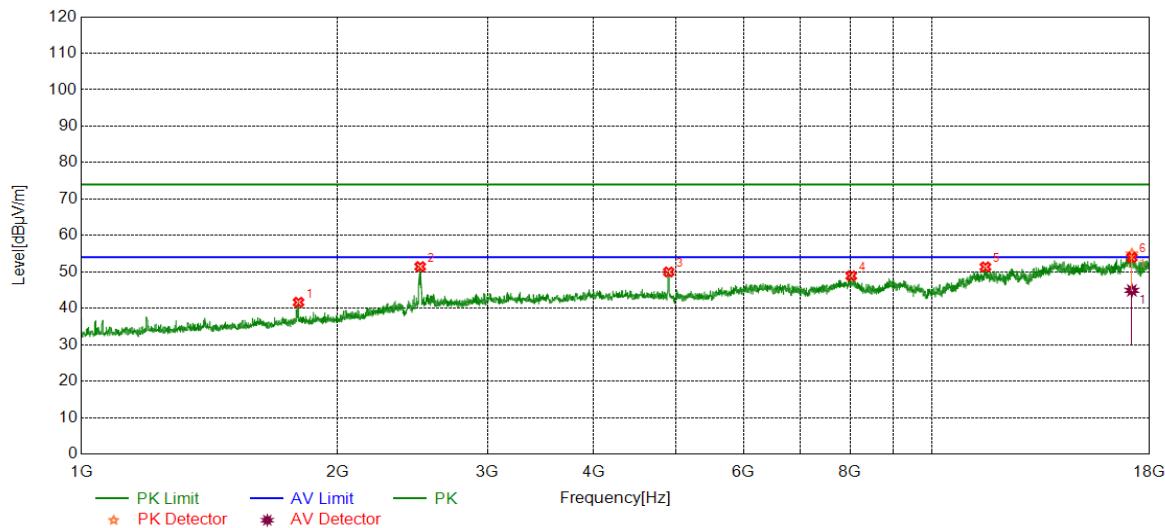


HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)

Test Mode	Channel	Polarization	Verdict
11G SISO	HCH	Horizontal	PASS

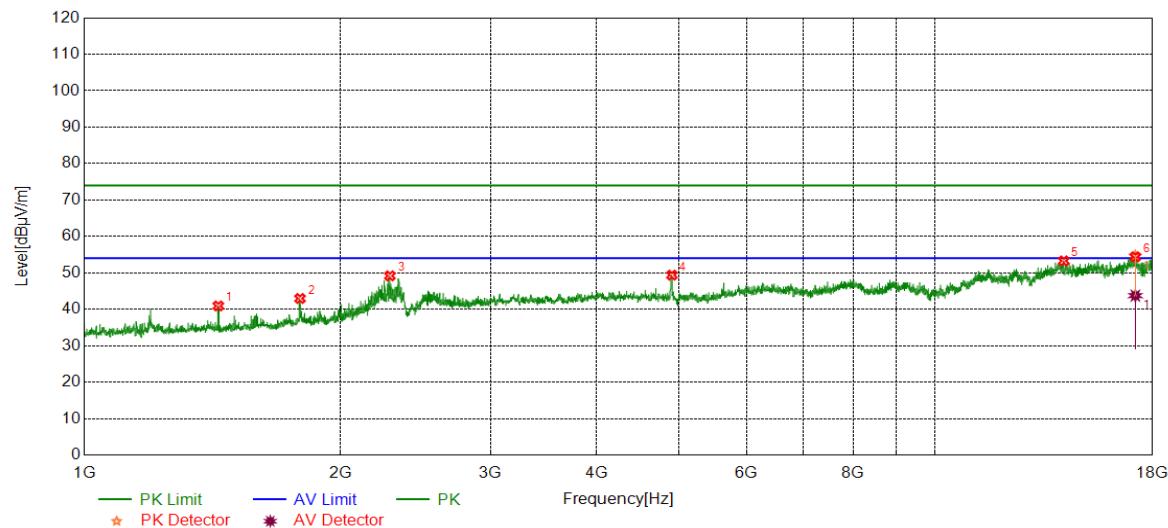


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1799.5999	41.65	74.00	-32.35	--	--	Peak
2	2501.1671	51.44	74.00	-22.56	--	--	Peak
3	4900.3167	49.97	74.00	-24.03	--	--	Peak
4	8028.3381	48.90	74.00	-25.10	--	--	Peak
5	11543.9240	51.36	74.00	-22.64	--	--	Peak
6	17154.8591	54.91	74.00	-19.09	--	--	Peak
		44.91	--	--	54.00	-9.09	Average

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. AVG: VBW=10Hz.
4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode	Channel	Polarization	Verdict
11G SISO	HCH	Vertical	PASS



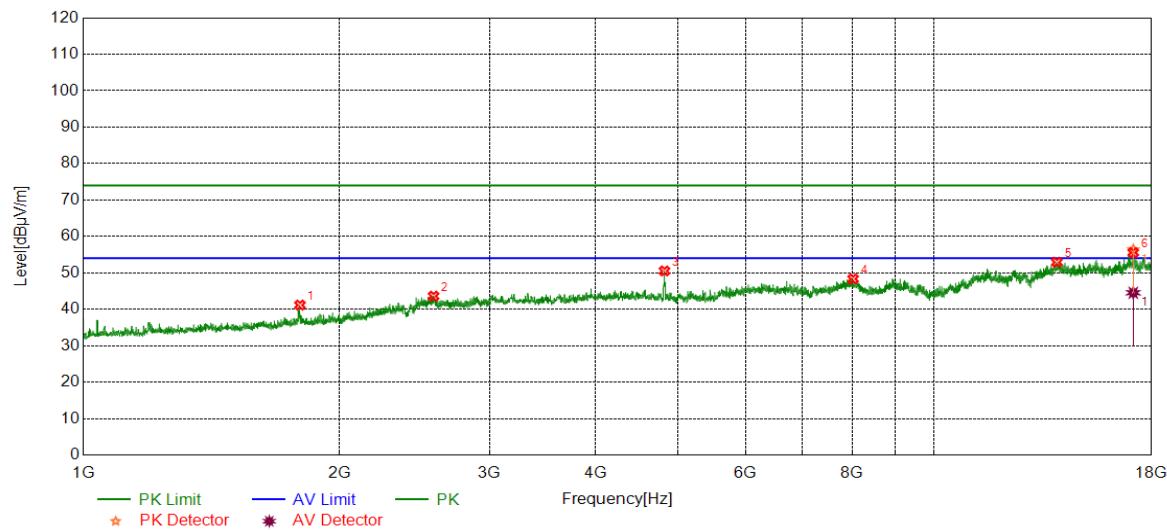
No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1436.8123	40.92	74.00	-33.08	--	--	Peak
2	1792.2641	42.97	74.00	-31.03	--	--	Peak
3	2285.7619	49.18	74.00	-24.82	--	--	Peak
4	4902.8171	49.38	74.00	-24.62	--	--	Peak
5	14154.3591	53.28	74.00	-20.72	--	--	Peak
6	17177.3629	54.61	74.00	19.39	--	--	Peak
		43.75	--	--	54.00	-10.25	Average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. AVG: VBW=10Hz.
 4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

9.2.3. 802.11n HT20 MODE

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)

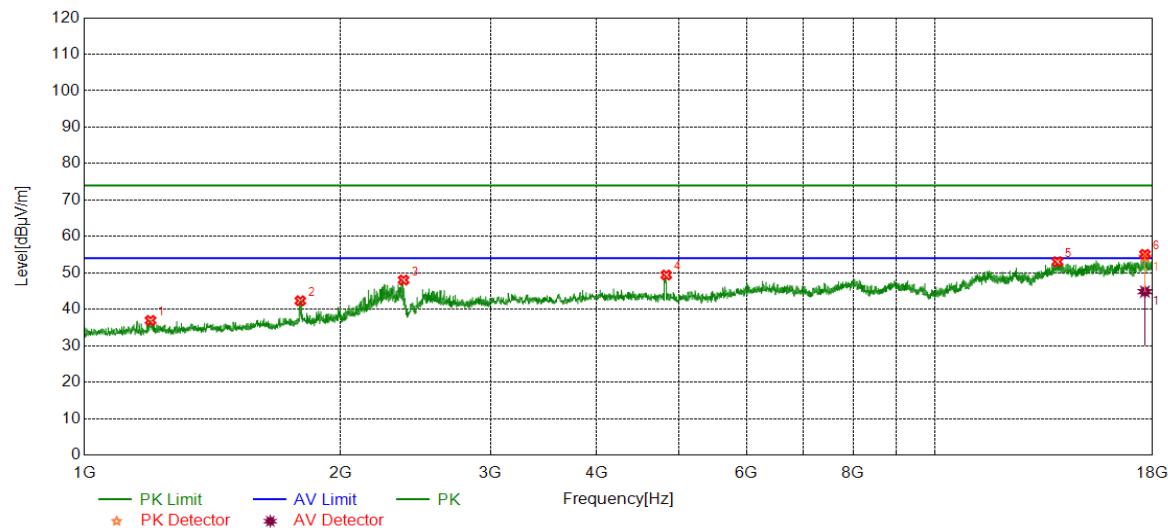
Test Mode	Channel	Polarization	Verdict
11N20SISO	LCH	Horizontal	PASS



No.	Frequency	Result (MHz)	Limit	Margin (Peak)	Limit	Margin (Ave)	Remark
	(MHz)		(dBuV/m)		(Ave)		
1	1796.9323	41.16	74.00	-32.84	--	--	Peak
2	2579.1931	43.61	74.00	-30.39	--	--	Peak
3	4817.8030	50.53	74.00	-23.47	--	--	Peak
4	8025.8376	48.34	74.00	-25.66	--	--	Peak
5	13929.3216	52.93	74.00	-21.07	--	--	Peak
6	17127.3546	56.35	74.00	-17.65	--	--	Peak
		44.54	--	--	54.00	-9.46	Average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. AVG: VBW=10Hz.
 4. Filter losses were only considered in the spurious frequency bands and the authorized Band was not corrected for BRF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode	Channel	Polarization	Verdict
11N20SISO	LCH	Vertical	PASS

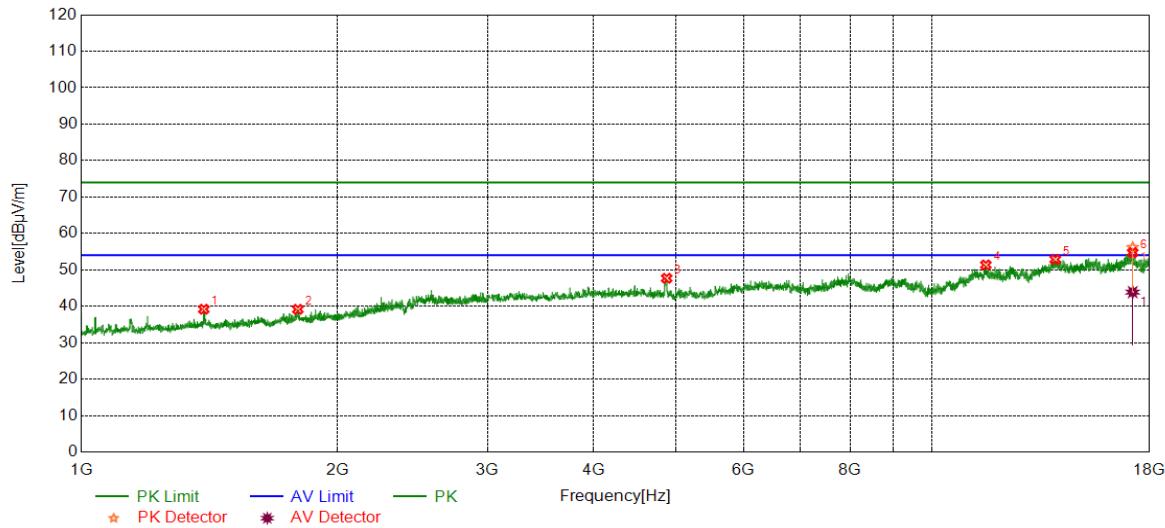


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1196.0654	36.94	74.00	-37.06	--	--	Peak
2	1793.5979	42.34	74.00	-31.66	--	--	Peak
3	2371.7906	48.04	74.00	-25.96	--	--	Peak
4	4827.8046	49.41	74.00	-24.59	--	--	Peak
5	13911.8186	53.07	74.00	-20.93	--	--	Peak
6	17629.9383	54.38	74.00	-19.62	--	--	Peak
		44.85	--	--	54.00	-9.15	Average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. AVG: VBW=10Hz.
 4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)

Test Mode	Channel	Polarization	Verdict
11N20SISO	MCH	Horizontal	PASS

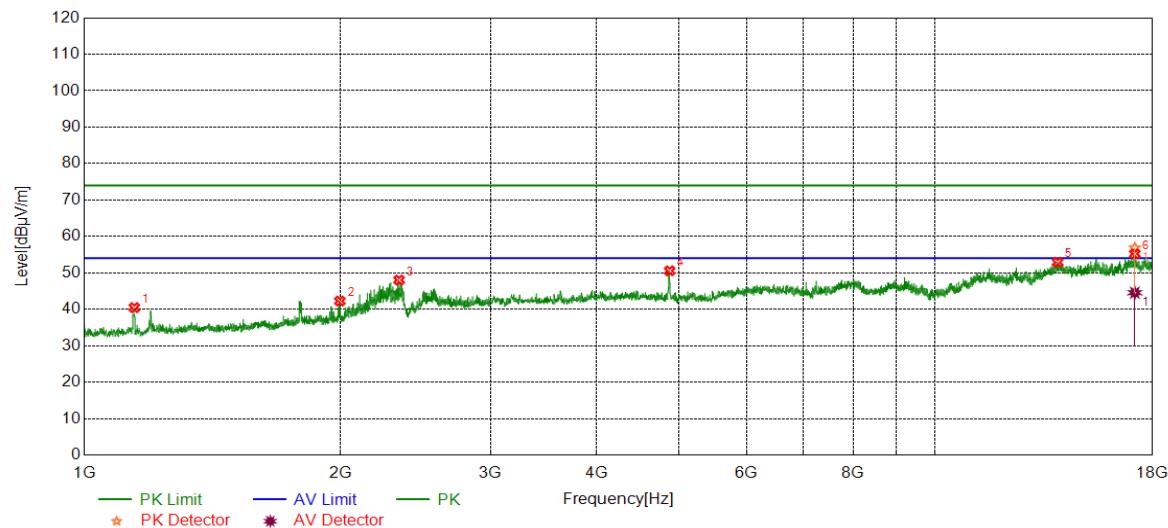


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1392.7976	39.20	74.00	-34.80	--	--	Peak
2	1796.2654	39.16	74.00	-34.84	--	--	Peak
3	4872.8121	47.69	74.00	-26.31	--	--	Peak
4	11556.4261	51.35	74.00	-22.65	--	--	Peak
5	13944.3241	52.87	74.00	-21.13	--	--	Peak
6	17192.3654	56.15	74.00	-17.85	--	--	Peak
		43.89	--	--	54.00	-10.11	Average

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. AVG: VBW=10Hz.
4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode	Channel	Polarization	Verdict
11N20SISO	MCH	Vertical	PASS



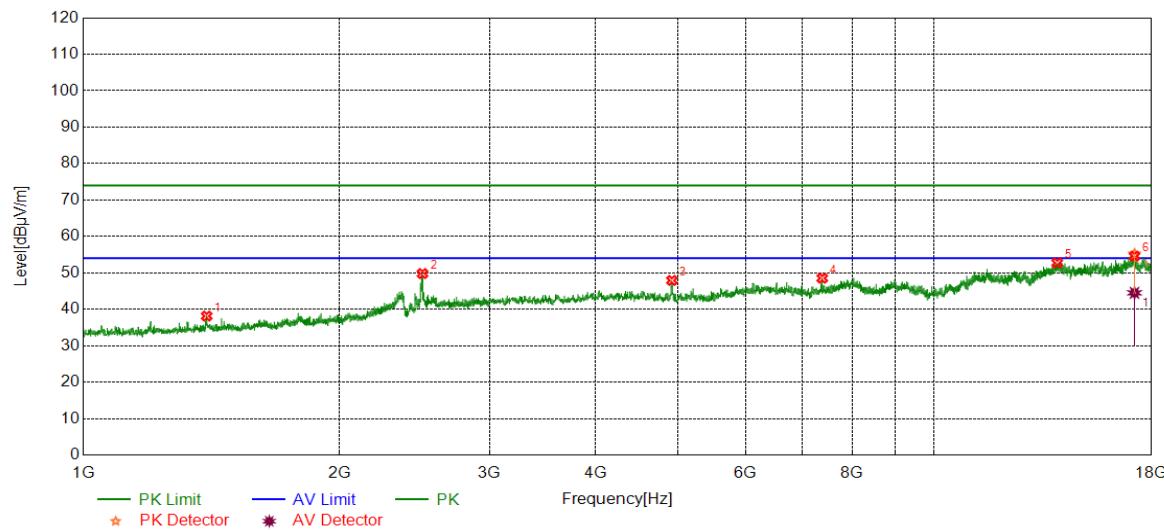
No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1144.7149	40.46	74.00	-33.54	--	--	Peak
2	1996.3321	42.26	74.00	-31.74	--	--	Peak
3	2343.1144	48.03	74.00	-25.97	--	--	Peak
4	4872.8121	50.56	74.00	-23.44	--	--	Peak
5	13919.3199	52.91	74.00	-21.09	--	--	Peak
6	17152.3587	56.86	74.00	-17.14	--	--	Peak
		44.55	--	--	54.00	-9.45	Average

Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. AVG: VBW=10Hz.
4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)

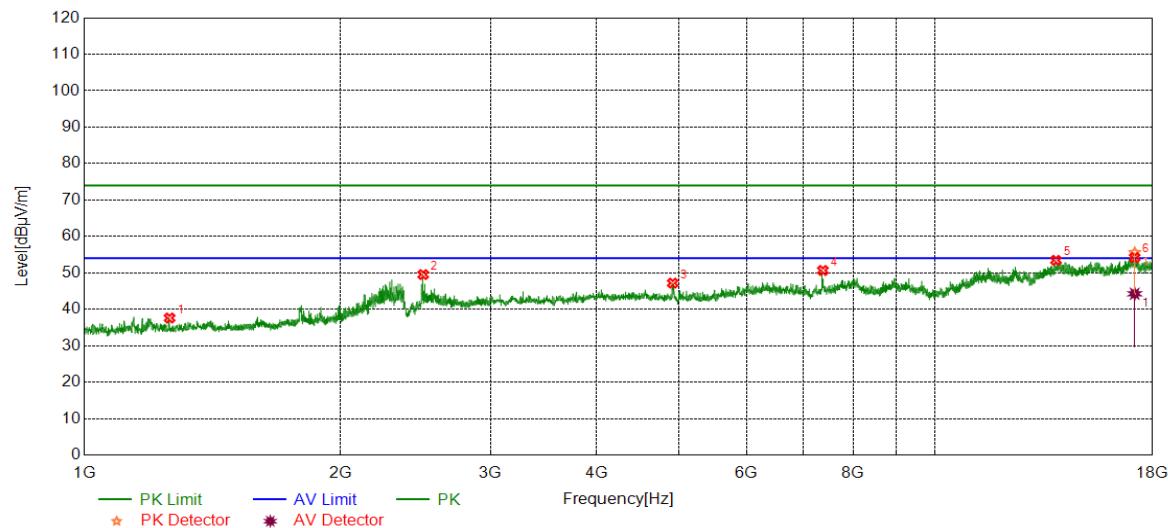
Test Mode	Channel	Polarization	Verdict
11N20SISO	HCH	Horizontal	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1396.1320	38.14	74.00	-35.86	--	--	Peak
2	2503.1677	49.81	74.00	-24.19	--	--	Peak
3	4915.3192	47.92	74.00	-26.08	--	--	Peak
4	7383.2305	48.54	74.00	-25.46	--	--	Peak
5	13941.8236	52.75	74.00	-21.25	--	--	Peak
6	17184.8641	55.19	74.00	-18.81	--	--	Peak
		44.51	--	--	54.00	-9.49	Average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. AVG: VBW=10Hz.
 4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode	Channel	Polarization	Verdict
11N20SISO	HCH	Vertical	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1259.4198	37.61	74.00	-36.39	--	--	Peak
2	2501.1671	49.53	74.00	-24.47	--	--	Peak
3	4912.8188	47.19	74.00	-26.81	--	--	Peak
4	7375.7293	50.66	74.00	-23.34	--	--	Peak
5	13856.8095	53.44	74.00	-20.56	--	--	Peak
6	17147.3579	55.59	74.00	-18.41	--	--	Peak
		44.26	--	--	54.00	-9.74	Average

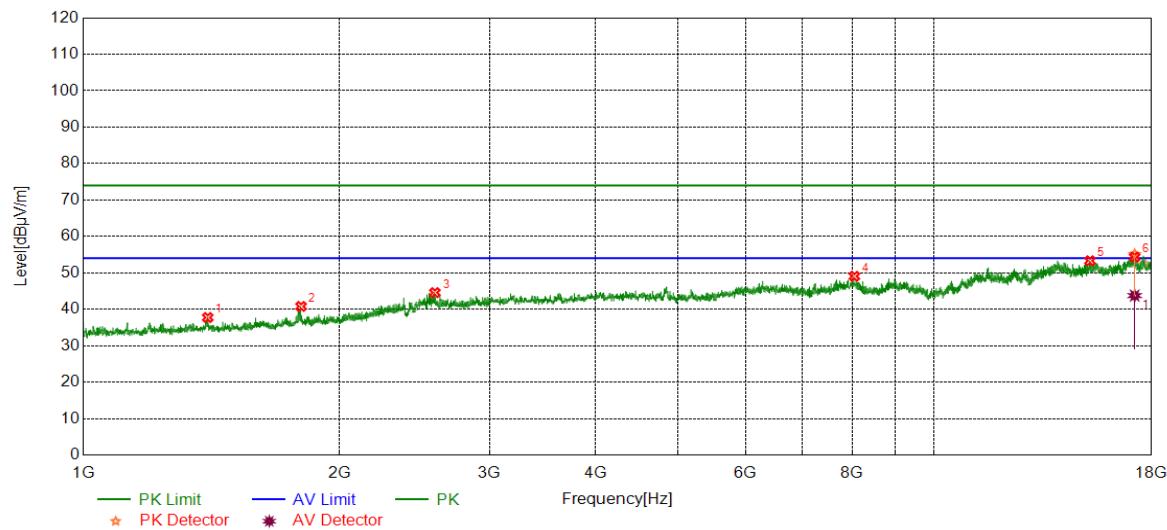
Note:

1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. AVG: VBW=10Hz.
4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

9.2.1. 802.11n HT40 MODE

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL)

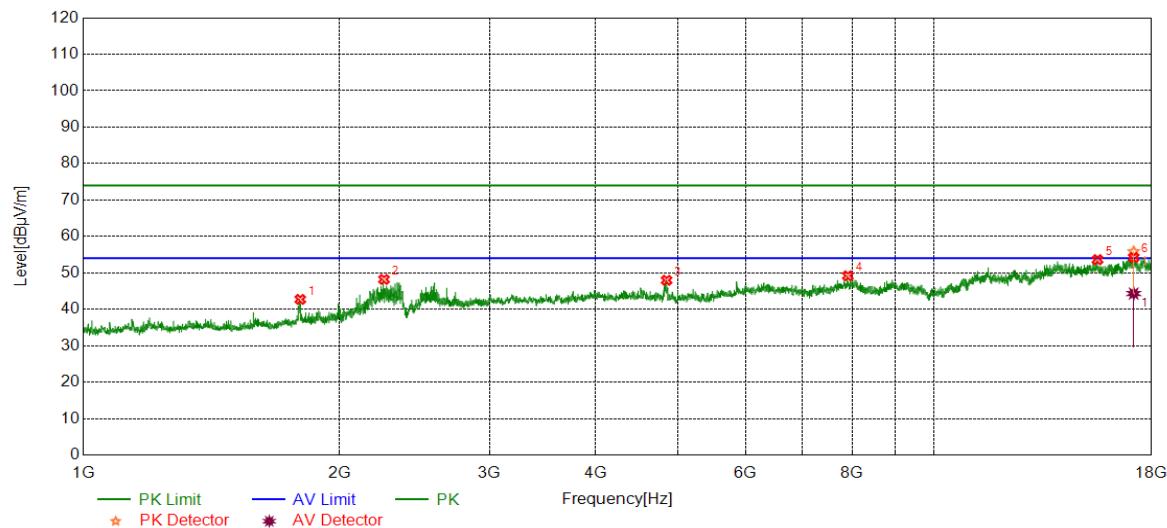
Test Mode	Channel	Polarization	Verdict
11N40SISO	LCH	Horizontal	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1400.1334	37.74	74.00	-36.26	--	--	Peak
2	1802.2674	40.79	74.00	-33.21	--	--	Peak
3	2588.5295	44.57	74.00	-29.43	--	--	Peak
4	8053.3422	49.06	74.00	-24.94	--	--	Peak
5	15237.0395	53.32	74.00	-20.68	--	--	Peak
6	17192.3654	55.07	74.00	-18.93	--	--	Peak
		43.76	--	--	54.00	-10.24	Average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. AVG: VBW=10Hz.
 4. Filter losses were only considered in the spurious frequency bands and the authorized Band was not corrected for BRF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode	Channel	Polarization	Verdict
11N40SISO	LCH	Vertical	PASS

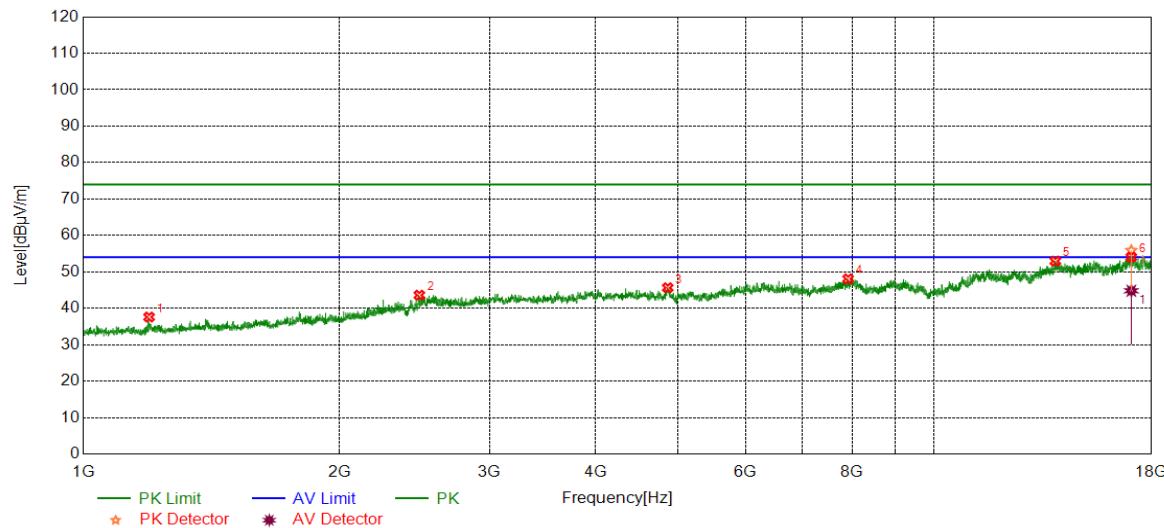


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1798.2661	42.72	74.00	-31.28	--	--	Peak
2	2255.7519	48.20	74.00	-25.80	--	--	Peak
3	4845.3076	47.97	74.00	-26.03	--	--	Peak
4	7913.3189	49.19	74.00	-24.81	--	--	Peak
5	15549.5916	53.63	74.00	-20.37	--	--	Peak
6	17147.3579	55.84	74.00	-18.16	--	--	Peak
		44.32	--	--	54.00	-9.68	Average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. AVG: VBW=10Hz.
 4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL)

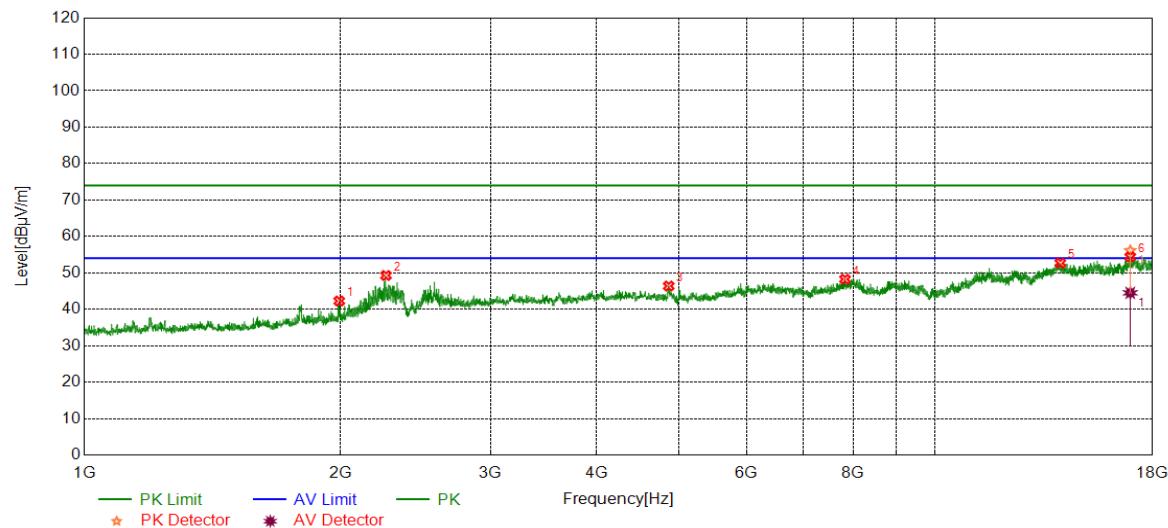
Test Mode	Channel	Polarization	Verdict
11N40SISO	MCH	Horizontal	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1194.7316	37.60	74.00	-36.40	--	--	Peak
2	2481.8273	43.61	74.00	-30.39	--	--	Peak
3	4860.3101	45.64	74.00	-28.36	--	--	Peak
4	7918.3197	48.07	74.00	-25.93	--	--	Peak
5	13871.8120	52.96	74.00	-21.04	--	--	Peak
6	17037.3396	55.91	74.00	-18.09	--	--	Peak
		44.81	--	--	54.00	-9.19	Average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. AVG: VBW=10Hz.
 4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode	Channel	Polarization	Verdict
11N40SISO	MCH	Vertical	PASS

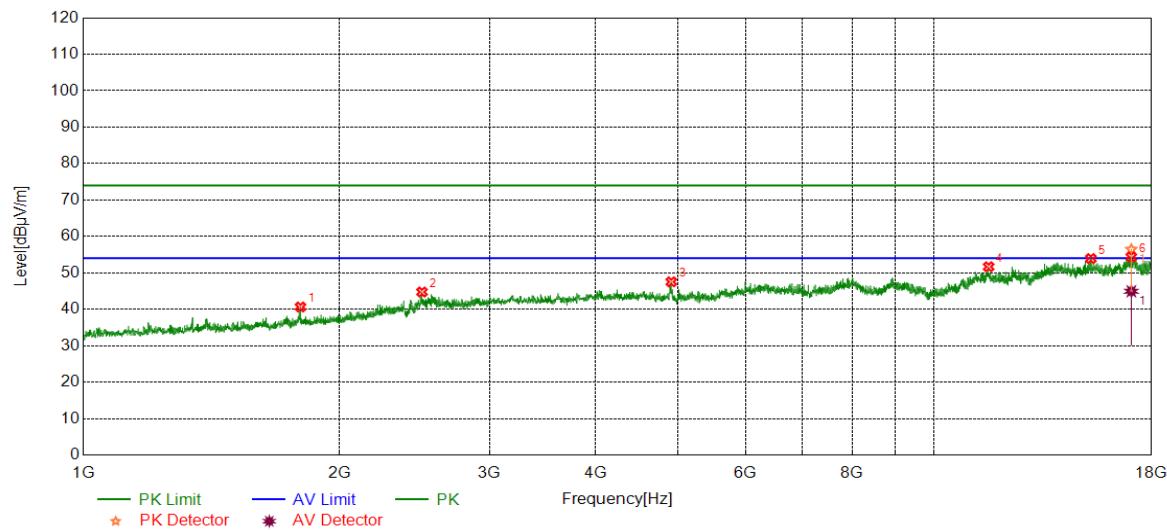


No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1992.9977	42.28	74.00	-31.72	--	--	Peak
2	2261.7539	49.28	74.00	-24.72	--	--	Peak
3	4860.3101	46.39	74.00	-27.61	--	--	Peak
4	7830.8051	48.26	74.00	-25.74	--	--	Peak
5	14021.8370	52.69	74.00	-21.31	--	--	Peak
6	16942.3237	56.13	74.00	-17.87	--	--	Peak
		44.51	--	--	54.00	-9.49	Average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. AVG: VBW=10Hz.
 4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL)

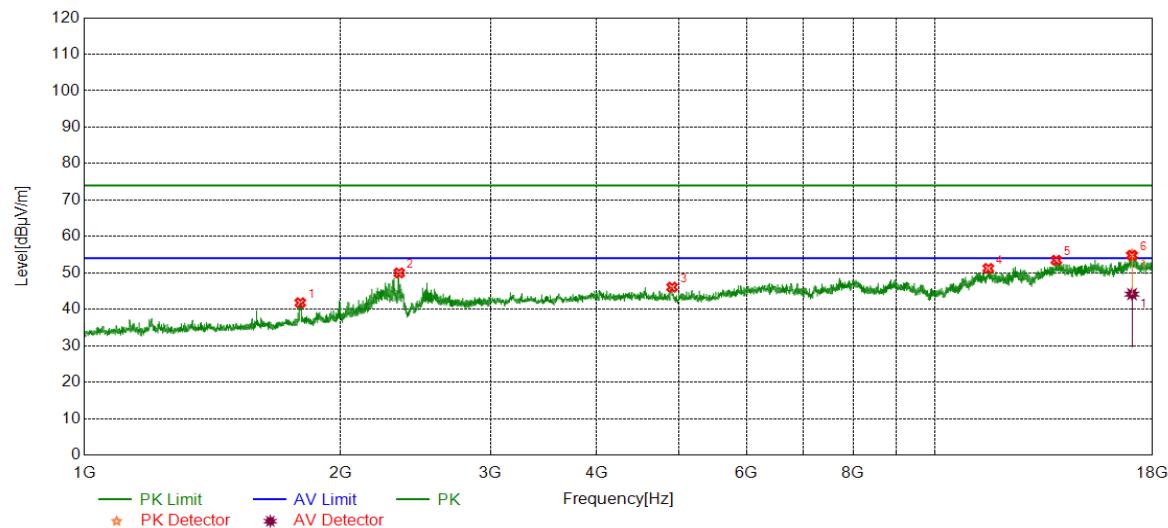
Test Mode	Channel	Polarization	Verdict
11N40SISO	HCH	Horizontal	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1799.5999	40.64	74.00	-33.36	--	--	Peak
2	2499.8333	44.75	74.00	-29.25	--	--	Peak
3	4907.8180	47.54	74.00	-26.46	--	--	Peak
4	11581.4302	51.68	74.00	-22.32	--	--	Peak
5	15272.0453	53.92	74.00	-20.08	--	--	Peak
6	17037.3396	56.47	74.00	-17.53	--	--	Peak
		44.95	--	--	54.00	-9.05	Average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. AVG: VBW=10Hz.
 4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

Test Mode	Channel	Polarization	Verdict
11N40SISO	HCH	Vertical	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV /m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	1793.5979	41.80	74.00	-32.20	--	--	Peak
2	2343.7813	49.98	74.00	-24.02	--	--	Peak
3	4905.3176	46.07	74.00	-27.93	--	--	Peak
4	11538.9232	51.22	74.00	-22.78	--	--	Peak
5	13871.8120	53.47	74.00	-20.53	--	--	Peak
6	17022.3371	54.95	74.00	-19.05	--	--	Peak
		44.16	--	--	54.00	-9.84	Average

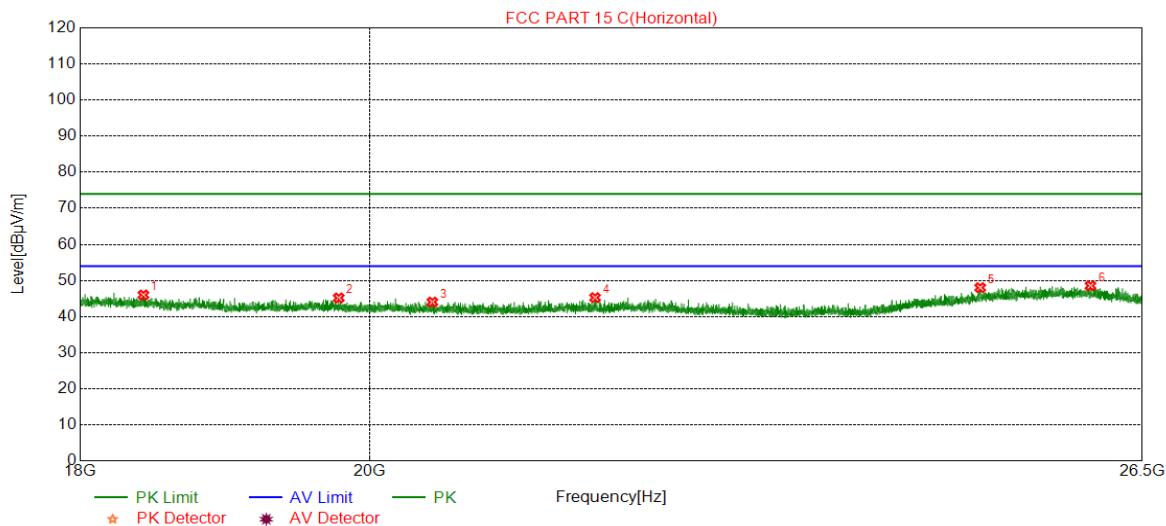
Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. AVG: VBW=10Hz.
 4. Filter losses were only considered in then spurious frequency bands and the authorized Band was not corrected for BRF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.

9.3. SPURIOUS EMISSIONS (18~25GHz)

9.3.1. 802.11G MODE

SPURIOUS EMISSIONS (MID CHANNEL)

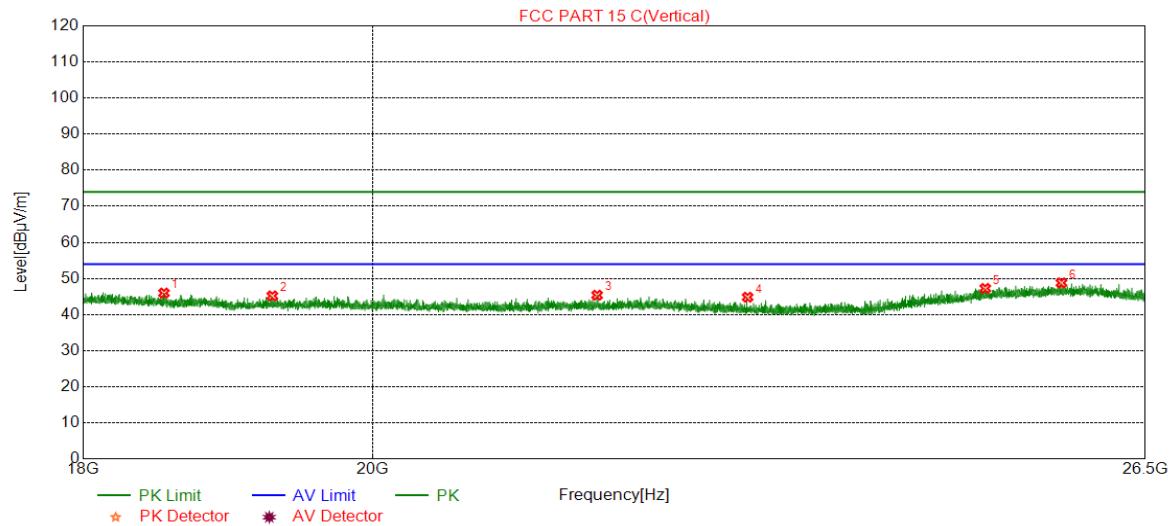
Test Mode	Channel	Polarization	Verdict
11G SISO	MCH	Horizontal	PASS



No.	Frequency (MHz)	Result (dB μ V /m)	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
			(dB μ V/m)	(dB)	(dB μ V/m)	(dB)	
1	18418.2418	45.98	74.00	-28.02	54.00	-8.02	peak
2	19776.6777	45.16	74.00	-28.84	54.00	-8.84	peak
3	20462.6963	44.02	74.00	-29.98	54.00	-9.98	peak
4	21712.3212	45.24	74.00	-28.76	54.00	-8.76	peak
5	24982.5983	48.01	74.00	-25.99	54.00	-5.99	peak
6	26006.9507	48.54	74.00	-25.46	54.00	-5.46	peak

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. Peak: Peak detector.
 4. Pre-testing all test modes and all test channels, but only data of the worst case is shown in this test report.

Test Mode	Channel	Polarization	Verdict
11G SISO	MCH	Vertical	PASS



No.	Frequency	Result	Limit (Peak)	Margin (Peak)	Limit (Ave)	Margin (Ave)	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV/m)	(dB)	
1	18536.4036	45.96	74.00	-28.04	54.00	-8.04	peak
2	19282.7783	45.18	74.00	-28.82	54.00	-8.82	peak
3	21704.6705	45.38	74.00	-28.62	54.00	-8.62	peak
4	22927.9428	44.82	74.00	-29.18	54.00	-9.18	peak
5	25001.3001	47.24	74.00	-26.76	54.00	-6.76	peak
6	25705.1705	48.78	74.00	-25.22	54.00	-5.22	peak

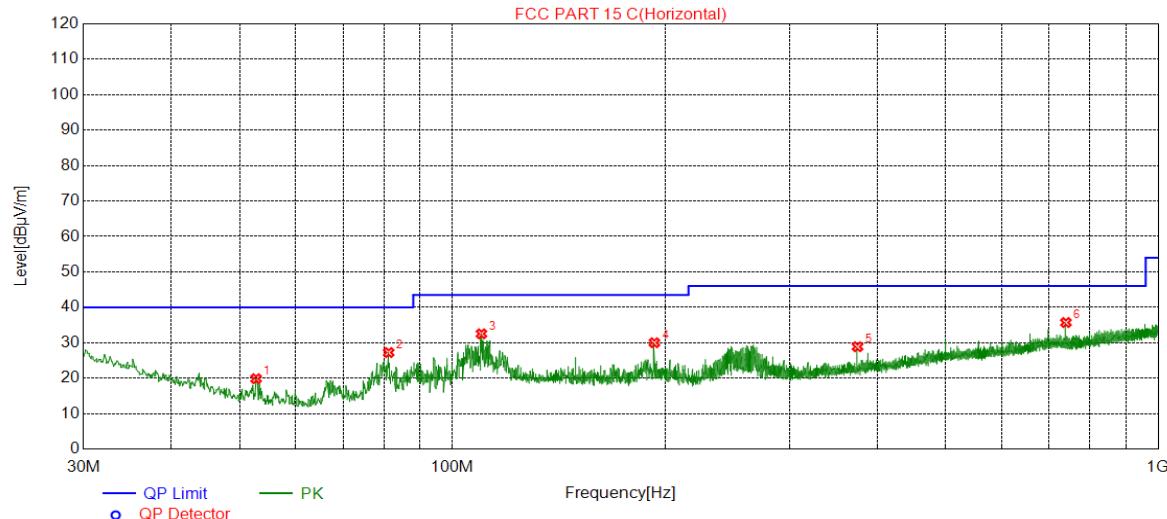
Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
 3. Peak: Peak detector.
 4. Pre-testing all test modes and all test channels, but only data of the worst case is shown in this test report.

9.4. SPURIOUS EMISSIONS (0.03 ~ 1 GHz)

9.4.1. 802.11G MODE

SPURIOUS EMISSIONS (MIG CHANNEL, HORIZONTAL)

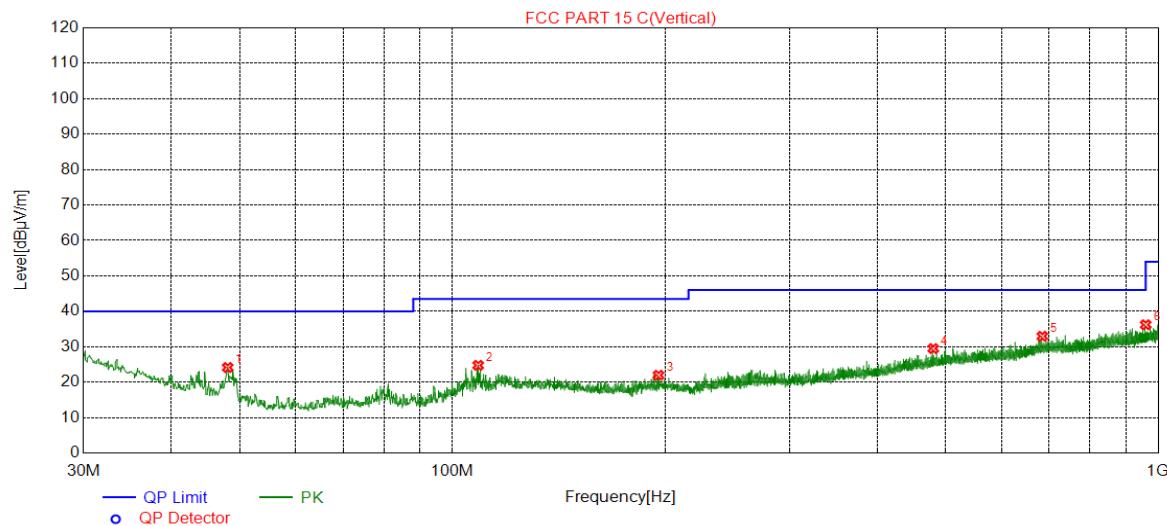
Test Mode	Channel	Polarization	Verdict
11G SISO	MCH	Horizontal	PASS



No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dB μ V/m)	(dB μ V/m)	(dB)	
1	52.7003	19.85	40.00	-20.15	QP
2	81.2211	27.23	40.00	-12.77	QP
3	109.9360	32.52	43.50	-10.98	QP
4	193.2673	30.00	43.50	-13.50	QP
5	374.9665	28.87	46.00	-17.13	QP
6	740.0140	35.70	46.00	-10.30	QP

Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
 3. Pre-testing all test modes and all test channels, but only data of the worst case is shown in this test report.

Test Mode	Channel	Polarization	Verdict
11G SISO	MCH	Vertical	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit	Margin (dB)	Remark
			(dBuV/m)		
1	48.0438	24.14	40.00	-15.86	QP
2	108.7719	24.75	43.50	-18.75	QP
3	195.8866	21.96	43.50	-21.54	QP
4	480.0280	29.48	46.00	-16.52	QP
5	685.2035	32.95	46.00	-13.05	QP
6	960.0320	36.21	54.00	-17.79	QP

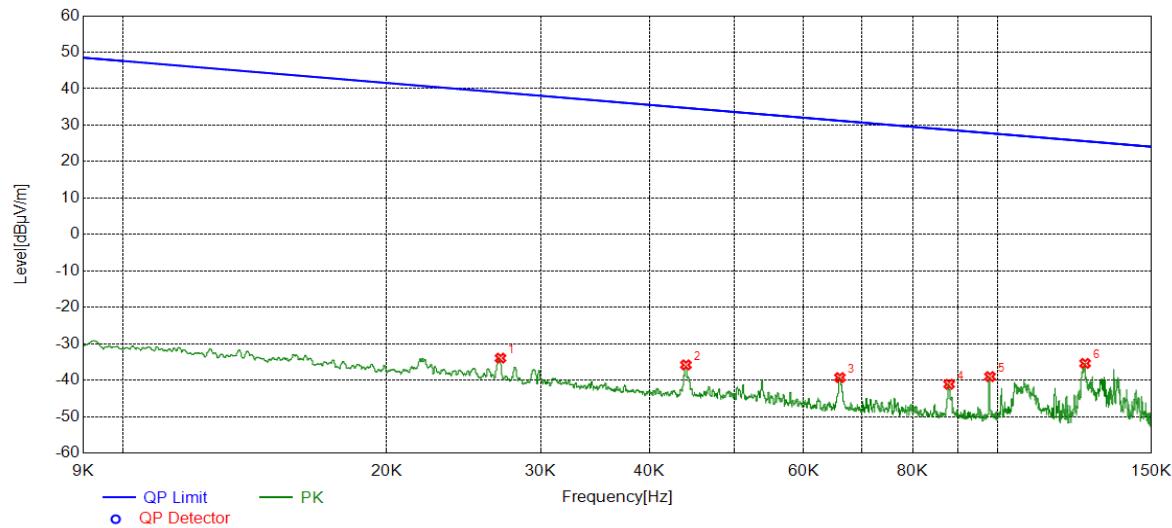
Note: 1. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
 2. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
 3. Pre-testing all test modes and all test channels, but only data of the worst case is shown in this test report.

9.5. SPURIOUS EMISSIONS BELOW 30M

9.5.1. 802.11G MODE

SPURIOUS EMISSIONS (MID CHANNEL)

Test Mode	Channel	Frequency Range	Verdict
11G SISO	MCH	9KHz~150KHz	PASS

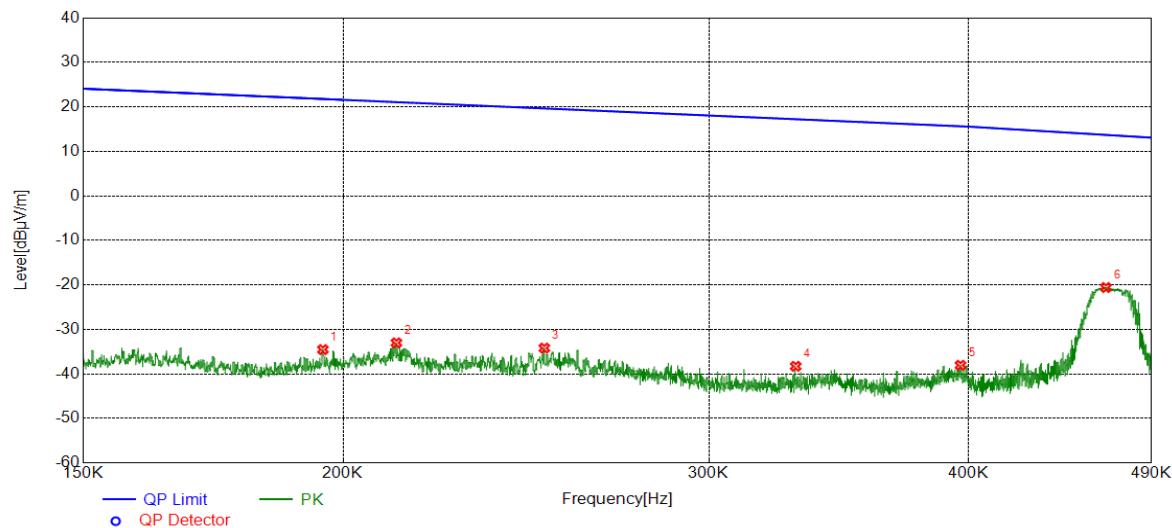


No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0270	-33.95	38.99	-72.94	Peak
2	0.0440	-35.81	34.73	-70.54	Peak
3	0.0660	-39.29	31.21	-70.50	Peak
4	0.0880	-41.11	28.72	-69.83	Peak
5	0.0980	-39.02	27.78	-66.80	Peak
6	0.1259	-35.40	25.61	-61.01	Peak

Note:

1. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Pre-testing all test modes and all test channels, but only data of the worst case is shown in this test report.

Test Mode	Channel	Frequency Range	Verdict
11G SISO	MCH	150KHz~490KHz	PASS

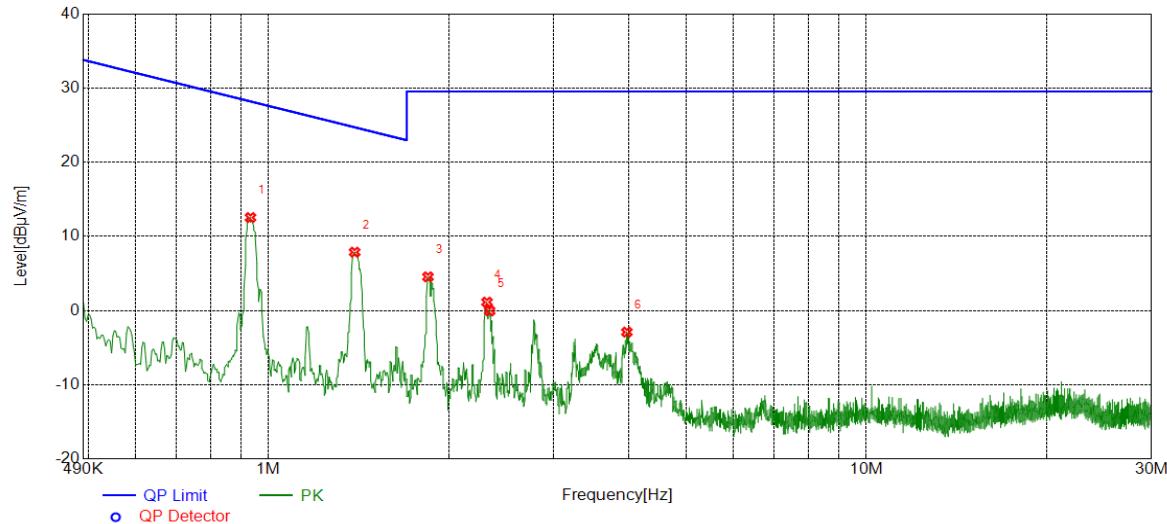


No.	Frequency	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1956	-34.53	21.77	-56.30	Peak
2	0.2122	-33.02	21.07	-54.09	Peak
3	0.2500	-34.20	19.64	-53.84	Peak
4	0.3303	-38.29	17.23	-55.52	Peak
5	0.3965	-38.06	15.64	-53.70	Peak
6	0.4658	-20.59	13.70	-34.29	Peak

Note:

1. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Pre-testing all test modes and all test channels, but only data of the worst case is shown in this test report.

Test Mode	Channel	Frequency Range	Verdict
11G SISO	MCH	490KHz~30MHz	PASS



No.	Frequency (MHz)	Result (dBuV/m)	Limit	Margin (dB)	Remark
			(dBuV/m)		
1	0.9327	12.54	28.21	-15.67	Peak
2	1.3931	7.87	24.72	-16.85	Peak
3	1.8476	4.55	29.54	-24.99	Peak
4	2.3198	1.14	29.54	-28.40	Peak
5	2.3434	-0.04	29.54	-29.58	Peak
6	3.9755	-2.90	29.54	-32.44	Peak

Note:

1. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
2. Pre-testing all test modes and all test channels, but only data of the worst case is shown in this test report.

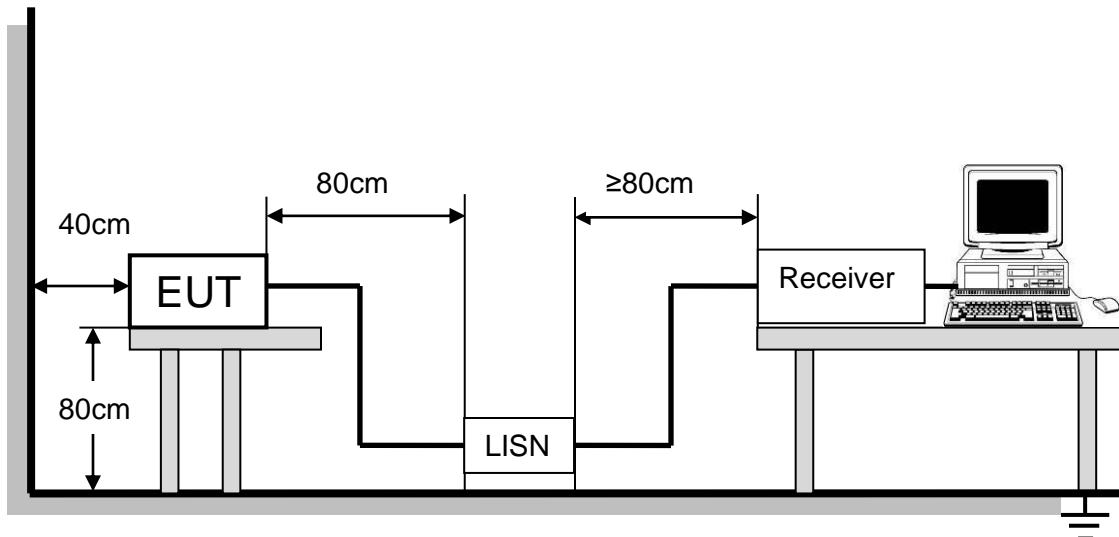
10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

FREQUENCY (MHz)	Class B (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) used to test the emissions from both sides of AC line. According to the requirements in Section 7 and 13 of ANSI C63.10-2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST ENVIRONMENT

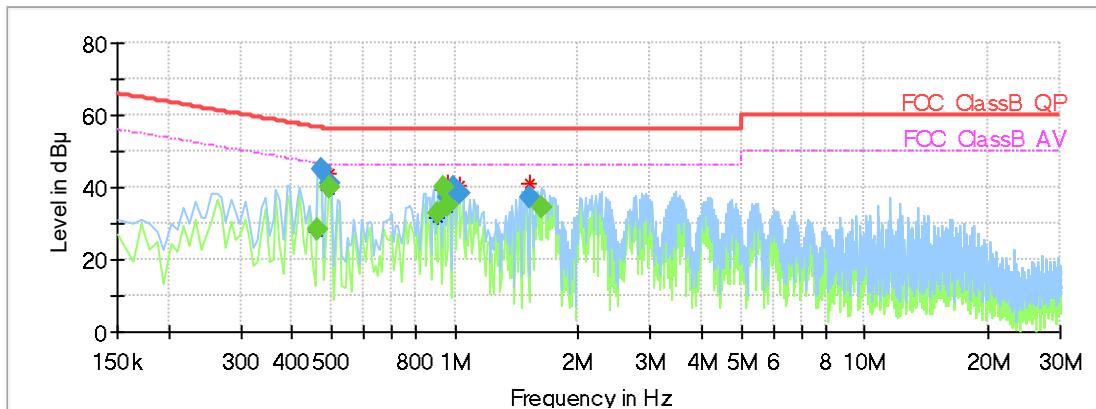
Temperature	25°C	Relative Humidity	58%
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Atmosphere Pressure	101kPa	Test Voltage	AC 120V
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TEST RESULTS

LINE N TEST RESULTS (WORST-CASE CONFIGURATION)

11G20 SISO	MCH	<Limit	PASS
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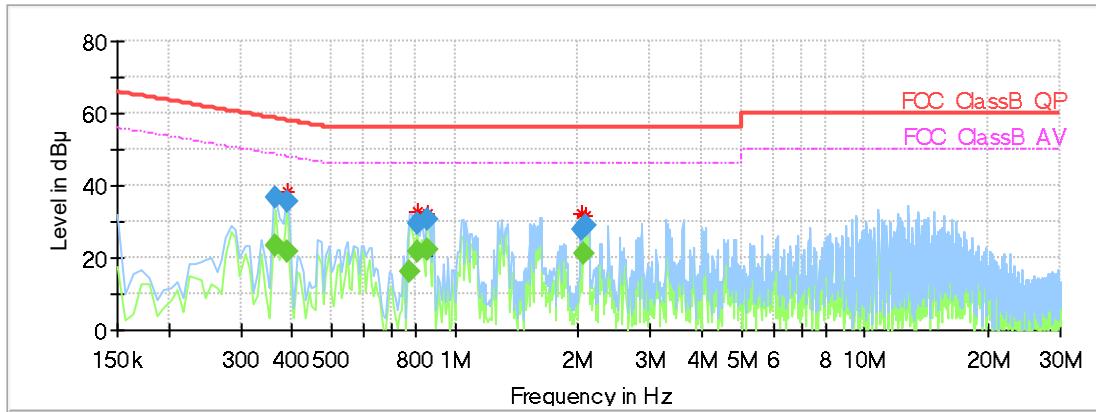
Final Result

Frequency (MHz)	QuasiPeak (dB μ V)	Average (dB μ V)	Limit (dB μ V)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.463425	---	28.44	46.63	18.20	1000.0	9.000	N	OFF	9.6
0.470888	45.00	---	56.50	11.50	1000.0	9.000	N	OFF	9.6
0.493275	---	39.83	46.11	6.28	1000.0	9.000	N	OFF	9.6
0.493275	41.30	---	56.11	14.82	1000.0	9.000	N	OFF	9.6
0.911175	---	32.65	46.00	13.35	1000.0	9.000	N	OFF	9.6
0.941025	---	39.75	46.00	6.25	1000.0	9.000	N	OFF	9.6
0.963413	37.05	---	56.00	18.95	1000.0	9.000	N	OFF	9.6
0.963413	---	35.10	46.00	10.90	1000.0	9.000	N	OFF	9.6
0.993263	40.18	---	56.00	15.82	1000.0	9.000	N	OFF	9.6
1.023113	38.52	---	56.00	17.48	1000.0	9.000	N	OFF	9.6
1.530563	37.30	---	56.00	18.70	1000.0	9.000	N	OFF	9.6
1.620113	---	34.39	46.00	11.61	1000.0	9.000	N	OFF	9.7

(continuation of the "Final_Result" table from column 15 ...)

LINE L TEST RESULTS (WORST-CASE CONFIGURATION)

11G20 SISO	MCH	<Limit	PASS
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Final_Result

Frequency (MHz)	QuasiPeak (dB μ V)	Average (dB μ V)	Limit (dB μ V)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.366413	---	23.12	48.58	25.46	1000.0	9.000	L1	OFF	9.6
0.366413	36.58	---	58.58	22.00	1000.0	9.000	L1	OFF	9.6
0.388800	---	21.75	48.09	26.34	1000.0	9.000	L1	OFF	9.6
0.388800	35.62	---	58.09	22.47	1000.0	9.000	L1	OFF	9.6
0.776850	---	16.09	46.00	29.91	1000.0	9.000	L1	OFF	9.6
0.806700	29.72	---	56.00	26.28	1000.0	9.000	L1	OFF	9.6
0.806700	---	21.47	46.00	24.53	1000.0	9.000	L1	OFF	9.6
0.858938	---	21.96	46.00	24.04	1000.0	9.000	L1	OFF	9.6
0.858938	30.45	---	56.00	25.55	1000.0	9.000	L1	OFF	9.6
2.030550	28.01	---	56.00	27.99	1000.0	9.000	L1	OFF	9.7
2.060400	---	21.03	46.00	24.97	1000.0	9.000	L1	OFF	9.7
2.082788	28.90	---	56.00	27.10	1000.0	9.000	L1	OFF	9.7

(continuation of the "Final_Result" table from column 15 ...)

Note:

1. Result = Reading +Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
5. Pre-testing all test modes and all test channels, but only data of the worst case is shown in this test report.

11. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

ANTENNA CONNECTOR

EUT has an Internal Antenna

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi.

END OF REPORT