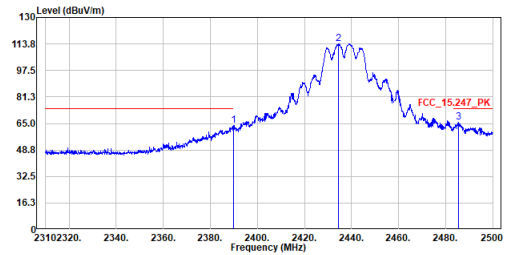
Site :HC-CB04  
 Condition :3m ,Horizontal  
 RB/VB(kHz):1000 / 3000  
 Mode :g\_TX\_2437MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.230	67.08	74.00	-6.92	56.68	10.40	Peak
2	2438.820	118.15	-----	-----	107.63	10.52	Peak
3	2484.515	68.40	74.00	-5.60	57.75	10.65	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

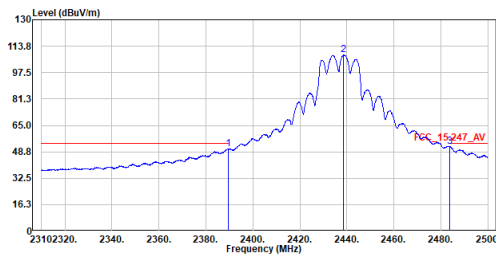
Site :HC-CB04  
 Condition :3m ,Vertical  
 RB/VB(kHz):1000 / 3000  
 Mode :g\_TX\_2437MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.895	63.66	74.00	-10.34	53.25	10.41	Peak
2	2434.355	113.96	-----	-----	103.44	10.52	Peak
3	2485.370	65.53	74.00	-8.47	54.88	10.65	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

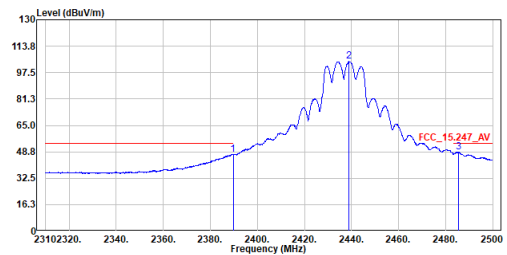
Site :HC-CB04  
 Condition :3m ,Horizontal  
 RB/VB(kHz):1000 / 1  
 Mode :g\_TX\_2437MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.515	50.63	54.00	-3.37	40.22	10.41	Average
2	2438.535	108.32	-----	-----	97.80	10.52	Average
3	2483.850	52.24	54.00	-1.76	41.59	10.65	Average

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

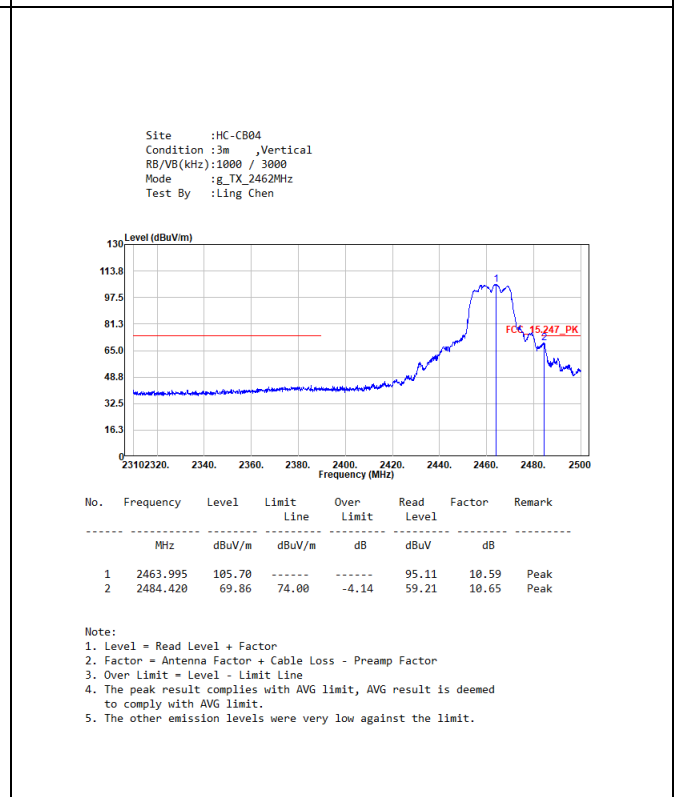
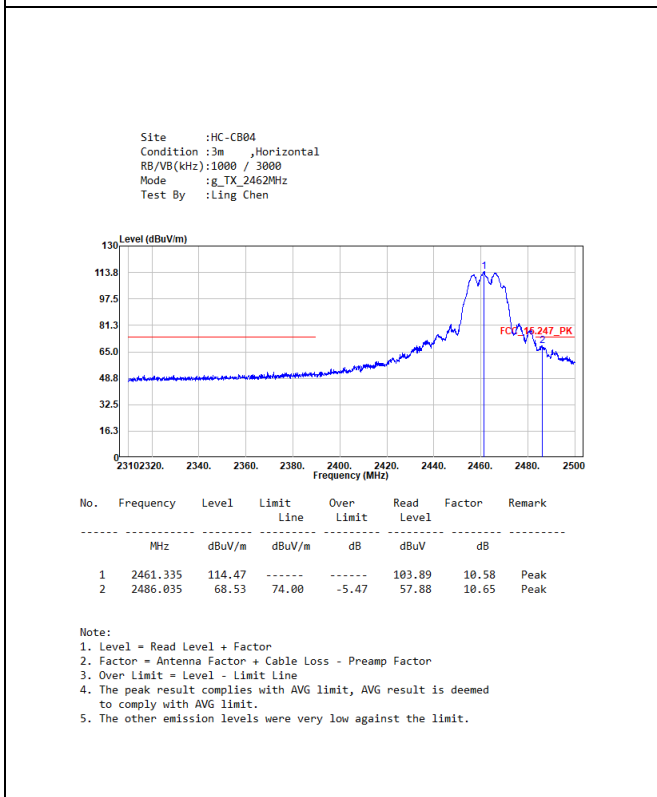
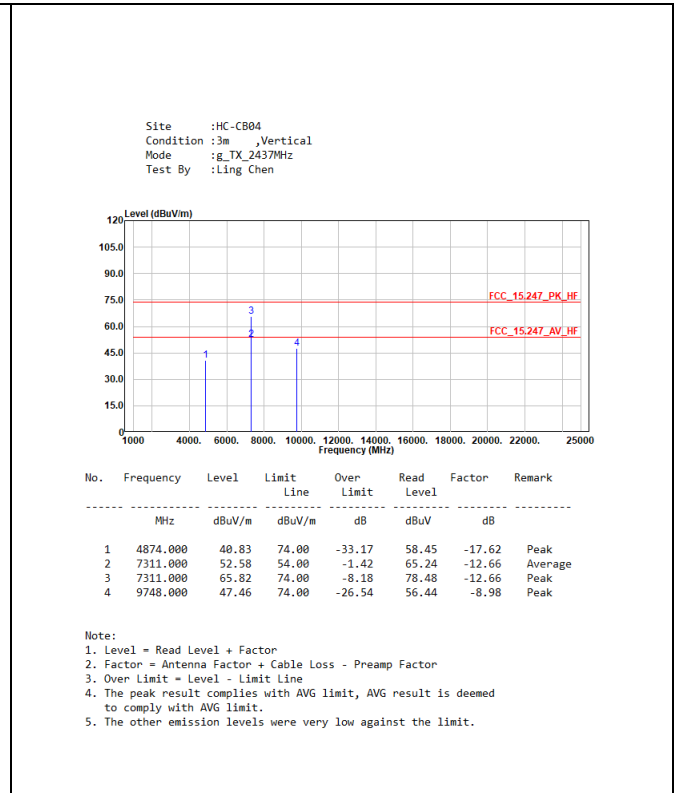
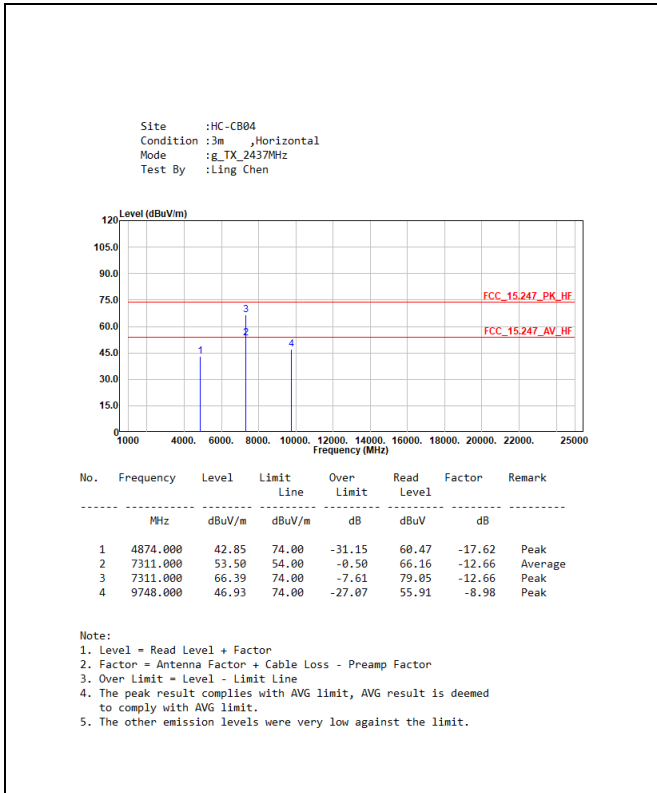
Site :HC-CB04  
 Condition :3m ,Vertical  
 RB/VB(kHz):1000 / 1  
 Mode :g\_TX\_2437MHz  
 Test By :Ling Chen

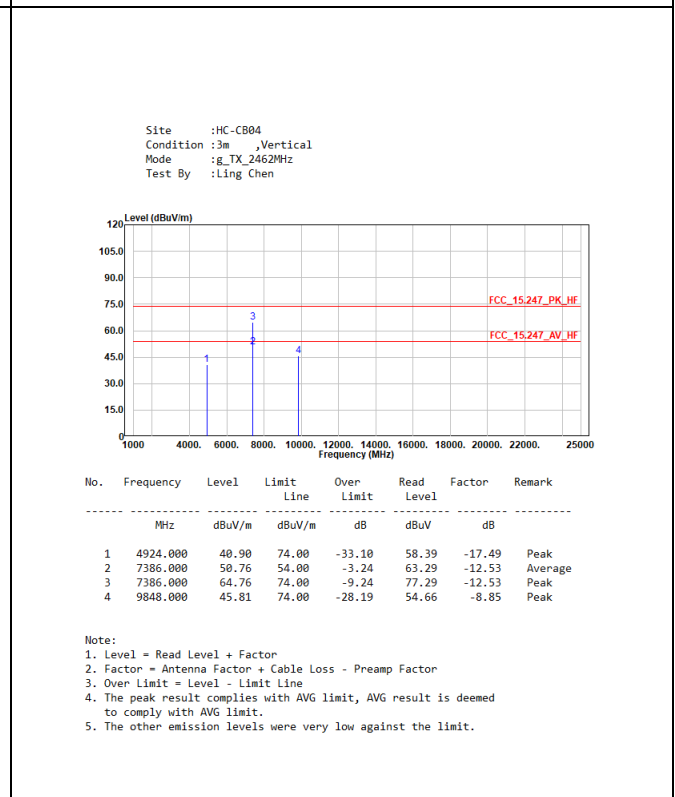
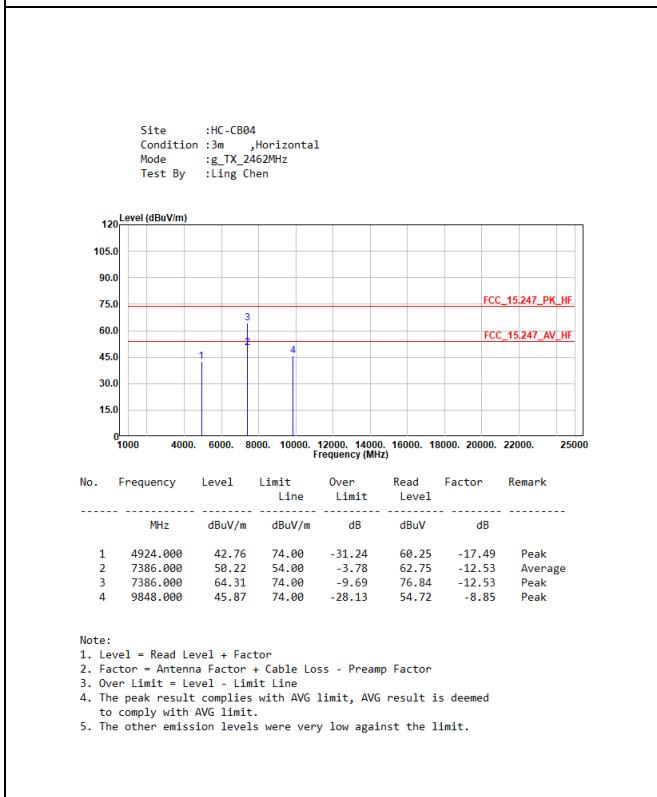
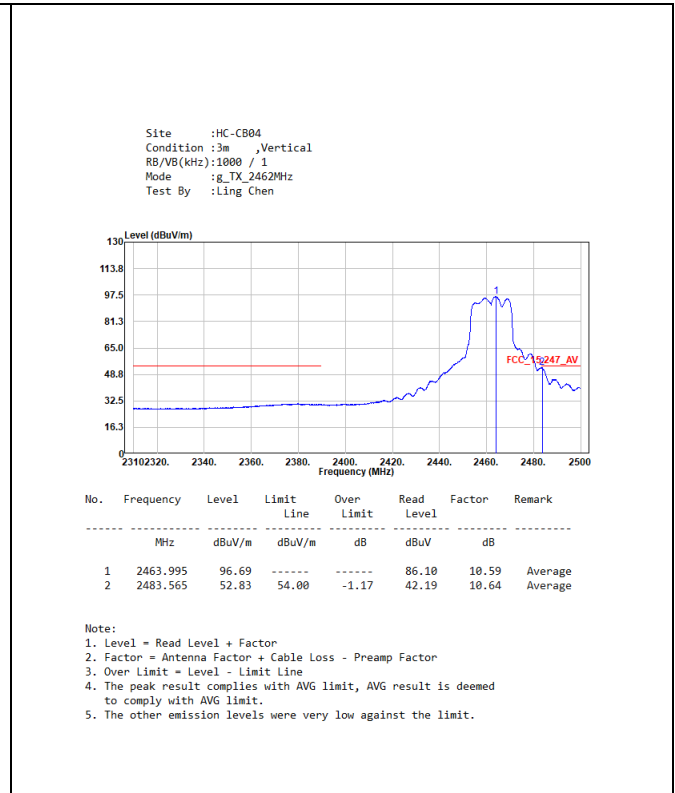
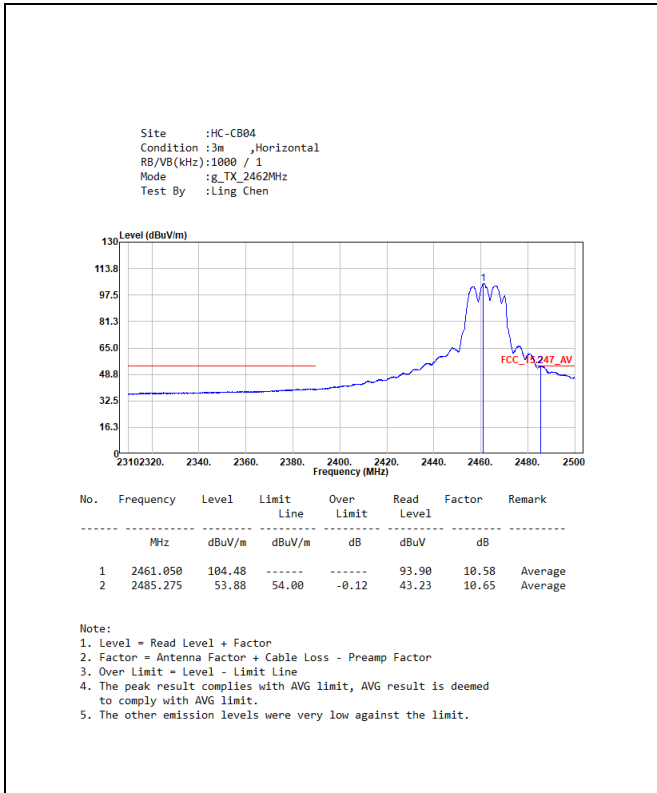


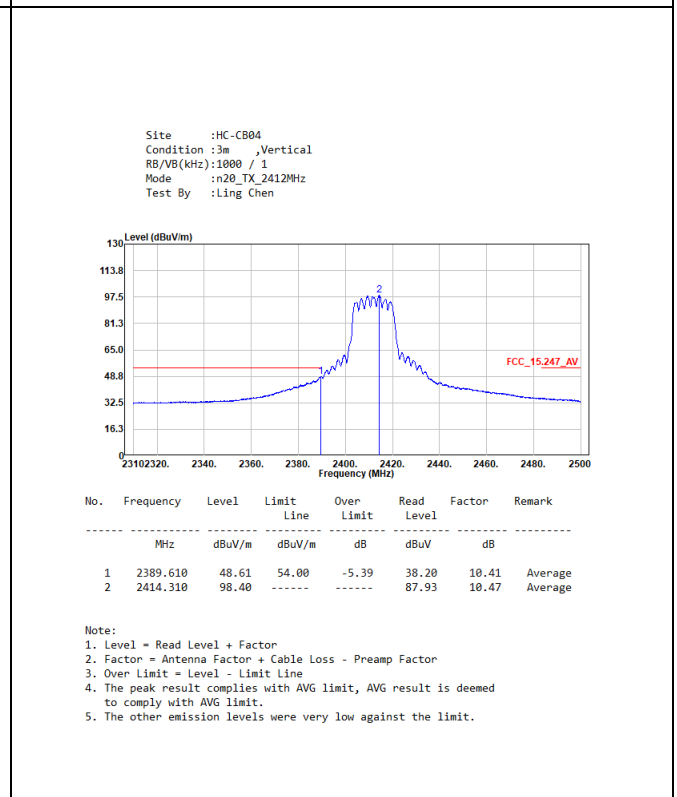
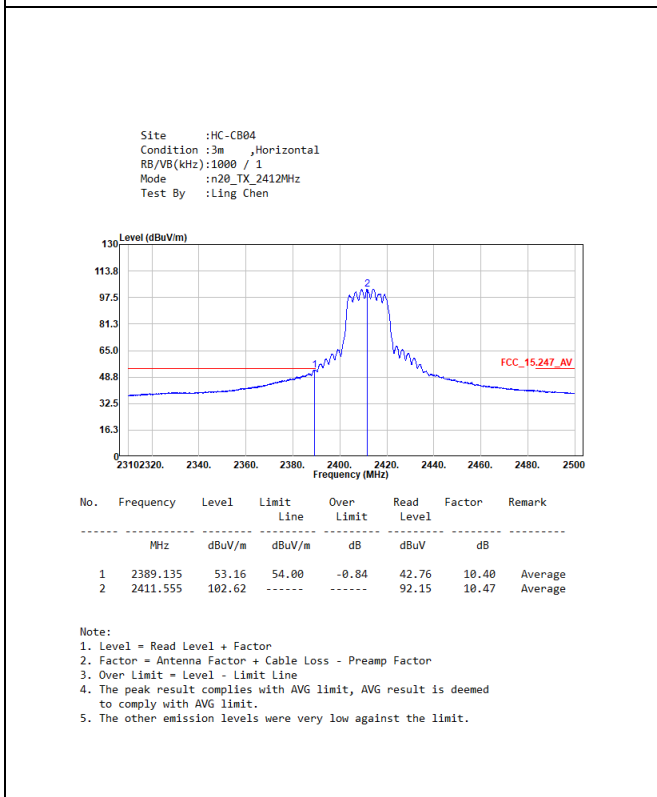
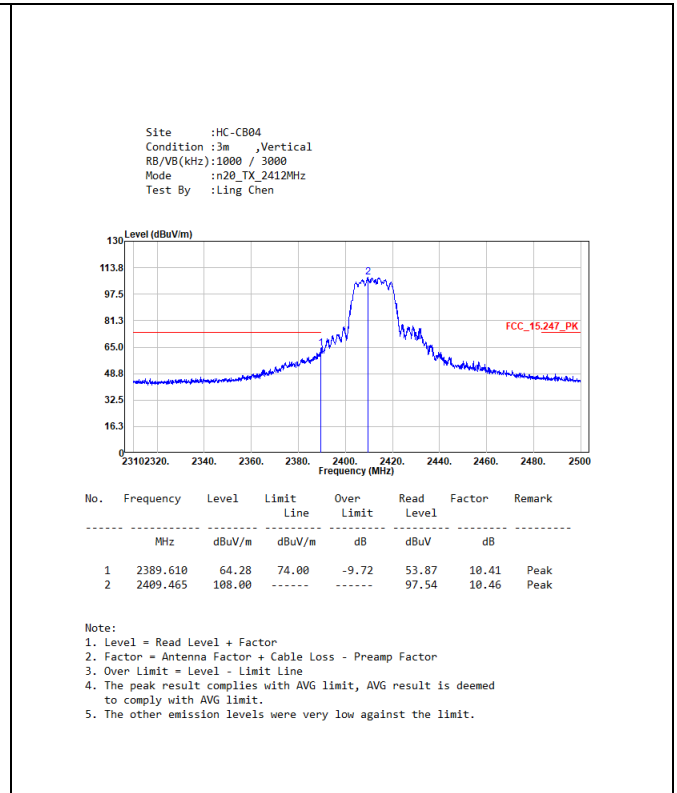
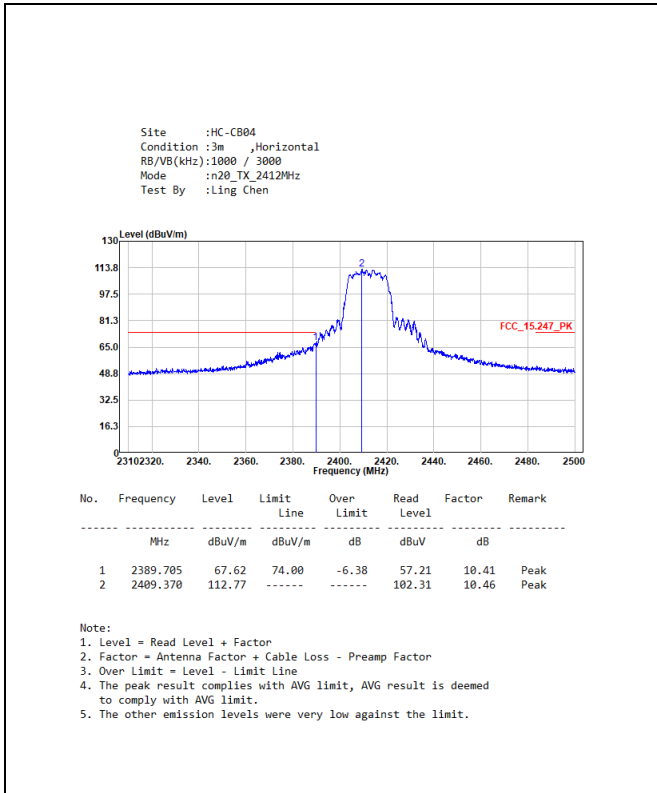
No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.705	47.32	54.00	-6.68	36.91	10.41	Average
2	2438.915	104.29	-----	-----	93.77	10.52	Average
3	2485.465	48.75	54.00	-5.25	38.10	10.65	Average

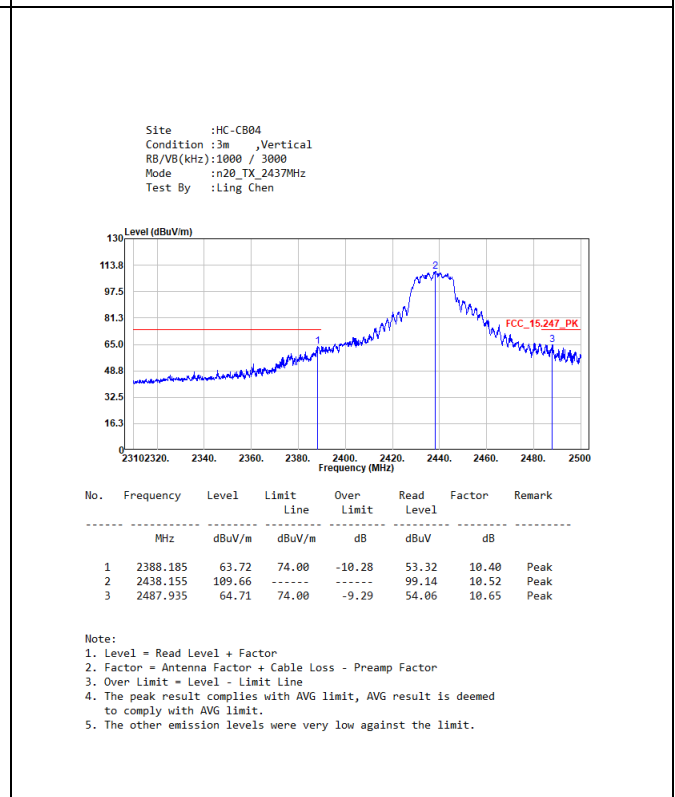
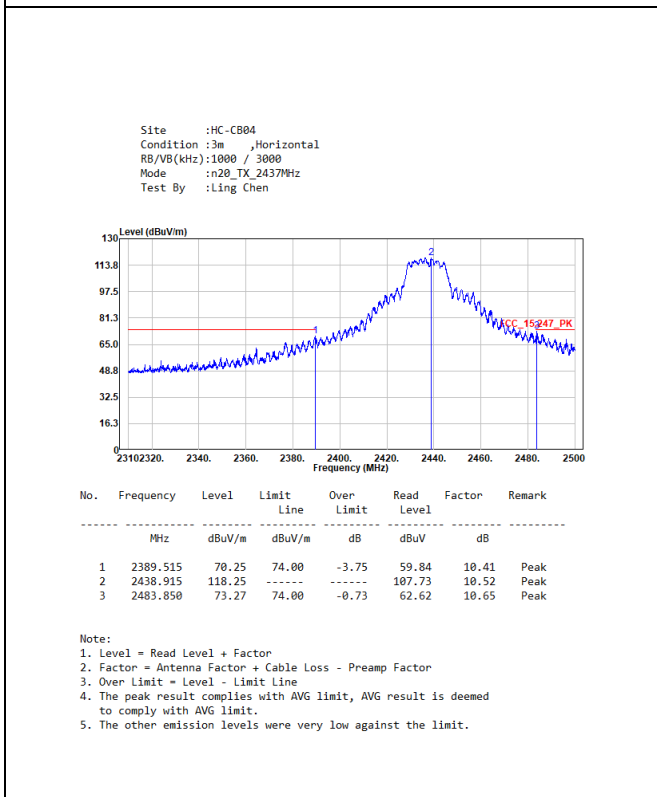
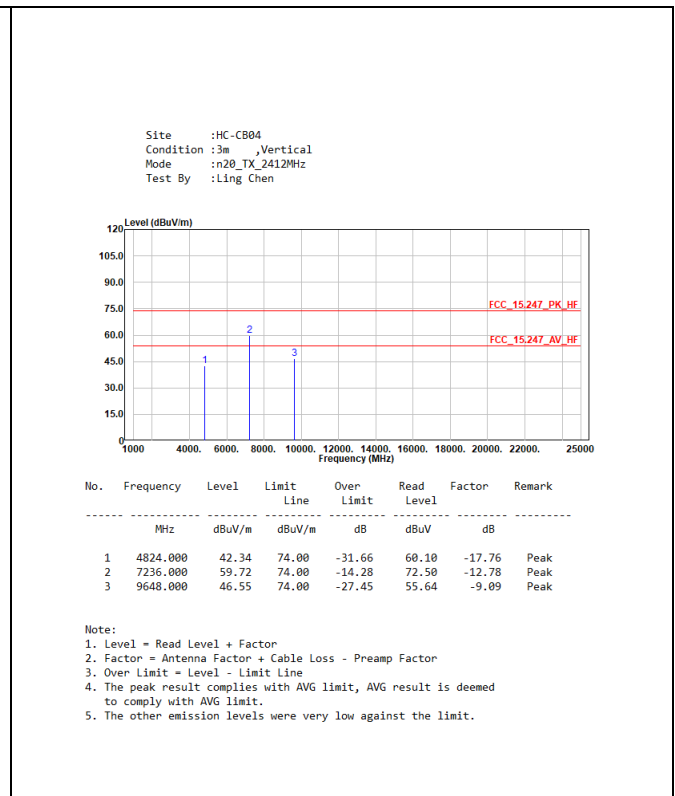
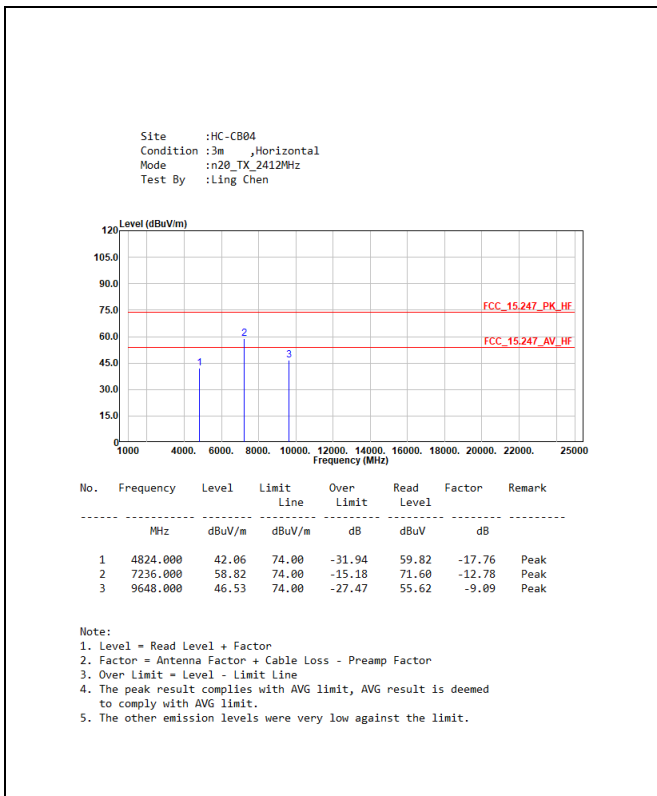
Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

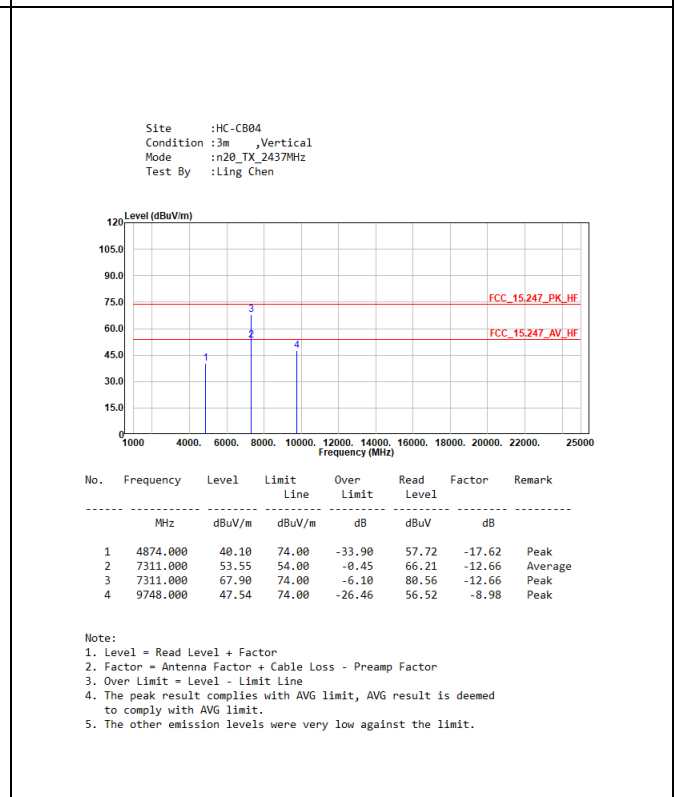
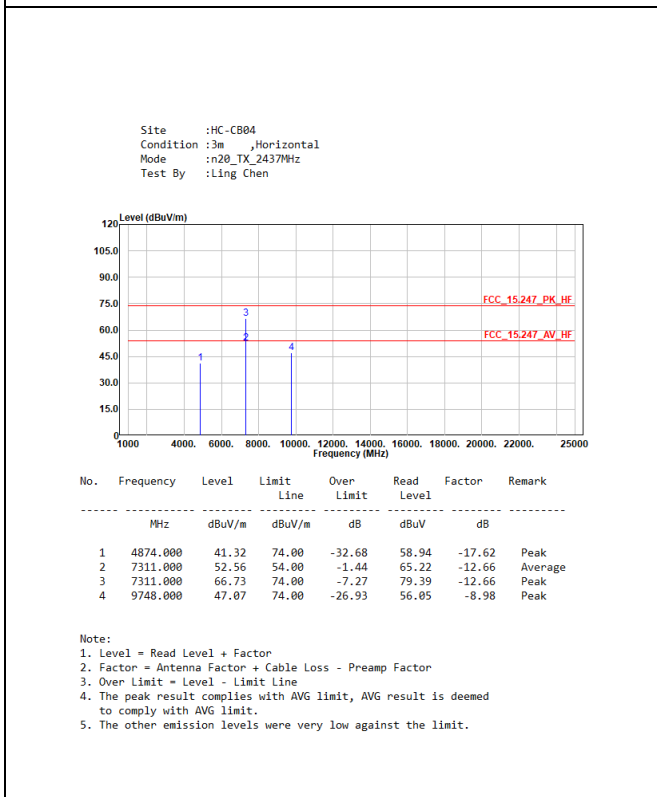
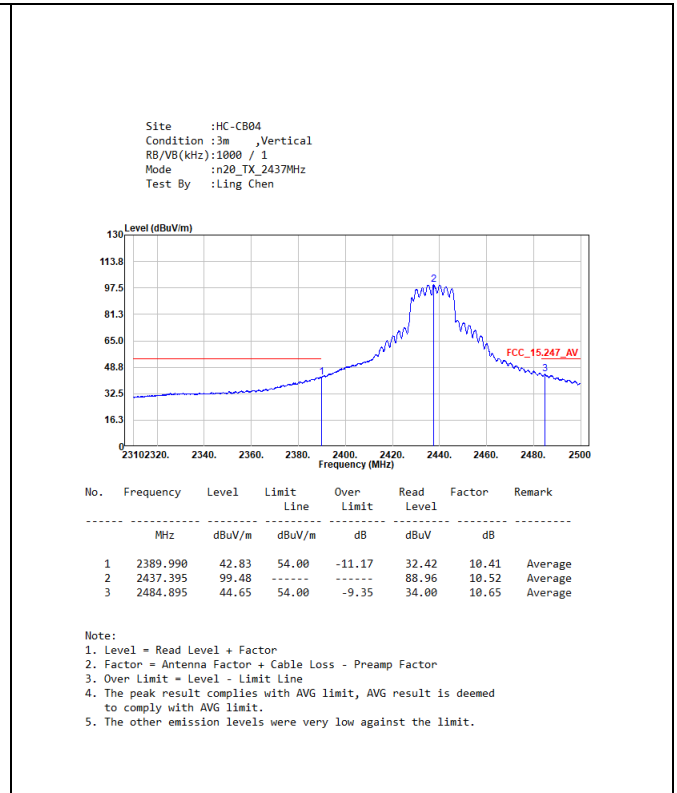
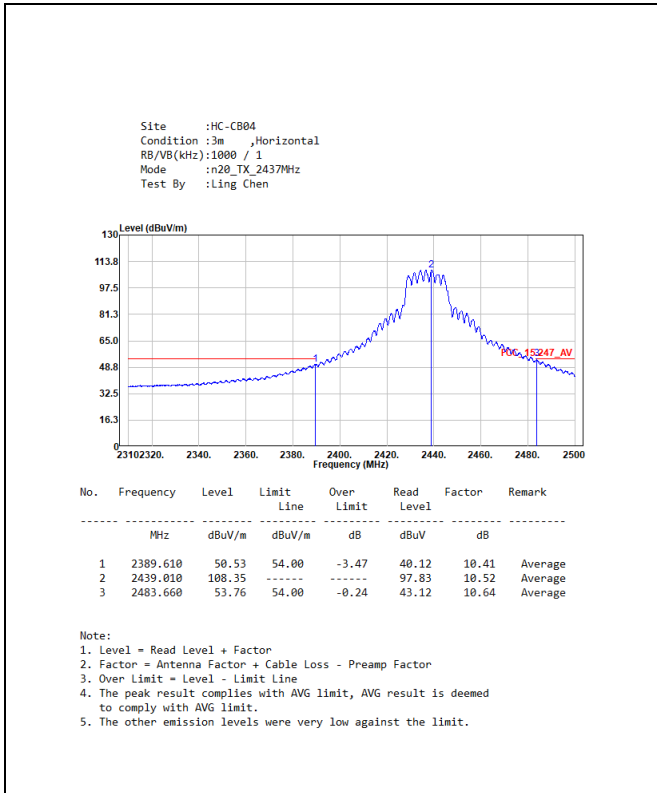


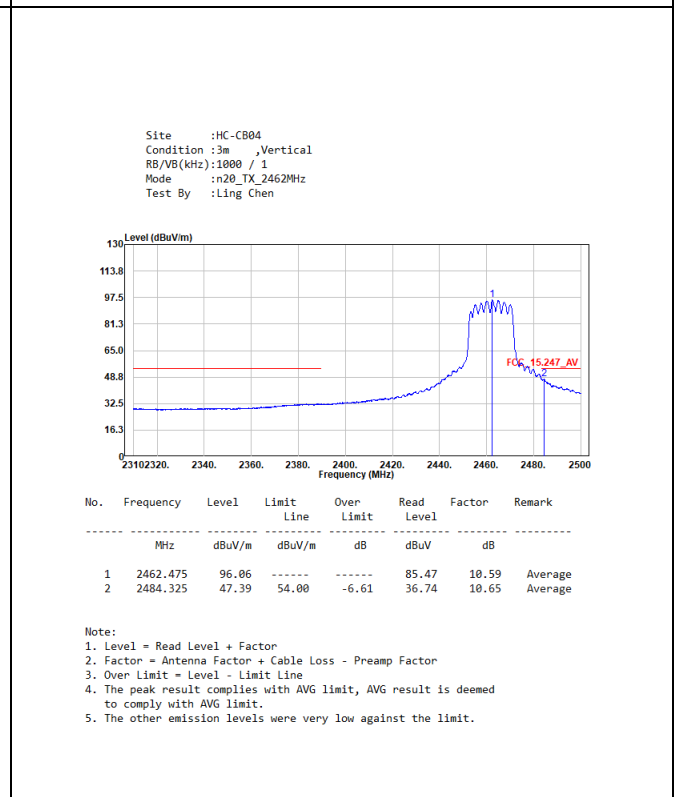
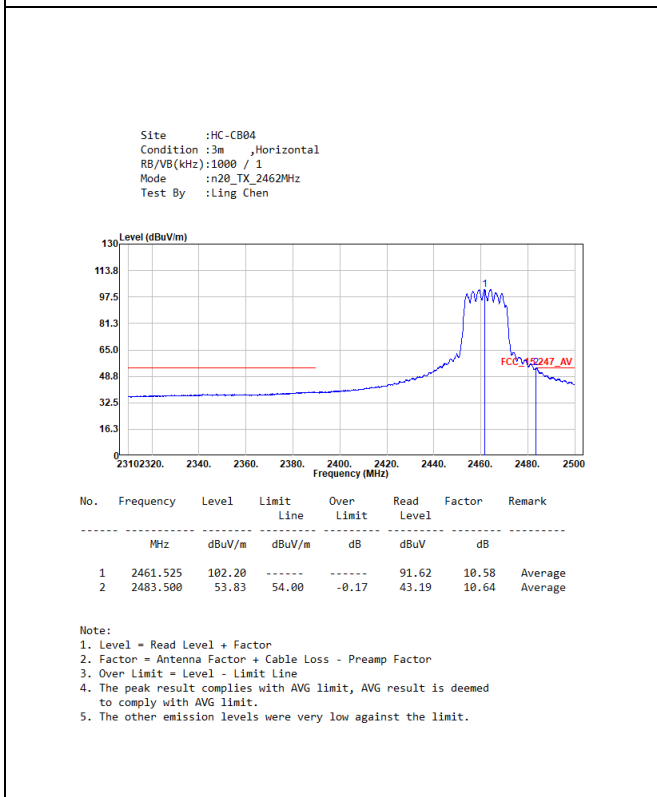
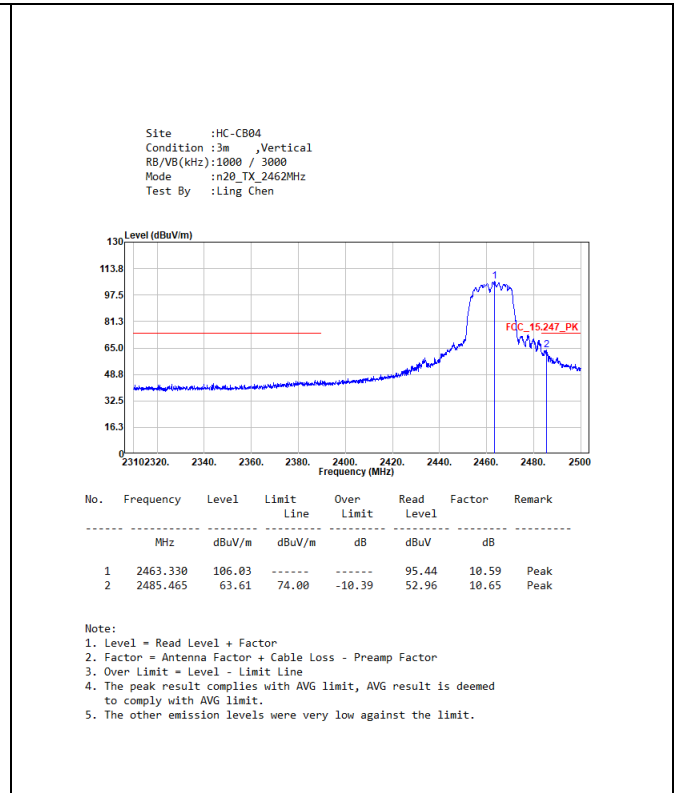
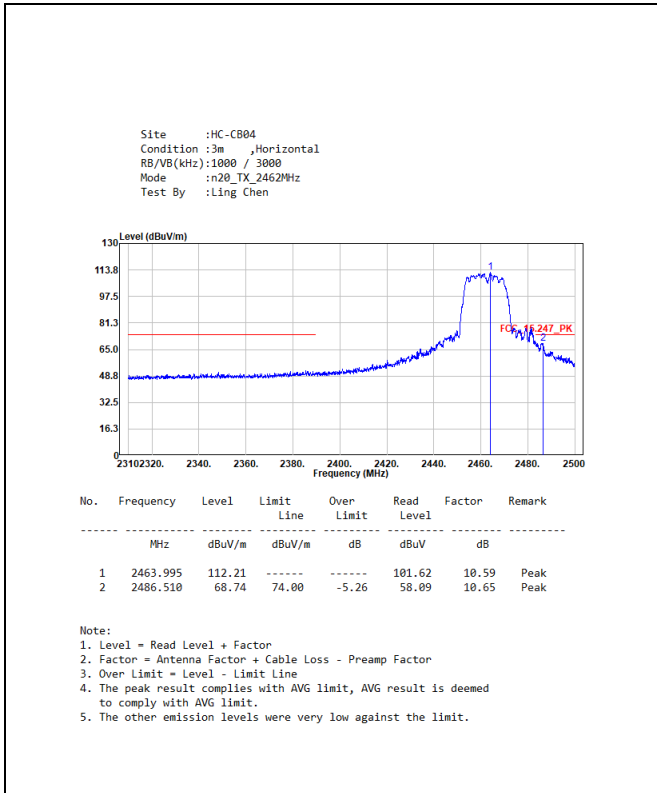




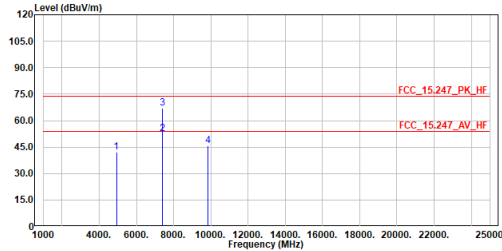








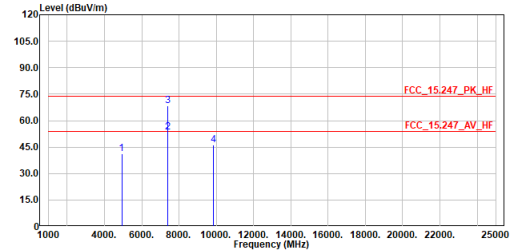
Site :HC-CB04  
 Condition :3m ,Horizontal  
 Mode :n20\_TX\_2462MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4924.000	42.22	74.00	-31.78	59.71	-17.49	Peak
2	7386.000	52.58	54.00	-1.42	65.11	-12.53	Average
3	7386.000	67.05	74.00	-6.95	79.58	-12.53	Peak
4	9848.000	45.90	74.00	-28.10	54.75	-8.85	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

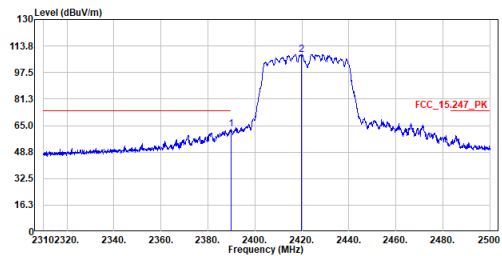
Site :HC-CB04  
 Condition :3m ,Vertical  
 Mode :n20\_TX\_2462MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4924.000	41.14	74.00	-32.86	58.63	-17.49	Peak
2	7386.000	53.59	54.00	-0.41	66.12	-12.53	Average
3	7386.000	68.58	74.00	-5.42	81.11	-12.53	Peak
4	9848.000	46.10	74.00	-27.90	54.95	-8.85	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

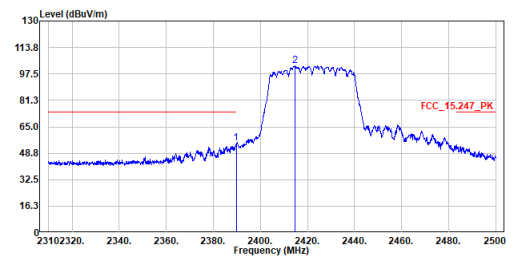
Site :HC-CB04  
 Condition :3m ,Horizontal  
 RB/VB(kHz):1000 / 3000  
 Mode :n40\_TX\_2422MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.800	62.56	74.00	-11.44	52.15	10.41	Peak
2	2419.915	108.58	-----	-----	98.09	10.49	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

Site :HC-CB04  
 Condition :3m ,Vertical  
 RB/VB(kHz):1000 / 3000  
 Mode :n40\_TX\_2422MHz  
 Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.705	54.70	74.00	-19.30	44.29	10.41	Peak
2	2414.595	102.34	-----	-----	91.87	10.47	Peak

Note:  
 1. Level = Read Level + Factor  
 2. Factor = Antenna Factor + Cable Loss - Preamp Factor  
 3. Over Limit = Level - Limit Line  
 4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.  
 5. The other emission levels were very low against the limit.

