Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit - 802.11n-20BW_14.4Mbps(5G Band) (5785 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
208.480	-10.485	40.918	30.432	-13.068	43.500
332.640	-3.895	37.497	33.602	-12.398	46.000
454.860	1.754	36.186	37.939	-8.061	46.000
619.760	2.074	36.621	38.695	-7.305	46.000
761.380	5.145	34.185	39.329	-6.671	46.000
951.500	6.993	25.655	32.648	-13.352	46.000
Vertical					
173.560	-2.713	33.487	30.774	-12.726	43.500
282.200	-5.794	38.252	32.458	-13.542	46.000
386.960	-0.708	37.443	36.735	-9.265	46.000
544.100	1.503	36.316	37.819	-8.181	46.000
728.400	-0.799	37.684	36.884	-9.116	46.000
920.460	3.272	27.173	30.445	-15.555	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit - 802.11n-40BW_30Mbps(5G Band) (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
210.420	-10.427	38.910	28.483	-15.017	43.500
363.680	0.189	33.772	33.961	-12.039	46.000
483.960	1.462	38.174	39.636	-6.364	46.000
625.580	1.419	36.956	38.376	-7.624	46.000
784.660	5.526	32.238	37.764	-8.236	46.000
949.560	7.036	23.409	30.445	-15.555	46.000
Vertical					
183.260	-3.735	31.665	27.930	-15.570	43.500
272.500	-6.388	39.717	33.329	-12.671	46.000
412.180	-5.121	41.204	36.083	-9.917	46.000
619.760	0.474	35.602	36.076	-9.924	46.000
759.440	2.110	35.674	37.784	-8.216	46.000
930.160	3.830	32.412	36.242	-9.758	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 3 MIMO: Transmit - 802.11ac-80BW_65Mbps(5G Band) (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
173.560	-9.543	37.789	28.246	-15.254	43.500
324.880	-4.510	38.345	33.835	-12.165	46.000
441.280	0.444	35.161	35.605	-10.395	46.000
598.420	3.524	34.461	37.985	-8.015	46.000
773.020	5.145	31.634	36.779	-9.221	46.000
941.800	6.790	24.365	31.155	-14.845	46.000
Vertical					
194.900	-5.673	33.500	27.827	-15.673	43.500
350.100	-1.278	35.584	34.306	-11.694	46.000
482.020	-3.046	37.911	34.865	-11.135	46.000
629.460	-1.028	38.652	37.624	-8.376	46.000
800.180	2.637	34.437	37.074	-8.926	46.000
953.440	3.015	25.136	28.151	-17.849	46.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band) (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
173.560	-9.543	42.876	33.333	-10.167	43.500
307.420	-4.120	34.020	29.900	-16.100	46.000
452.920	1.290	34.994	36.284	-9.716	46.000
586.780	3.246	33.182	36.428	-9.572	46.000
757.500	5.107	22.125	27.232	-18.768	46.000
910.760	6.484	25.449	31.933	-14.067	46.000
Vertical					
192.960	-5.655	27.921	22.266	-21.234	43.500
352.040	-1.292	27.369	26.077	-19.923	46.000
495.600	-1.237	37.736	36.499	-9.501	46.000
631.400	-1.454	38.302	36.848	-9.152	46.000
763.320	1.913	35.257	37.170	-8.830	46.000
914.640	-0.980	27.694	26.714	-19.286	46.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit - 802.11n-40BW_30Mbps(2.4G Band) (2437 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
227.880	-8.769	32.875	24.107	-21.893	46.000
355.920	-1.242	32.563	31.321	-14.679	46.000
485.900	1.316	35.446	36.762	-9.238	46.000
629.460	1.212	35.402	36.614	-9.386	46.000
778.840	5.180	30.634	35.814	-10.186	46.000
935.980	6.760	21.546	28.306	-17.694	46.000
Vertical					
161.920	-4.964	33.136	28.172	-15.328	43.500
293.840	-4.990	39.587	34.597	-11.403	46.000
441.280	-6.836	44.437	37.601	-8.399	46.000
588.720	-2.201	40.387	38.186	-7.814	46.000
761.380	1.925	36.823	38.747	-7.253	46.000
903.000	1.418	31.631	33.049	-12.951	46.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit - 802.11n-20BW_14.4Mbps(5G Band) (5785 MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
202.660	-10.183	41.337	31.155	-12.345	43.500
322.940	-4.536	38.916	34.381	-11.619	46.000
476.200	1.988	35.890	37.878	-8.122	46.000
617.820	2.438	35.103	37.541	-8.459	46.000
769.140	5.118	31.467	36.585	-9.415	46.000
941.800	6.790	23.844	30.634	-15.366	46.000
Vertical					
187.140	-5.607	30.619	25.012	-18.488	43.500
319.060	-4.135	35.922	31.787	-14.213	46.000
474.260	-3.486	40.626	37.140	-8.860	46.000
631.400	-1.454	34.336	32.882	-13.118	46.000
796.300	2.639	35.890	38.529	-7.471	46.000
968.960	3.936	28.193	32.129	-21.871	54.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit - 802.11n-40BW_30Mbps(5G Band) (5755MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
167.740	-9.816	38.385	28.569	-14.931	43.500
326.820	-4.499	38.054	33.555	-12.445	46.000
449.040	0.386	37.765	38.151	-7.849	46.000
631.400	1.266	35.481	36.747	-9.253	46.000
769.140	5.118	32.463	37.581	-8.419	46.000
945.680	6.910	22.403	29.313	-16.687	46.000
Vertical					
200.720	-5.676	34.764	29.088	-14.412	43.500
361.740	-0.646	33.760	33.113	-12.887	46.000
501.420	-0.101	38.374	38.273	-7.727	46.000
660.500	-1.111	37.368	36.257	-9.743	46.000
811.820	2.851	30.683	33.534	-12.466	46.000
968.960	3.936	25.296	29.232	-24.768	54.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : General Radiated Emission Data
Test Site : No.3 OATS
Test Mode : Mode 4 Beamforming: Transmit - 802.11ac-80BW_65Mbps(5G Band) (5775MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
167.740	-9.816	37.930	28.114	-15.386	43.500
299.660	-4.751	37.216	32.465	-13.535	46.000
429.640	0.630	38.180	38.809	-7.191	46.000
588.720	3.289	35.782	39.071	-6.929	46.000
765.260	5.091	32.720	37.811	-8.189	46.000
937.920	6.750	26.168	32.918	-13.082	46.000
Vertical					
177.440	-1.248	32.033	30.785	-12.715	43.500
313.240	-4.090	37.408	33.318	-12.682	46.000
480.080	-3.390	37.904	34.514	-11.486	46.000
610.060	2.087	36.403	38.490	-7.510	46.000
776.900	2.067	37.077	39.144	-6.856	46.000
974.780	-2.051	31.984	29.933	-24.067	54.000

Note:
1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. Measurement Level = Reading Level + Correct Factor.
5. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. No emission found between lowest internal used/generated frequency to 30MHz.

5. RF antenna conducted test

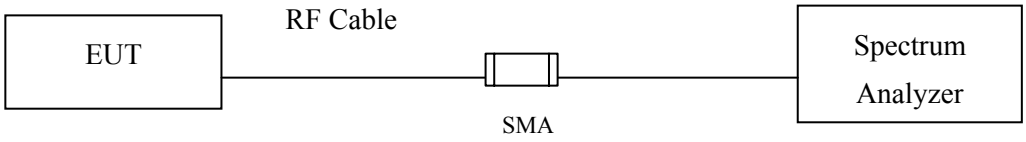
5.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2014
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2014
	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2015

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with "X" are used to measure the final test results.

5.2. Test Setup

RF antenna Conducted Measurement:



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

Note: Channel 5775 MHz was tested using the procedure in KDB 558074, section 9.2.2.2.
Non-restricted frequency bands must comply with the KDB 558074, section 11.1 b) requirement.

5.4. Test Procedure

The EUT was tested according to DTS test procedure of Jan. 2012 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 100 kHz, Set VBW ≥ 3 x RBW, scan up through 10th harmonic.

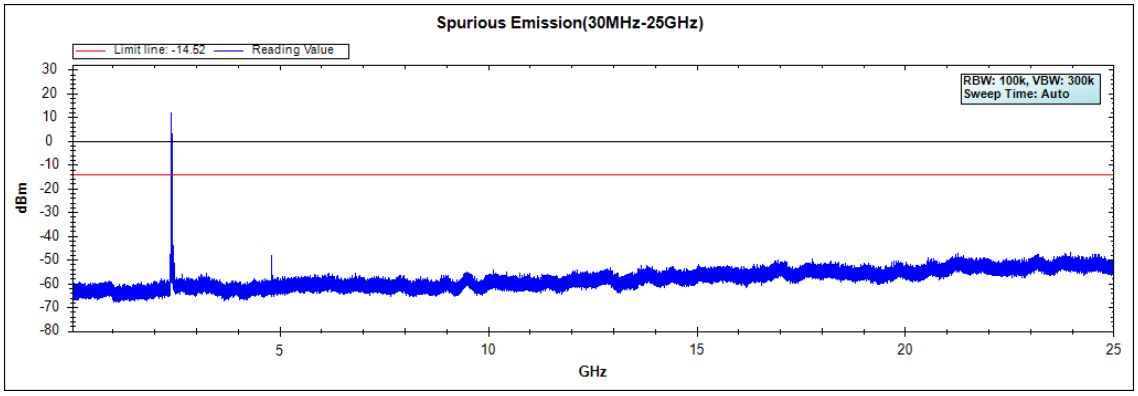
5.5. Uncertainty

The measurement uncertainty
Conducted is defined as ± 1.27dB

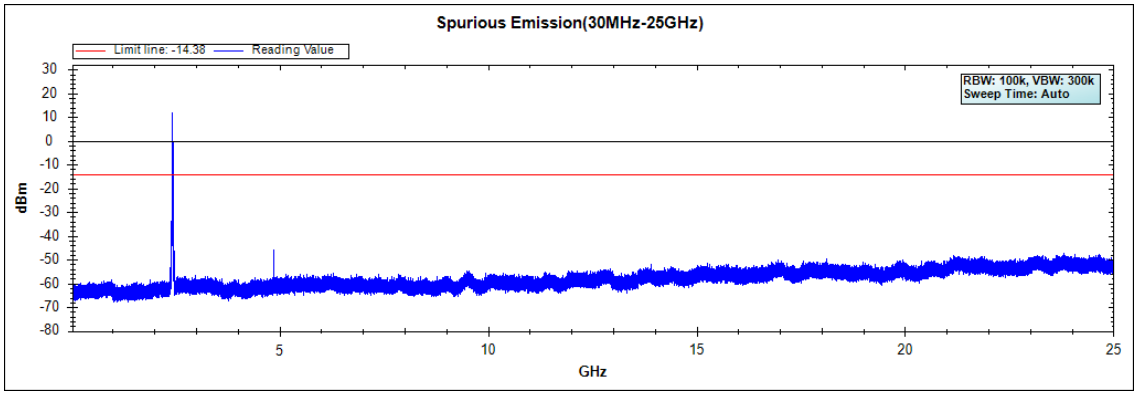
5.6. Test Result of RF antenna conducted test

Product : Intel® Dual Band Wireless-AC 8260
Test Item : RF antenna conducted test
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps)

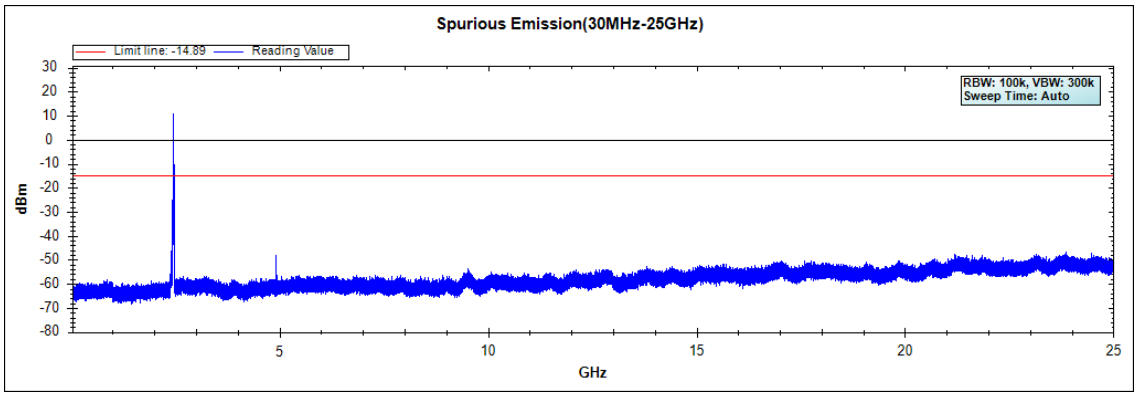
Channel 01 (2412MHz) 30MHz-25GHz



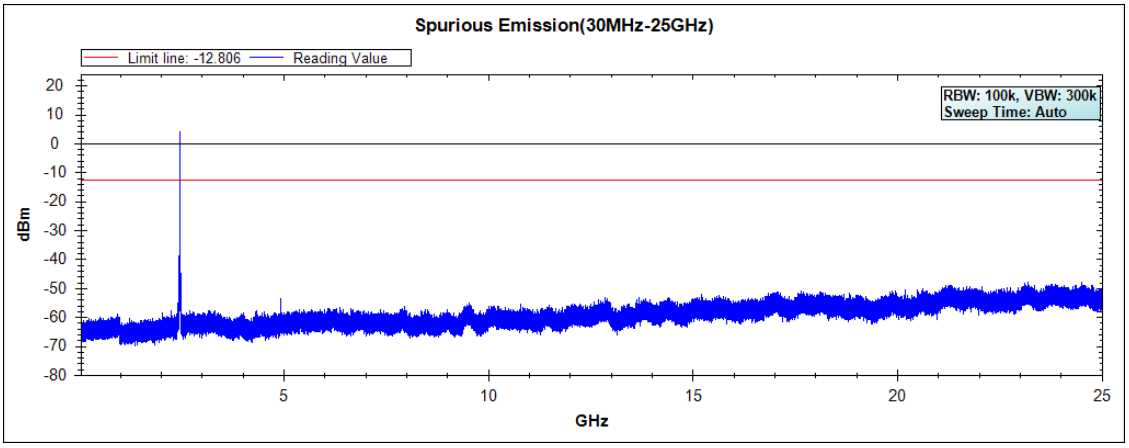
Channel 06 (2437MHz) 30MHz -25GHz



Channel 11 (2462MHz) 30MHz -25GHz



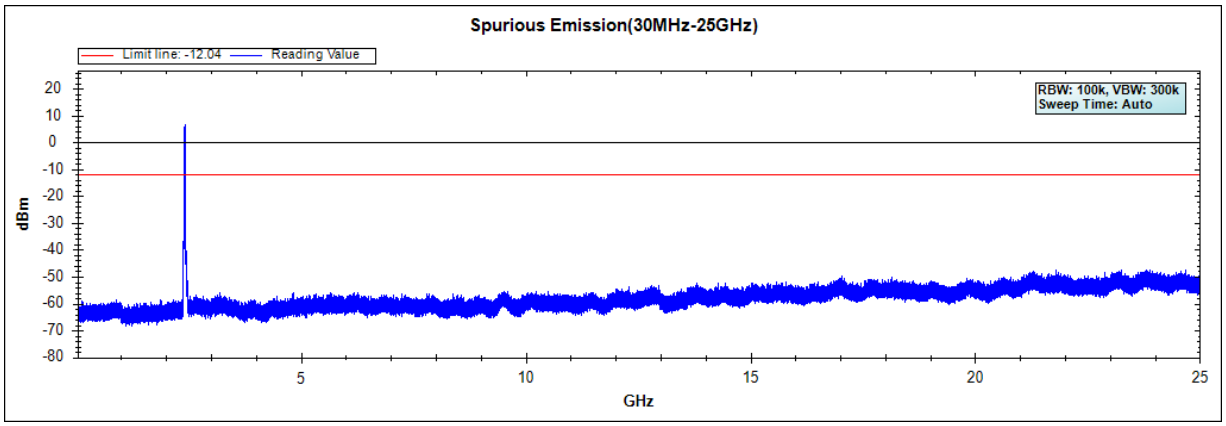
Channel 12 (2467MHz) 30MHz -25GHz



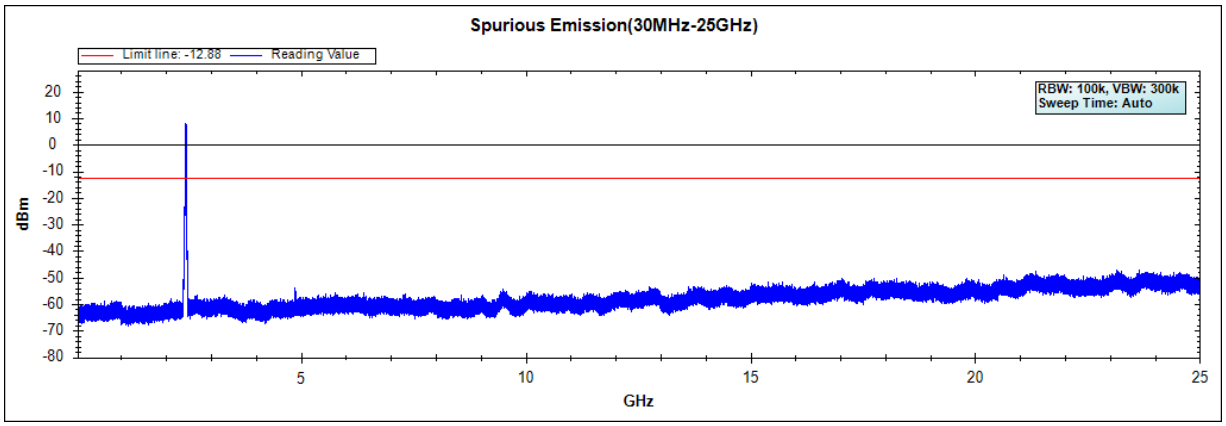
Note: The above test pattern is synthesized by multiple of the frequency range.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : RF Antenna Conducted Spurious
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

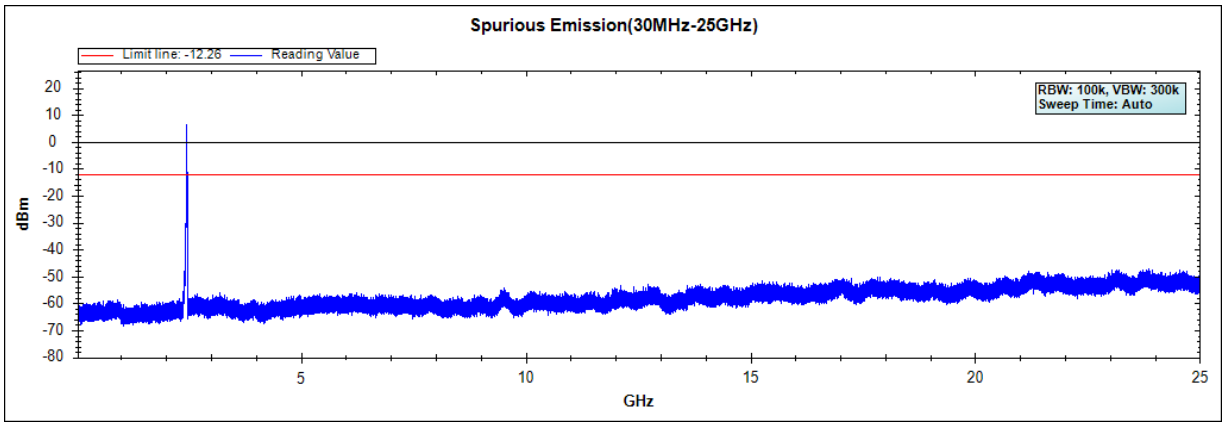
Channel 01 (2412MHz) 30MHz -25GHz



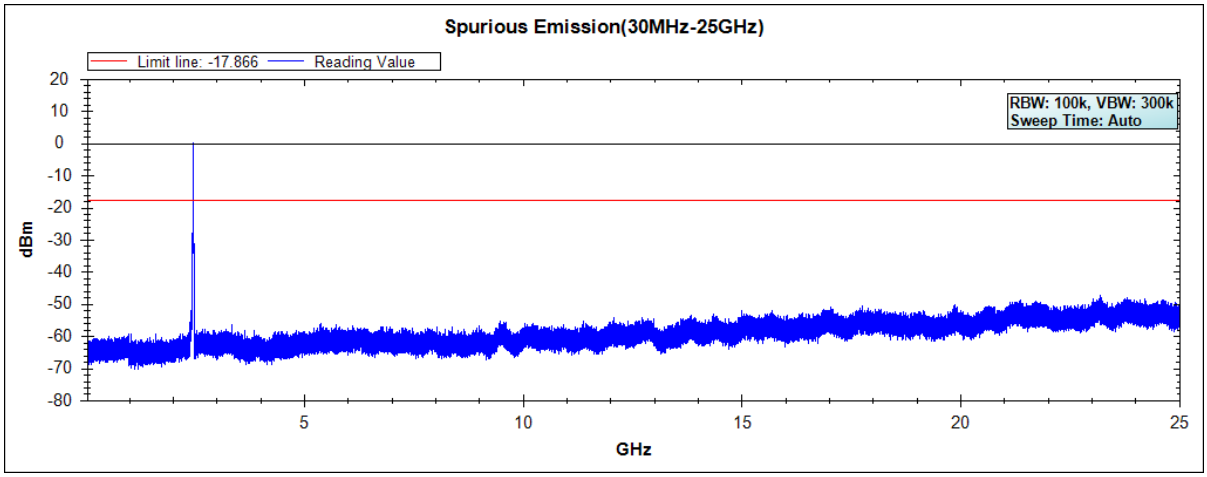
Channel 06 (2437MHz) 30MHz -25GHz



Channel 11 (2462MHz) 30MHz -25GHz



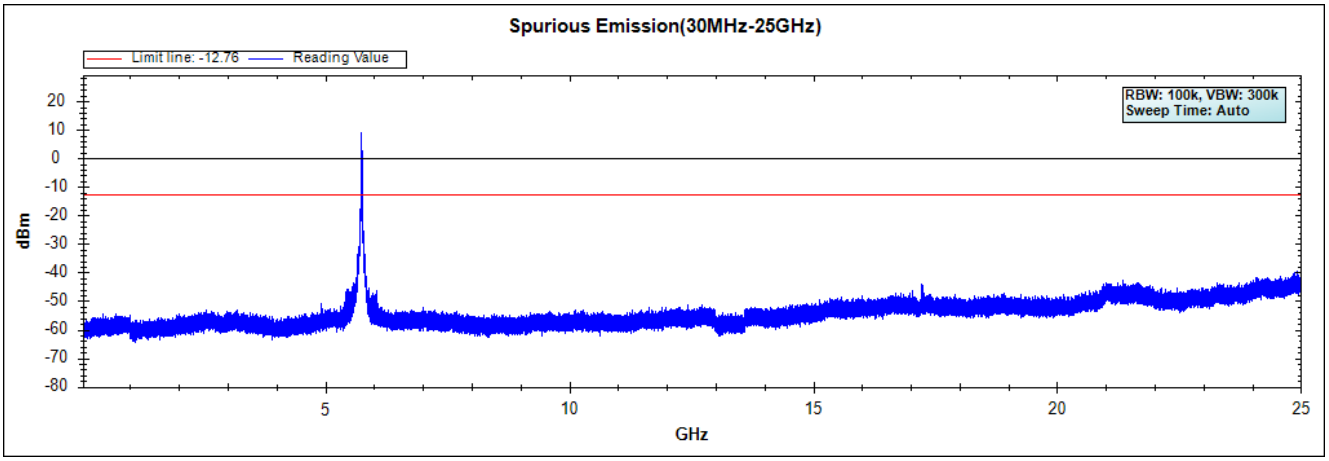
Channel 12 (2467MHz) 30MHz -25GHz

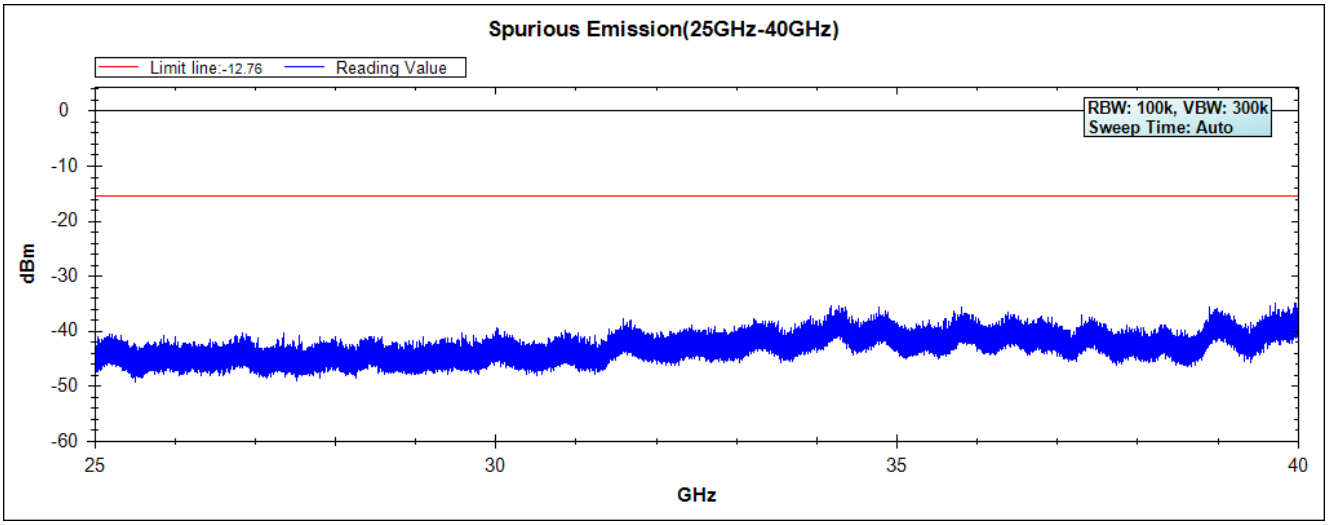


Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 1 SISO A: Transmit - 802.11a 6Mbps

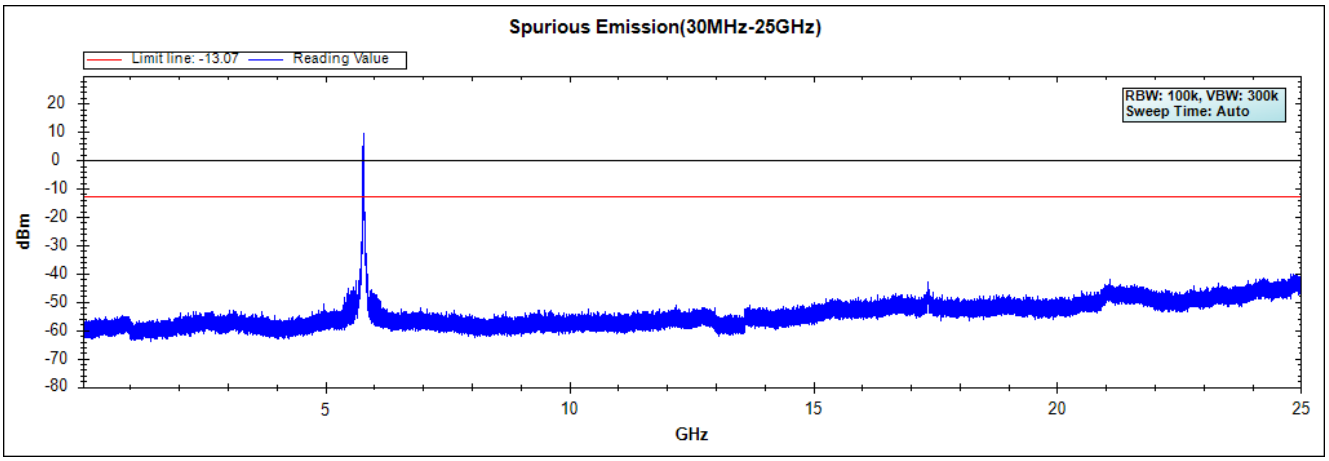
Channel 149 (5745MHz) 30MHz -40GHz

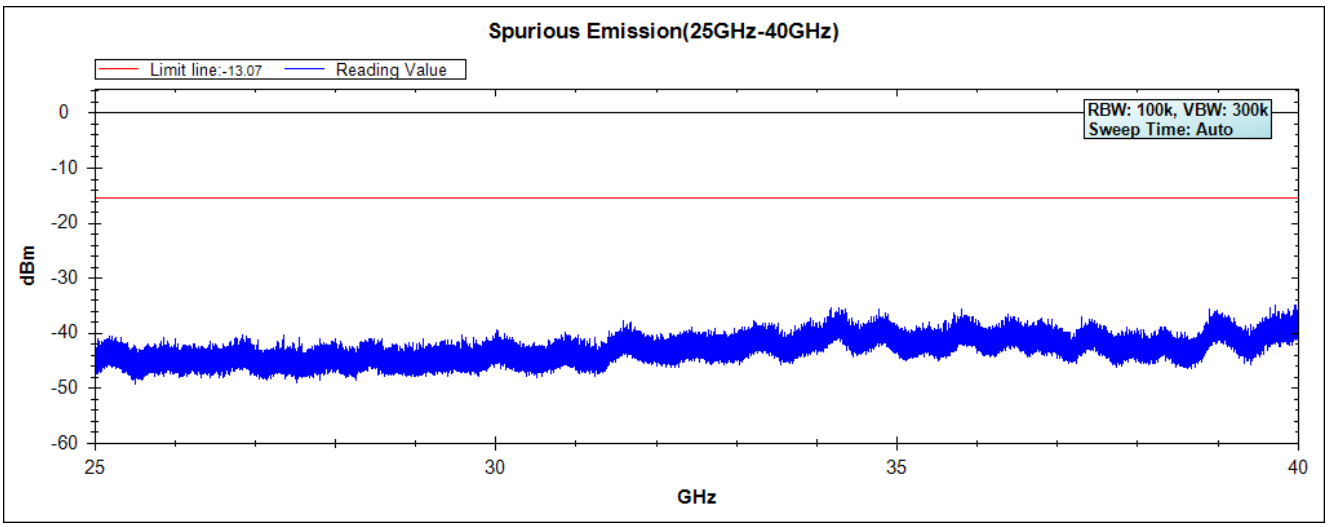




Note: The above test pattern is synthesized by multiple of the frequency range.

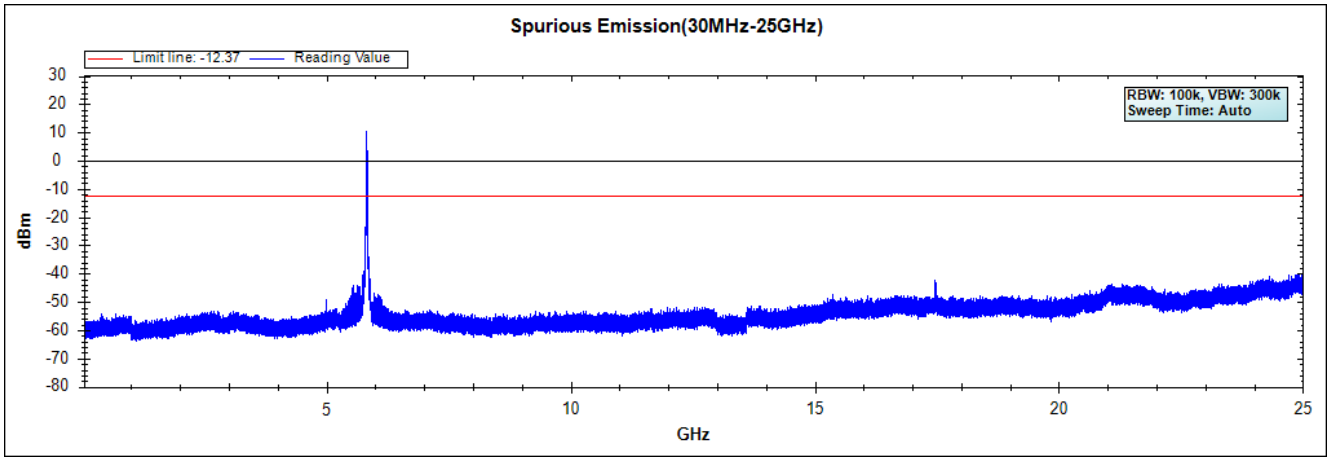
Channel 157 (5785MHz) 30MHz -40GHz

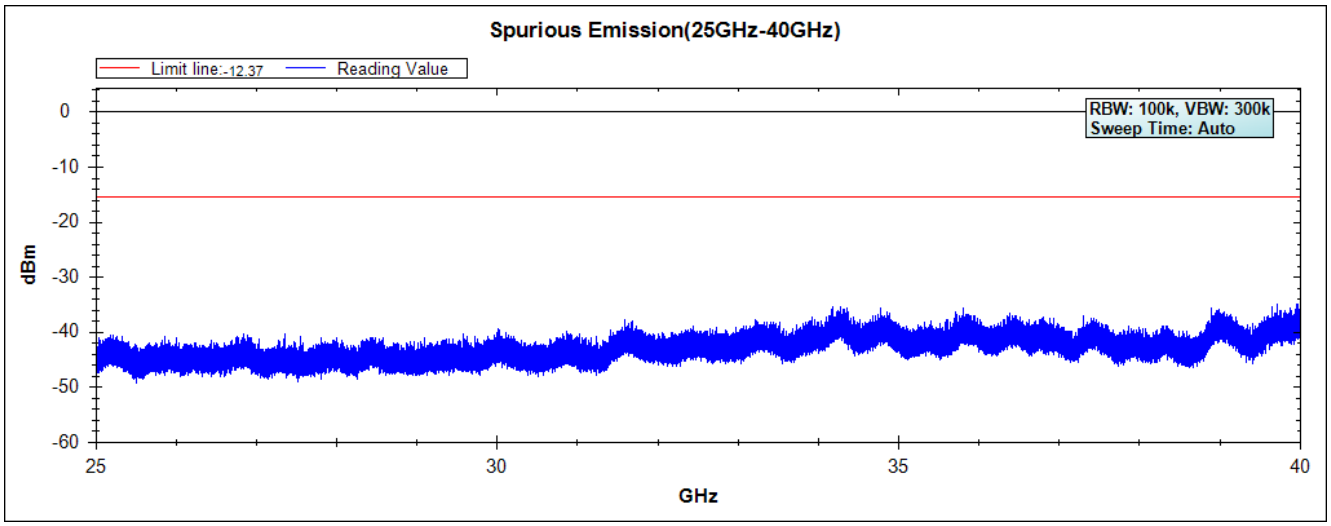




Note: The above test pattern is synthesized by multiple of the frequency range.

Channel 165 (5825MHz) 30MHz -40GHz

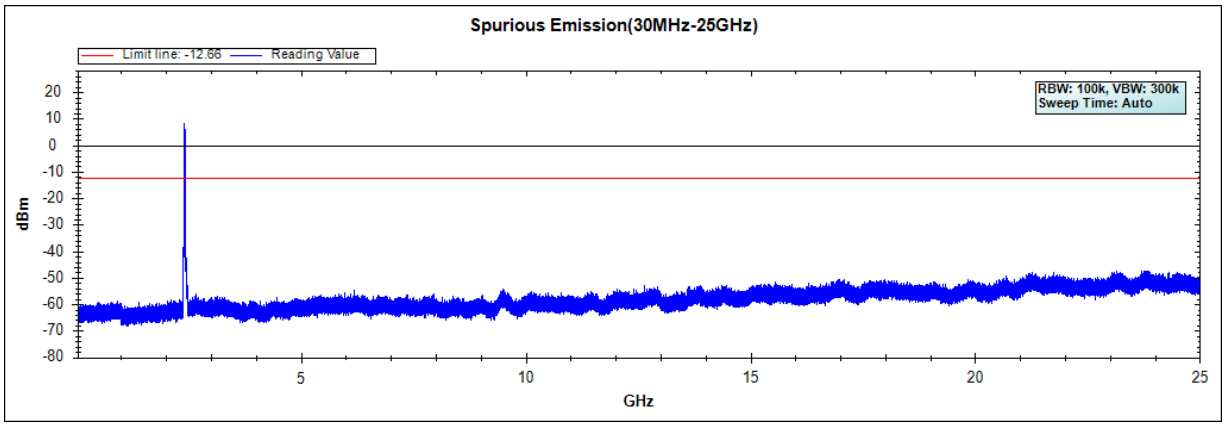




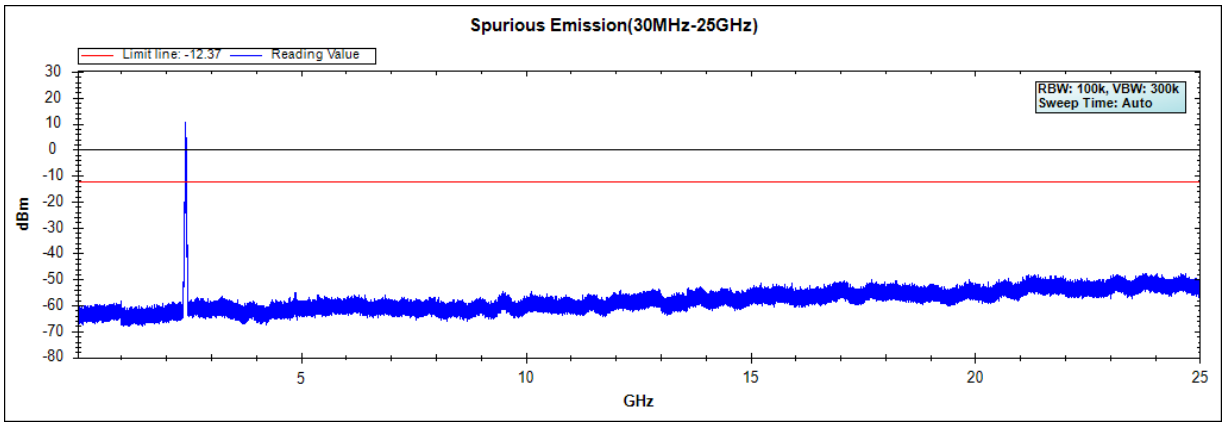
Note: The above test pattern is synthesized by multiple of the frequency range.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : RF Antenna Conducted Spurious
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(2.4G Band)

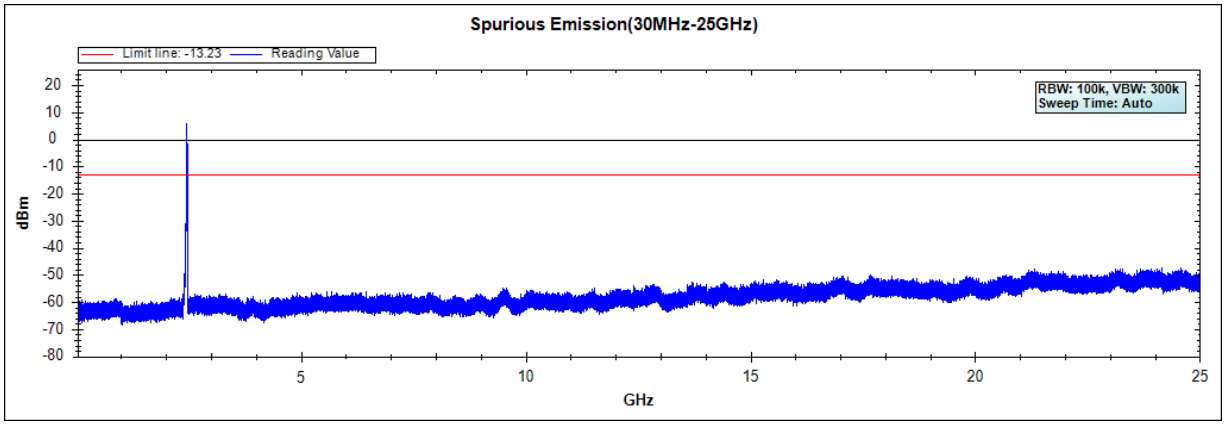
Channel 01 (2412MHz) 30MHz -25GHz



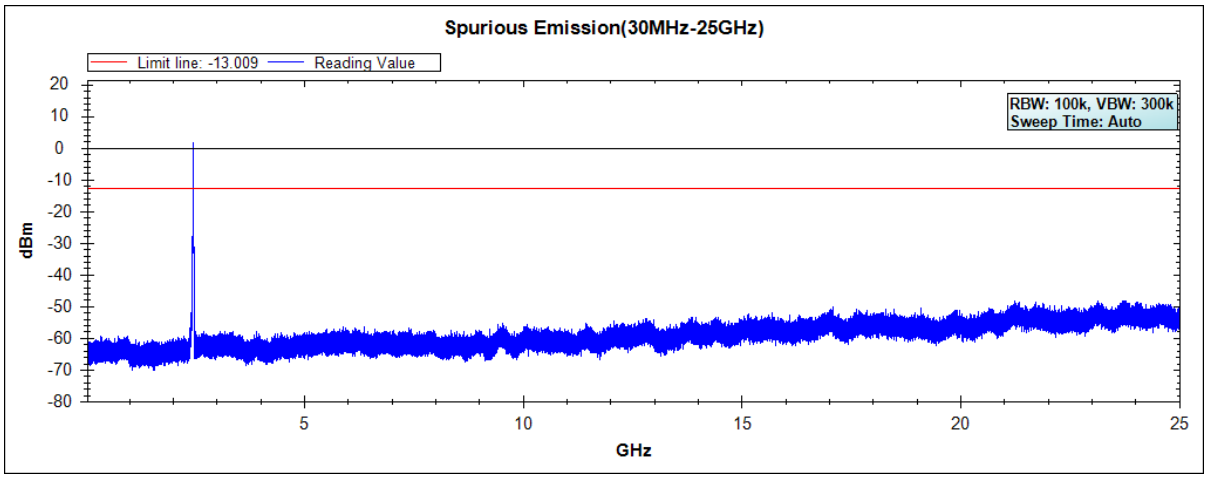
Channel 06 (2437MHz) 30MHz -25GHz



Channel 11 (2462MHz) 30MHz -25GHz



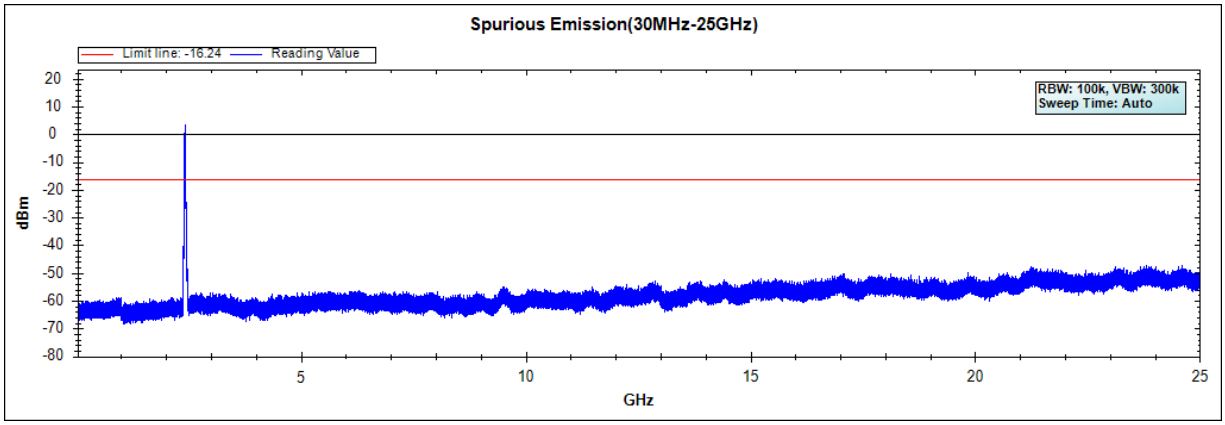
Channel 12 (2467MHz) 30MHz -25GHz



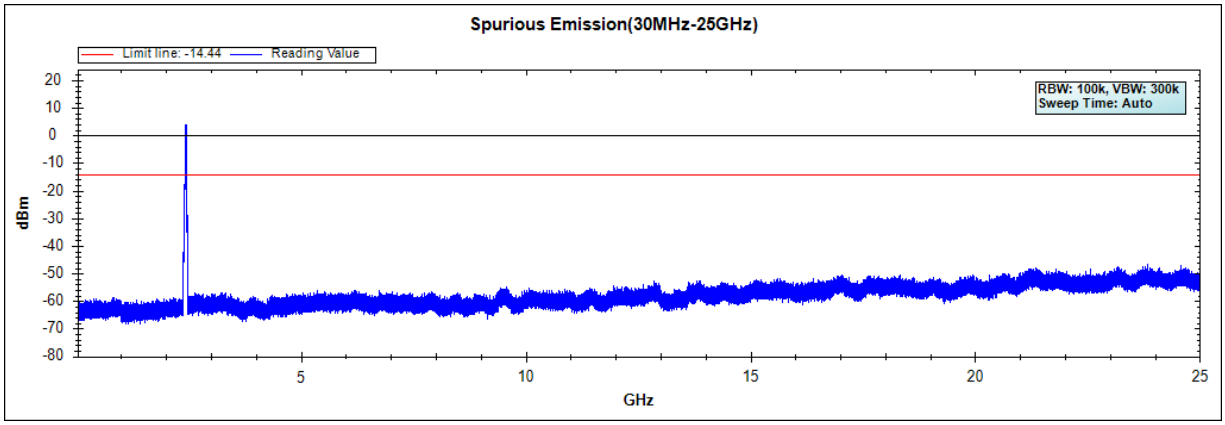
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(2.4G Band)

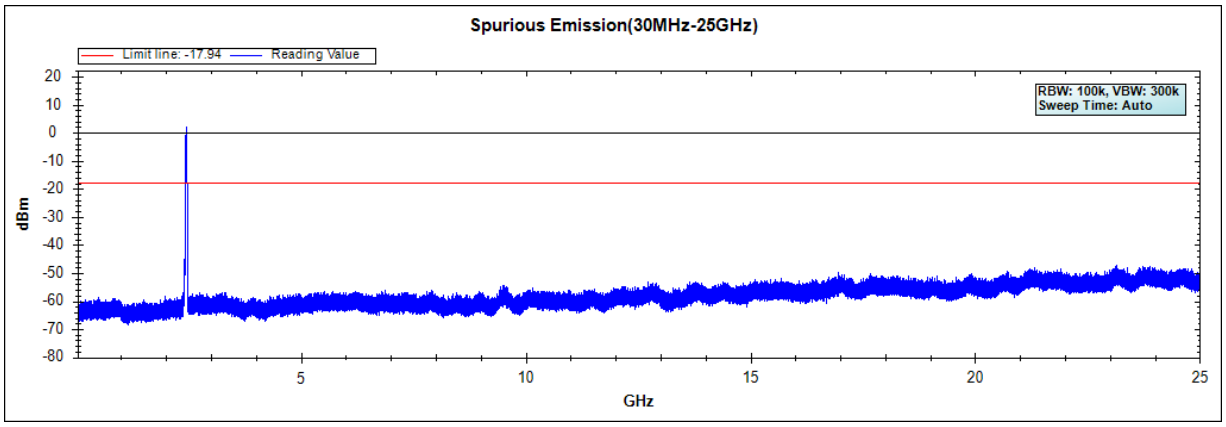
Channel 03 (2422MHz) 30MHz -25GHz



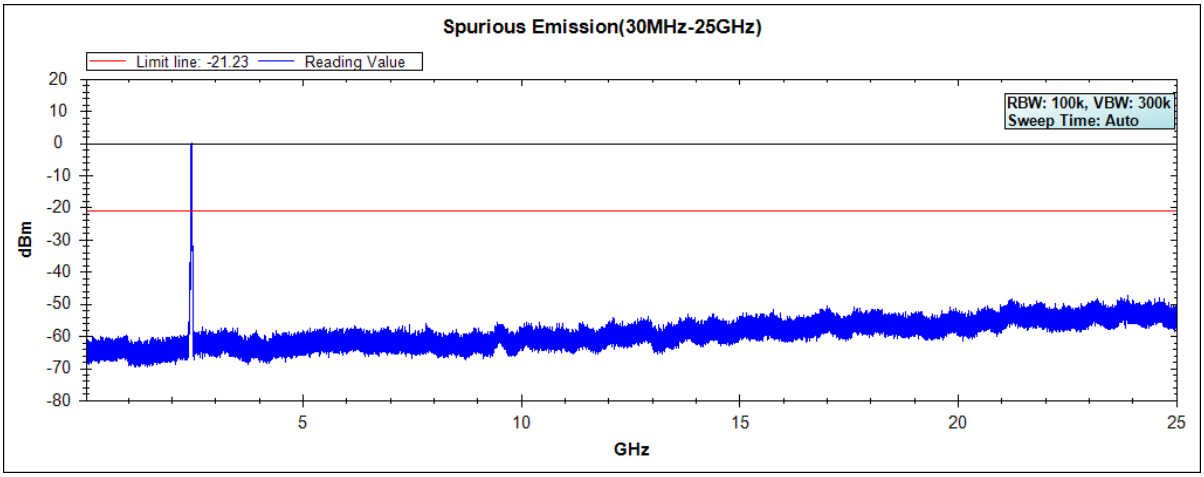
Channel 06 (2437MHz) 30MHz -25GHz



Channel 09 (2452MHz) 30MHz -25GHz



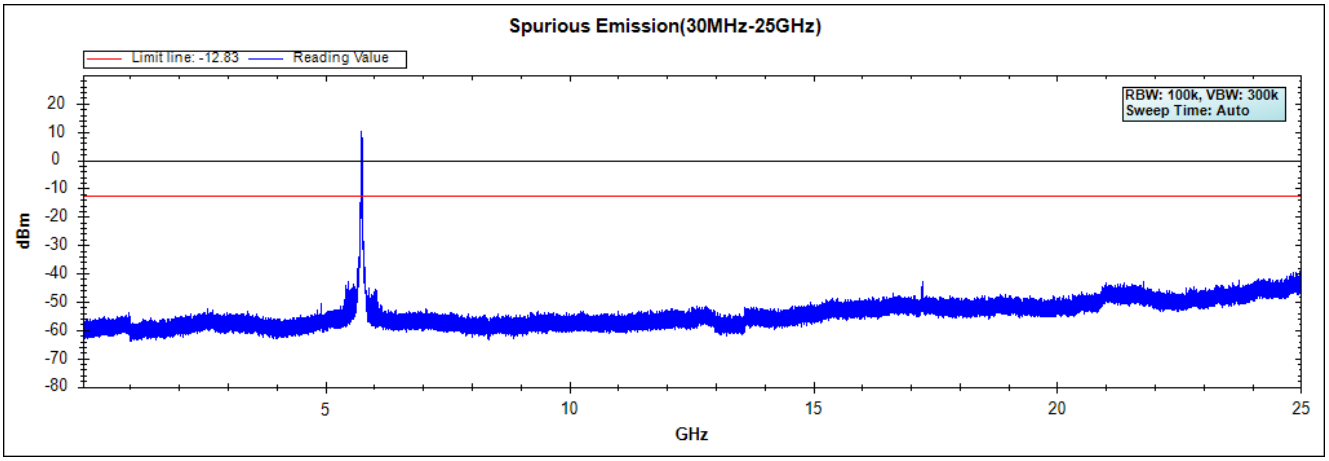
Channel 10 (2457MHz) 30MHz -25GHz

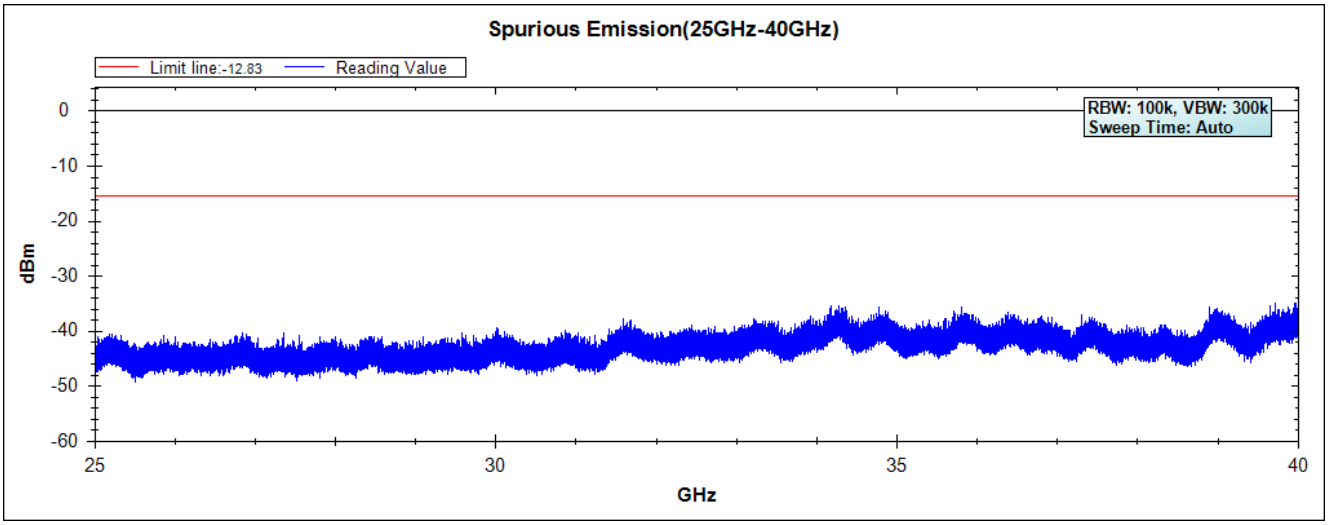


Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(5G Band)

Channel 49 (5745MHz) 30MHz -40GHz

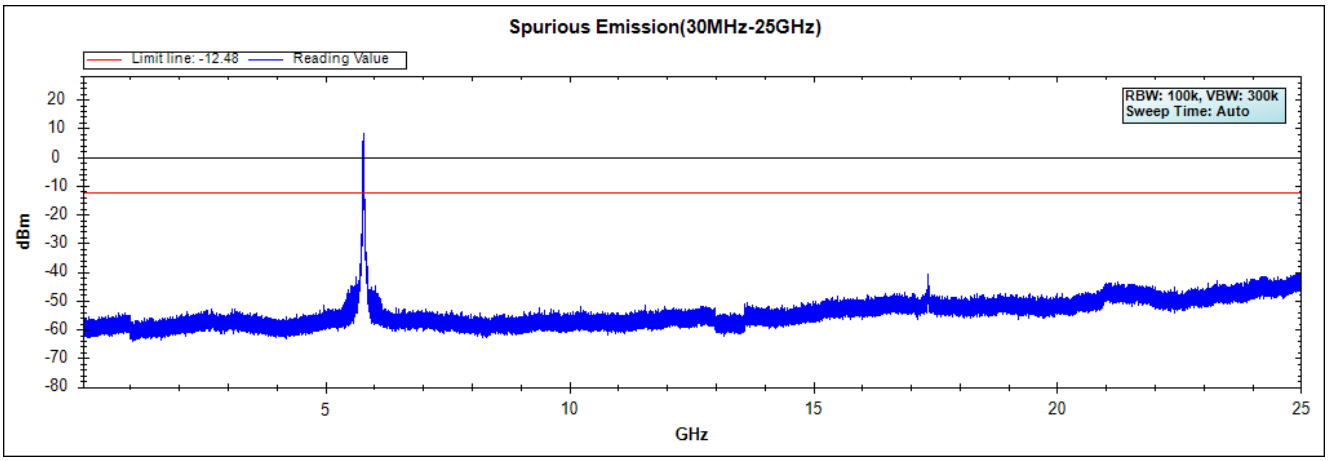


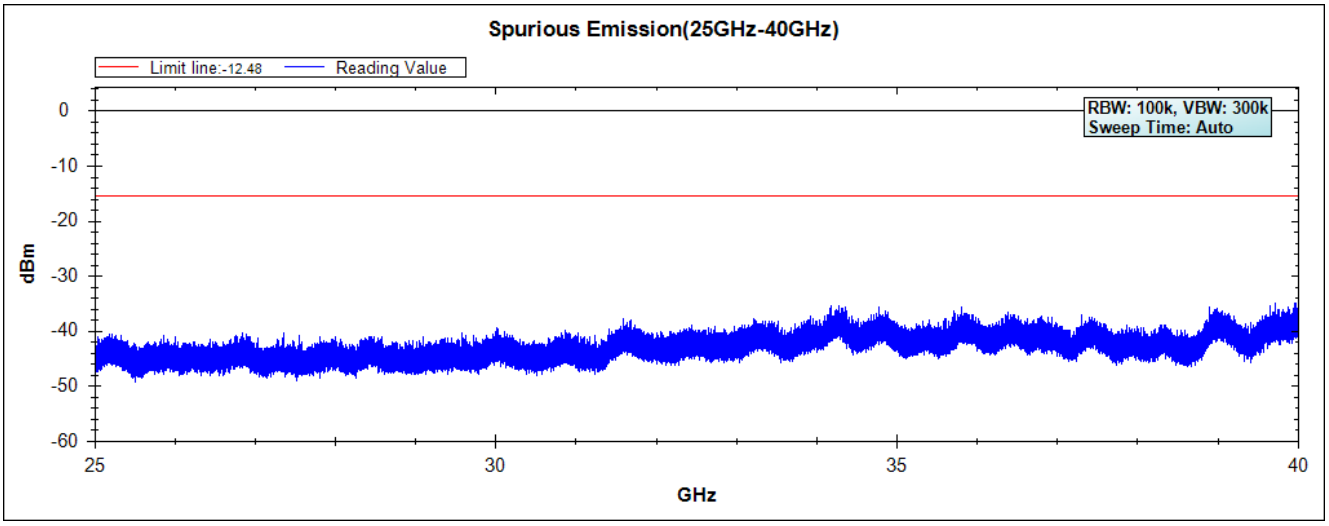


Note: The above test pattern is synthesized by multiple of the frequency range

.

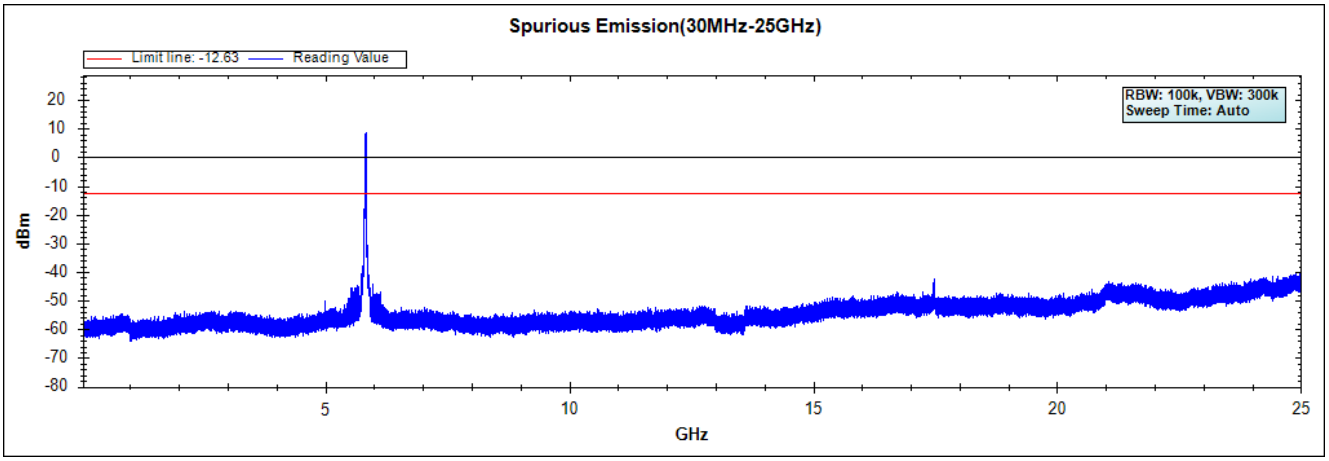
Channel 157 (5785MHz) 30MHz -40GHz

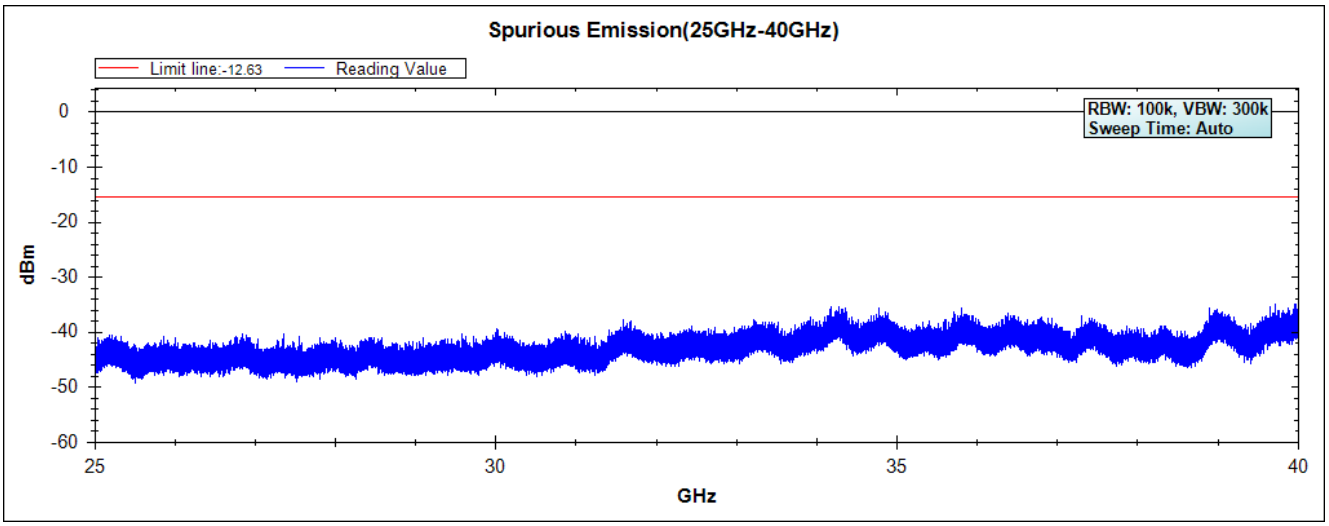




Note: The above test pattern is synthesized by multiple of the frequency range

Channel 165 (5825MHz) 30MHz -40GHz

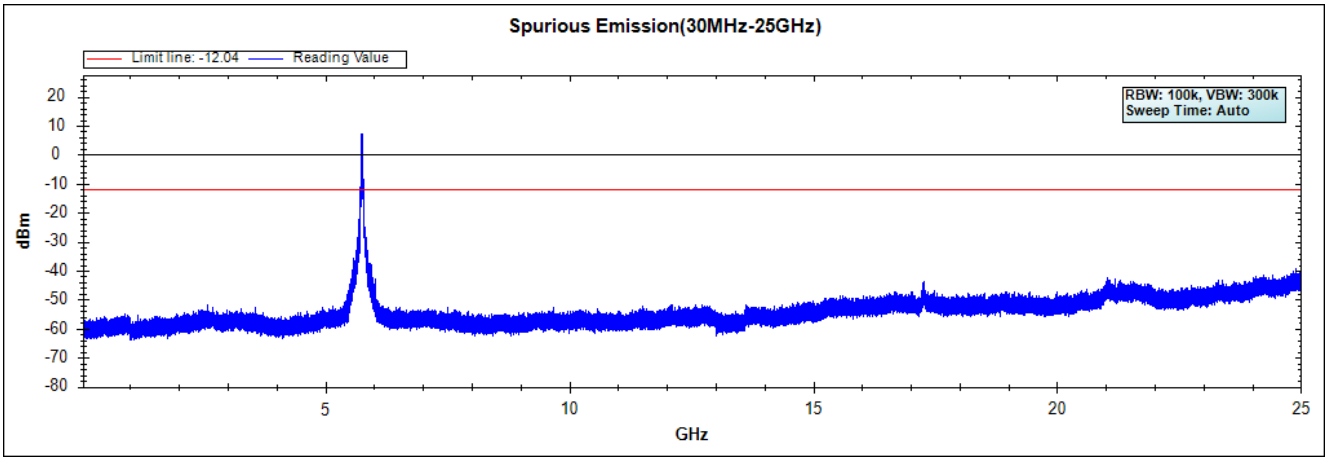


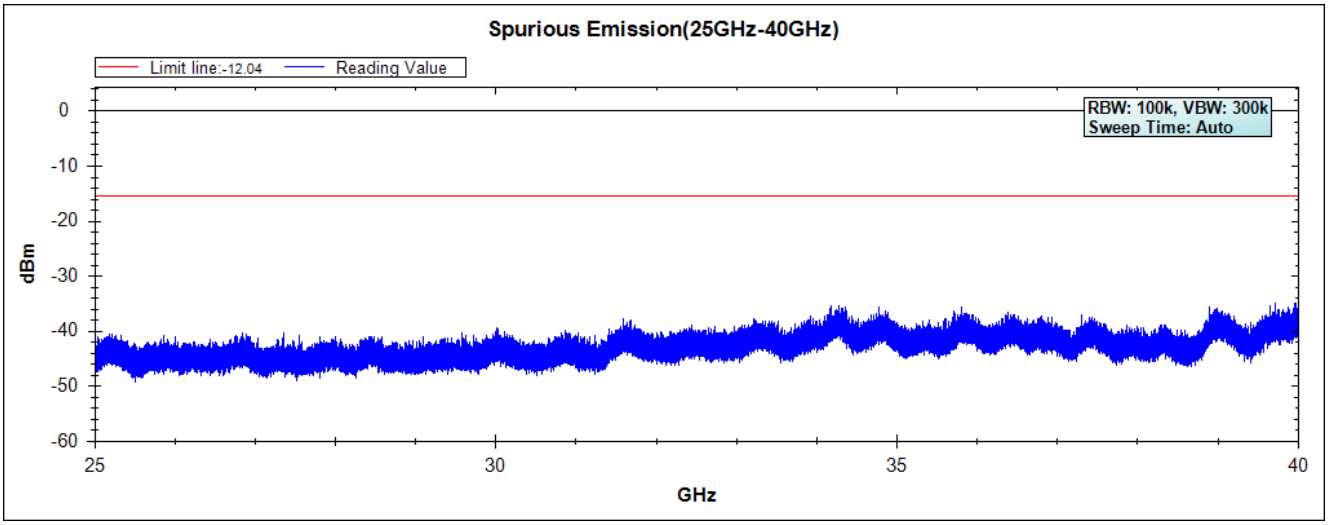


Note: The above test pattern is synthesized by multiple of the frequency range

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(5G Band)

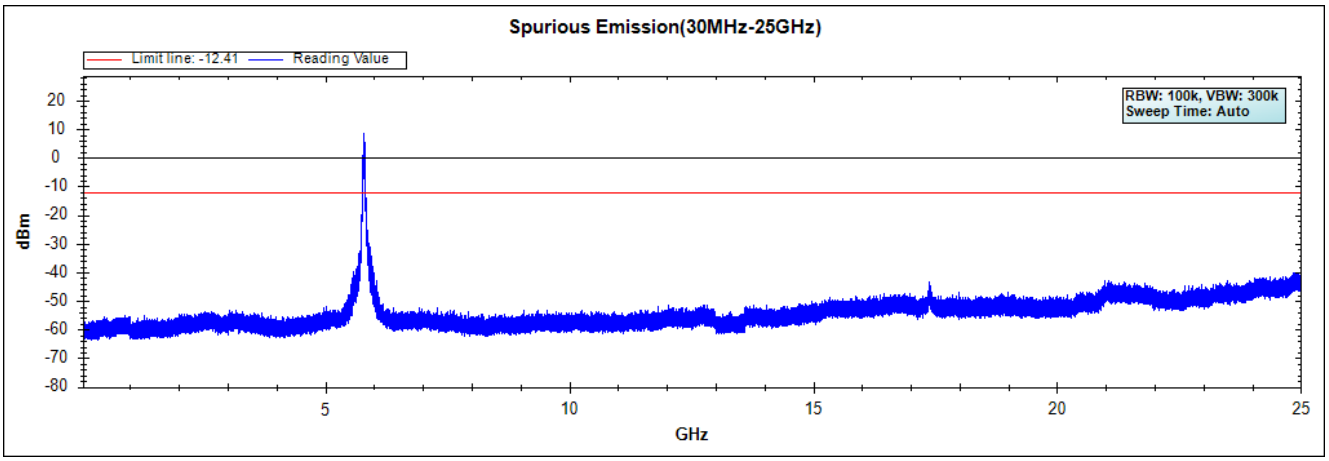
Channel 151 (5755MHz) 30MHz -40GHz

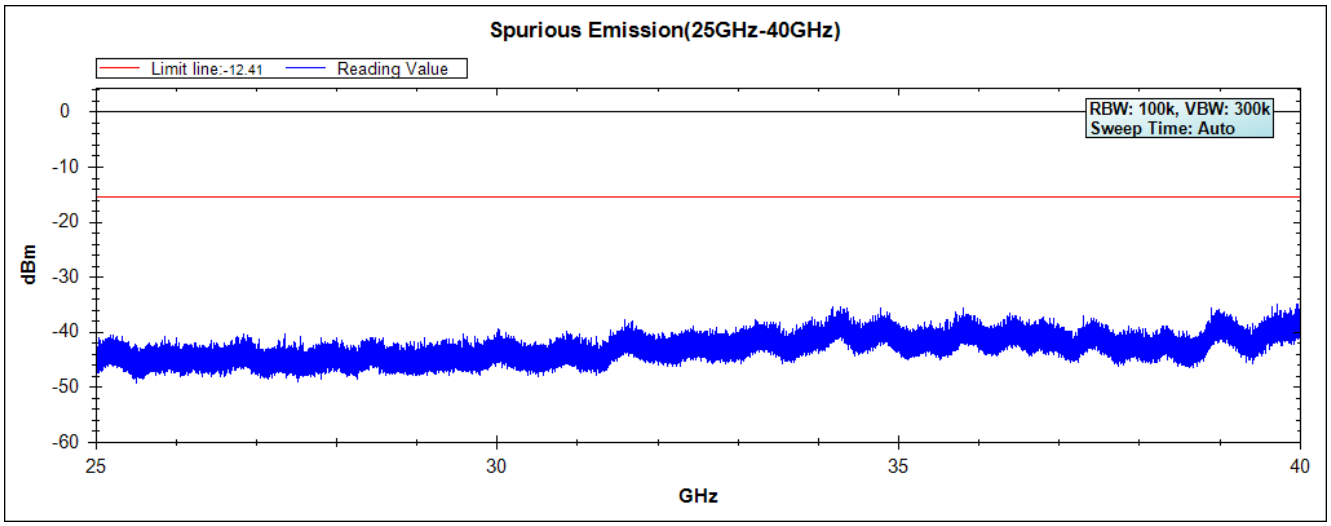




Note: The above test pattern is synthesized by multiple of the frequency range

Channel 159 (5795MHz) 30MHz -40GHz

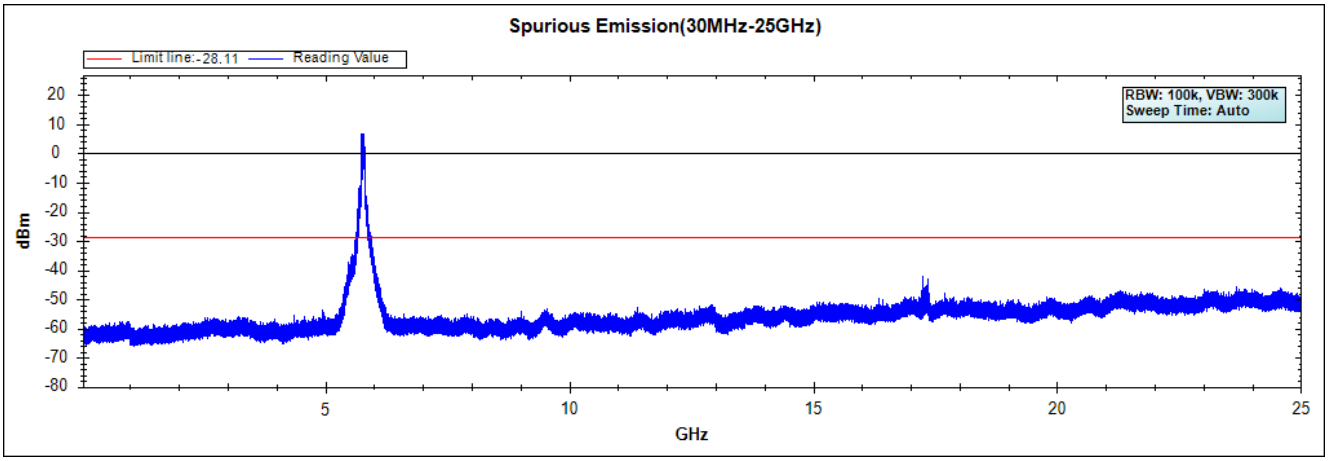


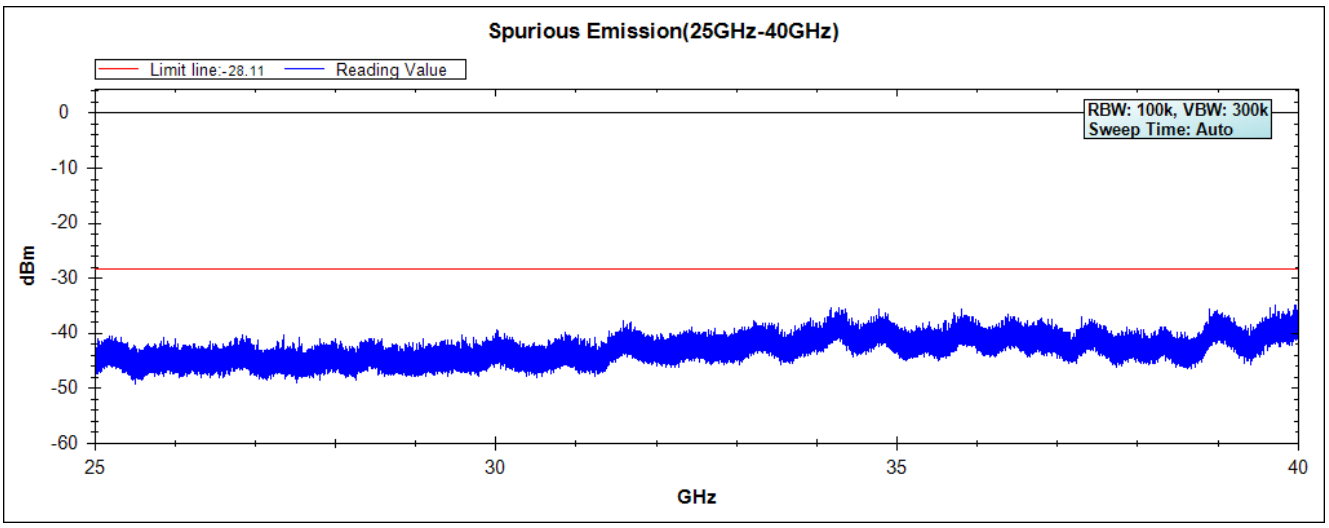


Note: The above test pattern is synthesized by multiple of the frequency range

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 1 SISO A: Transmit - 802.11ac-80BW_32.5Mbps(5G Band)

Channel 155 (5775MHz) 30MHz -40GHz

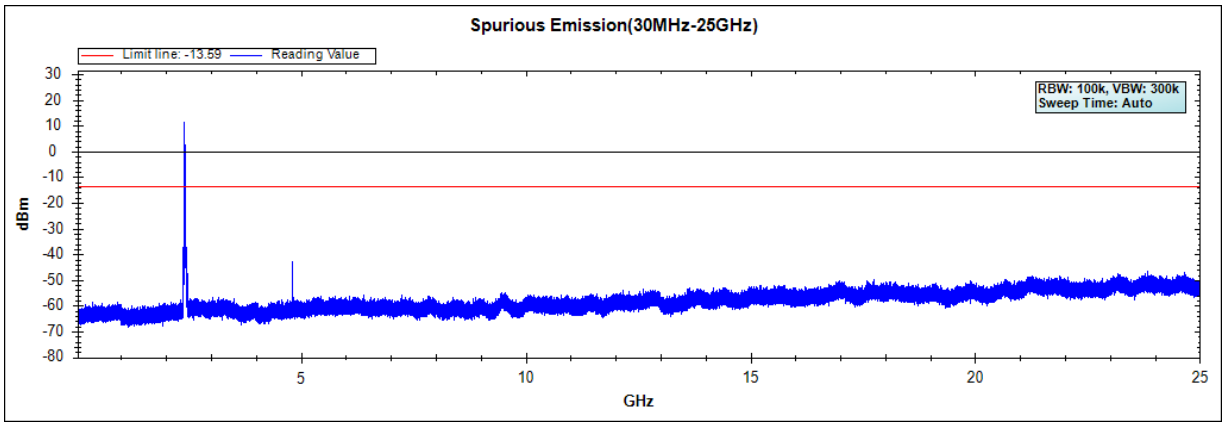




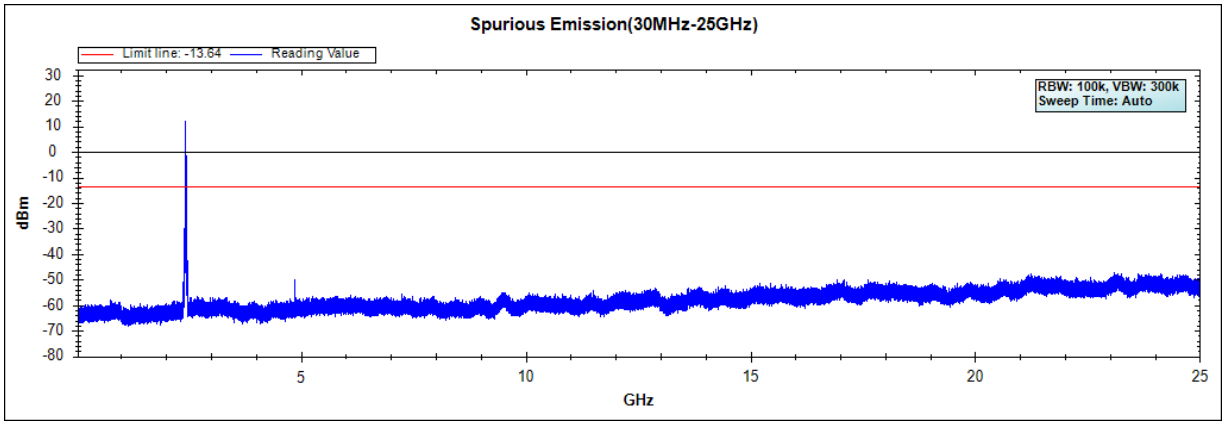
Note: The above test pattern is synthesized by multiple of the frequency range

Product : Intel® Dual Band Wireless-AC 8260
Test Item : RF antenna conducted test
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps)

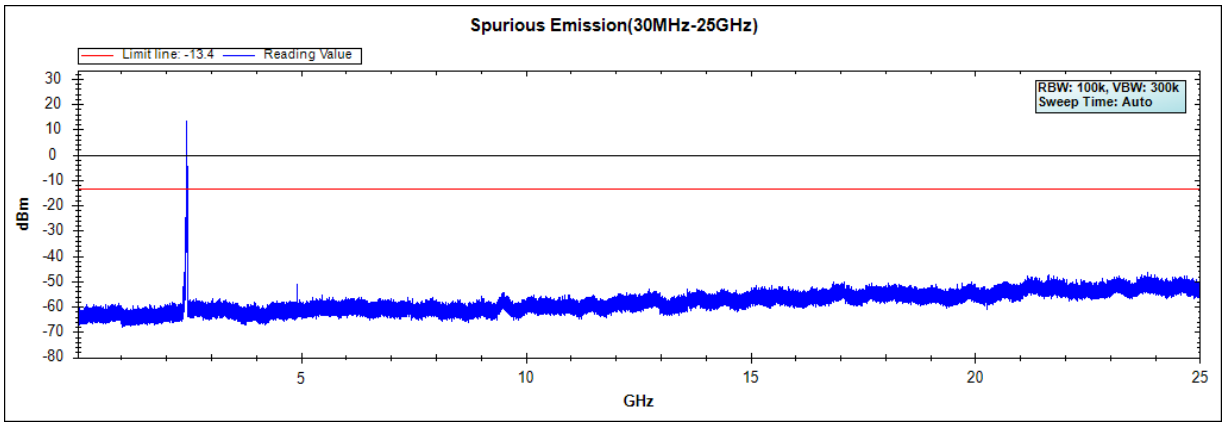
Channel 01 (2412MHz) 30MHz-25GHz



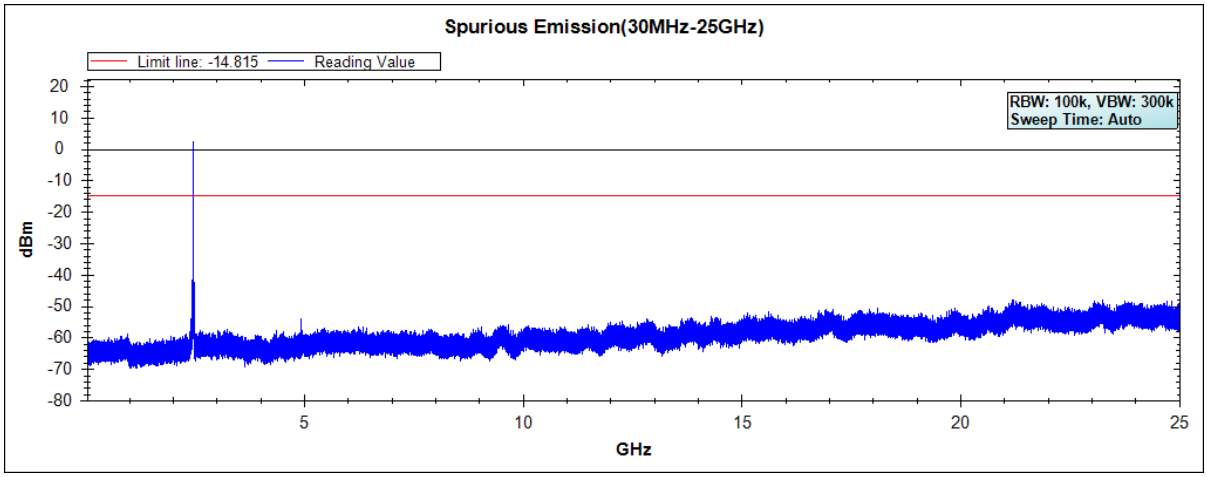
Channel 06 (2437MHz) 30MHz -25GHz



Channel 11 (2462MHz) 30MHz -25GHz



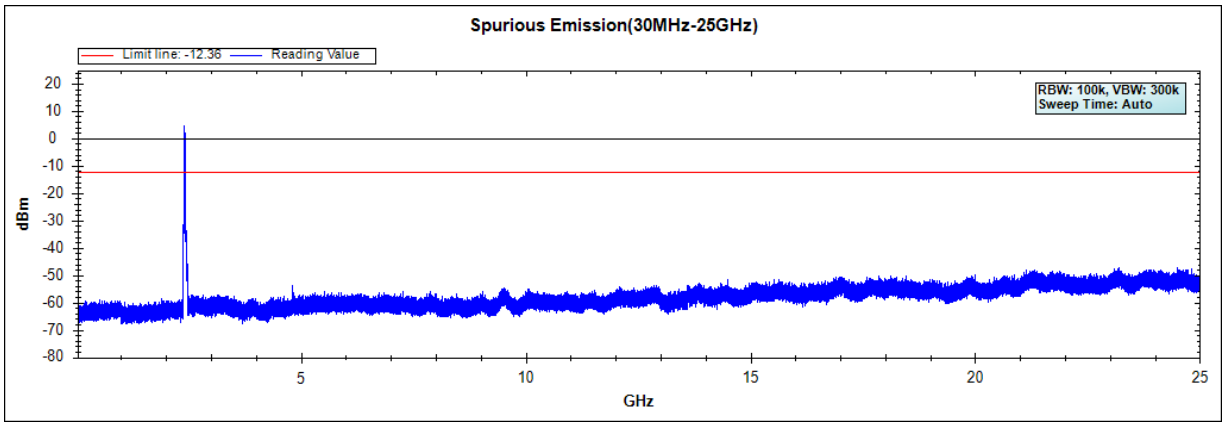
Channel 12 (2467MHz) 30MHz -25GHz



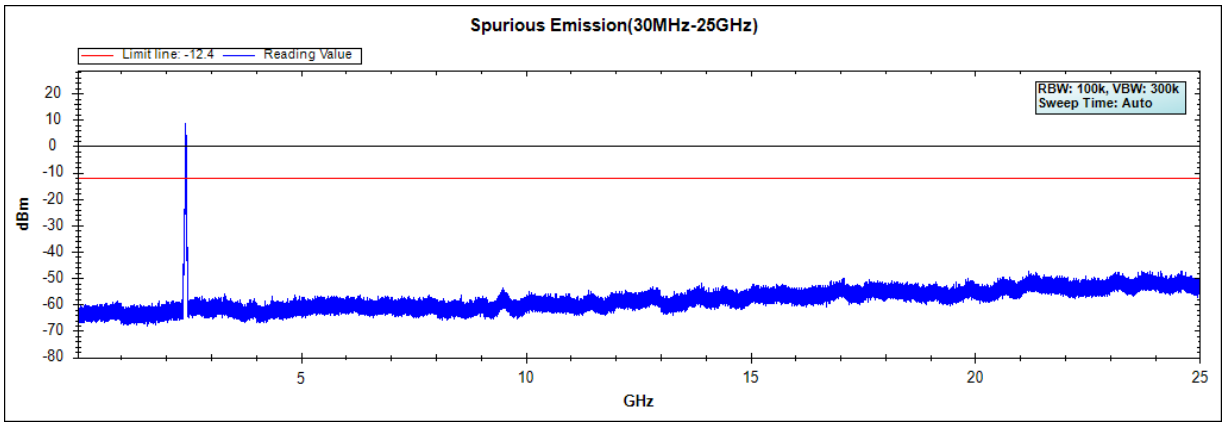
Note: The above test pattern is synthesized by multiple of the frequency range.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : RF Antenna Conducted Spurious
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11g 6Mbps)

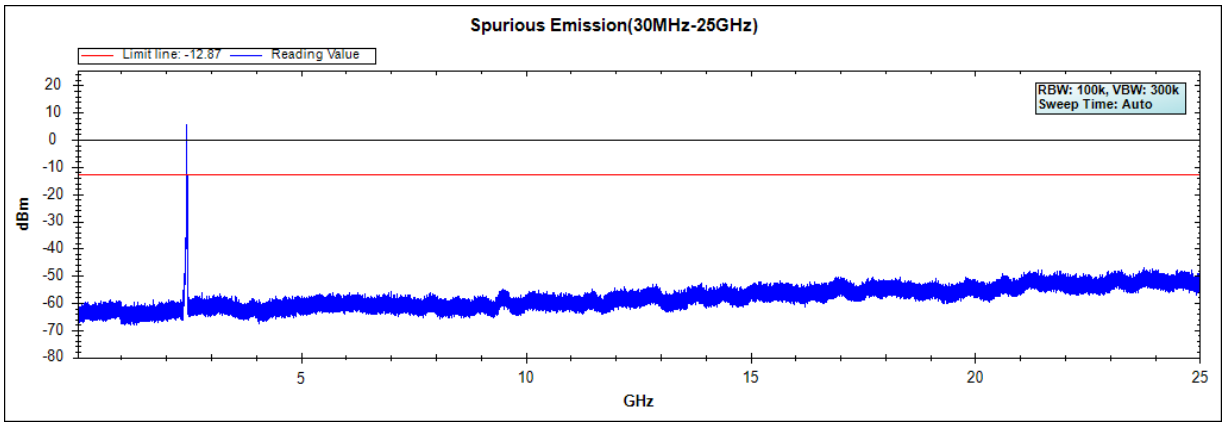
Channel 01 (2412MHz) 30MHz -25GHz



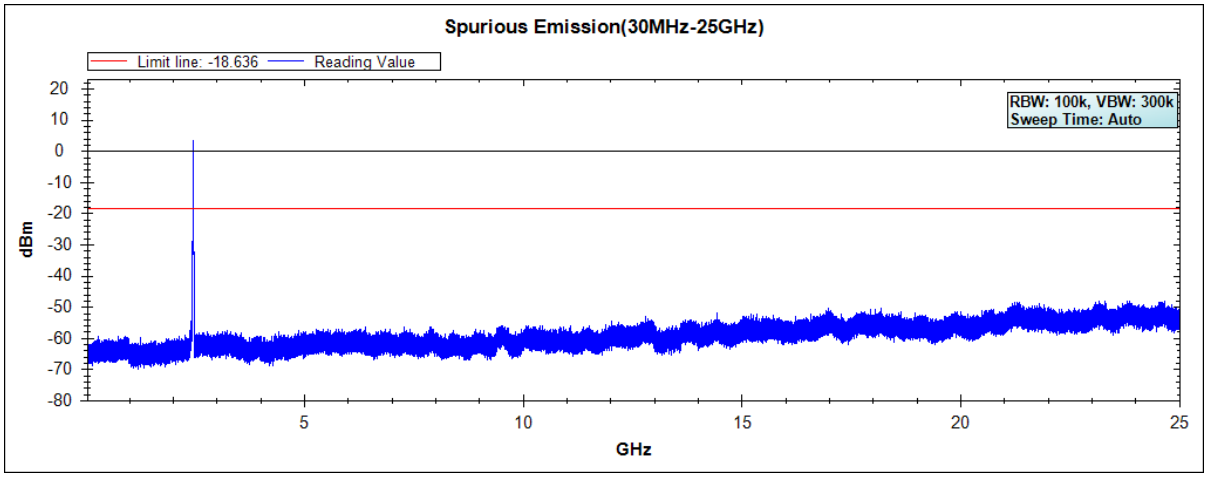
Channel 06 (2437MHz) 30MHz -25GHz



Channel 11 (2462MHz) 30MHz -25GHz



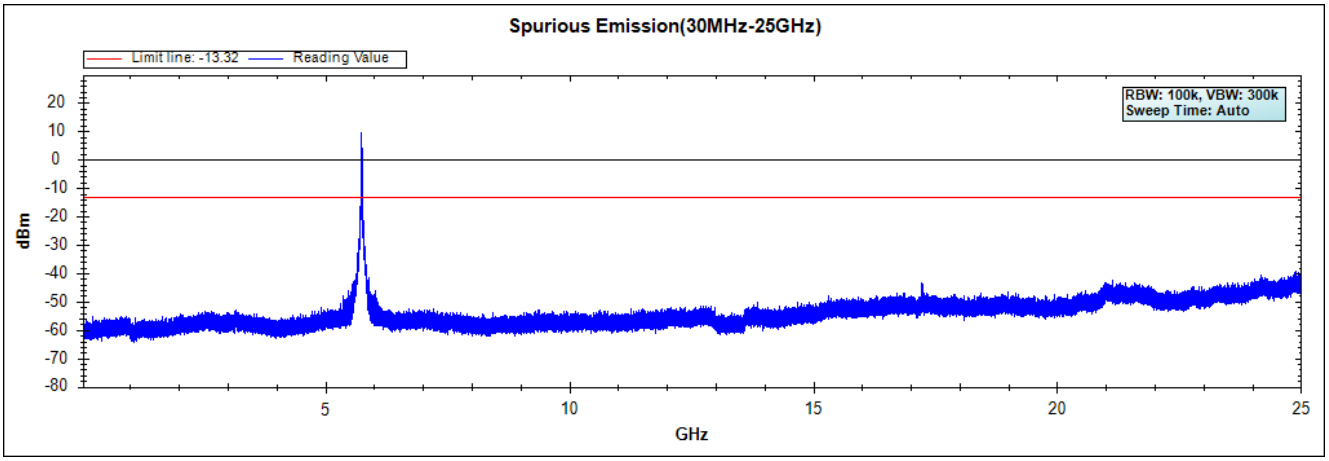
Channel 12 (2467MHz) 30MHz -25GHz

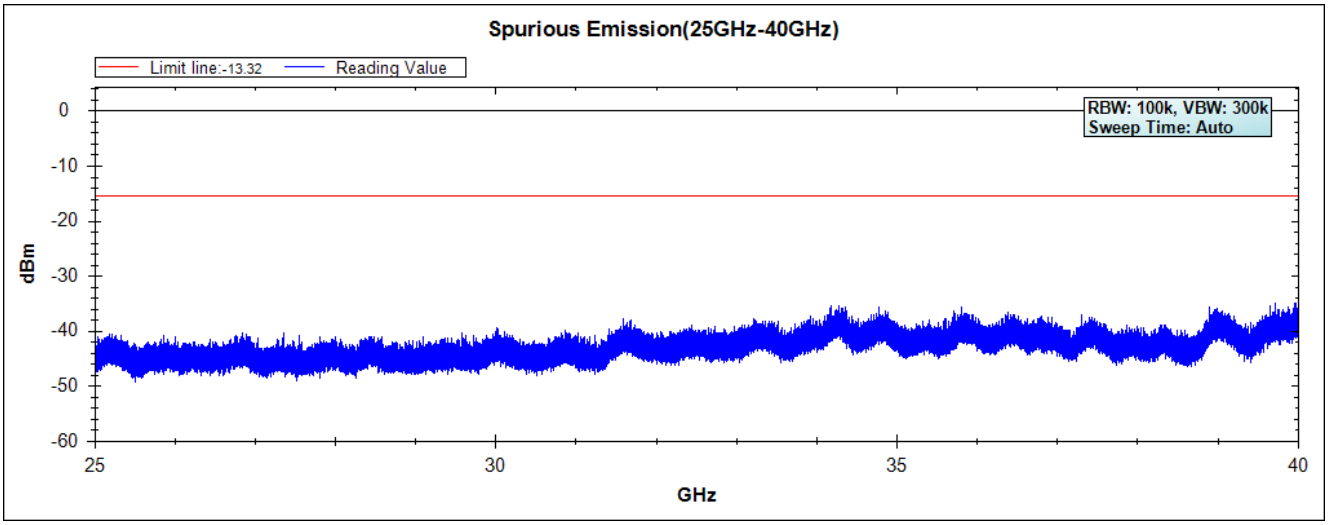


Note: The above test pattern is synthesized by multiple of the frequency range.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : RF Antenna Conducted Spurious
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit - 802.11a 6Mbps

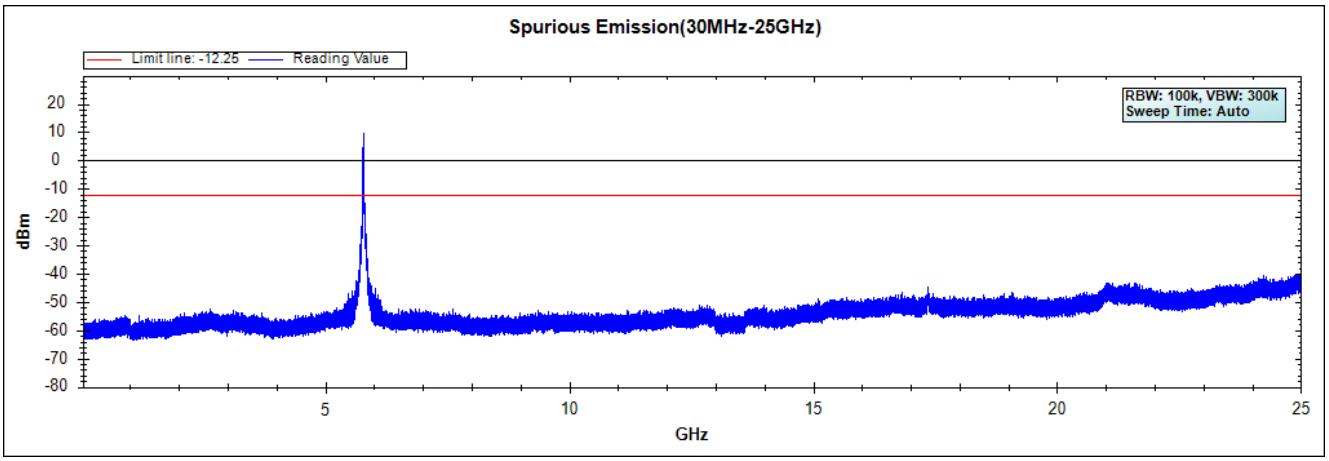
Channel 149 (5745MHz) 30MHz -40GHz

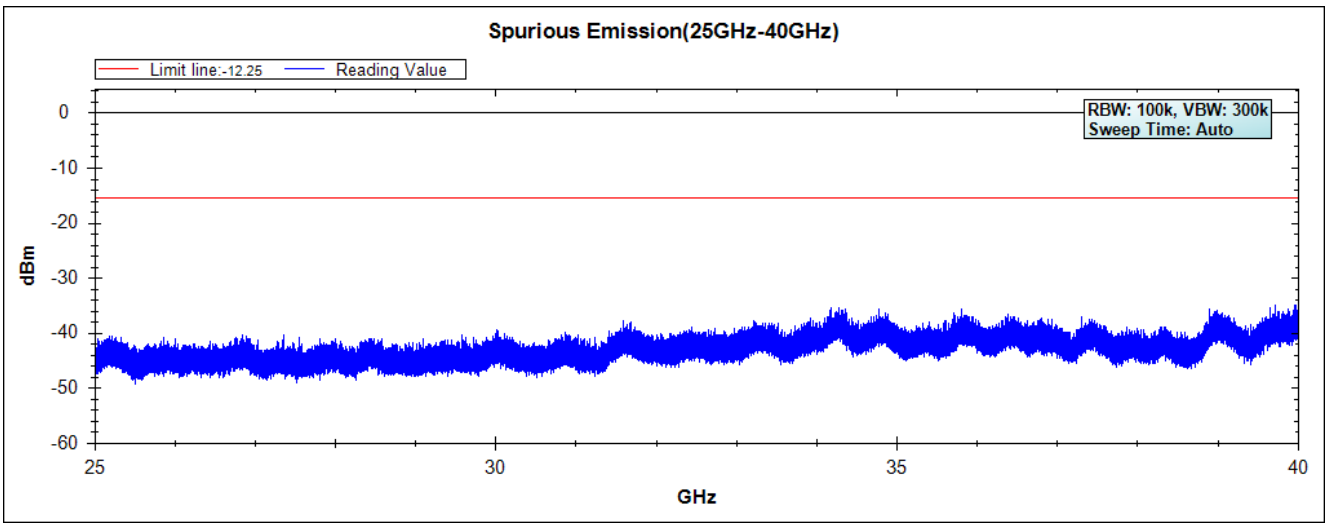




Note: The above test pattern is synthesized by multiple of the frequency range.

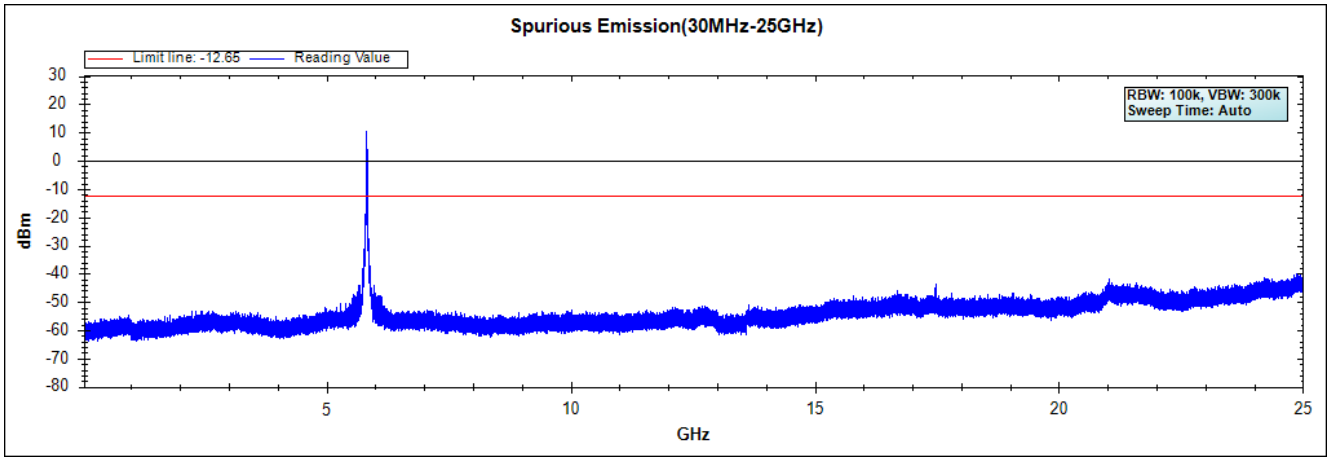
Channel 157 (5785MHz) 30MHz -40GHz

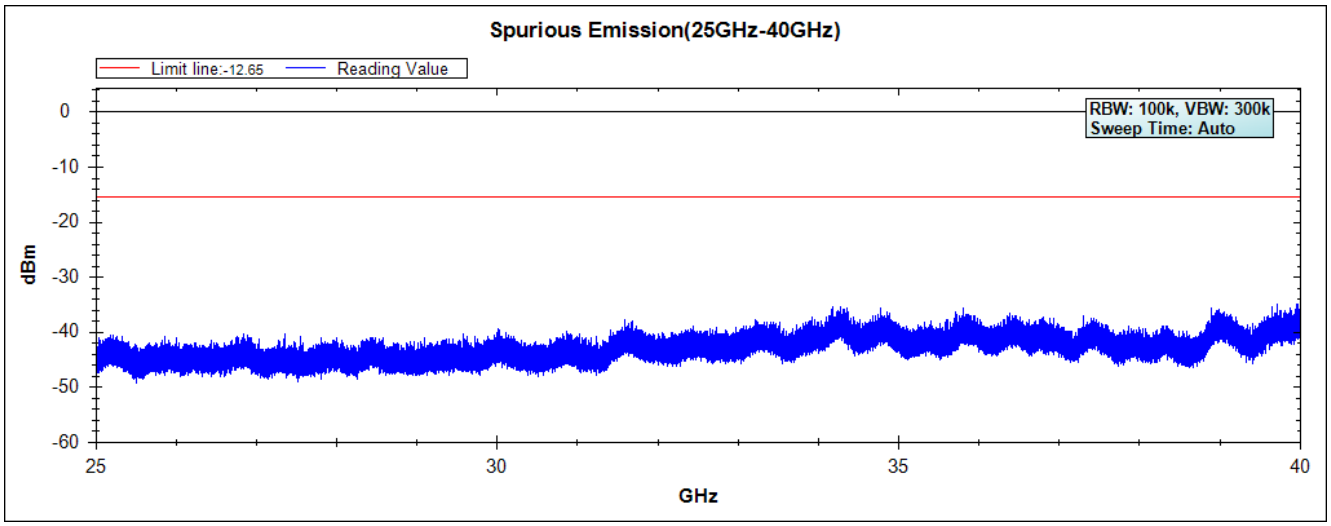




Note: The above test pattern is synthesized by multiple of the frequency range.

Channel 165 (5825MHz) 30MHz -40GHz

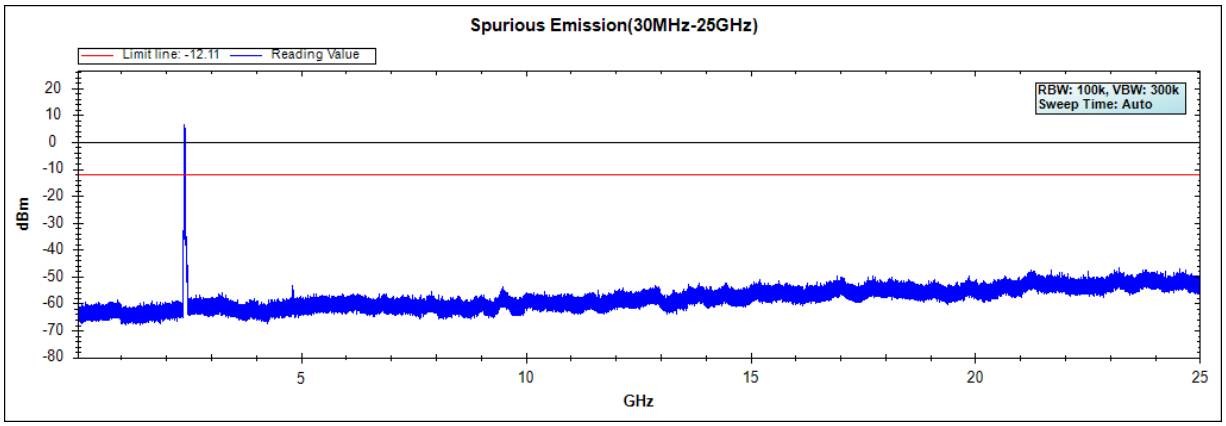




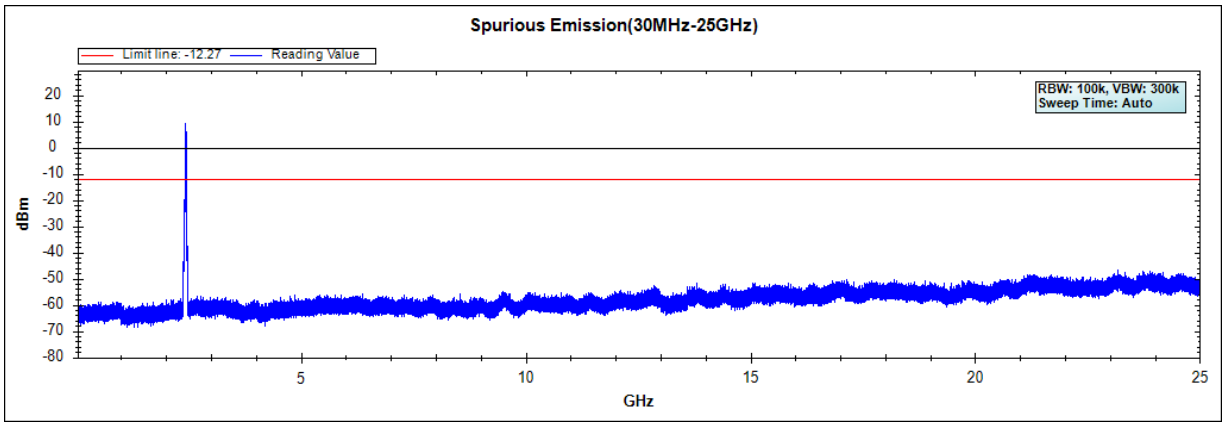
Note: The above test pattern is synthesized by multiple of the frequency range.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : RF Antenna Conducted Spurious
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit - 802.11n-20BW_7.2Mbps(2.4G Band)

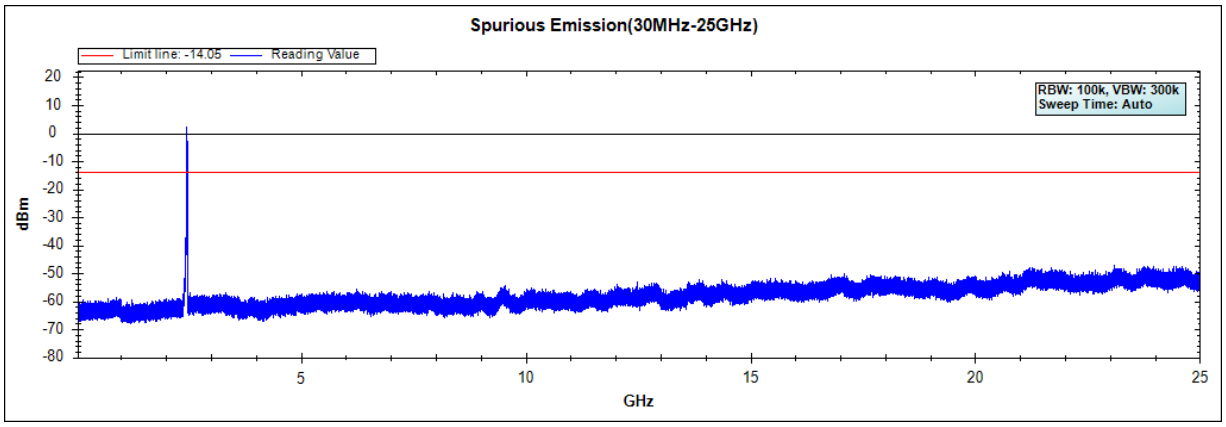
Channel 01 (2412MHz) 30MHz -25GHz



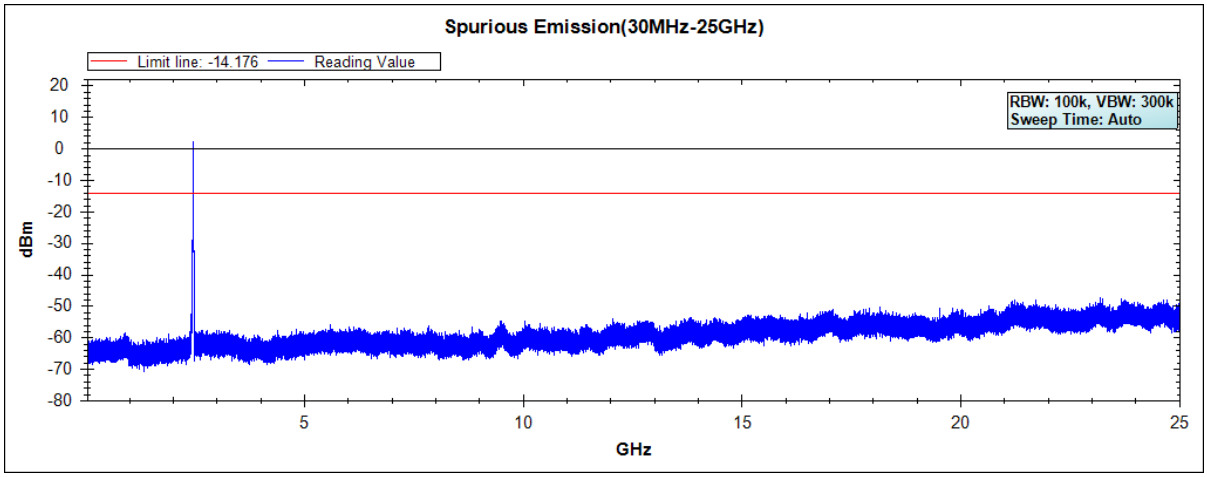
Channel 06 (2437MHz) 30MHz -25GHz



Channel 11 (2462MHz) 30MHz -25GHz



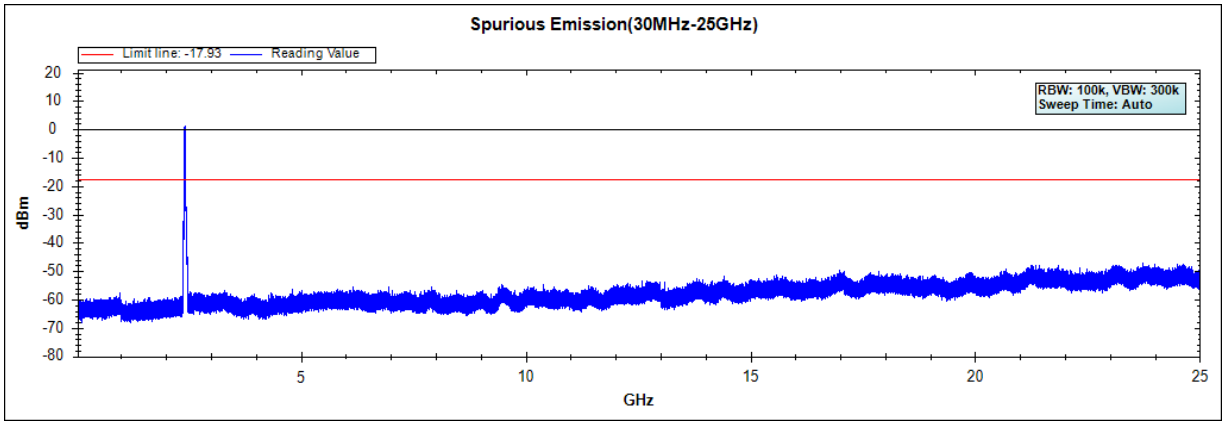
Channel 12 (2467MHz) 30MHz -25GHz



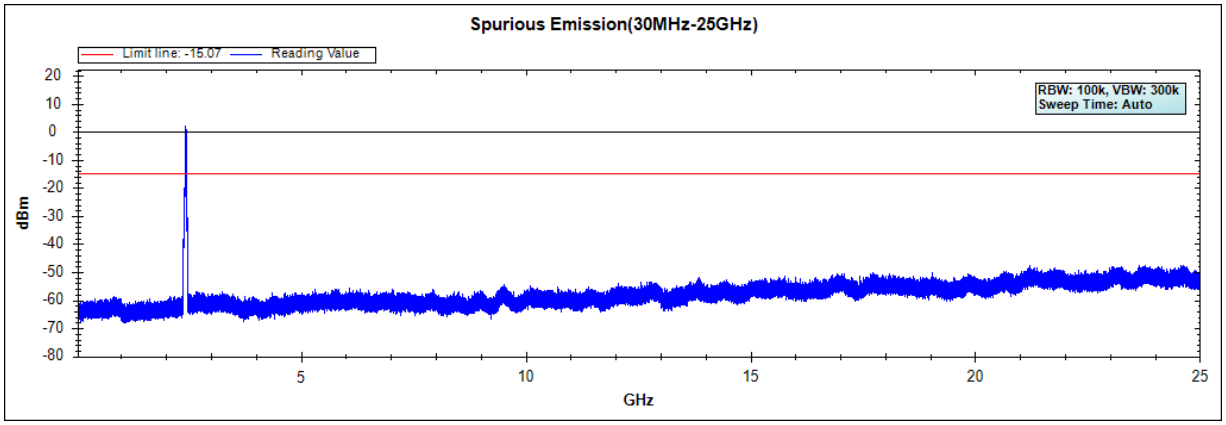
Note: The above test pattern is synthesized by multiple of the frequency range.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : RF Antenna Conducted Spurious
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit - 802.11n-40BW_15Mbps(2.4G Band)

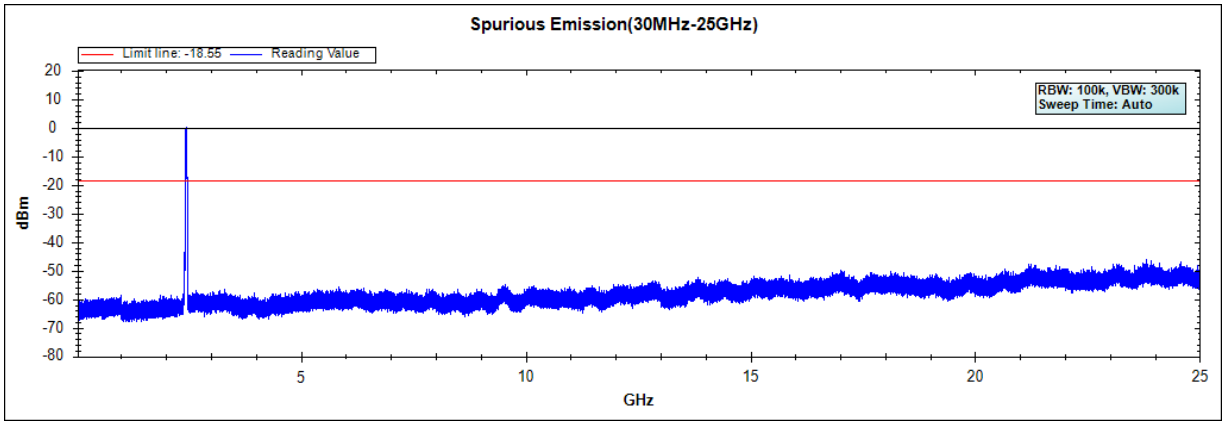
Channel 03 (2422MHz) 30MHz -25GHz



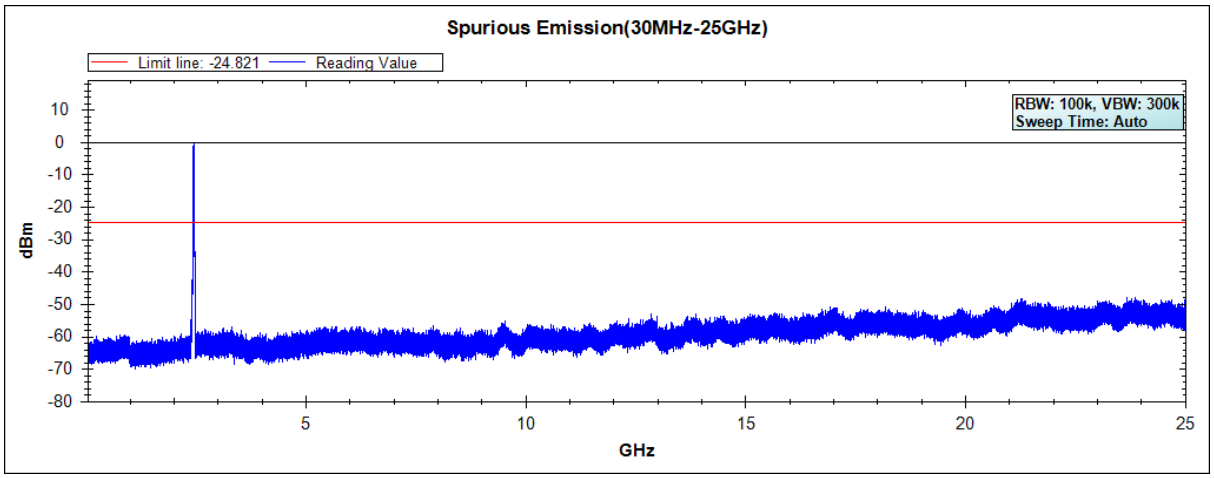
Channel 06 (2437MHz) 30MHz -25GHz



Channel 09 (2452MHz) 30MHz -25GHz



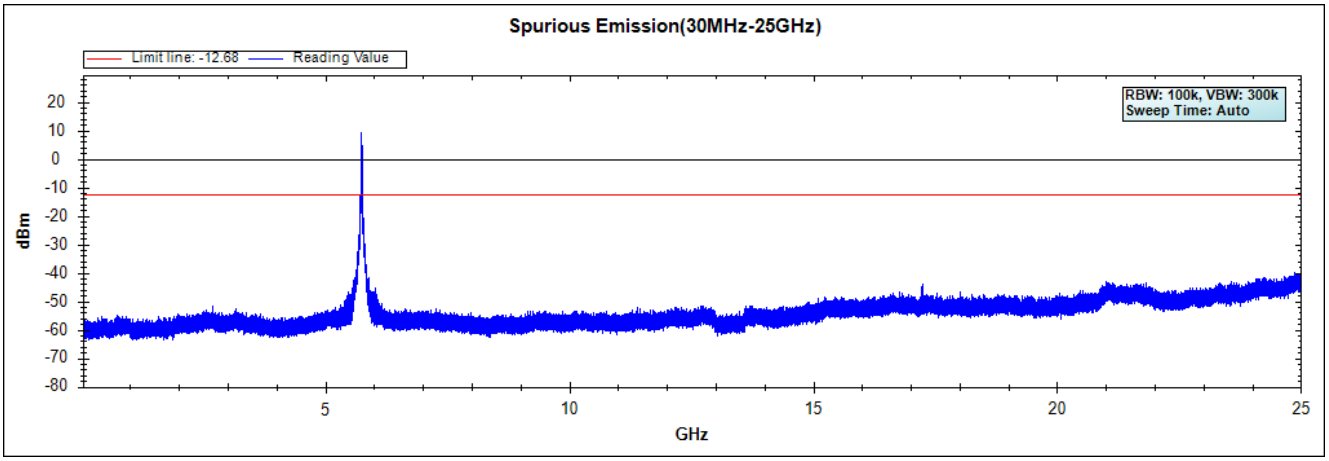
Channel 10 (2457MHz) 30MHz -25GHz

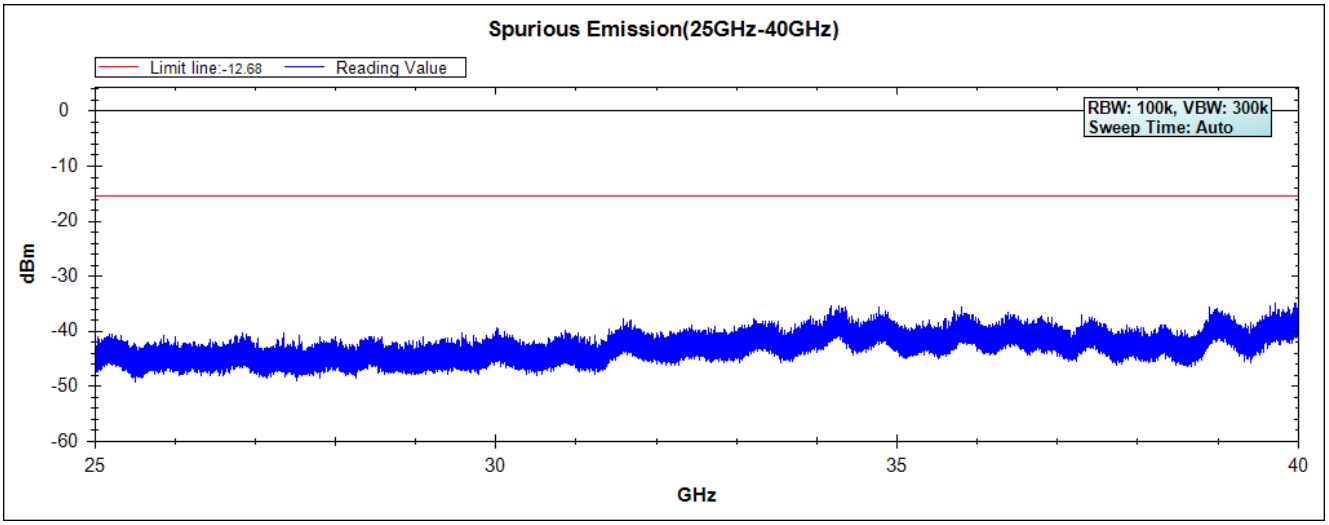


Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 2 SISO B: Transmit - 802.11n-20BW_7.2Mbps(5G Band)

Channel 49 (5745MHz) 30MHz -40GHz

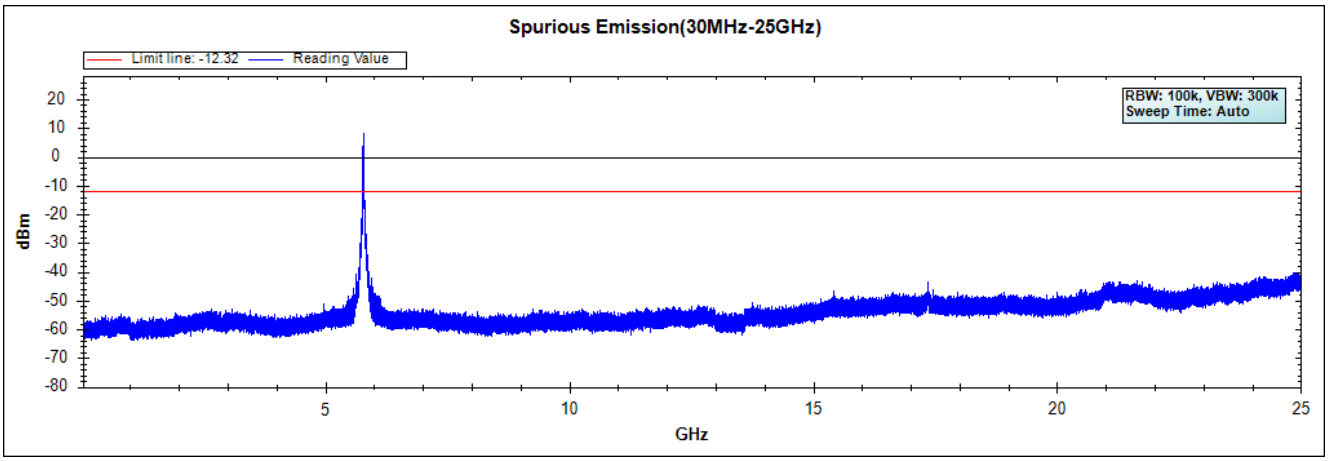


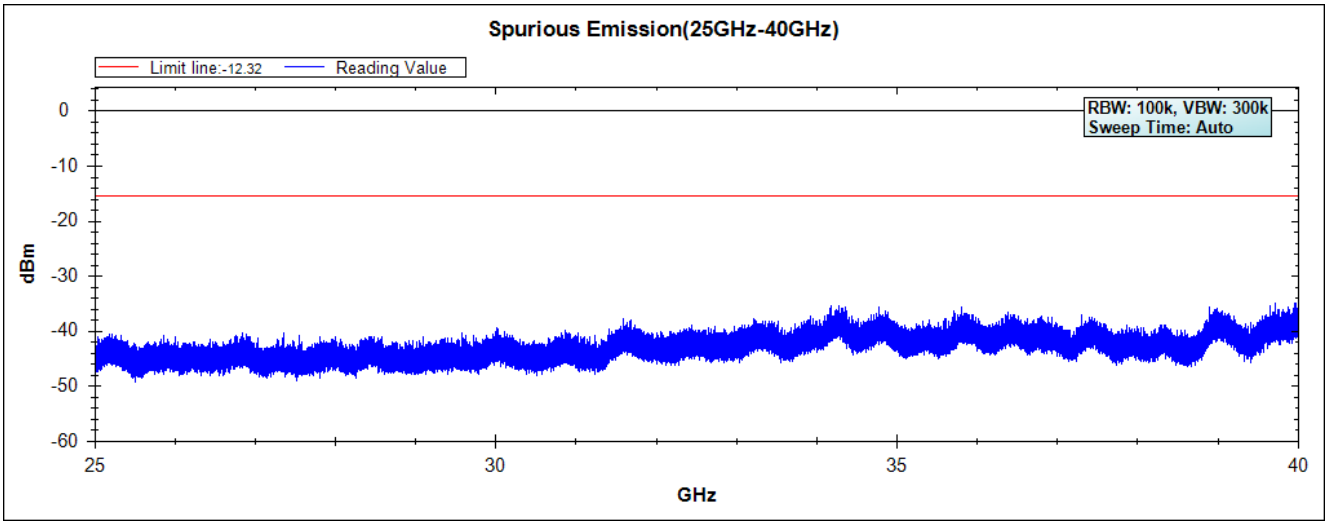


Note: The above test pattern is synthesized by multiple of the frequency range

.

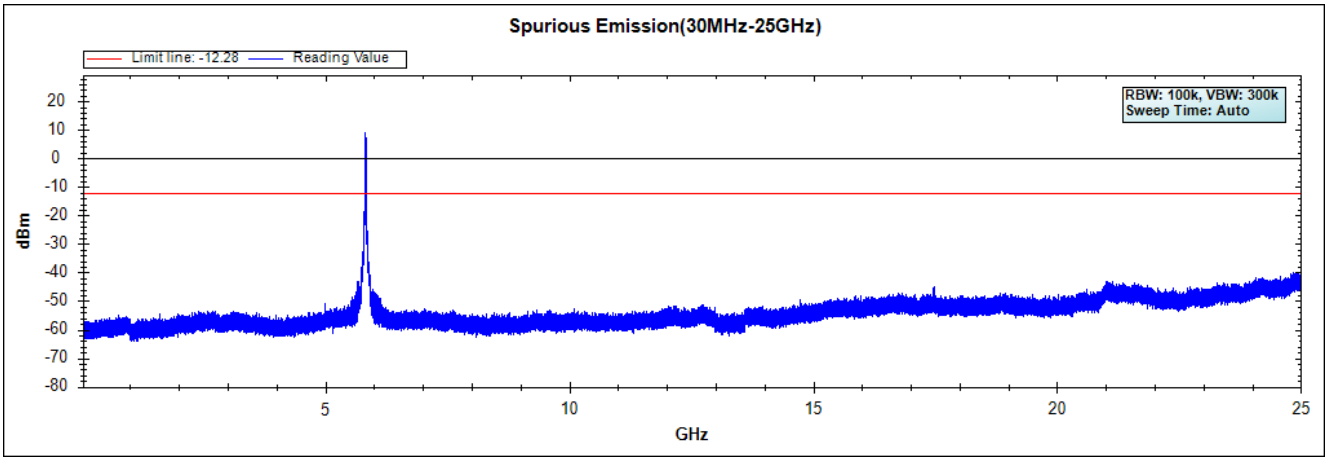
Channel 157 (5785MHz) 30MHz -40GHz

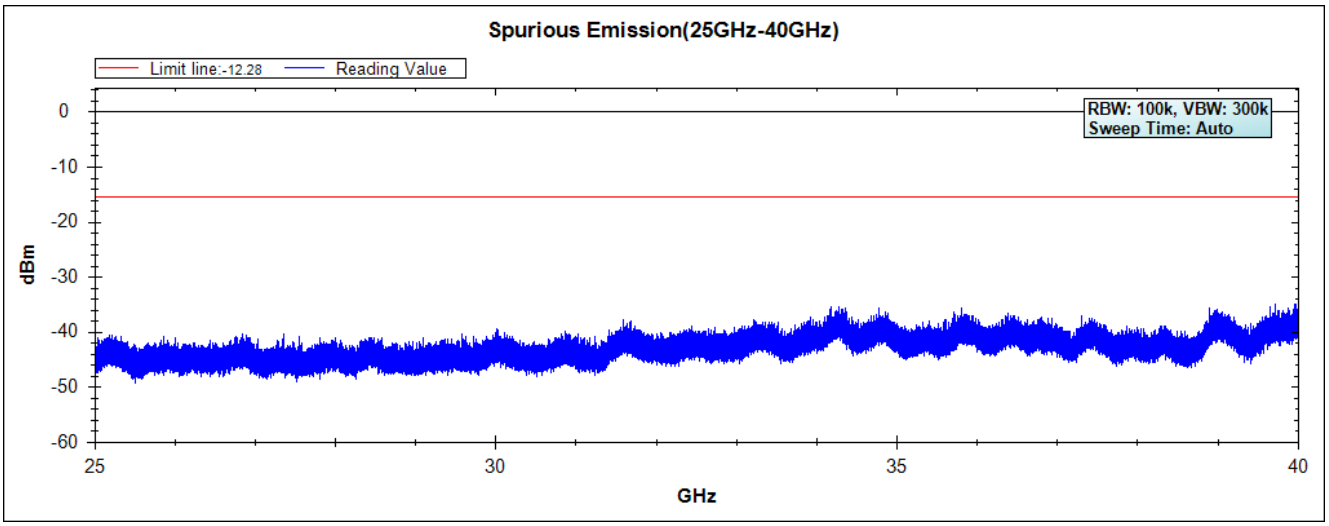




Note: The above test pattern is synthesized by multiple of the frequency range

Channel 165 (5825MHz) 30MHz -40GHz

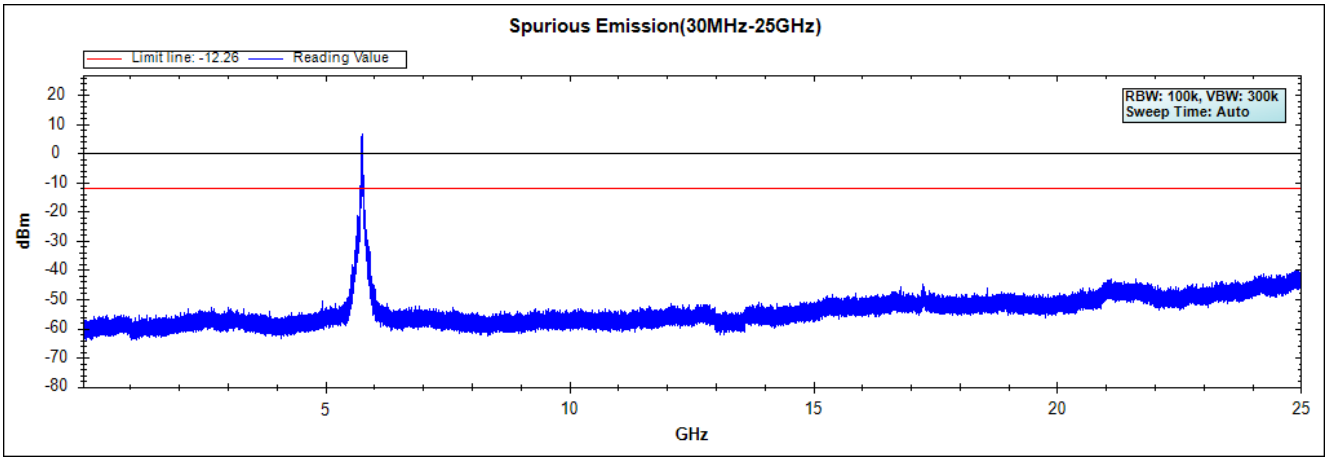


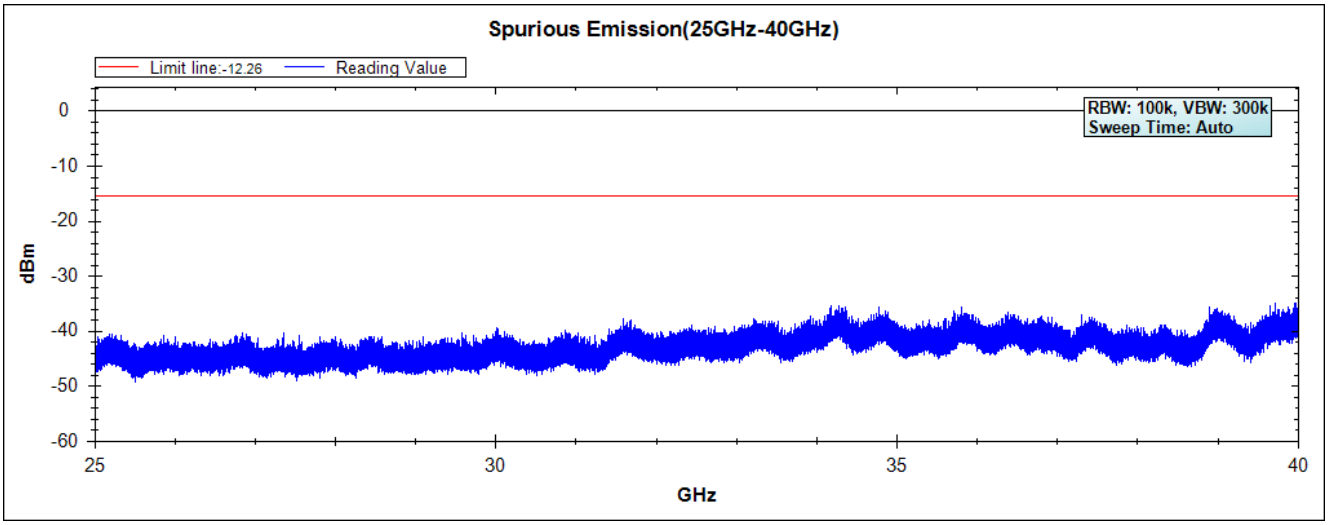


Note: The above test pattern is synthesized by multiple of the frequency range

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 2 SISO B: Transmit - 802.11n-40BW_15Mbps(5G Band)

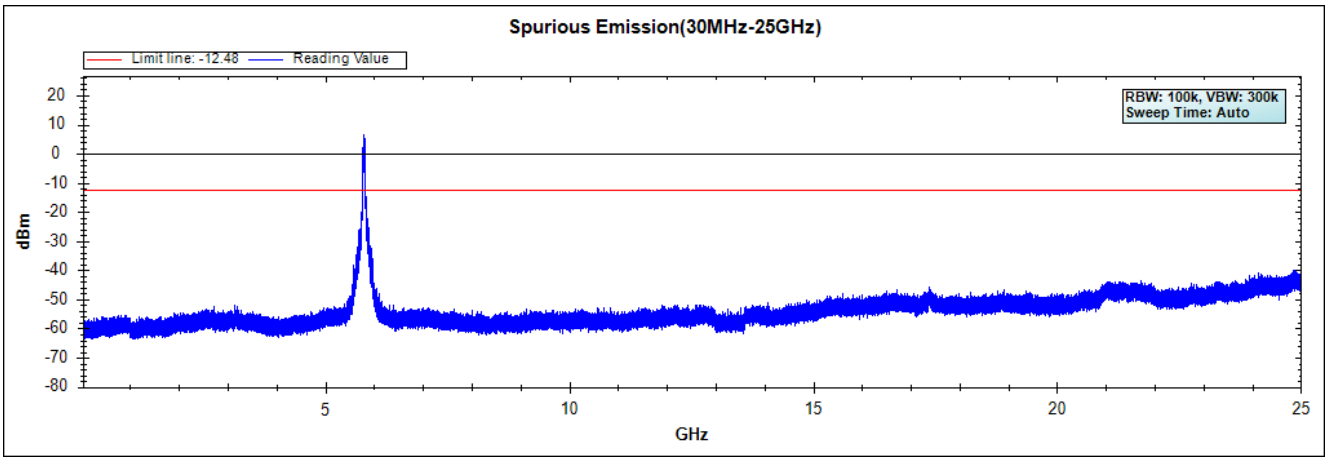
Channel 151 (5755MHz) 30MHz -40GHz

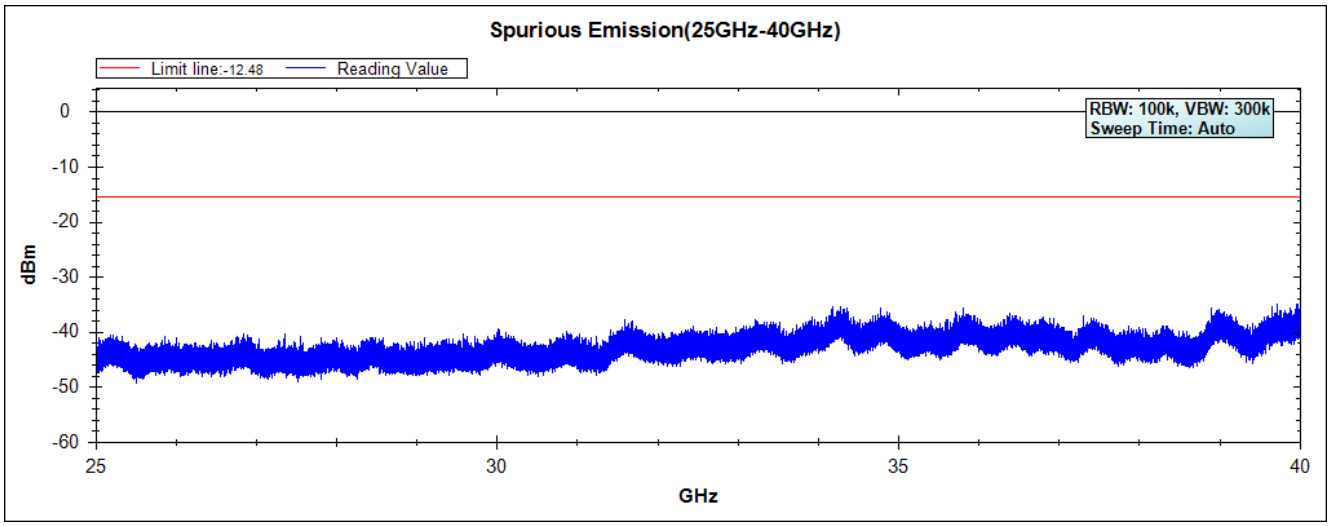




Note: The above test pattern is synthesized by multiple of the frequency range

Channel 159 (5795MHz) 30MHz -40GHz

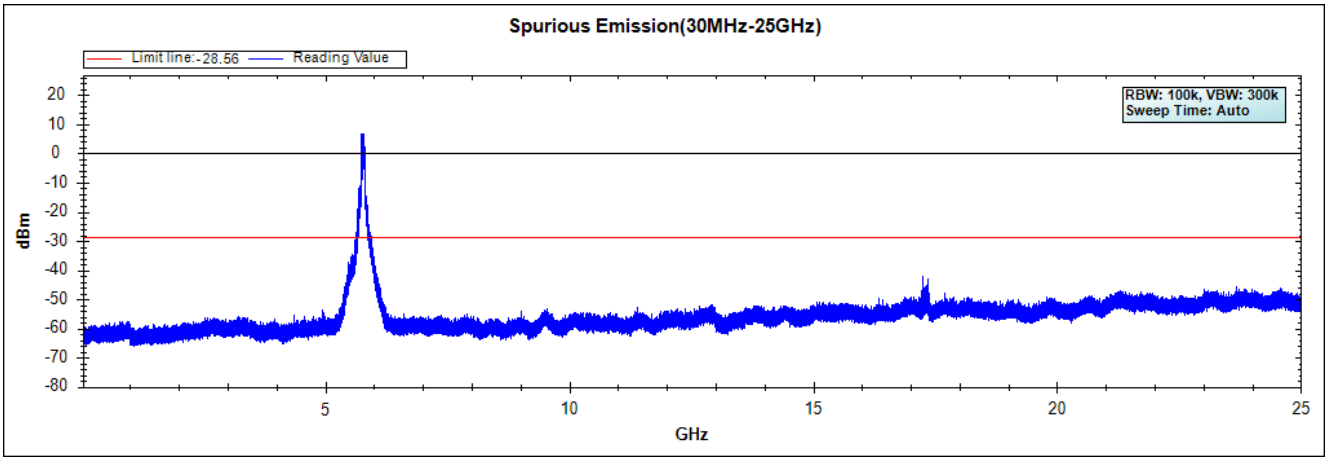


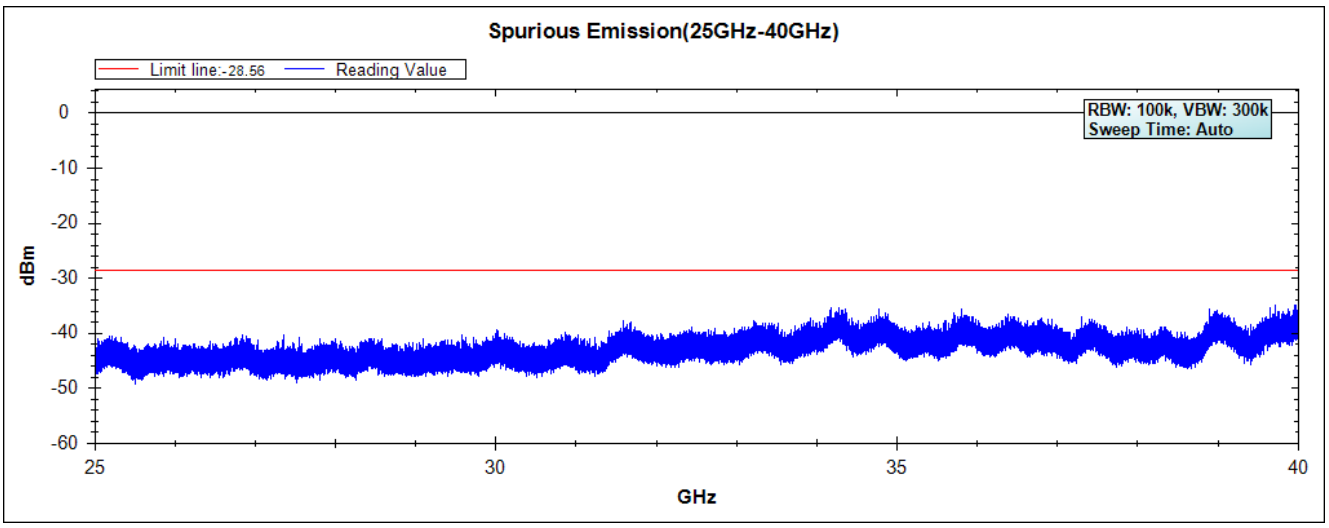


Note: The above test pattern is synthesized by multiple of the frequency range

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 2 SISO B: Transmit - 802.11ac-80BW_32.5Mbps(5G Band)

Channel 155 (5775MHz) 30MHz -40GHz



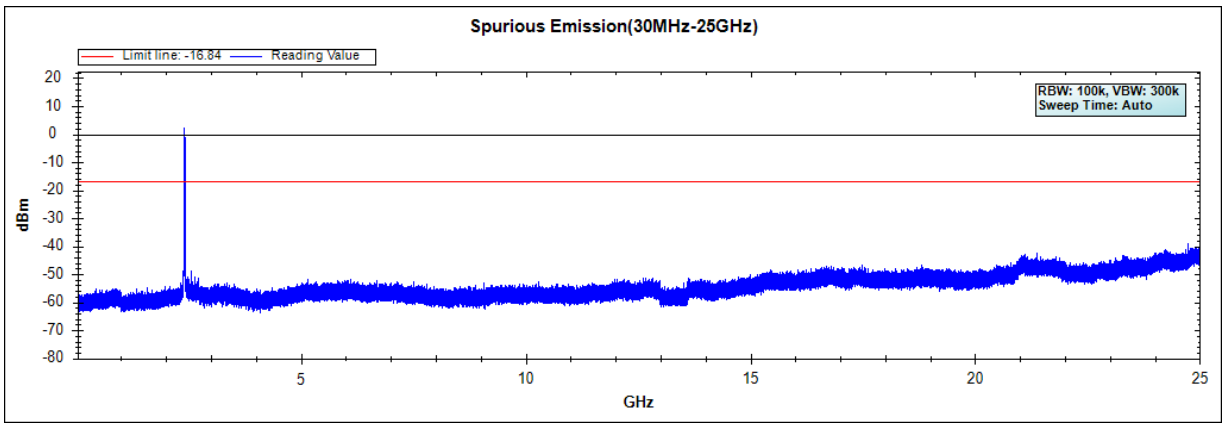


Note: The above test pattern is synthesized by multiple of the frequency range

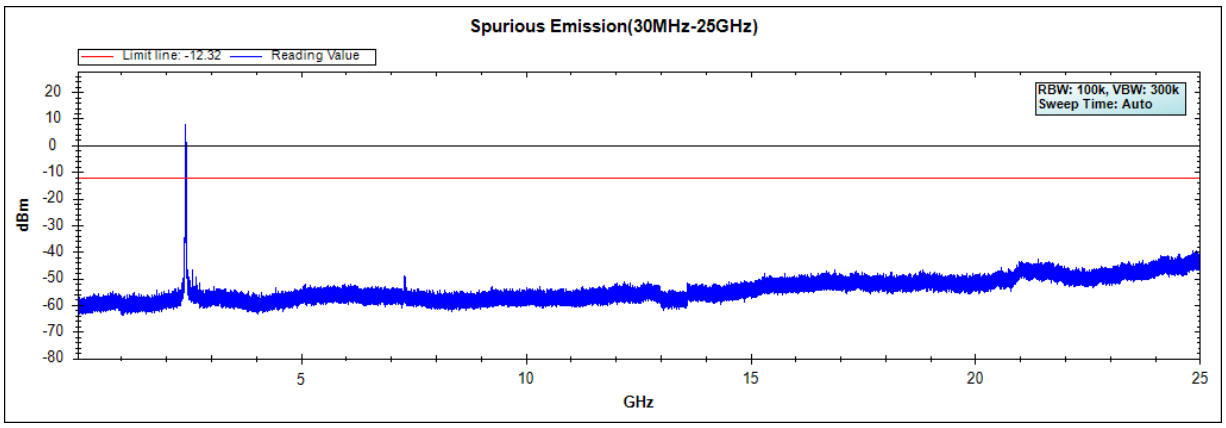
Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 3 MIMO: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band)

Chaia A

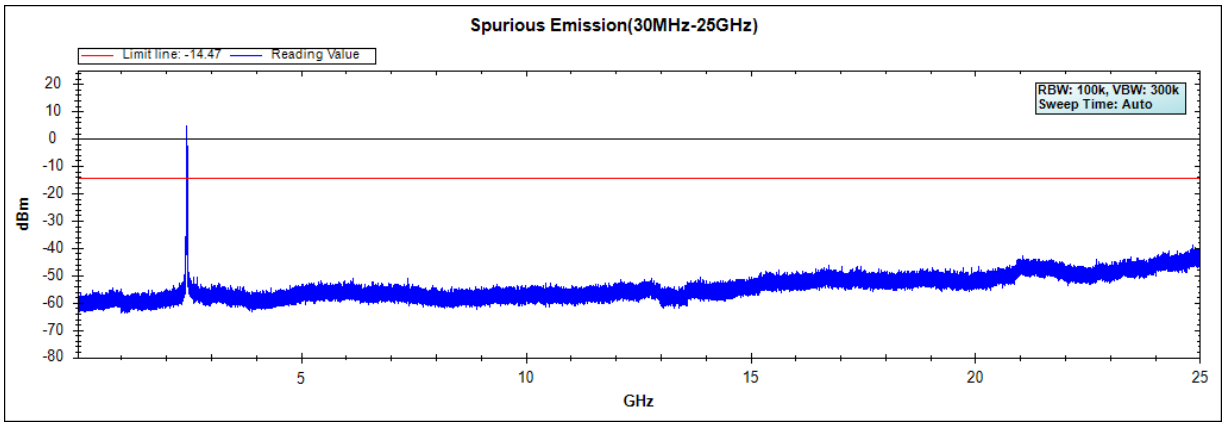
Channel 01 (2412MHz) 30MHz -25GHz



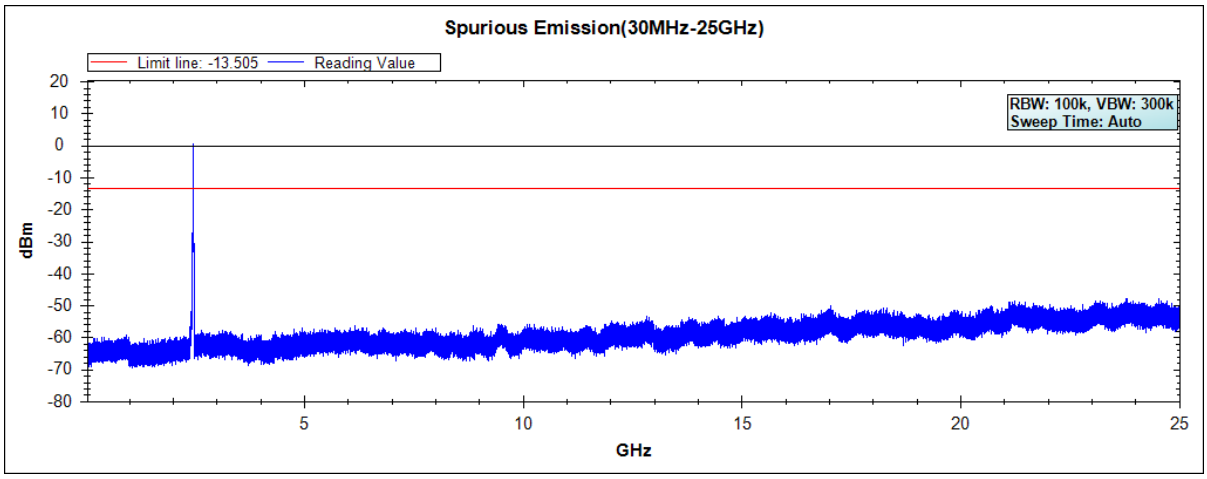
Channel 06 (2437MHz) 30MHz -25GHz



Channel 11 (2462MHz) 30MHz -25GHz



Channel 12 (2467MHz) 30MHz -25GHz

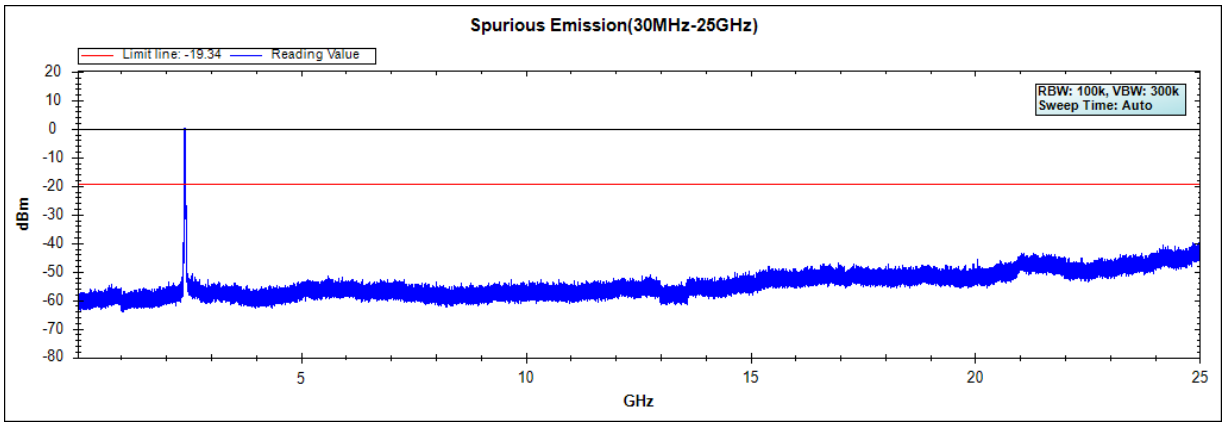


Note: The above test pattern is synthesized by multiple of the frequency range.

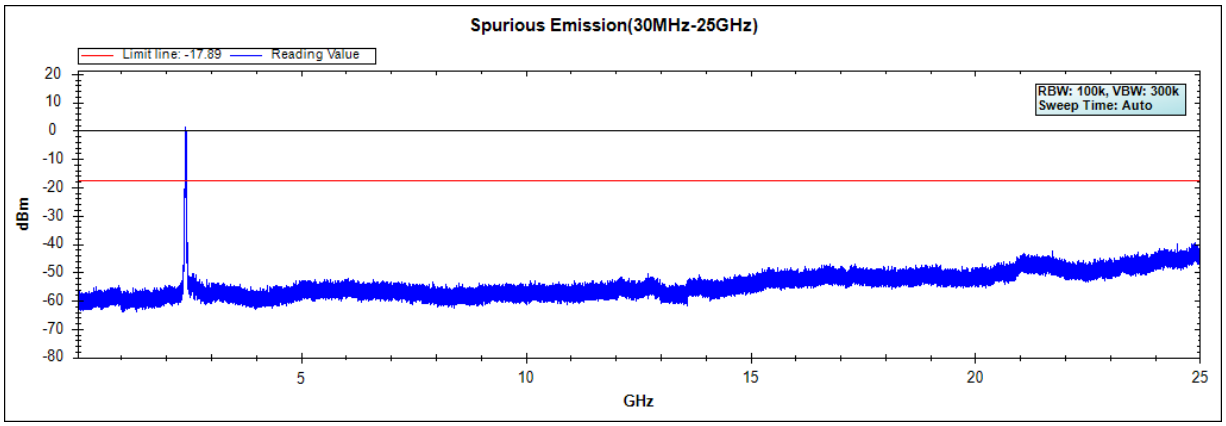
Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 3 MIMO: Transmit - 802.11n-40BW_30Mbps(2.4G Band)

Chaia A

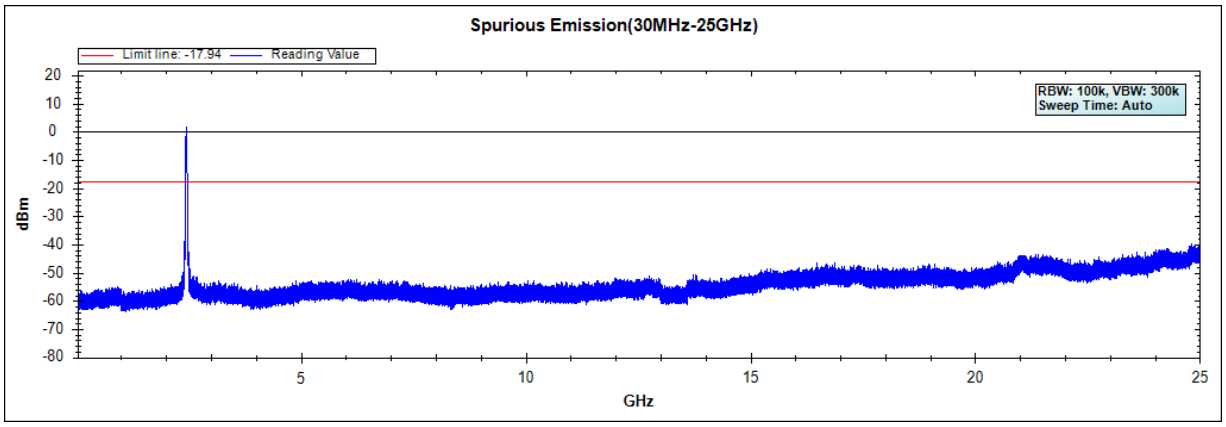
Channel 03 (2422MHz) 30MHz -25GHz



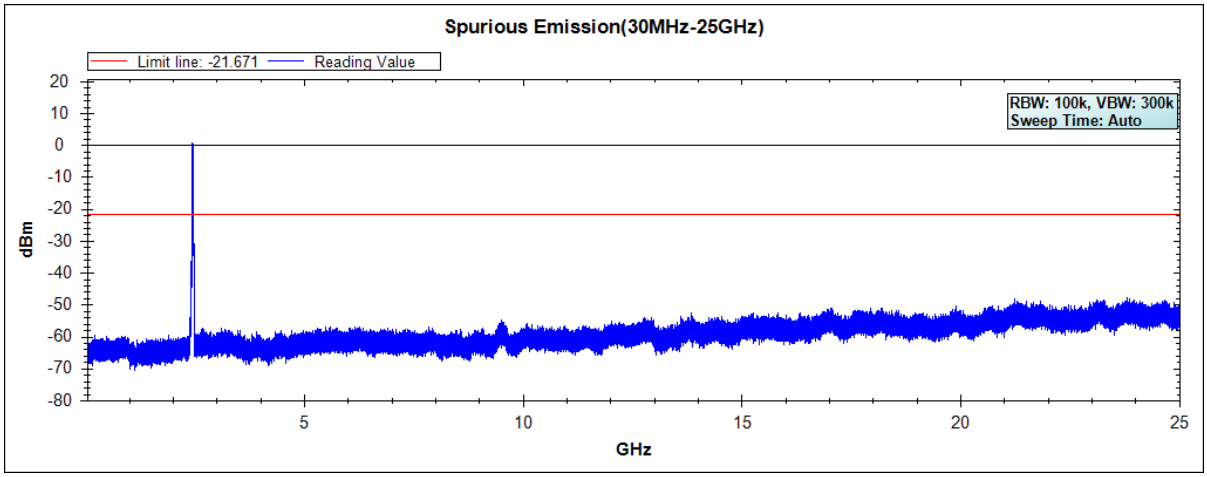
Channel 06 (2437MHz) 30MHz -25GHz



Channel 09 (2452MHz) 30MHz -25GHz



Channel 10 (2457MHz) 30MHz -25GHz

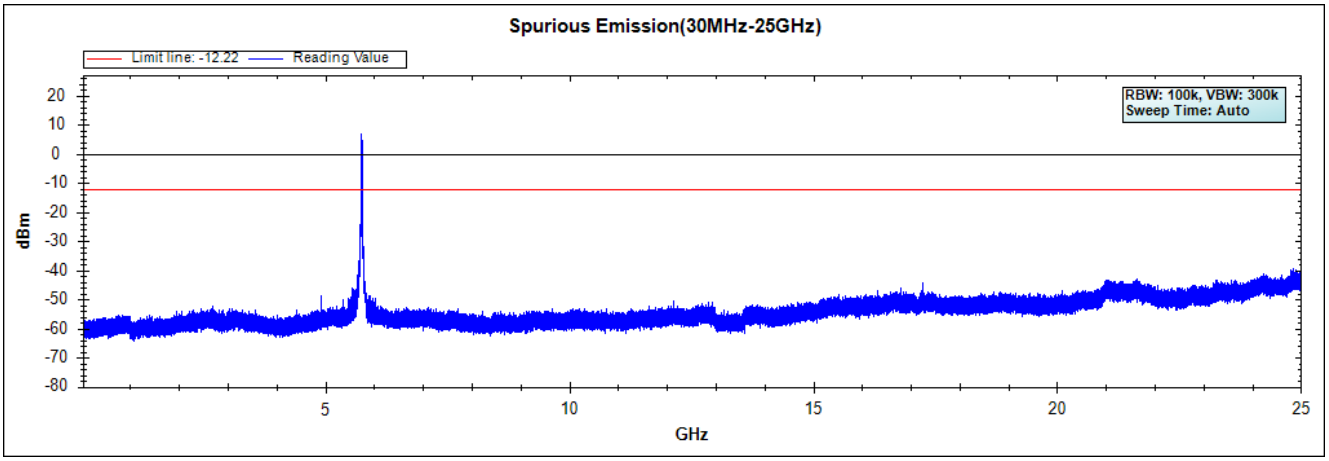


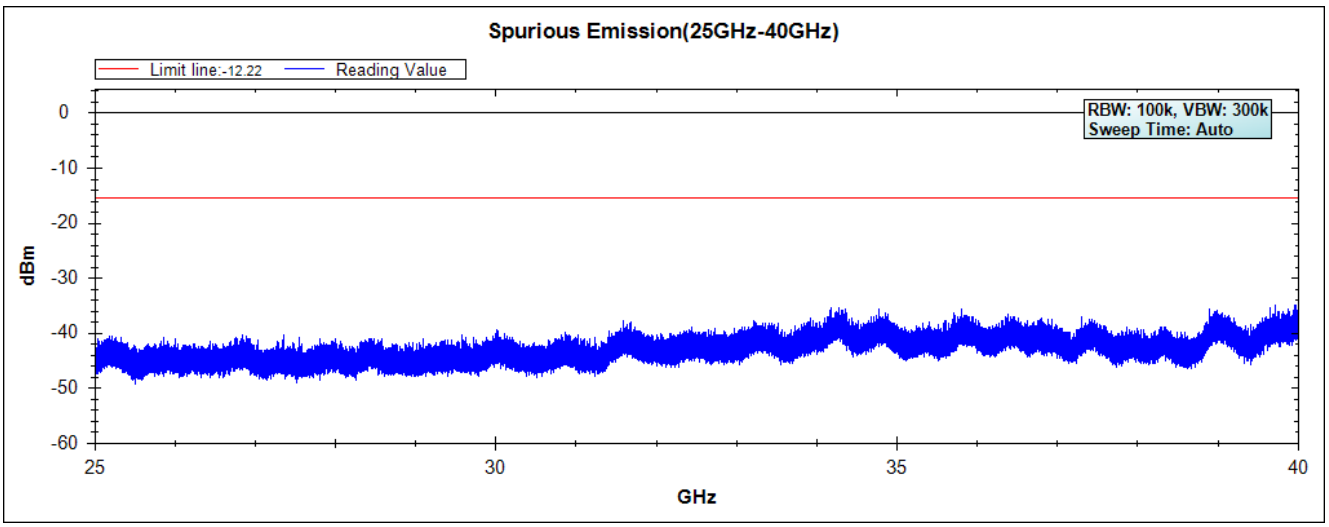
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 3 MIMO: Transmit - 802.11n-20BW_14.4Mbps(5G Band)

Chaia A

Channel 49 (5745MHz) 30MHz -40GHz

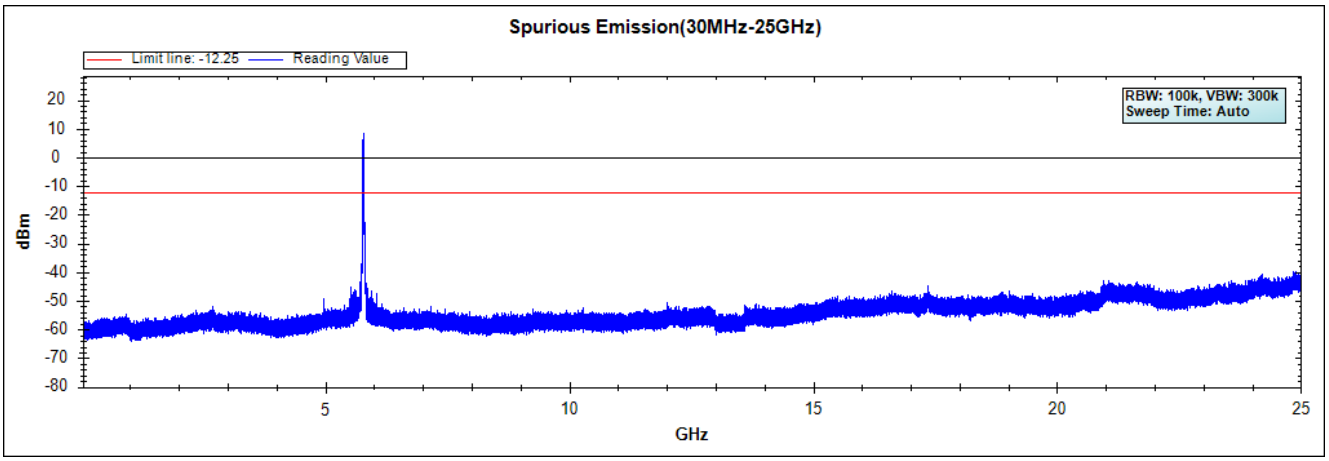


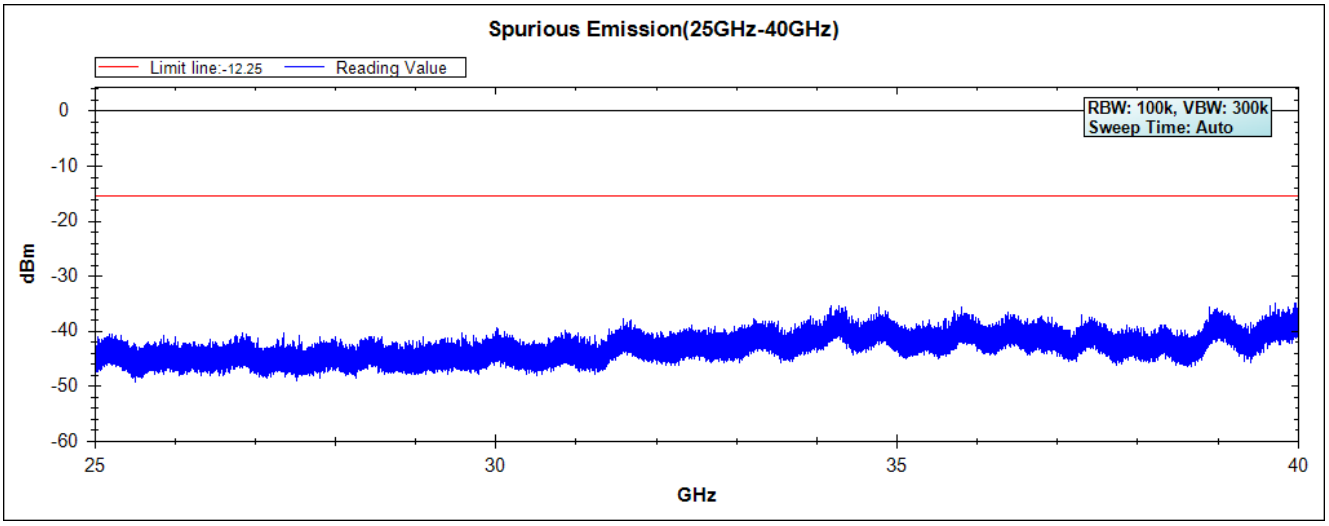


Note: The above test pattern is synthesized by multiple of the frequency range

.

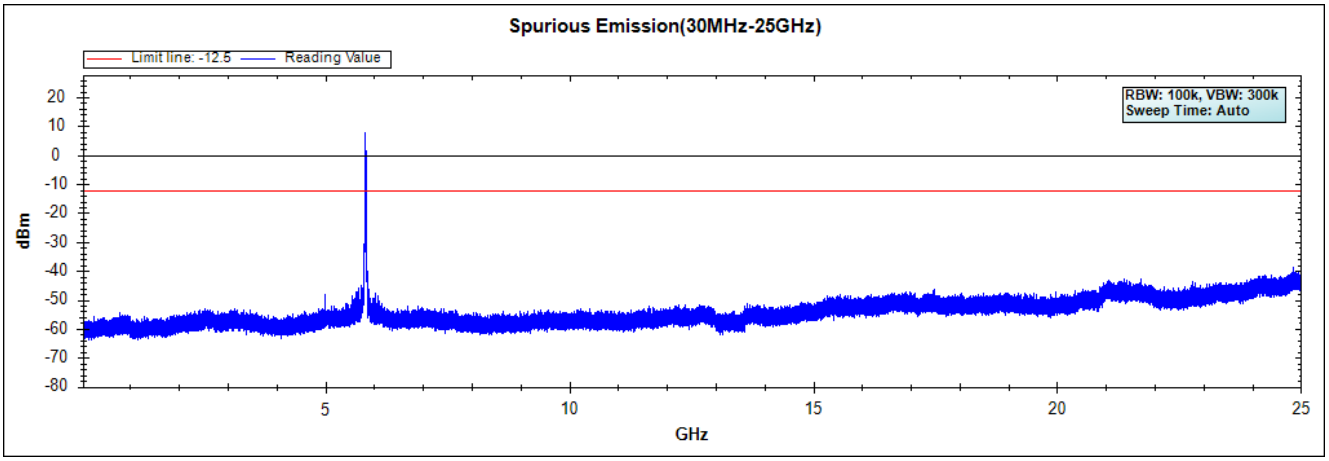
Channel 157 (5785MHz) 30MHz -40GHz

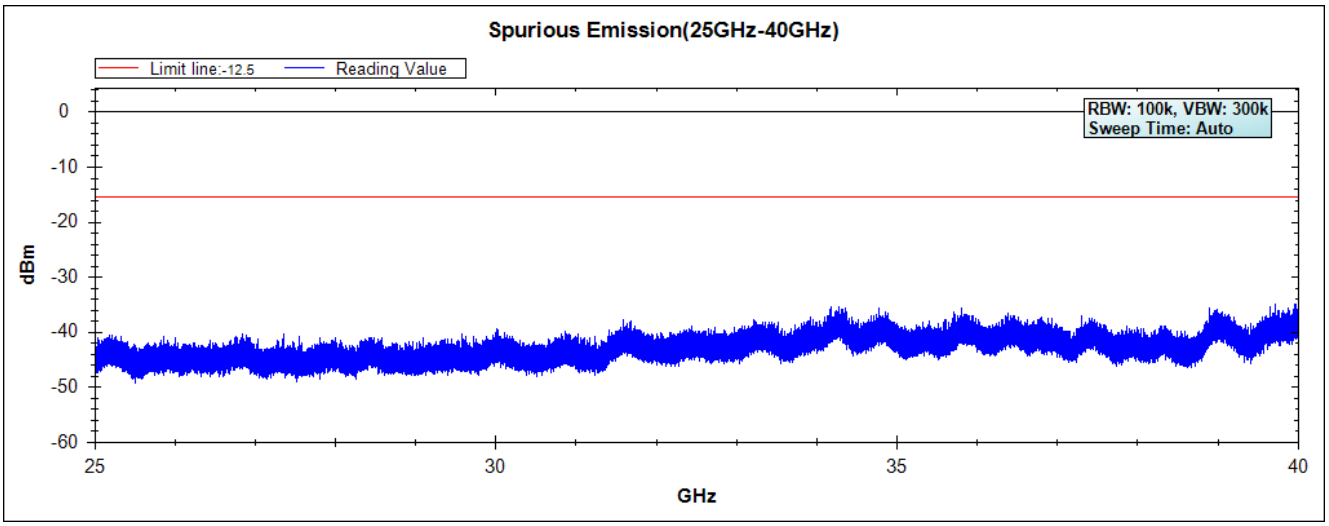




Note: The above test pattern is synthesized by multiple of the frequency range

Channel 165 (5825MHz) 30MHz -40GHz



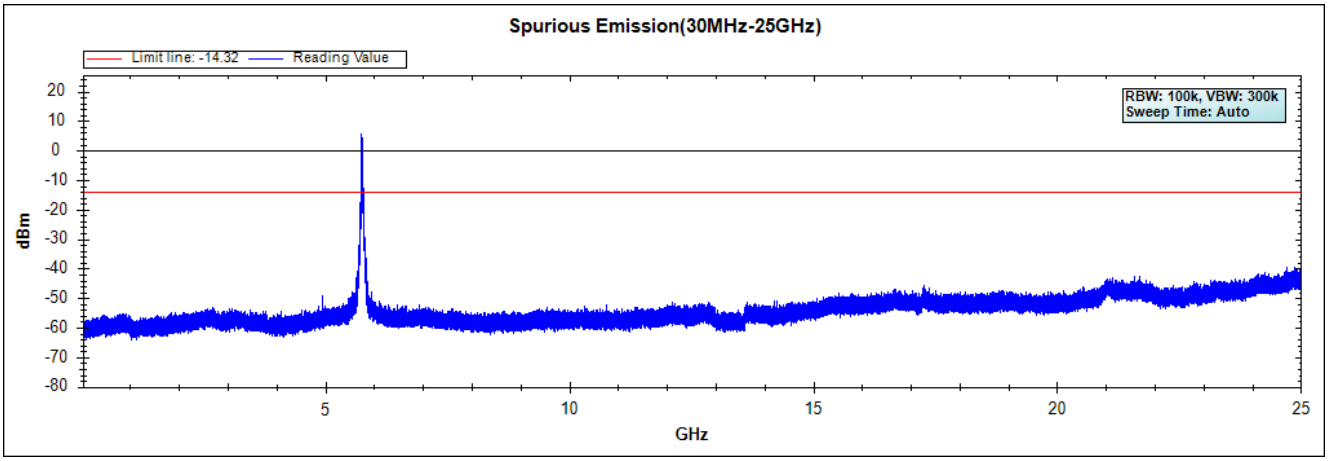


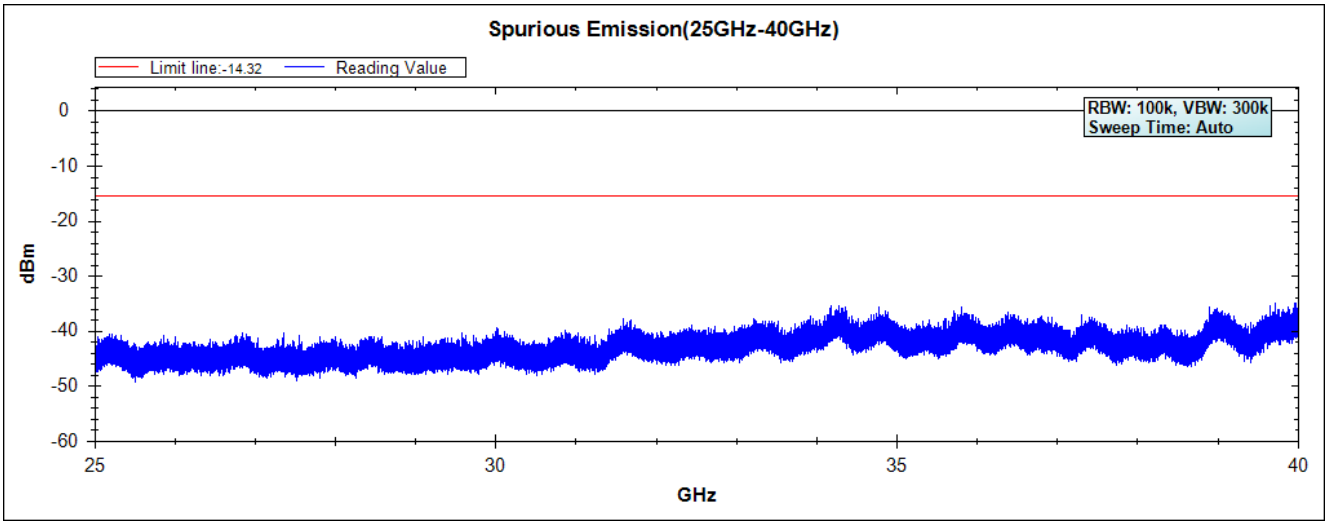
Note: The above test pattern is synthesized by multiple of the frequency range

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 3 MIMO: Transmit - 802.11n-40BW_30Mbps(5G Band)

Chaia A

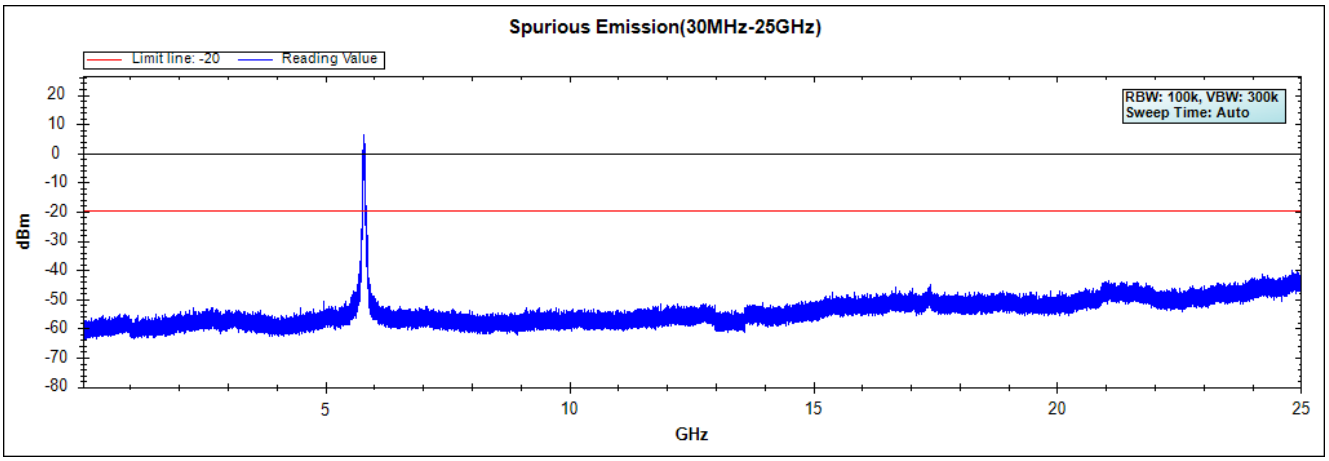
Channel 151 (5755MHz) 30MHz -40GHz

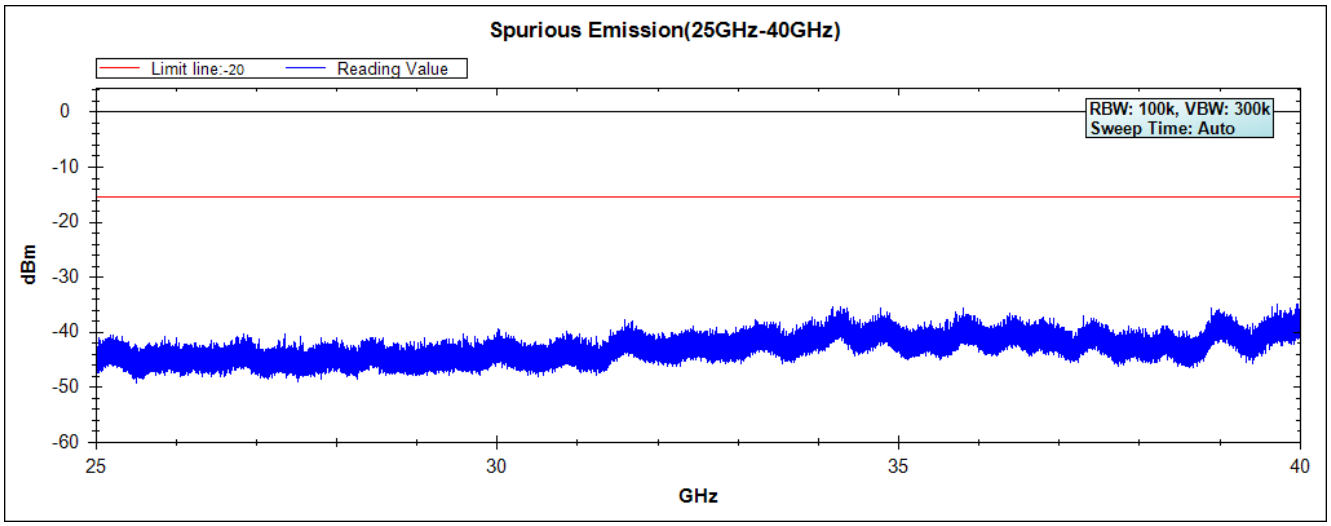




Note: The above test pattern is synthesized by multiple of the frequency range

Channel 159 (5795MHz) 30MHz -40GHz



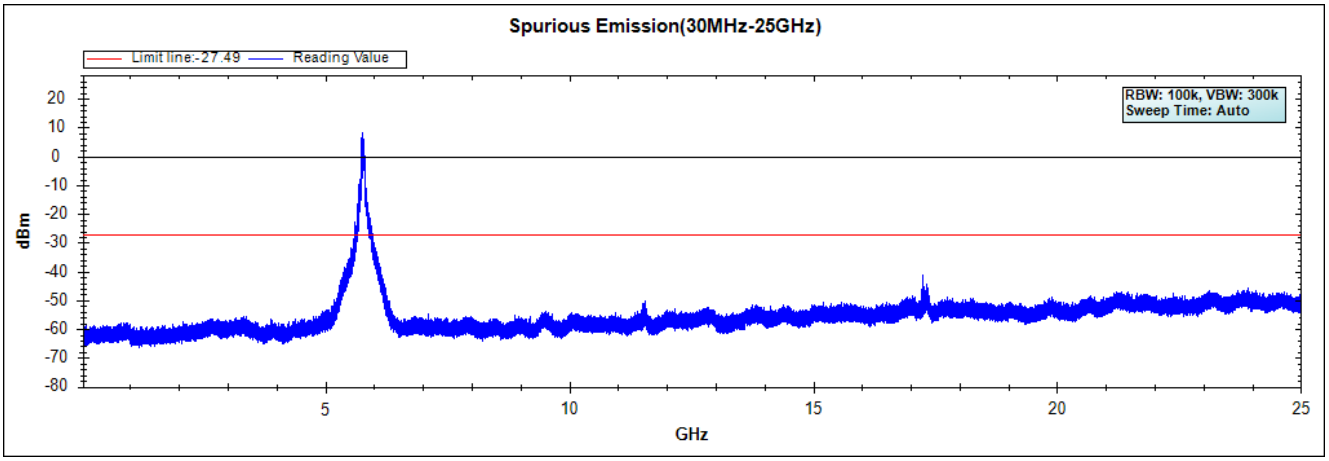


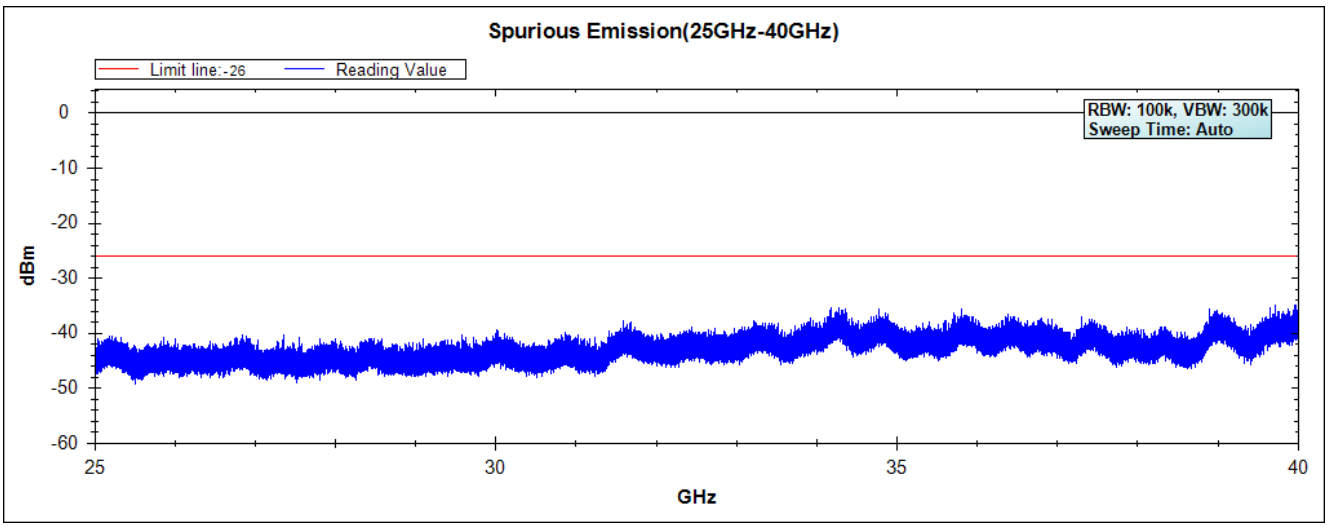
Note: The above test pattern is synthesized by multiple of the frequency range

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 3 MIMO: Transmit - 802.11ac-80BW_65Mbps(5G Band)

Chaia A

Channel 155 (5775MHz) 30MHz -40GHz



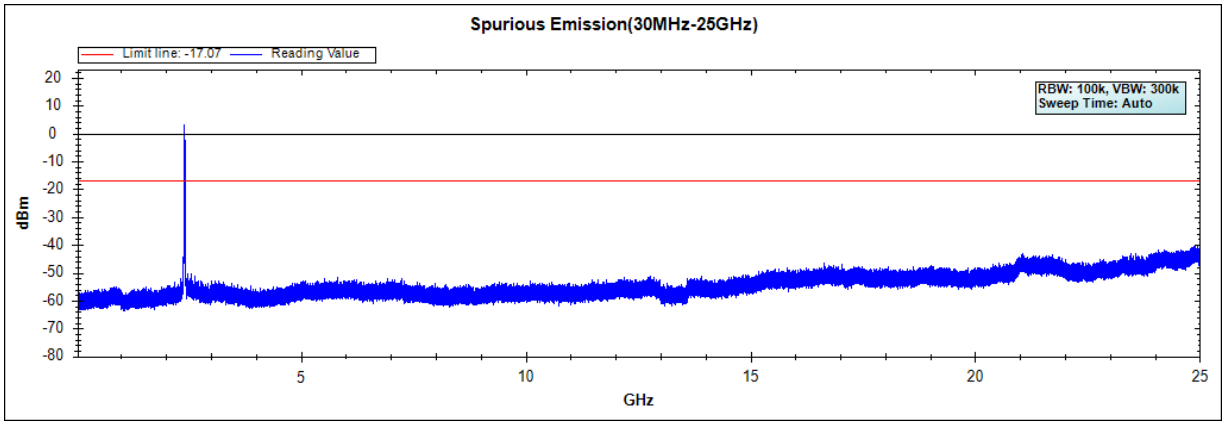


Note: The above test pattern is synthesized by multiple of the frequency range

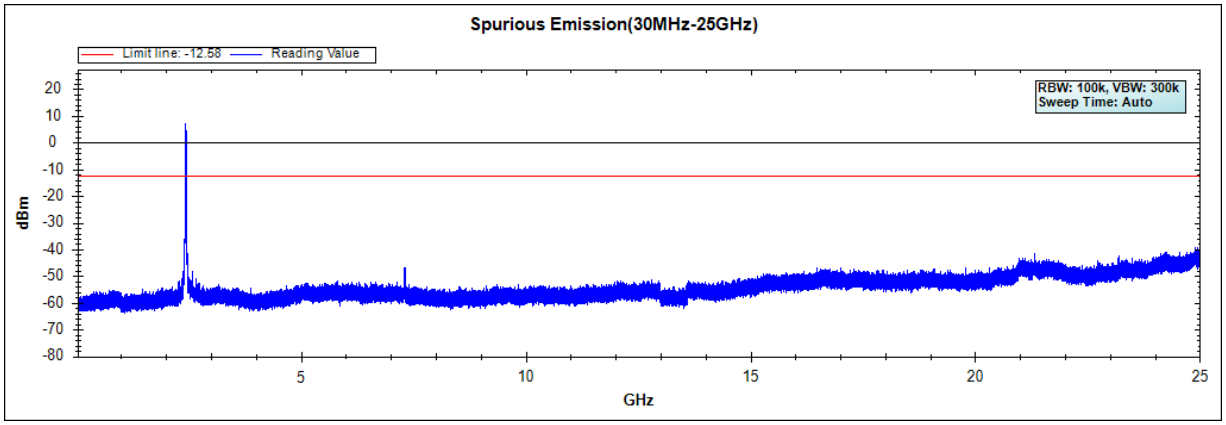
Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 3 MIMO: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band)

Chaia B

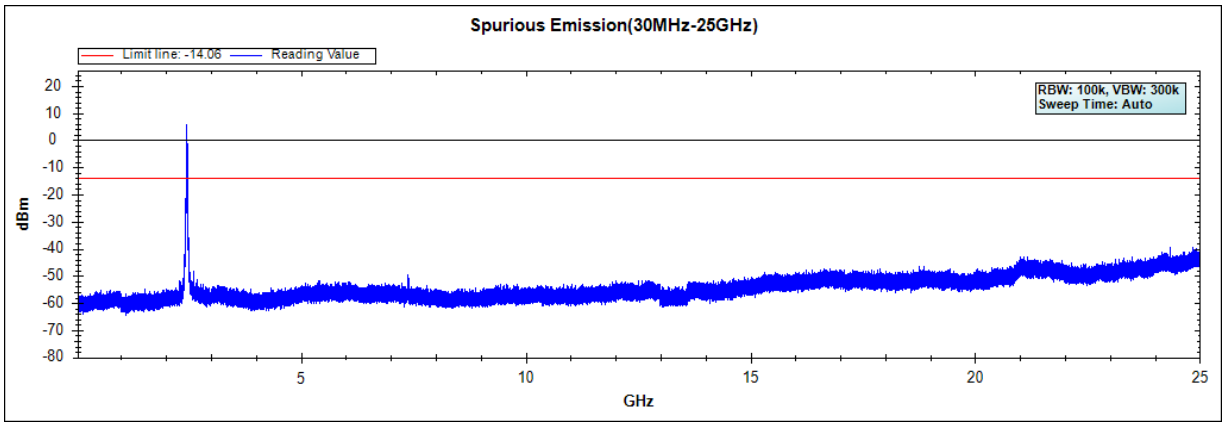
Channel 01 (2412MHz) 30MHz -25GHz



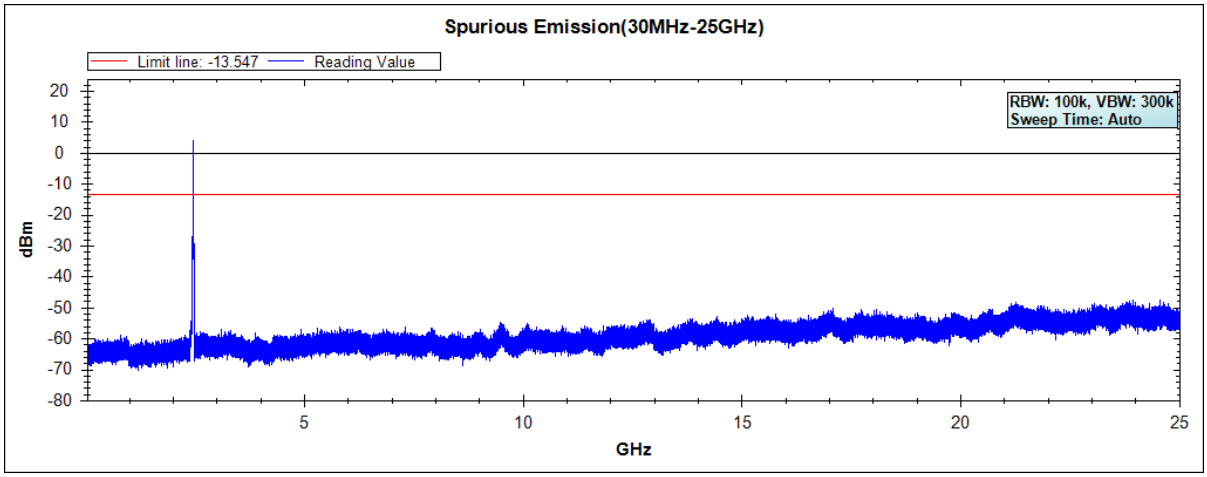
Channel 06 (2437MHz) 30MHz -25GHz



Channel 11 (2462MHz) 30MHz -25GHz



Channel 12 (2467MHz) 30MHz -25GHz

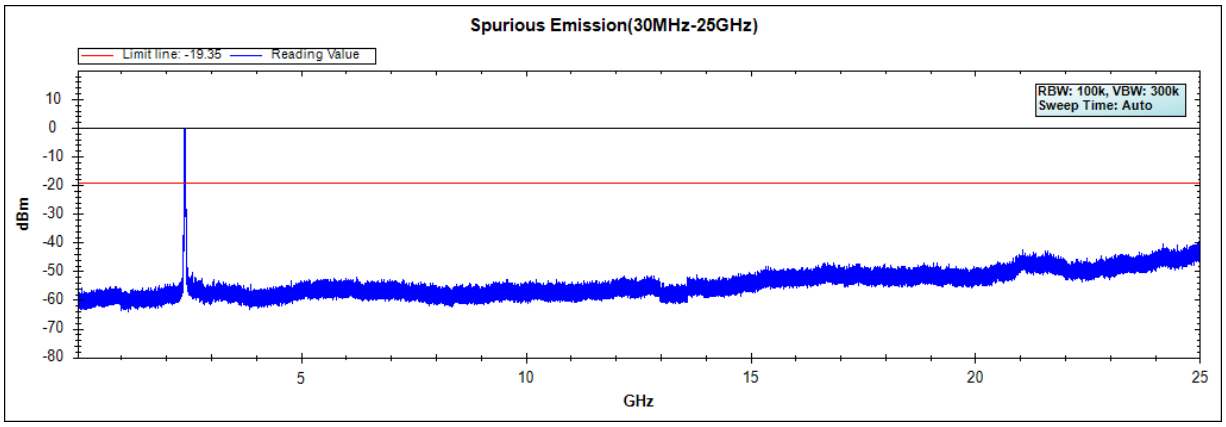


Note: The above test pattern is synthesized by multiple of the frequency range.

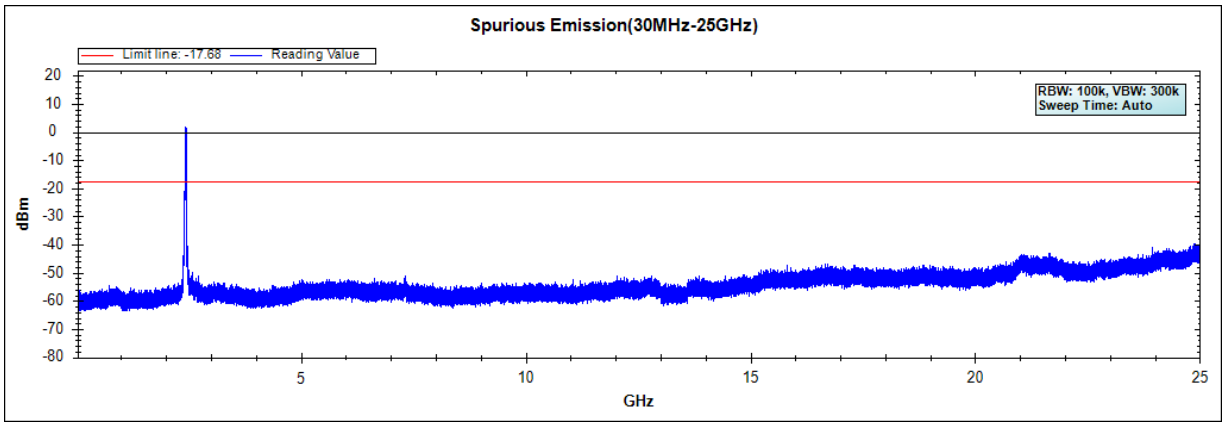
Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 3 MIMO: Transmit - 802.11n-40BW_30Mbps(2.4G Band)

Chaia B

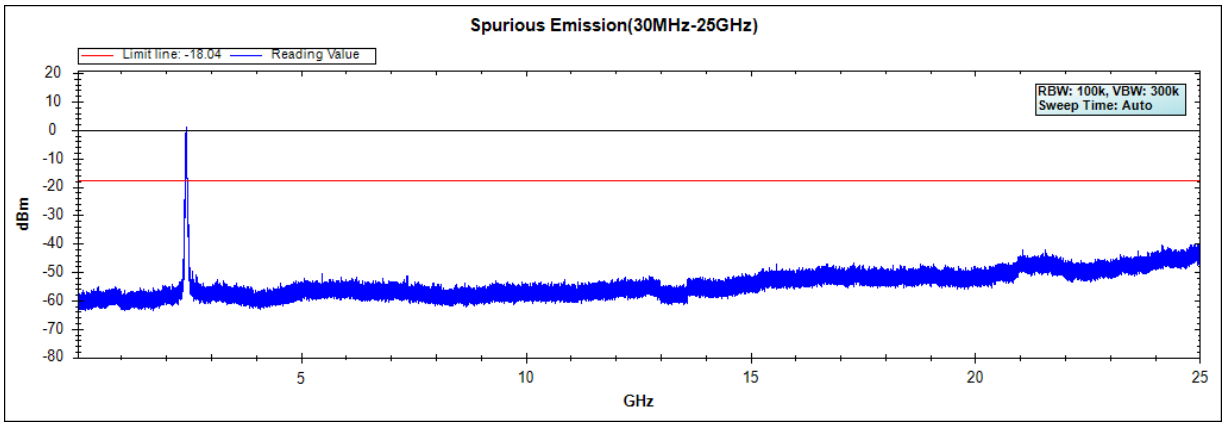
Channel 03 (2422MHz) 30MHz -25GHz



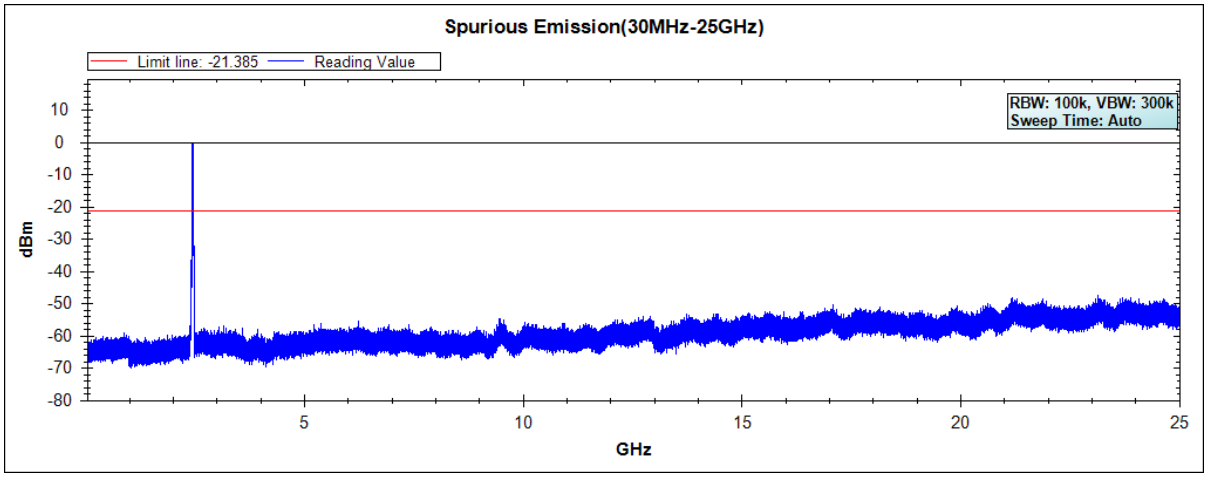
Channel 06 (2437MHz) 30MHz -25GHz



Channel 09 (2452MHz) 30MHz -25GHz



Channel 10 (2457MHz) 30MHz -25GHz

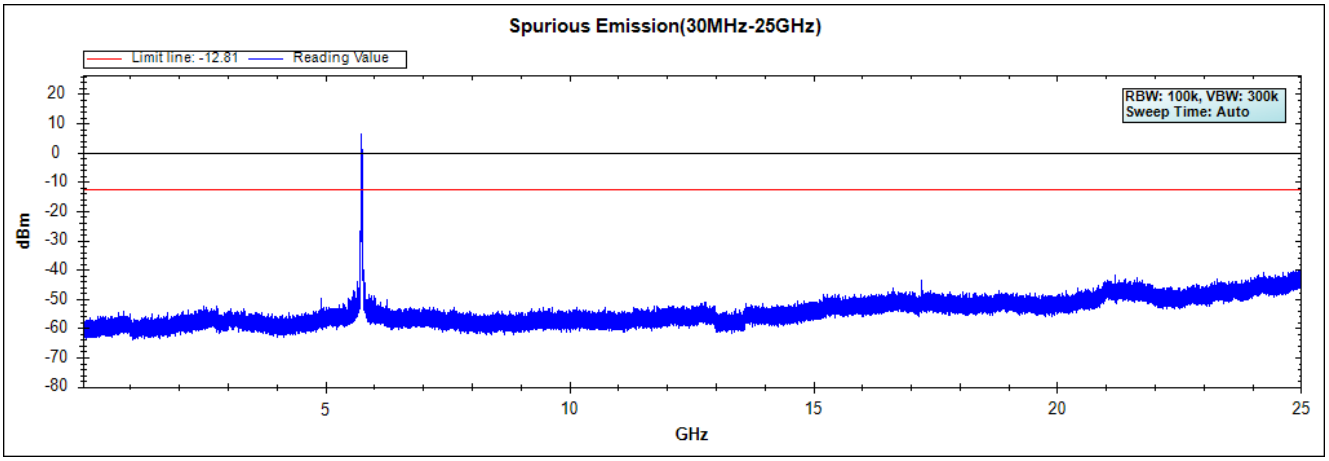


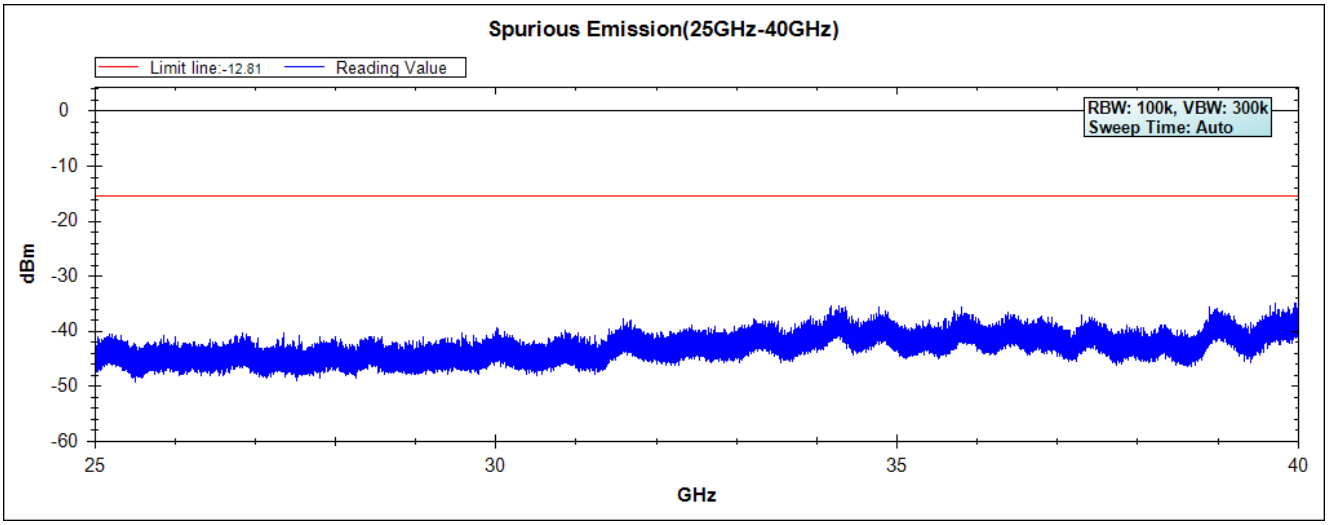
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 3 MIMO: Transmit - 802.11n-20BW_14.4Mbps(5G Band)

Chaia B

Channel 49 (5745MHz) 30MHz -40GHz

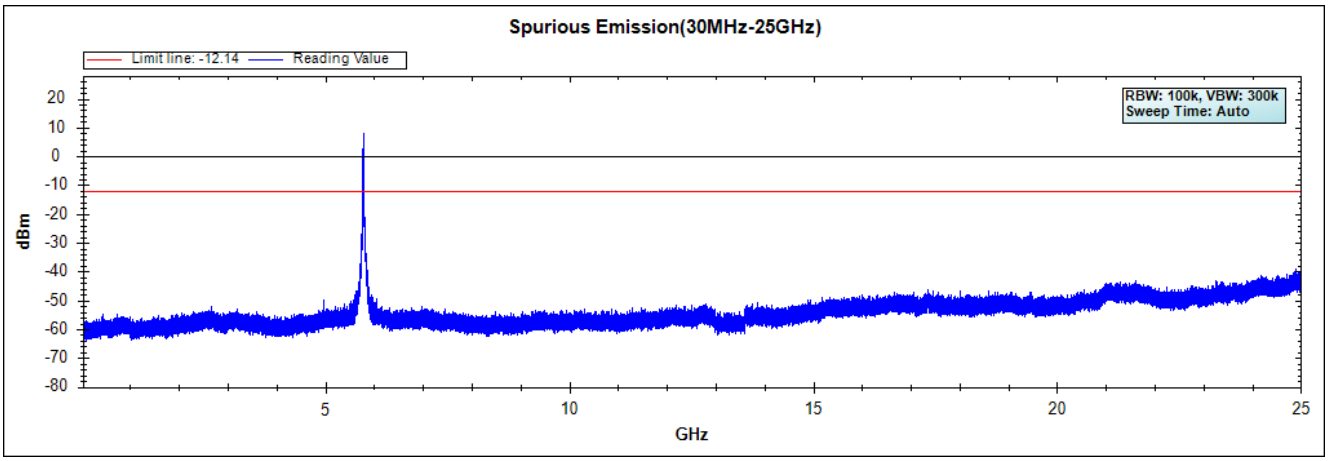


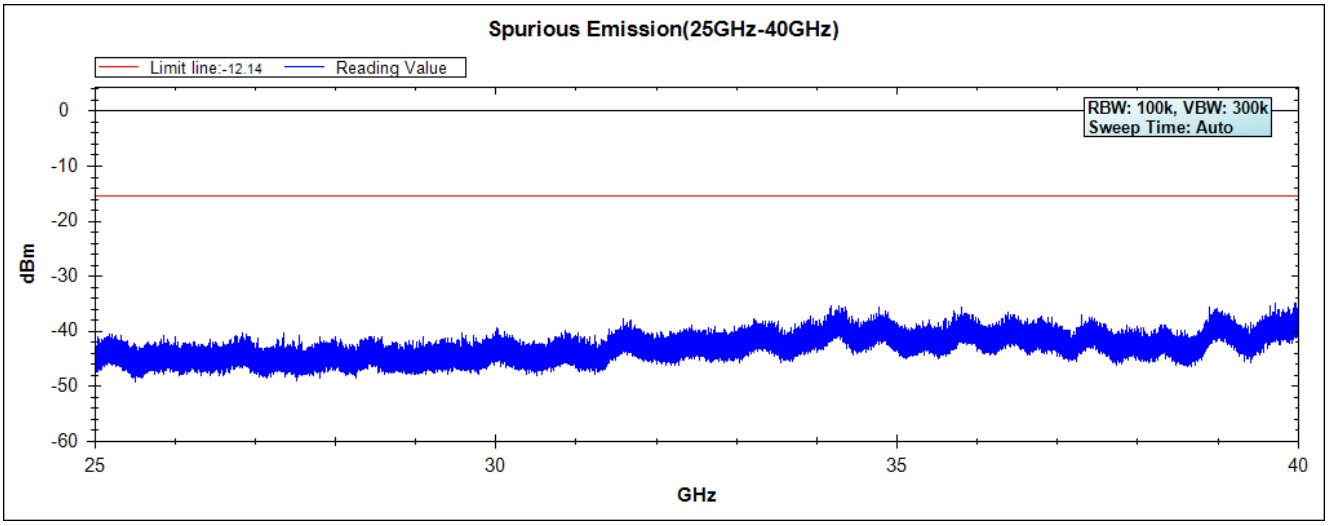


Note: The above test pattern is synthesized by multiple of the frequency range

.

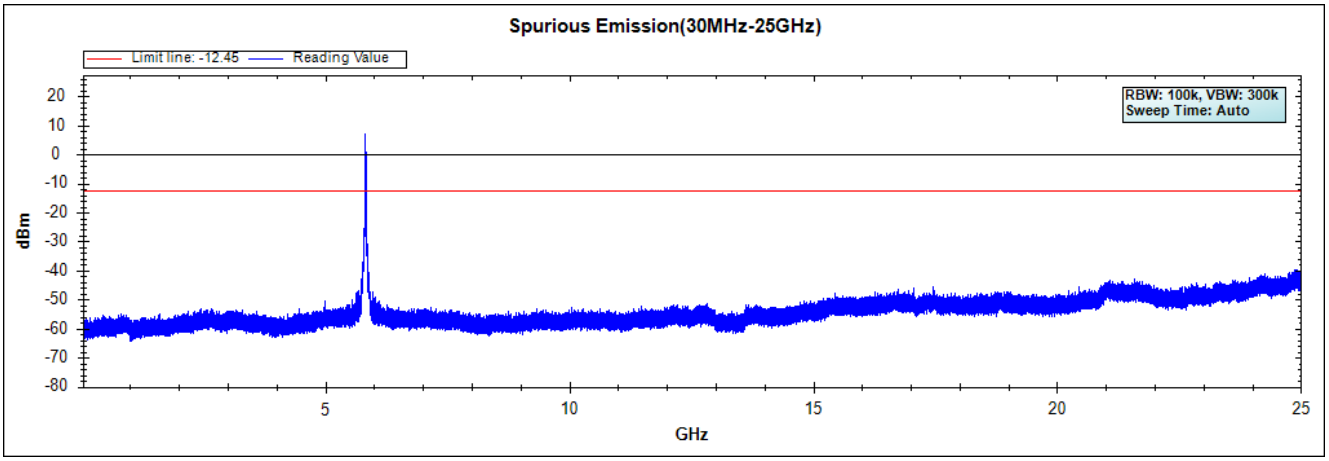
Channel 157 (5785MHz) 30MHz -40GHz

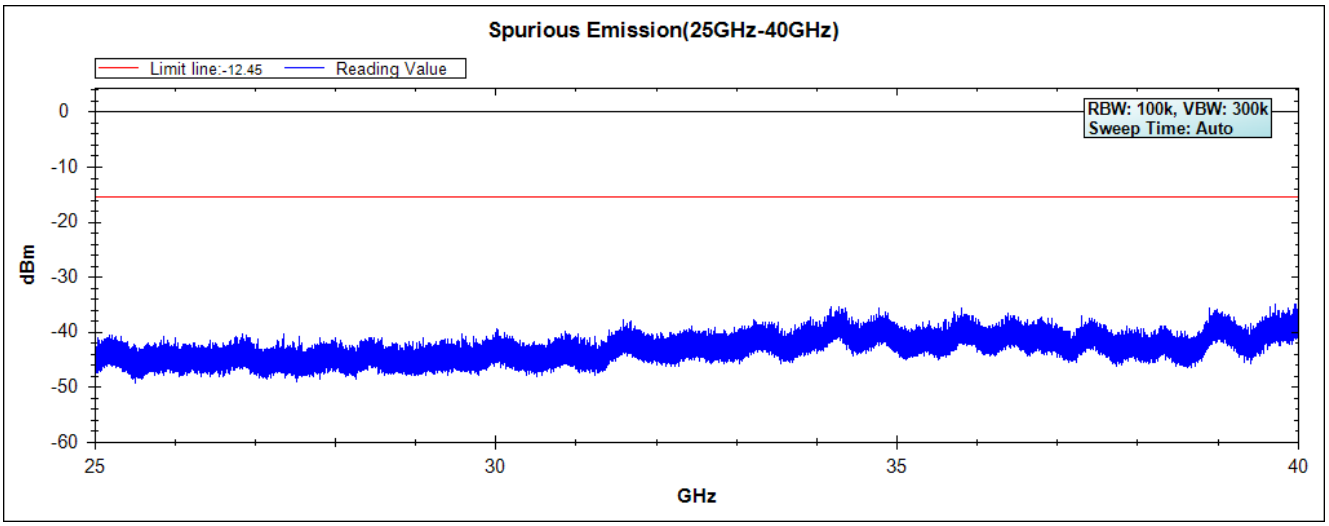




Note: The above test pattern is synthesized by multiple of the frequency range

Channel 165 (5825MHz) 30MHz -40GHz



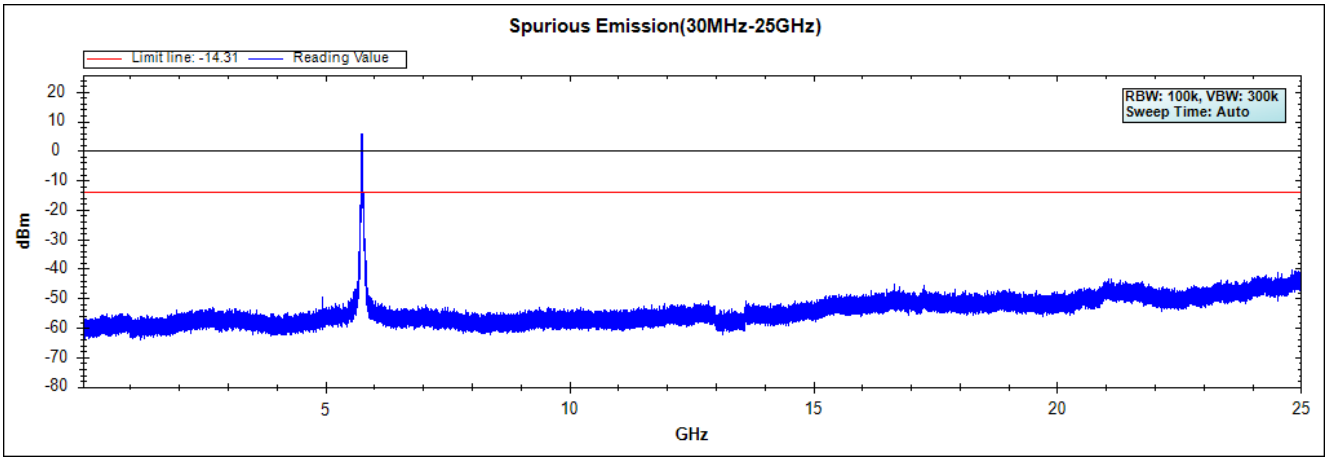


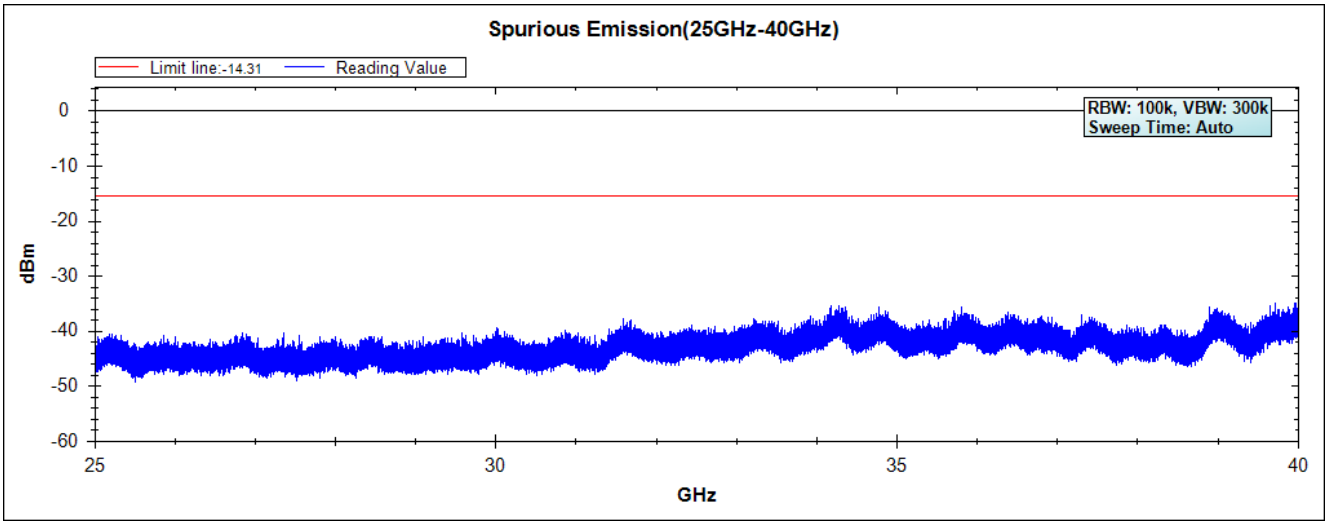
Note: The above test pattern is synthesized by multiple of the frequency range

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 3 MIMO: Transmit - 802.11n-40BW_30Mbps(5G Band)

Chaia B

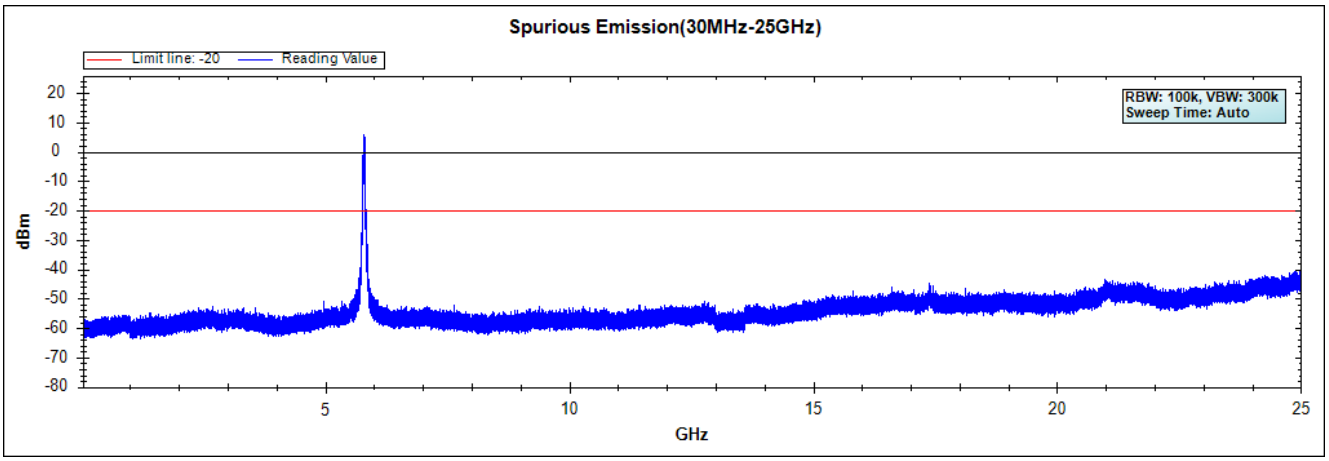
Channel 151 (5755MHz) 30MHz -40GHz

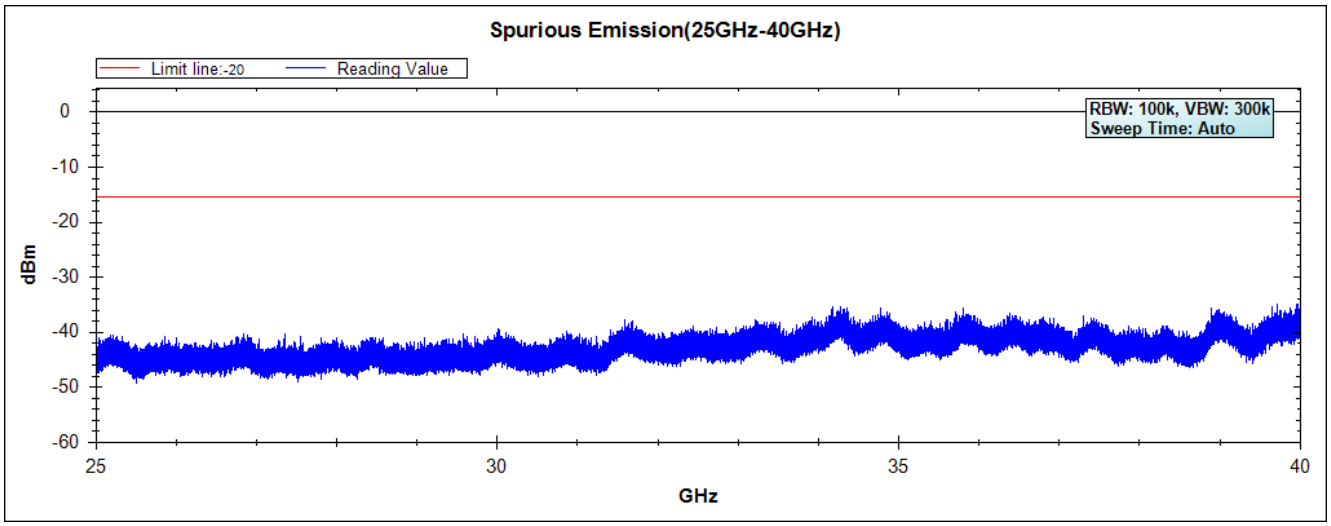




Note: The above test pattern is synthesized by multiple of the frequency range

Channel 159 (5795MHz) 30MHz -40GHz



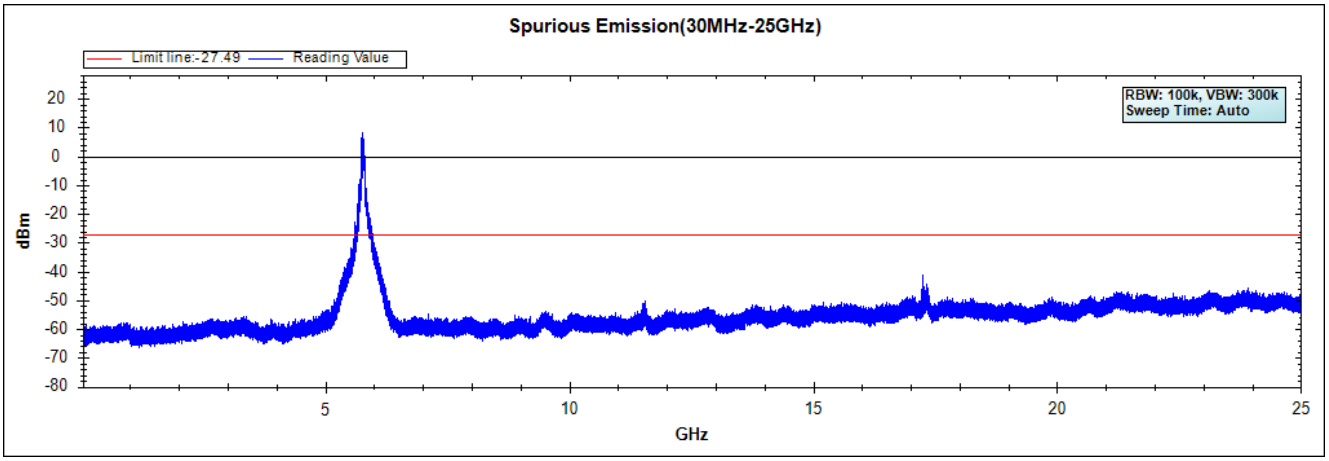


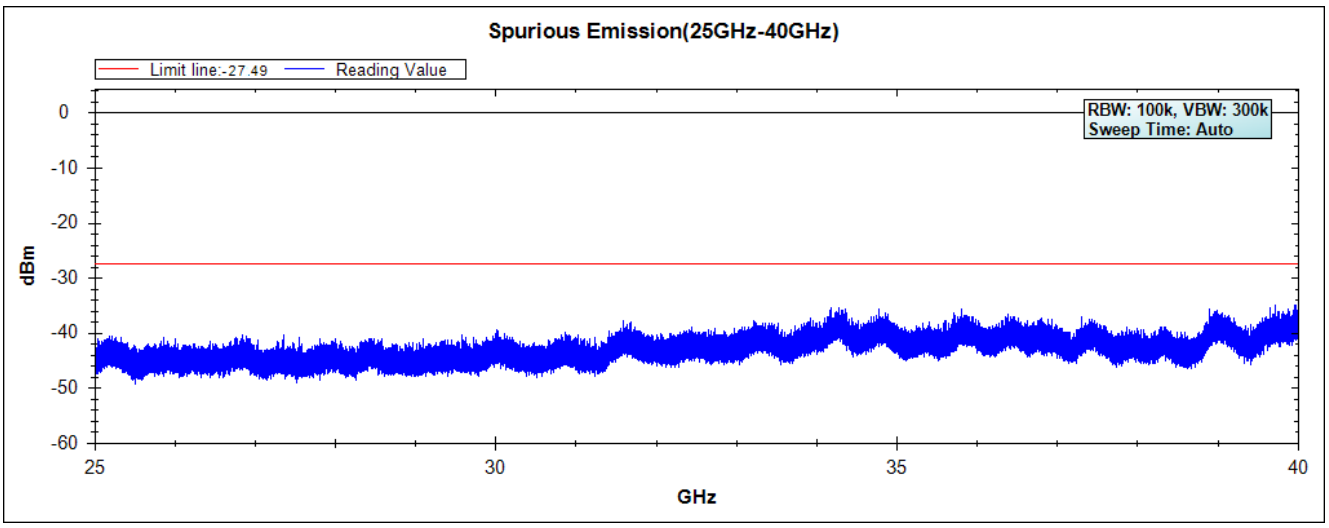
Note: The above test pattern is synthesized by multiple of the frequency range

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 3 MIMO: Transmit - 802.11ac-80BW_65Mbps(5G Band)

Chaia B

Channel 155 (5775MHz) 30MHz -40GHz



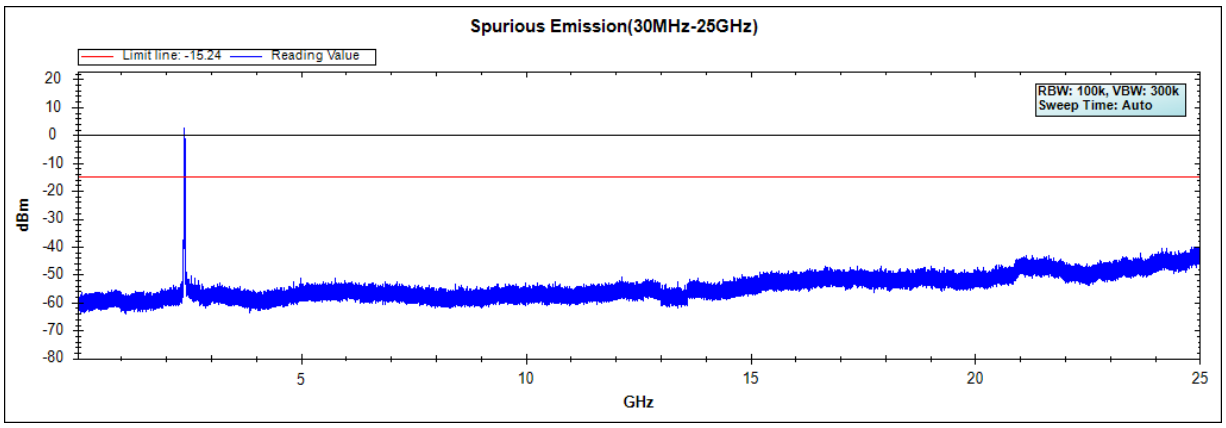


Note: The above test pattern is synthesized by multiple of the frequency range

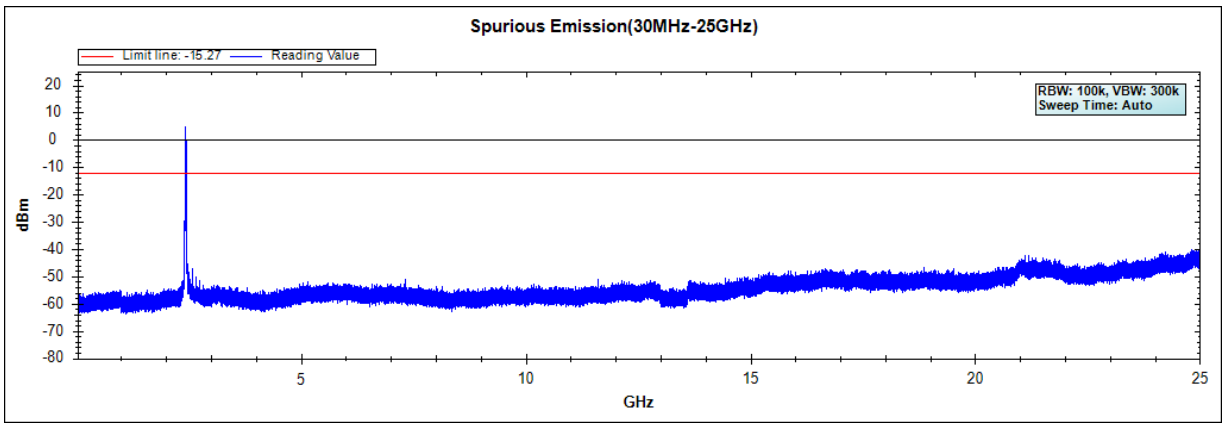
Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 4 Beamforming: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band)

Chaia A

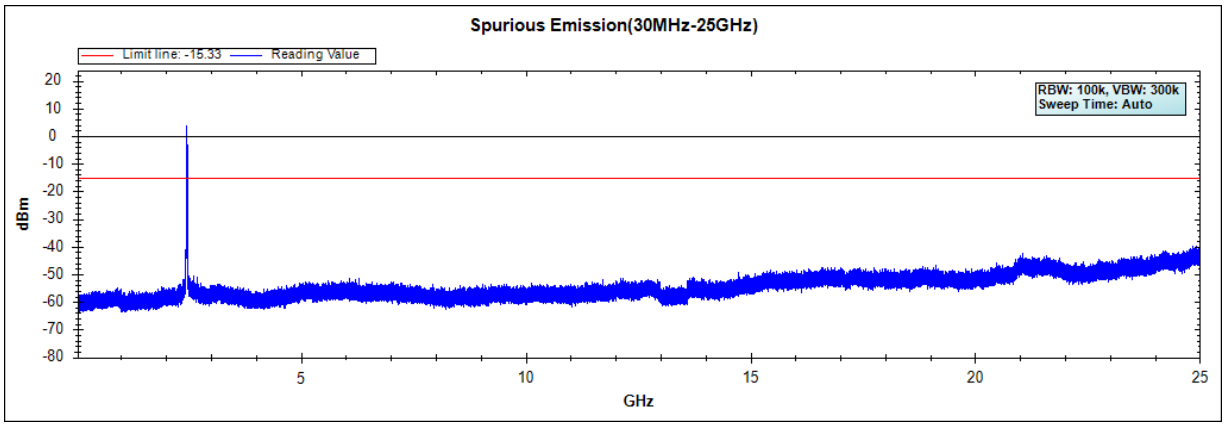
Channel 01 (2412MHz) 30MHz -25GHz



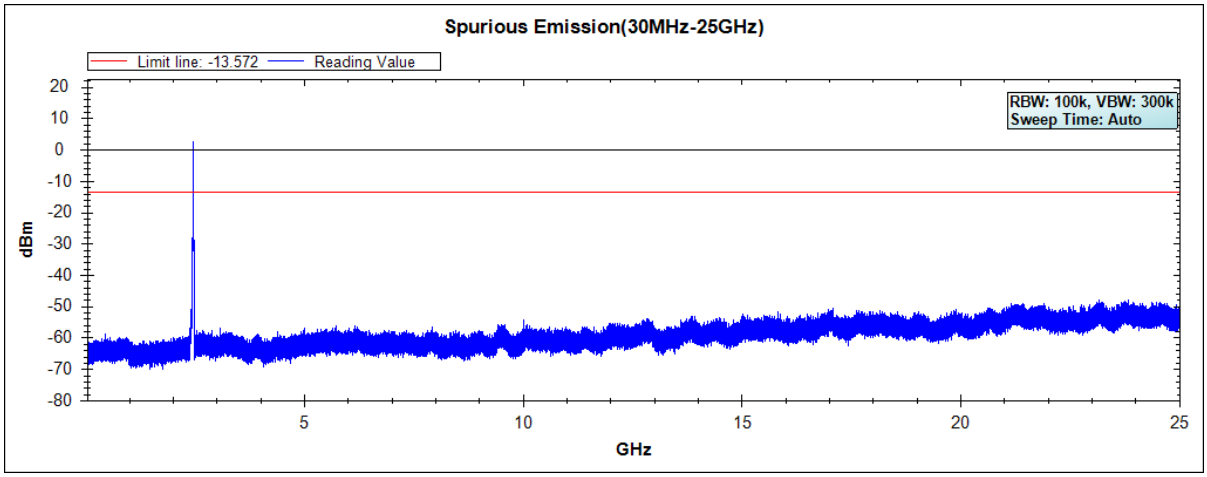
Channel 06 (2437MHz) 30MHz -25GHz



Channel 11 (2462MHz) 30MHz -25GHz



Channel 12 (2467MHz) 30MHz -25GHz

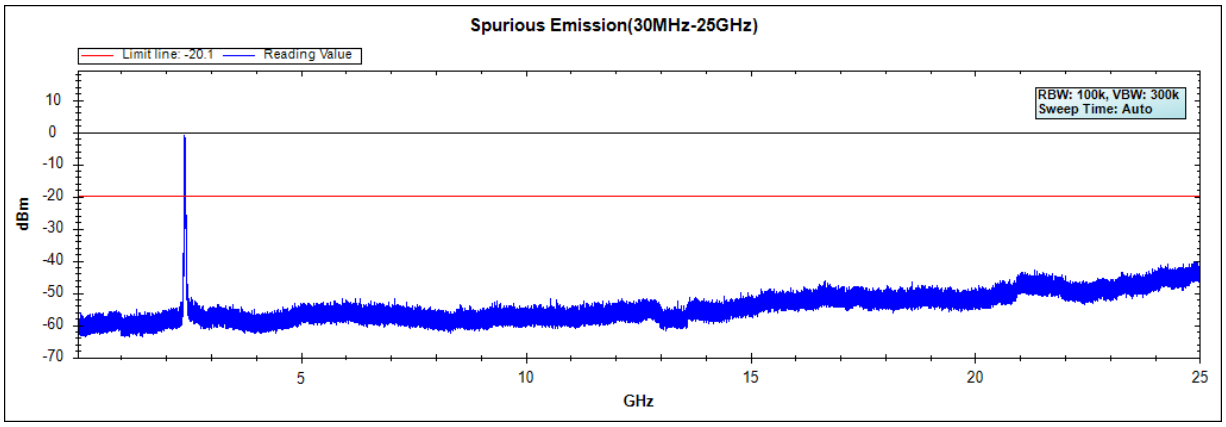


Note: The above test pattern is synthesized by multiple of the frequency range.

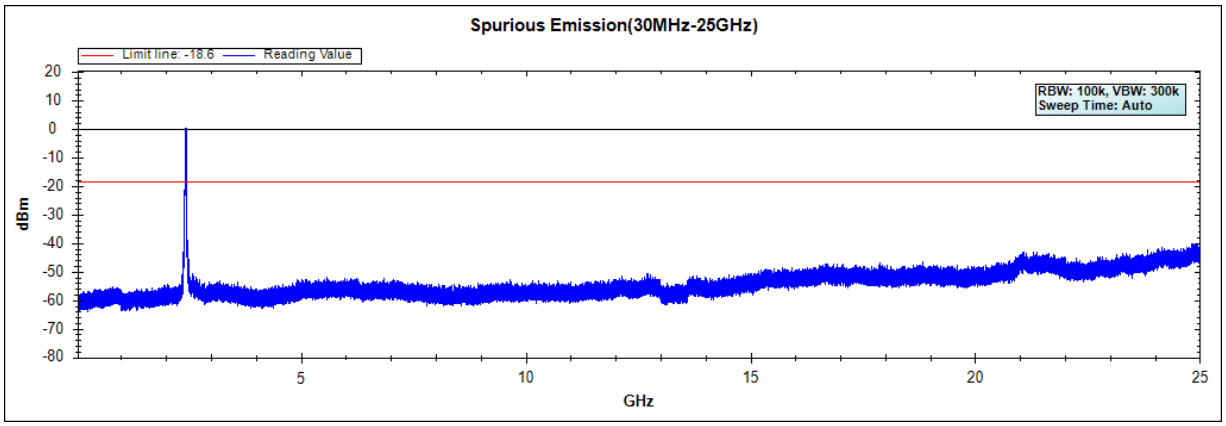
Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 4 Beamforming: Transmit - 802.11n-40BW_30Mbps(2.4G Band)

Chaia A

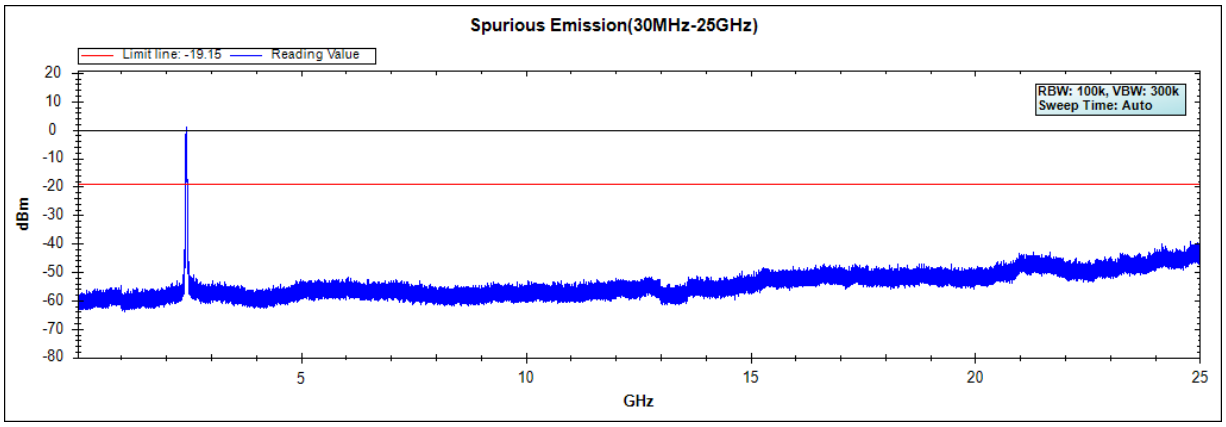
Channel 03 (2422MHz) 30MHz -25GHz



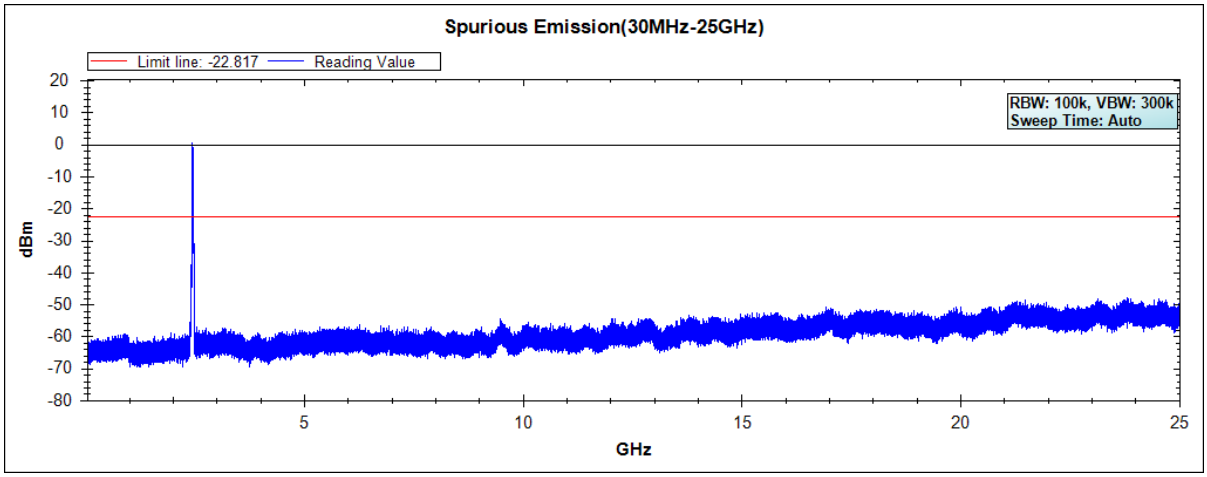
Channel 06 (2437MHz) 30MHz -25GHz



Channel 09 (2452MHz) 30MHz -25GHz



Channel 10 (2457MHz) 30MHz -25GHz

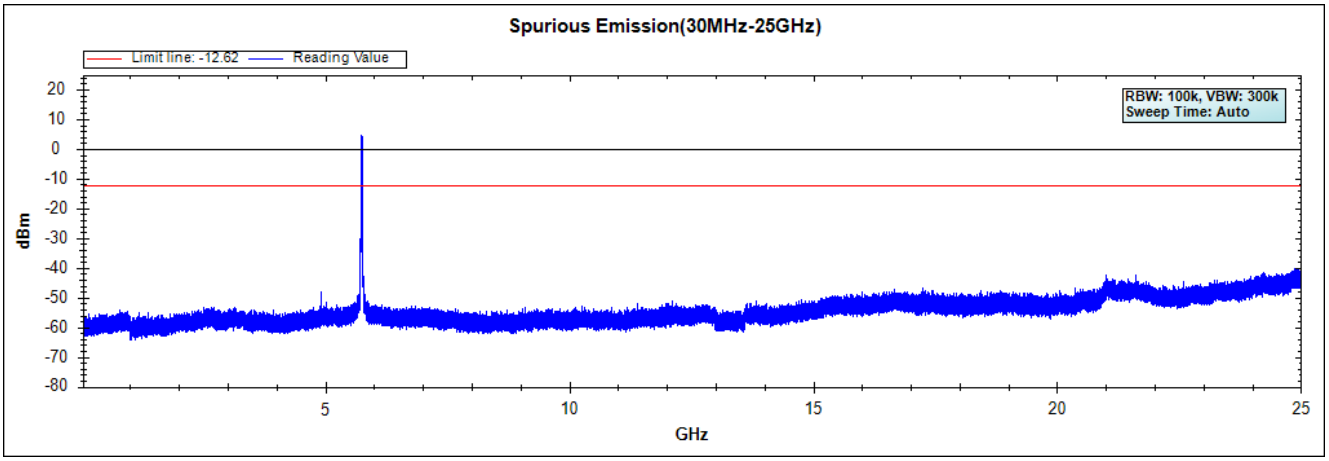


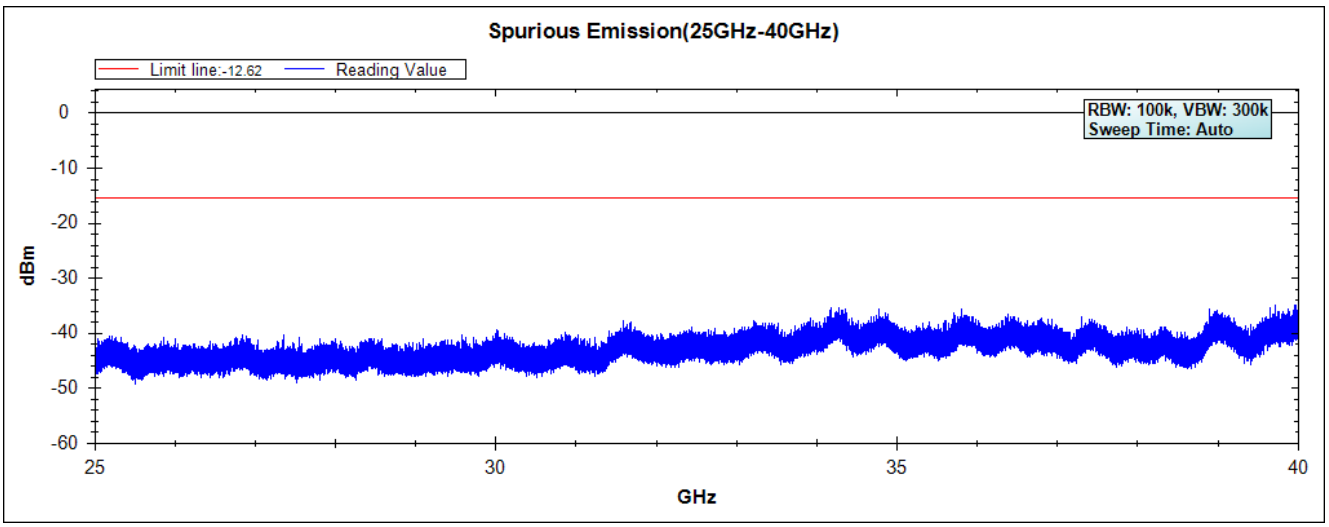
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 4 Beamforming: Transmit - 802.11n-20BW_14.4Mbps(5G Band)

Chaia A

Channel 49 (5745MHz) 30MHz -40GHz

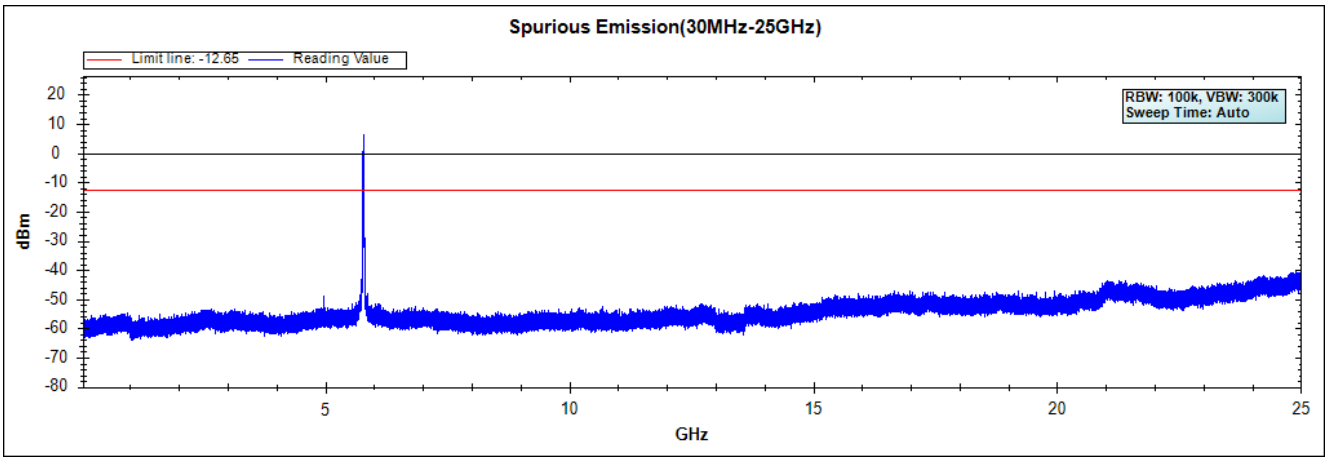


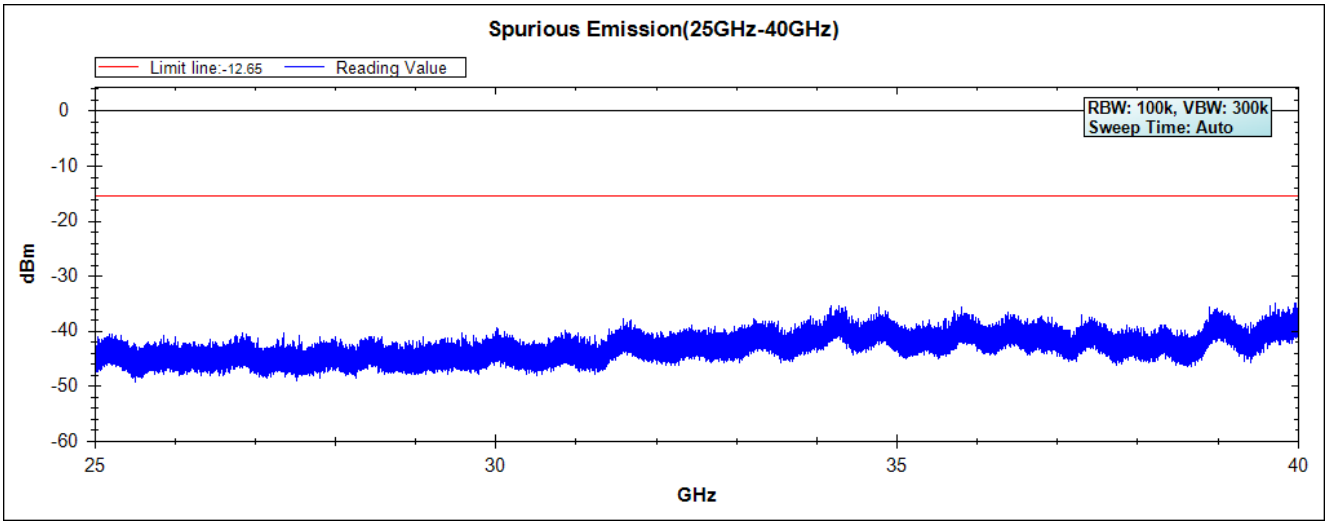


Note: The above test pattern is synthesized by multiple of the frequency range

.

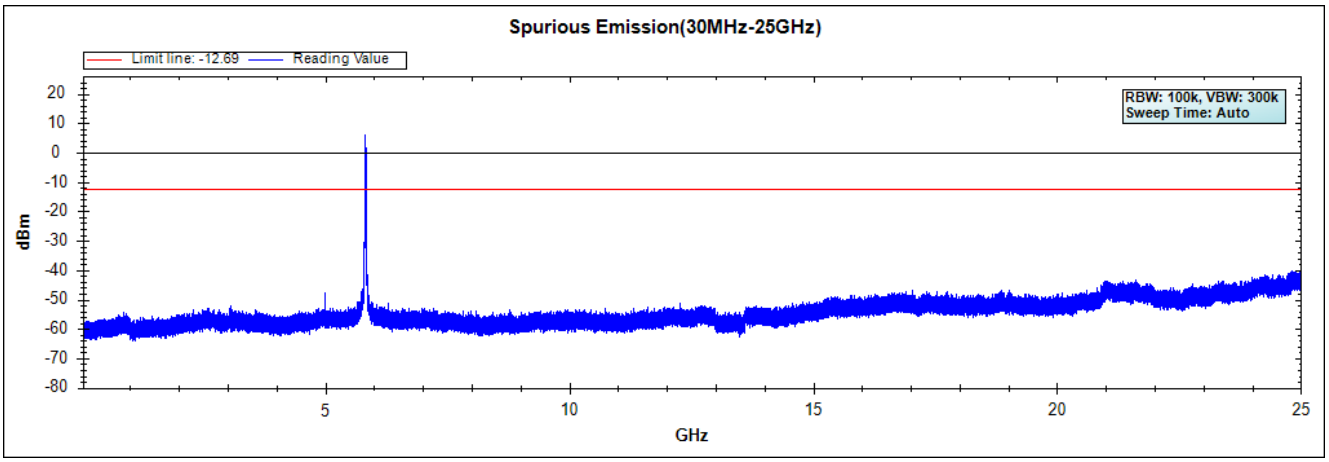
Channel 157 (5785MHz) 30MHz -40GHz

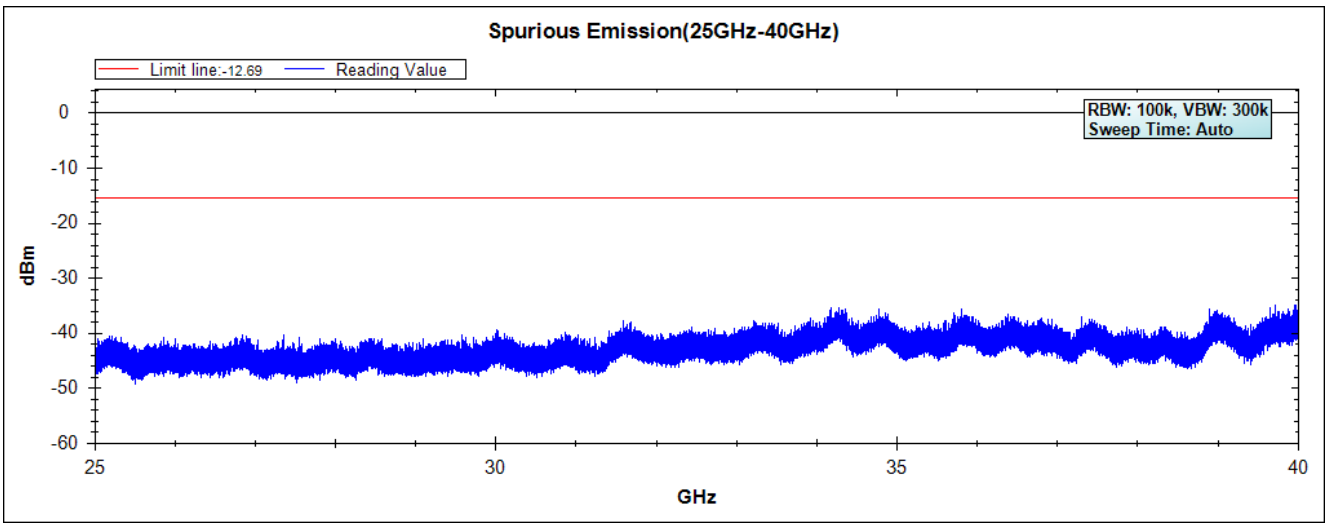




Note: The above test pattern is synthesized by multiple of the frequency range

Channel 165 (5825MHz) 30MHz -40GHz



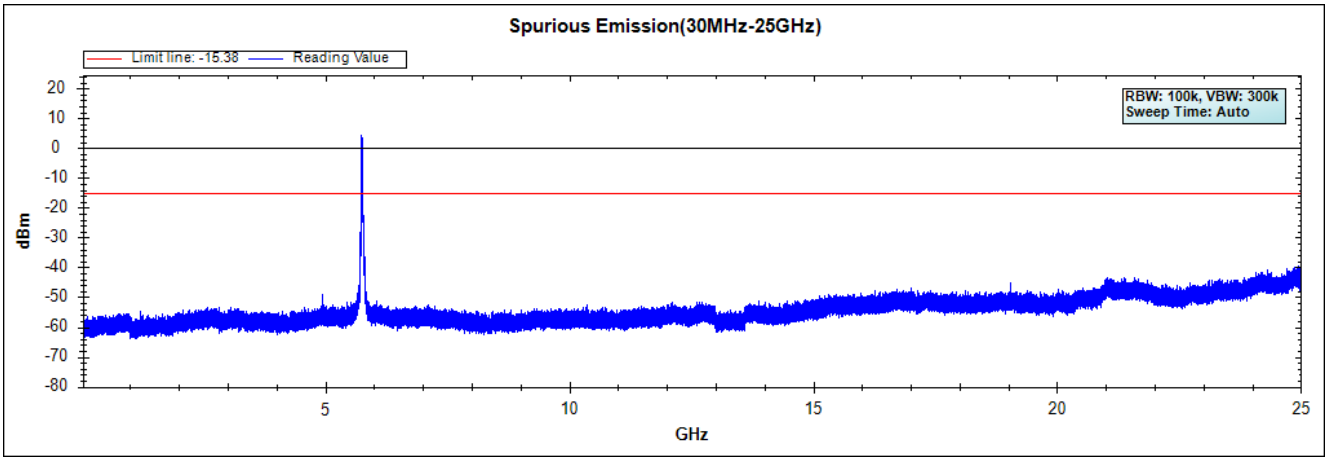


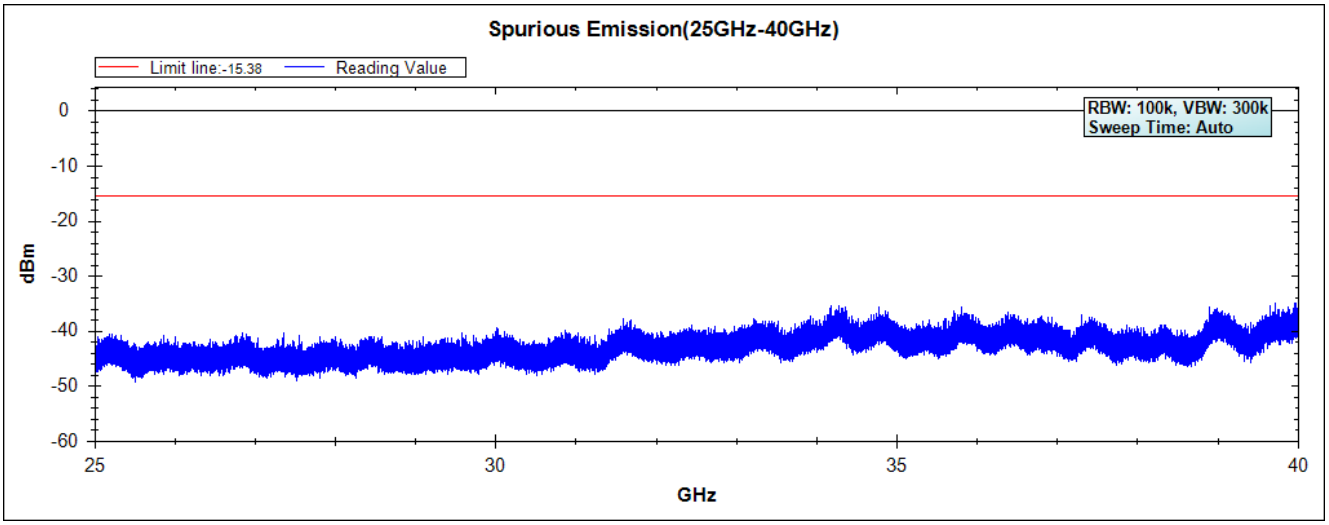
Note: The above test pattern is synthesized by multiple of the frequency range

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 4 Beamforming: Transmit - 802.11n-40BW_30Mbps(5G Band)

Chaia A

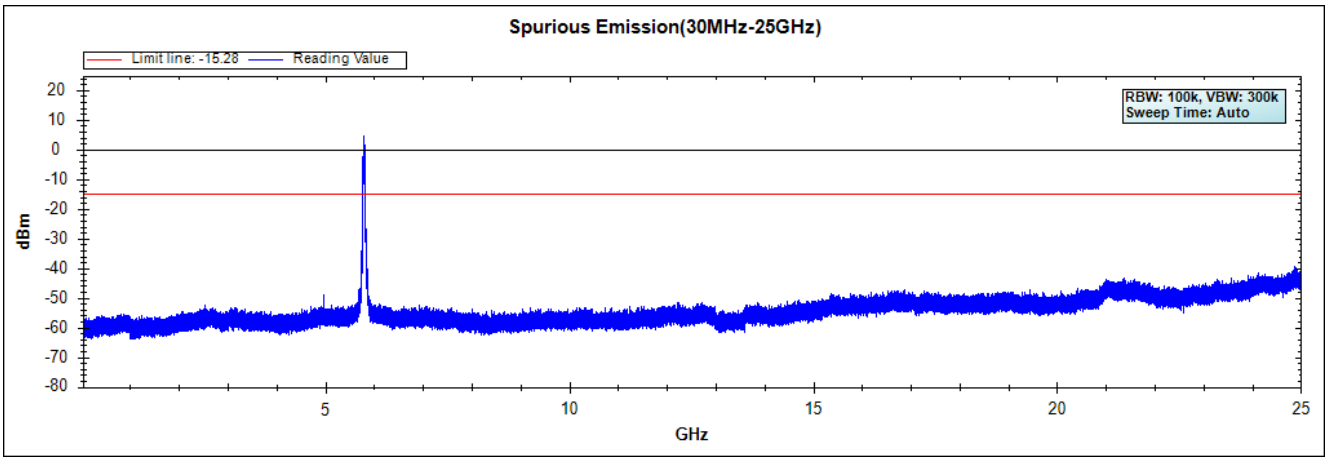
Channel 151 (5755MHz) 30MHz -40GHz

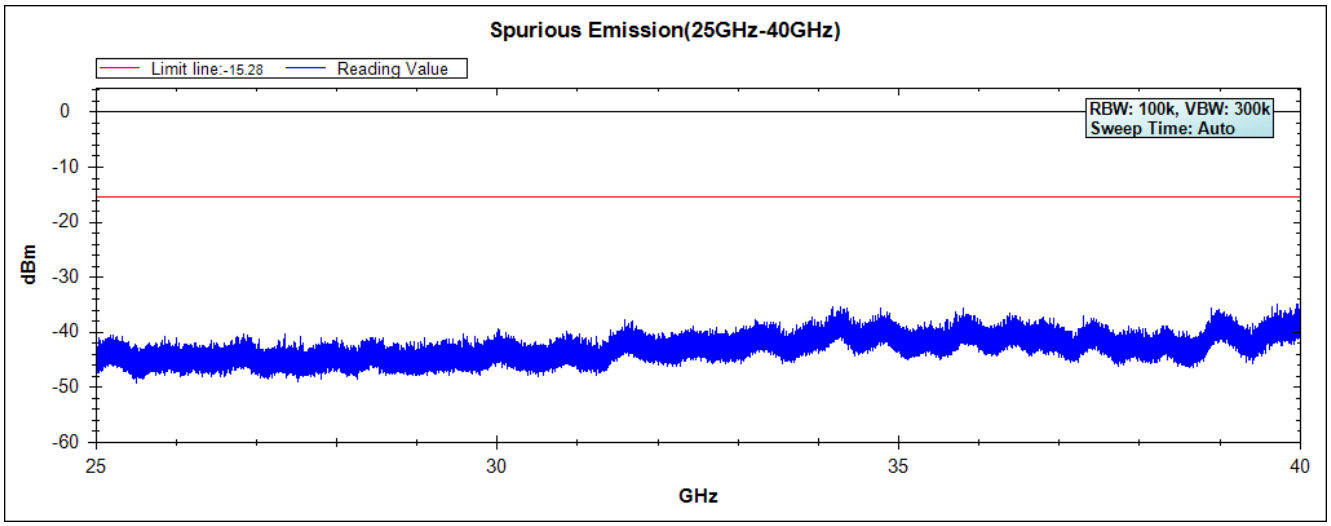




Note: The above test pattern is synthesized by multiple of the frequency range

Channel 159 (5795MHz) 30MHz -40GHz



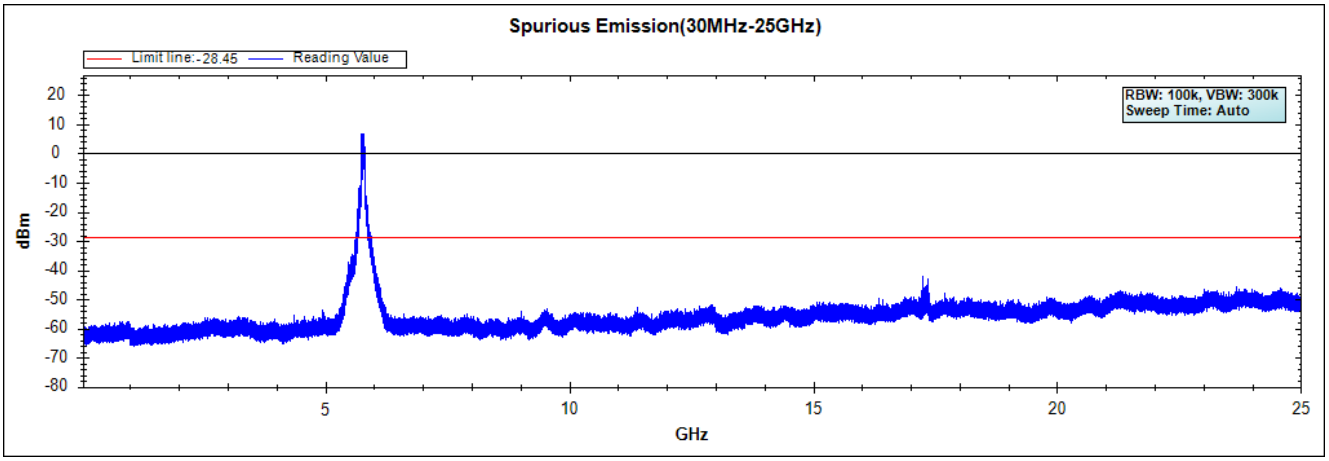


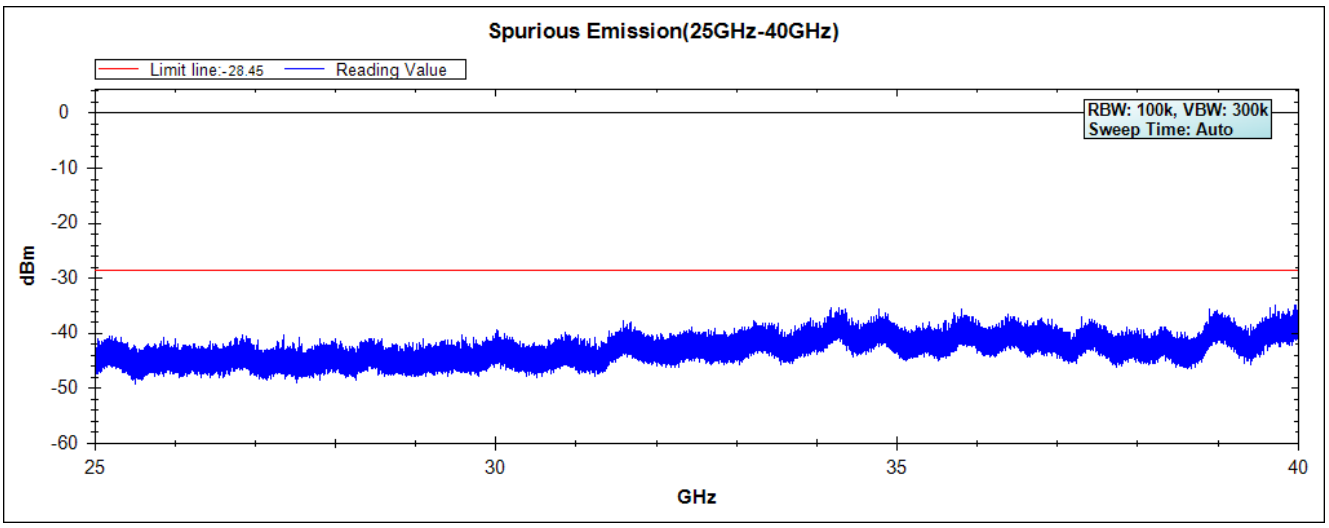
Note: The above test pattern is synthesized by multiple of the frequency range

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 4 Beamforming: Transmit - 802.11ac-80BW_65Mbps(5G Band)

Chaia A

Channel 155 (5775MHz) 30MHz -40GHz



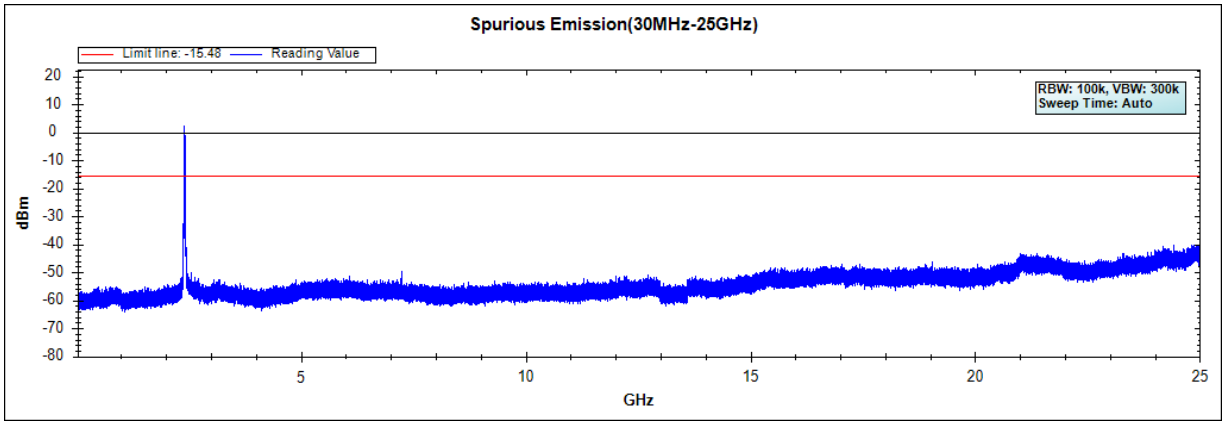


Note: The above test pattern is synthesized by multiple of the frequency range

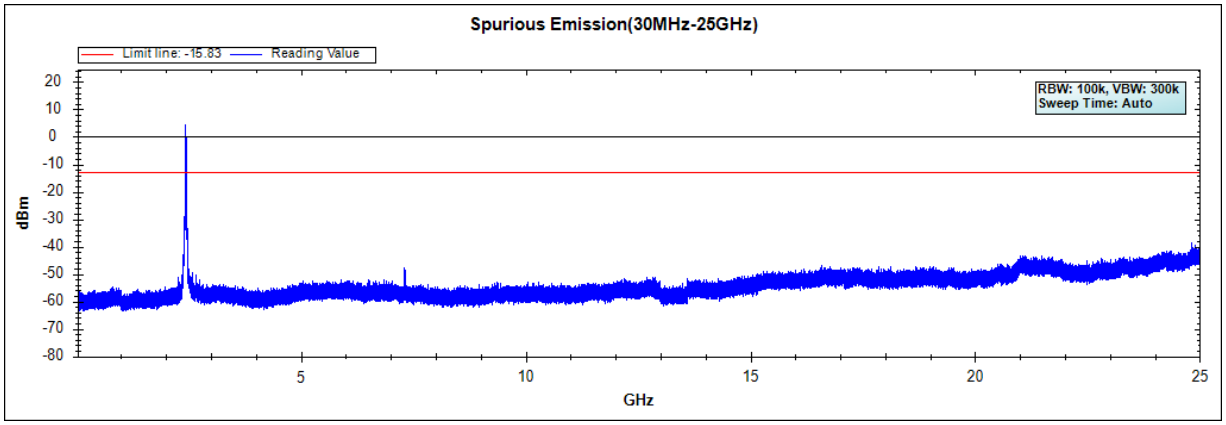
Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 4 Beamforming: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band)

Chaia B

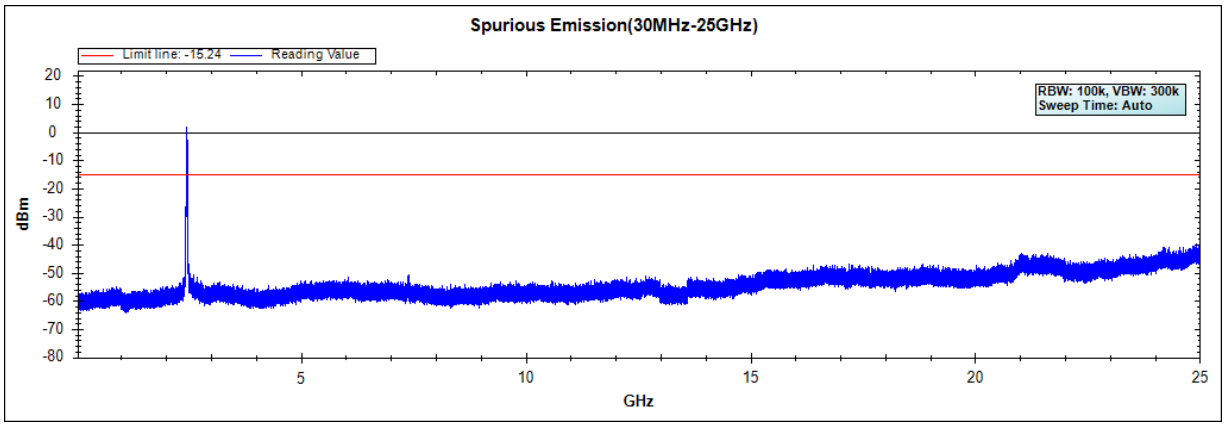
Channel 01 (2412MHz) 30MHz -25GHz



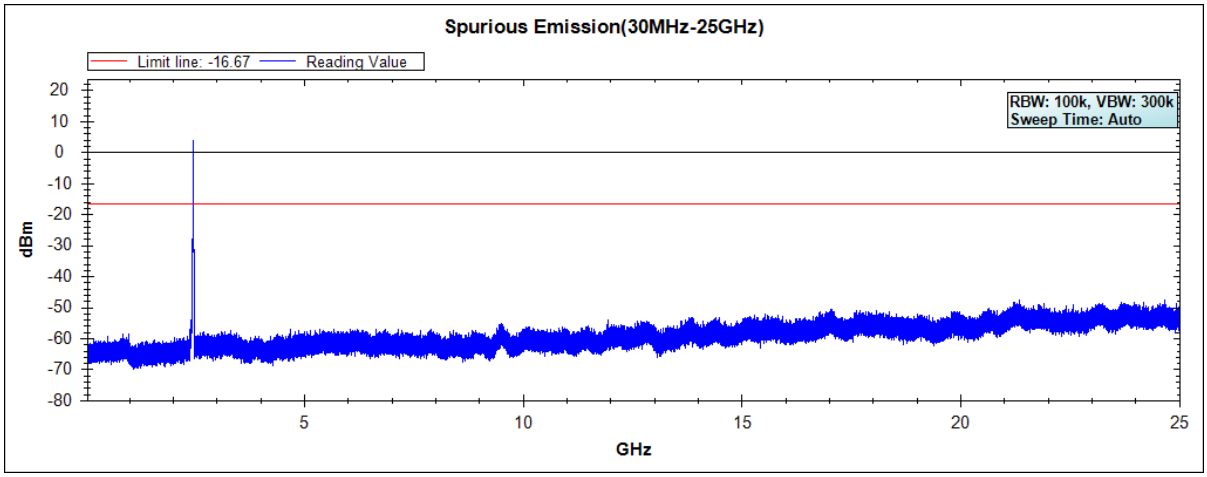
Channel 06 (2437MHz) 30MHz -25GHz



Channel 11 (2462MHz) 30MHz -25GHz



Channel 12 (2467MHz) 30MHz -25GHz

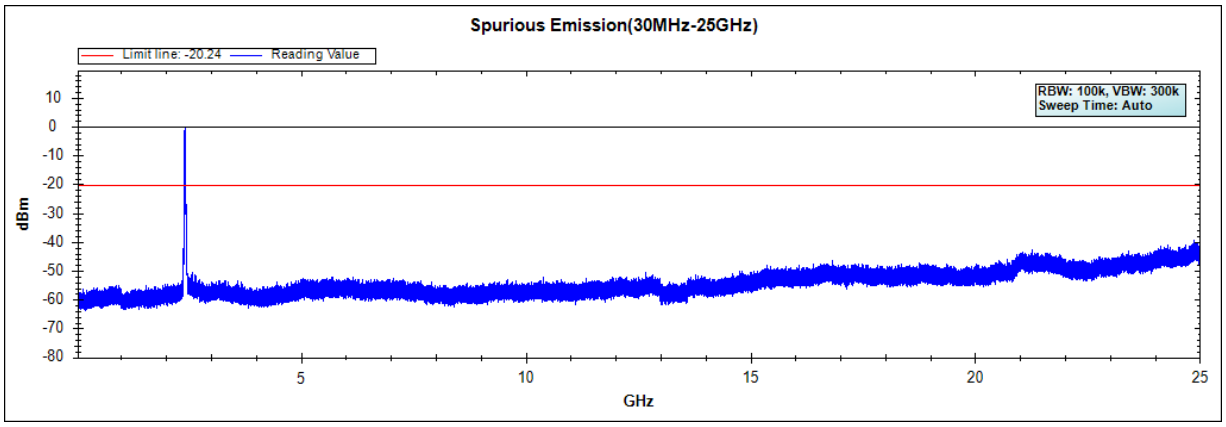


Note: The above test pattern is synthesized by multiple of the frequency range.

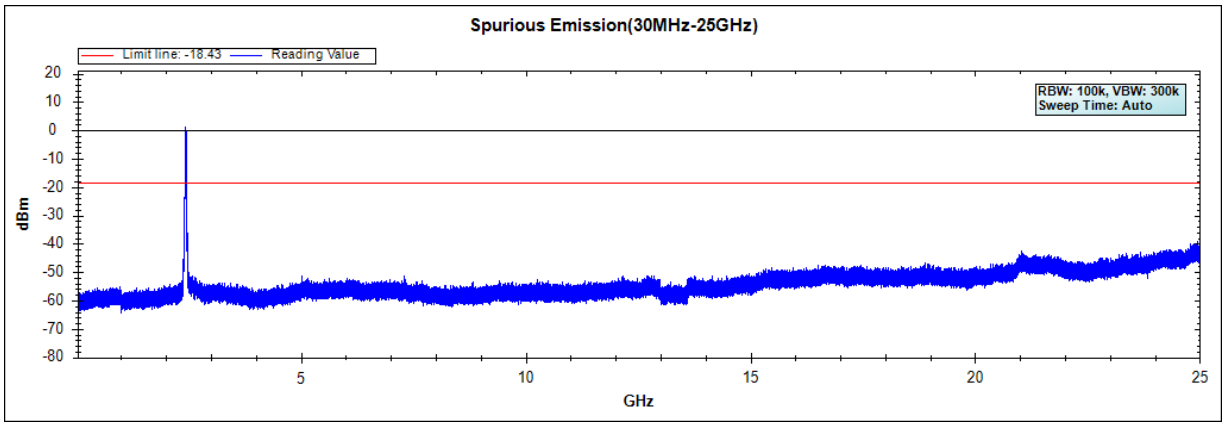
Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 4 Beamforming: Transmit - 802.11n-40BW_30Mbps(2.4G Band)

Chaia B

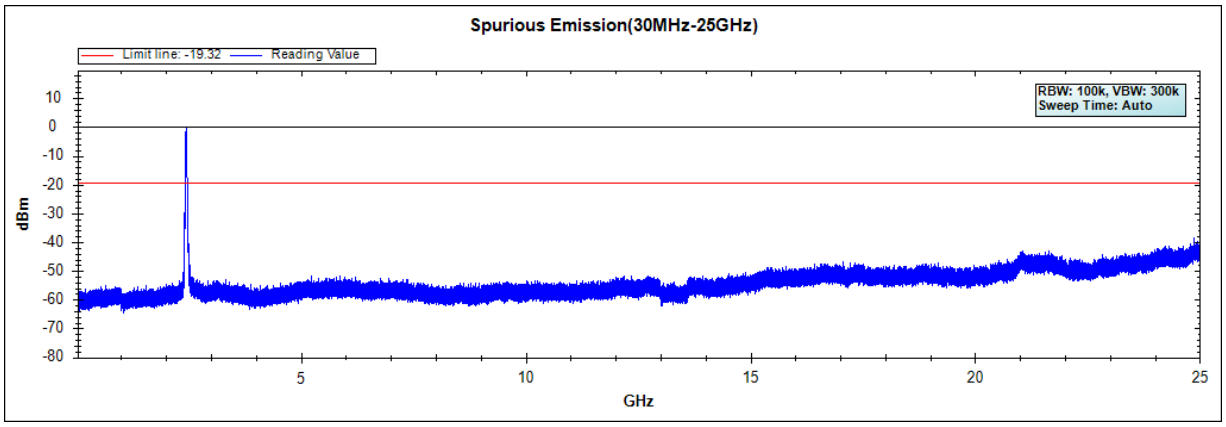
Channel 03 (2422MHz) 30MHz -25GHz



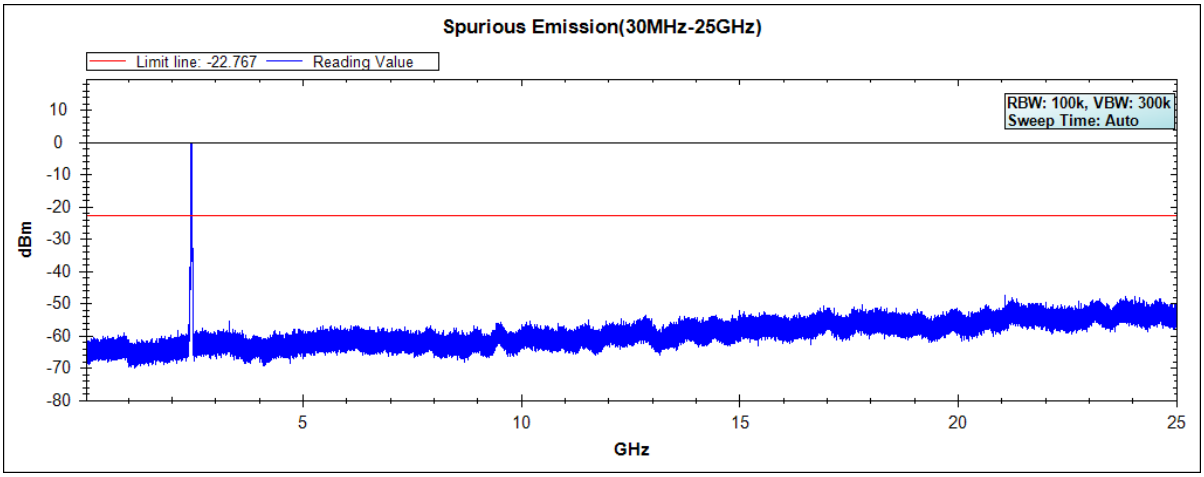
Channel 06 (2437MHz) 30MHz -25GHz



Channel 09 (2452MHz) 30MHz -25GHz



Channel 10 (2457MHz) 30MHz -25GHz

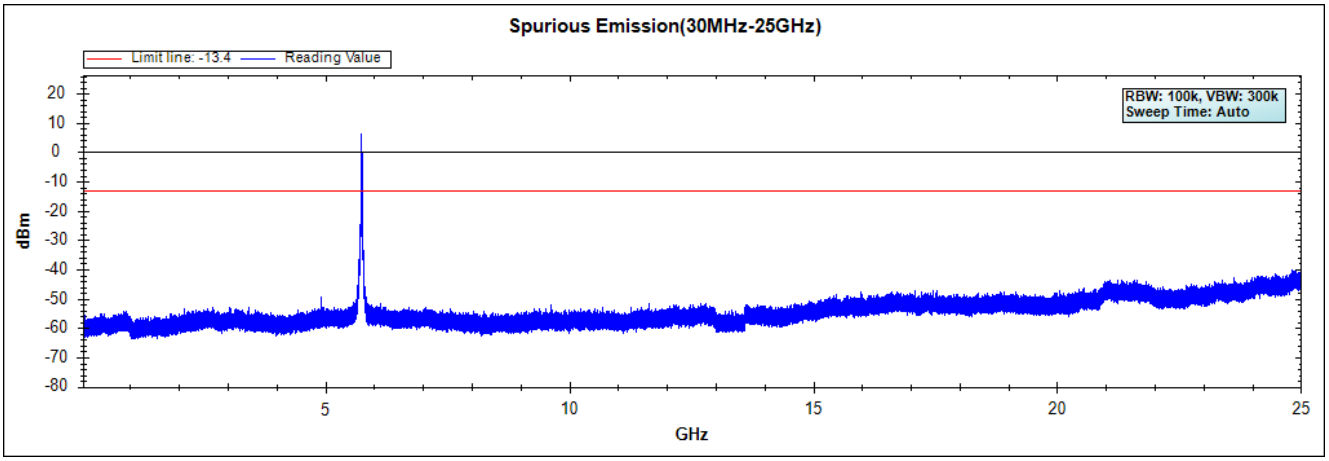


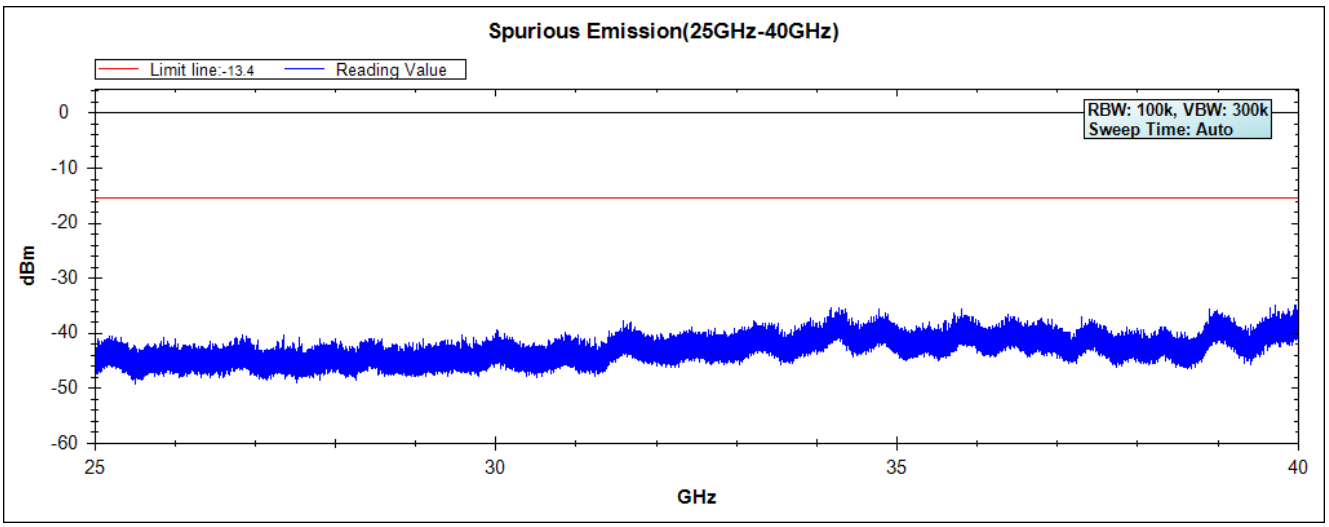
Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 4 Beamforming: Transmit - 802.11n-20BW_14.4Mbps(5G Band)

Chaia B

Channel 49 (5745MHz) 30MHz -40GHz

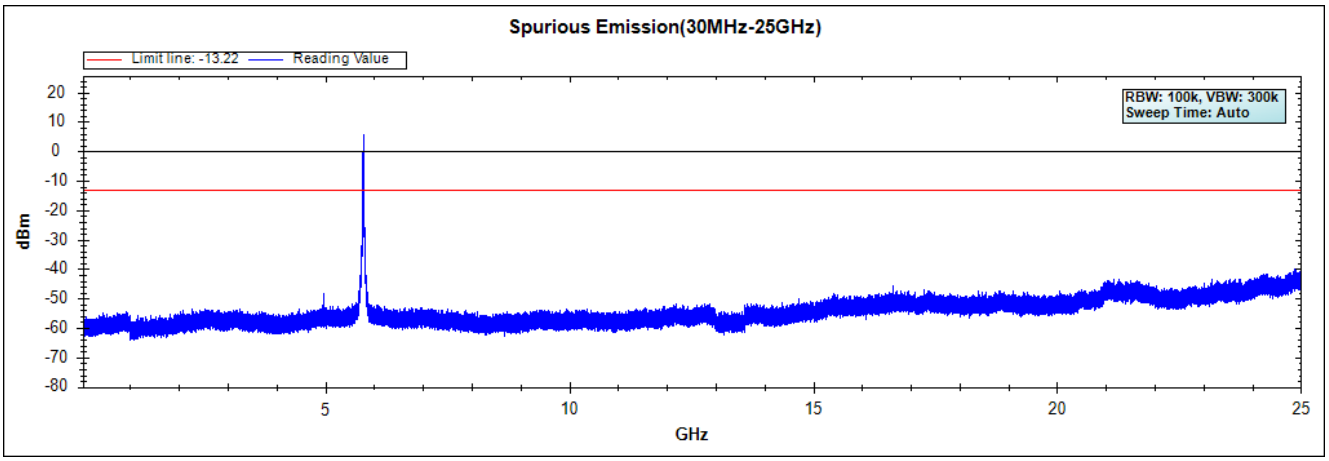


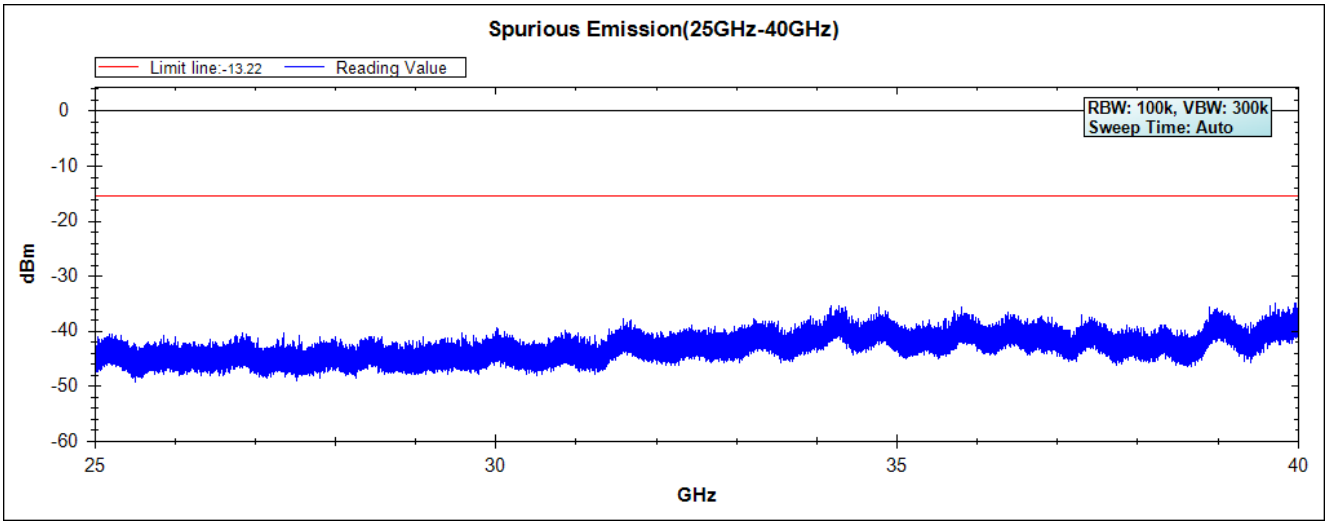


Note: The above test pattern is synthesized by multiple of the frequency range

.

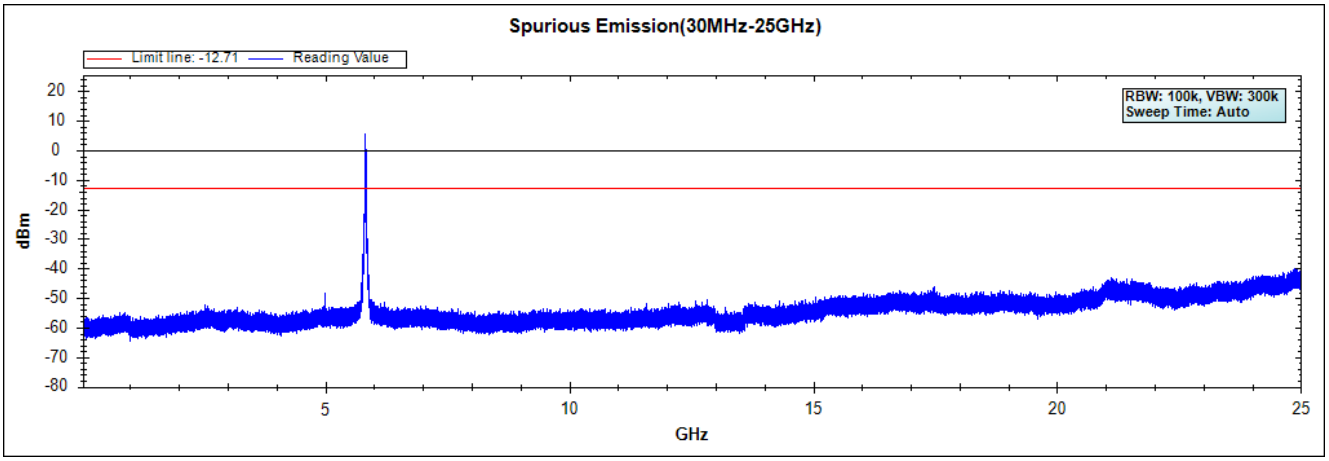
Channel 157 (5785MHz) 30MHz -40GHz

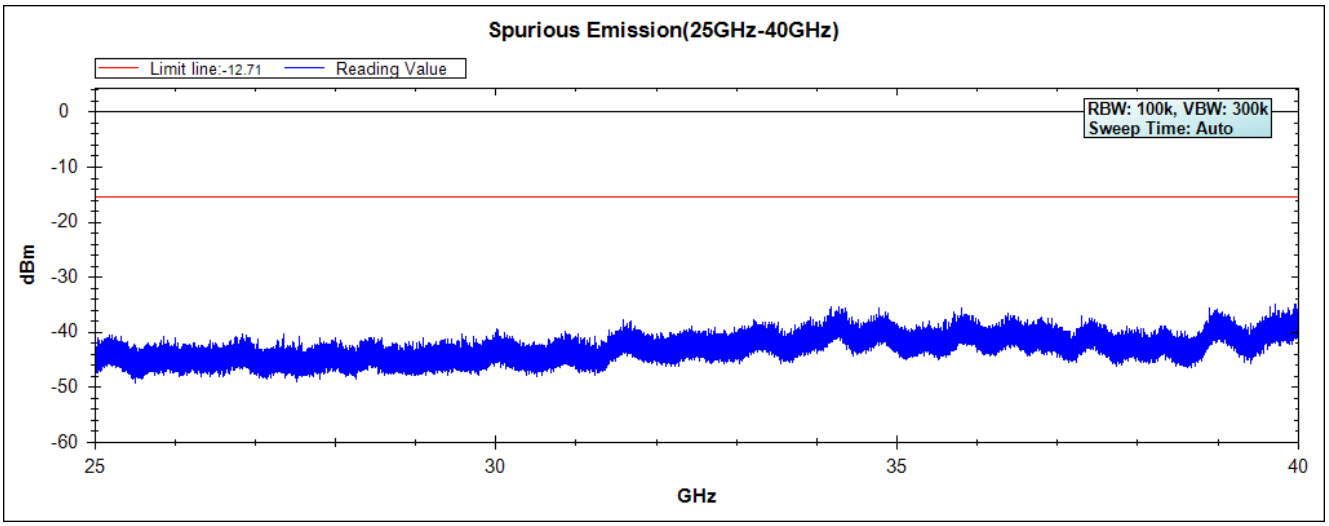




Note: The above test pattern is synthesized by multiple of the frequency range

Channel 165 (5825MHz) 30MHz -40GHz



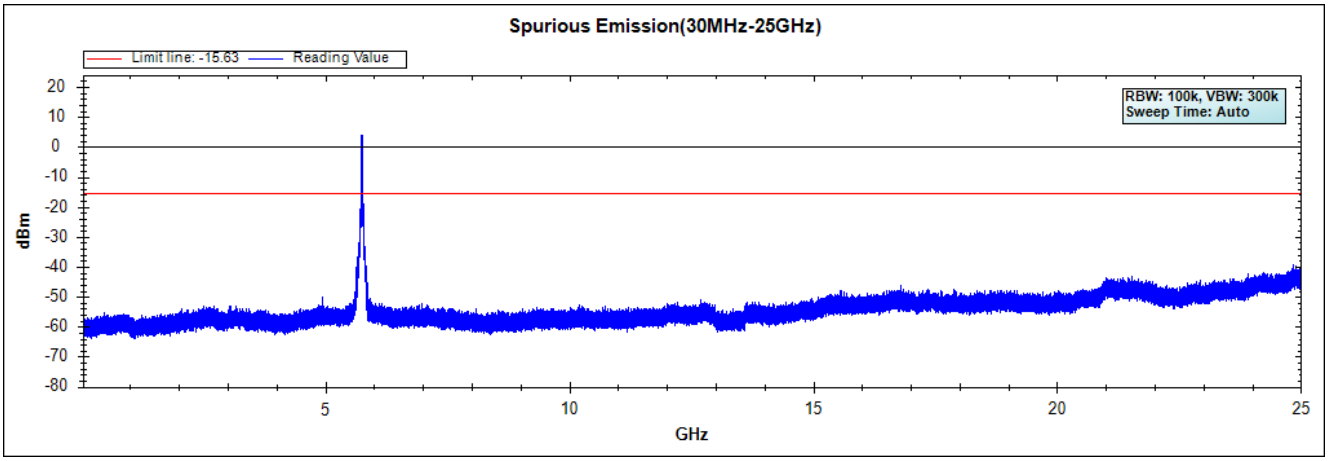


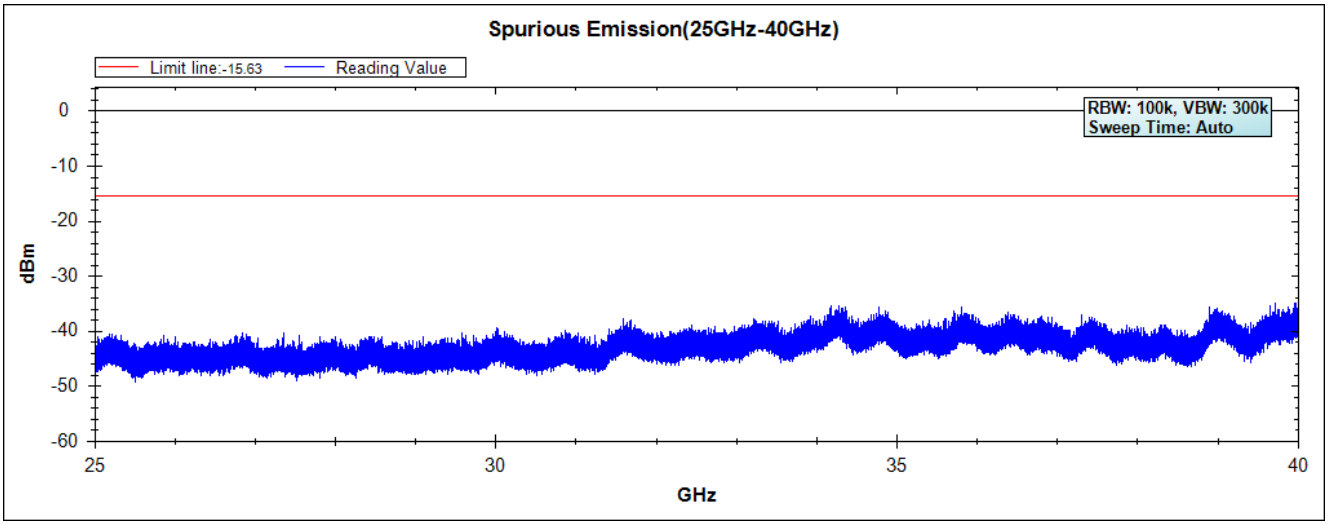
Note: The above test pattern is synthesized by multiple of the frequency range

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 4 Beamforming: Transmit - 802.11n-40BW_30Mbps(5G Band)

Chaia B

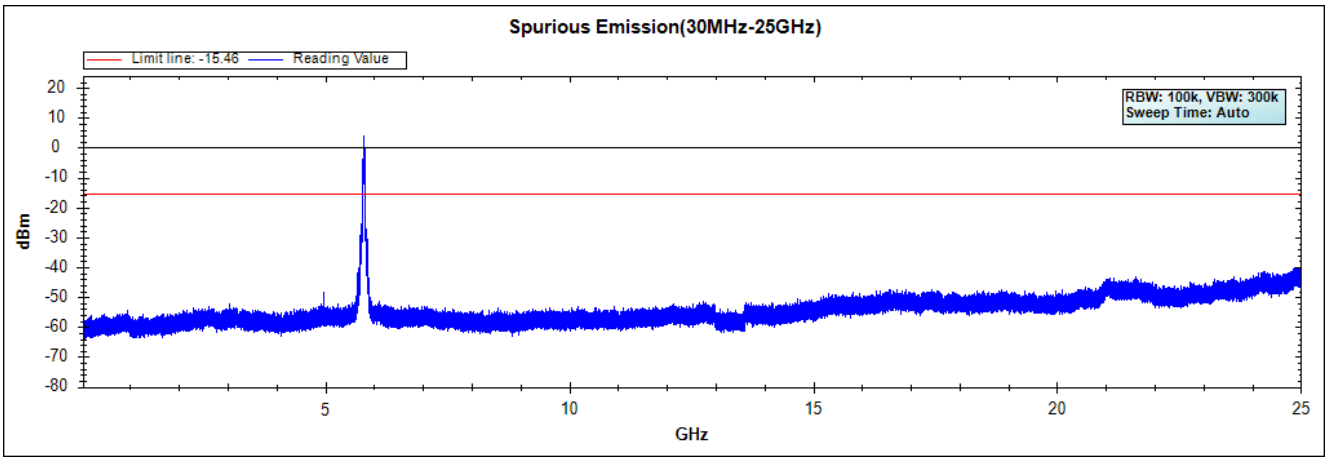
Channel 151 (5755MHz) 30MHz -40GHz

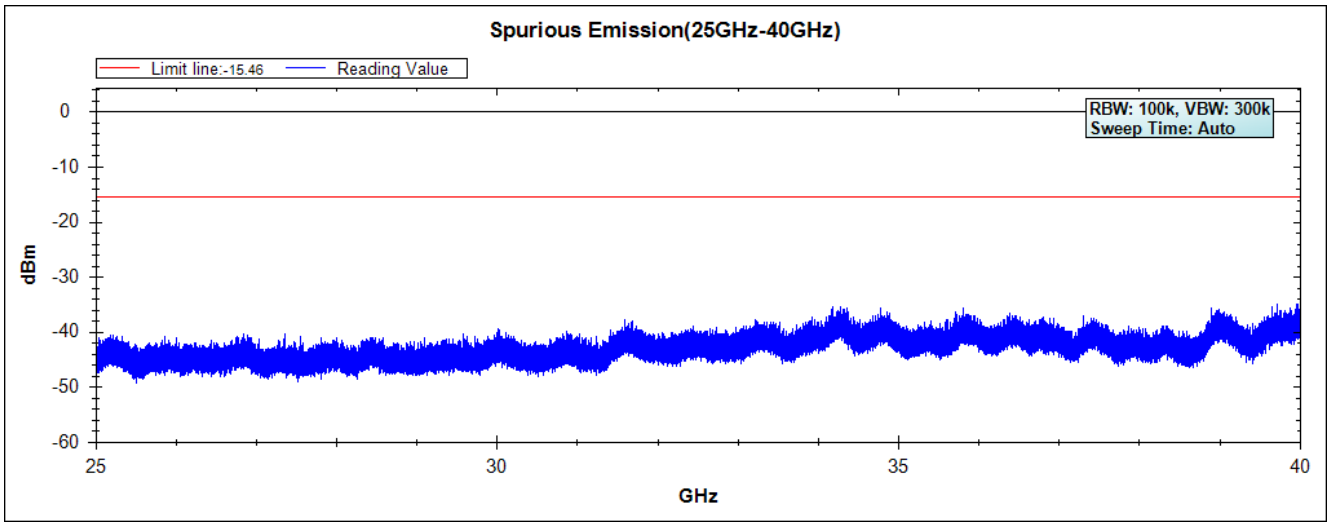




Note: The above test pattern is synthesized by multiple of the frequency range

Channel 159 (5795MHz) 30MHz -40GHz



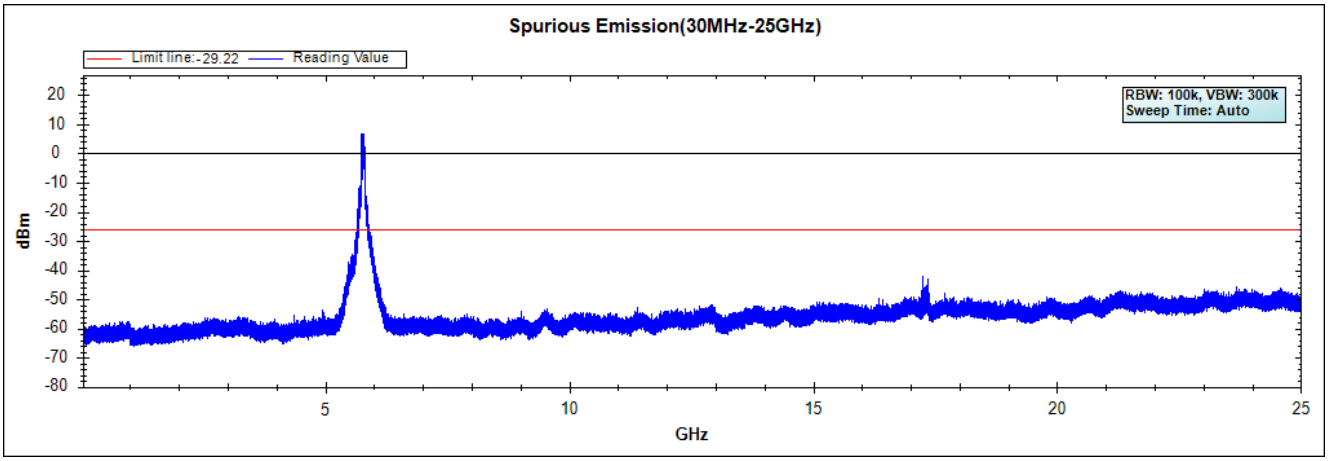


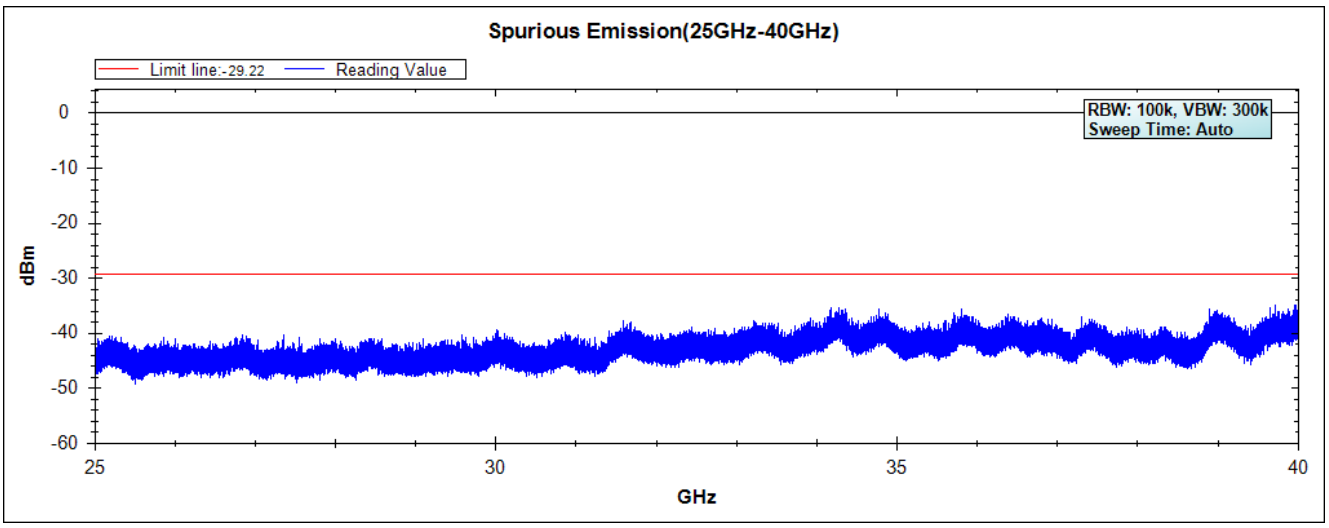
Note: The above test pattern is synthesized by multiple of the frequency range

Product	:	Intel® Dual Band Wireless-AC 8260
Test Item	:	RF Antenna Conducted Spurious
Test Site	:	No.3 OATS
Test Mode	:	Mode 4 Beamforming: Transmit - 802.11ac-80BW_65Mbps(5G Band)

Chaia B

Channel 155 (5775MHz) 30MHz -40GHz





Note: The above test pattern is synthesized by multiple of the frequency range

6. Band Edge

6.1. Test Equipment

RF Conducted Measurement

The following test equipments are used during the band edge tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2014
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2014
X	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2015
	8-WAY Power Divider	JFW	50PD-647 / 526770 0916	Apr., 2015

Note:

1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
2. The test instruments marked with "X" are used to measure the final test results.

RF Radiated Measurement:

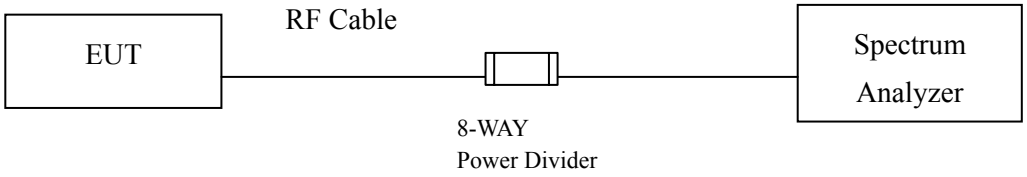
The following test equipments are used during the band edge tests:

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
☒CB # 8	X	Spectrum Analyzer	R&S	FSP40/ 100339	Oct, 2014
	X	Horn Antenna	ETS-Lindgren	3117/ 35205	Mar., 2015
	X	Horn Antenna	Schwarzbeck	BBHA9170/209	Jan, 2015
	X	Horn Antenna	TRC	AH-0801/95051	Aug, 2014
	X	Pre-Amplifier	EMCI	EMC012630SE/980210	Jan, 2015
	X	Pre-Amplifier	MITEQ	JS41-001040000-58-5P/153945	Jul, 2014
	X	Pre-Amplifier	NARDA	DBL-1840N506/013	Jul, 2014

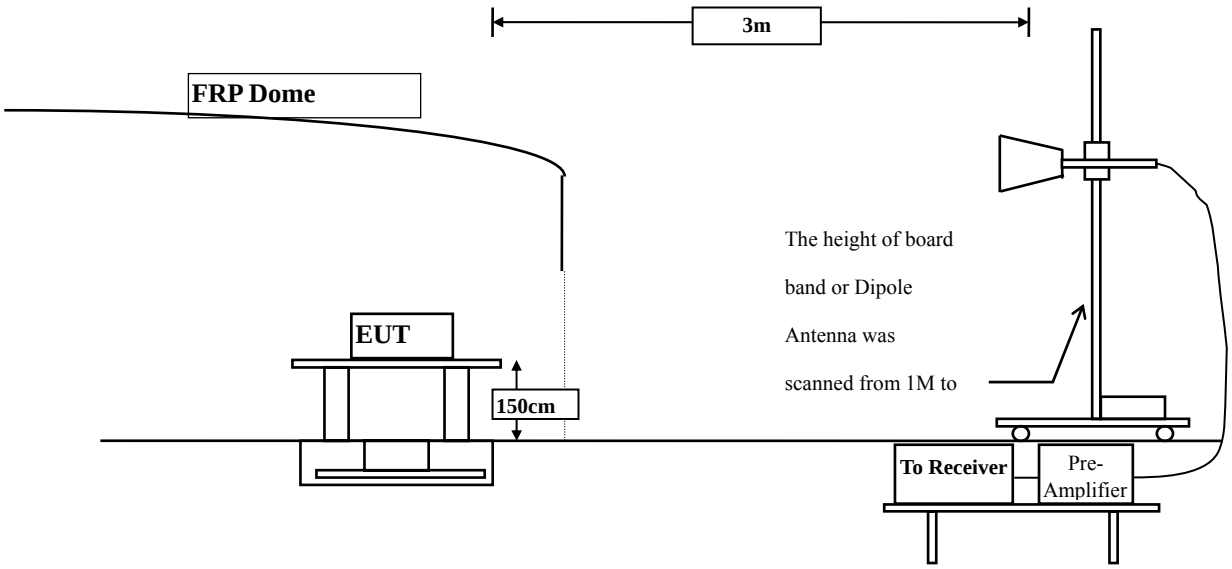
Note: 1. All instruments are calibrated every one year.
2. The test instruments marked by "X" are used to measure the final test results.

6.2. Test Setup

RF Conducted Measurement



RF Radiated Measurement:



6.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

6.4. Test Procedure

The EUT was setup according to ANSI C63.10, 2009 and tested according to DTS test procedure of KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 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 is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2009 on radiated measurement.

6.5. Uncertainty

± 3.9 dB above 1GHz
± 3.8 dB below 1GHz

6.6. Test Result of Band Edge

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	33.739	33.742	67.481	74.00	54.00	Pass
01 (Peak)	2400.000	33.752	46.901	80.652	--	--	Pass
01 (Peak)	2413.800	33.776	76.752	110.528	--	--	Pass
01 (Average)	2387.400	33.737	19.243	52.980	74.00	54.00	Pass
01 (Average)	2390.000	33.739	19.561	53.300	74.00	54.00	Pass
01 (Average)	2400.000	33.752	39.001	72.752	--	--	Pass
01 (Average)	2411.400	33.771	72.969	106.739	--	--	Pass

Figure Channel 01: Horizontal (Peak)

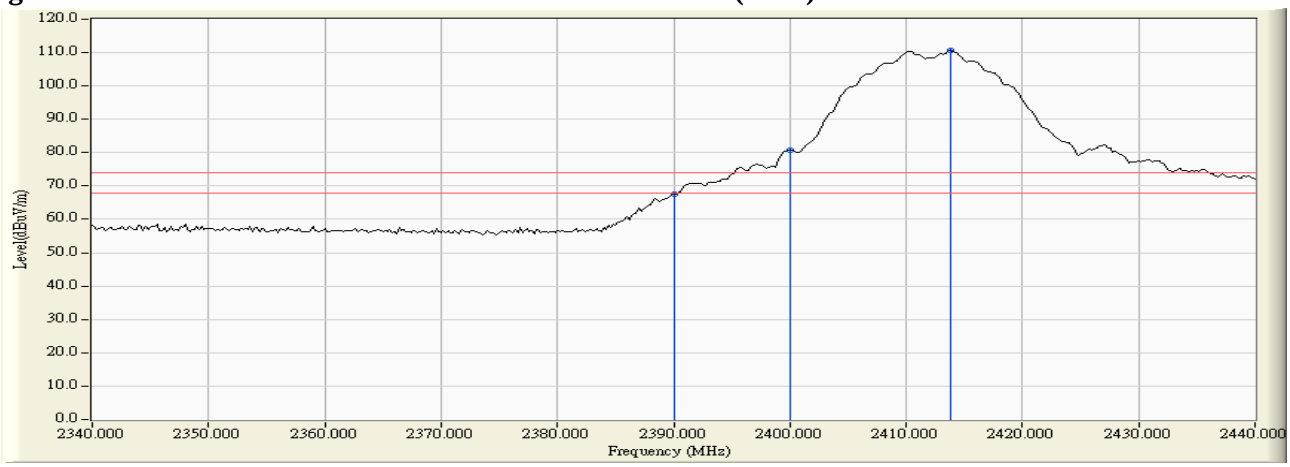
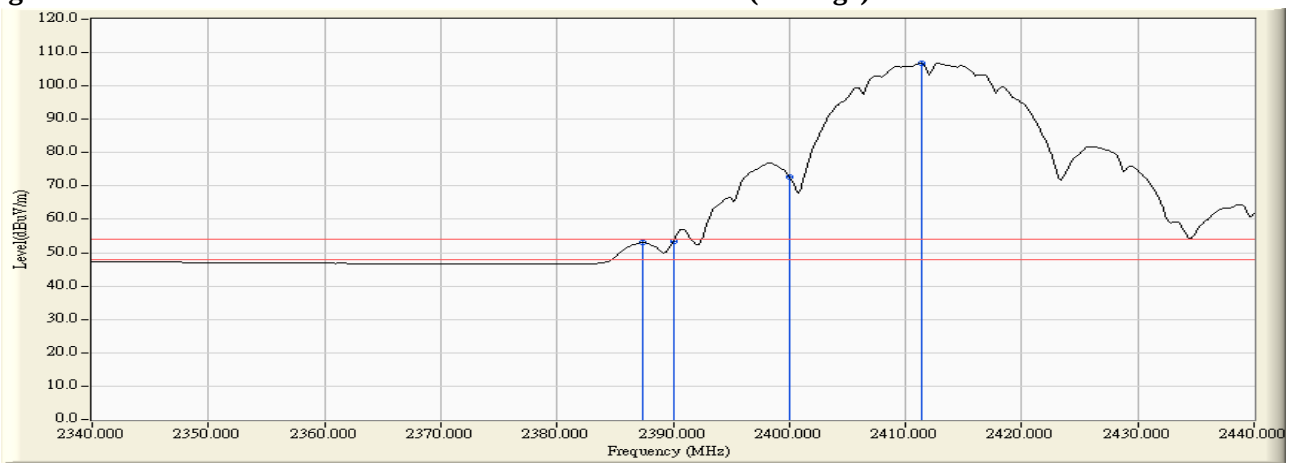


Figure Channel 01: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	32.267	32.284	64.551	74.00	54.00	Pass
01 (Peak)	2400.000	32.241	46.042	78.283	--	--	Pass
01 (Peak)	2413.800	32.257	75.785	108.042	--	--	Pass
01 (Average)	2390.000	32.267	18.854	51.121	74.00	54.00	Pass
01 (Average)	2400.000	32.241	37.470	69.711	74.00	54.00	Pass
01 (Average)	2411.400	32.247	70.684	102.930	--	--	Pass

Figure Channel 01: Vertical (Peak)

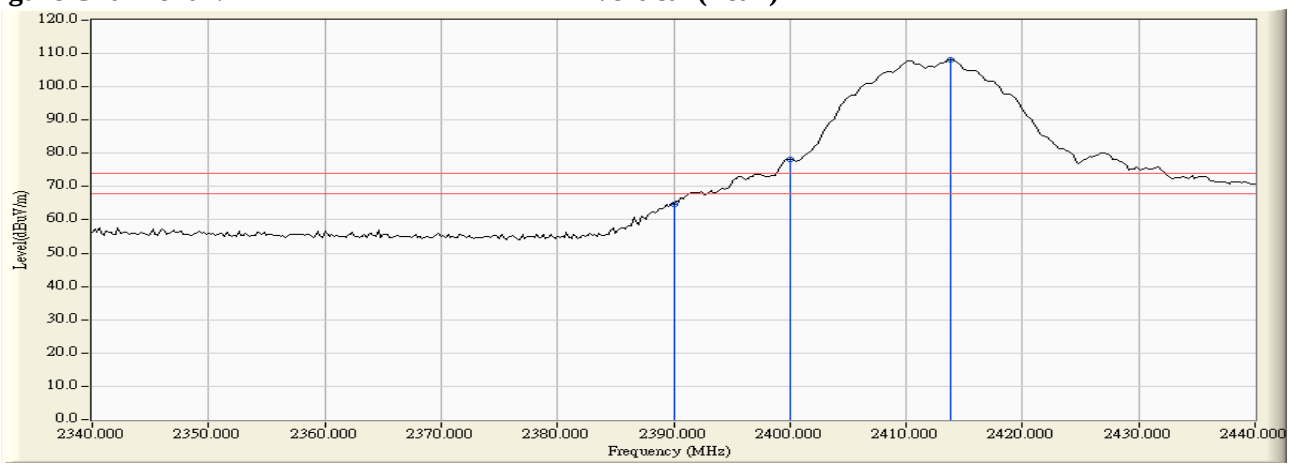
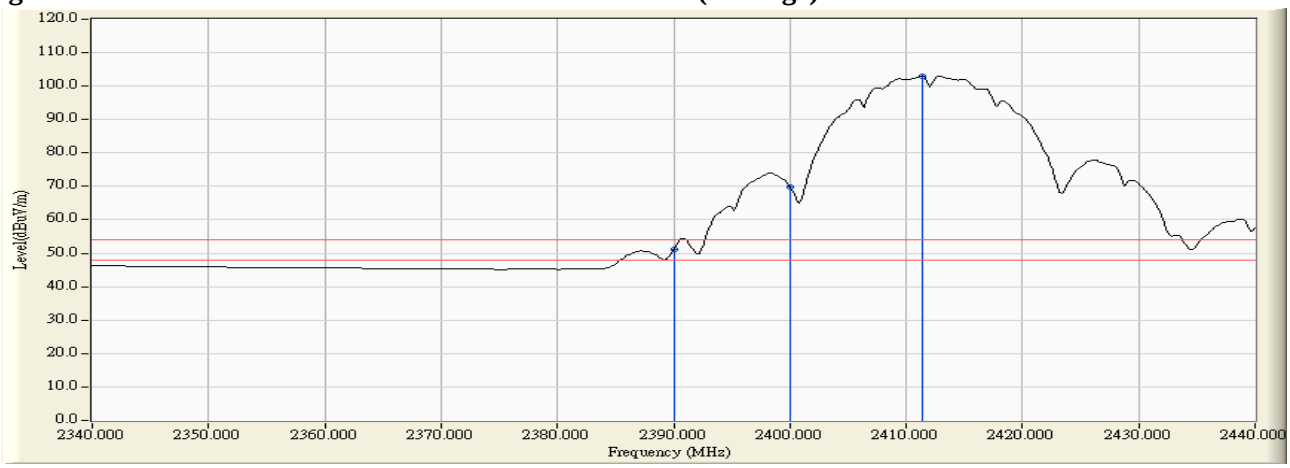


Figure Channel 01: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2463.700	33.897	77.574	111.471	--	--	Pass
11 (Peak)	2483.500	33.951	38.680	72.630	74.00	54.00	Pass
11 (Average)	2462.700	33.895	72.181	106.075	--	--	Pass
11 (Average)	2483.500	33.951	18.472	52.422	74.00	54.00	Pass

Figure Channel 11: Horizontal (Peak)

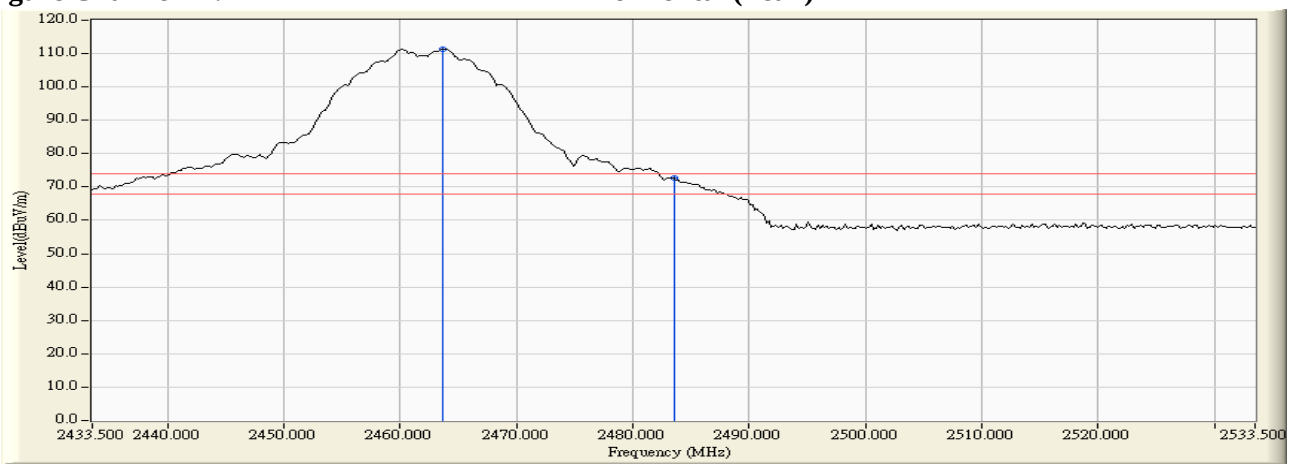
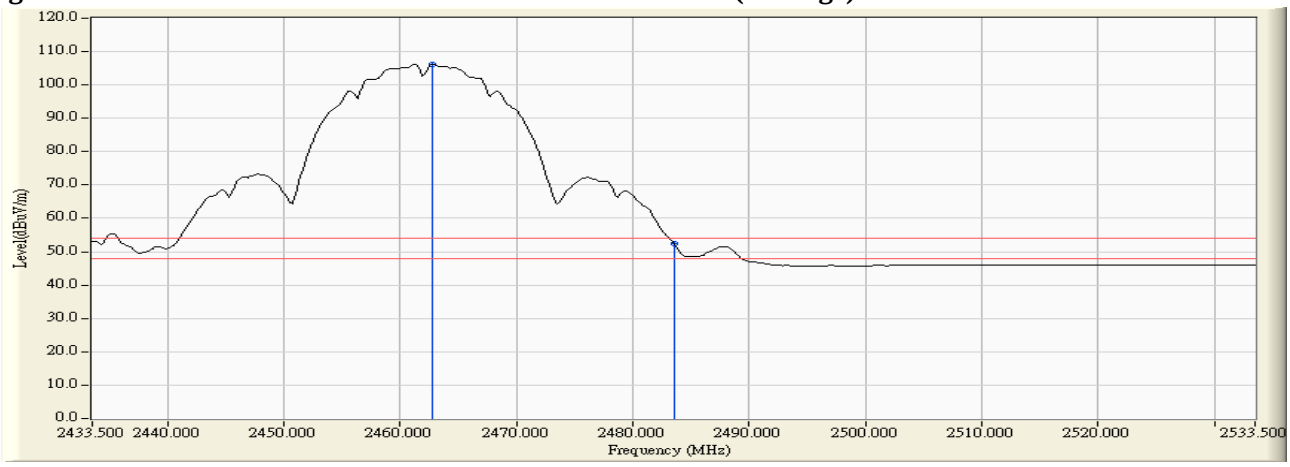


Figure Channel 1: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2463.700	32.489	77.548	110.037	--	--	Pass
11 (Peak)	2483.500	32.586	39.166	71.751	74.00	54.00	Pass
11 (Average)	2462.700	32.484	72.081	104.565	--	--	Pass
11 (Average)	2483.500	32.586	19.390	51.975	74.00	54.00	Pass

Figure Channel 11: Vertical (Peak)

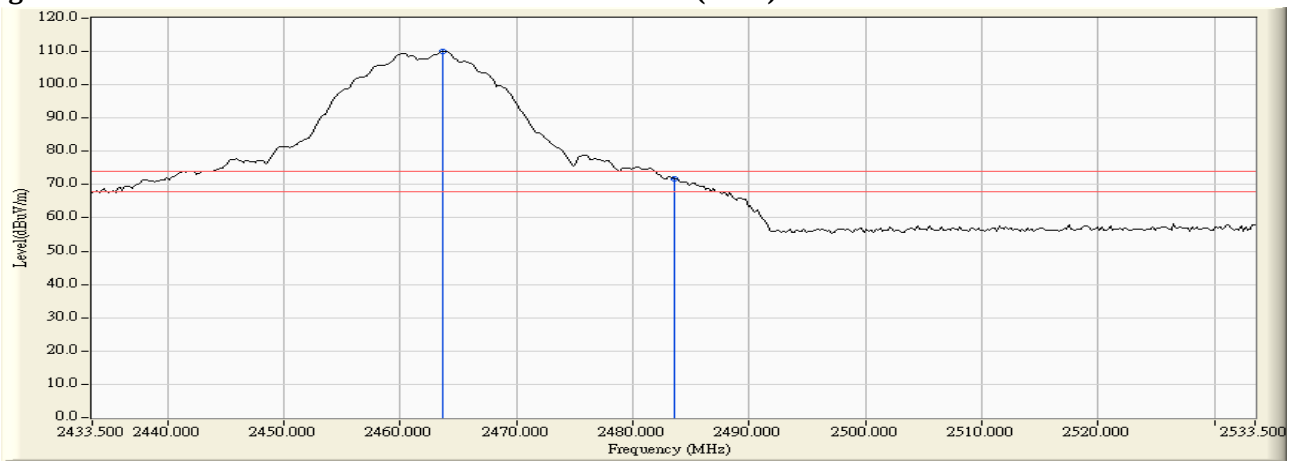
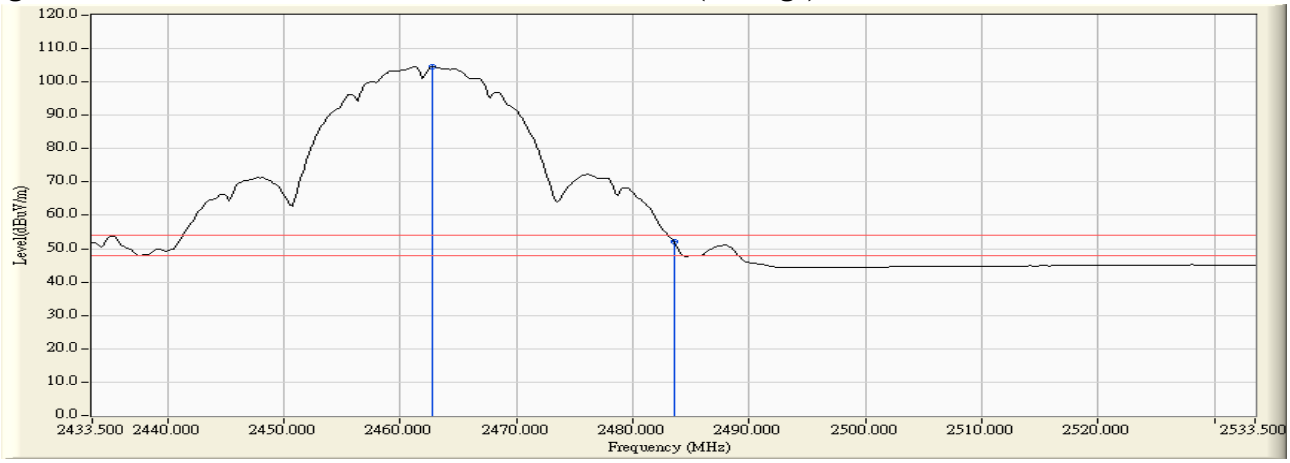


Figure Channel 11: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
12 (Peak)	2465.300	33.901	74.138	108.039	--	--	Pass
12 (Peak)	2483.500	33.951	38.905	72.855	74.00	54.00	Pass
12 (Average)	2466.300	33.904	68.506	102.410	--	--	Pass
12 (Average)	2483.500	33.951	17.517	51.467	74.00	54.00	Pass

Figure Channel 12: Horizontal (Peak)

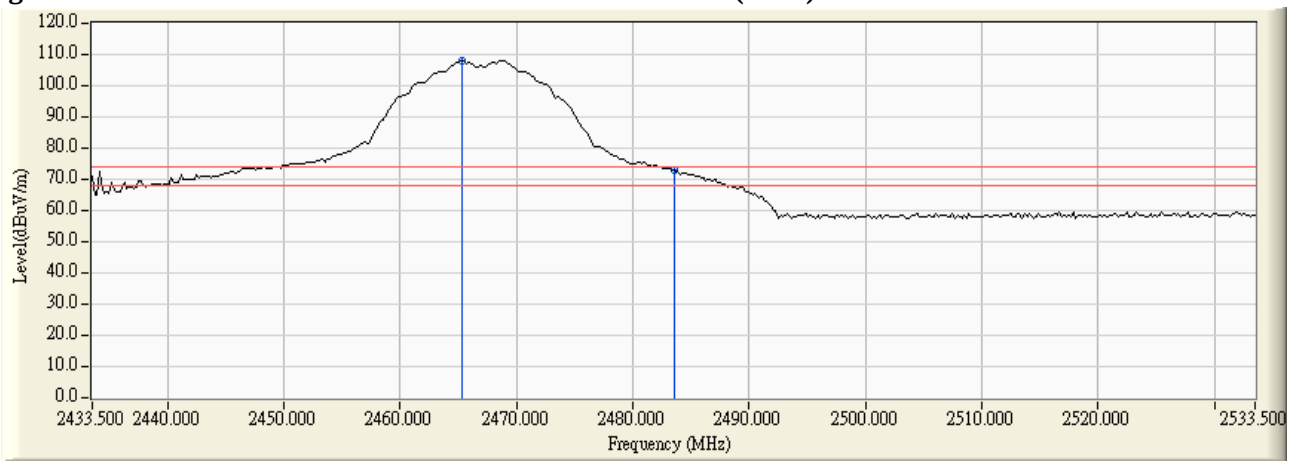
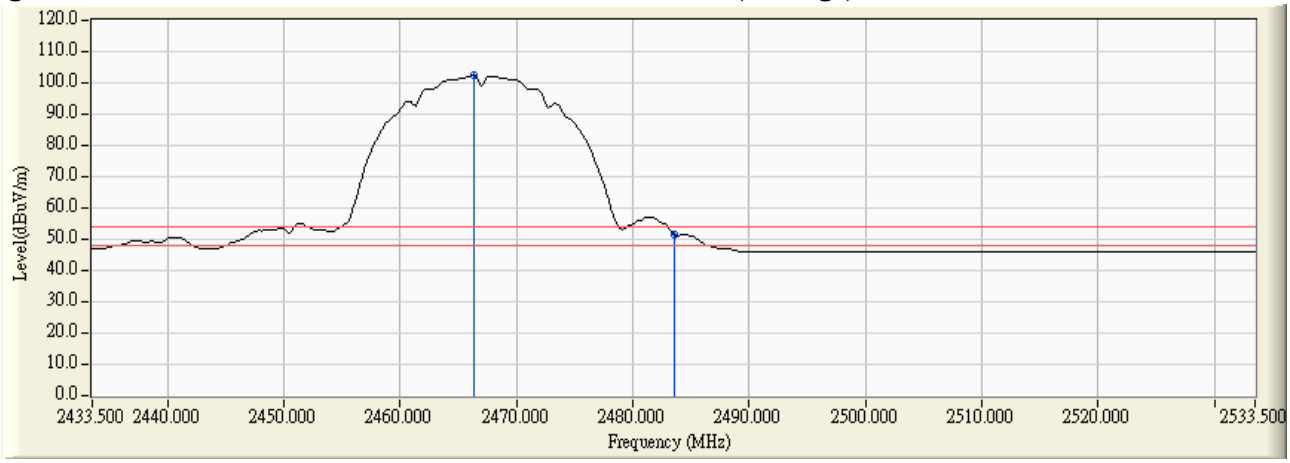


Figure Channel 2: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11b 1Mbps)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
12 (Peak)	2468.700	32.513	71.574	104.087	--	--	Pass
12 (Peak)	2483.500	32.586	35.589	68.174	74.00	54.00	Pass
12 (Average)	2466.300	32.501	66.443	98.944	--	--	Pass
12 (Average)	2483.500	32.586	15.746	48.331	74.00	54.00	Pass

Figure Channel 12: Vertical (Peak)

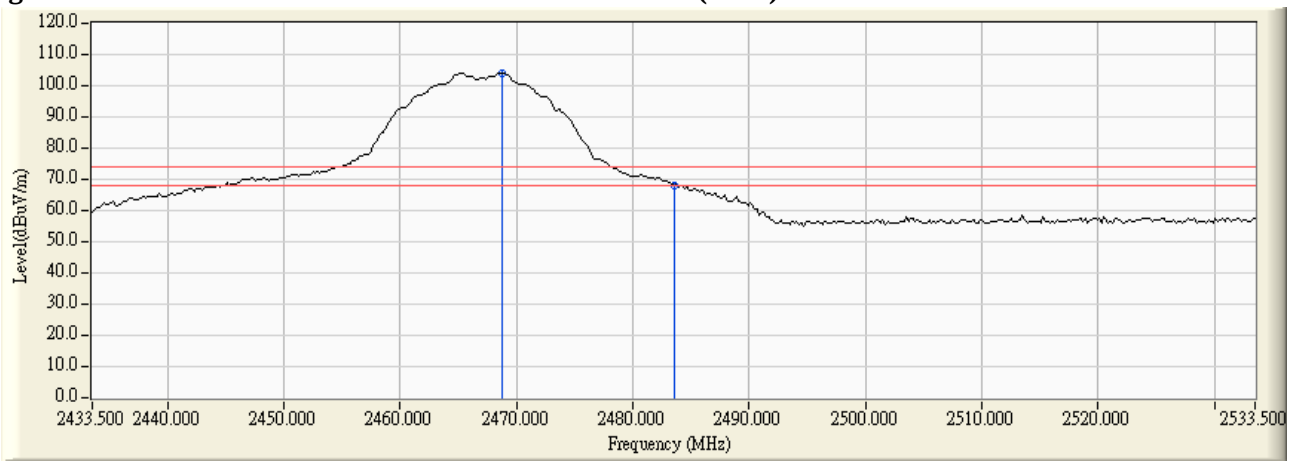
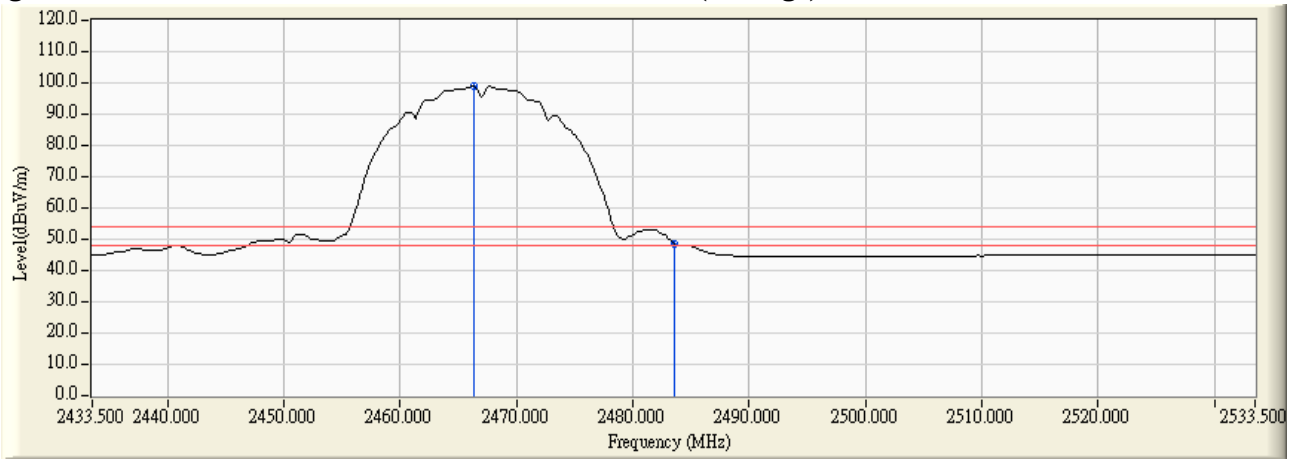


Figure Channel 12: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	33.739	39.656	73.395	74.00	54.00	Pass
01 (Peak)	2400.000	33.752	56.160	89.911	--	--	Pass
01 (Peak)	2414.600	33.778	77.914	111.692	--	--	Pass
01 (Average)	2390.000	33.739	19.456	53.195	74.00	54.00	Pass
01 (Average)	2400.000	33.752	40.220	73.971	--	--	Pass
01 (Average)	2414.800	33.778	66.907	100.686	--	--	Pass

Figure Channel 01: Horizontal (Peak)

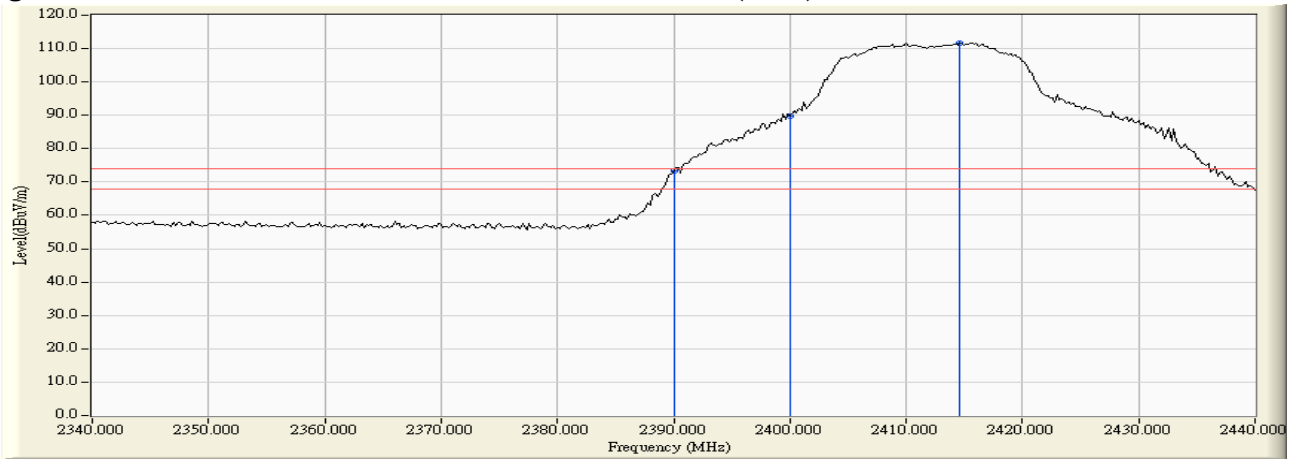
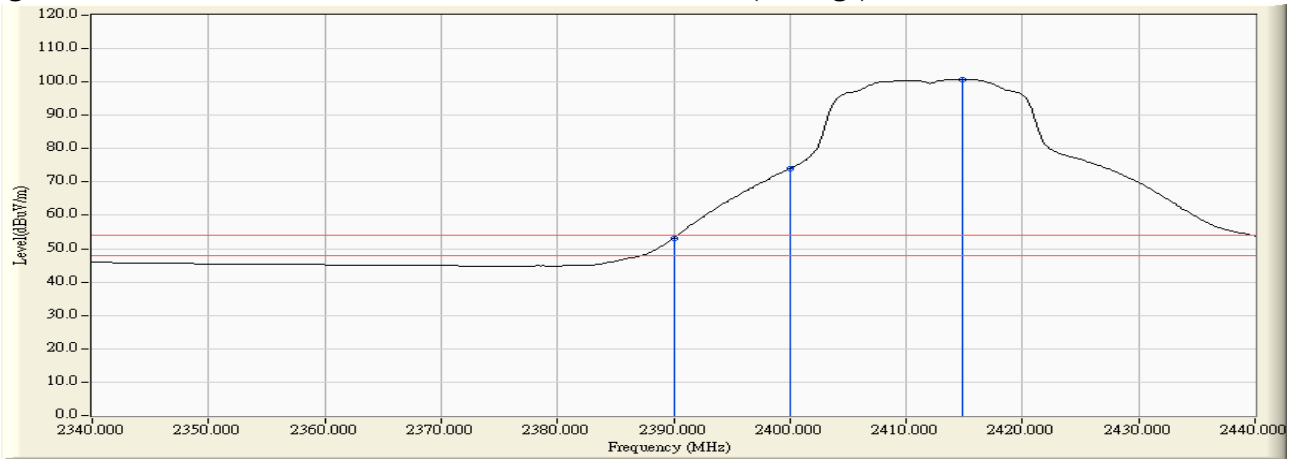


Figure Channel 01: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	32.267	36.118	68.385	74.00	54.00	Pass
01 (Peak)	2400.000	32.241	53.943	86.184	--	--	Pass
01 (Peak)	2410.200	32.244	76.121	108.365	--	--	Pass
01 (Average)	2390.000	32.267	18.072	50.339	74.00	54.00	Pass
01 (Average)	2400.000	32.241	38.585	70.826	--	--	Pass
01 (Average)	2414.400	32.260	65.274	97.534	--	--	Pass

Figure Channel 01: Vertical (Peak)

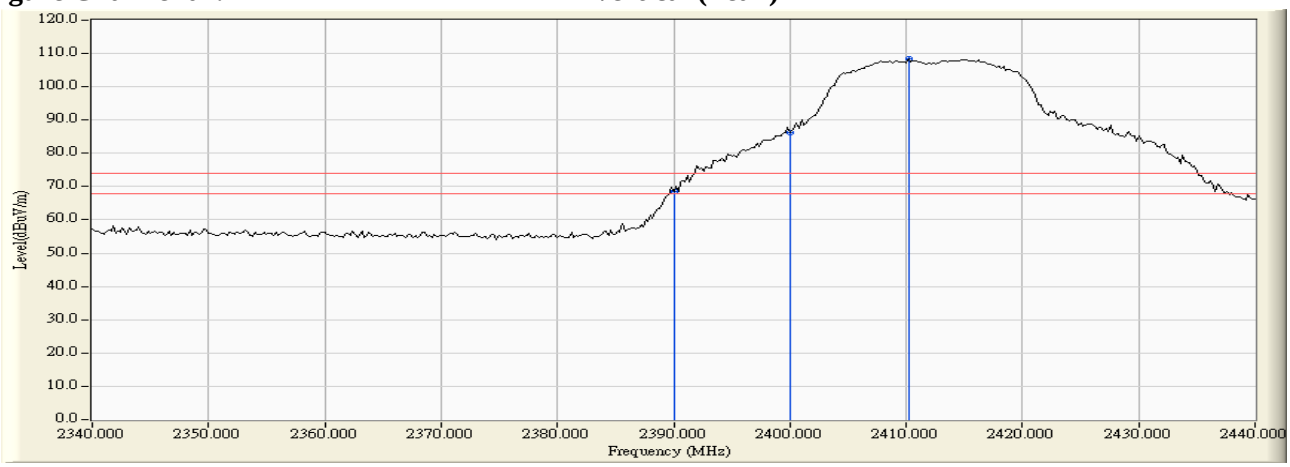
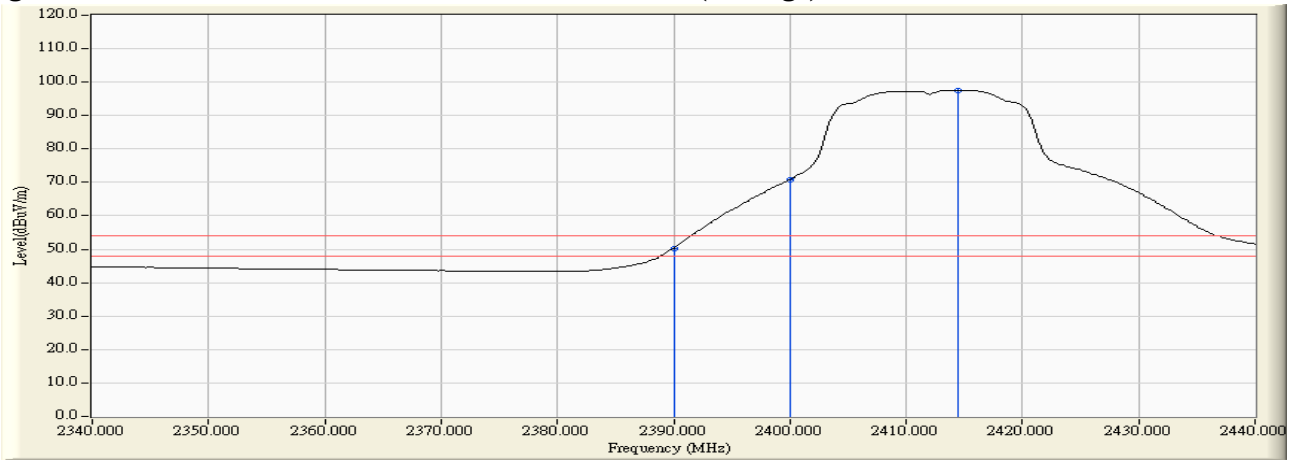


Figure Channel 01: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
10 (Peak)	2460.700	33.890	78.909	112.798	--	--	Pass
10 (Peak)	2483.500	33.951	35.248	69.198	74.00	54.00	Pass
10 (Peak)	2485.300	33.954	36.141	70.096	74.00	54.00	Pass
10 (Average)	2460.500	33.889	67.956	101.845	--	--	Pass
10 (Average)	2483.500	33.951	19.164	53.114	74.00	54.00	Pass

Figure Channel 10: Horizontal (Peak)

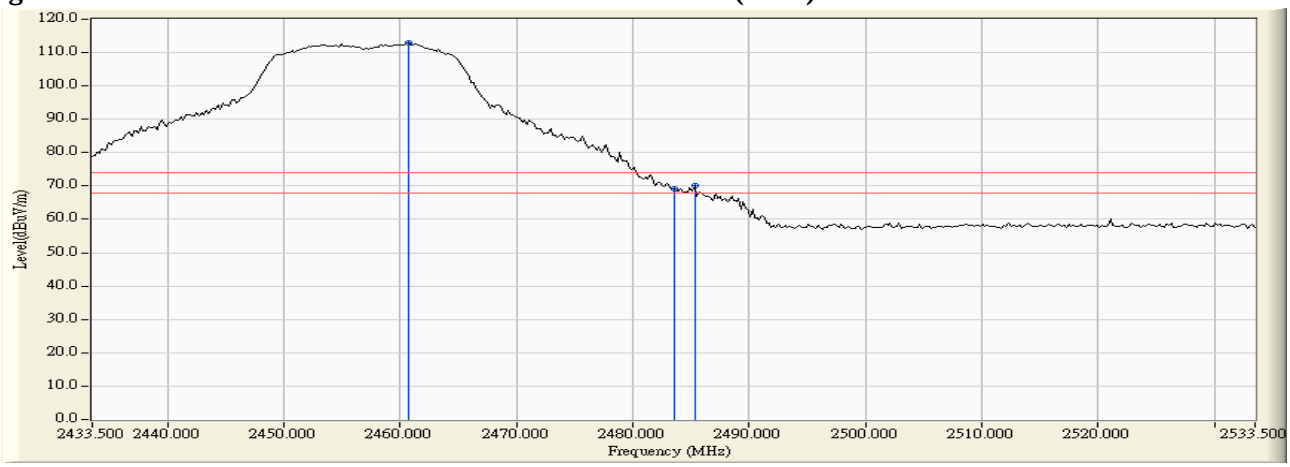
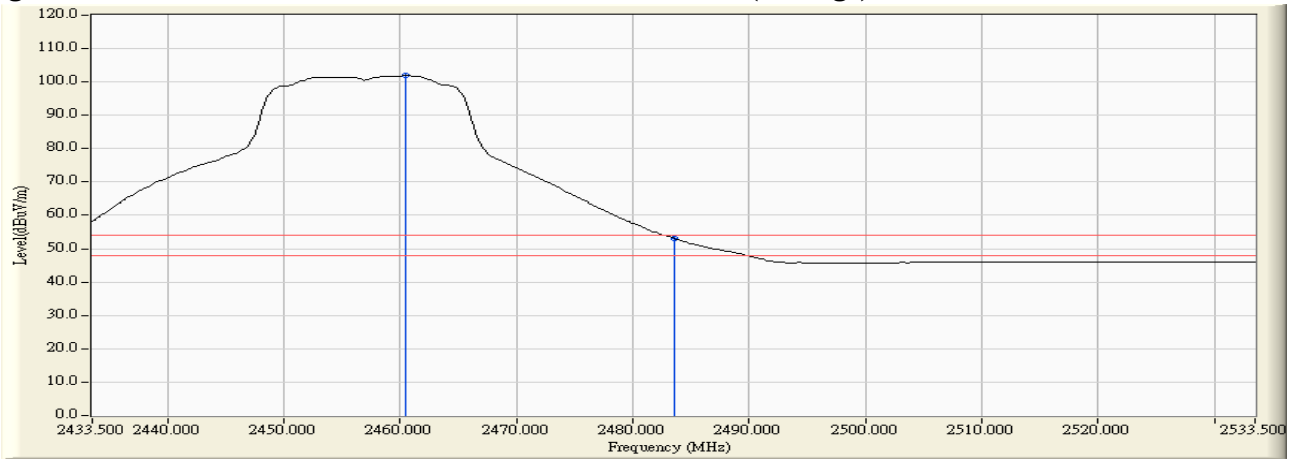


Figure Channel 10: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
10 (Peak)	2460.700	32.475	78.424	110.898	--	--	Pass
10 (Peak)	2483.500	32.586	35.035	67.620	74.00	54.00	Pass
10 (Average)	2460.700	32.475	67.427	99.901	--	--	Pass
10 (Average)	2483.500	32.586	19.481	52.066	74.00	54.00	Pass

Figure Channel 10: Vertical (Peak)

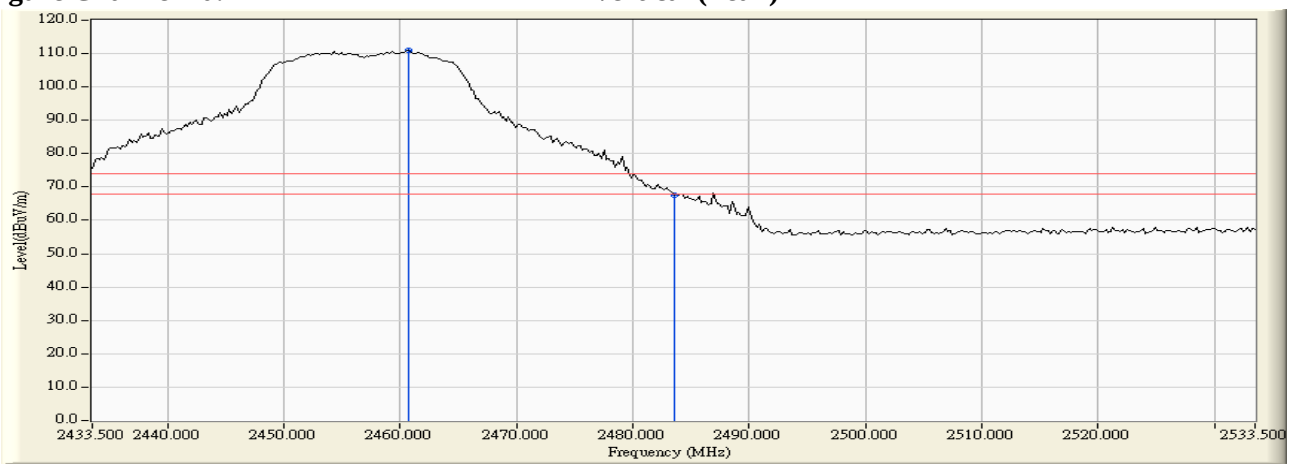
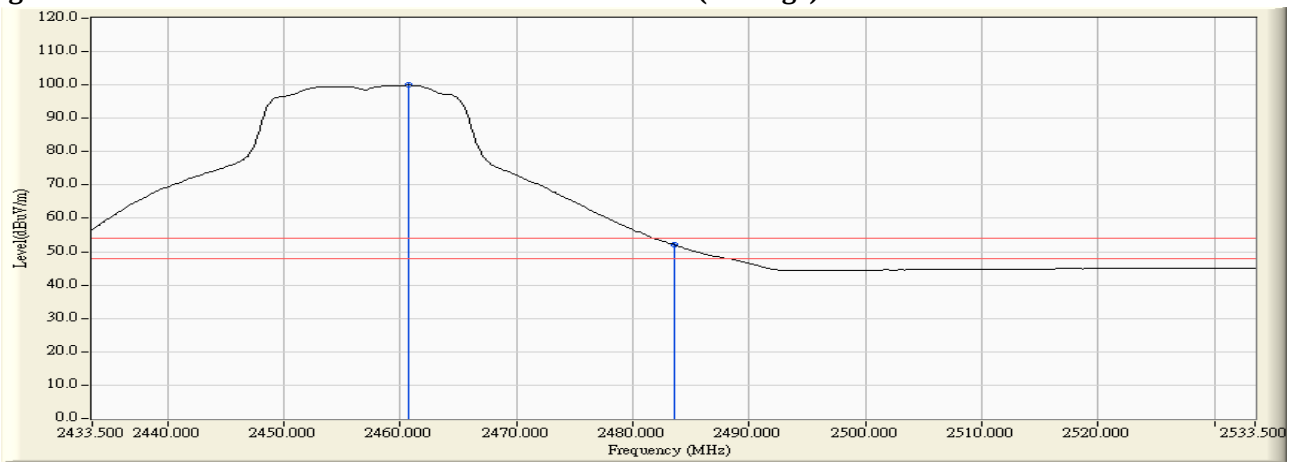


Figure Channel 10: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2464.300	33.899	77.761	111.660	--	--	Pass
11 (Peak)	2483.500	33.951	36.895	70.845	74.00	54.00	Pass
11 (Average)	2463.700	33.897	66.551	100.448	--	--	Pass
11 (Average)	2483.500	33.951	19.385	53.335	74.00	54.00	Pass

Figure Channel 11: Horizontal (Peak)

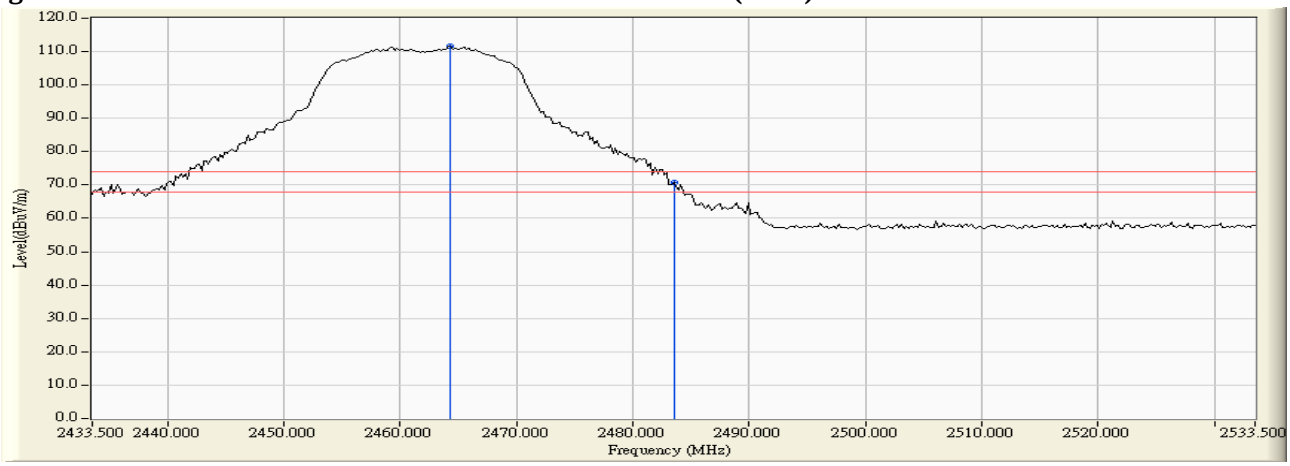
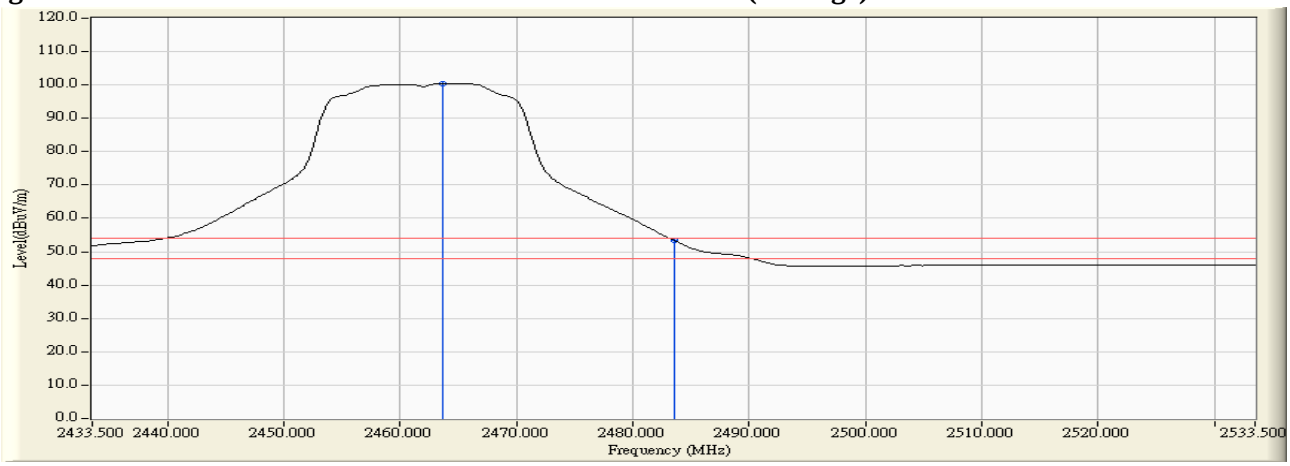


Figure Channel 11: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2465.500	32.497	77.402	109.899	--	--	Pass
11 (Peak)	2483.500	32.586	36.032	68.617	74.00	54.00	Pass
11 (Average)	2465.300	32.496	66.274	98.770	--	--	Pass
11 (Average)	2483.500	32.586	19.724	52.309	74.00	54.00	Pass

Figure Channel 11: Vertical (Peak)

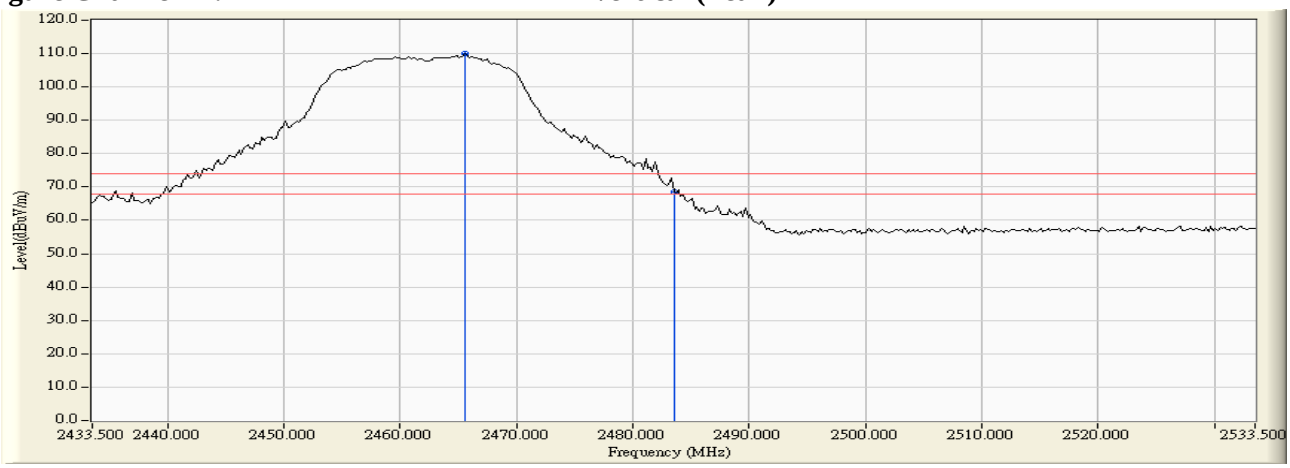
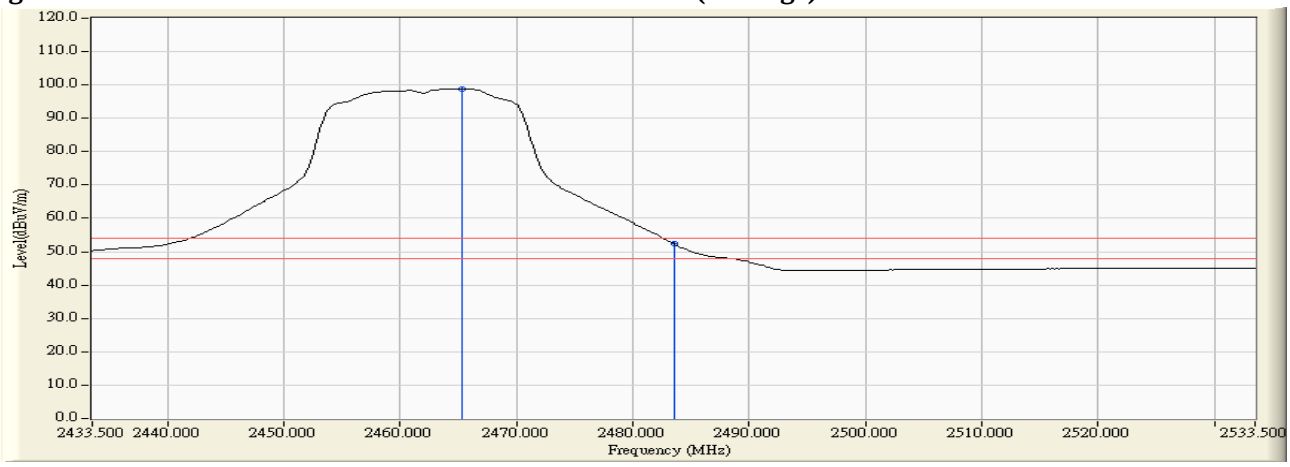


Figure Channel 11: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
12 (Peak)	2469.300	33.911	72.580	106.492	--	--	Pass
12 (Peak)	2483.500	33.951	37.378	71.328	74.00	54.00	Pass
12 (Average)	2468.900	33.911	62.041	95.952	--	--	Pass
12 (Average)	2483.500	33.951	19.301	53.251	74.00	54.00	Pass

Figure Channel 12: Horizontal (Peak)

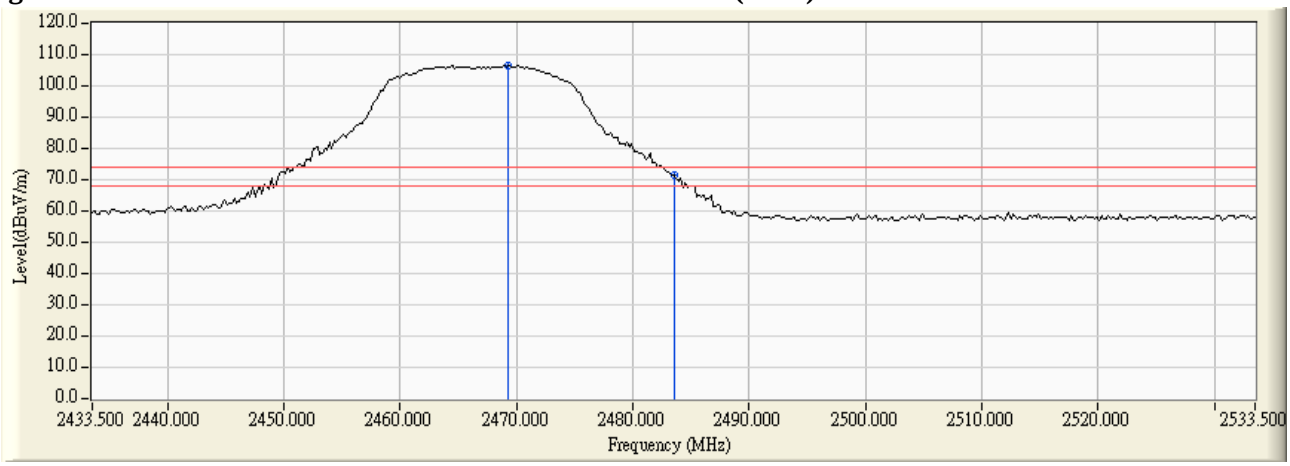
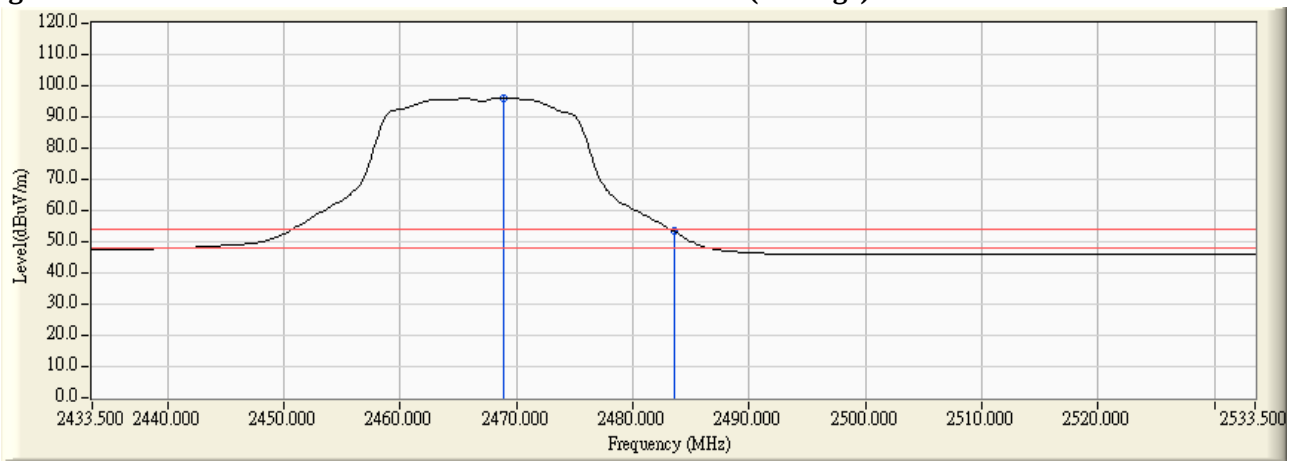


Figure Channel 12: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit (802.11g 6Mbps)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
12 (Peak)	2470.100	32.520	70.407	102.927	--	--	Pass
12 (Peak)	2483.500	32.586	35.054	67.639	74.00	54.00	Pass
12 (Average)	2469.100	32.514	59.939	92.454	--	--	Pass
12 (Average)	2483.500	32.586	17.290	49.875	74.00	54.00	Pass

Figure Channel 12: Vertical (Peak)

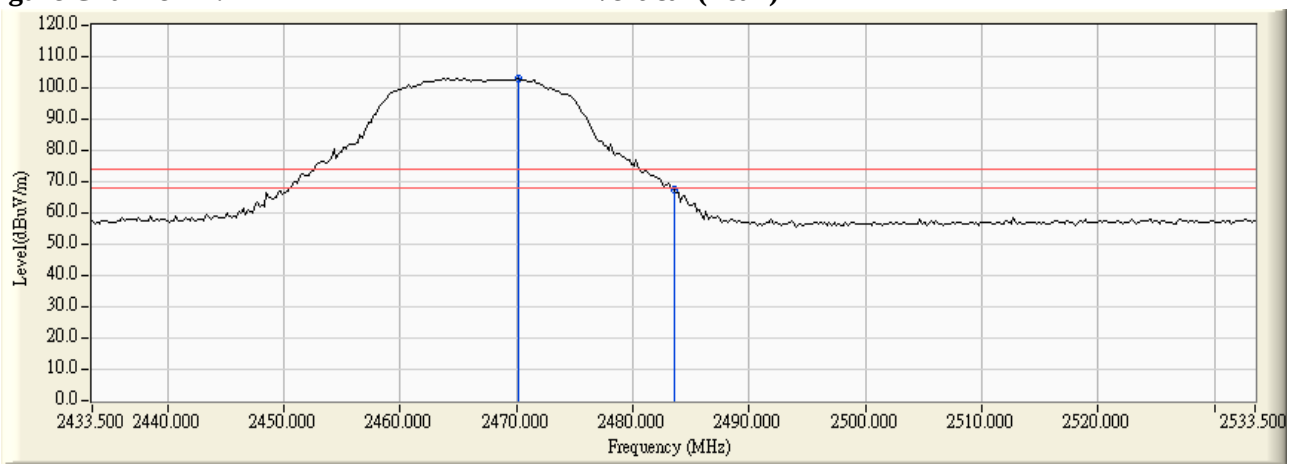
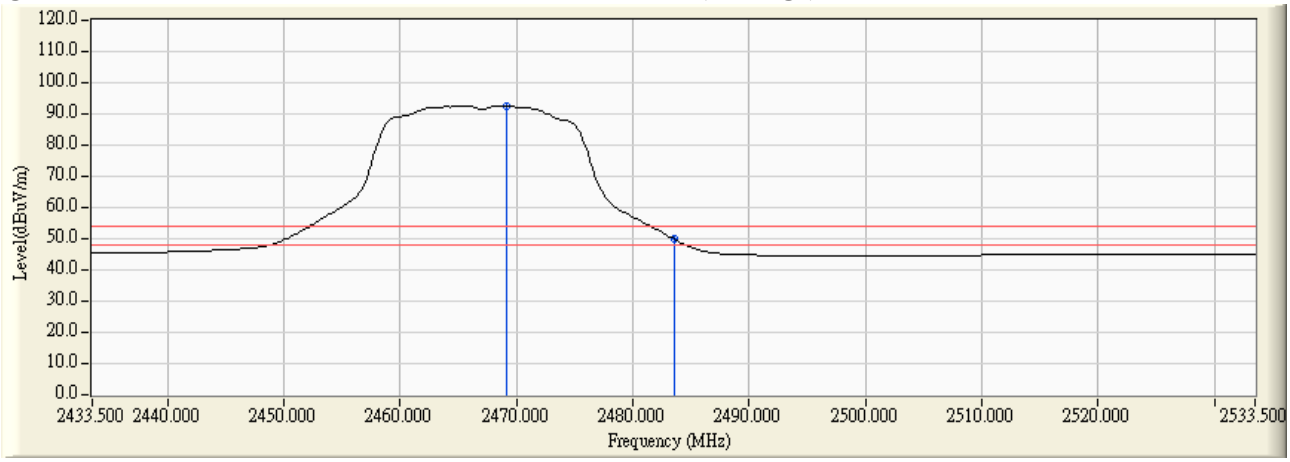


Figure Channel 12: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(2.4G Band)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	33.739	38.196	71.935	74.00	54.00	Pass
01 (Peak)	2400.000	33.752	55.253	89.004	74.00	54.00	Pass
01 (Peak)	2415.000	33.779	76.780	110.559	--	--	Pass
01 (Average)	2390.000	33.739	18.777	52.516	74.00	54.00	Pass
01 (Average)	2400.000	33.752	36.826	70.577	74.00	54.00	Pass
01 (Average)	2414.400	33.778	65.952	99.730	--	--	Pass

Figure Channel 01: Horizontal (Peak)

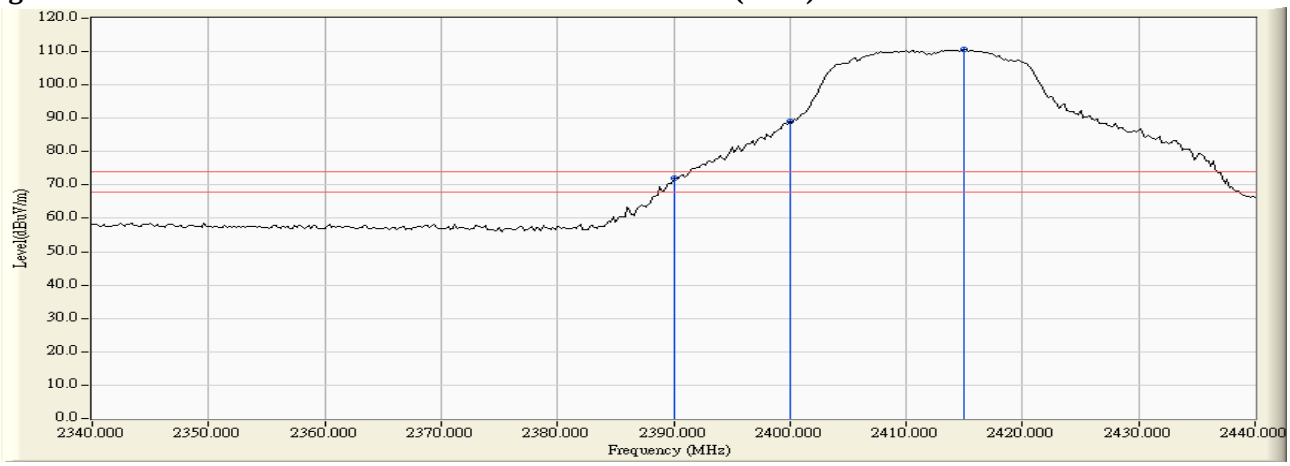
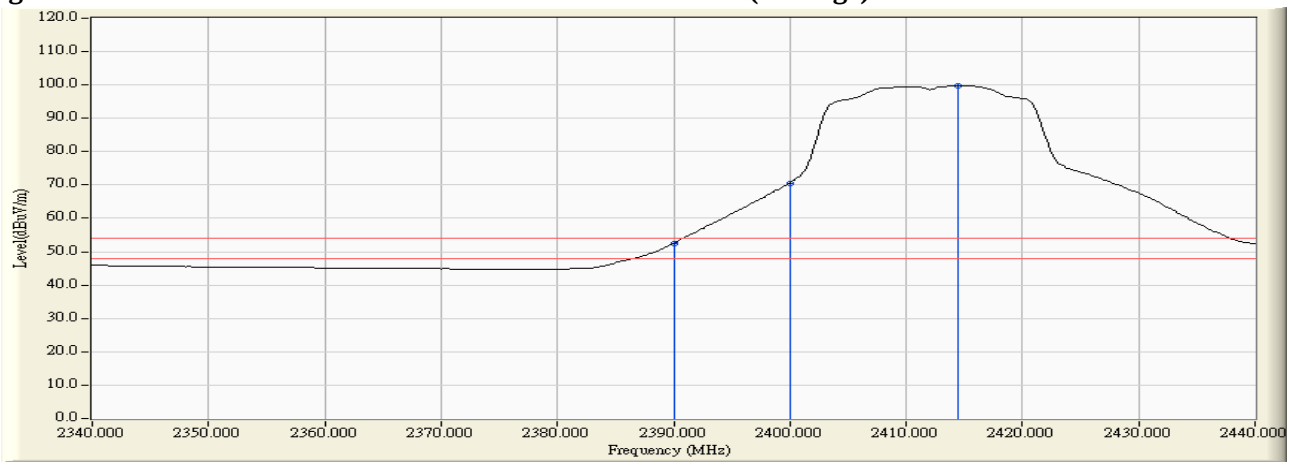


Figure Channel 01: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(2.4G Band)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	32.267	35.791	68.058	74.00	54.00	Pass
01 (Peak)	2400.000	32.241	51.908	84.149	74.00	54.00	Pass
01 (Peak)	2414.200	32.259	75.174	107.433	--	--	Pass
01 (Average)	2390.000	32.267	17.225	49.492	74.00	54.00	Pass
01 (Average)	2400.000	32.241	34.834	67.075	74.00	54.00	Pass
01 (Average)	2414.400	32.260	64.104	96.364	--	--	Pass

Figure Channel 01: Vertical (Peak)

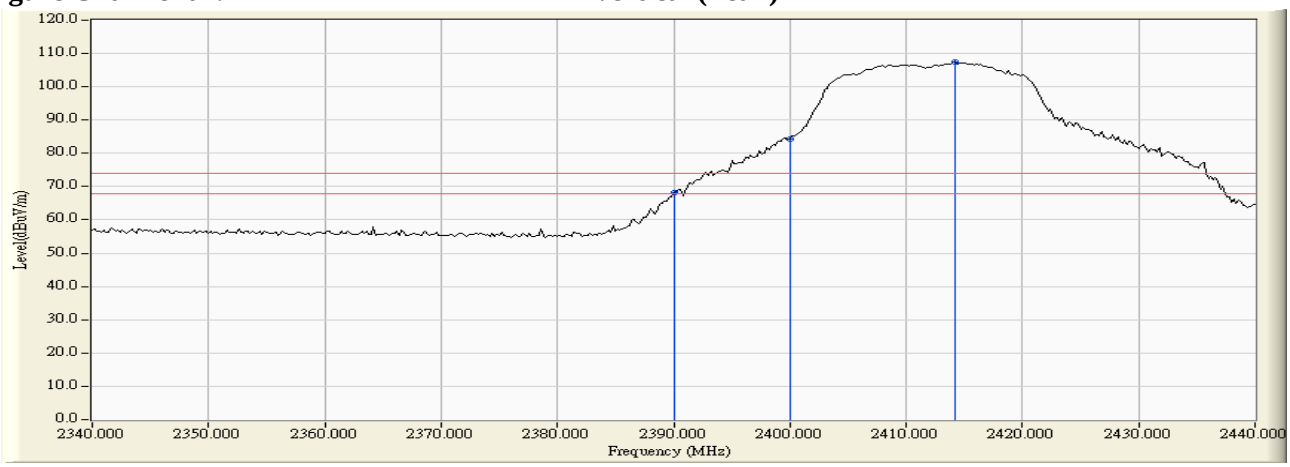
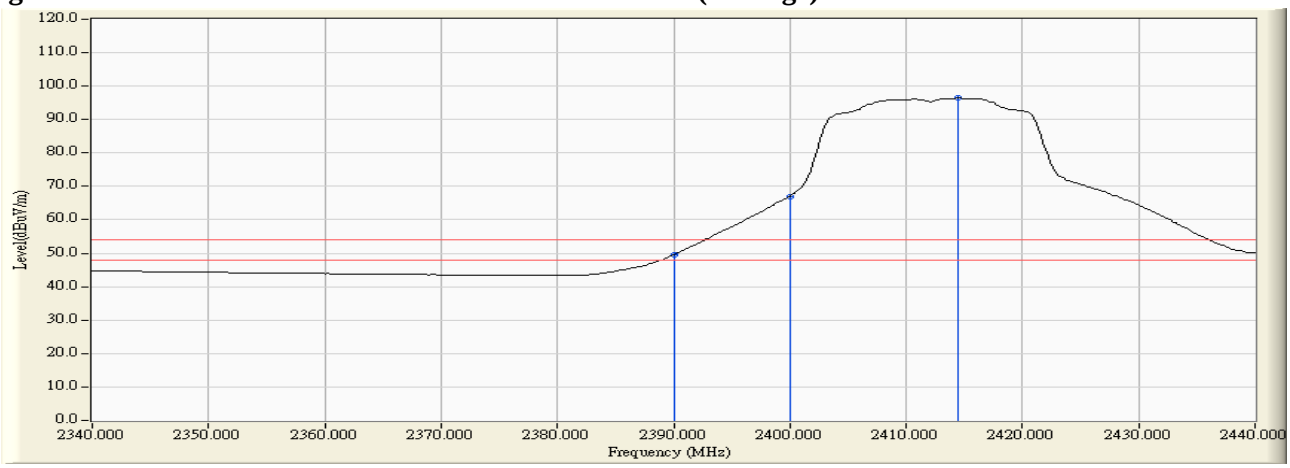


Figure Channel 01: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(2.4G Band)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
10 (Peak)	2453.900	33.872	79.156	113.028	--	--	Pass
10 (Peak)	2483.500	33.951	33.701	67.651	74.00	54.00	Pass
10 (Average)	2455.300	33.876	67.602	101.478	--	--	Pass
10 (Average)	2483.500	33.951	18.416	52.366	74.00	54.00	Pass

Figure Channel 10: Horizontal (Peak)

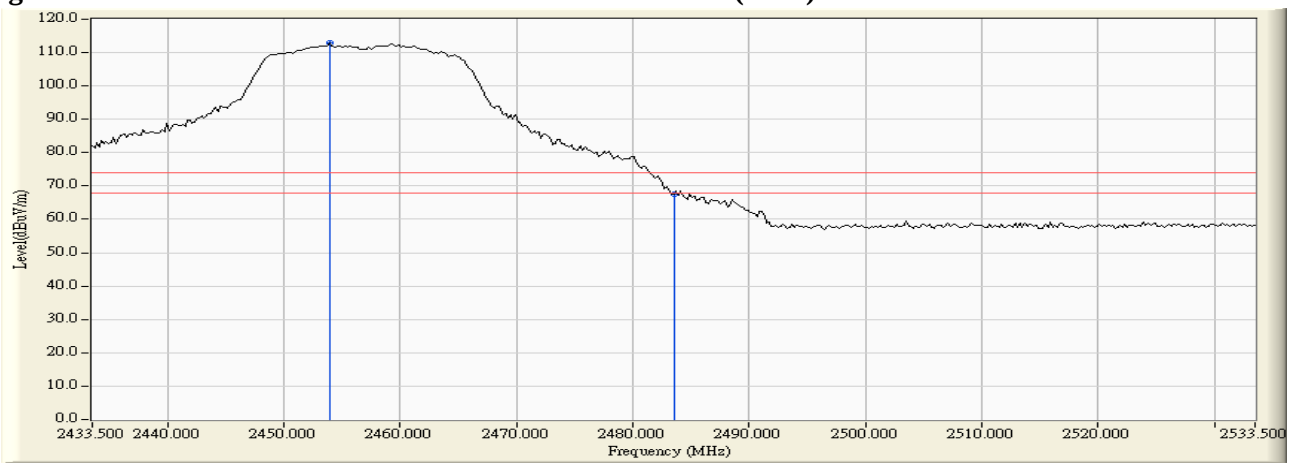
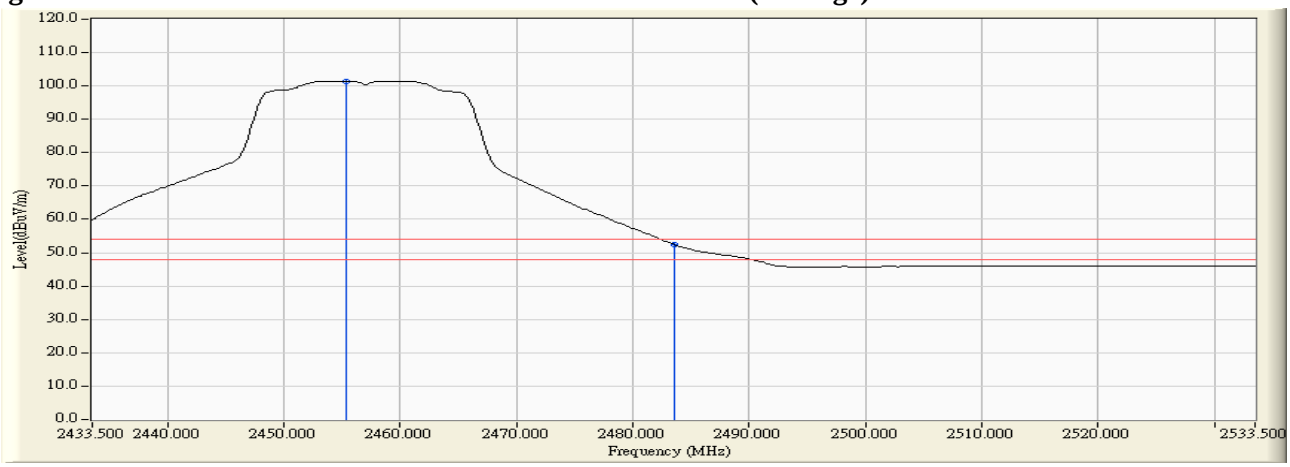


Figure Channel 10: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(2.4G Band)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
10 (Peak)	2459.700	32.469	76.583	109.052	--	--	Pass
10 (Peak)	2483.500	32.586	32.850	65.435	74.00	54.00	Pass
10 (Average)	2455.300	32.449	65.983	98.431	--	--	Pass
10 (Average)	2483.500	32.586	17.424	50.009	74.00	54.00	Pass

Figure Channel 10: Vertical (Peak)

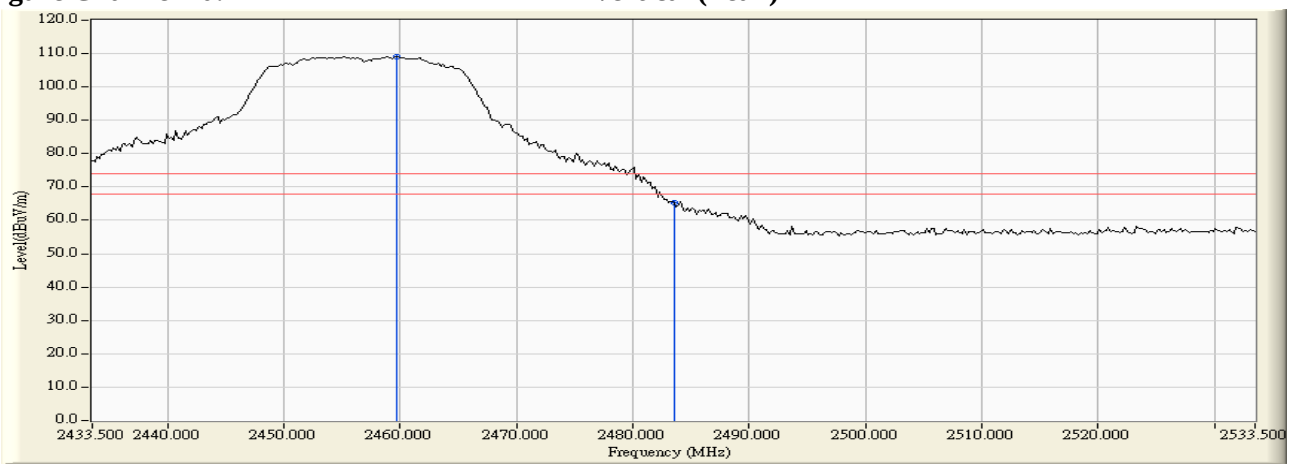
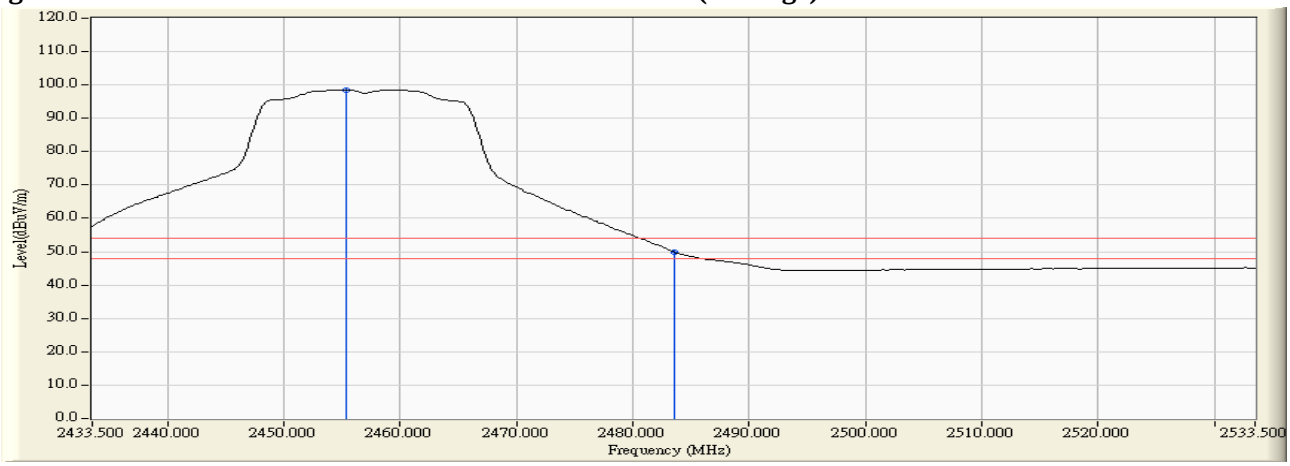


Figure Channel 10: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(2.4G Band)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2458.900	33.885	77.341	111.226	--	--	Pass
11 (Peak)	2483.500	33.951	37.110	71.060	74.00	54.00	Pass
11 (Average)	2465.300	33.901	66.037	99.938	--	--	Pass
11 (Average)	2483.500	33.951	19.442	53.392	74.00	54.00	Pass

Figure Channel 11: Horizontal (Peak)

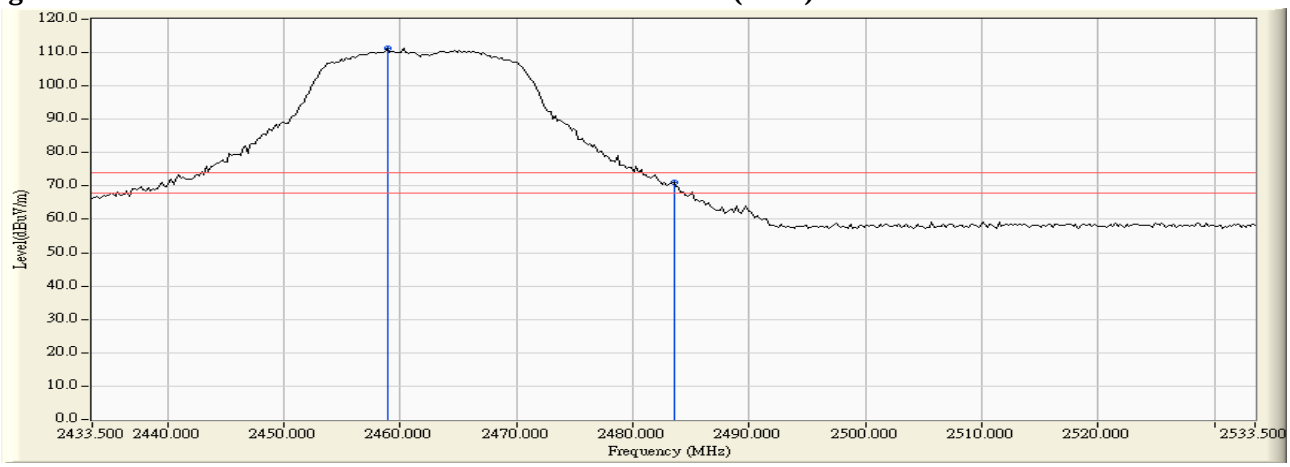
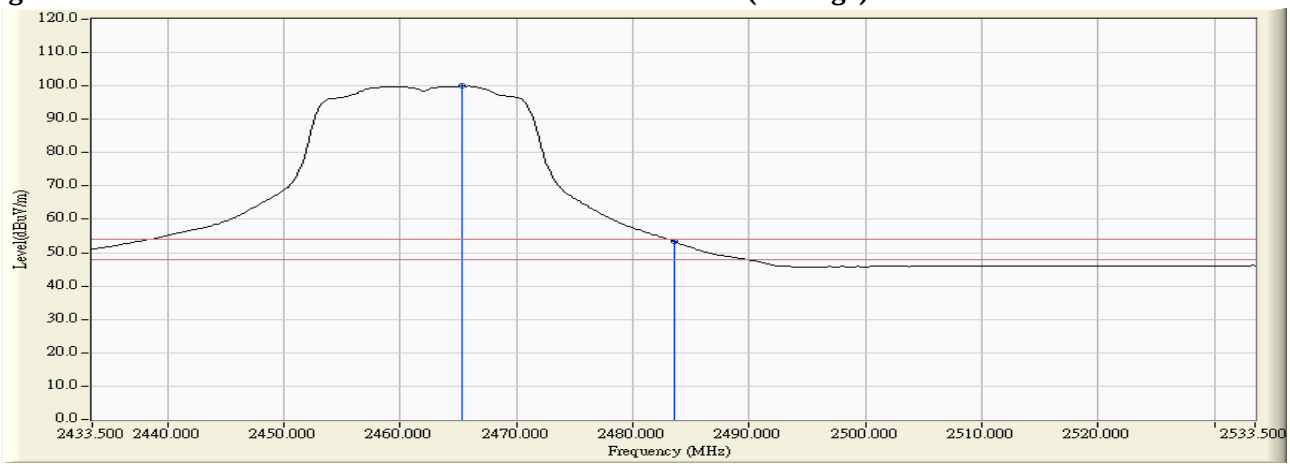


Figure Channel 11: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(2.4G Band)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
11 (Peak)	2464.300	32.492	75.149	107.641	--	--	Pass
11 (Peak)	2483.500	32.586	34.195	66.780	74.00	54.00	Pass
11 (Average)	2464.700	32.494	64.244	96.737	--	--	Pass
11 (Average)	2483.500	32.586	17.841	50.426	74.00	54.00	Pass

Figure Channel 11: Vertical (Peak)

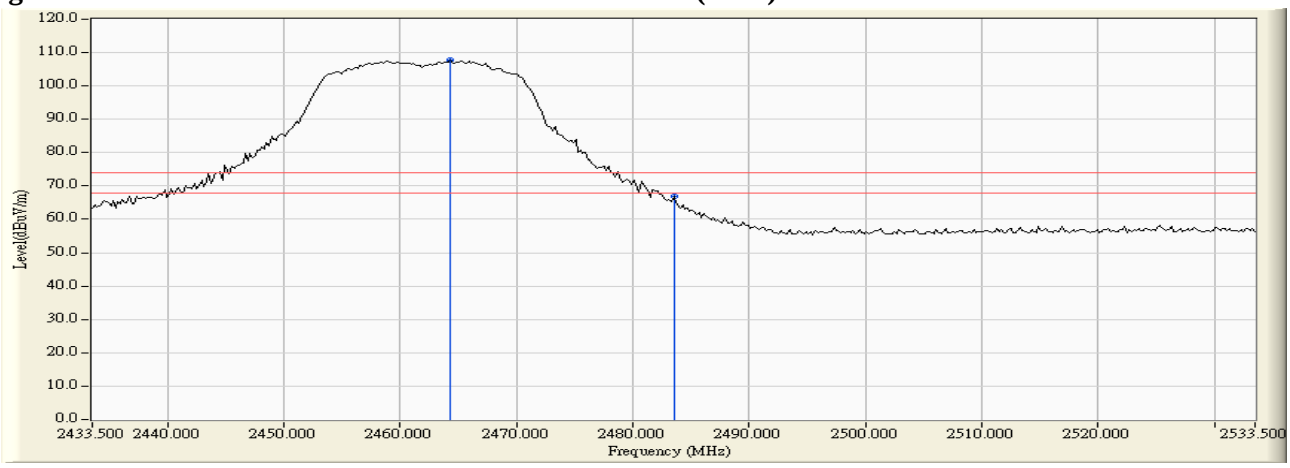
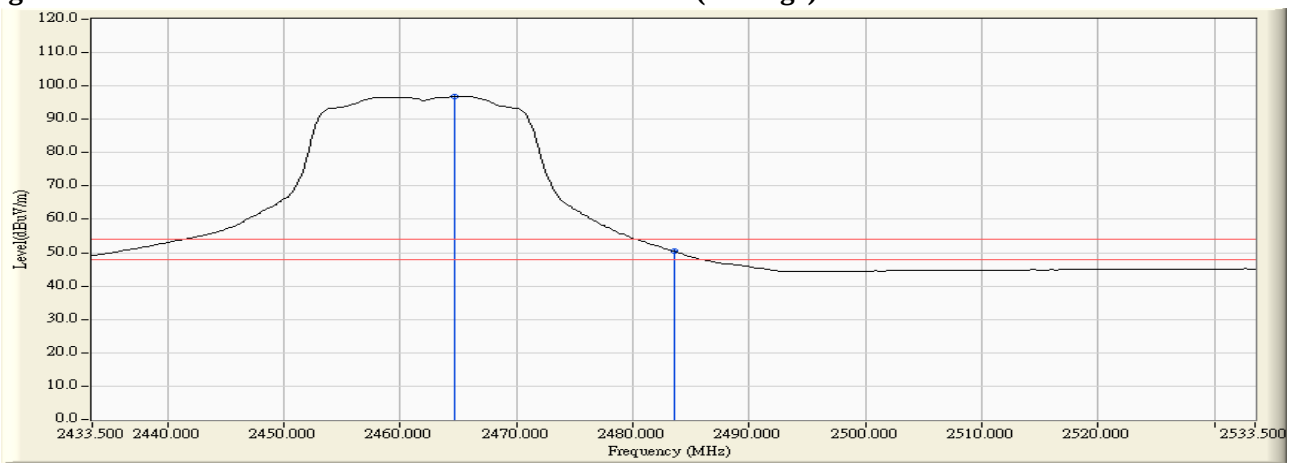


Figure Channel 11: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(2.4G Band)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
12 (Peak)	2463.700	33.897	72.258	106.155	--	--	Pass
12 (Peak)	2483.500	33.951	36.883	70.833	74.00	54.00	Pass
12 (Average)	2468.500	33.909	61.349	95.259	--	--	Pass
12 (Average)	2483.500	33.951	18.886	52.836	74.00	54.00	Pass

Figure Channel 12: Horizontal (Peak)

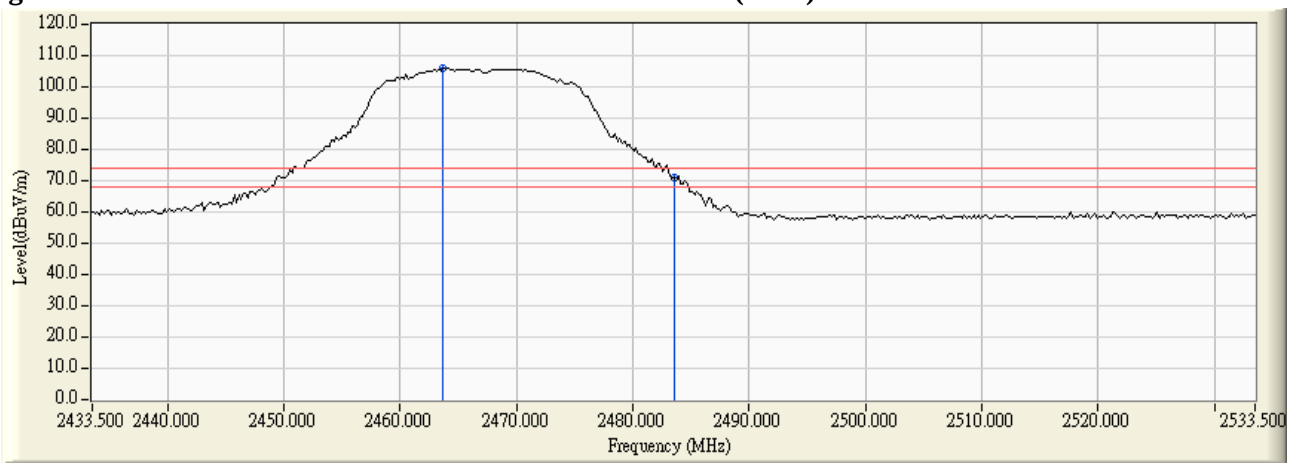
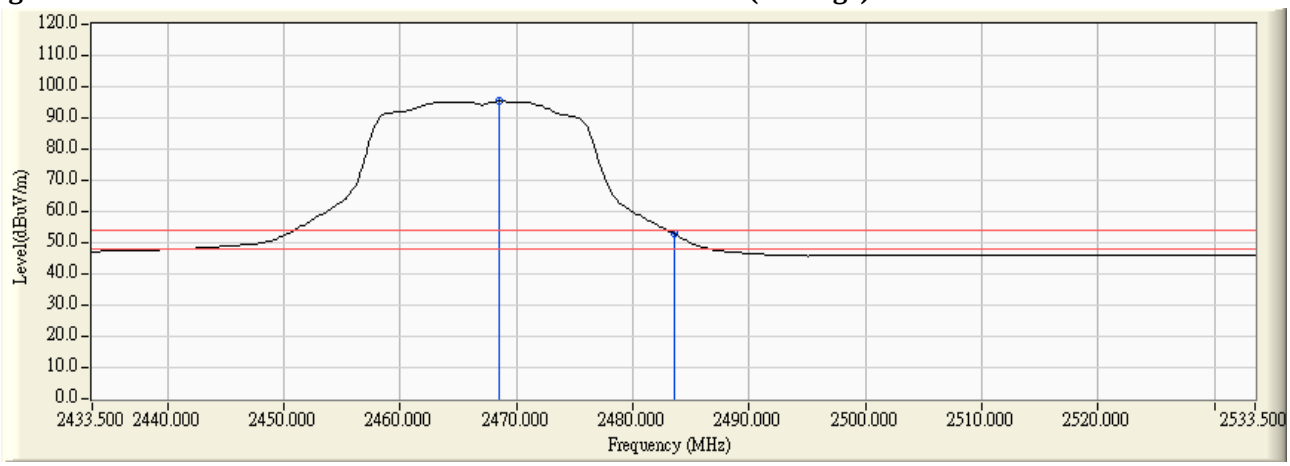


Figure Channel 12: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(2.4G Band)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
12 (Peak)	2465.300	32.496	70.938	103.434	--	--	Pass
12 (Peak)	2483.500	32.586	32.718	65.303	74.00	54.00	Pass
12 (Peak)	2483.900	32.587	35.382	67.969	74.00	54.00	Pass
12 (Average)	2468.900	32.514	59.355	91.869	--	--	Pass
12 (Average)	2483.500	32.586	17.077	49.662	74.00	54.00	Pass

Figure Channel 12: Vertical (Peak)

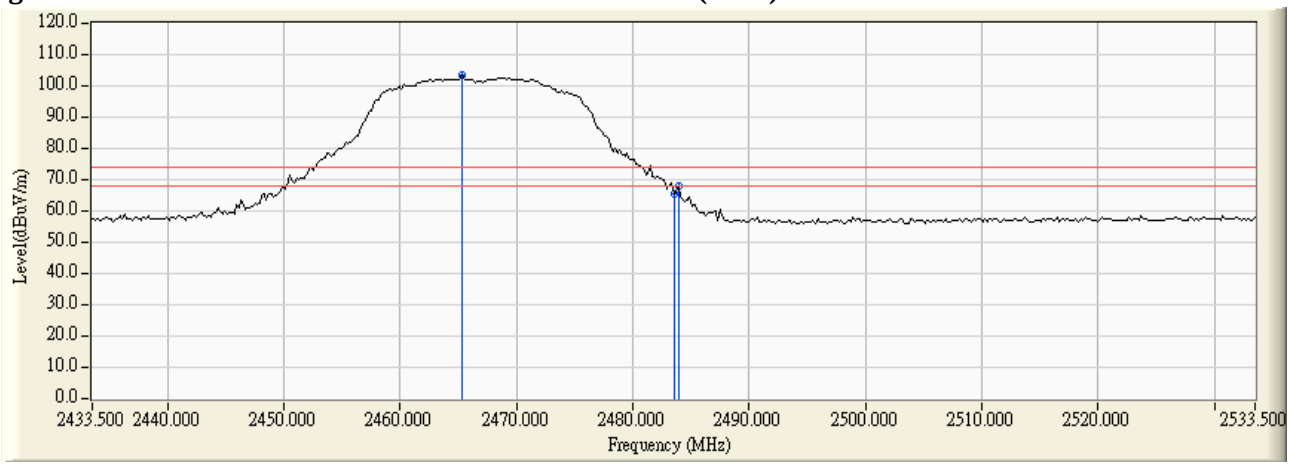
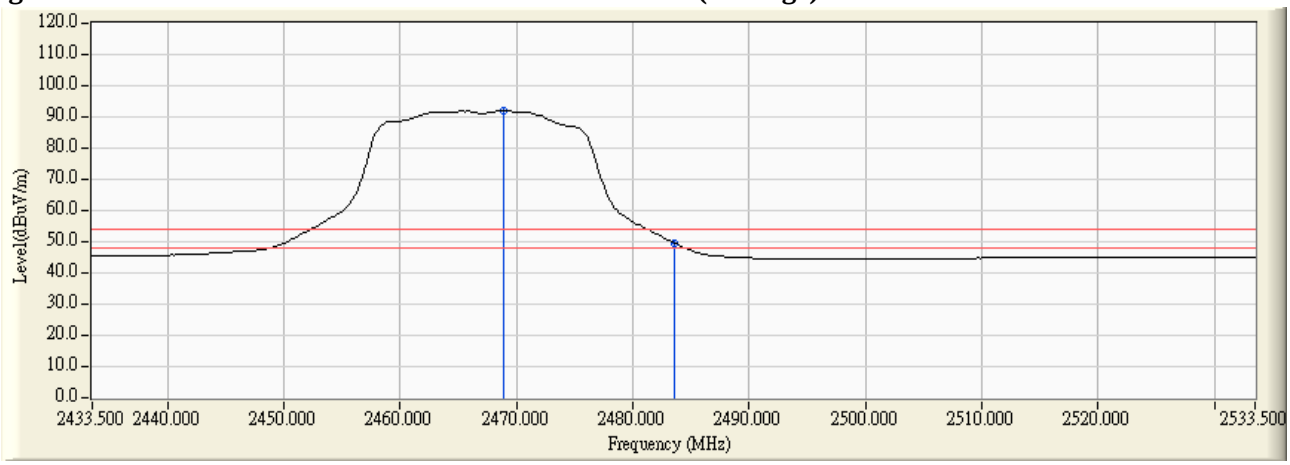


Figure Channel 12: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(2.4G Band)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
03 (Peak)	2390.000	33.739	33.172	66.911	74.00	54.00	Pass
03 (Peak)	2400.000	33.752	46.528	80.279	74.00	54.00	Pass
03 (Peak)	2433.200	33.822	71.613	105.435	--	--	Pass
03 (Average)	2390.000	33.739	19.426	53.165	74.00	54.00	Pass
03 (Average)	2400.000	33.752	32.982	66.733	74.00	54.00	Pass
03 (Average)	2433.400	33.823	59.582	93.404	--	--	Pass

Figure Channel 03: Horizontal (Peak)

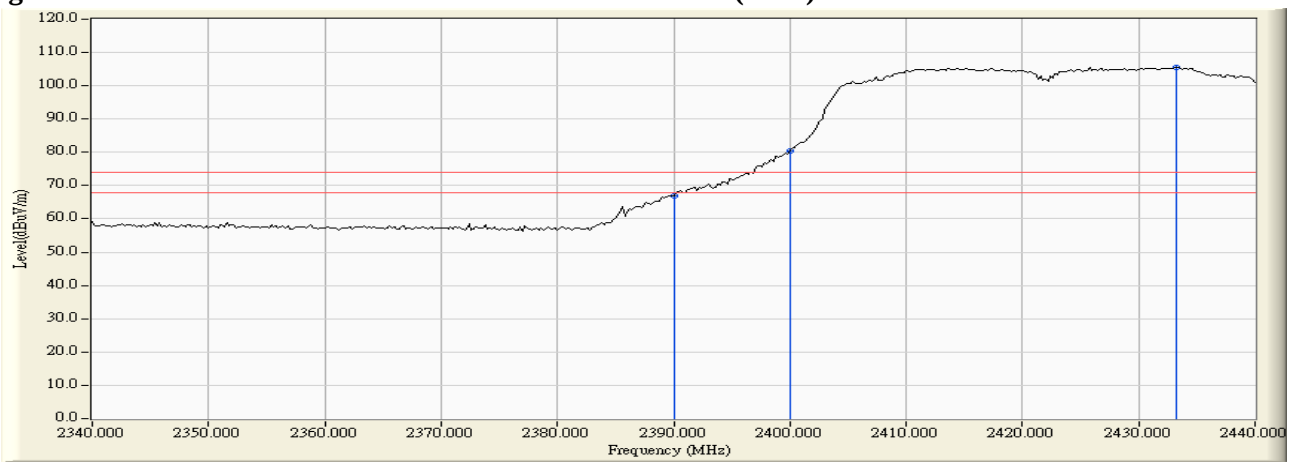
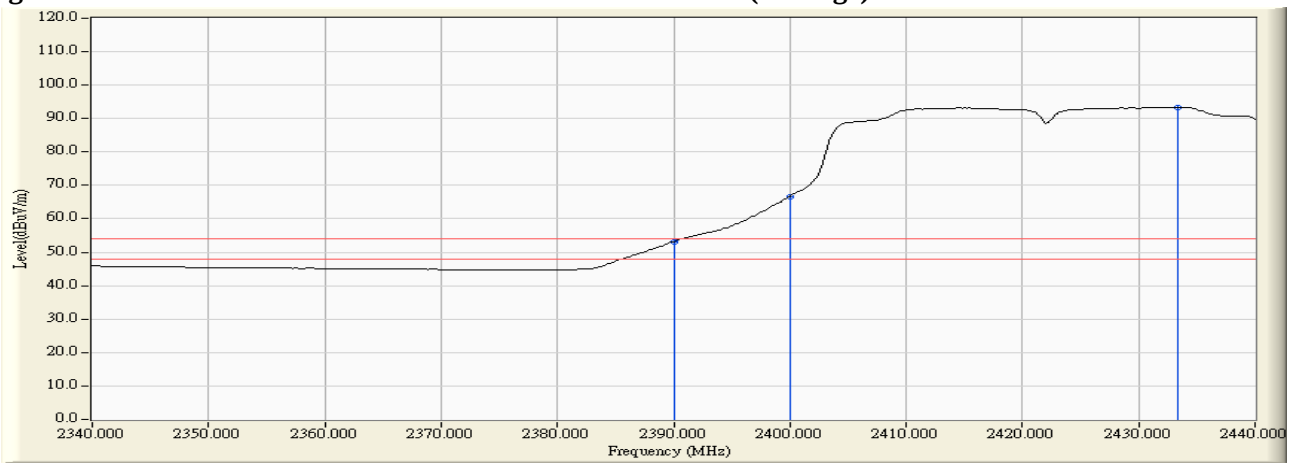


Figure Channel 03: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(2.4G Band)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
03 (Peak)	2390.000	32.267	31.503	63.770	74.00	54.00	Pass
03 (Peak)	2400.000	32.241	44.625	76.866	74.00	54.00	Pass
03 (Peak)	2433.200	32.344	70.075	102.420	--	--	Pass
03 (Average)	2390.000	32.267	17.978	50.245	74.00	54.00	Pass
03 (Average)	2400.000	32.241	31.297	63.538	74.00	54.00	Pass
03 (Average)	2433.400	32.346	58.416	90.761	--	--	Pass

Figure Channel 03: Vertical (Peak)

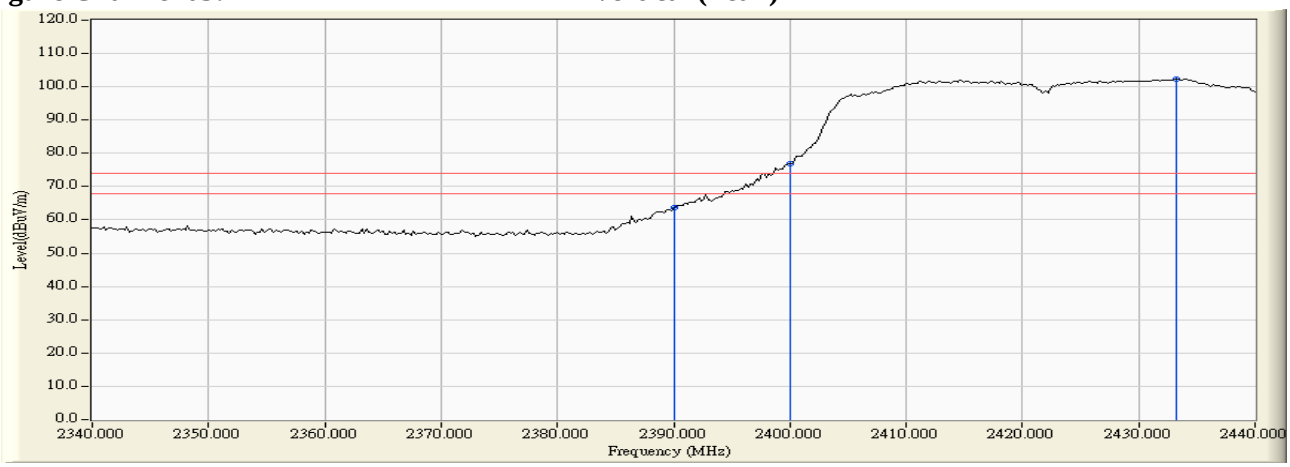
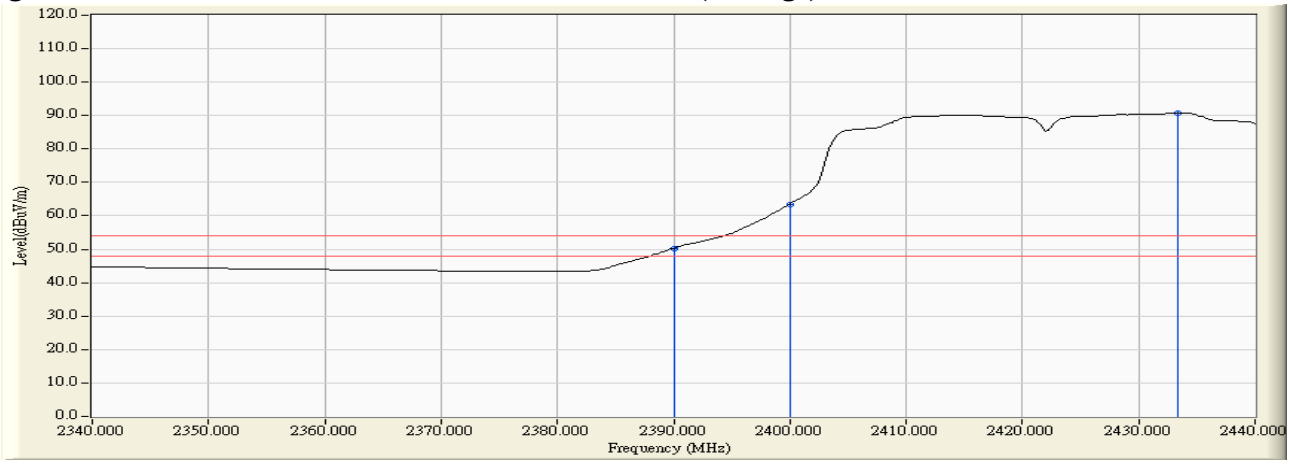


Figure Channel 03: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(2.4G Band)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
04 (Peak)	2390.000	33.739	31.975	65.714	74.00	54.00	Pass
04 (Peak)	2400.000	33.752	38.798	72.549	74.00	54.00	Pass
04 (Peak)	2437.400	33.832	72.564	106.396	--	--	Pass
04 (Average)	2390.000	33.739	18.589	52.328	74.00	54.00	Pass
04 (Average)	2400.000	33.752	25.213	58.964	74.00	54.00	Pass
04 (Average)	2438.200	33.833	60.773	94.607	--	--	Pass

Figure Channel 04: Horizontal (Peak)

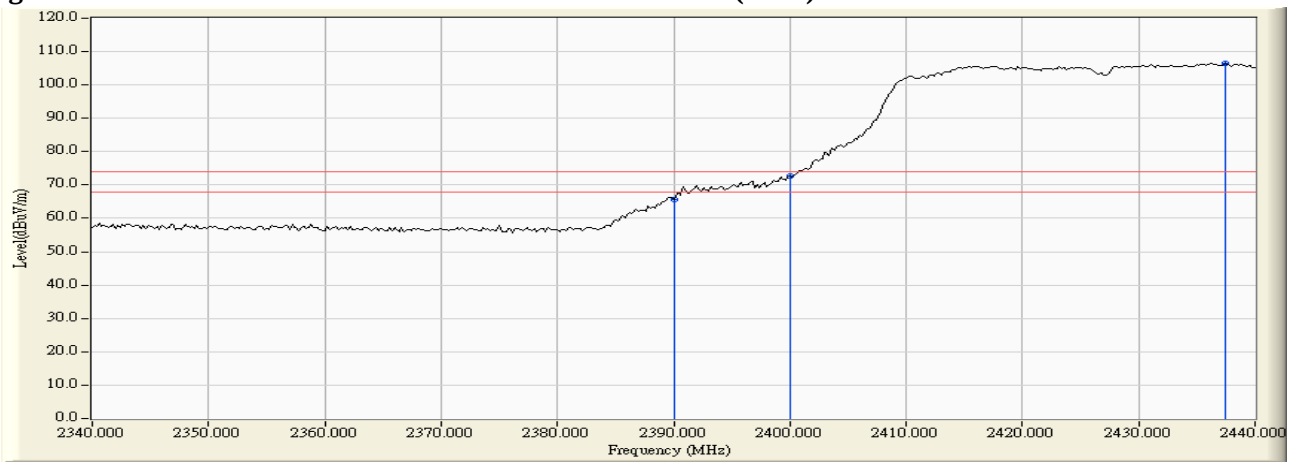
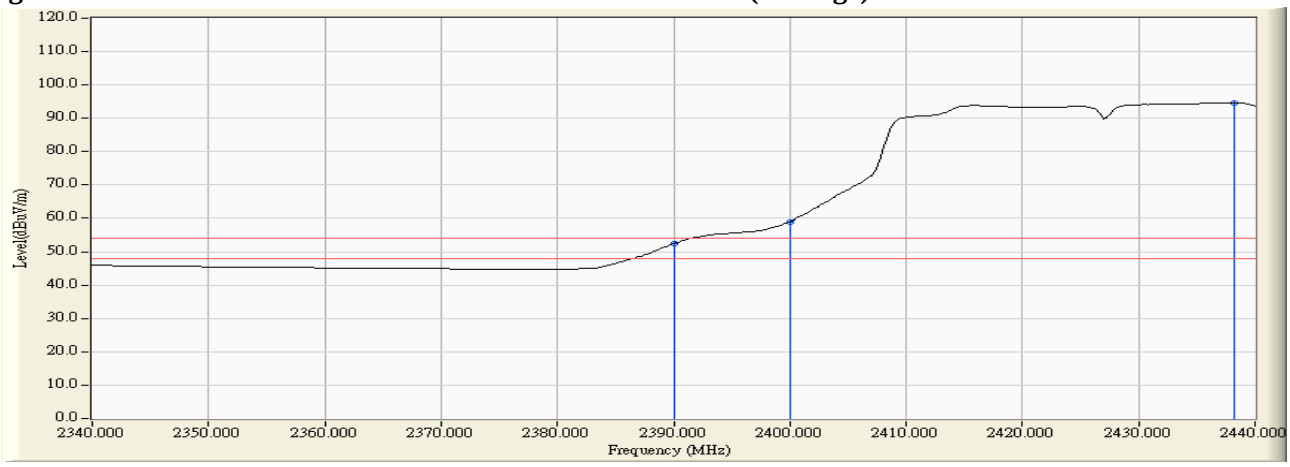


Figure Channel 04: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(2.4G Band)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
04 (Peak)	2390.000	32.267	33.141	65.408	74.00	54.00	Pass
04 (Peak)	2400.000	32.241	37.927	70.168	74.00	54.00	Pass
04 (Peak)	2436.400	32.359	72.373	104.732	--	--	Pass
04 (Average)	2390.000	32.267	17.032	49.299	74.00	54.00	Pass
04 (Average)	2400.000	32.241	23.354	55.595	74.00	54.00	Pass
04 (Average)	2438.200	32.367	59.356	91.723	--	--	Pass

Figure Channel 04: Vertical (Peak)

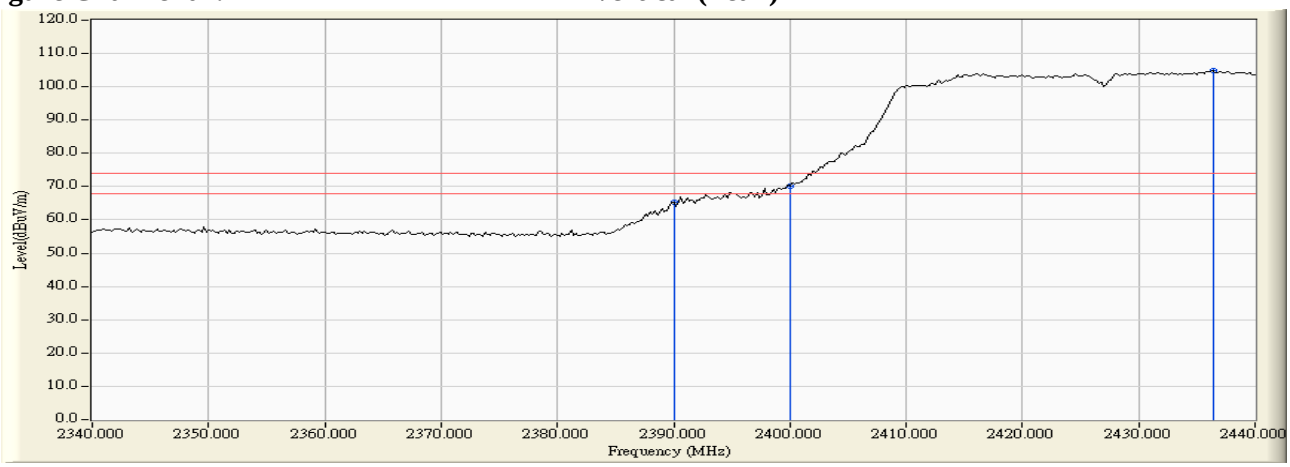
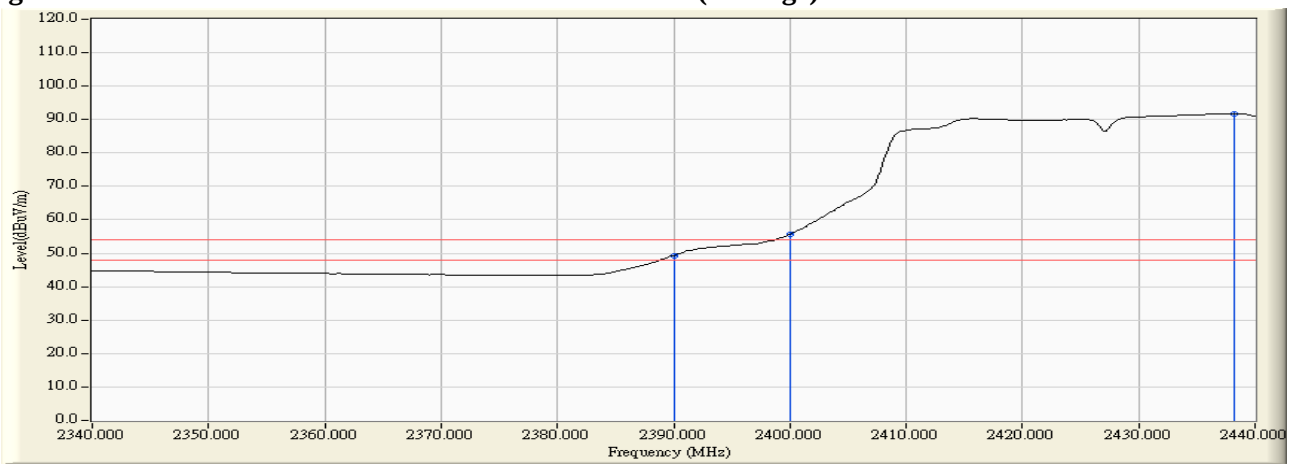


Figure Channel 04: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(2.4G Band)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
08 (Peak)	2436.900	33.831	75.848	109.679	--	--	Pass
08 (Peak)	2483.500	33.951	32.971	66.921	74.00	54.00	Pass
08 (Average)	2435.700	33.828	63.895	97.723	--	--	Pass
08 (Average)	2483.500	33.951	19.250	53.200	74.00	54.00	Pass

Figure Channel 08: Horizontal (Peak)

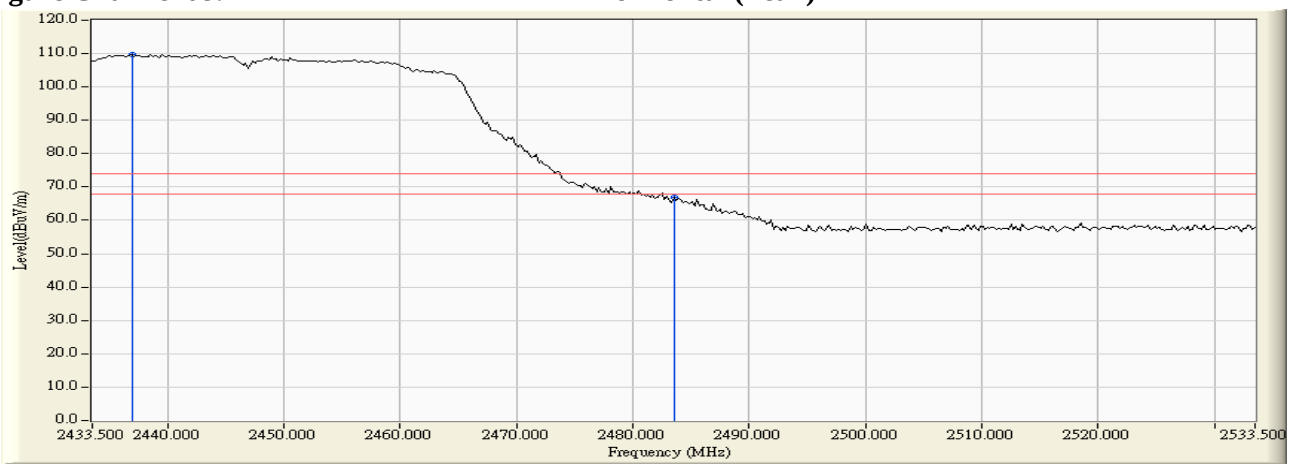
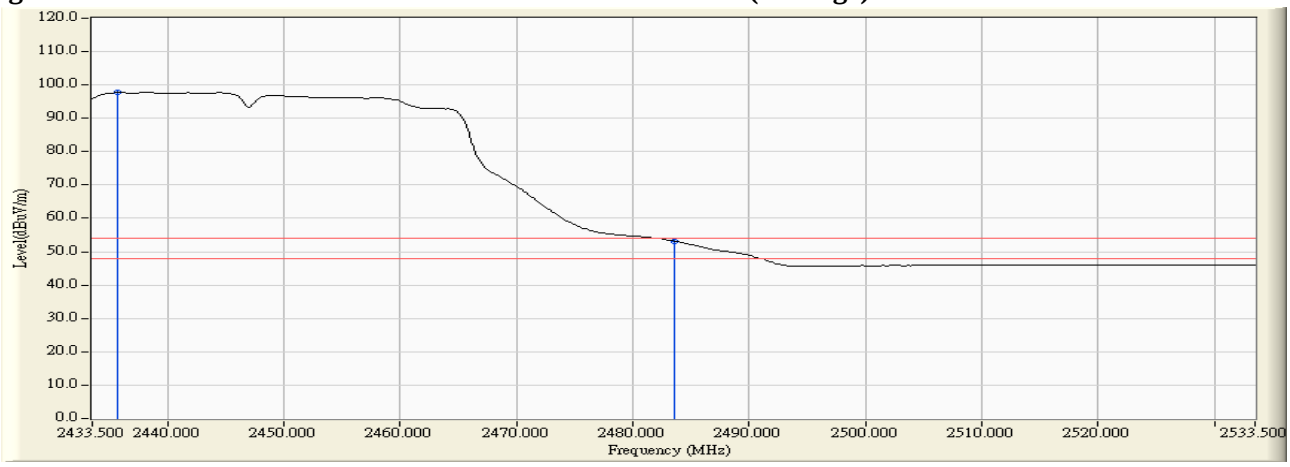


Figure Channel 08: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(2.4G Band)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
08 (Peak)	2436.900	32.362	73.325	105.686	--	--	Pass
08 (Peak)	2483.500	32.586	30.220	62.805	74.00	54.00	Pass
08 (Average)	2444.700	32.397	61.475	93.872	--	--	Pass
08 (Average)	2483.500	32.586	17.170	49.755	74.00	54.00	Pass

Figure Channel 08: Vertical (Peak)

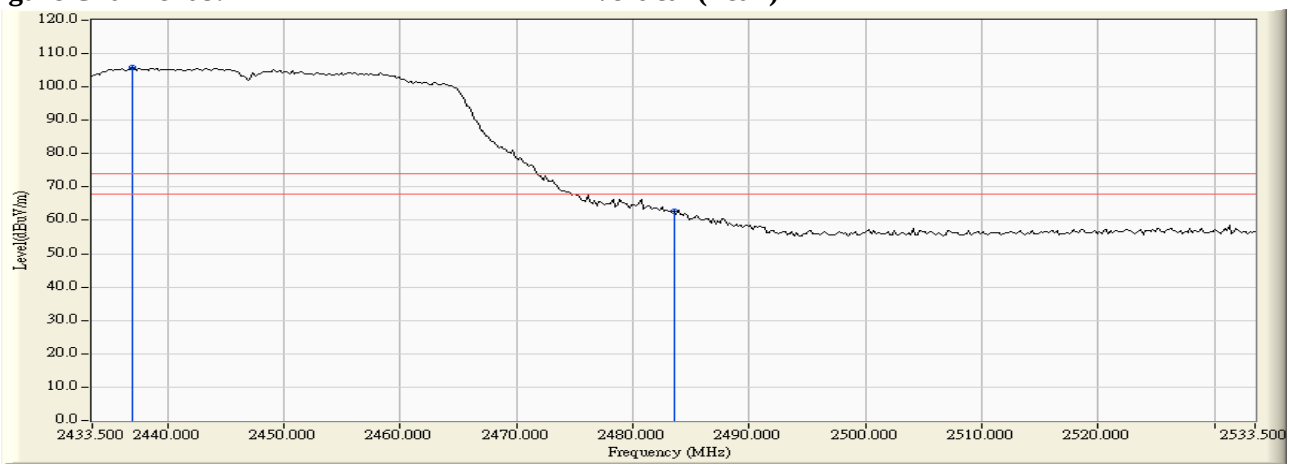
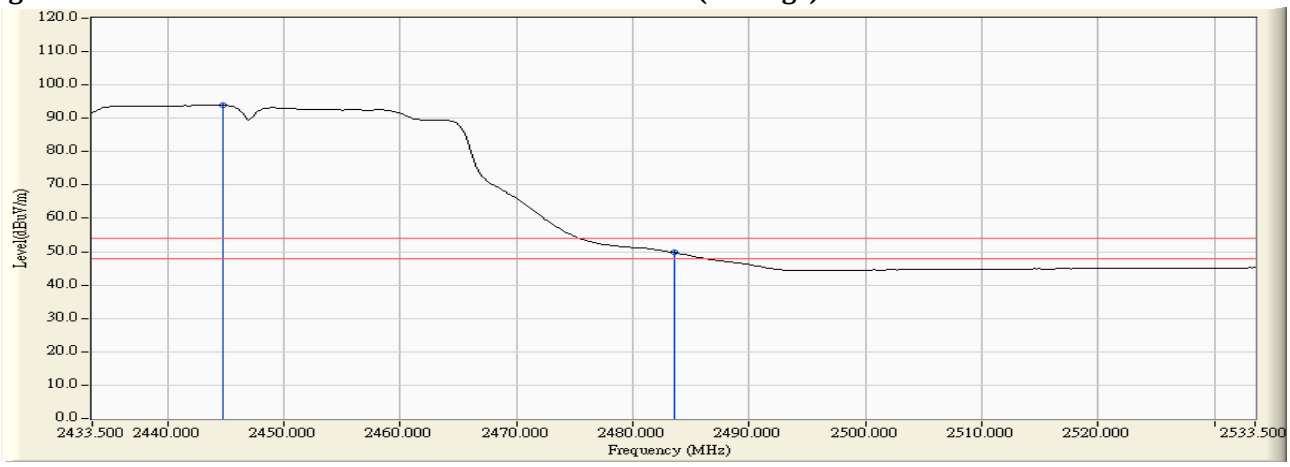


Figure Channel 08: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(2.4G Band)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
09 (Peak)	2444.500	33.848	73.089	106.937	--	--	Pass
09 (Peak)	2483.500	33.951	33.734	67.684	74.00	54.00	Pass
09 (Average)	2443.300	33.845	61.143	94.988	--	--	Pass
09 (Average)	2483.500	33.951	19.314	53.264	74.00	54.00	Pass

Figure Channel 09: Horizontal (Peak)

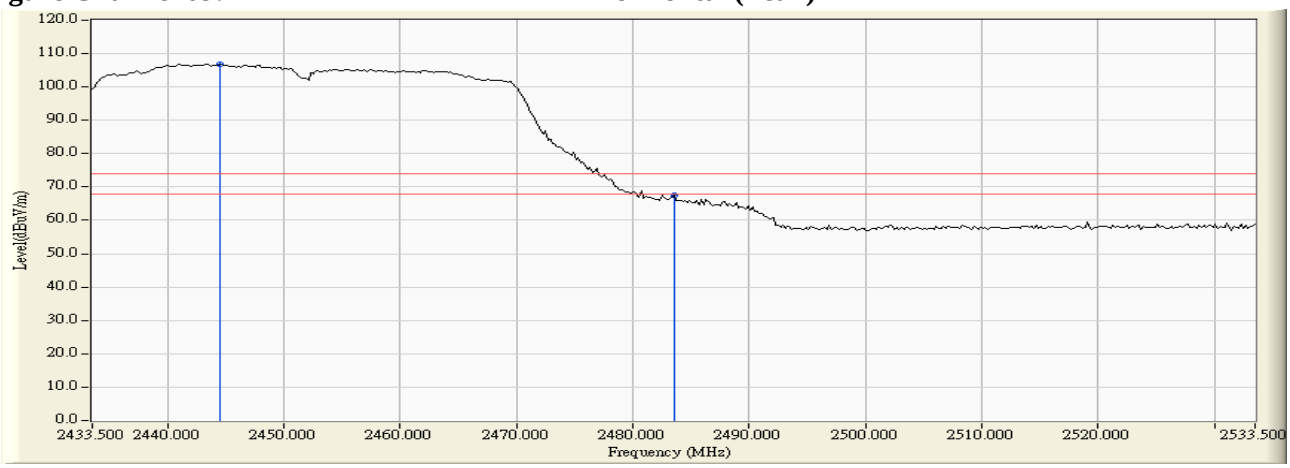
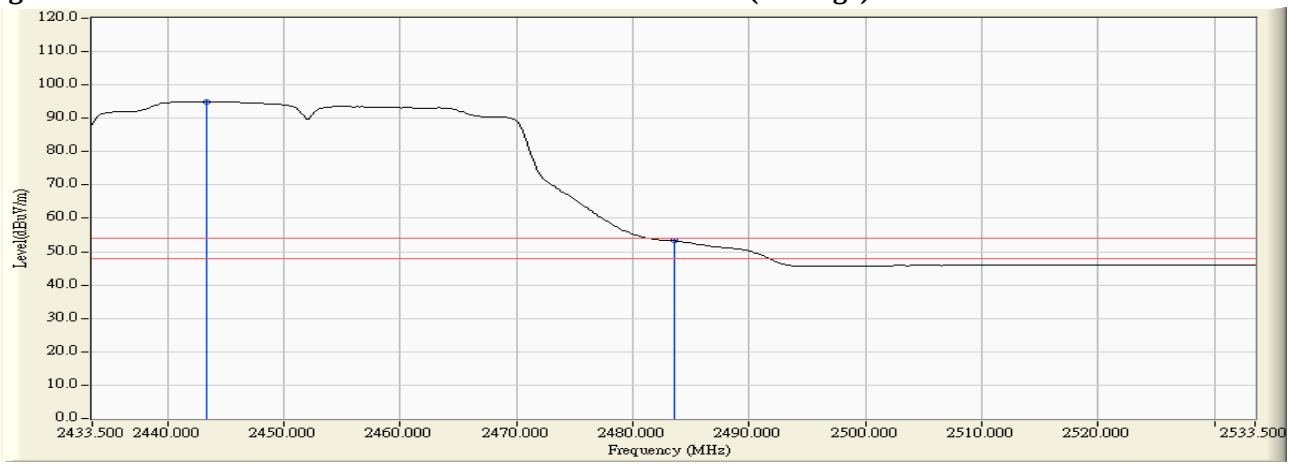


Figure Channel 09: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(2.4G Band)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
09 (Peak)	2444.300	32.395	70.811	103.206	--	--	Pass
09 (Peak)	2483.500	32.586	30.783	63.368	74.00	54.00	Pass
09 (Average)	2445.500	32.402	58.830	91.231	--	--	Pass
09 (Average)	2483.500	32.586	17.271	49.856	74.00	54.00	Pass

Figure Channel 09: Vertical (Peak)

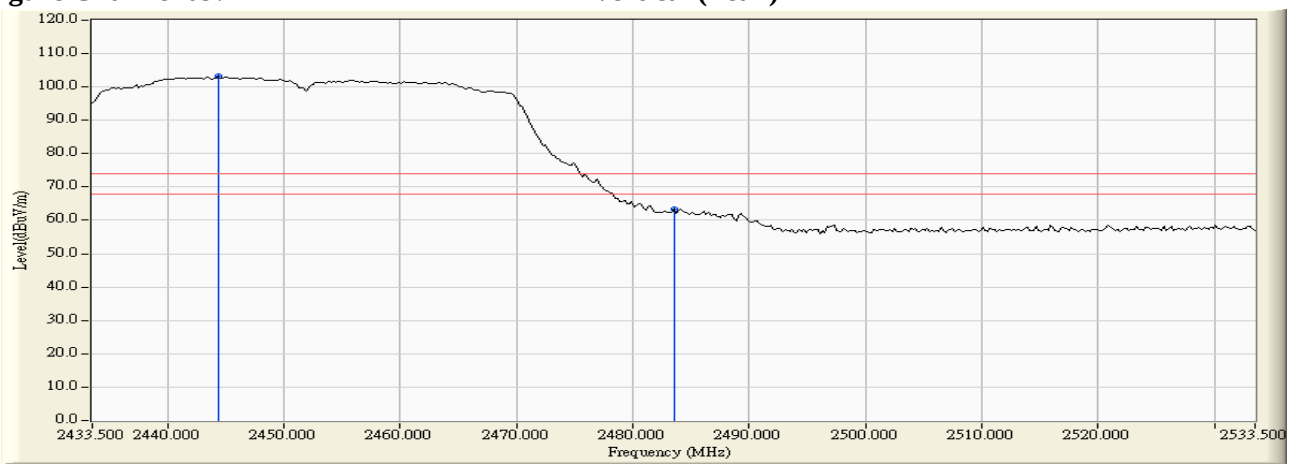
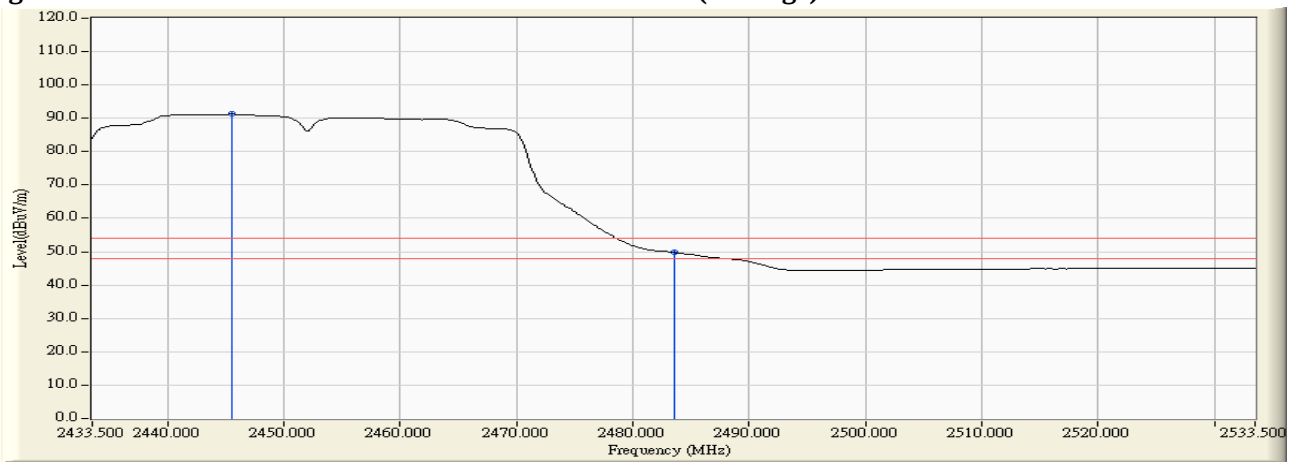


Figure Channel 09: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(2.4G Band)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
10 (Peak)	2444.500	33.848	73.089	106.937	--	--	Pass
10 (Peak)	2483.500	33.951	33.734	67.684	74.00	54.00	Pass
10 (Average)	2443.300	33.845	61.143	94.988	--	--	Pass
10 (Average)	2483.500	33.951	19.314	53.264	74.00	54.00	Pass

Figure Channel 10: Horizontal (Peak)

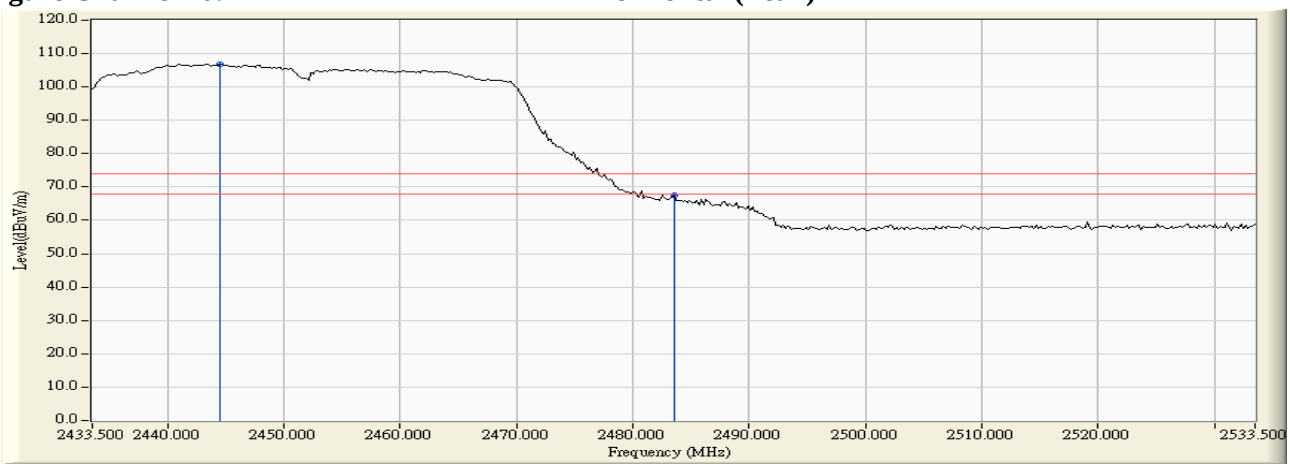
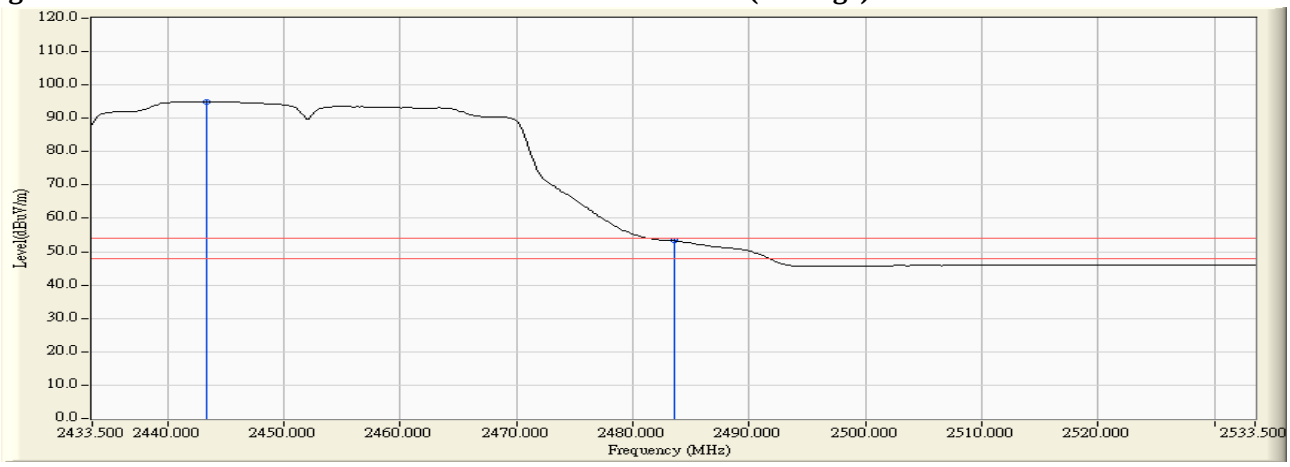


Figure Channel 10: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(2.4G Band)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
10 (Peak)	2444.300	32.395	70.811	103.206	--	--	Pass
10 (Peak)	2483.500	32.586	30.783	63.368	74.00	54.00	Pass
10 (Average)	2445.500	32.402	58.830	91.231	--	--	Pass
10 (Average)	2483.500	32.586	17.271	49.856	74.00	54.00	Pass

Figure Channel 10: Vertical (Peak)

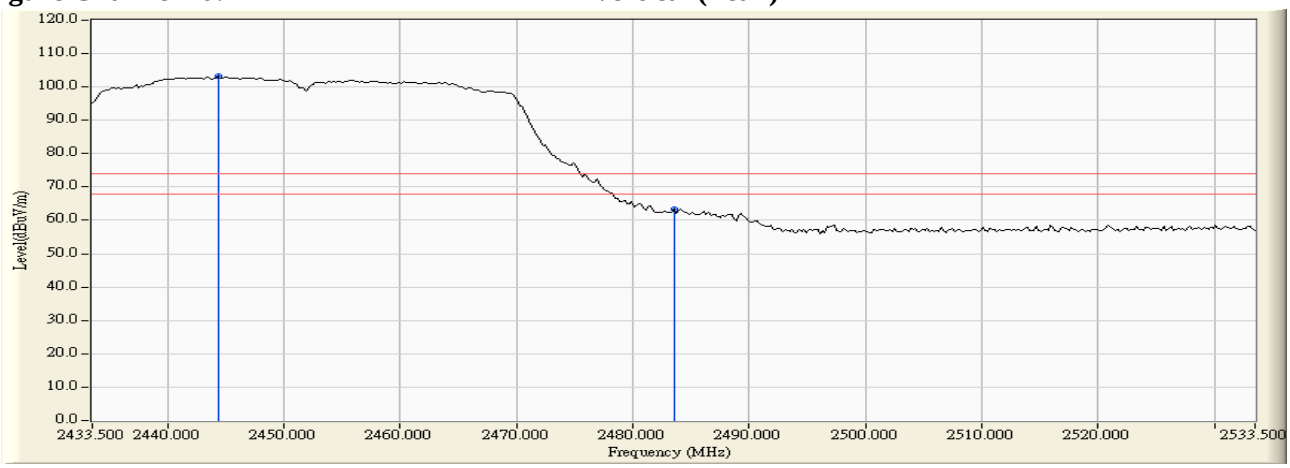
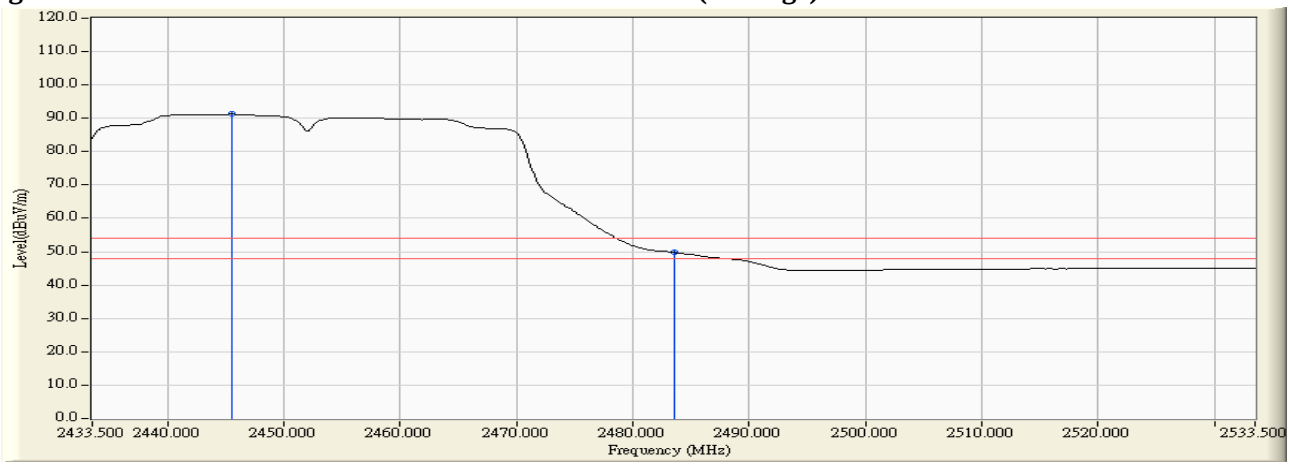


Figure Channel 10: Vertical (Average)

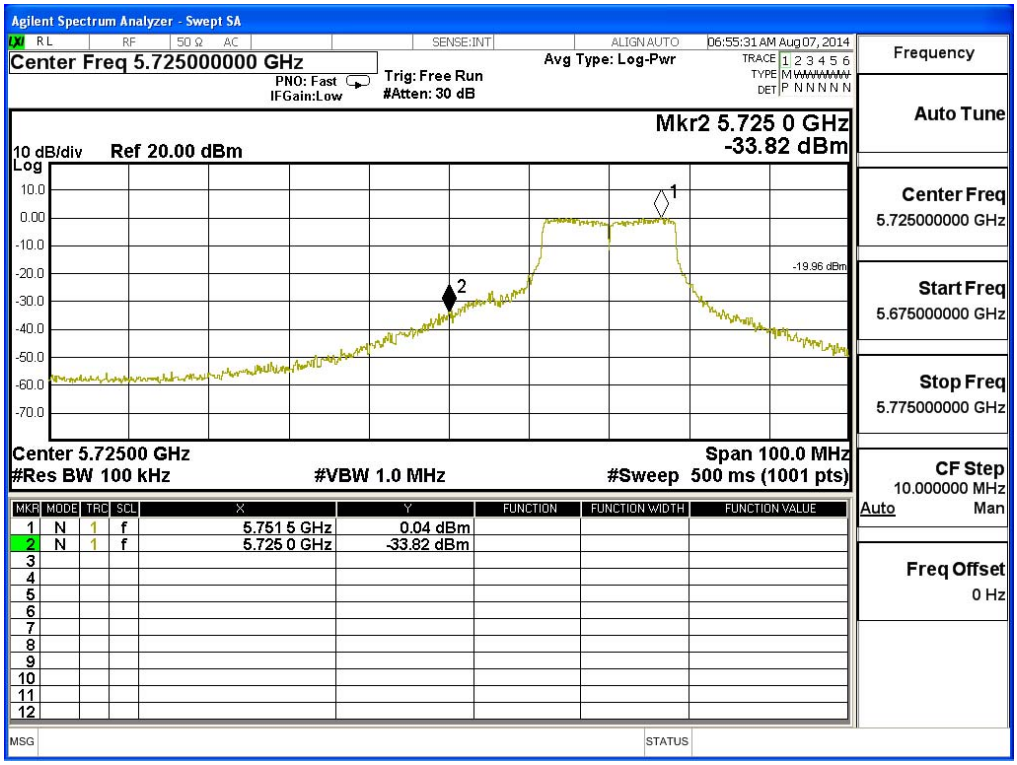


Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

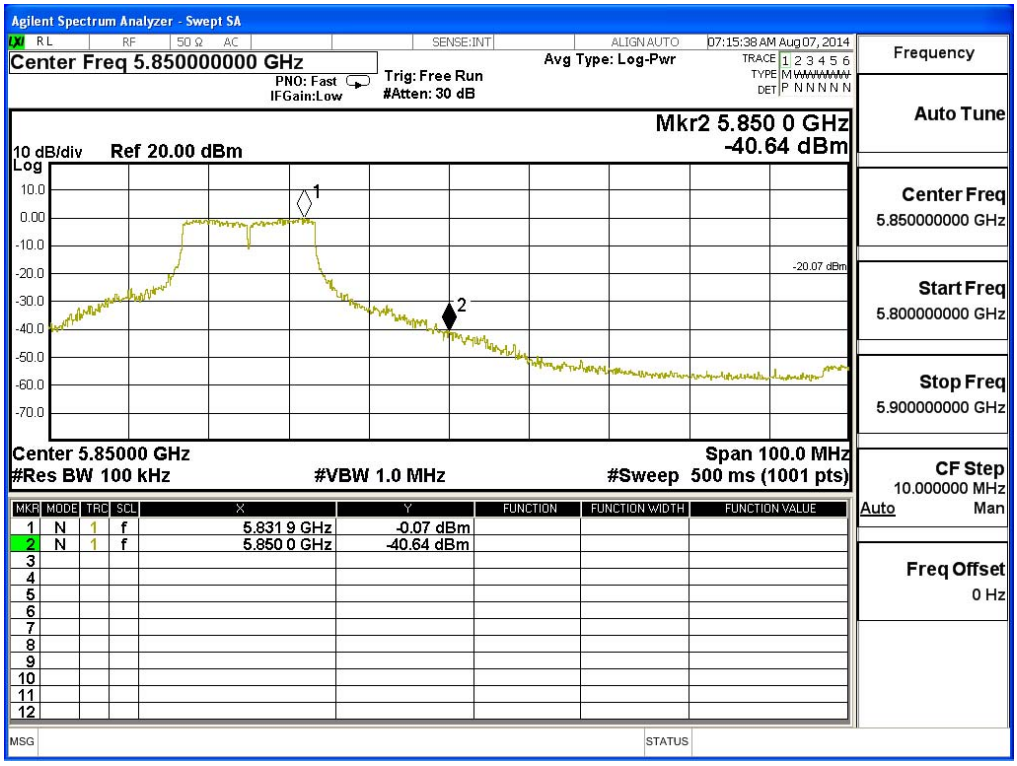
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11a 6Mbps

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5745	33.86	>20	PASS



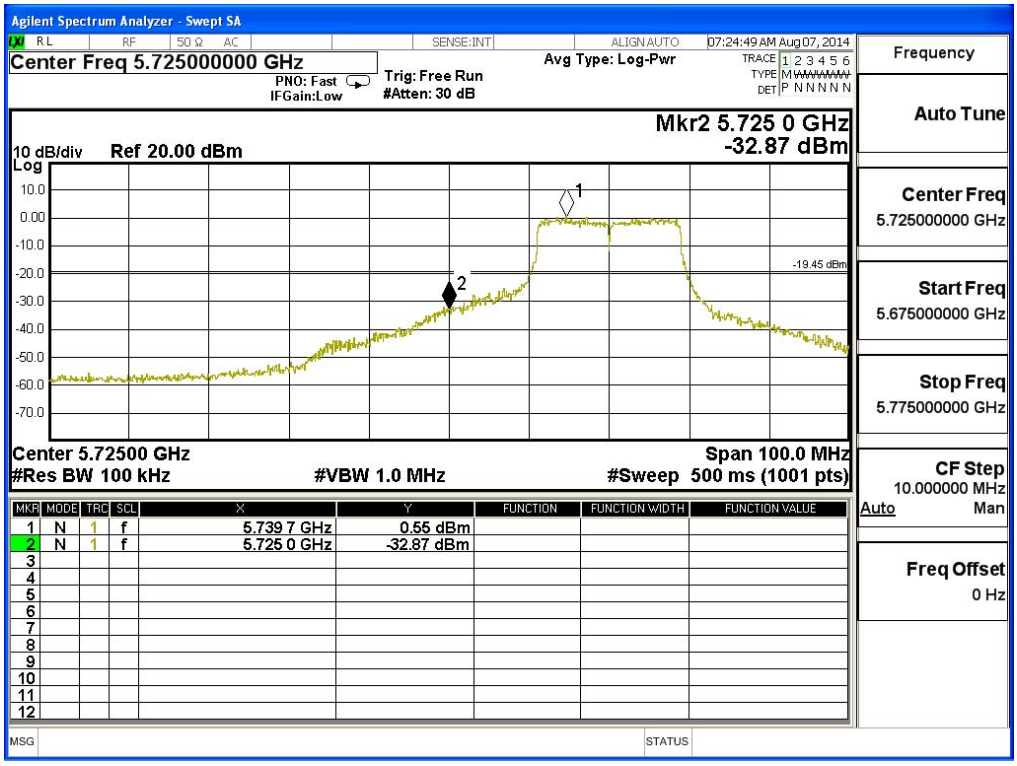
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11a 6Mbps

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5825	40.57	>20	PASS



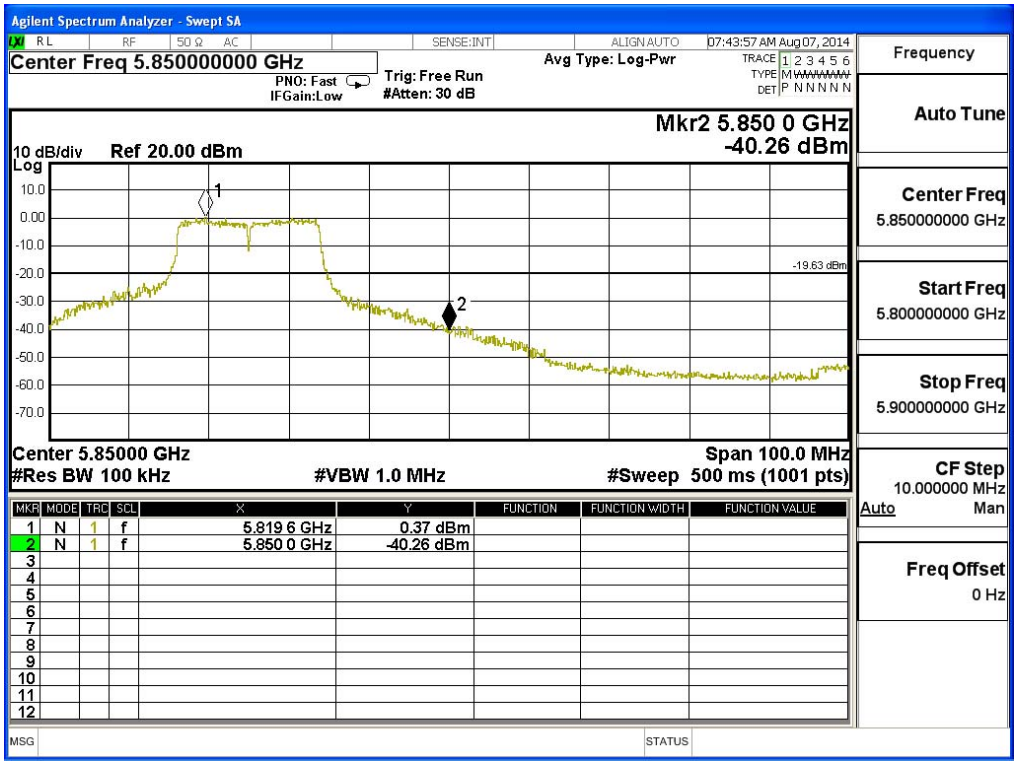
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(5G Band)

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5745	33.42	>20	PASS



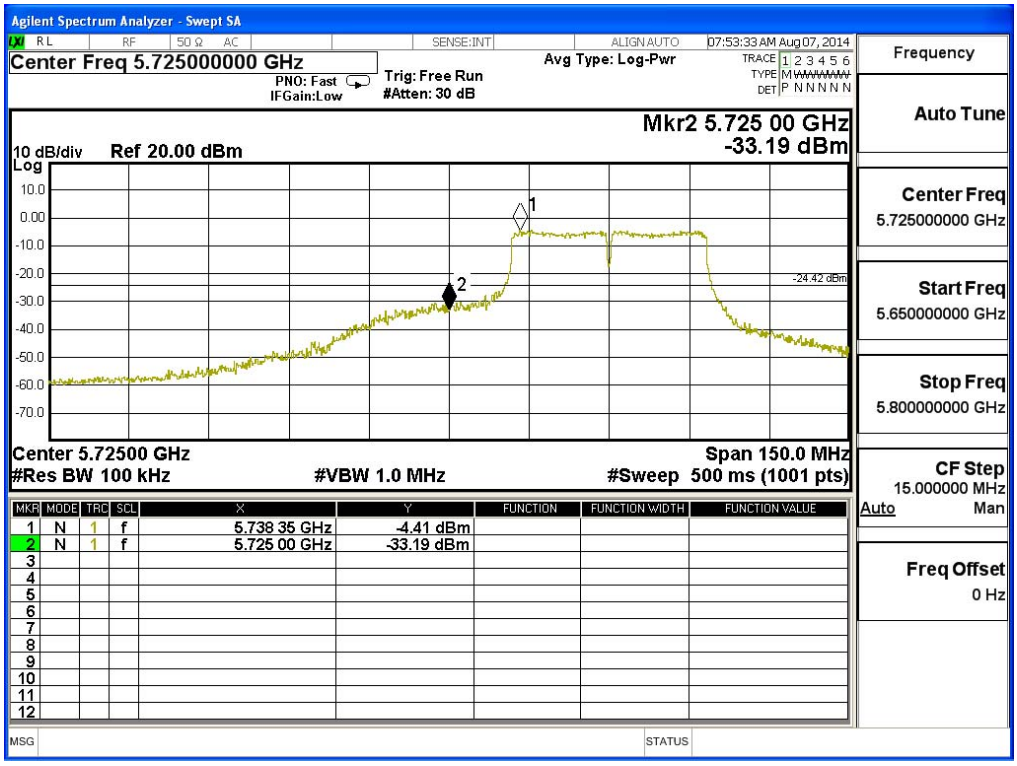
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-20BW_7.2Mbps(5G Band)

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5825	40.63	>20	PASS



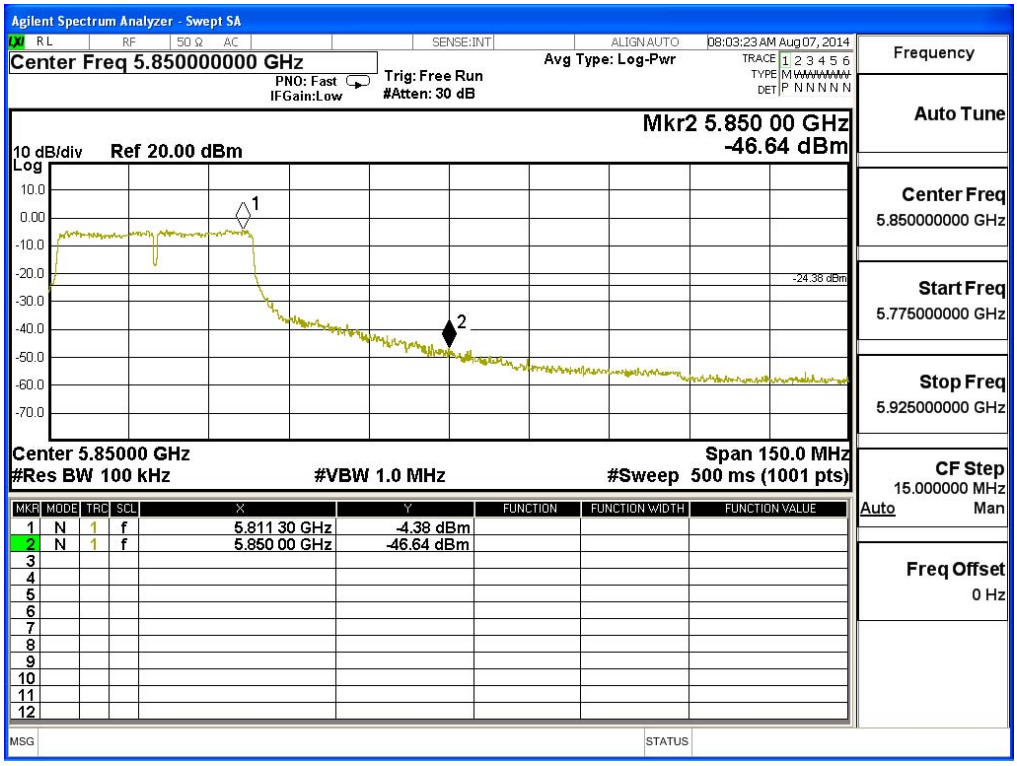
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(5G Band)

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5755	28.78	>20	PASS



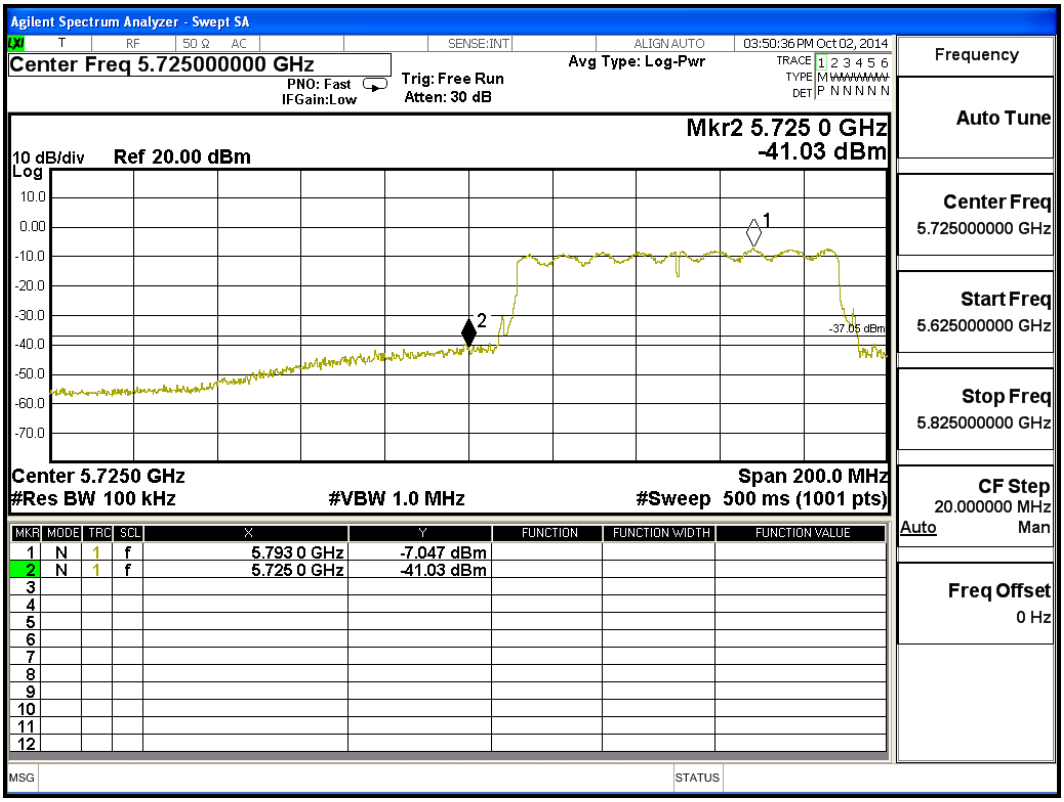
Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11n-40BW_15Mbps(5G Band)

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5795	51.02	>20	PASS



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 1 SISO A: Transmit - 802.11ac-80BW_32.5Mbps(5G Band)

Test Frequency (MHz)	Measurement Level Δ (dB)	Limit Δ (dB)	Result
5775	33.983	>30	PASS



Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	33.739	38.134	71.873	74.00	54.00	Pass
01 (Peak)	2400.000	33.752	51.015	84.766	74.00	54.00	Pass
01 (Peak)	2410.400	33.768	81.500	115.268	--	--	Pass
01 (Average)	2390.000	33.739	15.910	49.649	74.00	54.00	Pass
01 (Average)	2400.000	33.752	38.087	71.838	74.00	54.00	Pass
01 (Average)	2411.400	33.771	76.214	109.984	--	--	Pass

Figure Channel 01: Horizontal (Peak)

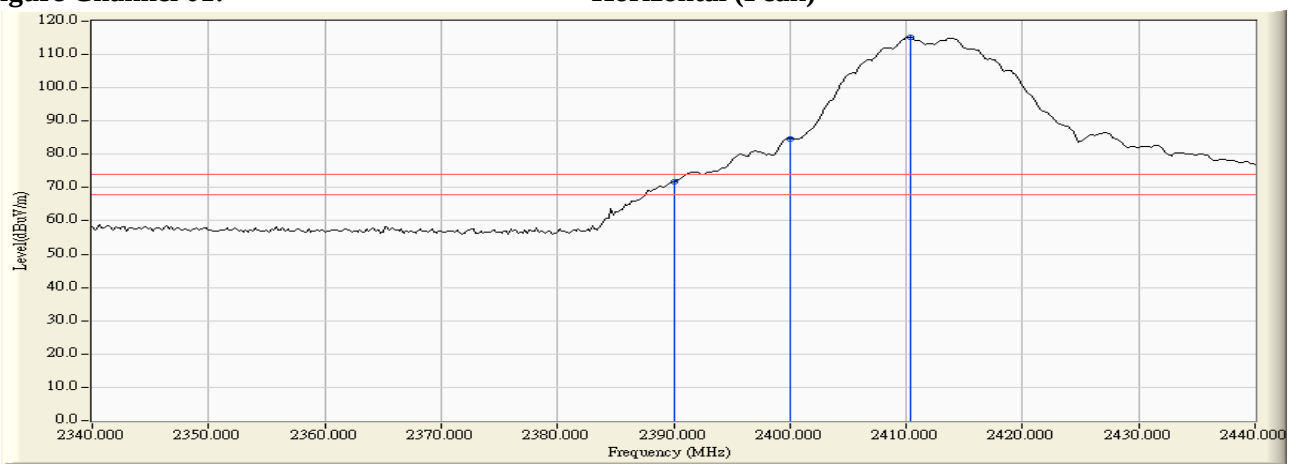
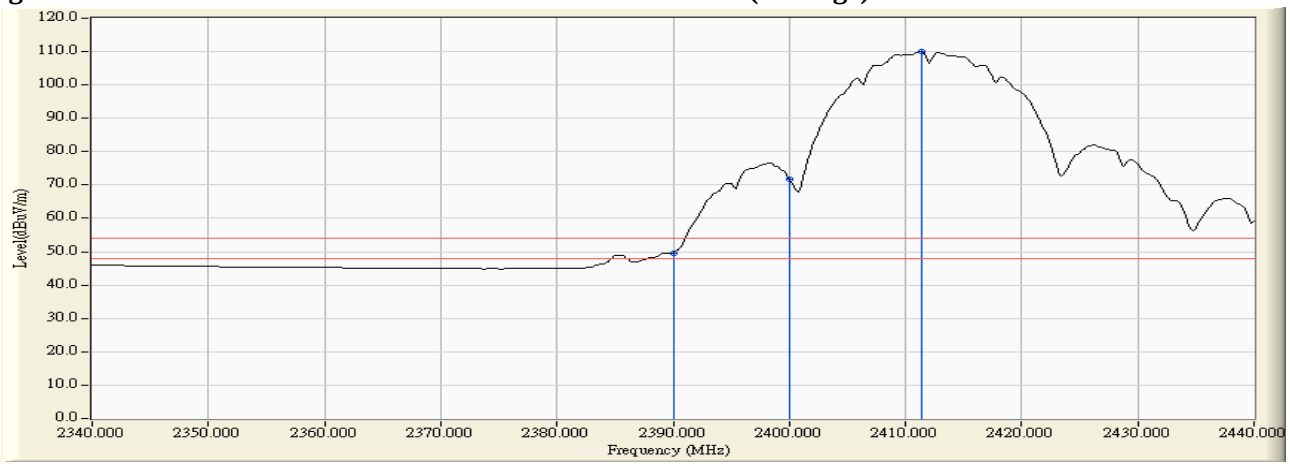


Figure Channel 01: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : Intel® Dual Band Wireless-AC 8260
Test Item : Band Edge
Test Site : No.3 OATS
Test Mode : Mode 2 SISO B: Transmit (802.11b 1Mbps)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Arerage Limit (dBuV/m)	Result
01 (Peak)	2390.000	32.267	35.238	67.505	74.00	54.00	Pass
01 (Peak)	2400.000	32.241	48.351	80.592	74.00	54.00	Pass
01 (Peak)	2410.200	32.244	78.857	111.101	--	--	Pass
01 (Average)	2390.000	32.267	14.236	46.503	74.00	54.00	Pass
01 (Average)	2400.000	32.241	35.319	67.560	74.00	54.00	Pass
01 (Average)	2411.400	32.247	73.634	105.880	--	--	Pass

Figure Channel 01: Vertical (Peak)

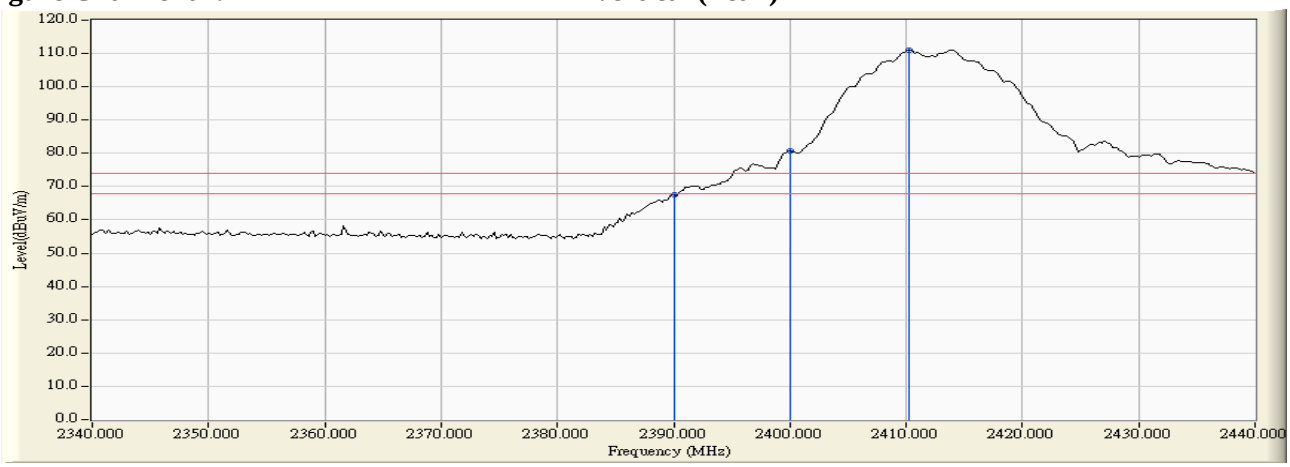
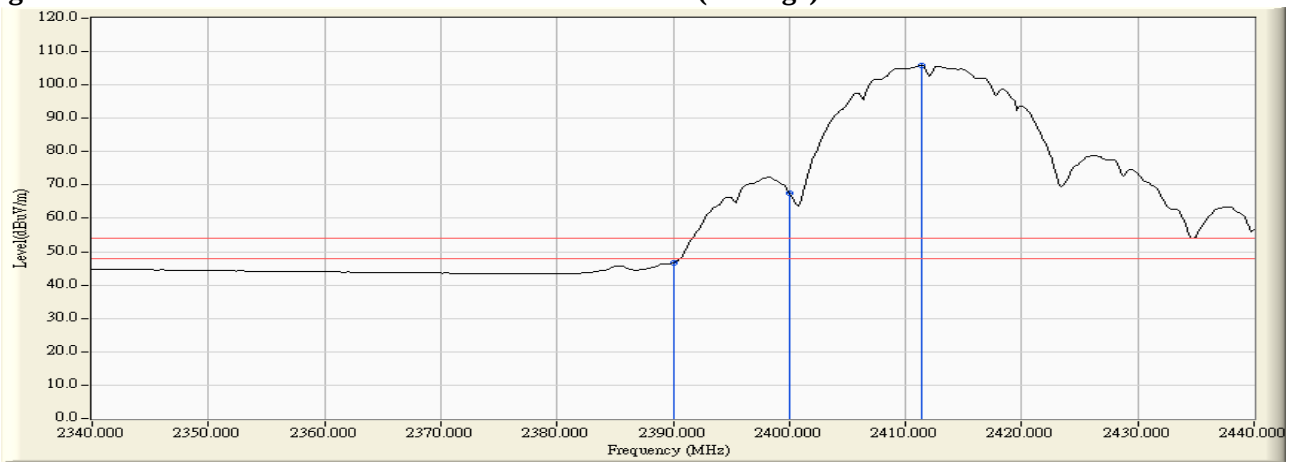


Figure Channel 01: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.