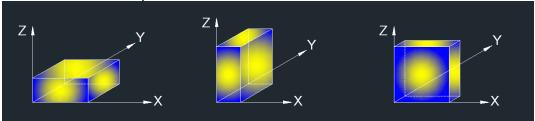


X axis, Y axis, Z axis positions:



Note: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worse case (X axis) data recorded in the report.



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# 8.2. RESTRICTED BANDEDGE

# **TEST ENVIRONMENT**

Temperature	21.6℃	Relative Humidity	56.2%
Atmosphere Pressure	101.5kpa	Test Voltage	DC5V

# **TEST RESULT TABLE**

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
	Antenna2	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11B	Antennaz	HCH	<limit< td=""><td>PASS</td></limit<>	PASS
	Antenna2	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11G	Antennaz	HCH	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT20 MIMO	Antenna1+2	нсн	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT40 MIMO	Antenna1+2	НСН	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11AX20 MIMO	Antenna1+2	НСН	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11AX40 MIMO	Antenna1+2	HCH	<limit< td=""><td>PASS</td></limit<>	PASS

#### Remark:

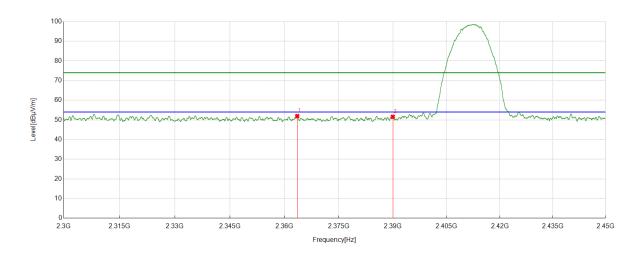
<sup>1)</sup> For this product, it has five antennas, but only three antennas for WF-M921U RF module, but only two antennas for WIFI function. For this WF-M921U RF module WIFI function, only the 802.11N HT20, 802.11N HT40, 802.11 AX20 and 802.11 AX40 modes can support both the SISO and MIMO technical. For the modes of 11B&11G only support SISO mode.

<sup>2)</sup> Through pre-testing both antennas of test modes of 11B and 11G, but only the data if worse case is included in this test report.



### **TEST GRAPHS**

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



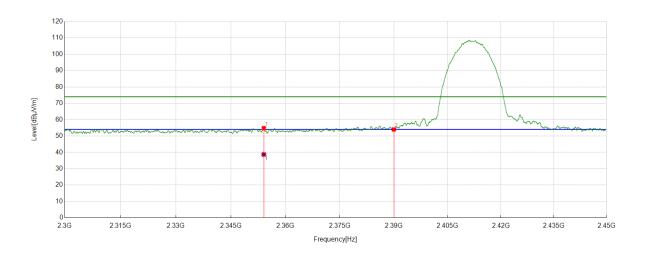
### PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2363.5142	41.96	9.97	51.93	74.00	22.07	Horizontal
2	2390.0000	41.22	10.35	51.57	74.00	22.43	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2354.0443	44.88	9.90	54.78	74.00	19.22	Vertical
2	2390.0000	43.64	10.35	53.99	74.00	20.01	Vertical

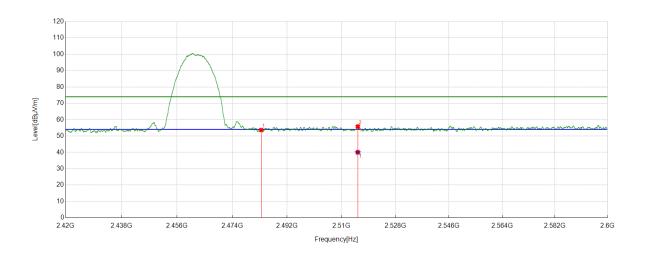
### AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2354.0443	28.82	9.90	38.72	54.00	15.28	Vertical

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode Channel		Polarization	Verdict	
11B	HCH	Horizontal	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	43.06	10.64	53.70	74.00	20.30	Horizontal
2	2515.4569	44.74	11.04	55.78	74.00	18.22	Horizontal

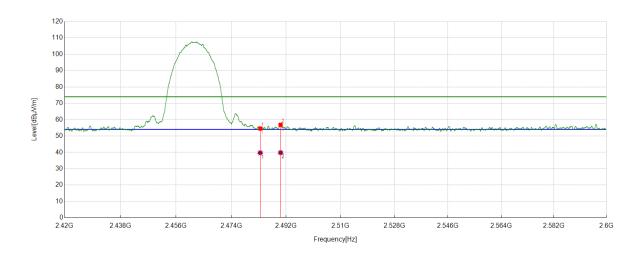
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2515.4569	29.03	11.04	40.07	54.00	13.93	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	43.92	10.64	54.56	74.00	19.44	Vertical
2	2490.2088	46.02	10.79	56.81	74.00	17.19	Vertical

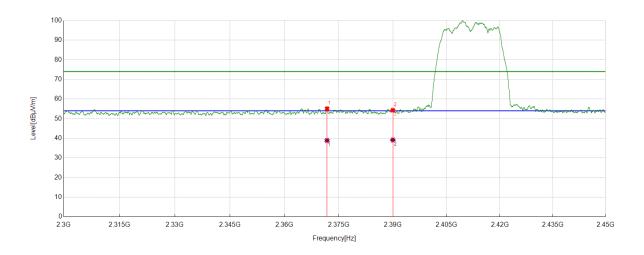
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	29.11	10.64	39.75	54.00	14.25	Vertical
2	2490.2088	29.05	10.79	39.84	54.00	14.16	Vertical

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2371.7465	44.96	10.15	55.11	74.00	18.89	Horizontal
2	2390.0000	43.94	10.35	54.29	74.00	19.71	Horizontal

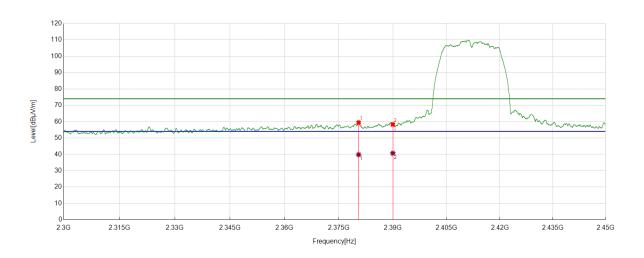
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2371.7465	28.72	10.15	38.87	54.00	15.13	Horizontal
2	2390.0000	28.80	10.35	39.15	54.00	14.85	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2380.4851	49.13	10.30	59.43	74.00	14.57	Vertical
2	2390.0000	47.95	10.35	58.30	74.00	15.70	Vertical

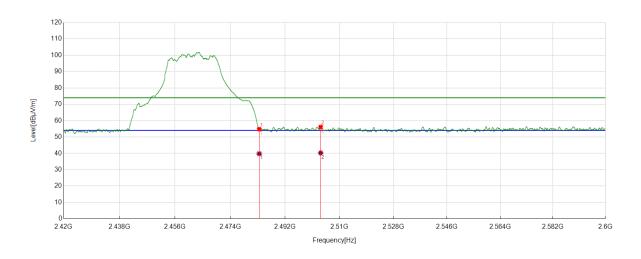
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2380.4851	29.55	10.30	39.85	54.00	14.15	Vertical
2	2390.0000	30.34	10.35	40.69	54.00	13.31	Vertical

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	44.14	10.64	54.78	74.00	19.22	Horizontal
2	2503.778	45.22	10.87	56.09	74.00	17.91	Horizontal

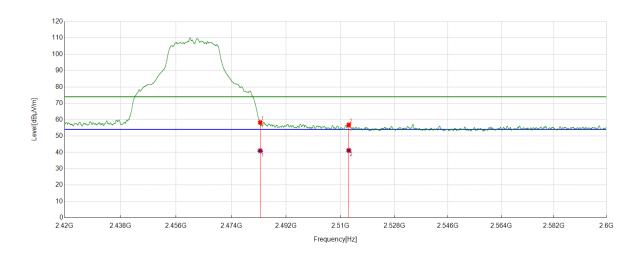
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	29.17	10.64	39.81	54.00	14.19	Horizontal
2	2503.778	29.42	10.87	40.29	54.00	13.71	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	47.60	10.64	58.24	74.00	15.76	Vertical
2	2512.7791	45.70	11.08	56.78	74.00	17.22	Vertical

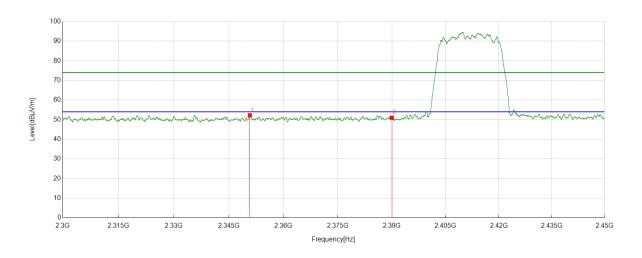
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	30.34	10.64	40.98	54.00	13.02	Vertical
2	2512.7791	30.09	11.08	41.17	54.00	12.83	Vertical

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS

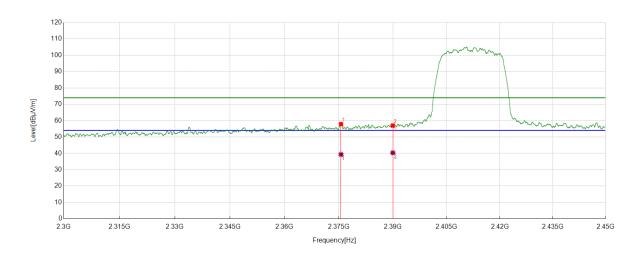


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2350.7626	42.31	9.91	52.22	74.00	21.78	Horizontal
2	2390.0000	40.65	10.35	51.00	74.00	23.00	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2375.6095	47.68	10.22	57.90	74.00	16.10	Vertical
2	2390.0000	46.62	10.35	56.97	74.00	17.03	Vertical

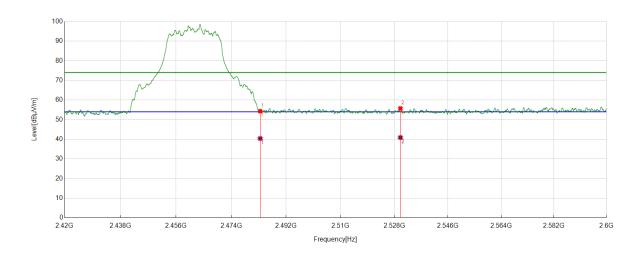
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2375.6095	29.11	10.22	39.33	54.00	14.67	Vertical
2	2390.0000	30.02	10.35	40.37	54.00	13.63	Vertical

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	43.66	10.64	54.30	74.00	19.70	Horizontal
2	2530.0163	44.37	11.34	55.71	74.00	18.29	Horizontal

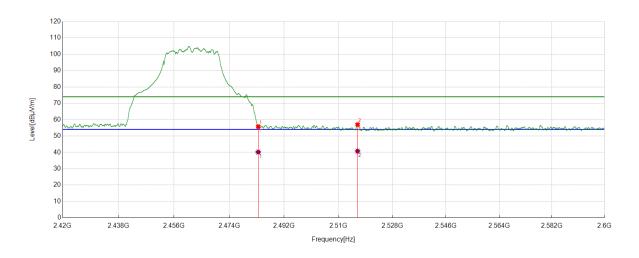
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	29.78	10.64	40.42	54.00	13.58	Horizontal
2	2530.0163	29.56	11.34	40.90	54.00	13.10	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	45.10	10.64	55.74	74.00	18.26	Vertical
2	2516.3795	45.93	11.03	56.96	74.00	17.04	Vertical

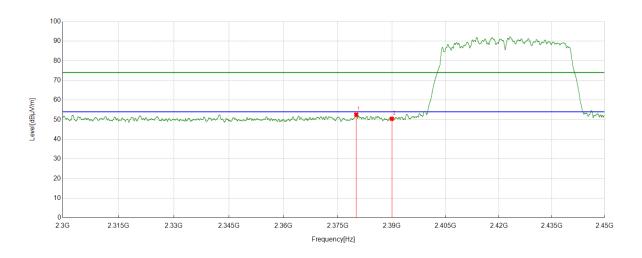
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	29.54	10.64	40.18	54.00	13.82	Vertical
2	2516.3795	29.71	11.03	40.74	54.00	13.26	Vertical

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict	
11N HT40	LCH	Horizontal	PASS	

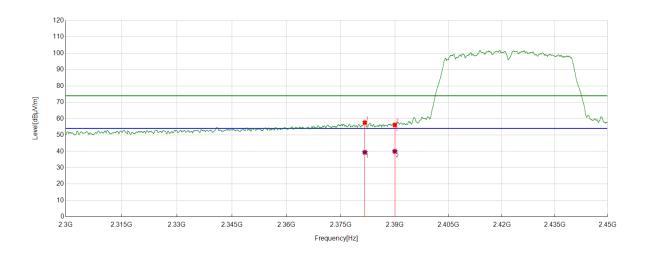


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2380.11	42.25	10.30	52.55	74.00	21.45	Horizontal
2	2390.0000	40.11	10.35	50.46	74.00	23.54	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict	
11N HT40	LCH	Vertical	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2381.6665	47.27	10.31	57.58	74.00	16.42	Vertical
2	2390.0000	45.80	10.35	56.15	74.00	17.85	Vertical

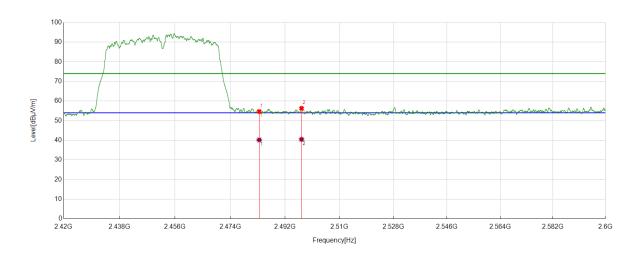
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2381.6665	29.13	10.31	39.44	54.00	14.56	Vertical
2	2390.0000	29.68	10.35	40.03	54.00	13.97	Vertical

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict	
11N HT40	HCH	Horizontal	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	43.99	10.64	54.63	74.00	19.37	Horizontal
2	2497.4547	45.55	10.74	56.29	74.00	17.71	Horizontal

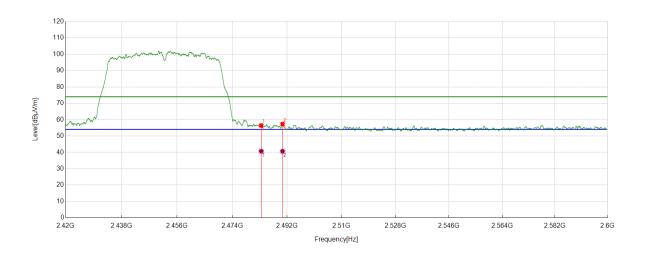
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	29.55	10.64	40.19	54.00	13.81	Horizontal
2	2497.4547	29.73	10.74	40.47	54.00	13.53	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	45.75	10.64	56.39	74.00	17.61	Horizontal
2	2490.5238	46.50	10.78	57.28	74.00	16.72	Horizontal

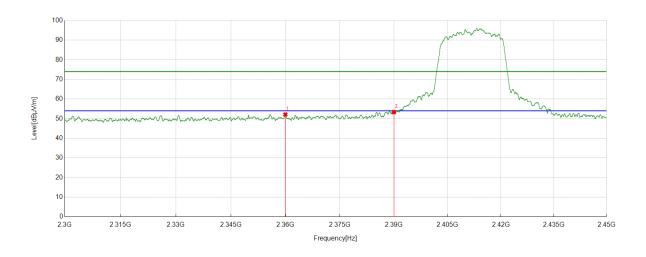
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	30.07	10.64	40.71	54.00	13.29	Horizontal
2	2490.5238	29.89	10.78	40.67	54.00	13.33	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX20	LCH	Horizontal	PASS

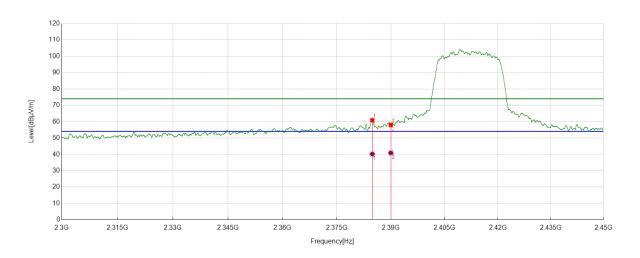


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2359.97	42.20	9.90	52.10	74.00	21.90	Horizontal
2	2390.0000	42.98	10.35	53.33	74.00	20.67	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX20	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2384.8356	50.55	10.32	60.87	74.00	13.13	Vertical
2	2390.0000	47.68	10.35	58.03	74.00	15.97	Vertical

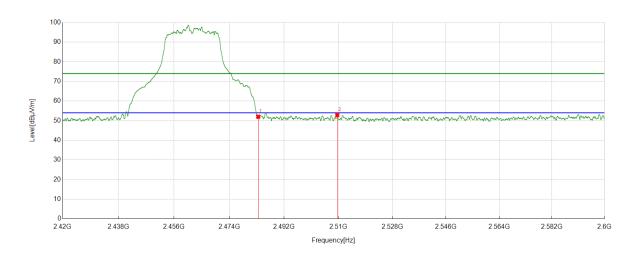
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2384.8356	29.89	10.32	40.21	54.00	13.79	Vertical
2	2390.0000	30.55	10.35	40.90	54.00	13.10	Vertical

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX20	HCH	Horizontal	PASS

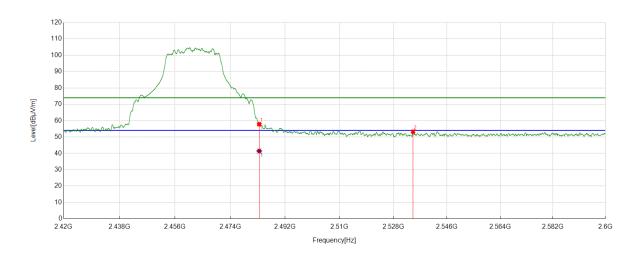


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	41.37	10.64	52.01	74.00	21.99	Horizontal
2	2509.6287	41.78	11.09	52.87	74.00	21.13	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX20	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	47.18	10.64	57.82	74.00	16.18	Vertical
2	2534.5843	41.96	11.32	53.28	74.00	20.72	Vertical

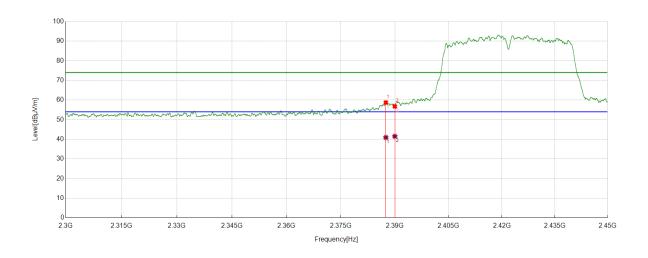
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	30.79	10.64	41.43	54.00	12.57	Vertical

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX40	LCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2387.4984	48.36	10.34	58.70	74.00	15.30	Horizontal
2	2390.0000	46.42	10.35	56.77	74.00	17.23	Horizontal

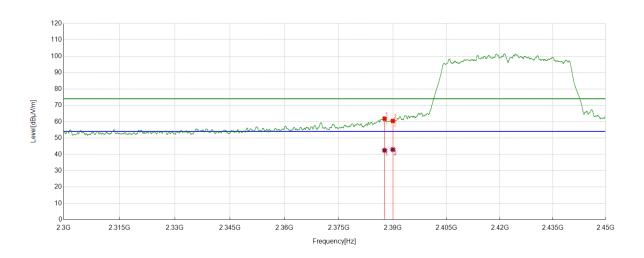
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2387.4984	30.59	10.34	40.93	54.00	13.07	Vertical
2	2390.0000	31.17	10.35	41.52	54.00	12.48	Vertical

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX40	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2387.7047	51.49	10.33	61.82	74.00	12.18	Vertical
2	2390.0000	50.11	10.35	60.46	74.00	13.54	Vertical

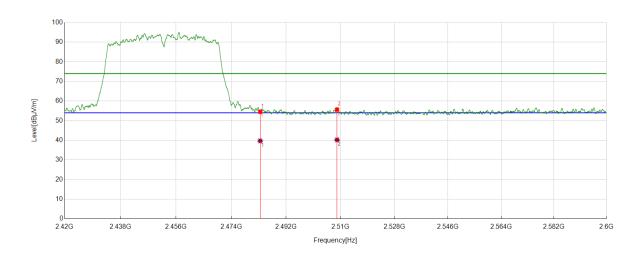
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2387.7047	32.14	10.33	42.47	54.00	11.53	Vertical
2	2390.0000	32.58	10.35	42.93	54.00	11.07	Vertical

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX40	HCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	43.89	10.64	54.53	74.00	19.47	Horizontal
2	2508.8861	44.58	11.06	55.64	74.00	18.36	Horizontal

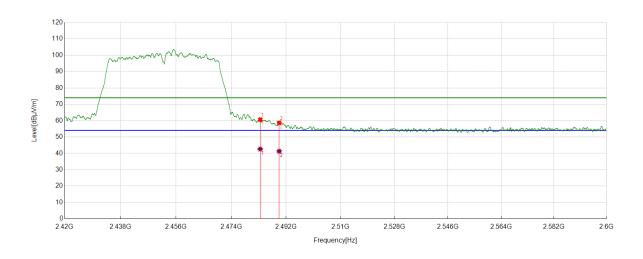
# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	29.07	10.64	39.71	54.00	14.29	Horizontal
2	2508.8861	29.16	11.06	40.22	54.00	13.78	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	50.02	10.64	60.66	74.00	13.34	Horizontal
2	2489.7362	47.85	10.79	58.64	74.00	15.36	Horizontal

# **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	32.01	10.64	42.65	54.00	11.35	Horizontal
2	2489.7362	30.52	10.79	41.31	54.00	12.69	Horizontal

- 2. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 3. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Attenuator) – Amplifier Gain.
- 4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



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# 8.3. SPURIOUS EMISSIONS

# Test Result Table:

I) For 1GHz~3GHz

Temperature	21.6℃	Relative Humidity	56.2%
Atmosphere Pressure	101.5kpa	Test Voltage	DC5V

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11B SISO	Antenna 2	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11G SISO	Antenna 2	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT20	Antenna 1+2	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
MIMO		HCH	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT40	Antenna 1+2	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
MIMO		HCH	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11AX20	Antenna 1+2	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
MIMO		HCH	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11AX40	Antenna 1+2	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
MIMO		HCH	<limit< td=""><td>PASS</td></limit<>	PASS

### Remark:

1) For this product, it has five antennas, but only three antennas for WF-M921U RF module, but only two antennas for WIFI function. For this WF-M921U RF module WIFI function, only the 802.11N HT20, 802.11N HT40, 802.11 AX20 and 802.11 AX40 modes can support both the SISO and MIMO technical. For the modes of 11B&11G only support SISO mode.

2) Through pre-testing both antennas of test modes of 11B and 11G, but only the data if worse case is included in this test report.

### II)For 3GHz~18GHz

Temperature	21.6℃	Relative Humidity	56.2%
Atmosphere Pressure	101.5kpa	Test Voltage	DC5V

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11B SISO	Antenna 2	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	<limit< td=""><td>PASS</td></limit<>	PASS
	Antenna 2	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11G SISO		MCH	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	<limit< td=""><td>PASS</td></limit<>	PASS

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		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT20	Antenna 1+2	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
MIMO		HCH	<limit< td=""><td>PASS</td></limit<>	PASS
		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11N HT40	Antenna 1+2	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
MIMO		HCH	<limit< td=""><td>PASS</td></limit<>	PASS
	Antenna 1+2	LCH	<limit< td=""><td>PASS</td></limit<>	PASS
11AX20		MCH	<limit< td=""><td>PASS</td></limit<>	PASS
MIMO		HCH	<limit< td=""><td>PASS</td></limit<>	PASS
11AX40 MIMO		LCH	<limit< td=""><td>PASS</td></limit<>	PASS
	Antenna 1+2	MCH	<limit< td=""><td>PASS</td></limit<>	PASS
		HCH	<limit< td=""><td>PASS</td></limit<>	PASS

#### Remark:

- 1) For this product, it has five antennas, but only three antennas for WF-M921U RF module, but only two antennas for WIFI function. For this WF-M921U RF module WIFI function, only the 802.11N HT20, 802.11N HT40, 802.11 AX20 and 802.11 AX40 modes can support both the SISO and MIMO technical. For the modes of 11B&11G only support SISO mode.
- 2) Through pre-testing both antennas of test modes of 11B and 11G, but only the data if worse case is included in this test report.

### III)For 18GHz~26.5GHz

Temperature	21.6℃	Relative Humidity	56.2%
Atmosphere Pressure	101.5kpa	Test Voltage	DC5V

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna 2	MCH	<limit< th=""><th>PASS</th></limit<>	PASS

### Remark:

1) Through pre-testing all antennas, test modes and test channels, but only the data of the worst case is included in this test report.

### IV)For 30MHz~1GHz

Temperature	19.4℃	Relative Humidity	68.9%
Atmosphere Pressure	101kpa	Test Voltage	DC5V

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict	
11B	Antenna 2	MCH	<limit< th=""><th>PASS</th></limit<>	PASS	

#### Remark:

1) Through pre-testing all antennas, test modes and test channels, but only the data of the worst case is included in this test report.

#### V)For 9KHz~30MHz

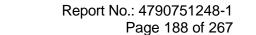
Temperature	19.4℃	Relative Humidity	68.9%
Atmosphere Pressure	101kpa	Test Voltage	DC5V

Test Mode	est Mode Test Antenna C		Puw(dBm)	Verdict	
11B	11B Antenna 2		<limit< th=""><th>PASS</th></limit<>	PASS	

#### Remark:

1) Through pre-testing all antennas, test modes and test channels, but only the data of the worst case is included in this test report.

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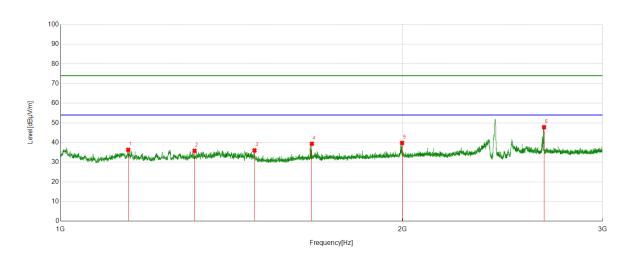




# Part I: 1GHz~3GHz

# HARMONICS AND SPURIOUS EMISSIONS

Test Mode Channel		Polarization	Verdict	
11B LCH		Horizontal	PASS	

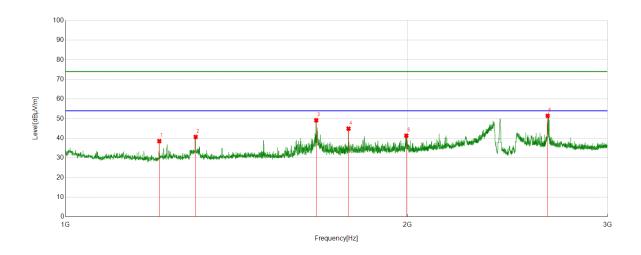


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1147.0184	57.66	-21.34	36.32	74.00	37.68	peak
2	1312.039	56.28	-20.49	35.79	74.00	38.21	peak
3	1481.5602	55.81	-19.80	36.01	74.00	37.99	peak
4	1664.333	57.62	-18.23	39.39	74.00	34.61	peak
5	1998.3748	56.11	-16.30	39.81	74.00	34.19	peak
6	2664.7081	61.06	-13.24	47.82	74.00	26.18	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict	
11B LCH		Vertical	PASS	

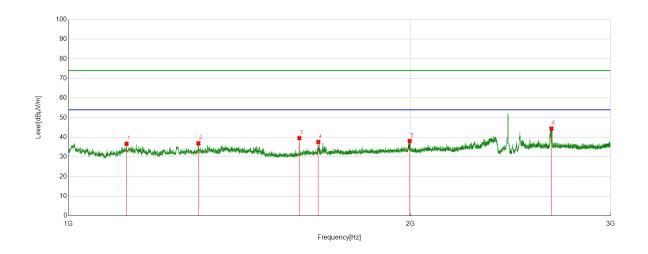


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1209.2762	60.27	-21.69	38.58	74.00	35.42	peak
2	1301.7877	61.15	-20.46	40.69	74.00	33.31	peak
3	1662.0828	67.48	-18.28	49.20	74.00	24.80	peak
4	1774.5968	62.97	-18.05	44.92	74.00	29.08	peak
5	1995.1244	57.65	-16.32	41.33	74.00	32.67	peak
6	2657.2072	64.67	-13.22	51.45	74.00	22.55	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	MCH	Horizontal	PASS

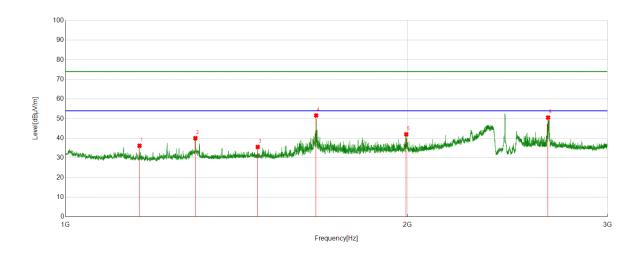


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1124.7656	58.13	-21.43	36.70	74.00	37.30	peak
2	1301.0376	57.39	-20.46	36.93	74.00	37.07	peak
3	1596.5746	58.29	-18.70	39.59	74.00	34.41	peak
4	1659.0824	55.94	-18.33	37.61	74.00	36.39	peak
5	1996.6246	54.43	-16.30	38.13	74.00	35.87	peak
6	2661.2077	57.70	-13.24	44.46	74.00	29.54	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	MCH	Vertical	PASS

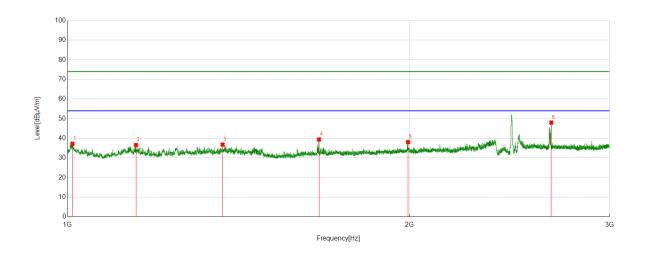


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1161.7702	57.64	-21.42	36.22	74.00	37.78	peak
2	1301.0376	60.51	-20.46	40.05	74.00	33.95	peak
3	1476.3095	55.40	-19.80	35.60	74.00	38.40	peak
4	1661.8327	69.93	-18.29	51.64	74.00	22.36	peak
5	1994.8744	58.33	-16.31	42.02	74.00	31.98	peak
6	2659.4574	63.80	-13.23	50.57	74.00	23.43	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	HCH	Horizontal	PASS

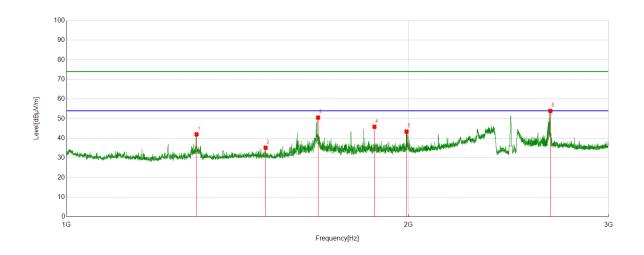


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1010.0012	58.90	-21.70	37.20	74.00	36.80	peak
2	1148.7686	57.92	-21.33	36.59	74.00	37.41	peak
3	1369.2962	57.30	-20.48	36.82	74.00	37.18	peak
4	1664.8331	57.62	-18.22	39.40	74.00	34.60	peak
5	1993.8742	54.38	-16.32	38.06	74.00	35.94	peak
6	2665.9582	61.26	-13.25	48.01	74.00	25.99	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Test Mode Channel		Verdict	
11B	HCH	Vertical	PASS	

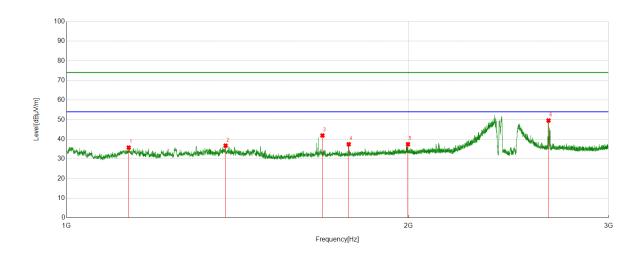


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1301.5377	62.49	-20.46	42.03	74.00	31.97	peak
2	1497.0621	54.92	-19.73	35.19	74.00	38.81	peak
3	1665.0831	68.79	-18.22	50.57	74.00	23.43	peak
4	1866.6083	63.14	-17.28	45.86	74.00	28.14	peak
5	1992.124	59.77	-16.34	43.43	74.00	30.57	peak
6	2666.4583	67.19	-13.24	53.95	74.00	20.05	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	LCH	Horizontal	PASS

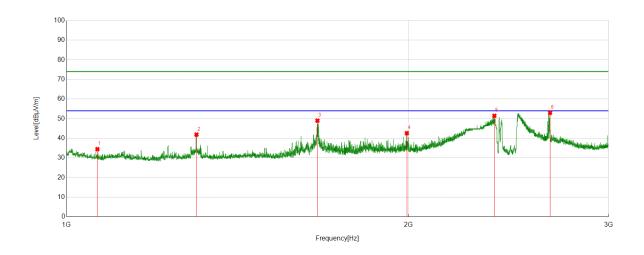


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1134.2668	57.25	-21.47	35.78	74.00	38.22	peak
2	1380.2975	57.34	-20.58	36.76	74.00	37.24	peak
3	1679.835	60.08	-18.14	41.94	74.00	32.06	peak
4	1771.8465	55.58	-18.09	37.49	74.00	36.51	peak
5	1997.8747	53.78	-16.29	37.49	74.00	36.51	peak
6	2656.4571	62.78	-13.22	49.56	74.00	24.44	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	LCH	Vertical	PASS

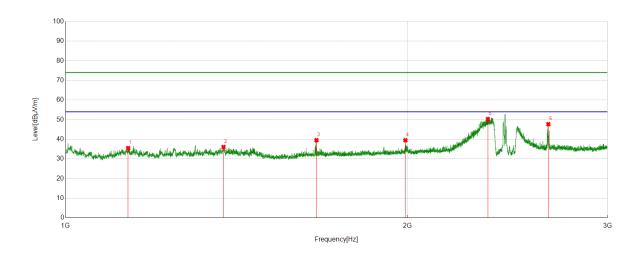


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1064.5081	56.30	-21.84	34.46	74.00	39.54	peak
2	1301.2877	62.33	-20.46	41.87	74.00	32.13	peak
3	1662.8329	67.25	-18.27	48.98	74.00	25.02	peak
4	1993.3742	58.94	-16.33	42.61	74.00	31.39	peak
5	2380.4226	65.69	-14.22	51.47	74.00	22.53	peak
6	2664.7081	66.25	-13.24	53.01	74.00	20.99	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	MCH	Horizontal	PASS

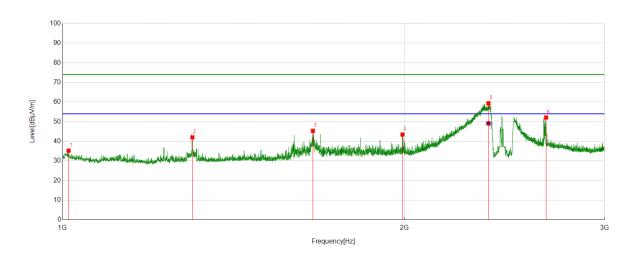


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1135.2669	56.96	-21.45	35.51	74.00	38.49	peak
2	1377.2972	56.62	-20.55	36.07	74.00	37.93	peak
3	1663.0829	57.79	-18.26	39.53	74.00	34.47	peak
4	1991.3739	55.83	-16.34	39.49	74.00	34.51	peak
5	2353.9192	65.07	-14.77	50.30	74.00	23.70	peak
6	2660.9576	60.95	-13.24	47.71	74.00	26.29	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1012.2515	56.99	-21.73	35.26	74.00	38.74	peak
2	1301.0376	62.53	-20.46	42.07	74.00	31.93	peak
3	1661.0826	63.66	-18.31	45.35	74.00	28.65	peak
4	1991.874	59.77	-16.34	43.43	74.00	30.57	peak
5	2371.1714	73.73	-14.40	59.33	74.00	14.67	peak
6	2664.9581	65.40	-13.24	52.16	74.00	21.84	peak

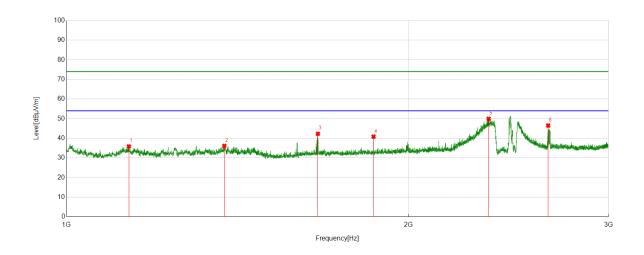
# AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2371.1714	63.53	-14.40	49.13	54.00	4.87	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
  - 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
  - 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - 4. Peak: Peak detector.
  - 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
  - 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	HCH	Horizontal	PASS

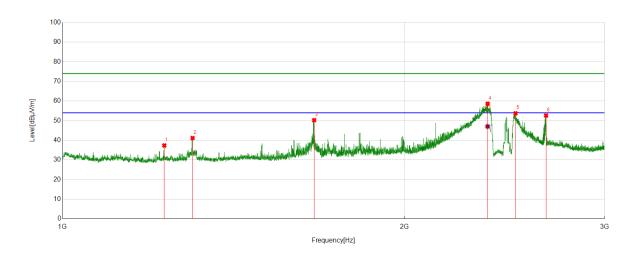


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1134.5168	57.32	-21.46	35.86	74.00	38.14	peak
2	1376.7971	56.69	-20.55	36.14	74.00	37.86	peak
3	1664.333	60.55	-18.23	42.32	74.00	31.68	peak
4	1863.1079	58.12	-17.29	40.83	74.00	33.17	peak
5	2352.6691	64.70	-14.77	49.93	74.00	24.07	peak
6	2654.4568	59.73	-13.21	46.52	74.00	27.48	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11G	HCH	Vertical	PASS



1 1 1 1 1							
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1229.0286	58.44	-21.06	37.38	74.00	36.62	peak
2	1301.5377	61.60	-20.46	41.14	74.00	32.86	peak
3	1665.3332	68.46	-18.21	50.25	74.00	23.75	peak
4	2367.1709	73.11	-14.53	58.58	74.00	15.42	peak
5	2504.6881	67.21	-13.47	53.74	74.00	20.26	peak
6	2664.7081	65.84	-13.24	52.60	74.00	21.40	peak

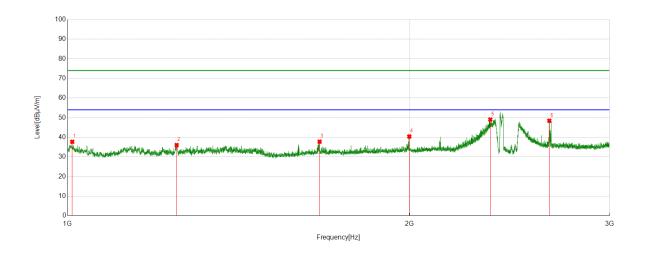
## AV Result:

7 1 1 1 100	· · · · · ·						
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2367.1709	61.57	-14.53	47.04	54.00	6.96	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT20	LCH	Horizontal	PASS

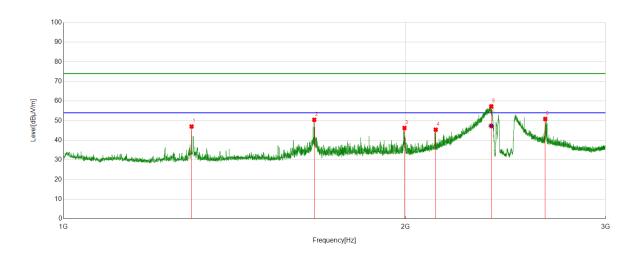


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1009.5012	59.42	-21.70	37.72	74.00	36.28	peak
2	1247.5309	56.93	-20.88	36.05	74.00	37.95	peak
3	1666.8334	55.95	-18.18	37.77	74.00	36.23	peak
4	1999.1249	56.71	-16.29	40.42	74.00	33.58	peak
5	2355.9195	63.82	-14.78	49.04	74.00	24.96	peak
6	2655.4569	61.66	-13.22	48.44	74.00	25.56	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict	
11N HT20	LCH	Vertical	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1296.287	67.54	-20.52	47.02	74.00	26.98	peak
2	1662.3328	68.75	-18.28	50.47	74.00	23.53	peak
3	1995.8745	62.58	-16.31	46.27	74.00	27.73	peak
4	2126.3908	61.25	-15.85	45.40	74.00	28.60	peak
5	2379.9225	71.47	-14.22	57.25	74.00	16.75	peak
6	2654.9569	64.10	-13.21	50.89	74.00	23.11	peak

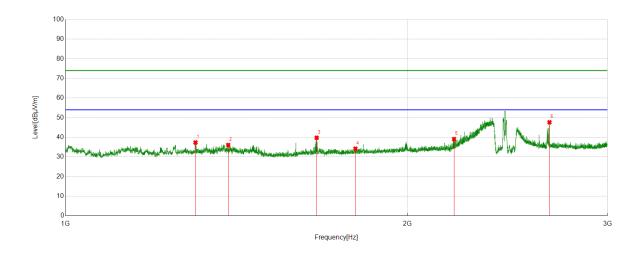
### AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2379.9225	61.56	-14.22	47.34	54.00	6.66	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict	
11N HT20	MCH	Horizontal	PASS	

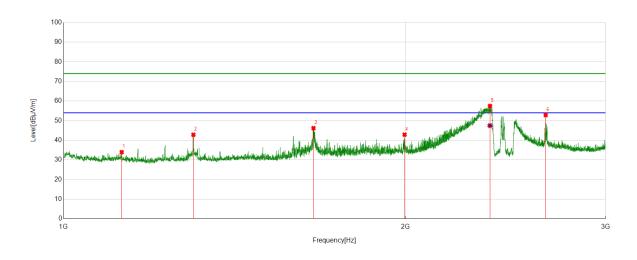


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1301.2877	57.82	-20.46	37.36	74.00	36.64	peak
2	1390.5488	56.66	-20.57	36.09	74.00	37.91	peak
3	1663.5829	58.02	-18.25	39.77	74.00	34.23	peak
4	1799.6	51.88	-17.69	34.19	74.00	39.81	peak
5	2197.8997	55.04	-15.95	39.09	74.00	34.91	peak
6	2666.9584	60.88	-13.24	47.64	74.00	26.36	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict	
11N HT20	MCH	Vertical	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1125.0156	55.41	-21.44	33.97	74.00	40.03	peak
2	1301.0376	63.30	-20.46	42.84	74.00	31.16	peak
3	1659.5824	64.53	-18.33	46.20	74.00	27.80	peak
4	1996.3745	59.19	-16.31	42.88	74.00	31.12	peak
5	2373.6717	71.78	-14.36	57.42	74.00	16.58	peak
6	2657.2072	66.08	-13.22	52.86	74.00	21.14	peak

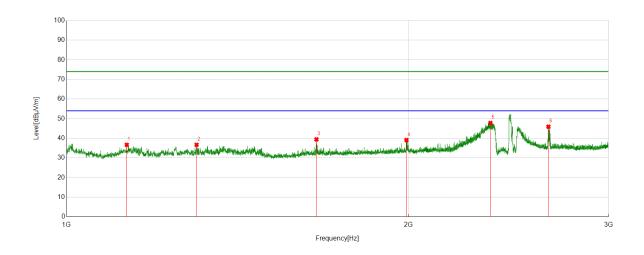
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2373.6717	61.83	-14.36	47.47	54.00	6.53	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict	
11N HT20	HCH	Horizontal	PASS	

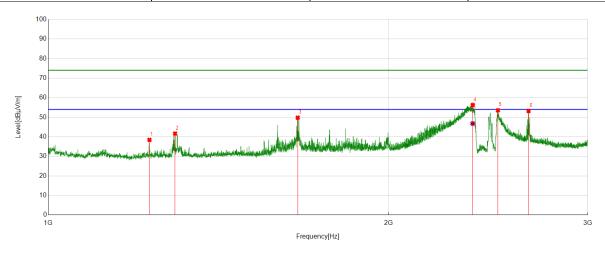


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1129.7662	58.19	-21.50	36.69	74.00	37.31	peak
2	1301.5377	57.15	-20.46	36.69	74.00	37.31	peak
3	1659.5824	57.78	-18.33	39.45	74.00	34.55	peak
4	1991.624	55.42	-16.33	39.09	74.00	34.91	peak
5	2361.6702	62.56	-14.73	47.83	74.00	26.17	peak
6	2655.957	59.13	-13.22	45.91	74.00	28.09	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict	
11N HT20	HCH	Vertical	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1228.7786	59.49	-21.07	38.42	74.00	35.58	peak
2	1294.5368	62.17	-20.54	41.63	74.00	32.37	peak
3	1662.0828	68.07	-18.28	49.79	74.00	24.21	peak
4	2373.9217	70.59	-14.35	56.24	74.00	17.76	peak
5	2498.6873	66.98	-13.43	53.55	74.00	20.45	peak
6	2659.7075	66.43	-13.23	53.20	74.00	20.80	peak

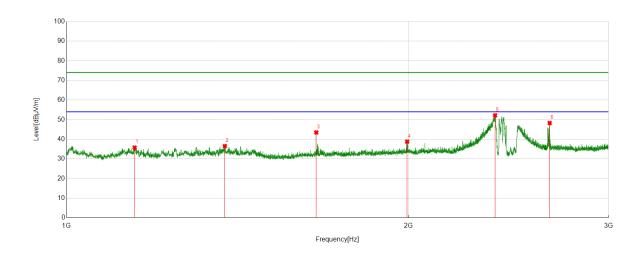
# AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2373.9217	61.11	-14.35	46.76	54.00	7.24	Horizontal

- Note: 1. Measurement = Reading Level + Correct Factor, Correct Factor = Antenna Factor + Loss (Cable + Filter) – Amplifier Gain.
  - 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
  - 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
  - 4. Peak: Peak detector.
  - 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
  - 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Horizontal	PASS

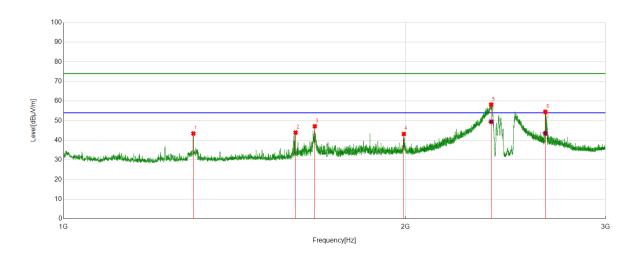


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1148.0185	57.12	-21.34	35.78	74.00	38.22	peak
2	1378.2973	57.09	-20.56	36.53	74.00	37.47	peak
3	1659.0824	61.83	-18.33	43.50	74.00	30.50	peak
4	1994.6243	55.11	-16.31	38.80	74.00	35.20	peak
5	2383.673	66.43	-14.23	52.20	74.00	21.80	peak
6	2662,7078	61.54	-13.24	48.30	74.00	25.70	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT40	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1301.0376	63.93	-20.46	43.47	74.00	30.53	peak
2	1600.5751	62.64	-18.71	43.93	74.00	30.07	peak
3	1664.083	65.38	-18.24	47.14	74.00	26.86	peak
4	1993.1241	59.54	-16.33	43.21	74.00	30.79	peak
5	2379.4224	72.37	-14.23	58.14	74.00	15.86	peak
6	2655.4569	67.70	-13.22	54.48	74.00	19.52	peak

# AV Result:

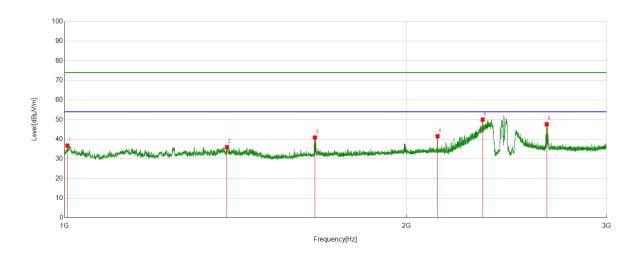
No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2379.4224	63.67	-14.23	49.44	54.00	4.56	Horizontal
2	2655.4569	56.81	-13.22	43.59	54.00	10.41	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor,

- Correct Factor = Antenna Factor + Loss (Cable + Filter) Amplifier Gain.
- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Horizontal	PASS

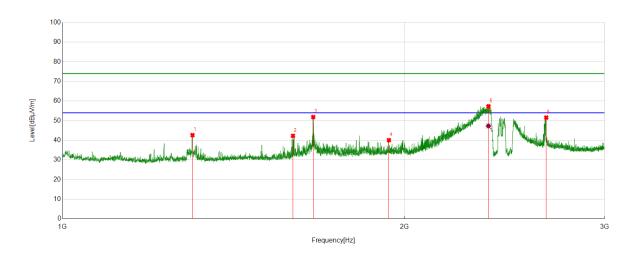


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1005.7507	58.53	-21.72	36.81	74.00	37.19	peak
2	1389.7987	56.60	-20.58	36.02	74.00	37.98	peak
3	1661.0826	59.26	-18.31	40.95	74.00	33.05	peak
4	2129.8912	57.42	-15.85	41.57	74.00	32.43	peak
5	2334.1668	64.94	-14.89	50.05	74.00	23.95	peak
6	2657.4572	60.91	-13.22	47.69	74.00	26.31	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT40	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1301.2877	63.11	-20.46	42.65	74.00	31.35	peak
2	1595.3244	60.99	-18.70	42.29	74.00	31.71	peak
3	1662.0828	70.12	-18.28	51.84	74.00	22.16	peak
4	1937.8672	57.10	-17.04	40.06	74.00	33.94	peak
5	2371.1714	71.67	-14.40	57.27	74.00	16.73	peak
6	2665.7082	64.82	-13.24	51.58	74.00	22.42	peak

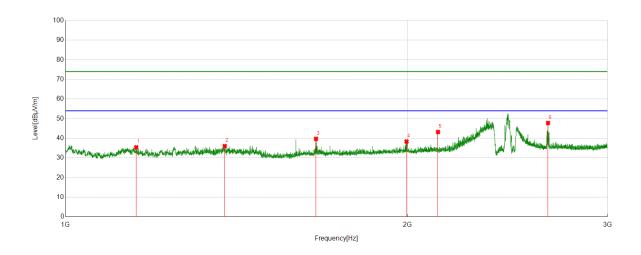
## AV Result:

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No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2371.1714	61.71	-14.40	47.31	54.00	6.69	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11N HT40	HCH	Horizontal	PASS

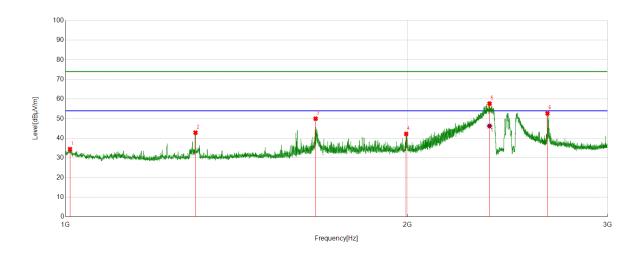


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1154.0193	56.74	-21.35	35.39	74.00	38.61	peak
2	1380.7976	56.62	-20.58	36.04	74.00	37.96	peak
3	1661.3327	58.03	-18.30	39.73	74.00	34.27	peak
4	1996.1245	54.68	-16.31	38.37	74.00	35.63	peak
5	2127.641	59.06	-15.85	43.21	74.00	30.79	peak
6	2659.2074	61.02	-13.22	47.80	74.00	26.20	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Test Mode Channel		Verdict
11N HT40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1009.0011	56.20	-21.70	34.50	74.00	39.50	peak
2	1301.2877	63.35	-20.46	42.89	74.00	31.11	peak
3	1660.0825	68.33	-18.33	50.00	74.00	24.00	peak
4	1994.6243	58.56	-16.31	42.25	74.00	31.75	peak
5	2361.9202	72.38	-14.72	57.66	74.00	16.34	peak
6	2656.207	65.93	-13.22	52.71	74.00	21.29	peak

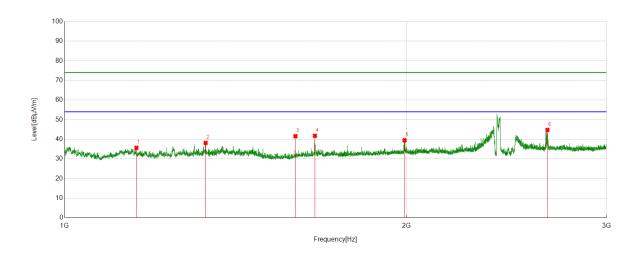
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2361.9202	60.97	-14.72	46.25	54.00	7.75	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Test Mode Channel		Verdict
11AX20	LCH	Horizontal	PASS

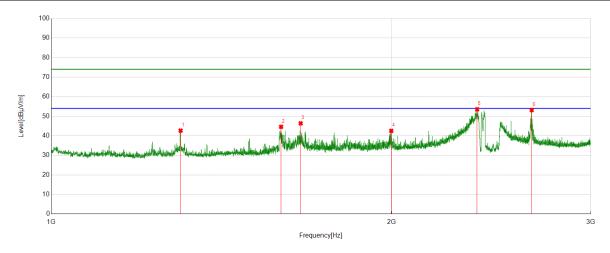


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1156.7696	57.05	-21.38	35.67	74.00	38.33	peak
2	1331.0414	58.75	-20.59	38.16	74.00	35.84	peak
3	1596.8246	60.29	-18.71	41.58	74.00	32.42	peak
4	1661.0826	60.09	-18.31	41.78	74.00	32.22	peak
5	1992.124	55.89	-16.34	39.55	74.00	34.45	peak
6	2661.7077	58.01	-13.23	44.78	74.00	29.22	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Test Mode Channel		Verdict
11AX20	LCH	Vertical	PASS

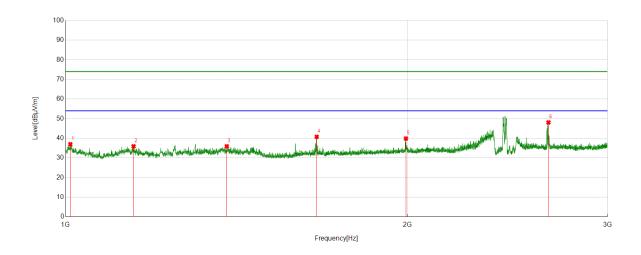


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1301.2877	63.11	-20.46	42.65	74.00	31.35	peak
2	1596.8246	63.31	-18.71	44.60	74.00	29.40	peak
3	1661.8327	64.65	-18.29	46.36	74.00	27.64	peak
4	1998.6248	58.83	-16.29	42.54	74.00	31.46	peak
5	2380.6726	67.78	-14.22	53.56	74.00	20.44	peak
6	2660.4576	66.38	-13.23	53.15	74.00	20.85	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Test Mode Channel		Verdict	
11AX20	MCH	Horizontal	PASS	

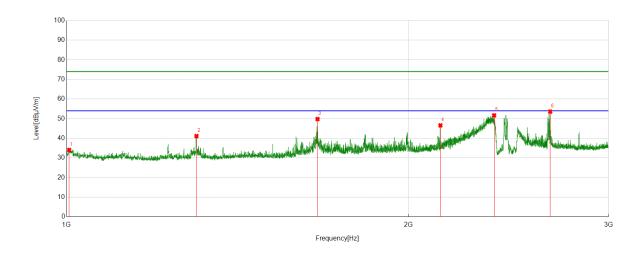


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1009.7512	58.70	-21.70	37.00	74.00	37.00	peak
2	1147.7685	57.27	-21.34	35.93	74.00	38.07	peak
3	1386.5483	56.51	-20.58	35.93	74.00	38.07	peak
4	1663.833	59.01	-18.25	40.76	74.00	33.24	peak
5	1993.6242	56.22	-16.32	39.90	74.00	34.10	peak
6	2661.4577	61.31	-13.23	48.08	74.00	25.92	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Test Mode Channel		Verdict	
11AX20	MCH	Vertical	PASS	

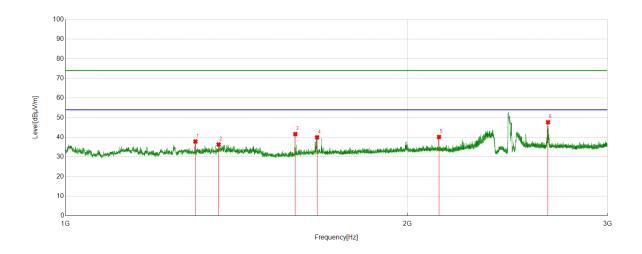


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1005.2507	55.80	-21.72	34.08	74.00	39.92	peak
2	1301.2877	61.59	-20.46	41.13	74.00	32.87	peak
3	1663.0829	68.07	-18.26	49.81	74.00	24.19	peak
4	2133.6417	62.35	-15.76	46.59	74.00	27.41	peak
5	2378.9224	65.92	-14.24	51.68	74.00	22.32	peak
6	2665.7082	66.86	-13.24	53.62	74.00	20.38	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX20	HCH	Horizontal	PASS

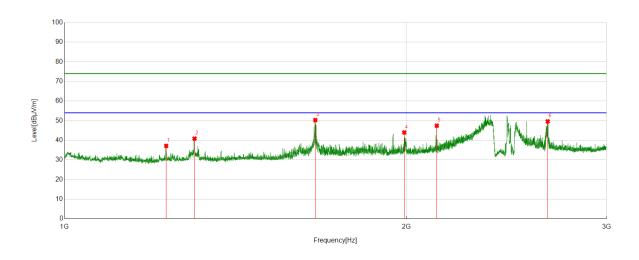


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1301.0376	58.31	-20.46	37.85	74.00	36.15	peak
2	1363.7955	56.84	-20.51	36.33	74.00	37.67	peak
3	1593.0741	60.34	-18.70	41.64	74.00	32.36	peak
4	1665.0831	58.20	-18.22	39.98	74.00	34.02	peak
5	2131.6415	55.97	-15.81	40.16	74.00	33.84	peak
6	2659.2074	60.89	-13.22	47.67	74.00	26.33	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX20	HCH	Vertical	PASS

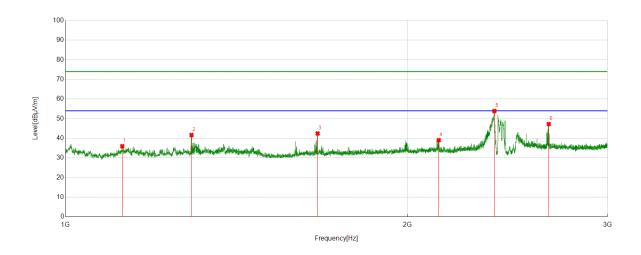


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1228.7786	58.25	-21.07	37.18	74.00	36.82	peak
2	1301.5377	61.33	-20.46	40.87	74.00	33.13	peak
3	1662.3328	68.60	-18.28	50.32	74.00	23.68	peak
4	1990.8739	60.34	-16.34	44.00	74.00	30.00	peak
5	2126.6408	63.29	-15.85	47.44	74.00	26.56	peak
6	2662.7078	62.89	-13.24	49.65	74.00	24.35	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX40	LCH	Horizontal	PASS

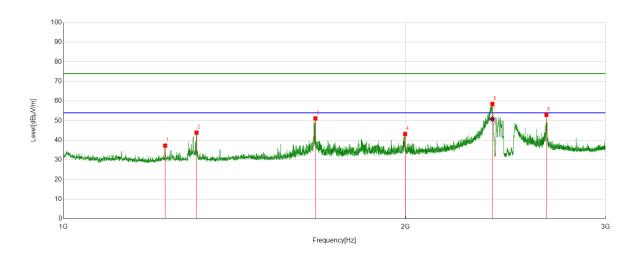


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1121.7652	57.37	-21.39	35.98	74.00	38.02	peak
2	1290.7863	62.26	-20.60	41.66	74.00	32.34	peak
3	1666.8334	60.66	-18.18	42.48	74.00	31.52	peak
4	2130.8914	54.85	-15.83	39.02	74.00	34.98	peak
5	2385.1731	68.12	-14.23	53.89	74.00	20.11	peak
6	2663.2079	60.48	-13.24	47.24	74.00	26.76	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX40	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1228.7786	58.38	-21.07	37.31	74.00	36.69	peak
2	1309.2887	64.35	-20.43	43.92	74.00	30.08	peak
3	1666.0833	69.38	-18.20	51.18	74.00	22.82	peak
4	1998.3748	59.50	-16.30	43.20	74.00	30.80	peak
5	2385.1731	72.72	-14.23	58.49	74.00	15.51	peak
6	2661.2077	66.21	-13.24	52.97	74.00	21.03	peak

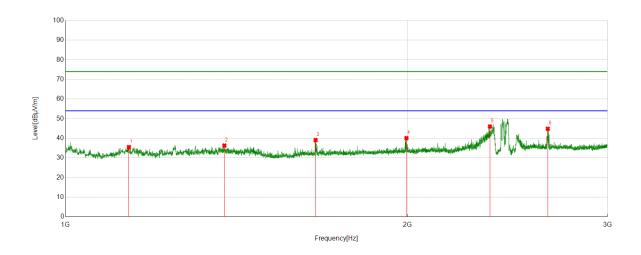
## **AV Result:**

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	2385.1731	65.03	-14.23	50.80	54.00	3.20	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX40	MCH	Horizontal	PASS

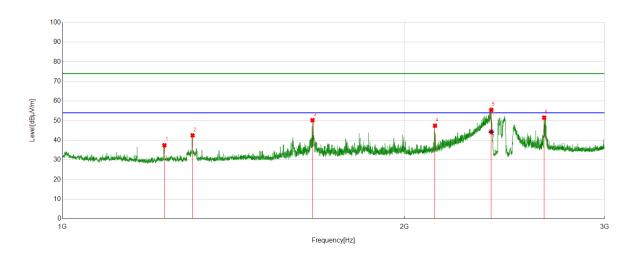


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1137.0171	56.94	-21.43	35.51	74.00	38.49	peak
2	1379.7975	56.90	-20.58	36.32	74.00	37.68	peak
3	1660.0825	57.40	-18.33	39.07	74.00	34.93	peak
4	1995.6245	56.38	-16.31	40.07	74.00	33.93	peak
5	2363.6705	60.67	-14.66	46.01	74.00	27.99	peak
6	2657.7072	58.09	-13.22	44.87	74.00	29.13	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX40	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1229.2787	58.52	-21.05	37.47	74.00	36.53	peak
2	1301.5377	62.98	-20.46	42.52	74.00	31.48	peak
3	1659.8325	68.56	-18.33	50.23	74.00	23.77	peak
4	2127.641	63.29	-15.85	47.44	74.00	26.56	peak
5	2384.6731	69.68	-14.23	55.45	74.00	18.55	peak
6	2654.4568	64.76	-13.21	51.55	74.00	22.45	peak

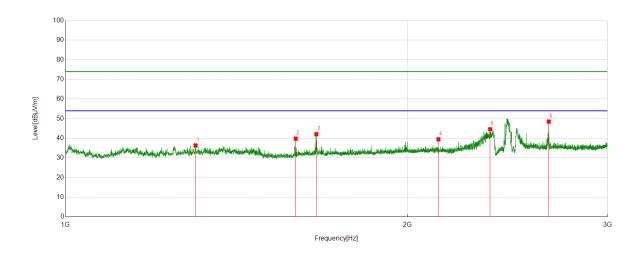
## AV Result:

	No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
		[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
ĺ	1	2384.6731	58.50	-14.23	44.27	54.00	9.73	Horizontal

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX40	HCH	Horizontal	PASS

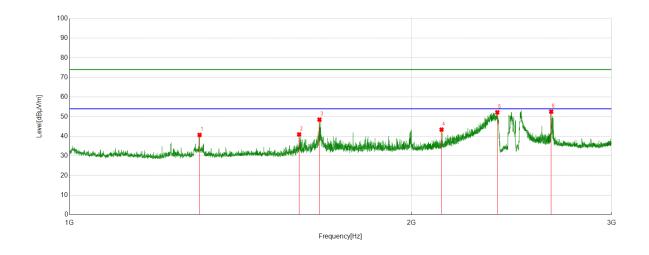


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1301.5377	56.85	-20.46	36.39	74.00	37.61	peak
2	1594.5743	58.52	-18.71	39.81	74.00	34.19	peak
3	1662.5828	60.41	-18.27	42.14	74.00	31.86	peak
4	2129.3912	55.35	-15.85	39.50	74.00	34.50	peak
5	2364.6706	59.25	-14.62	44.63	74.00	29.37	peak
6	2663.4579	61.78	-13.24	48.54	74.00	25.46	peak

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AX40	HCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	1301.5377	61.17	-20.46	40.71	74.00	33.29	peak
2	1592.5741	59.65	-18.70	40.95	74.00	33.05	peak
3	1659.5824	66.83	-18.33	48.50	74.00	25.50	peak
4	2125.6407	59.26	-15.85	43.41	74.00	30.59	peak
5	2379.9225	66.44	-14.22	52.22	74.00	21.78	peak
6	2654.7068	65.77	-13.21	52.56	74.00	21.44	peak

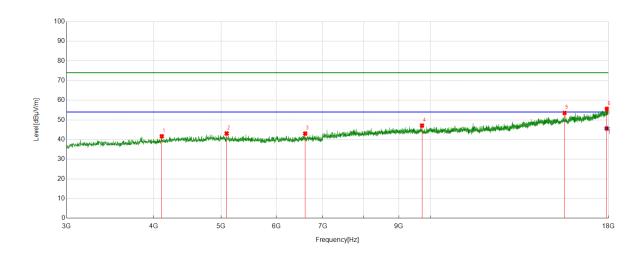
- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
- 4. Peak: Peak detector.
- 5. For below 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



# Part II: 3GHz~18GHz

# HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
11B	LCH	Horizontal	PASS



### PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4110.1388	48.45	-6.77	41.68	74.00	32.32	peak
2	5092.7616	46.79	-3.68	43.11	74.00	30.89	peak
3	6602.3253	44.23	-1.16	43.07	74.00	30.93	peak
4	9715.2144	43.43	3.68	47.11	74.00	26.89	peak
5	15565.9457	40.96	12.57	53.53	74.00	20.47	peak
6	17904.363	36.40	19.18	55.58	74.00	18.42	peak

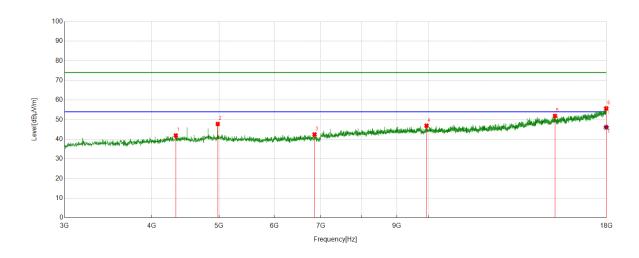
# AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17904.363	26.46	19.18	45.64	54.00	8.36	AV

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11B	LCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4333.2917	47.53	-5.58	41.95	74.00	32.05	peak
2	4978.3723	51.73	-3.92	47.81	74.00	26.19	peak
3	6855.4819	43.35	-0.88	42.47	74.00	31.53	peak
4	9927.1159	43.16	3.75	46.91	74.00	27.09	peak
5	15179.6475	39.60	12.31	51.91	74.00	22.09	peak
6	17983.1229	37.10	18.64	55.74	74.00	18.26	peak

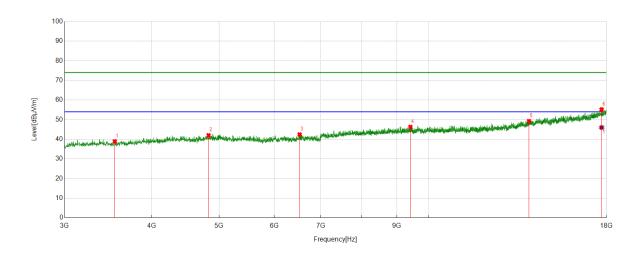
# AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17983.1229	27.49	18.64	46.13	54.00	7.87	AV

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Test Mode Channel		Verdict	
11B	MCH	Horizontal	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3541.9427	47.89	-8.96	38.93	74.00	35.07	peak
2	4830.2288	45.76	-3.73	42.03	74.00	31.97	peak
3	6525.4407	44.00	-1.55	42.45	74.00	31.55	peak
4	9413.3017	43.08	3.21	46.29	74.00	27.71	peak
5	13930.7413	38.61	10.65	49.26	74.00	24.74	peak
6	17711.2139	37.32	17.85	55.17	74.00	18.83	peak

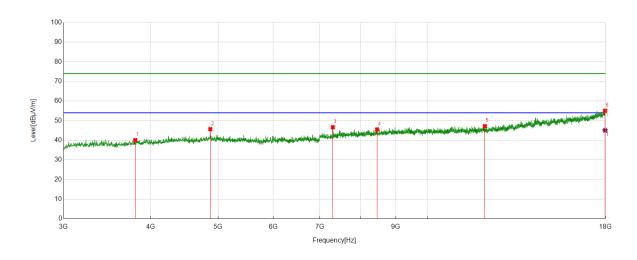
# AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17711.2139	28.15	17.85	46.00	54.00	8.00	AV

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Test Mode Channel		Verdict		
11B	11B I MCH		PASS		



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3802.6003	48.08	-8.02	40.06	74.00	33.94	peak
2	4873.3592	49.31	-3.62	45.69	74.00	28.31	peak
3	7307.4134	46.74	-0.06	46.68	74.00	27.32	peak
4	8458.8074	43.52	2.01	45.53	74.00	28.47	peak
5	12079.885	40.44	6.75	47.19	74.00	26.81	peak
6	17973.7467	36.36	18.68	55.04	74.00	18.96	peak

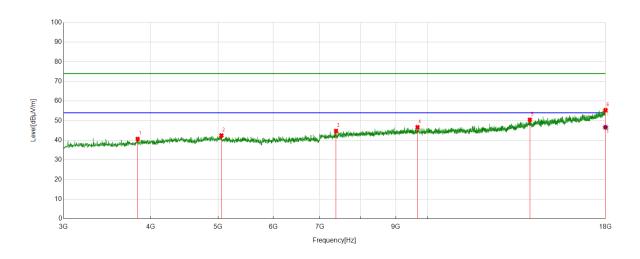
## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17973.7467	26.41	18.68	45.09	54.00	8.91	AV

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode Channel		Polarization	Verdict	
11B	11B HCH		PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3832.6041	47.91	-7.23	40.68	74.00	33.32	peak
2	5055.2569	45.57	-3.10	42.47	74.00	31.53	peak
3	7384.298	44.74	0.00	44.74	74.00	29.26	peak
4	9668.3335	43.12	3.55	46.67	74.00	27.33	peak
5	14015.1269	39.87	10.59	50.46	74.00	23.54	peak
6	17998.1248	36.64	18.72	55.36	74.00	18.64	peak

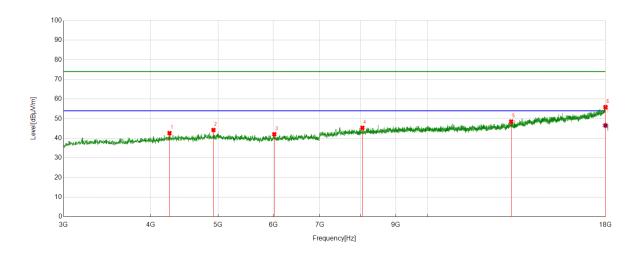
# AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17998.1248	27.91	18.72	46.63	54.00	7.37	AV

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode Channel		Polarization	Verdict	
11B	11B HCH		PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	4258.2823	48.27	-5.64	42.63	74.00	31.37	peak
2	4923.9905	48.10	-3.88	44.22	74.00	29.78	peak
3	6021.0026	43.82	-1.75	42.07	74.00	31.93	peak
4	8057.5072	43.25	2.09	45.34	74.00	28.66	peak
5	13176.8971	40.55	7.97	48.52	74.00	25.48	peak
6	18000	37.11	18.76	55.87	74.00	18.13	peak

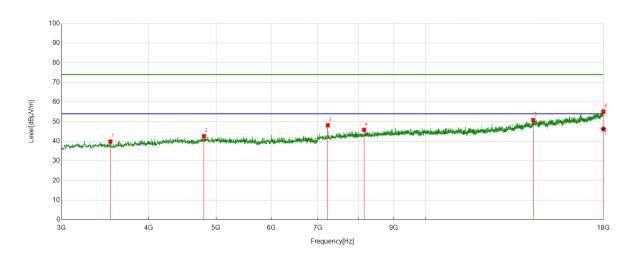
# AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	18000	27.77	18.76	46.53	54.00	7.47	AV

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Test Mode Channel		Verdict	
11G	LCH	Horizontal	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3525.0656	48.89	-9.02	39.87	74.00	34.13	peak
2	4803.9755	46.49	-3.88	42.61	74.00	31.39	peak
3	7234.2793	48.12	0.05	48.17	74.00	25.83	peak
4	8156.8946	44.13	1.72	45.85	74.00	28.15	peak
5	14268.2835	38.86	11.99	50.85	74.00	23.15	peak
6	17992.4991	36.50	18.63	55.13	74.00	18.87	peak

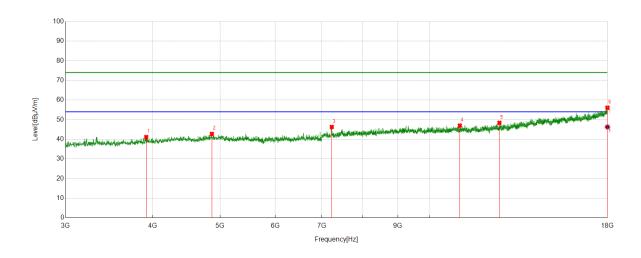
# AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17992.4991	27.62	18.63	46.25	54.00	7.75	AV

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Test Mode Channel		Verdict	
11G	LCH	Vertical	PASS	



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	3916.9896	48.55	-7.40	41.15	74.00	32.85	peak
2	4865.8582	46.46	-3.70	42.76	74.00	31.24	peak
3	7234.2793	46.23	0.05	46.28	74.00	27.72	peak
4	11046.6308	42.29	4.69	46.98	74.00	27.02	peak
5	12589.9487	41.25	7.14	48.39	74.00	25.61	peak
6	17996.2495	37.39	18.69	56.08	74.00	17.92	peak

## AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dB]	
1	17996.2495	27.59	18.69	46.28	54.00	7.72	AV

- 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- 3. Peak detector: RBW: 1 MHz, VBW: 3 MHz.
- 4. Average detector: RBW: 1 MHz, VBW: 1/T MHz(refer to clause 7.1.).
- 5. For above 3GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
- 6. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.