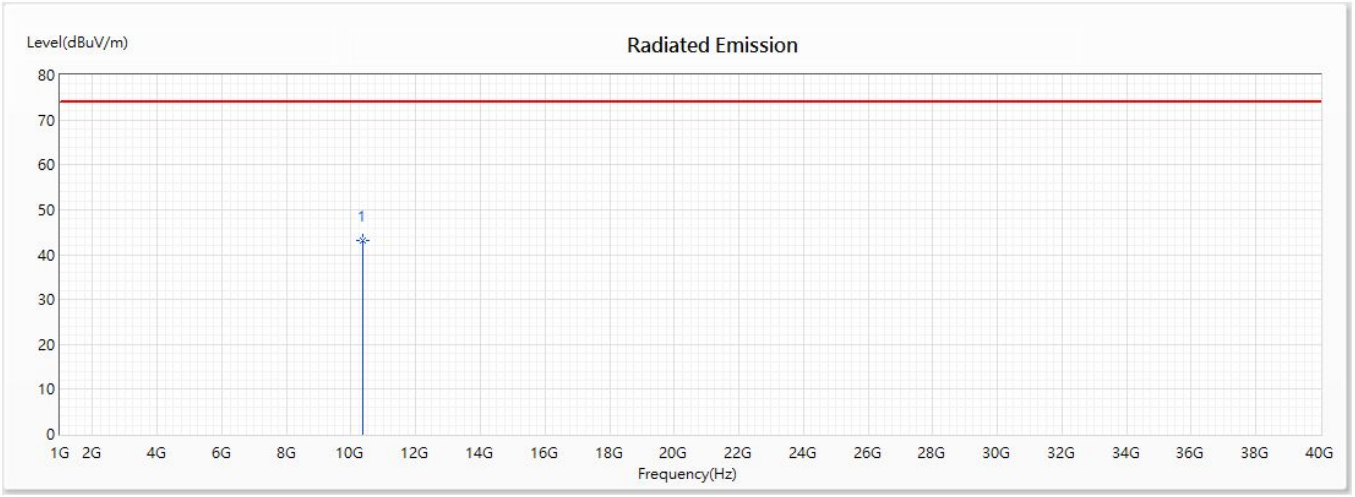
Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5190MHz)
Test Date	:	2020/10/06

Vertical



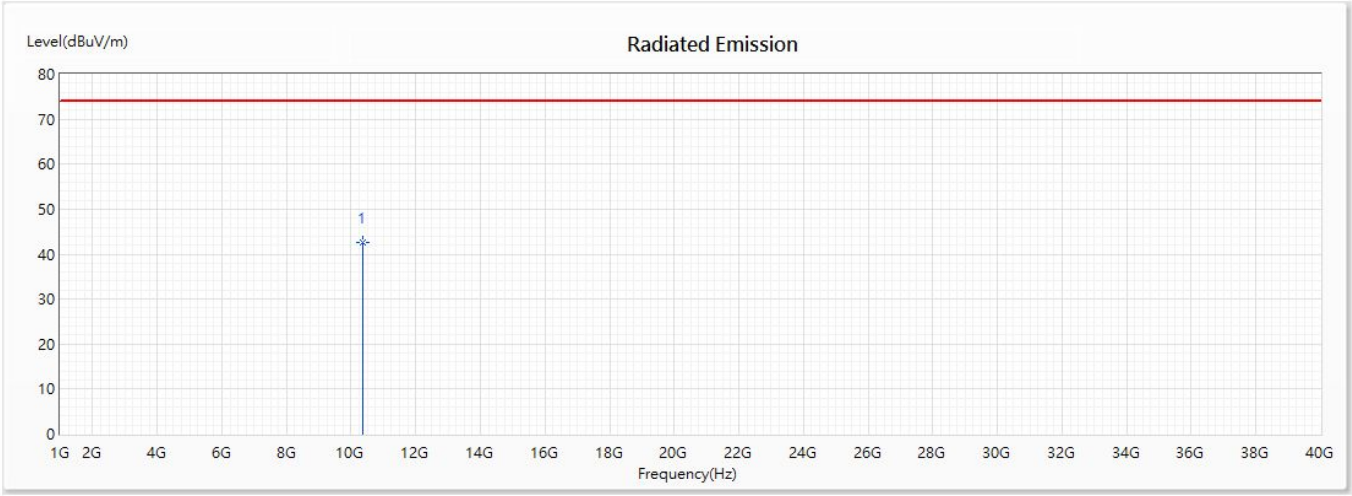
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	10380	43.14	74.00	-30.86	52.77	-9.63	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5230MHz)
Test Date	:	2020/10/06

Horizontal



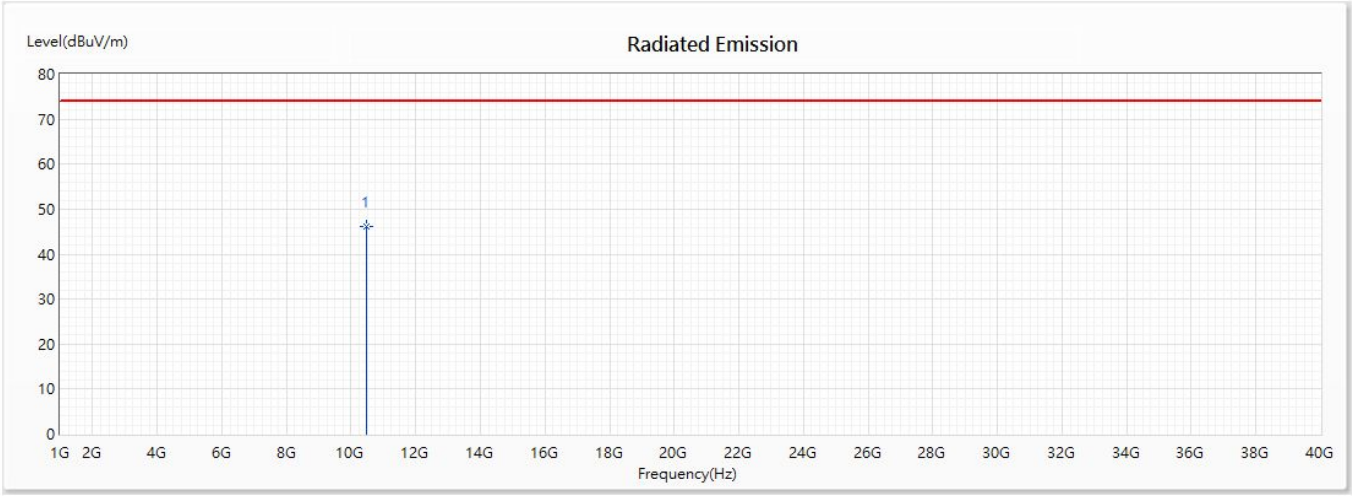
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	10380	42.58	74.00	-31.42	52.21	-9.63	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5230MHz)
Test Date	:	2020/10/06

Vertical



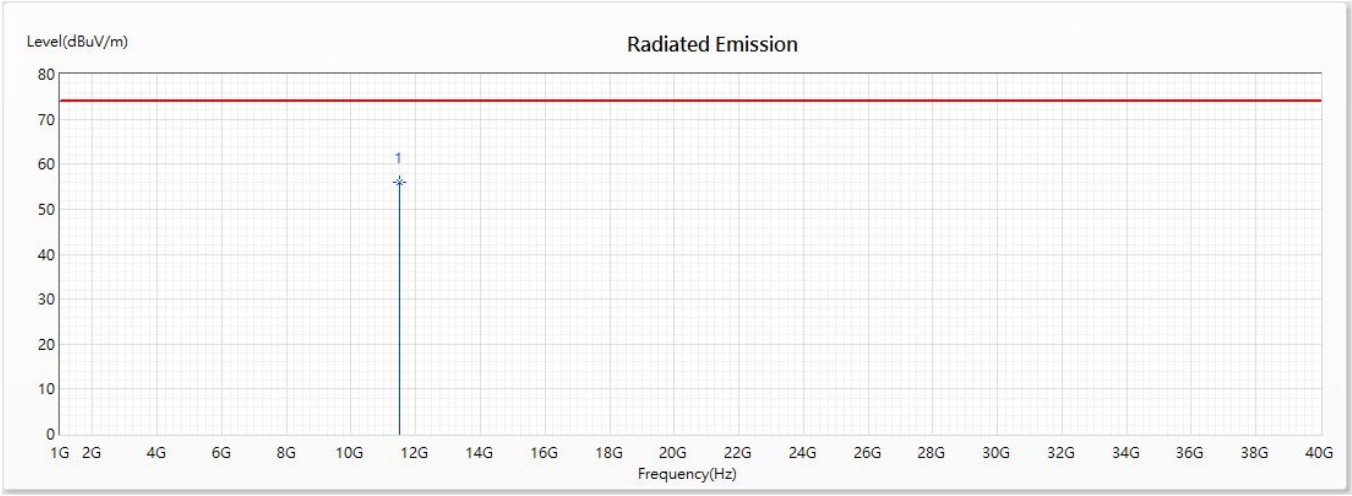
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	10460	46.11	74.00	-27.89	55.24	-9.13	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5755MHz)
Test Date	:	2020/10/06

Horizontal



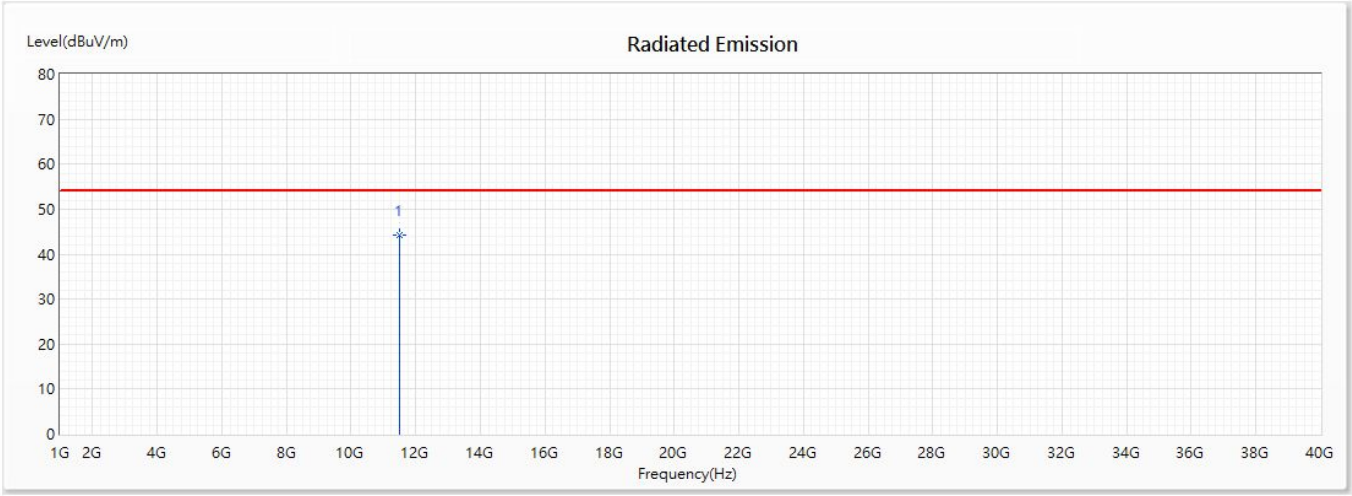
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	11510	55.95	74.00	-18.05	62.62	-6.67	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5755MHz)
Test Date	:	2020/10/06

Horizontal



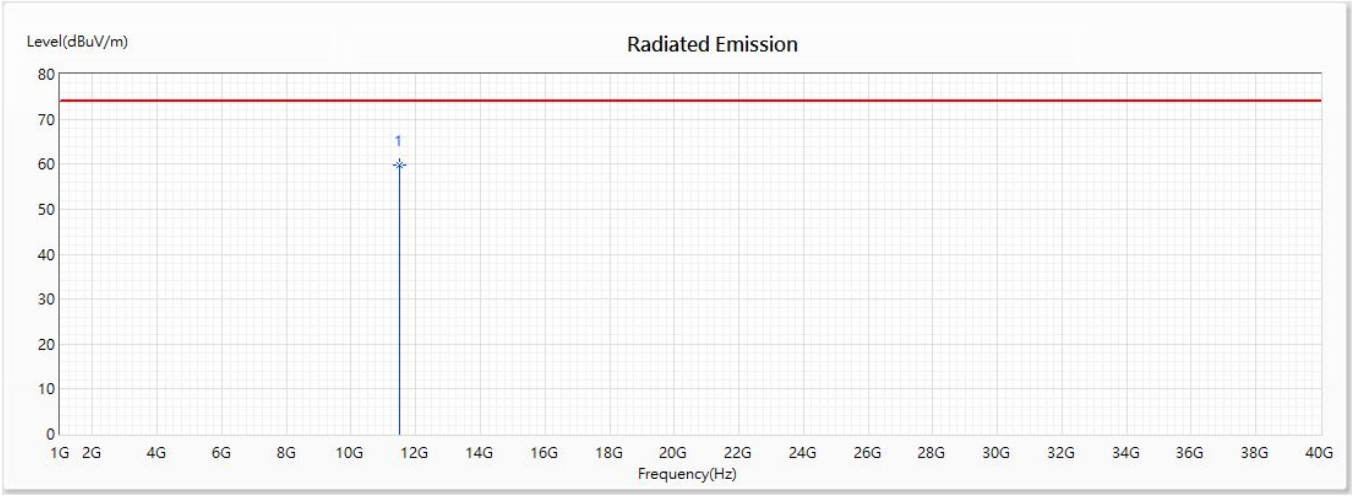
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	11510	44.25	54.00	-9.75	50.92	-6.67	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5755MHz)
Test Date	:	2020/10/06

Vertical



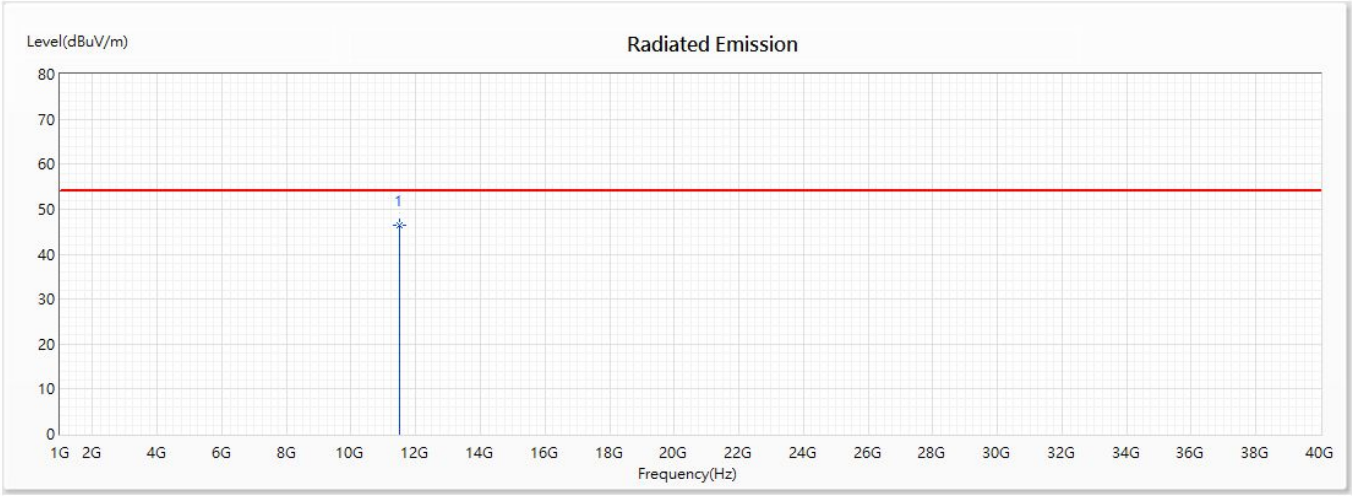
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	11510	59.73	74.00	-14.27	66.40	-6.67	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5755MHz)
Test Date	:	2020/10/06

Vertical



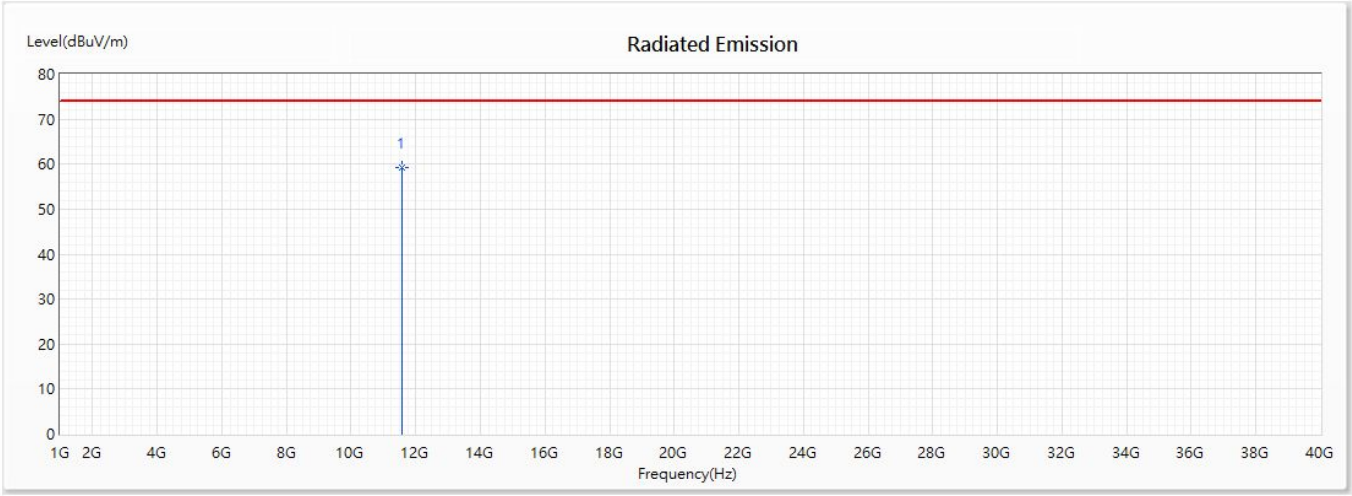
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	11510	46.54	54.00	-7.46	53.21	-6.67	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5795MHz)
Test Date	:	2020/10/06

Horizontal



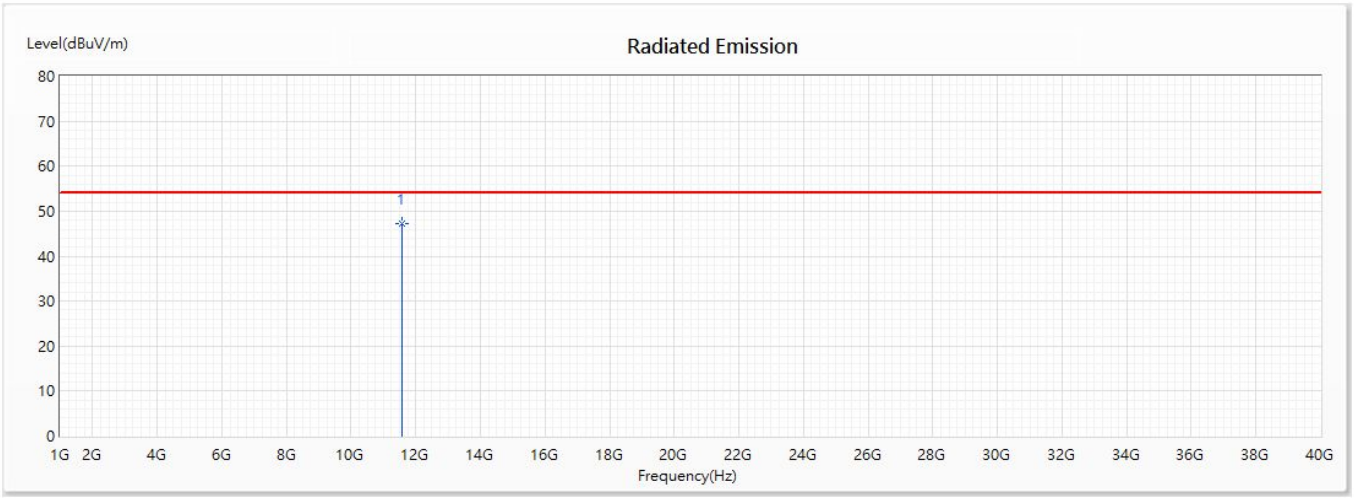
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	11590	59.28	74.00	-14.72	65.93	-6.65	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5795MHz)
Test Date	:	2020/10/06

Horizontal



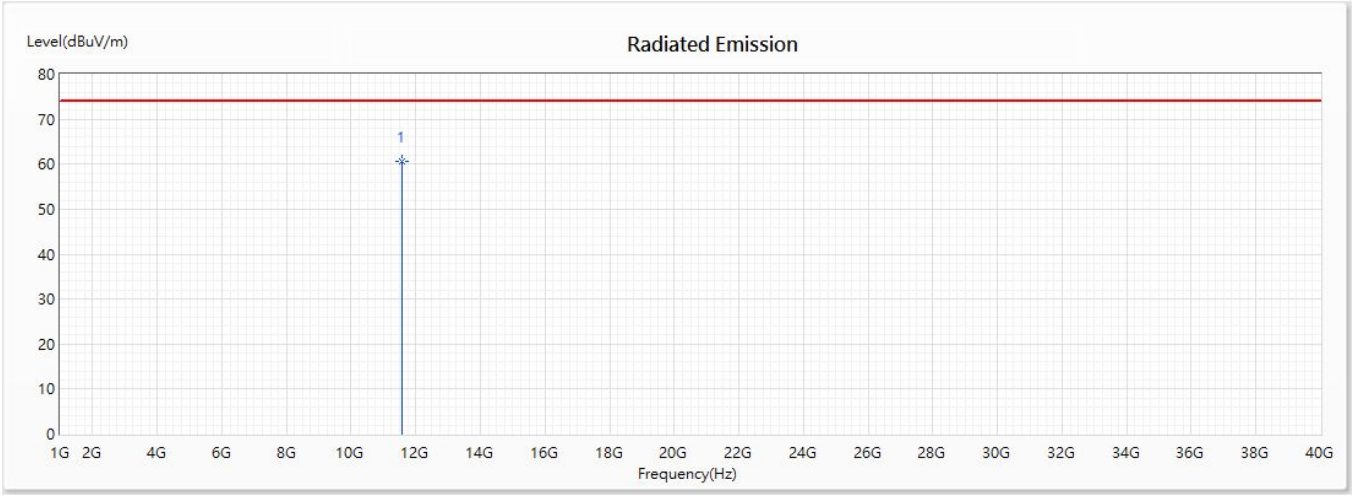
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	11590	47.35	54.00	-6.65	54.00	-6.65	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5795MHz)
Test Date	:	2020/10/06

Vertical



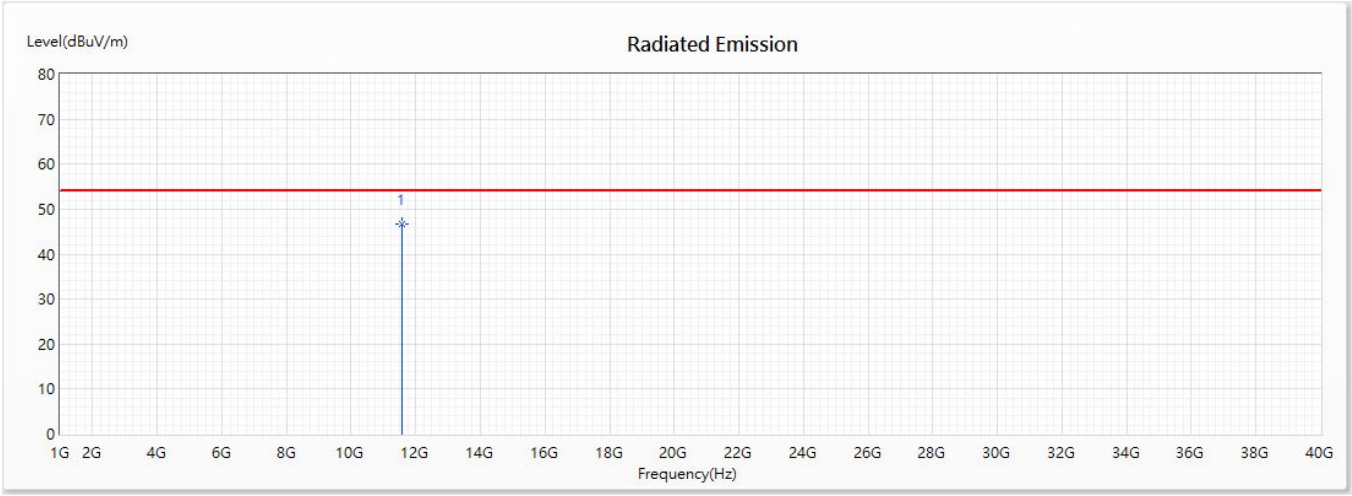
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	11590	60.63	74.00	-13.37	67.28	-6.65	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5795MHz)
Test Date	:	2020/10/06

Vertical



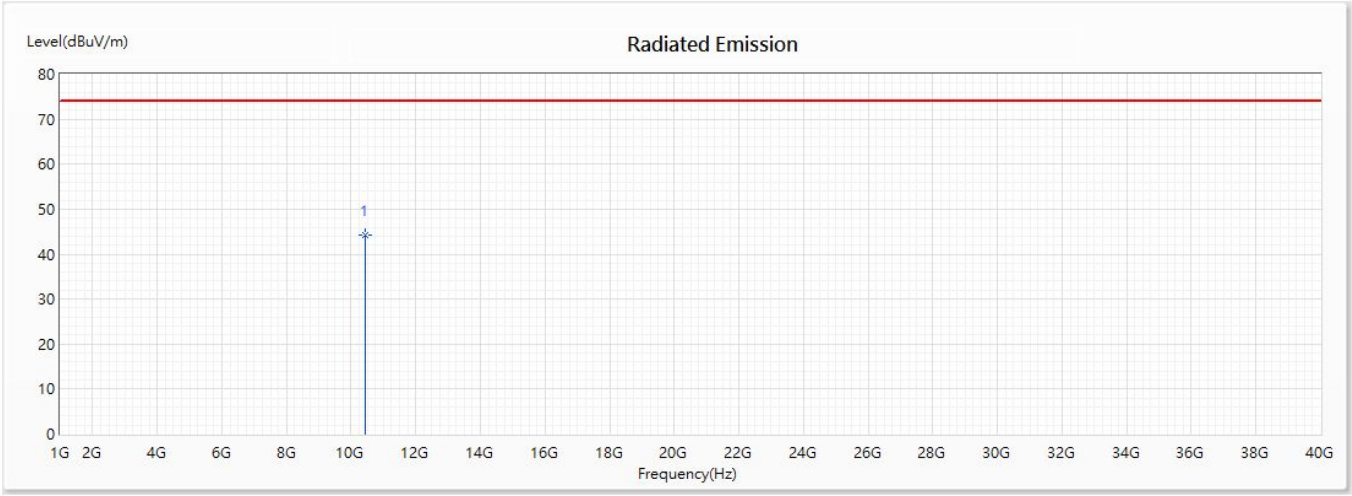
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	11590	46.63	54.00	-7.37	53.28	-6.65	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5210MHz)
Test Date	:	2020/10/06

Horizontal



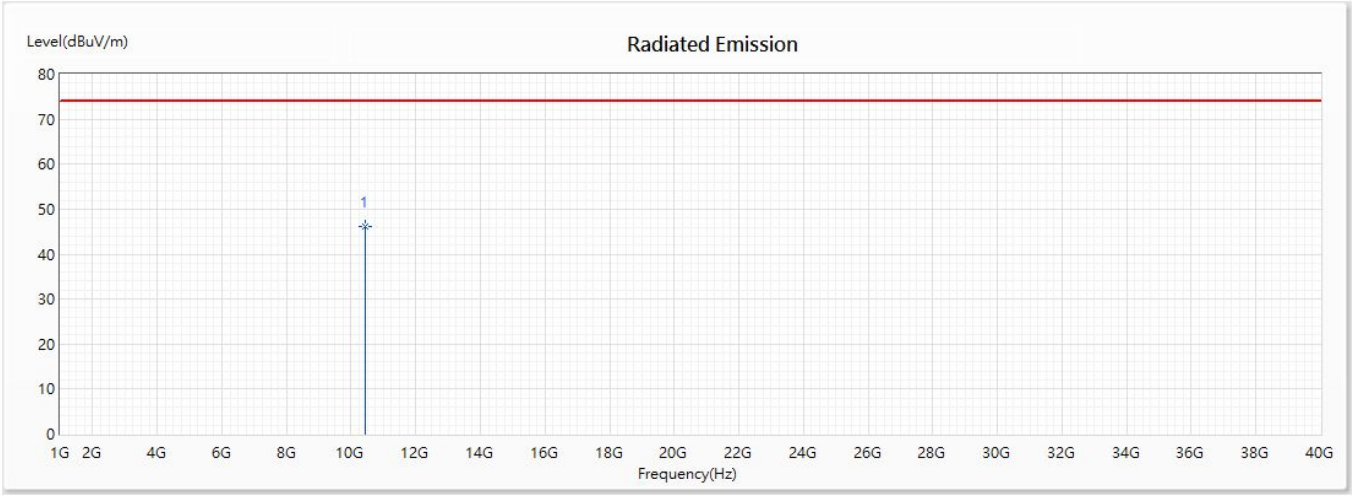
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	10420	44.23	74.00	-29.77	53.63	-9.40	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5210MHz)
Test Date	:	2020/10/06

Vertical



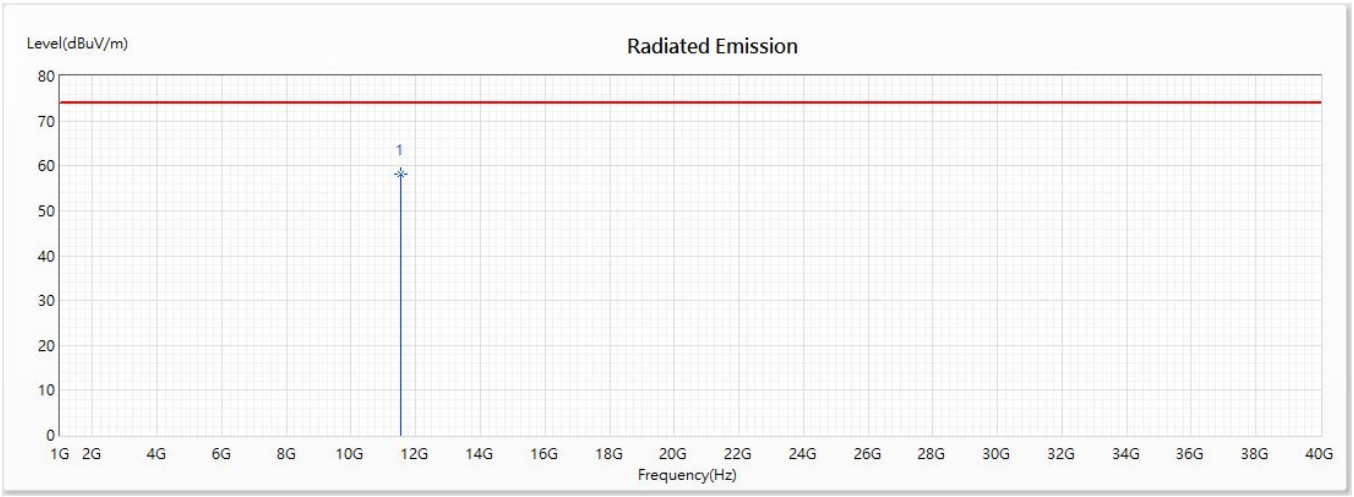
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	10420	46.14	74.00	-27.86	55.54	-9.40	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5775MHz)
Test Date	:	2020/10/06

Horizontal



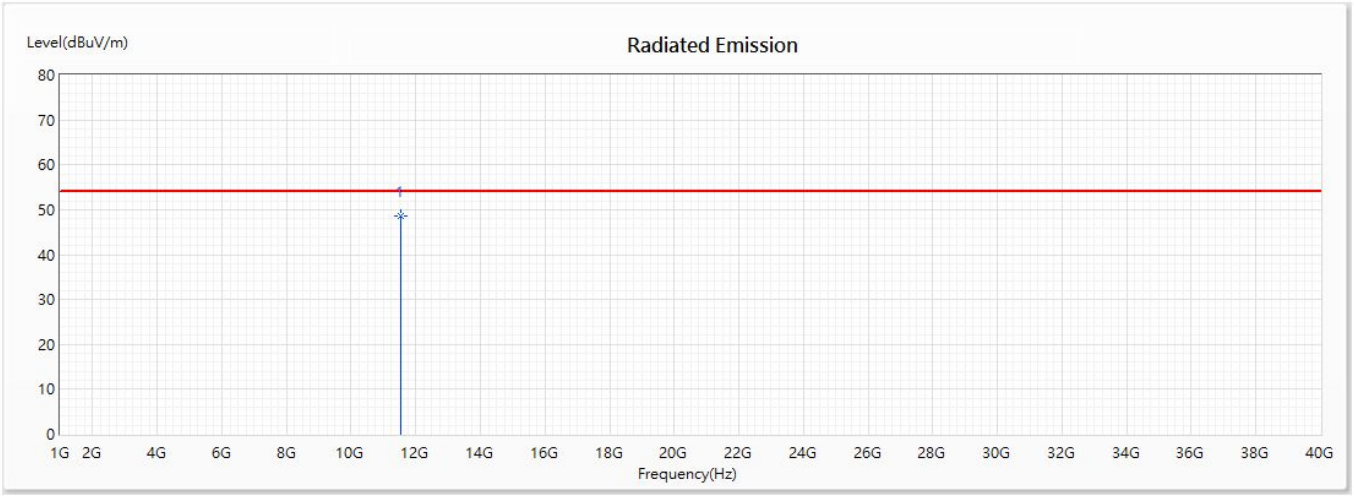
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	11550	58.13	74.00	-15.87	64.79	-6.66	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5775MHz)
Test Date	:	2020/10/06

Horizontal



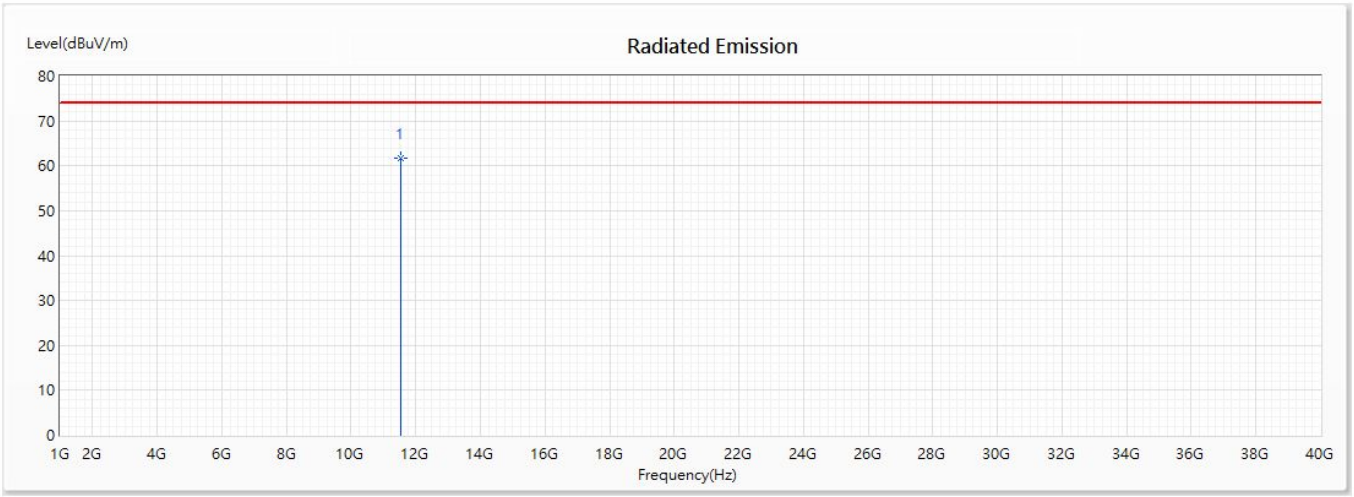
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	11550	48.66	54.00	-5.34	55.32	-6.66	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5775MHz)
Test Date	:	2020/10/06

Vertical



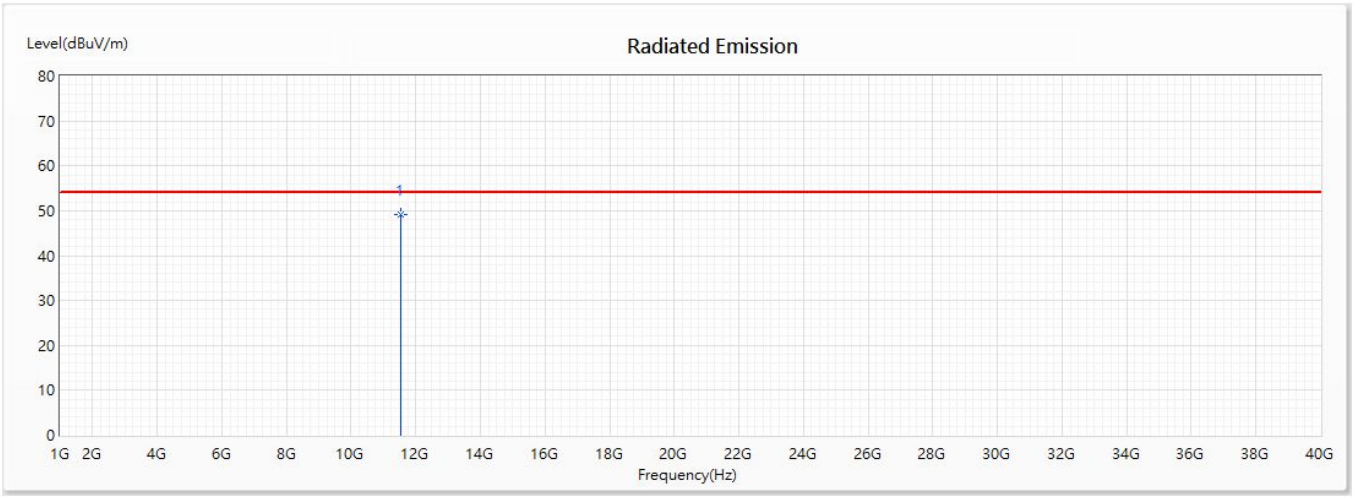
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	11550	61.75	74.00	-12.25	68.41	-6.66	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Harmonic Radiated Emission Data
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5775MHz)
Test Date	:	2020/10/06

Vertical



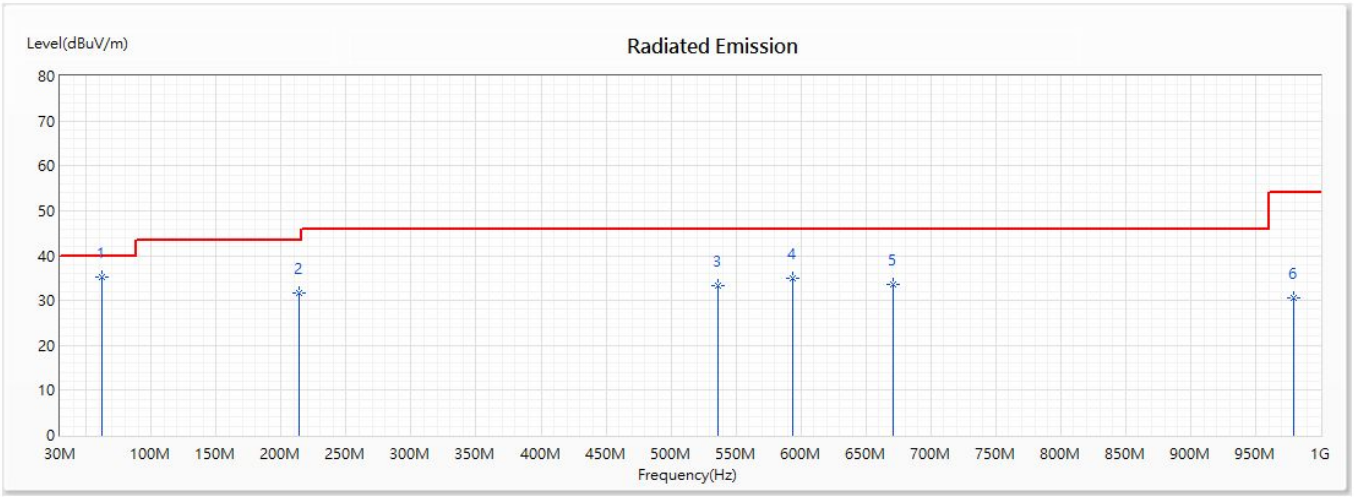
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	11550	49.25	54.00	-4.75	55.91	-6.66	AV

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 1: Transmit (802.11a) (5220MHz)
Test Date	:	2020/10/06

Horizontal



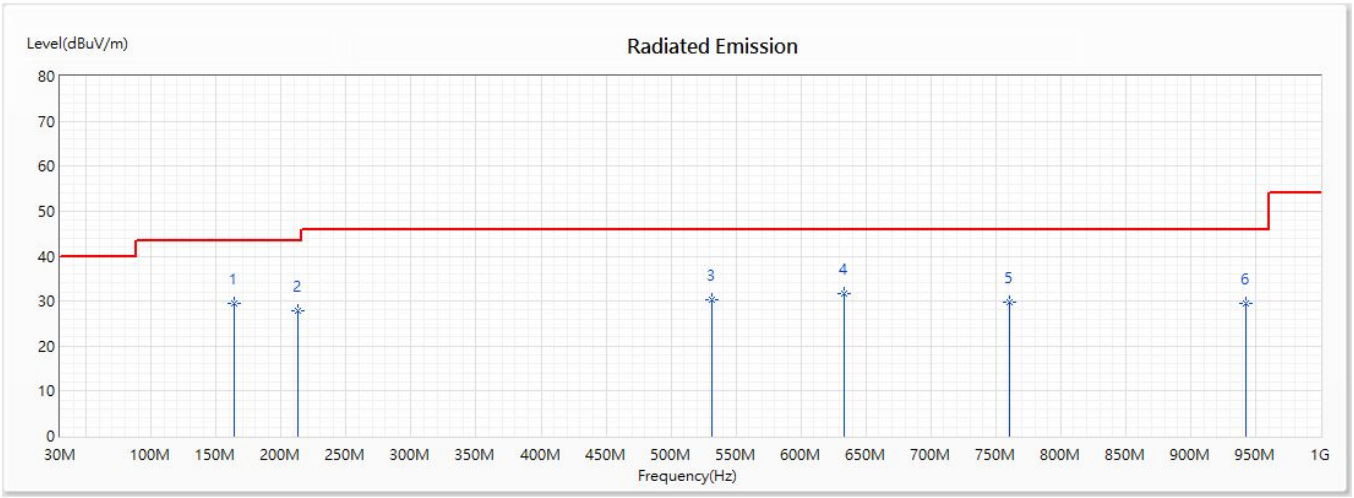
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	62.333	35.34	40.00	-4.66	48.92	-13.58	QP
2	214.159	31.75	43.50	-11.75	42.81	-11.06	QP
3	536.087	33.20	46.00	-12.80	35.68	-2.48	QP
4	593.725	34.96	46.00	-11.04	36.88	-1.92	QP
5	671.043	33.70	46.00	-12.30	35.25	-1.55	QP
6	978.913	30.55	54.00	-23.45	30.98	-0.43	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 1: Transmit (802.11a) (5220MHz)
Test Date	:	2020/10/06

Vertical



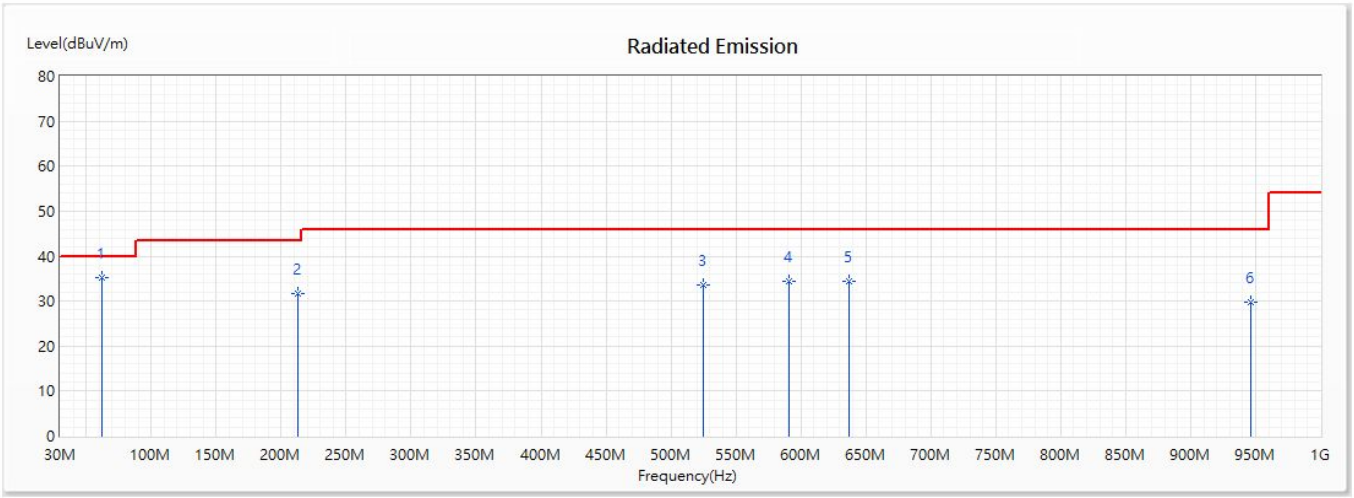
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	163.551	29.59	43.50	-13.91	43.16	-13.57	QP
2	212.754	27.76	43.50	-15.74	38.95	-11.19	QP
3	531.87	30.21	46.00	-15.79	32.82	-2.61	QP
4	633.087	31.61	46.00	-14.39	32.85	-1.24	QP
5	761.014	29.88	46.00	-16.12	31.04	-1.16	QP
6	942.362	29.56	46.00	-16.44	30.12	-0.56	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 1: Transmit (802.11a) (5785MHz)
Test Date	:	2020/10/06

Horizontal



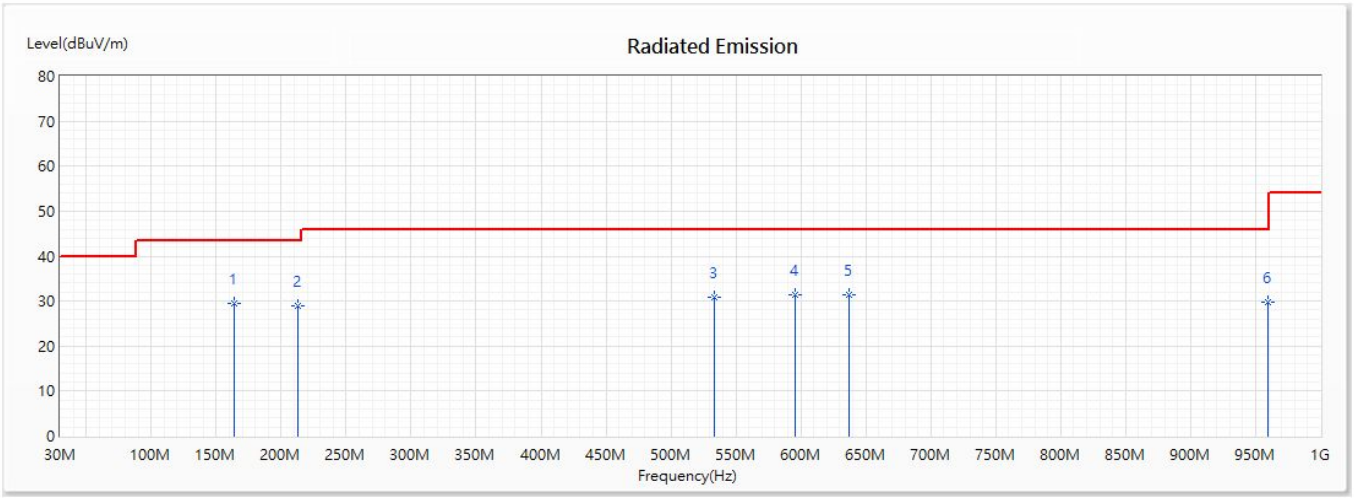
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	62.333	35.15	40.00	-4.85	48.73	-13.58	QP
2	212.754	31.59	43.50	-11.91	42.78	-11.19	QP
3	524.841	33.65	46.00	-12.35	36.40	-2.75	QP
4	590.913	34.50	46.00	-11.50	36.62	-2.12	QP
5	637.304	34.43	46.00	-11.57	35.74	-1.31	QP
6	946.58	29.70	46.00	-16.30	30.36	-0.66	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 1: Transmit (802.11a) (5785MHz)
Test Date	:	2020/10/06

Vertical



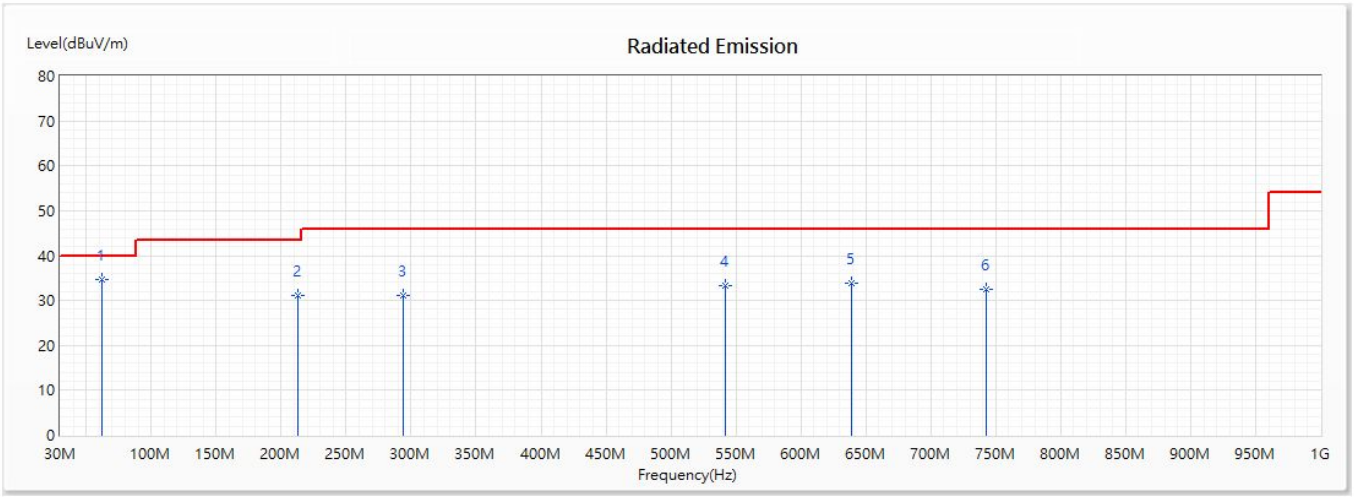
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	163.551	29.42	43.50	-14.08	42.99	-13.57	QP
2	212.754	28.91	43.50	-14.59	40.10	-11.19	QP
3	533.275	30.96	46.00	-15.04	33.53	-2.57	QP
4	595.13	31.48	46.00	-14.52	33.31	-1.83	QP
5	637.304	31.52	46.00	-14.48	32.83	-1.31	QP
6	959.232	29.84	46.00	-16.16	31.15	-1.31	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 2: Transmit (802.11n/ac-20BW) (5220MHz)
Test Date	:	2020/10/06

Horizontal



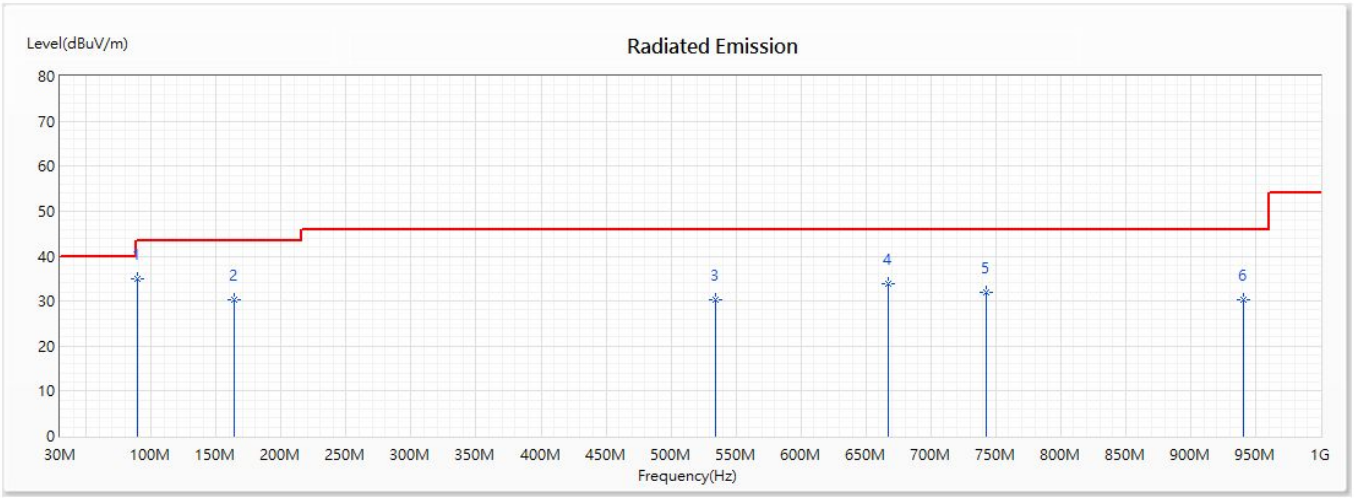
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	62.333	34.80	40.00	-5.20	48.38	-13.58	QP
2	212.754	31.18	43.50	-12.32	42.37	-11.19	QP
3	294.29	31.04	46.00	-14.96	39.77	-8.73	QP
4	541.71	33.34	46.00	-12.66	35.86	-2.52	QP
5	638.71	33.93	46.00	-12.07	35.24	-1.31	QP
6	742.739	32.37	46.00	-13.63	33.29	-0.92	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 2: Transmit (802.11n/ac-20BW) (5220MHz)
Test Date	:	2020/10/06

Vertical



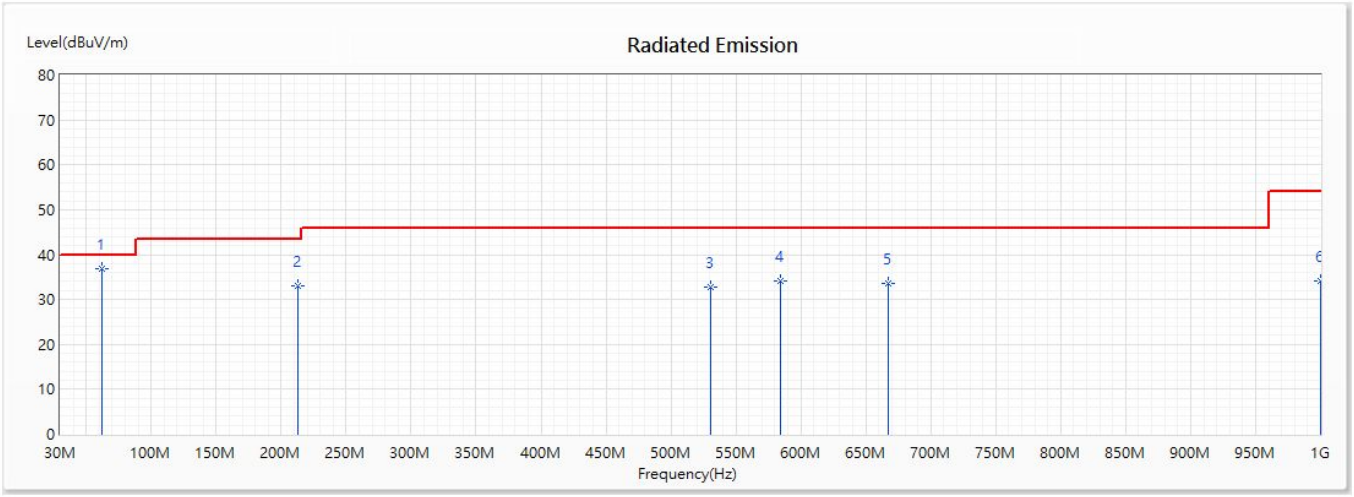
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	89.043	35.07	43.50	-8.43	45.54	-10.47	QP
2	163.551	30.44	43.50	-13.06	44.01	-13.57	QP
3	534.681	30.37	46.00	-15.63	32.90	-2.53	QP
4	666.826	33.79	46.00	-12.21	35.34	-1.55	QP
5	742.739	32.01	46.00	-13.99	32.93	-0.92	QP
6	940.957	30.25	46.00	-15.75	30.80	-0.55	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 2: Transmit (802.11n/ac-20BW) (5785MHz)
Test Date	:	2020/10/06

Horizontal



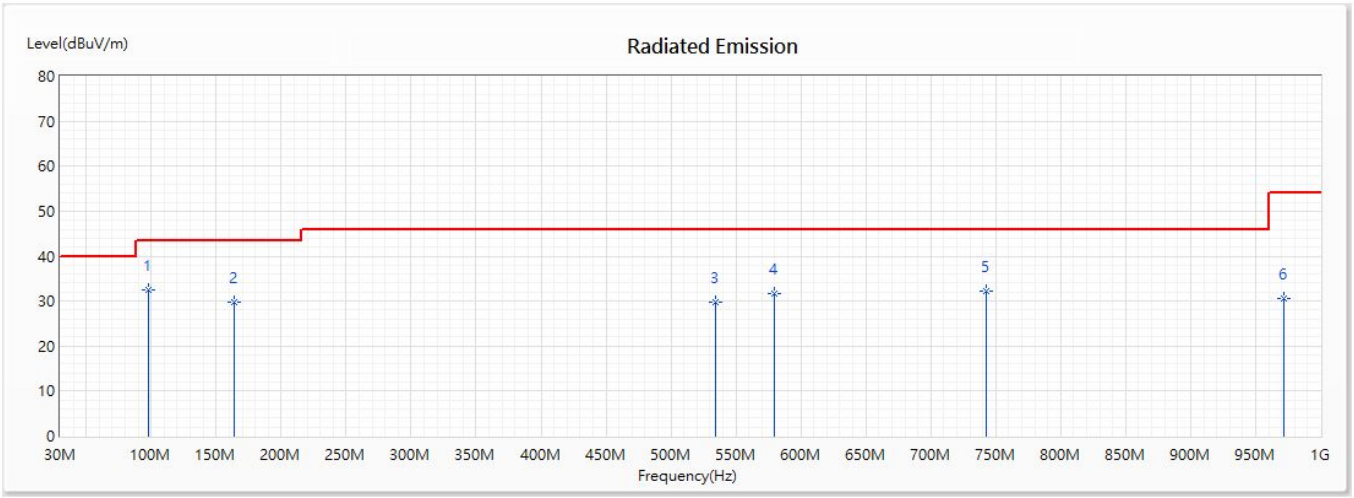
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	62.333	36.85	40.00	-3.15	50.43	-13.58	QP
2	212.754	32.99	43.50	-10.51	44.18	-11.19	QP
3	530.464	32.78	46.00	-13.22	35.42	-2.64	QP
4	583.884	34.02	46.00	-11.98	36.78	-2.76	QP
5	666.826	33.50	46.00	-12.50	35.05	-1.55	QP
6	1000	34.06	54.00	-19.94	34.92	-0.86	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 2: Transmit (802.11n/ac-20BW) (5785MHz)
Test Date	:	2020/10/06

Vertical



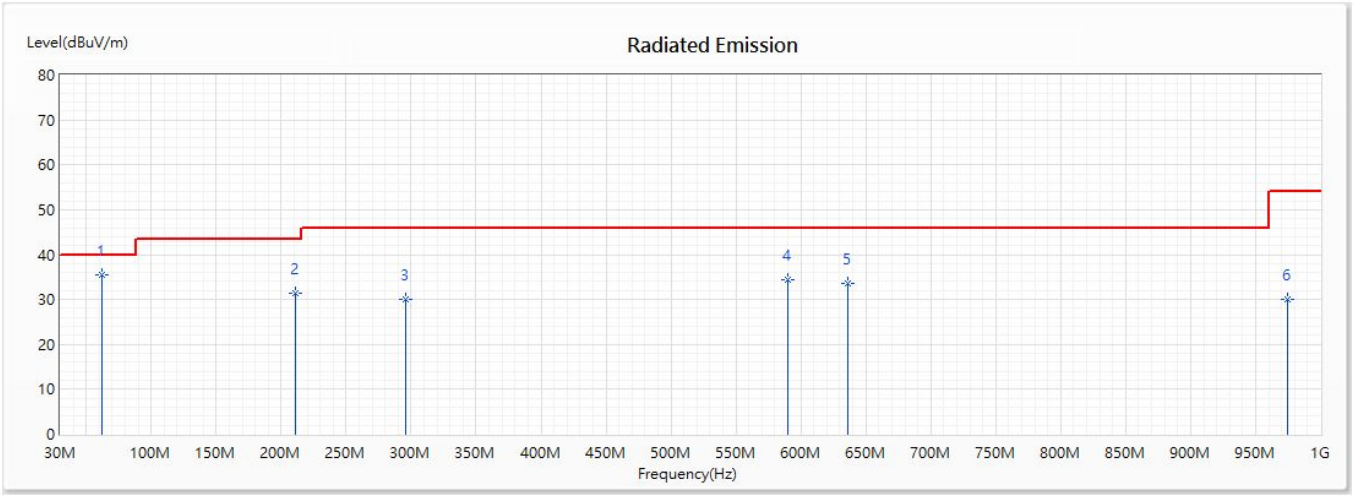
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	97.478	32.53	43.50	-10.97	42.49	-9.96	QP
2	163.551	29.70	43.50	-13.80	43.27	-13.57	QP
3	534.681	29.71	46.00	-16.29	32.24	-2.53	QP
4	579.667	31.79	46.00	-14.21	34.86	-3.07	QP
5	742.739	32.17	46.00	-13.83	33.09	-0.92	QP
6	971.884	30.60	54.00	-23.40	31.24	-0.64	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5190MHz)
Test Date	:	2020/10/06

Horizontal



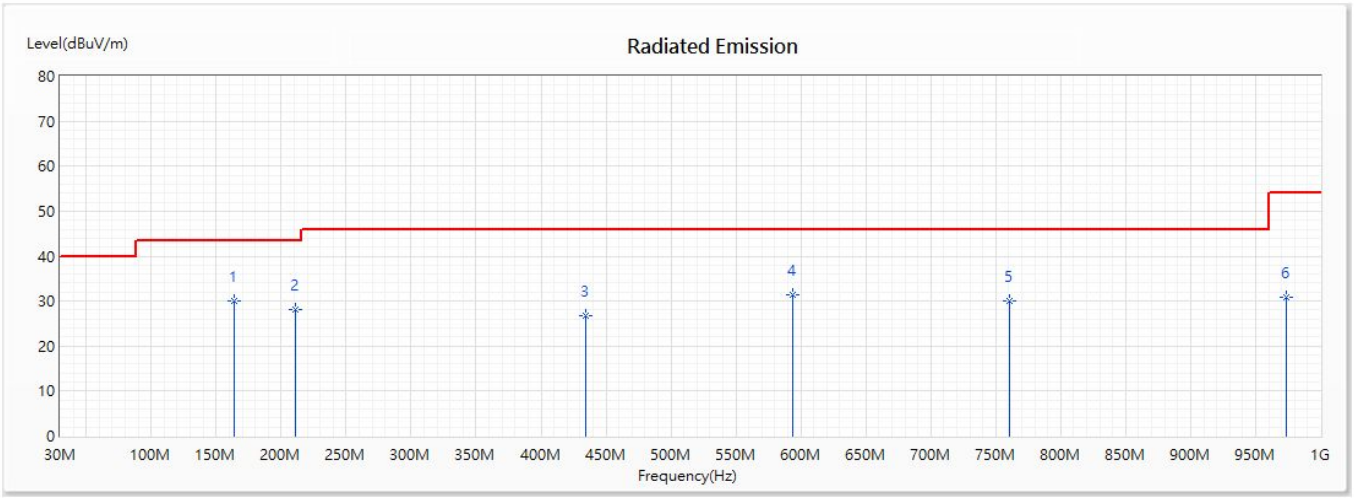
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	62.333	35.52	40.00	-4.48	49.10	-13.58	QP
2	211.348	31.40	43.50	-12.10	42.73	-11.33	QP
3	295.696	29.92	46.00	-16.08	38.29	-8.37	QP
4	589.507	34.31	46.00	-11.69	36.53	-2.22	QP
5	635.899	33.45	46.00	-12.55	34.77	-1.32	QP
6	974.696	29.99	54.00	-24.01	30.48	-0.49	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5190MHz)
Test Date	:	2020/10/06

Vertical



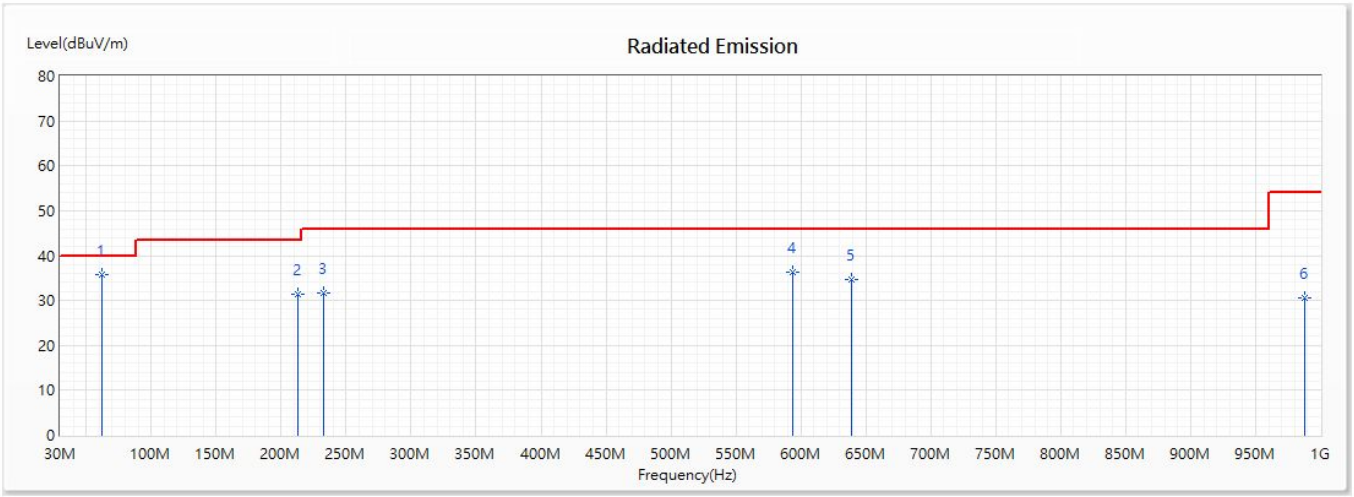
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	163.551	29.92	43.50	-13.58	43.49	-13.57	QP
2	211.348	28.11	43.50	-15.39	39.44	-11.33	QP
3	434.87	26.70	46.00	-19.30	30.42	-3.72	QP
4	593.725	31.37	46.00	-14.63	33.29	-1.92	QP
5	761.014	30.00	46.00	-16.00	31.16	-1.16	QP
6	973.29	30.93	54.00	-23.07	31.50	-0.57	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5755MHz)
Test Date	:	2020/10/06

Horizontal



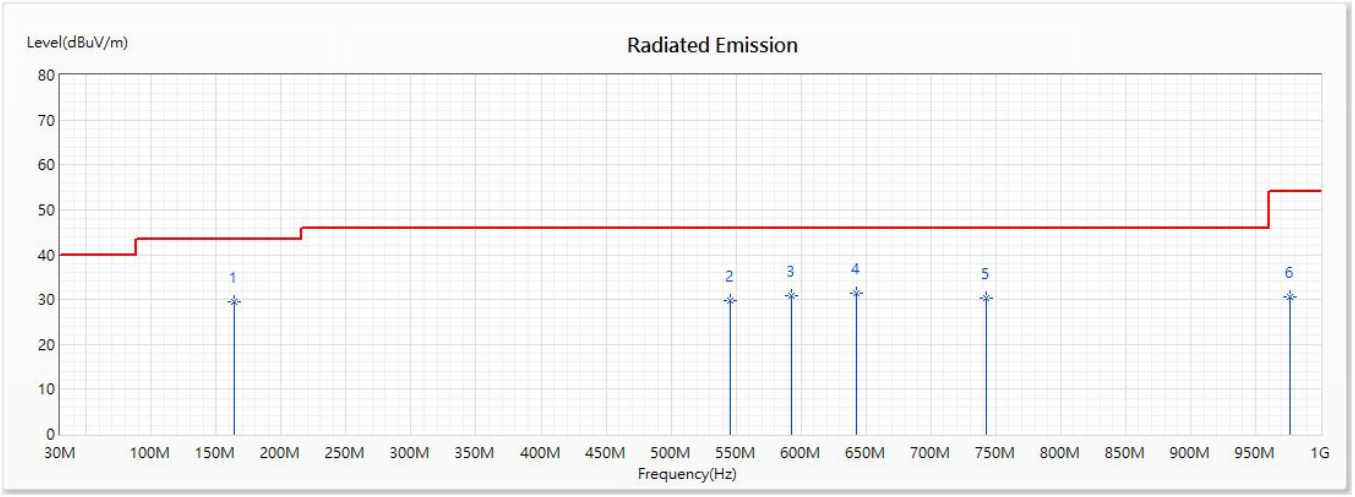
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	62.333	35.85	40.00	-4.15	49.43	-13.58	QP
2	212.754	31.30	43.50	-12.20	42.49	-11.19	QP
3	232.435	31.75	46.00	-14.25	41.96	-10.21	QP
4	593.725	36.30	46.00	-9.70	38.22	-1.92	QP
5	638.71	34.68	46.00	-11.32	35.99	-1.31	QP
6	987.348	30.61	54.00	-23.39	31.30	-0.69	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5755MHz)
Test Date	:	2020/10/06

Vertical



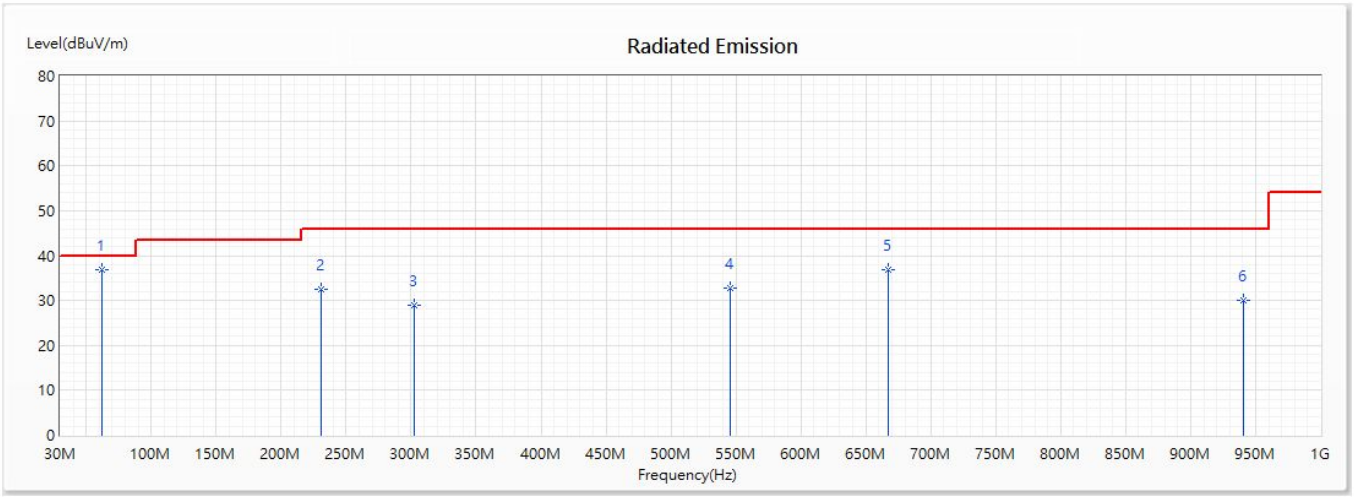
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	163.551	29.42	43.50	-14.08	42.99	-13.57	QP
2	545.928	29.80	46.00	-16.20	32.78	-2.98	QP
3	592.319	30.75	46.00	-15.25	32.77	-2.02	QP
4	642.928	31.53	46.00	-14.47	32.94	-1.41	QP
5	742.739	30.22	46.00	-15.78	31.14	-0.92	QP
6	976.101	30.52	54.00	-23.48	30.99	-0.47	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5210MHz)
Test Date	:	2020/10/06

Horizontal



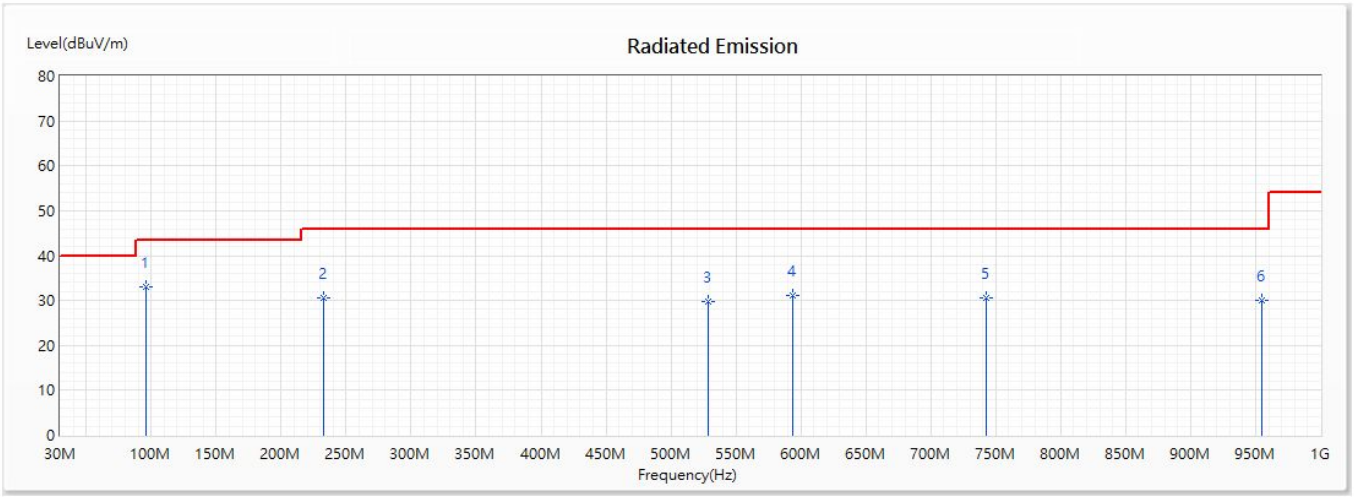
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	62.333	36.88	40.00	-3.12	50.46	-13.58	QP
2	231.029	32.41	46.00	-13.59	42.54	-10.13	QP
3	302.725	29.07	46.00	-16.93	36.30	-7.23	QP
4	545.928	32.86	46.00	-13.14	35.84	-2.98	QP
5	666.826	36.75	46.00	-9.25	38.30	-1.55	QP
6	940.957	30.09	46.00	-15.91	30.64	-0.55	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5210MHz)
Test Date	:	2020/10/06

Vertical



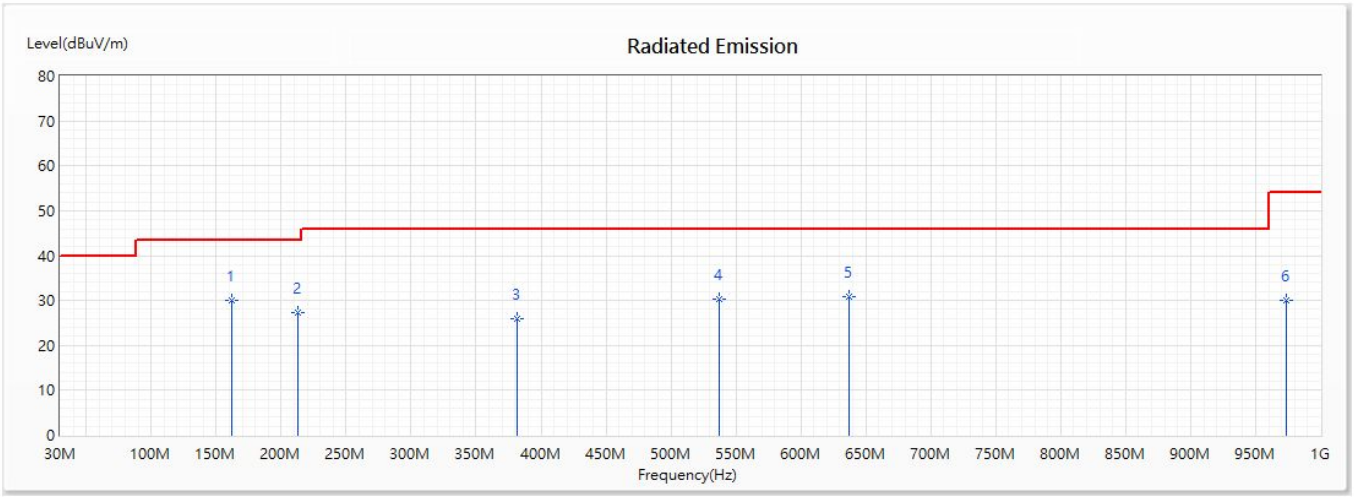
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	96.072	32.93	43.50	-10.57	43.20	-10.27	QP
2	232.435	30.62	46.00	-15.38	40.83	-10.21	QP
3	529.058	29.81	46.00	-16.19	32.48	-2.67	QP
4	593.725	31.16	46.00	-14.84	33.08	-1.92	QP
5	742.739	30.60	46.00	-15.40	31.52	-0.92	QP
6	955.014	29.99	46.00	-16.01	30.97	-0.98	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5775MHz)
Test Date	:	2020/10/06

Horizontal



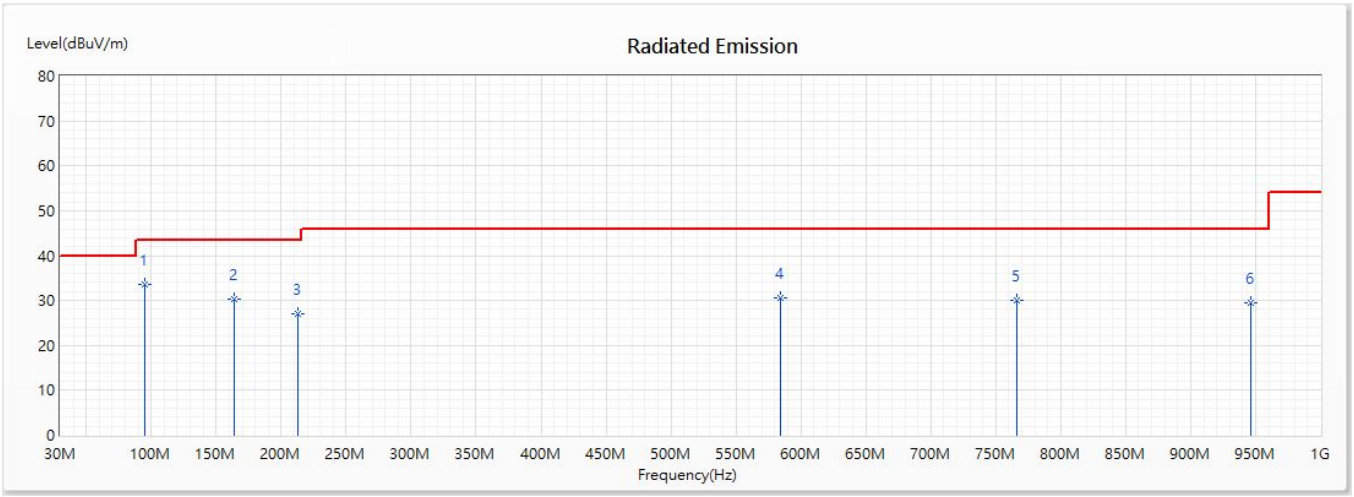
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	162.145	30.00	43.50	-13.50	43.57	-13.57	QP
2	212.754	27.37	43.50	-16.13	38.56	-11.19	QP
3	381.449	25.82	46.00	-20.18	30.01	-4.19	QP
4	537.493	30.35	46.00	-15.65	32.78	-2.43	QP
5	637.304	30.87	46.00	-15.13	32.18	-1.31	QP
6	973.29	30.00	54.00	-24.00	30.57	-0.57	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	General Radiated Emission
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5775MHz)
Test Date	:	2020/10/06

Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	94.667	33.62	43.50	-9.88	44.09	-10.47	QP
2	163.551	30.31	43.50	-13.19	43.88	-13.57	QP
3	212.754	26.92	43.50	-16.58	38.11	-11.19	QP
4	583.884	30.60	46.00	-15.40	33.36	-2.76	QP
5	766.638	30.07	46.00	-15.93	31.23	-1.16	QP
6	946.58	29.41	46.00	-16.59	30.07	-0.66	QP

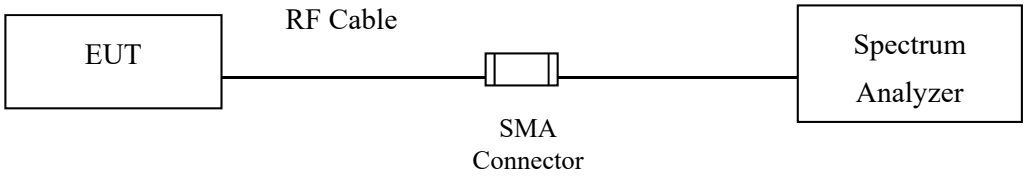
Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

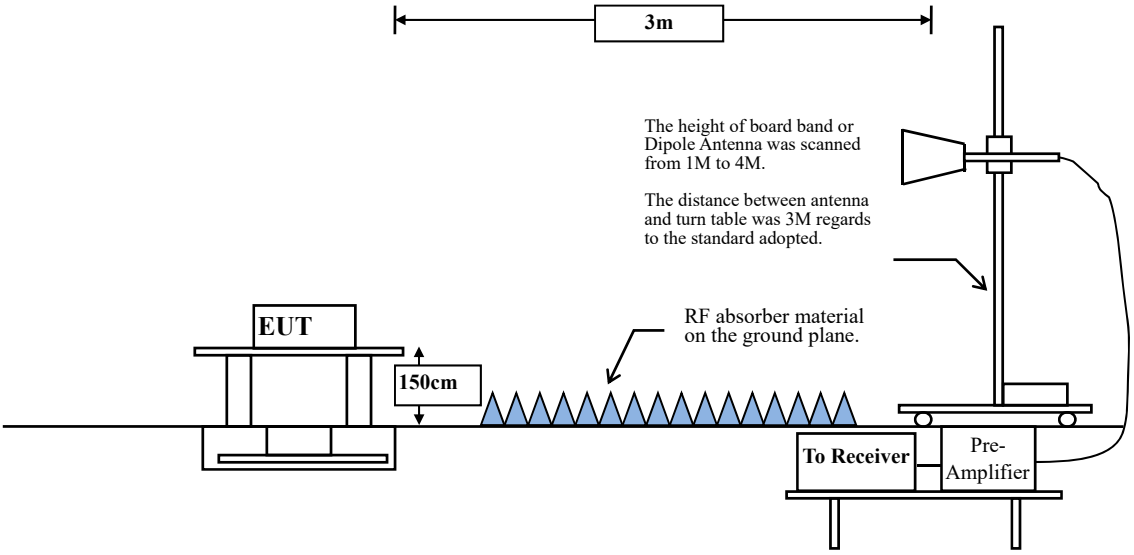
6. Band Edge

6.1. Test Setup

RF Conducted Measurement:



RF Radiated Measurement:



6.2. Limits

The provisions of Section 15.205 of this part apply to intentional radiators operating under this section.

Radiated emissions which fall in the restricted bands, as defined in Section 15.205, must also comply with the radiated emission limits specified in Section 15.209:

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m @3m	dBμV/m@3m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks : 1. RF Voltage (dBμV) = 20 log RF Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

6.3. Test Procedure

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10:2013 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 kHz, above 1GHz are 1 MHz.

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

RBW and VBW Parameter setting:

According to KDB 789033 section II.G.5 Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz.

RBW = 1MHz.

VBW ≥ 3MHz.

According to KDB 789033 section II.G.6 Procedures for Average Unwanted Emissions Measurements above 1000 MHz.

RBW = 1MHz.

VBW = 10Hz, when duty cycle ≥ 98 %

VBW ≥ 1/T, when duty cycle < 98 %

(T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

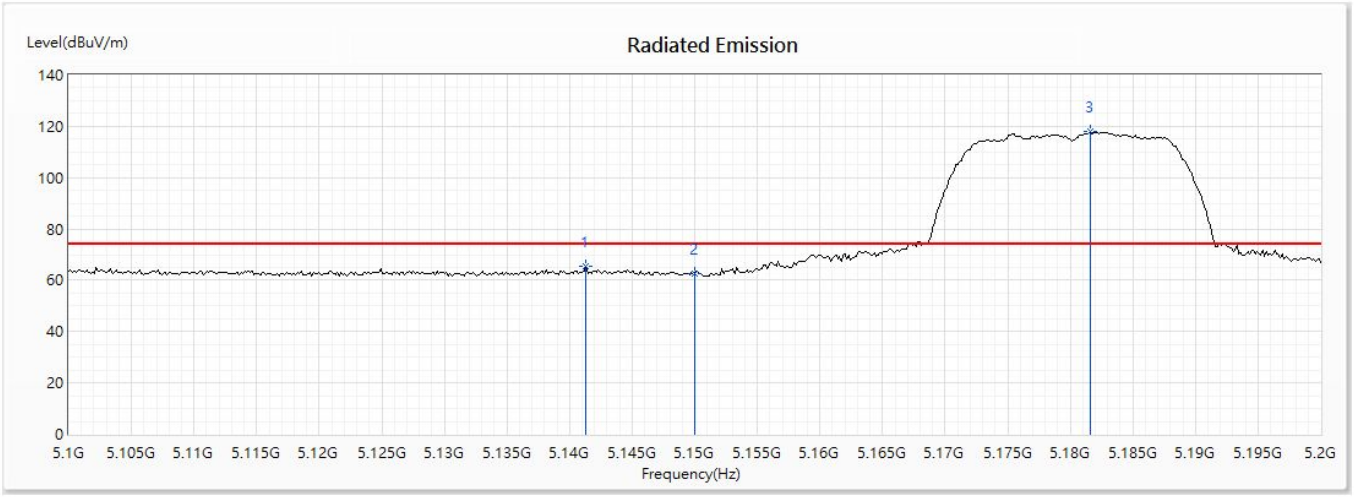
5GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
802.11a	79.25	1.3841	723	1000
802.11n/ac20	51.87	0.3623	2760	3000
802.11n/ac40	38.20	0.2087	4792	5000
802.11ac80	27.13	0.1246	8023	10000

Note: Duty Cycle Refer to Section 8

6.4. Test Result of Band Edge

Product : Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item : Band Edge Data
Test Mode : Mode 1: Transmit (802.11a) (5180MHz)
Test Date : 2020/09/24

Horizontal



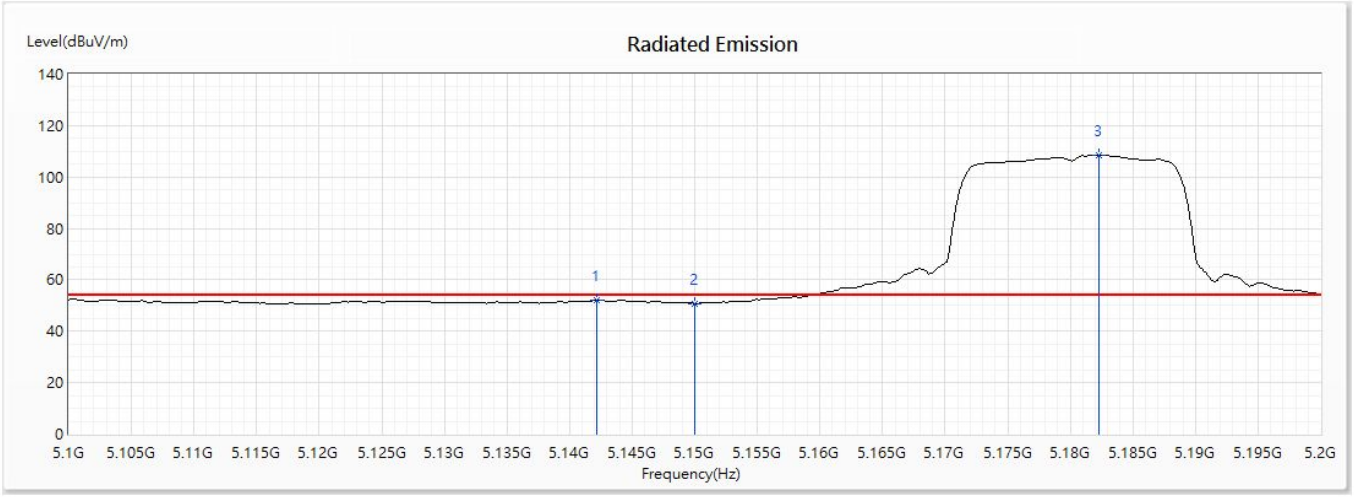
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5141.304	65.28	74.00	-8.72	48.16	17.12	PK
2	5150	62.62	74.00	-11.38	45.44	17.18	PK
! 3	5181.594	118.17	--	--	100.74	17.43	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 1: Transmit (802.11a) (5180MHz)
Test Date	:	2020/09/24

Horizontal



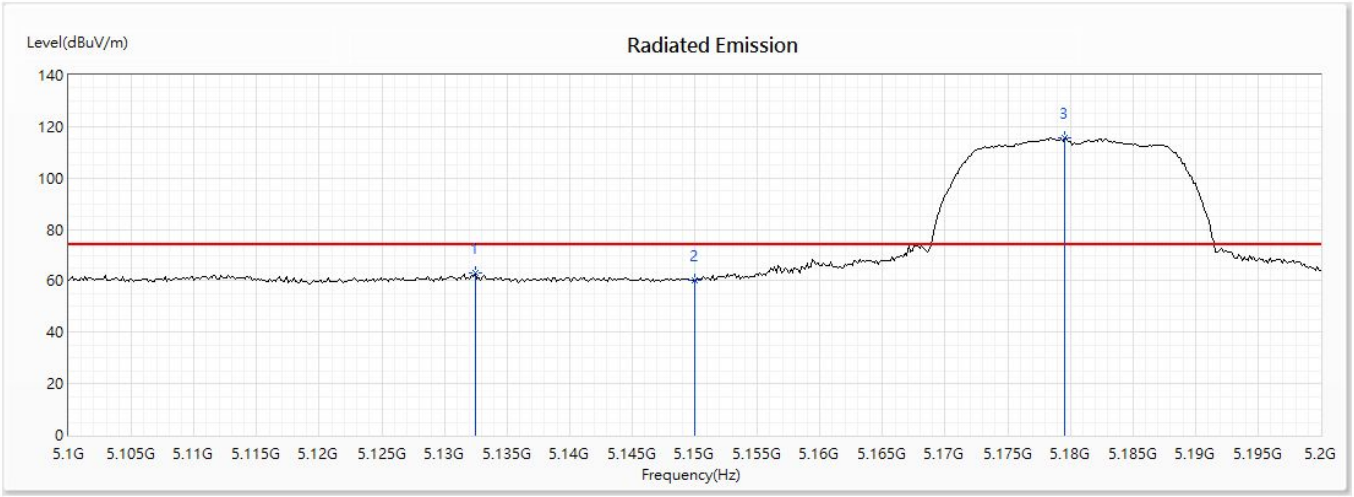
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5142.174	52.14	54.00	-1.86	35.02	17.12	AV
2	5150	50.75	54.00	-3.25	33.57	17.18	AV
! 3	5182.319	108.53	--	--	91.10	17.43	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 1: Transmit (802.11a) (5180MHz)
Test Date	:	2020/09/24

Vertical



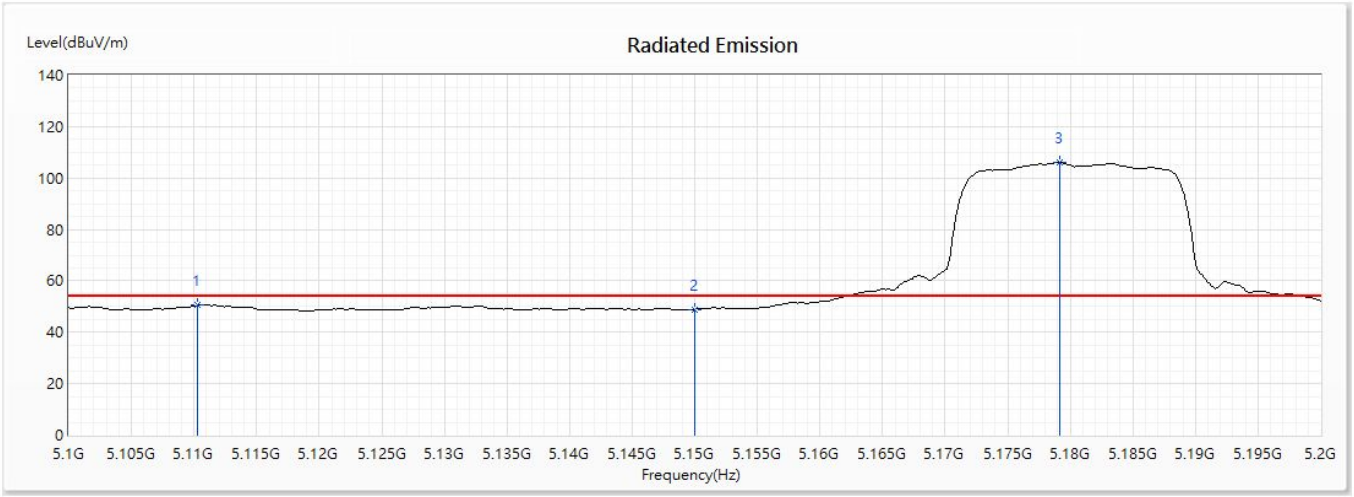
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5132.464	62.88	74.00	-11.12	45.83	17.05	PK
2	5150	60.01	74.00	-13.99	42.83	17.18	PK
! 3	5179.565	115.68	--	--	98.26	17.42	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 1: Transmit (802.11a) (5180MHz)
Test Date	:	2020/09/24

Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5110.29	50.56	54.00	-3.44	33.67	16.89	AV
2	5150	48.96	54.00	-5.04	31.78	17.18	AV
! 3	5179.13	106.11	--	--	88.70	17.41	AV

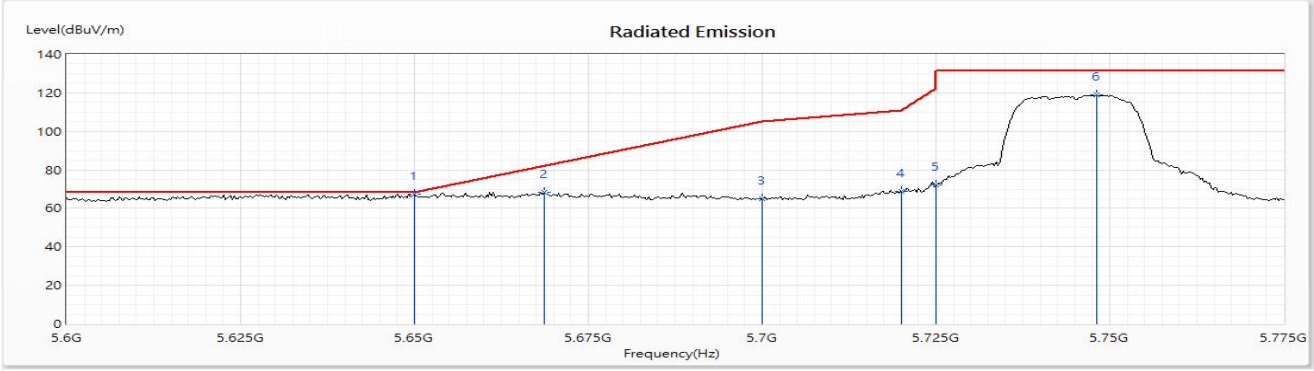
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item : Band Edge Data
Test Mode : Mode 1: Transmit (802.11a) (5745MHz)
Test Date : 2020/09/24

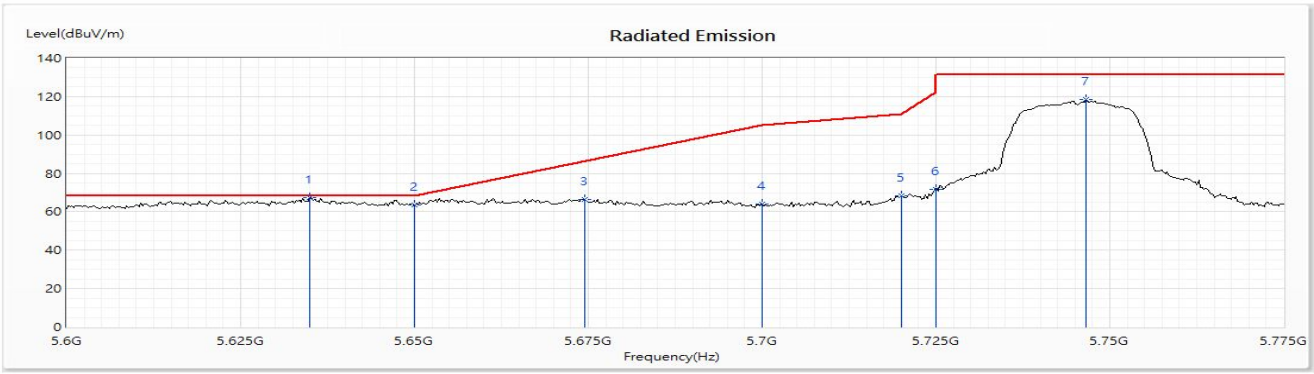
Horizontal

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	5650	67.19	68.22	-1.03	49.04	18.15	PK
2	5668.732	68.46	82.11	-13.65	50.28	18.18	PK
3	5700	65.02	105.20	-40.18	46.79	18.23	PK
4	5720	68.82	110.80	-41.98	50.47	18.35	PK
5	5725	72.18	122.20	-50.02	53.80	18.38	PK
6	5748.116	118.87	131.20	-12.33	100.36	18.51	PK



Vertical

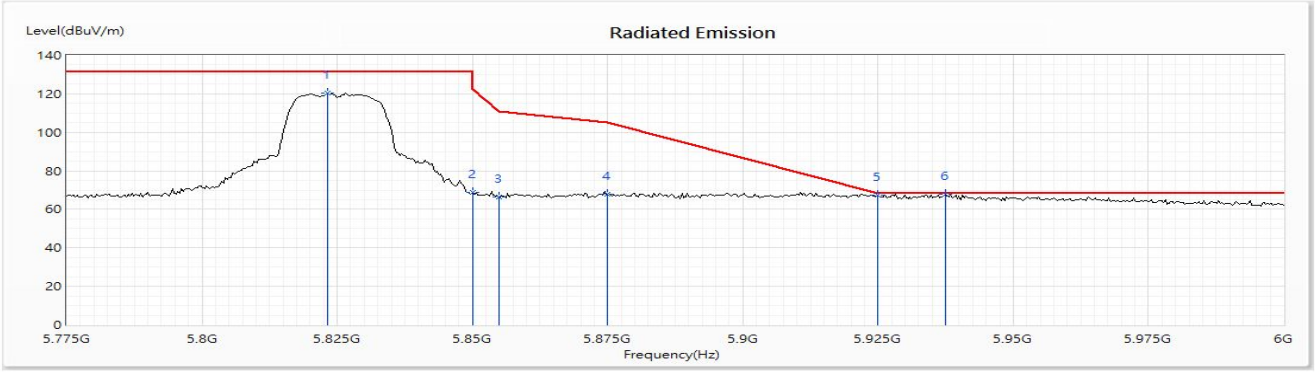
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	5635	67.22	68.22	-1.00	49.12	18.10	PK
2	5650	63.34	68.22	-4.88	45.19	18.15	PK
3	5674.565	66.58	86.43	-19.85	48.39	18.19	PK
4	5700	63.92	105.20	-41.28	45.69	18.23	PK
5	5720	68.23	110.80	-42.57	49.88	18.35	PK
6	5725	71.88	122.20	-50.32	53.50	18.38	PK
7	5746.594	118.27	131.20	-12.93	99.77	18.50	PK



Product : Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item : Band Edge Data
Test Mode : Mode 1: Transmit (802.11a) (5825MHz)
Test Date : 2020/09/28

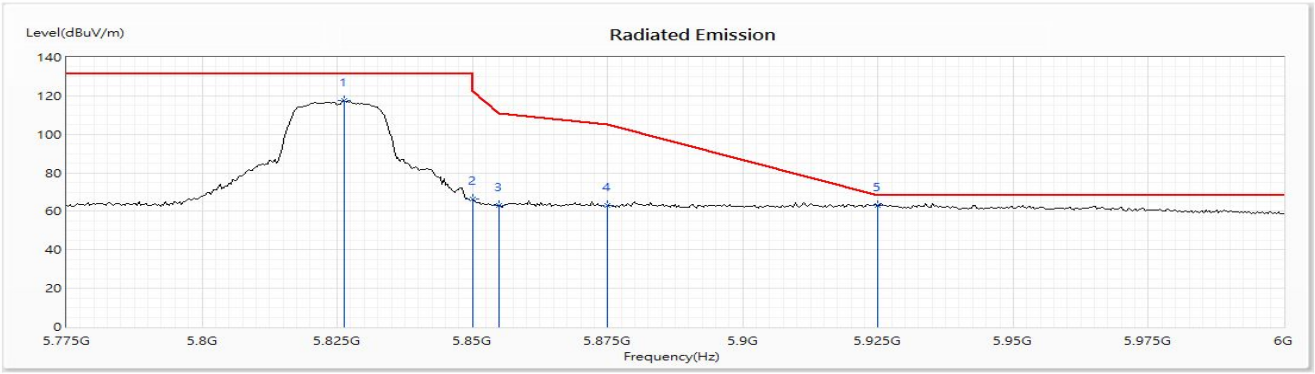
Horizontal

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5823.261	120.27	131.20	-10.93	101.72	18.55	PK
2	5850	68.79	122.20	-53.41	50.27	18.52	PK
3	5855	66.60	110.80	-44.20	48.11	18.49	PK
4	5875	67.90	105.20	-37.30	49.46	18.44	PK
5	5925	67.19	68.20	-1.01	48.80	18.39	PK
* 6	5937.391	67.97	68.20	-0.23	49.57	18.40	PK



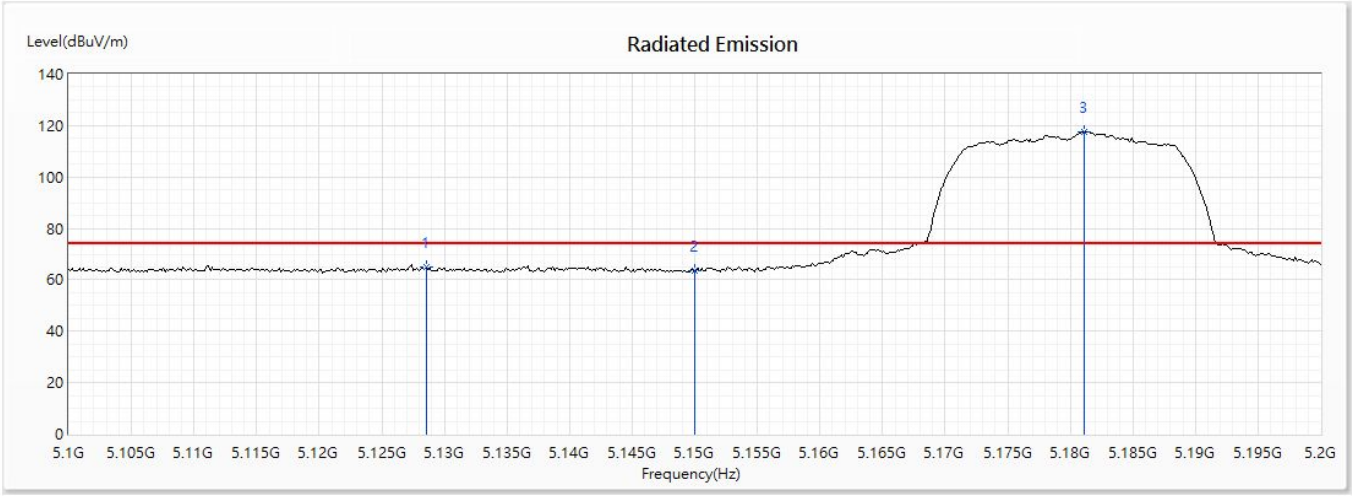
Vertical

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5826.196	117.42	131.20	-13.78	98.88	18.54	PK
2	5850	66.55	122.20	-55.65	48.03	18.52	PK
3	5855	62.96	110.80	-47.84	44.47	18.49	PK
4	5875	63.01	105.20	-42.19	44.57	18.44	PK
* 5	5925	62.92	68.20	-5.28	44.53	18.39	PK



Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 2: Transmit (802.11n/ac-20BW) (5180MHz)
Test Date	:	2020/09/30

Horizontal



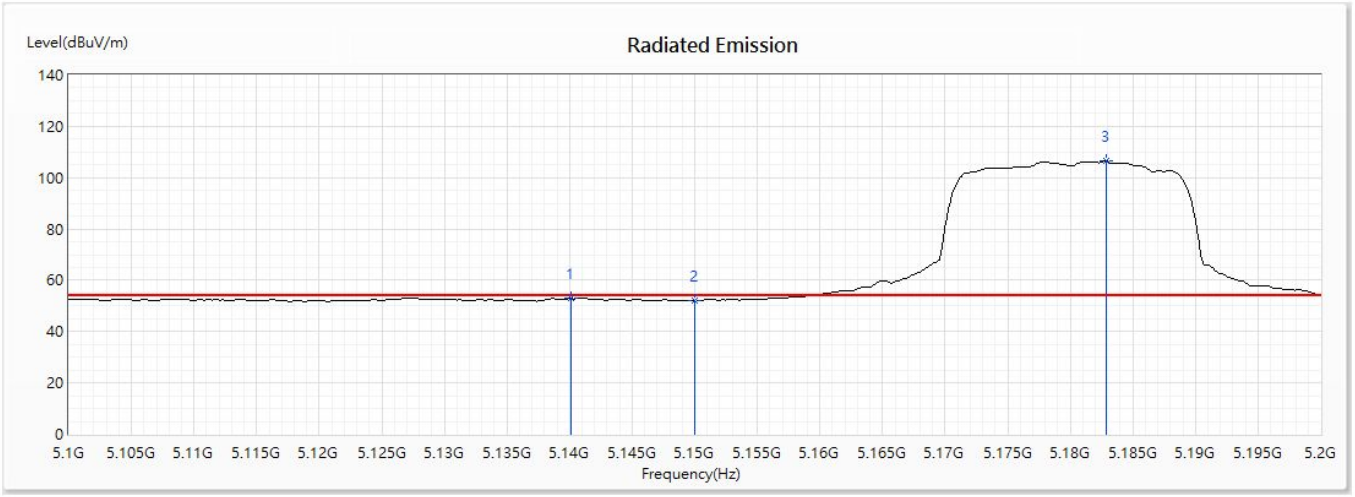
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5128.551	65.07	74.00	-8.93	48.05	17.02	PK
2	5150	63.54	74.00	-10.46	46.36	17.18	PK
! 3	5181.159	117.42	--	--	100.00	17.42	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 2: Transmit (802.11n/ac-20BW) (5180MHz)
Test Date	:	2020/09/30

Horizontal



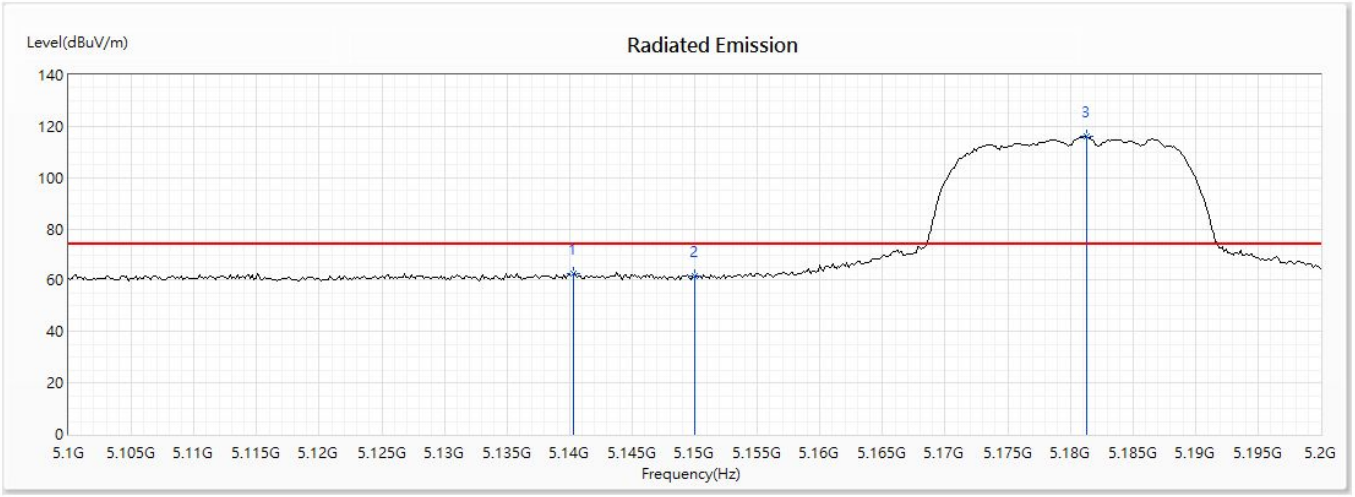
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5140.145	52.93	54.00	-1.07	35.82	17.11	AV
2	5150	51.93	54.00	-2.07	34.75	17.18	AV
! 3	5182.899	106.37	--	--	88.93	17.44	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 2: Transmit (802.11n/ac-20BW) (5180MHz)
Test Date	:	2020/09/30

Vertical



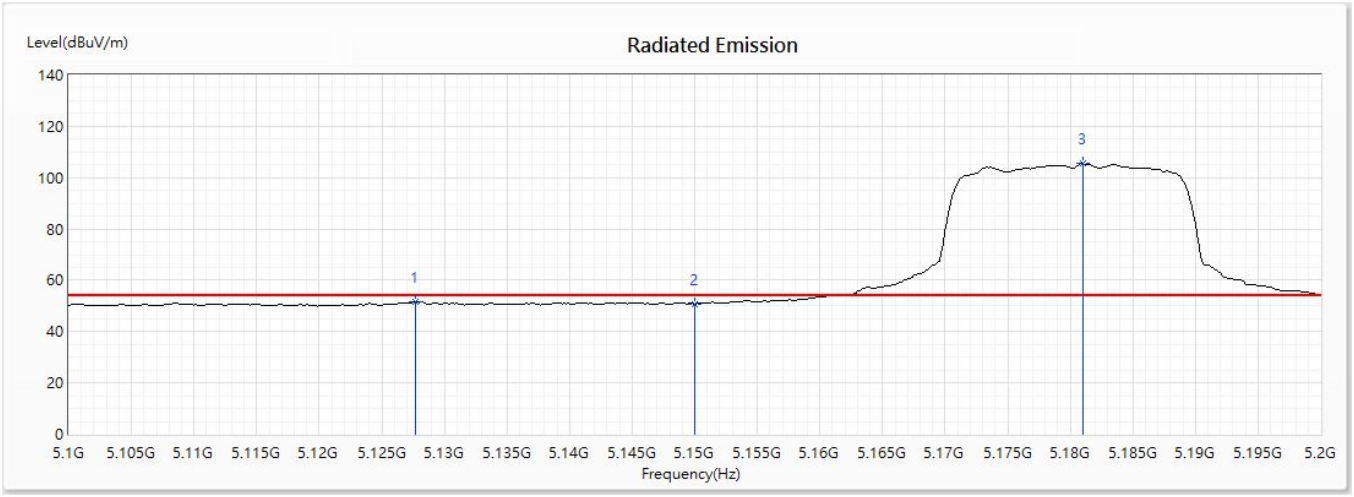
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5140.29	62.76	74.00	-11.24	45.65	17.11	PK
2	5150	61.59	74.00	-12.41	44.41	17.18	PK
! 3	5181.304	115.90	--	--	98.47	17.43	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 2: Transmit (802.11n/ac-20BW) (5180MHz)
Test Date	:	2020/09/30

Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5127.681	51.45	54.00	-2.55	34.43	17.02	AV
2	5150	50.64	54.00	-3.36	33.46	17.18	AV
! 3	5181.014	105.42	--	--	88.00	17.42	AV

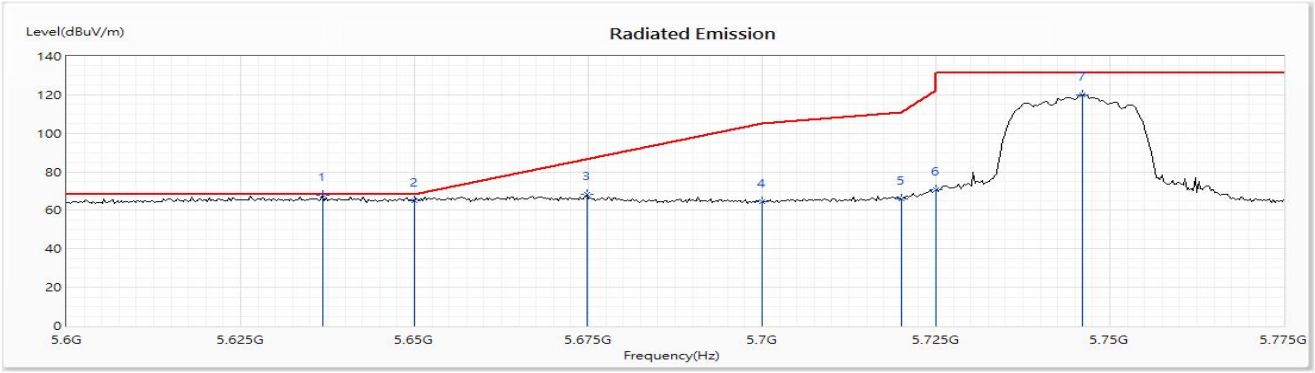
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item : Band Edge Data
Test Mode : Mode 2: Transmit (802.11n/ac-20BW) (5745MHz)
Test Date : 2020/09/30

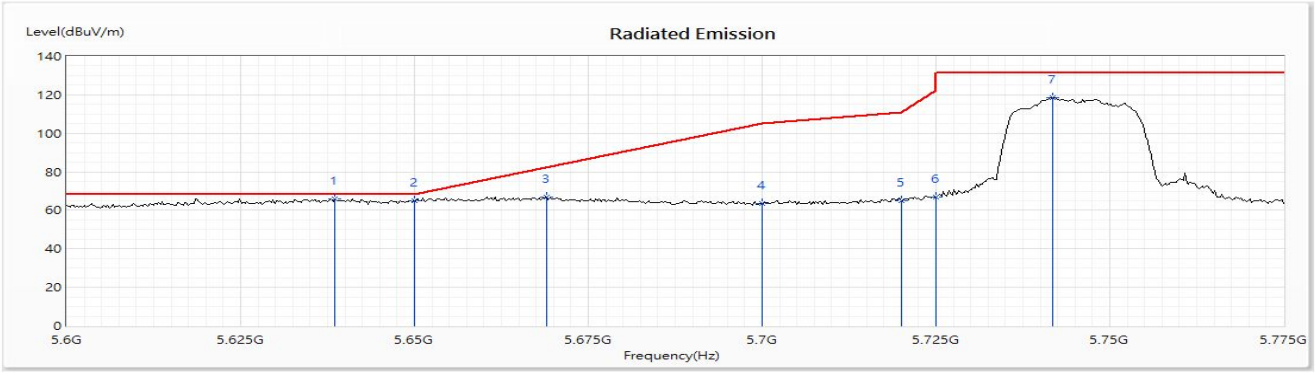
Horizontal

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	5636.775	67.76	68.22	-0.46	49.66	18.10	PK
2	5650	65.09	68.22	-3.13	46.94	18.15	PK
3	5674.819	68.24	86.62	-18.37	50.05	18.19	PK
4	5700	64.56	105.20	-40.64	46.33	18.23	PK
5	5720	66.12	110.80	-44.68	47.77	18.35	PK
6	5725	70.82	122.20	-51.38	52.44	18.38	PK
7	5746.087	119.92	131.20	-11.28	101.43	18.49	PK



Vertical

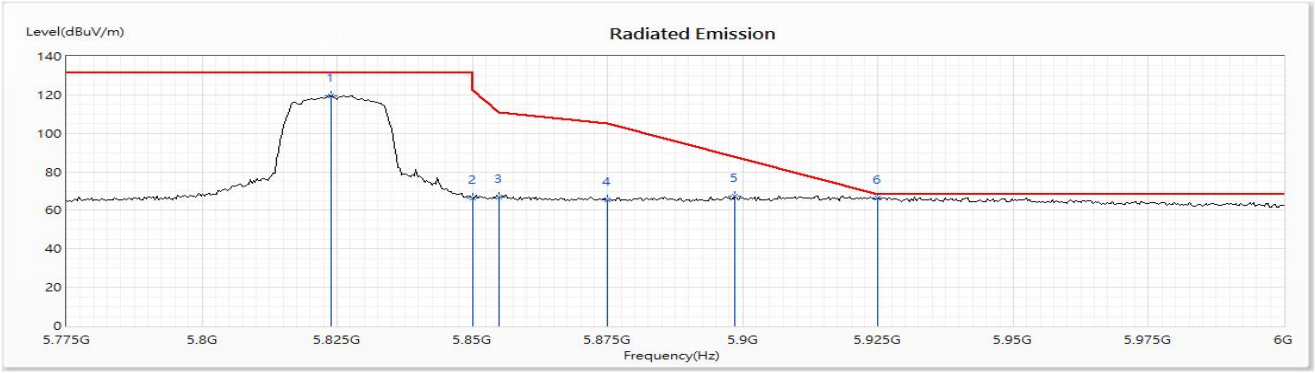
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	5638.551	66.03	68.22	-2.19	47.92	18.11	PK
2	5650	64.99	68.22	-3.23	46.84	18.15	PK
3	5668.986	67.03	82.30	-15.27	48.85	18.18	PK
4	5700	63.55	105.20	-41.65	45.32	18.23	PK
5	5720	65.20	110.80	-45.60	46.85	18.35	PK
6	5725	66.69	122.20	-55.51	48.31	18.38	PK
7	5741.775	118.41	131.20	-12.79	99.93	18.48	PK



Product : Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item : Band Edge Data
Test Mode : Mode 2: Transmit (802.11n/ac-20BW) (5825MHz)
Test Date : 2020/09/30

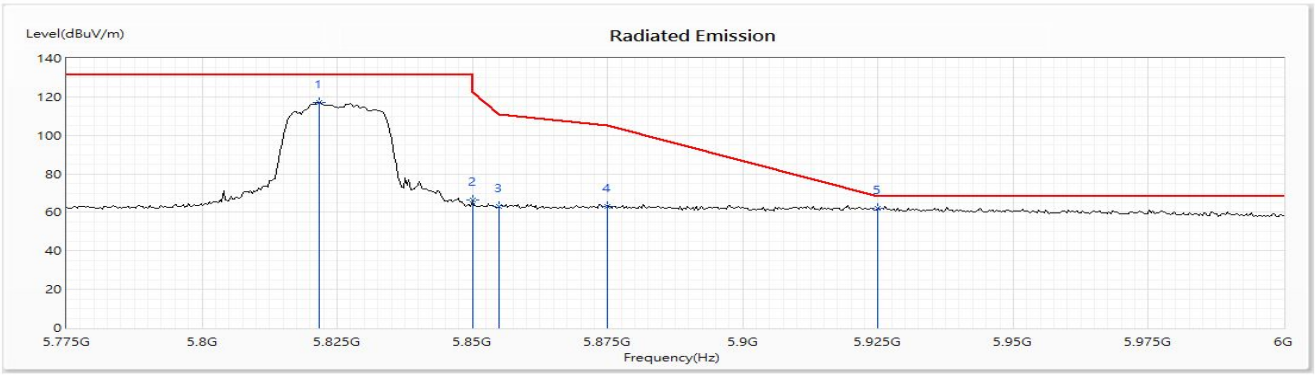
Horizontal

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5823.913	119.49	131.20	-11.71	100.95	18.54	PK
2	5850	66.36	122.20	-55.84	47.84	18.52	PK
3	5855	66.71	110.80	-44.09	48.22	18.49	PK
4	5875	65.68	105.20	-39.52	47.24	18.44	PK
5	5898.587	67.50	87.71	-20.21	49.13	18.37	PK
* 6	5925	66.41	68.20	-1.79	48.02	18.39	PK



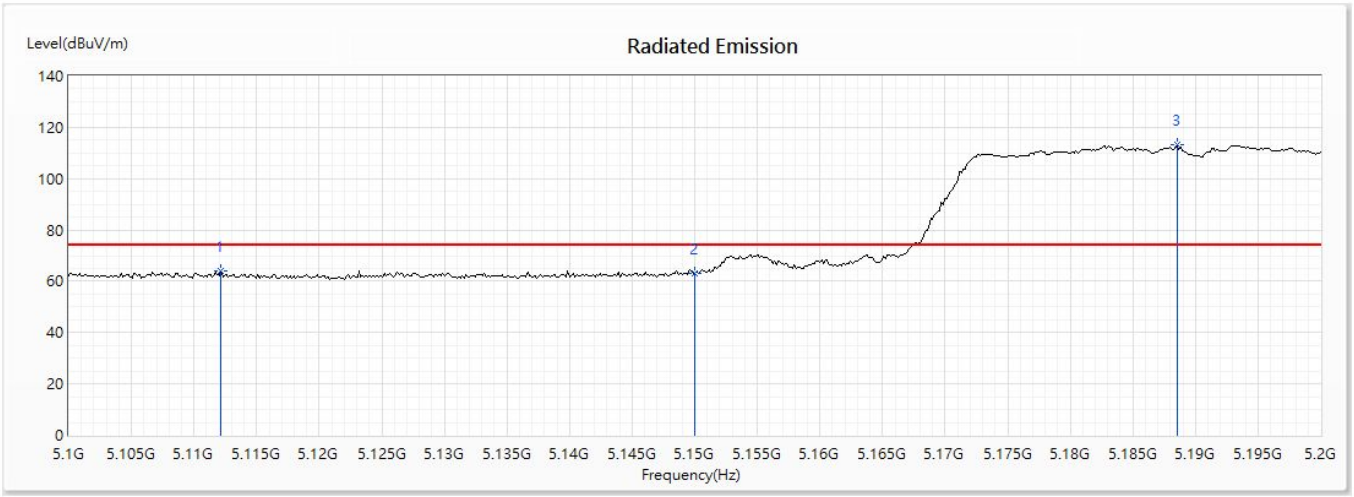
Vertical

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5821.63	116.89	131.20	-14.31	98.35	18.54	PK
2	5850	66.18	122.20	-56.02	47.66	18.52	PK
3	5855	63.11	110.80	-47.69	44.62	18.49	PK
4	5875	63.22	105.20	-41.98	44.78	18.44	PK
* 5	5925	62.05	68.20	-6.15	43.66	18.39	PK



Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5190MHz)
Test Date	:	2020/09/30

Horizontal



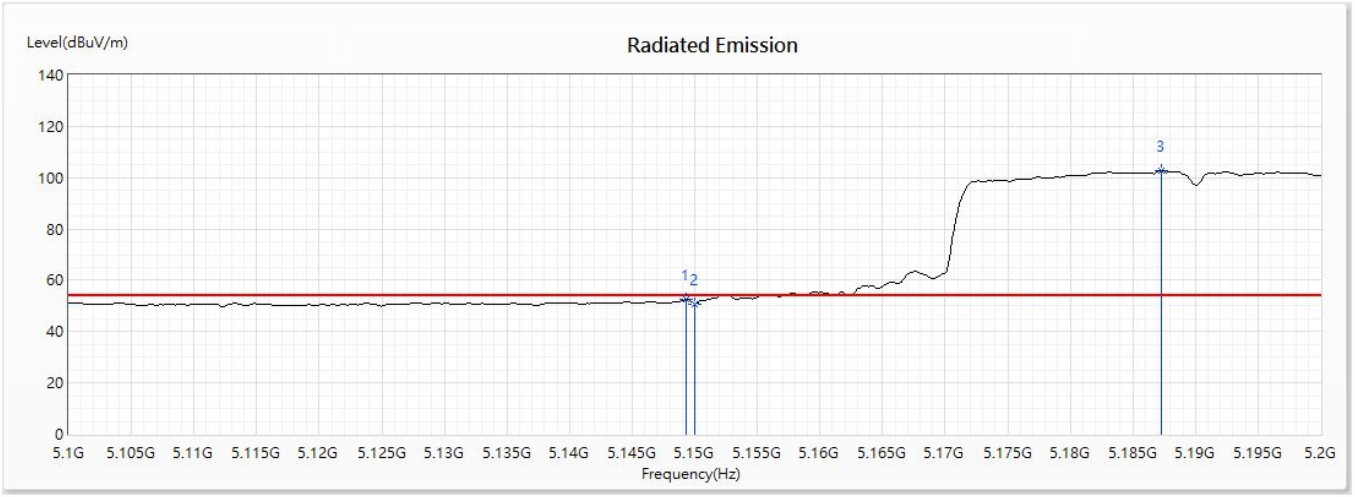
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5112.174	63.95	74.00	-10.05	47.05	16.90	PK
2	5150	62.91	74.00	-11.09	45.73	17.18	PK
! 3	5188.551	113.04	--	--	95.56	17.48	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5190MHz)
Test Date	:	2020/09/30

Horizontal



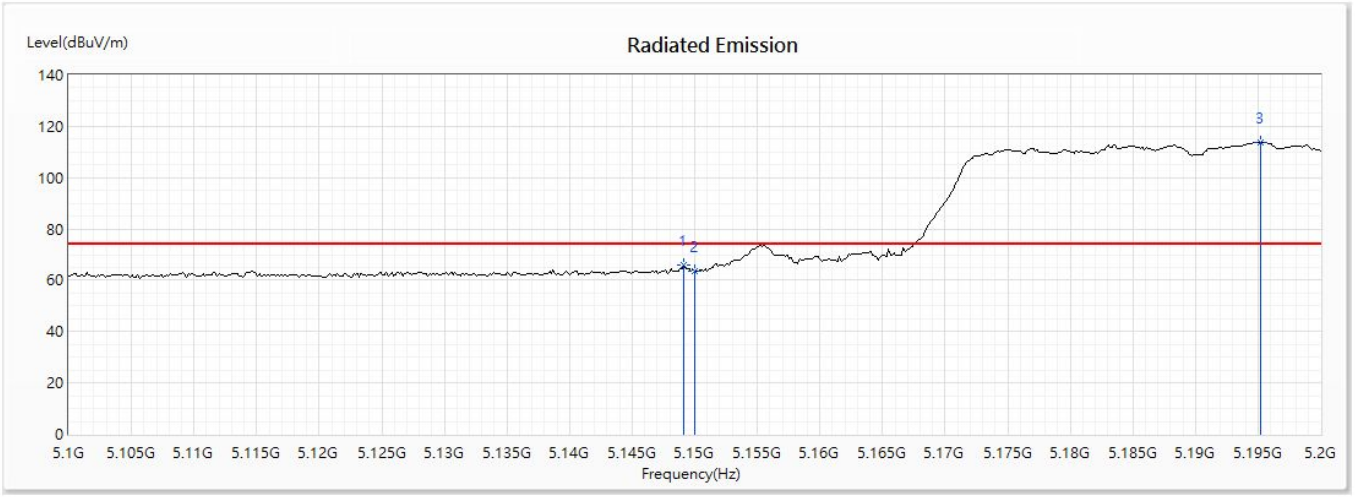
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5149.275	52.39	54.00	-1.61	35.21	17.18	AV
2	5150	50.84	54.00	-3.16	33.66	17.18	AV
! 3	5187.246	102.72	--	--	85.25	17.47	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5190MHz)
Test Date	:	2020/09/30

Vertical



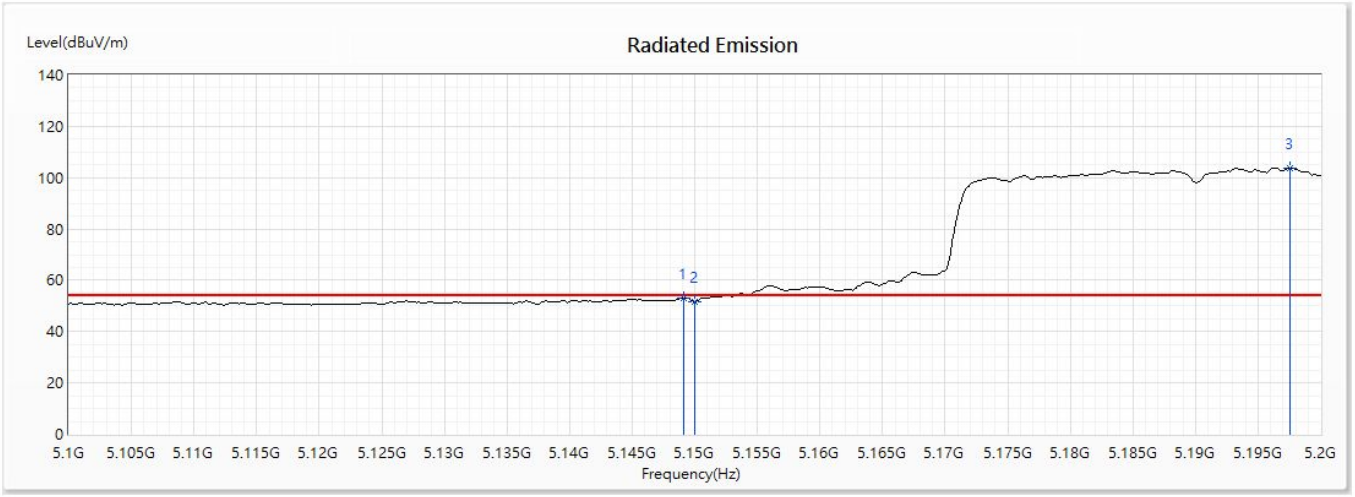
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5149.13	65.96	74.00	-8.04	48.78	17.18	PK
2	5150	63.70	74.00	-10.30	46.52	17.18	PK
! 3	5195.217	113.77	--	--	96.24	17.53	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5190MHz)
Test Date	:	2020/09/30

Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5149.13	53.09	54.00	-0.91	35.91	17.18	AV
2	5150	51.76	54.00	-2.24	34.58	17.18	AV
! 3	5197.536	103.72	--	--	86.17	17.55	AV

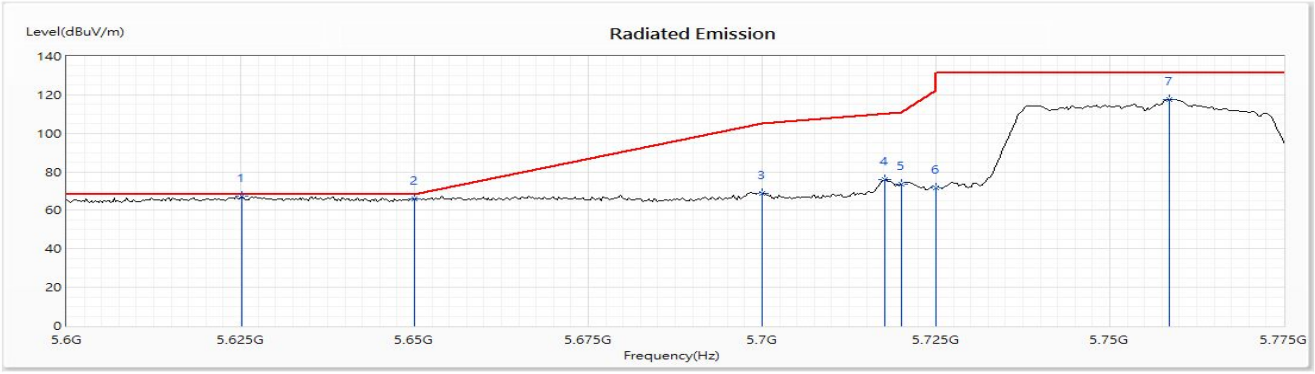
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item : Band Edge Data
Test Mode : Mode 3: Transmit (802.11n/ac-40BW) (5755MHz)
Test Date : 2020/09/30

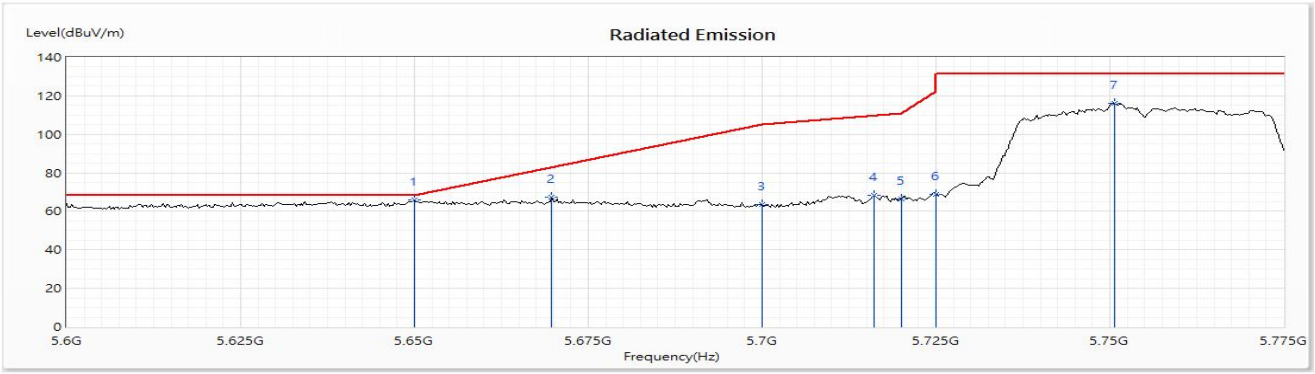
Horizontal

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	5625.109	67.14	68.22	-1.08	49.08	18.06	PK
2	5650	66.02	68.22	-2.20	47.87	18.15	PK
3	5700	68.88	105.20	-36.32	50.65	18.23	PK
4	5717.681	76.01	110.15	-34.14	57.68	18.33	PK
5	5720	73.75	110.80	-37.05	55.40	18.35	PK
6	5725	71.83	122.20	-50.37	53.45	18.38	PK
7	5758.514	117.62	131.20	-13.58	99.10	18.52	PK



Vertical

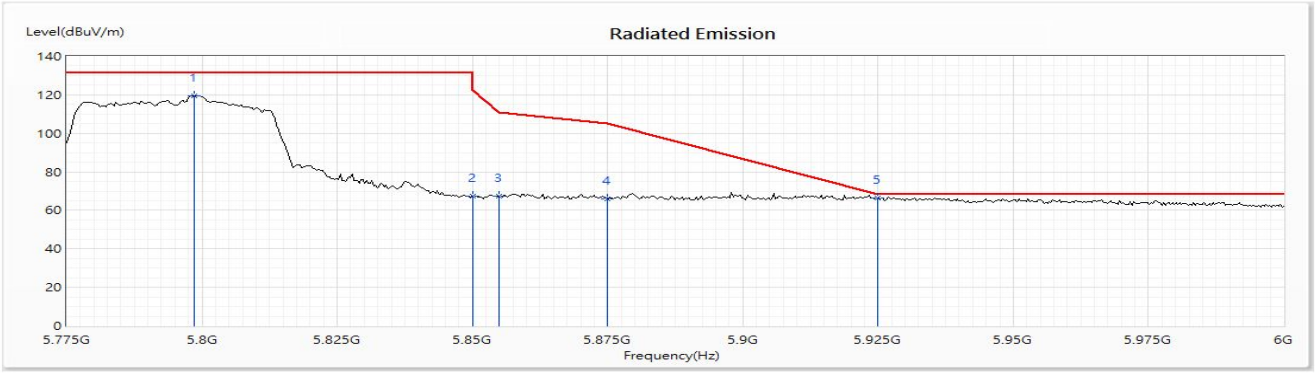
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
* 1	5650	65.78	68.22	-2.44	47.63	18.15	PK
2	5669.746	67.60	82.86	-15.26	49.42	18.18	PK
3	5700	63.34	105.20	-41.86	45.11	18.23	PK
4	5716.159	68.54	109.73	-41.19	50.22	18.32	PK
5	5720	66.48	110.80	-44.32	48.13	18.35	PK
6	5725	68.79	122.20	-53.41	50.41	18.38	PK
7	5750.652	115.99	131.20	-15.21	97.48	18.51	PK



Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 3: Transmit (802.11n/ac-40BW) (5795MHz)
Test Date	:	2020/09/30

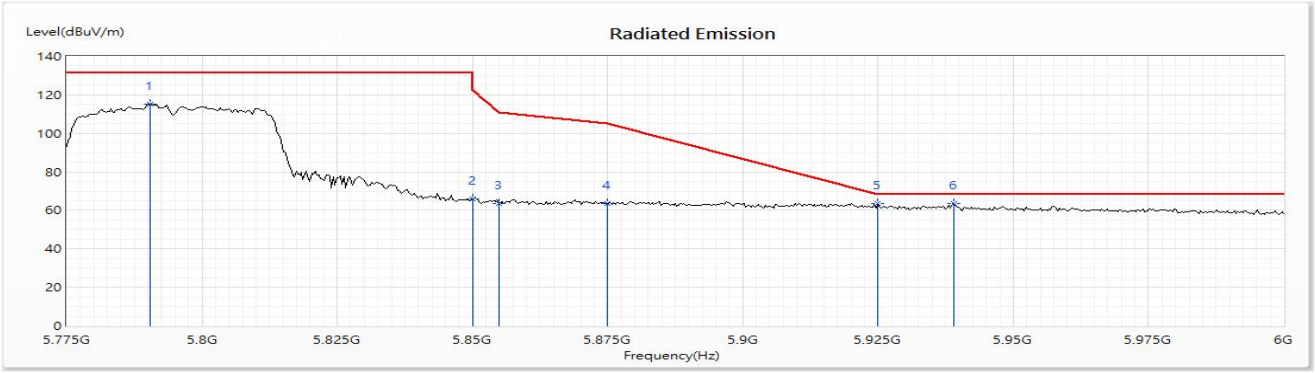
Horizontal

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5798.478	119.61	131.20	-11.59	101.05	18.56	PK
2	5850	67.16	122.20	-55.04	48.64	18.52	PK
3	5855	67.18	110.80	-43.62	48.69	18.49	PK
4	5875	66.08	105.20	-39.12	47.64	18.44	PK
* 5	5925	66.32	68.20	-1.88	47.93	18.39	PK



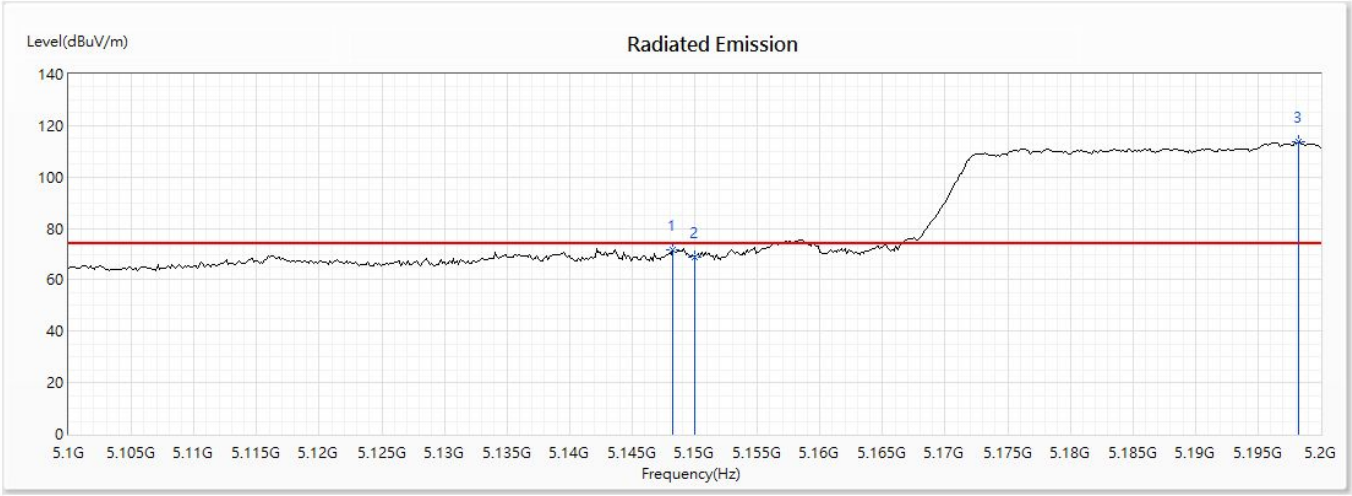
Vertical

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5790.326	115.28	131.20	-15.92	96.73	18.55	PK
2	5850	65.93	122.20	-56.27	47.41	18.52	PK
3	5855	63.67	110.80	-47.13	45.18	18.49	PK
4	5875	63.44	105.20	-41.76	45.00	18.44	PK
5	5925	63.33	68.20	-4.87	44.94	18.39	PK
* 6	5939.022	63.42	68.20	-4.78	45.01	18.41	PK



Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5210MHz)
Test Date	:	2020/09/30

Horizontal



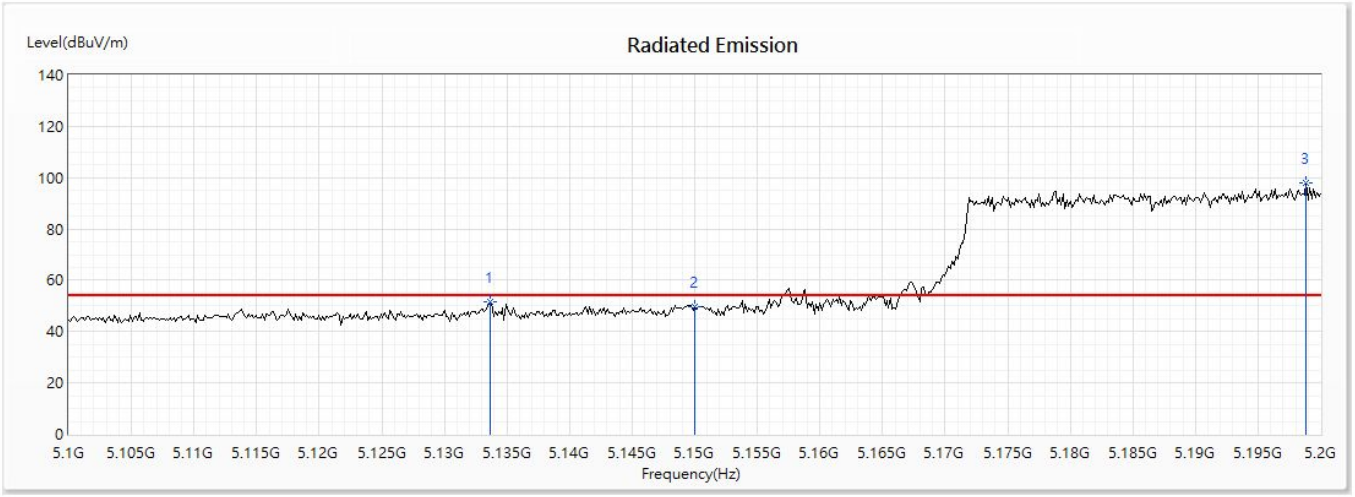
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5148.261	71.75	74.00	-2.25	54.57	17.18	PK
2	5150	69.04	74.00	-4.96	51.86	17.18	PK
! 3	5198.261	113.49	--	--	95.94	17.55	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5210MHz)
Test Date	:	2020/09/30

Horizontal



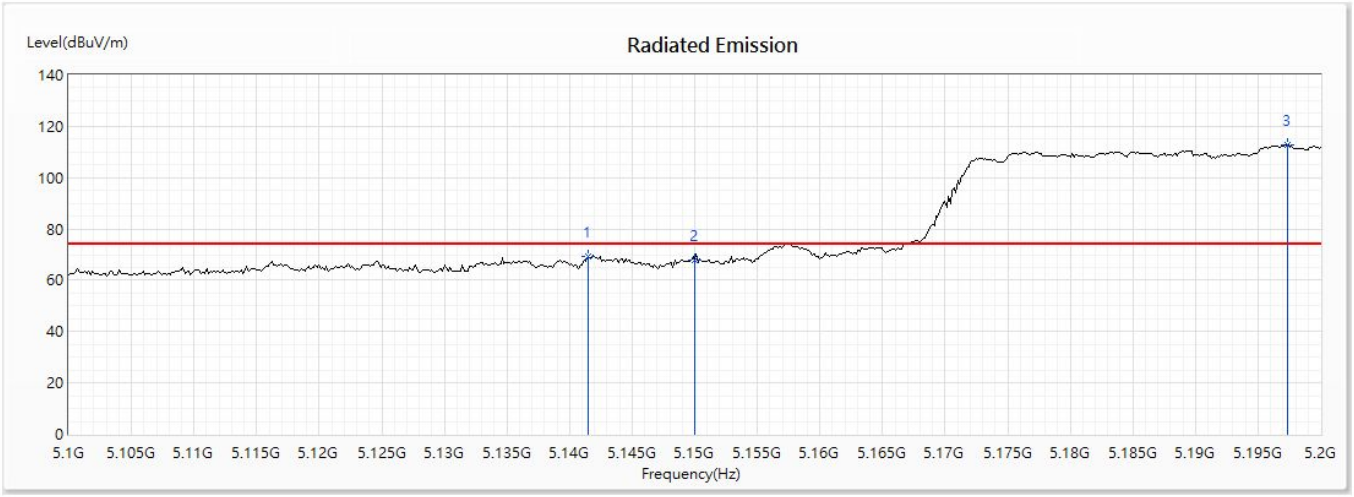
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5133.623	51.56	54.00	-2.44	34.49	17.07	AV
2	5150	49.54	54.00	-4.46	32.36	17.18	AV
! 3	5198.841	97.84	--	--	80.28	17.56	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5210MHz)
Test Date	:	2020/09/30

Vertical



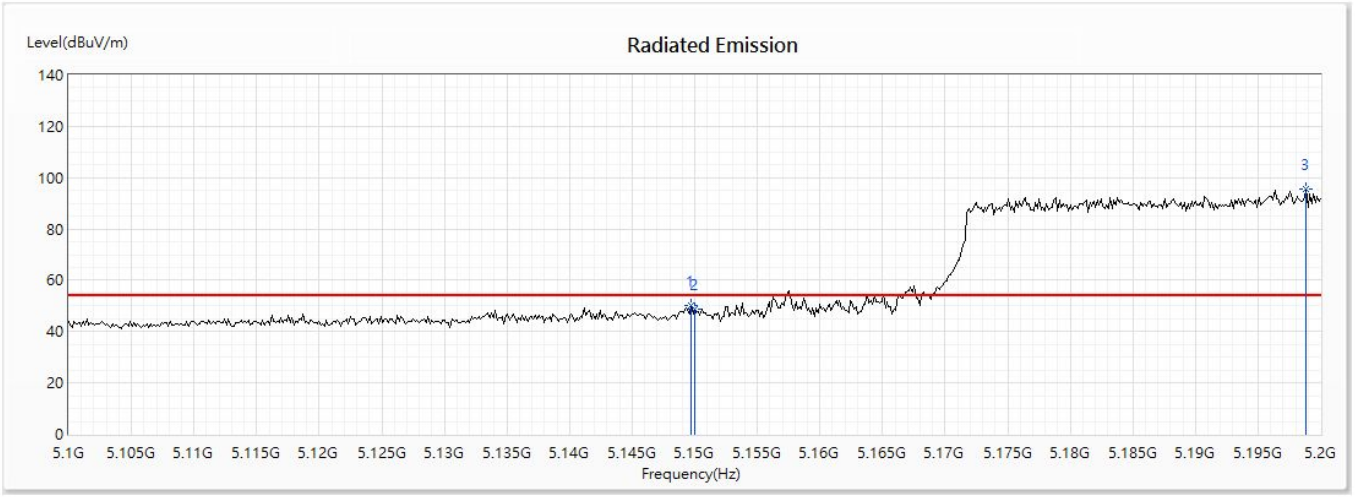
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5141.449	69.36	74.00	-4.64	52.24	17.12	PK
2	5150	67.95	74.00	-6.05	50.77	17.18	PK
! 3	5197.391	112.63	--	--	95.09	17.54	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item	:	Band Edge Data
Test Mode	:	Mode 4: Transmit (802.11ac-80BW) (5210MHz)
Test Date	:	2020/09/30

Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5149.71	50.27	54.00	-3.73	33.09	17.18	AV
2	5150	48.59	54.00	-5.41	31.41	17.18	AV
! 3	5198.841	95.43	--	--	77.87	17.56	AV

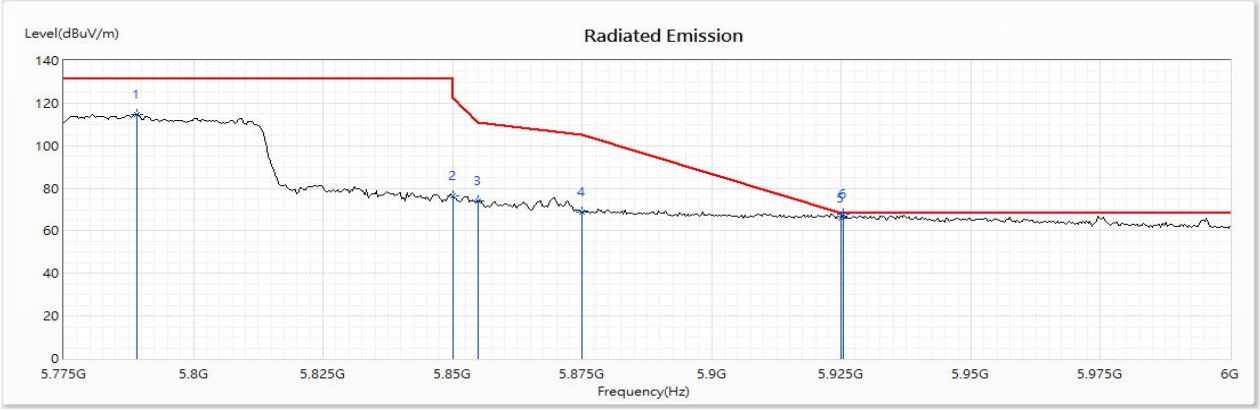
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item : Band Edge Data
Test Mode : Mode 4: Transmit (802.11ac-80BW) (5775MHz)
Test Date : 2020/09/30

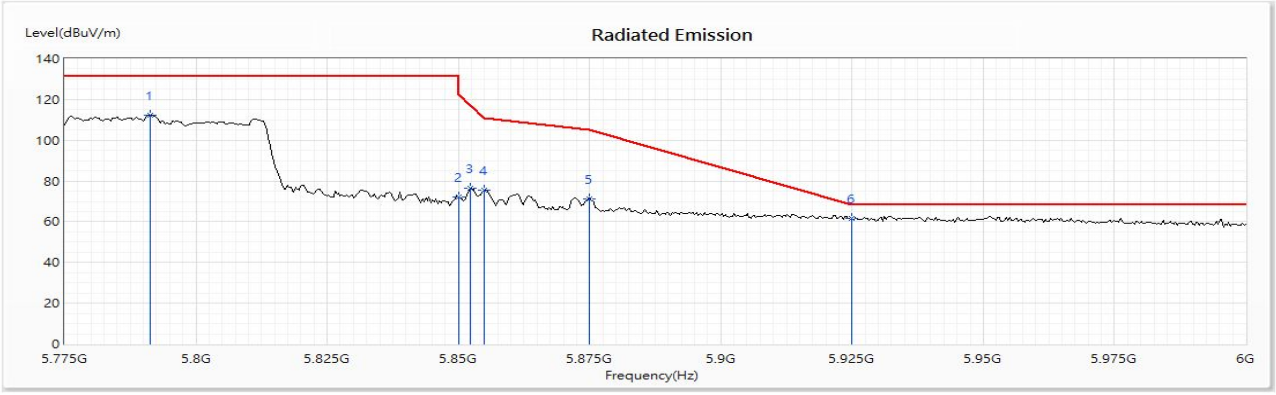
Horizontal

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5789.022	114.86	131.20	-16.34	96.30	18.56	PK
2	5850	76.62	122.20	-45.58	58.10	18.52	PK
3	5855	74.13	110.80	-36.67	55.64	18.49	PK
4	5875	68.85	105.20	-36.35	50.41	18.44	PK
5	5925	66.13	68.20	-2.07	47.74	18.39	PK
* 6	5925.326	67.66	68.20	-0.54	49.27	18.39	PK



Vertical

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB/m)	Detector Type
1	5791.304	112.39	131.20	-18.81	93.83	18.56	PK
2	5850	72.29	122.20	-49.91	53.77	18.52	PK
3	5852.283	76.35	116.99	-40.64	57.85	18.50	PK
4	5855	75.48	110.80	-35.32	56.99	18.49	PK
5	5875	71.20	105.20	-34.00	52.76	18.44	PK
* 6	5925	61.46	68.20	-6.74	43.07	18.39	PK



Product : Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item : Band Edge Data
Test Mode : Mode 1: Transmit (802.11a)

Chain A

Test Frequency (MHz)	Measurement Level (MHz)	Limit (MHz)	Result
5240	5248.39	<5250	PASS

Chain B

Test Frequency (MHz)	Measurement Level (MHz)	Limit (MHz)	Result
5240	5248.32	<5250	PASS

Chain C

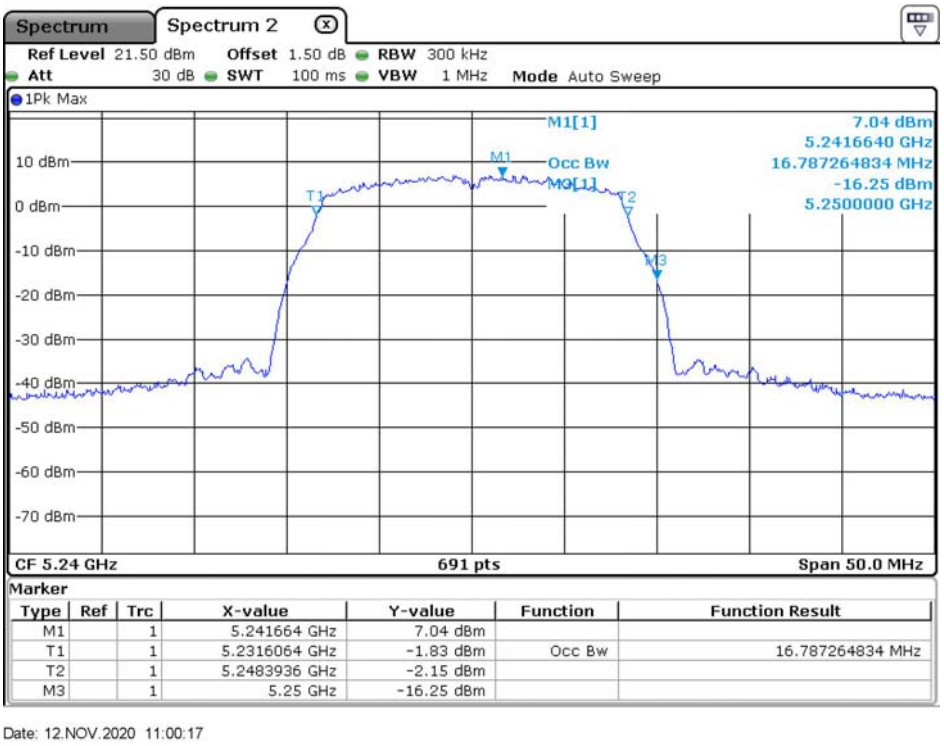
Test Frequency (MHz)	Measurement Level (MHz)	Limit (MHz)	Result
5240	5248.39	<5250	PASS

Chain D

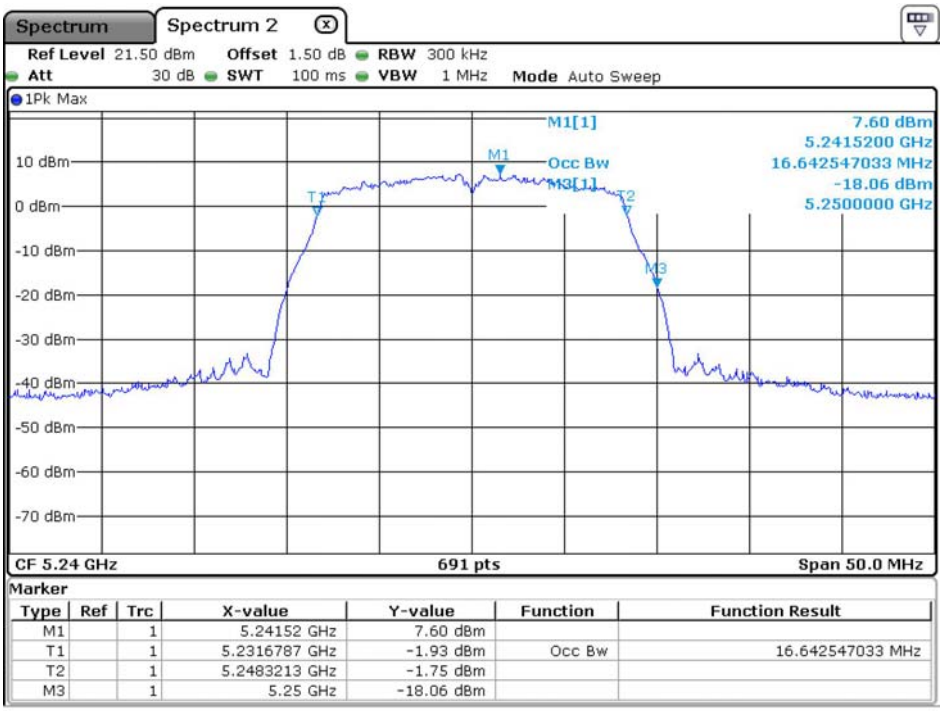
Test Frequency (MHz)	Measurement Level (MHz)	Limit (MHz)	Result
5240	5248.32	<5250	PASS

Note: The test item setting is 99% BW.

Chain A



Chain B

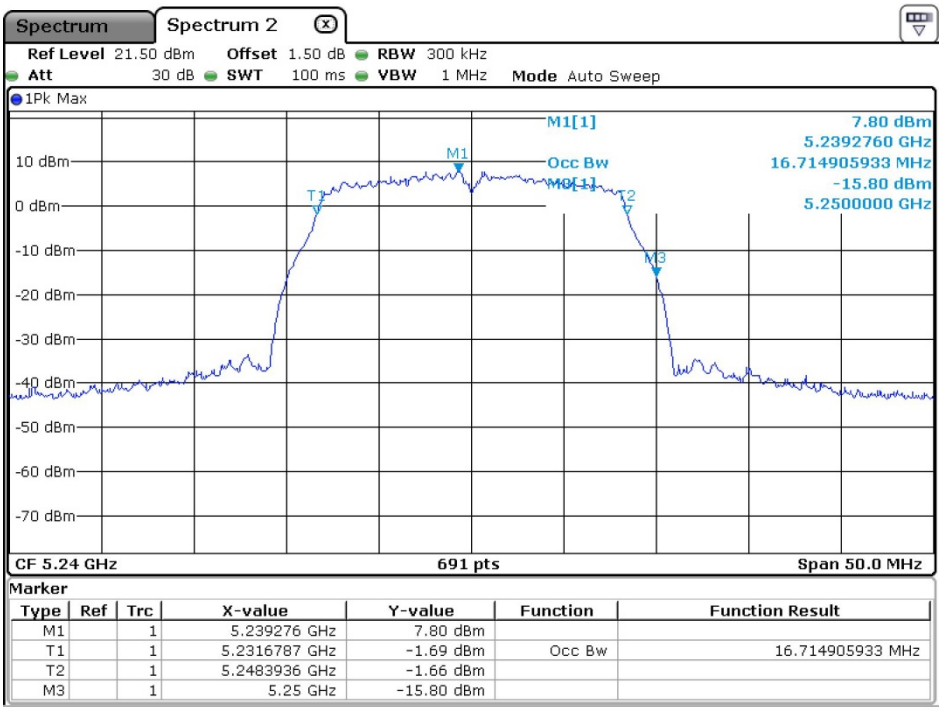


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.24152 GHz	7.60 dBm		
T1		1	5.2316787 GHz	-1.93 dBm	Occ Bw	16.642547033 MHz
T2		1	5.2483213 GHz	-1.75 dBm		
M3		1	5.25 GHz	-18.06 dBm		

Date: 12.NOV.2020 11:03:50

Chain C

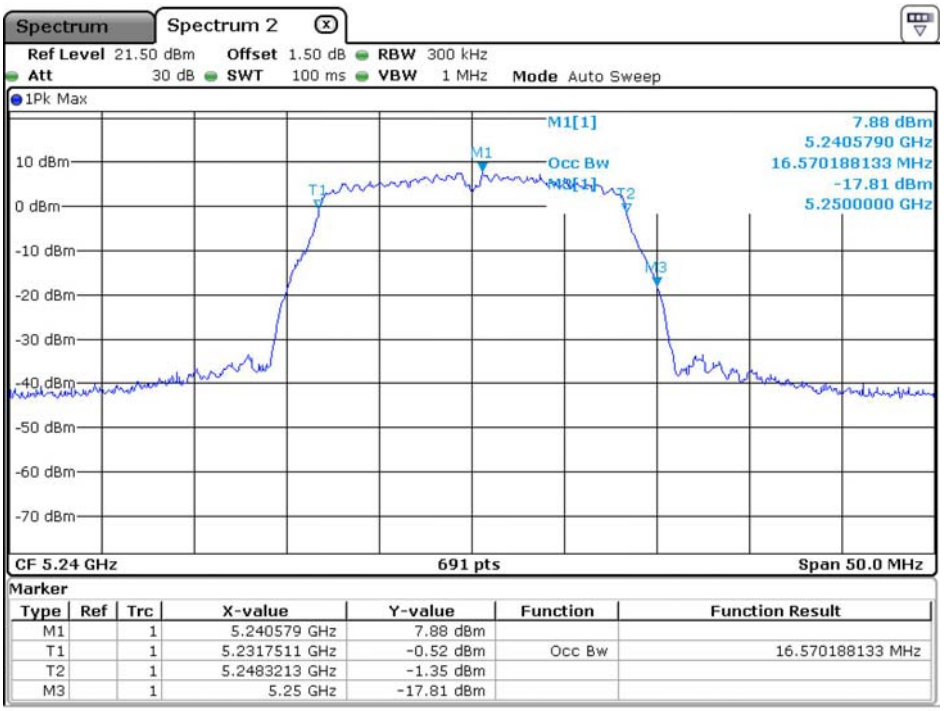


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.239276 GHz	7.80 dBm		
T1		1	5.2316787 GHz	-1.69 dBm	Occ Bw	16.714905933 MHz
T2		1	5.2483936 GHz	-1.66 dBm		
M3		1	5.25 GHz	-15.80 dBm		

Date: 12.NOV.2020 11:04:47

Chain D



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.240579 GHz	7.88 dBm		
T1		1	5.2317511 GHz	-0.52 dBm	Occ Bw	16.570188133 MHz
T2		1	5.2483213 GHz	-1.35 dBm		
M3		1	5.25 GHz	-17.81 dBm		

Date: 12.NOV.2020 11:06:51

Product : Gigabit LTE Multi-Service Router / LTE Dual-SIM Dual-Band Wireless VoIP VPN Router
Test Item : Band Edge Data
Test Mode : Mode 2: Transmit (802.11n/ac-20BW)

Chain A

Test Frequency (MHz)	Measurement Level (MHz)	Limit (MHz)	Result
5240	5248.90	<5250	PASS

Chain B

Test Frequency (MHz)	Measurement Level (MHz)	Limit (MHz)	Result
5240	5248.83	<5250	PASS

Chain C

Test Frequency (MHz)	Measurement Level (MHz)	Limit (MHz)	Result
5240	5248.83	<5250	PASS

Chain D

Test Frequency (MHz)	Measurement Level (MHz)	Limit (MHz)	Result
5240	5248.83	<5250	PASS

Note: The test item setting is 99% BW.

Chain A