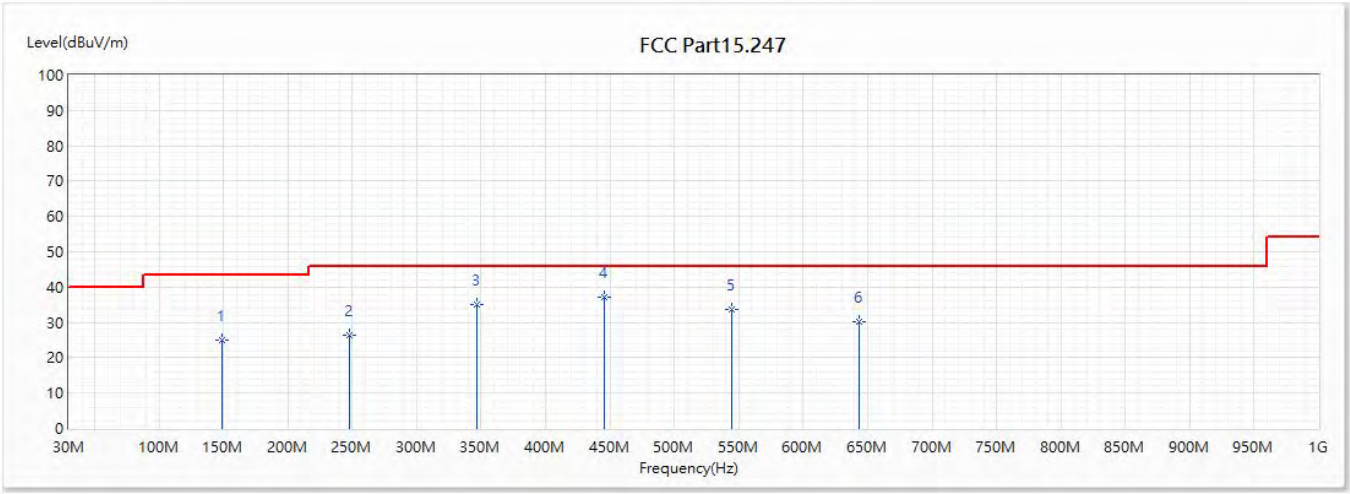
Attachment 4

➢ Co-location

30MHz-1GHz Spurious

Site :	CB4-H	Engineer :	Lion
Model No :	CV90-JE103	Test Date :	2019/4/13
Test Voltage :	DC 12V	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode		
Note :	WCDMA+WIFI_5G		

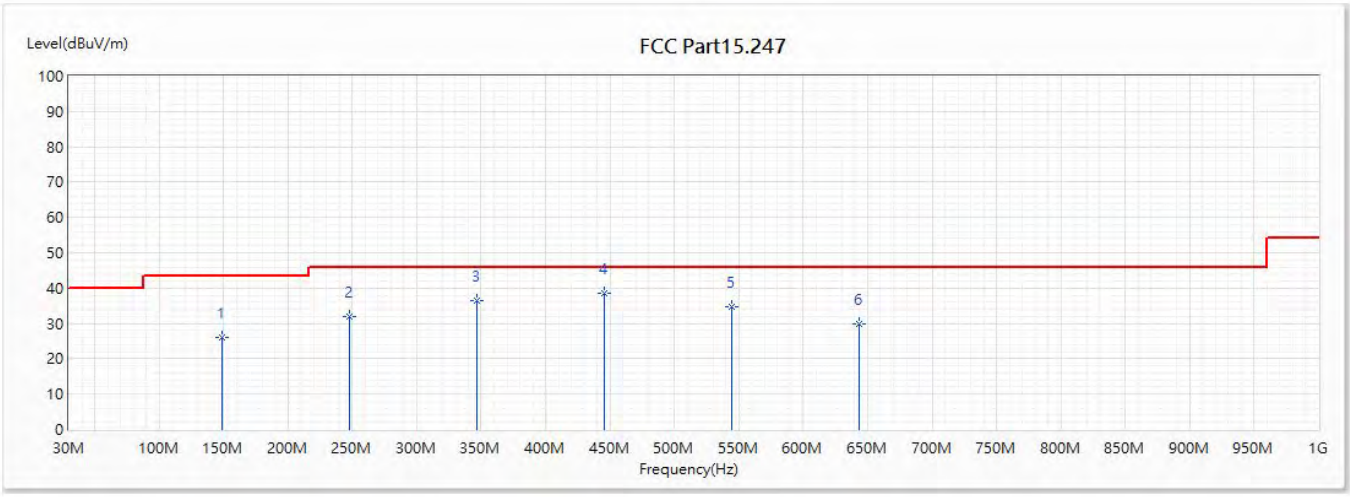


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	148.437	24.92	43.50	-18.58	46.56	-21.64	QP
2	247.474	26.43	46.00	-19.57	46.40	-19.97	QP
3	346.511	34.92	46.00	-11.08	52.19	-17.27	QP
* 4	445.548	37.12	46.00	-8.88	51.75	-14.63	QP
5	544.488	33.71	46.00	-12.29	46.81	-13.10	QP
6	643.525	30.32	46.00	-15.68	42.42	-12.10	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Site :	CB4-H	Engineer :	Lion
Model No :	CV90-JE103	Test Date :	2019/4/13
Test Voltage :	DC 12V	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode		
Note :	WCDMA+WIFI_5G		

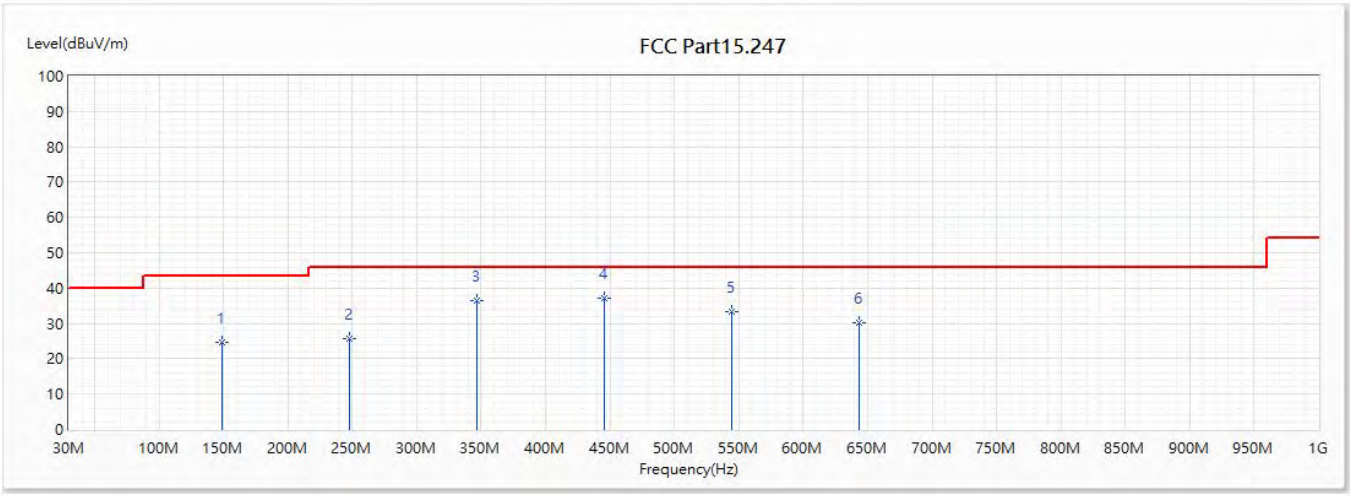


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	148.534	25.89	43.50	-17.61	47.53	-21.64	QP
2	247.474	31.79	46.00	-14.21	51.76	-19.97	QP
3	346.511	36.35	46.00	-9.65	53.62	-17.27	QP
* 4	445.548	38.54	46.00	-7.46	53.17	-14.63	QP
5	544.488	34.83	46.00	-11.17	47.93	-13.10	QP
6	643.525	29.70	46.00	-16.30	41.80	-12.10	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Site :	CB4-H	Engineer :	Lion
Model No :	CV90-JE103	Test Date :	2019/4/13
Test Voltage :	DC 12V	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode		
Note :	LTE+WIFI_5G		

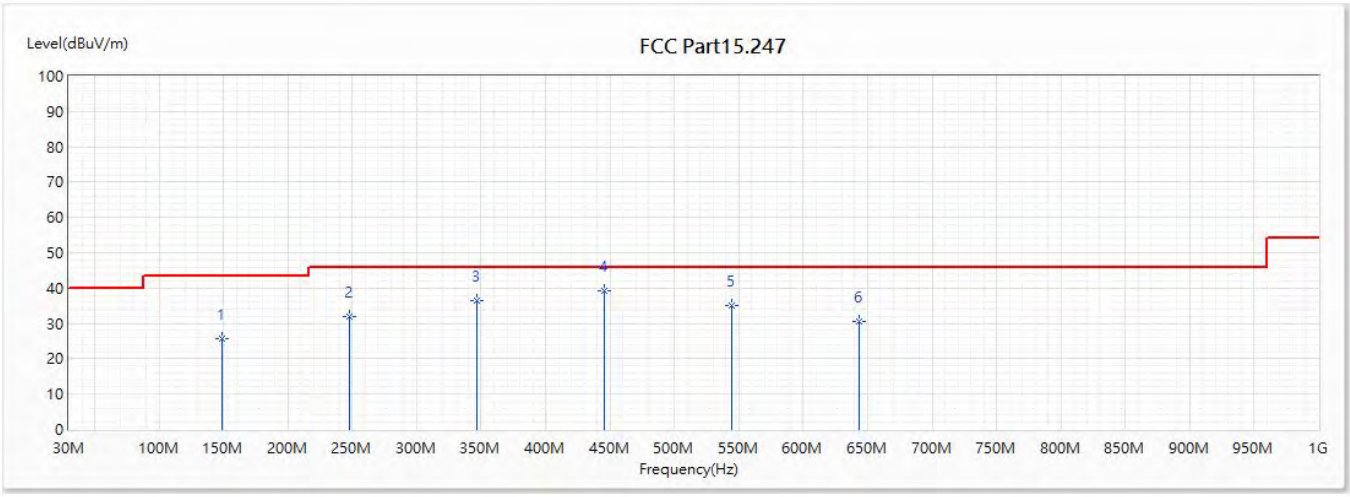


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	148.534	24.76	43.50	-18.74	46.40	-21.64	QP
2	247.474	25.77	46.00	-20.23	45.74	-19.97	QP
3	346.511	36.32	46.00	-9.68	53.59	-17.27	QP
* 4	445.548	37.00	46.00	-9.00	51.63	-14.63	QP
5	544.488	33.43	46.00	-12.57	46.53	-13.10	QP
6	643.525	30.38	46.00	-15.62	42.48	-12.10	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Site :	CB4-H	Engineer :	Lion
Model No :	CV90-JE103	Test Date :	2019/4/13
Test Voltage :	DC 12V	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode		
Note :	LTE+WIFI_5G		



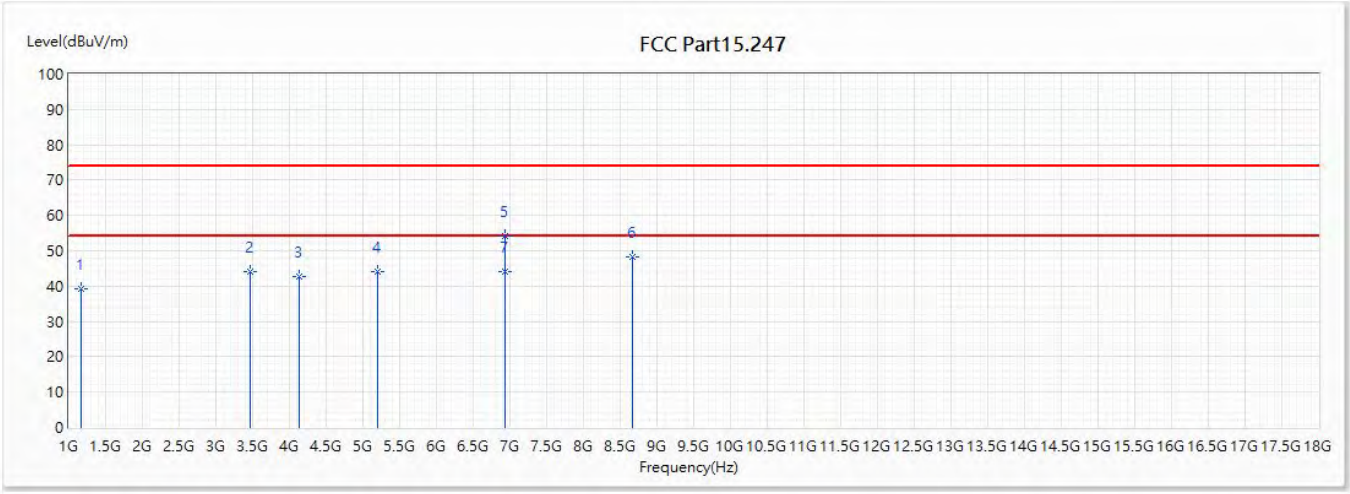
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	148.534	25.71	43.50	-17.79	47.35	-21.64	QP
2	247.474	31.84	46.00	-14.16	51.81	-19.97	QP
3	346.511	36.43	46.00	-9.57	53.70	-17.27	QP
* 4	445.548	39.32	46.00	-6.68	53.95	-14.63	QP
5	544.488	34.98	46.00	-11.02	48.08	-13.10	QP
6	643.525	30.71	46.00	-15.29	42.81	-12.10	QP

Note:

1. All reading levels is Quasi-Peak value.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor
4. The emission under 30MHz were not included is because their levels are lower than 20dB from limit.

Harmonic & Spurious:

Site :	CB4-H	Engineer :	Lion
Model No :	CV90-JE103	Test Date :	2019/4/13
Test Voltage :	DC 12V	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode		
Note :	WCDMA+WIFI_5G		

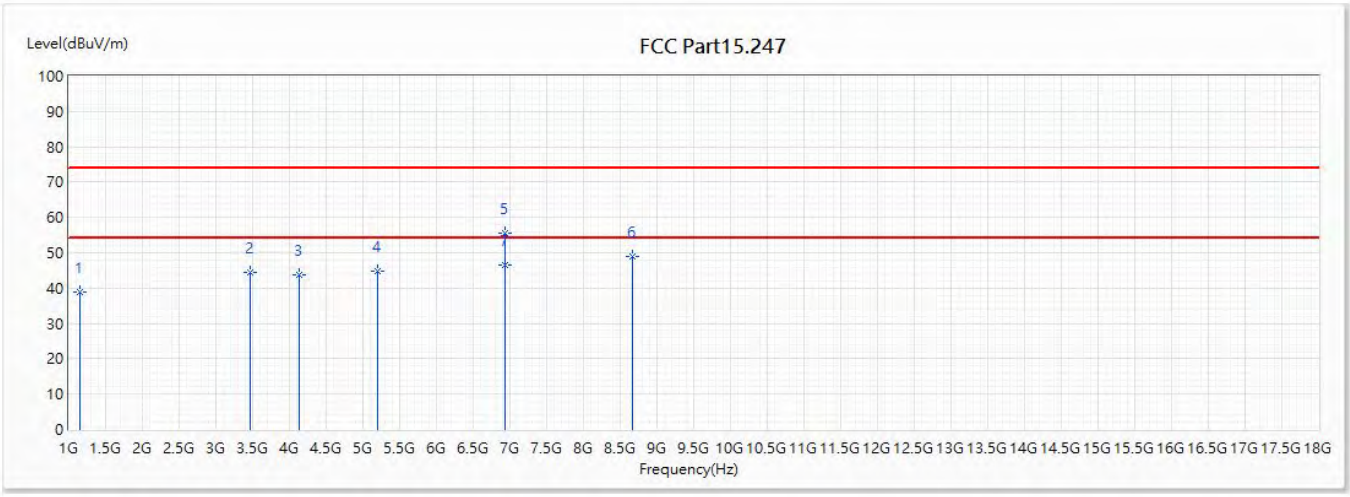


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	1163.2	39.21	74.00	-34.79	43.43	-4.22	PK
2	3465.2	44.02	74.00	-29.98	39.22	4.80	PK
3	4131.4	42.70	74.00	-31.30	34.80	7.90	PK
4	5197.8	44.02	74.00	-29.98	33.17	10.85	PK
5	6930.4	54.11	74.00	-19.89	38.61	15.50	PK
6	8663	48.24	74.00	-25.76	30.02	18.22	PK
* 7	6930.4	44.11	54.00	-9.89	28.61	15.50	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 13GHz were not included is because their levels are lower than 20dB form limit.

Site :	CB4-H	Engineer :	Lion
Model No :	CV90-JE103	Test Date :	2019/4/13
Test Voltage :	DC 12V	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode		
Note :	WCDMA+WIFI_5G		

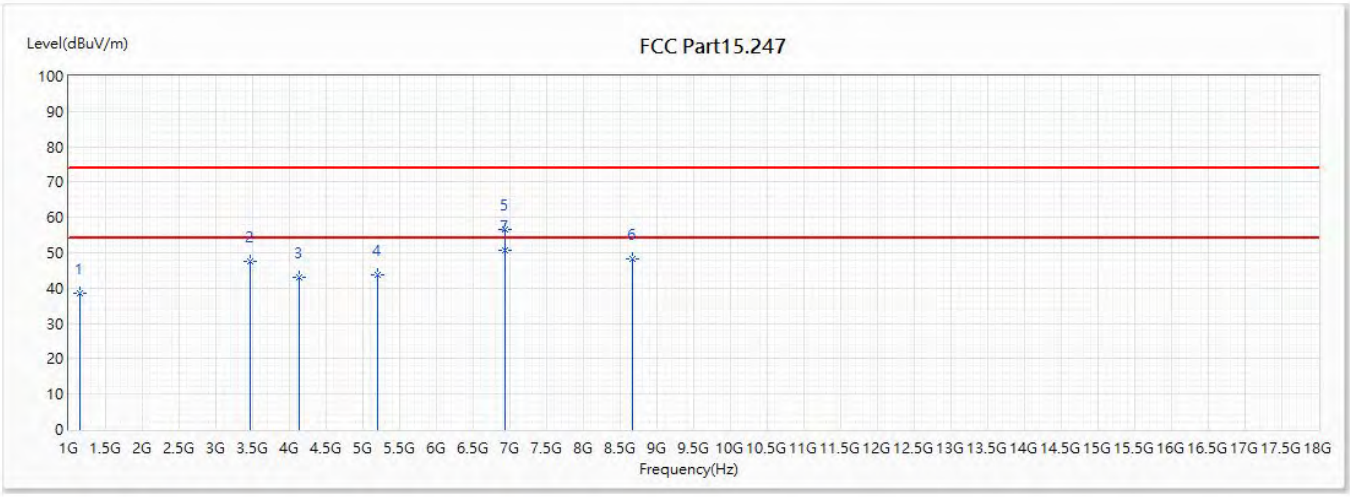


No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	1156.4	38.89	74.00	-35.11	43.15	-4.26	PK
2	3465.2	44.50	74.00	-29.50	39.70	4.80	PK
3	4131.4	43.90	74.00	-30.10	36.00	7.90	PK
4	5197.8	44.75	74.00	-29.25	33.90	10.85	PK
5	6930.4	55.55	74.00	-18.45	40.05	15.50	PK
6	8663	48.80	74.00	-25.20	30.58	18.22	PK
* 7	6930.4	46.55	54.00	-7.45	31.05	15.50	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 13GHz were not included is because their levels are lower than 20dB form limit.

Site :	CB4-H	Engineer :	Lion
Model No :	CV90-JE103	Test Date :	2019/4/13
Test Voltage :	DC 12V	Polarity :	Horizontal
Test Mode :	Mode 1: Transmit Mode		
Note :	LTE+WIFI_5G		



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	1149.6	38.53	74.00	-35.47	42.84	-4.31	PK
2	3465	47.41	74.00	-26.59	42.61	4.80	PK
3	4131.4	42.97	74.00	-31.03	35.07	7.90	PK
4	5197.5	43.59	74.00	-30.41	32.74	10.85	PK
5	6930	56.48	74.00	-17.52	40.99	15.49	PK
6	8662.5	48.15	74.00	-25.85	29.93	18.22	PK
* 7	6930	50.62	54.00	-3.38	35.13	15.49	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 13GHz were not included is because their levels are lower than 20dB form limit.

Site :	CB4-H	Engineer :	Lion
Model No :	CV90-JE103	Test Date :	2019/4/13
Test Voltage :	DC 12V	Polarity :	Vertical
Test Mode :	Mode 1: Transmit Mode		
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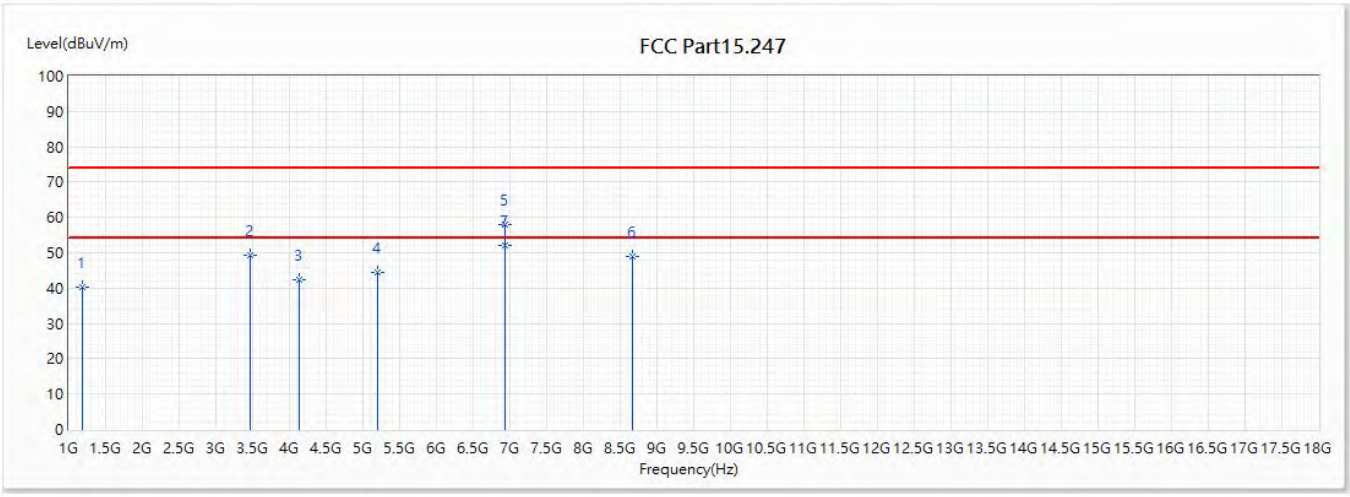

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	1175.1	40.27	74.00	-33.73	44.42	-4.15	PK
2	3465	49.29	74.00	-24.71	44.49	4.80	PK
3	4131.4	42.22	74.00	-31.78	34.32	7.90	PK
4	5197.5	44.29	74.00	-29.71	33.44	10.85	PK
5	6930	57.94	74.00	-16.06	42.45	15.49	PK
6	8662.5	49.01	74.00	-24.99	30.79	18.22	PK
* 7	6930	52.07	54.00	-1.93	36.58	15.49	AV

Note:

1. All reading above 1GHz is performed with peak and/or average measurements as necessary.
2. “ * ”, means this data is the worst value.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission above 13GHz were not included is because their levels are lower than 20dB form limit.