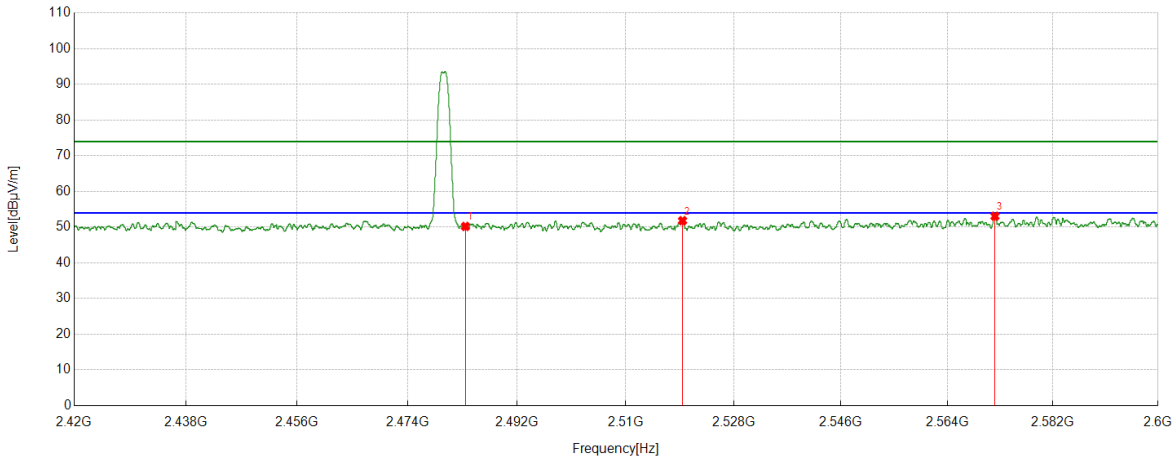
Test Mode	Channel	Polarization	Verdict
BLE 1M	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	35.96	14.25	50.21	74.00	-23.79	Vertical
2	2519.4399	37.28	14.54	51.82	74.00	-22.18	Vertical
3	2572.0965	38.38	14.69	53.07	74.00	-20.93	Vertical

Note: 1. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
2. Average result: Peak detector, RBW: 1 MHz, VBW: 1/T MHz (refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
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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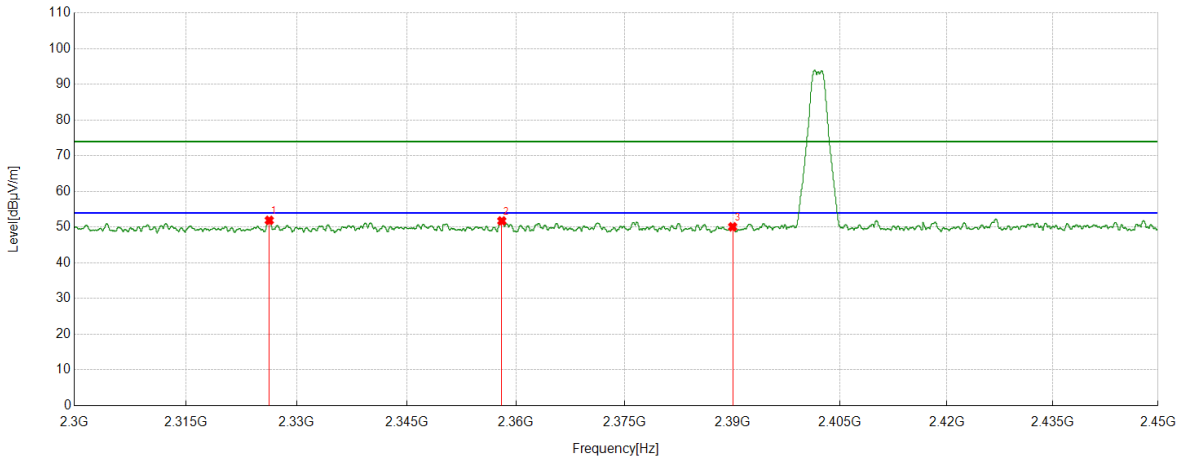
Test Mode	Channel	Polarization	Verdict
BLE 2M	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2326.3095	38.43	13.48	51.91	74.00	-22.09	Horizontal
2	2358.0573	38.28	13.47	51.75	74.00	-22.25	Horizontal
3	2390.0000	36.62	13.48	50.10	74.00	-23.90	Horizontal

Note: 1. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
2. Average result: Peak detector, RBW: 1 MHz, VBW: 1/T MHz (refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
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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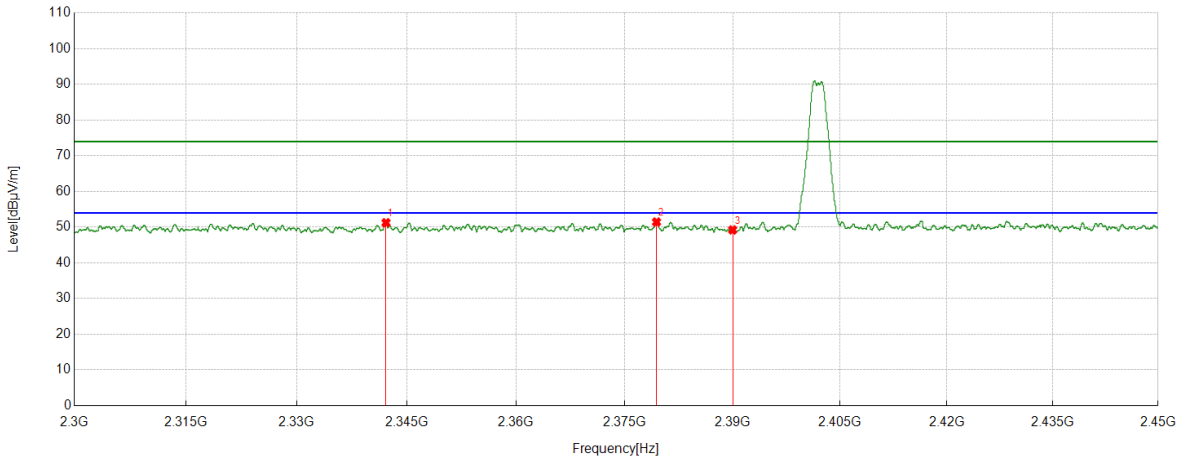
Test Mode	Channel	Polarization	Verdict
BLE 2M	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2342.1928	37.79	13.46	51.25	74.00	-22.75	Vertical
2	2379.4162	37.85	13.60	51.45	74.00	-22.55	Vertical
3	2390.0000	35.75	13.48	49.23	74.00	-24.77	Vertical

Note: 1. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
2. Average result: Peak detector, RBW: 1 MHz, VBW: 1/T MHz (refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
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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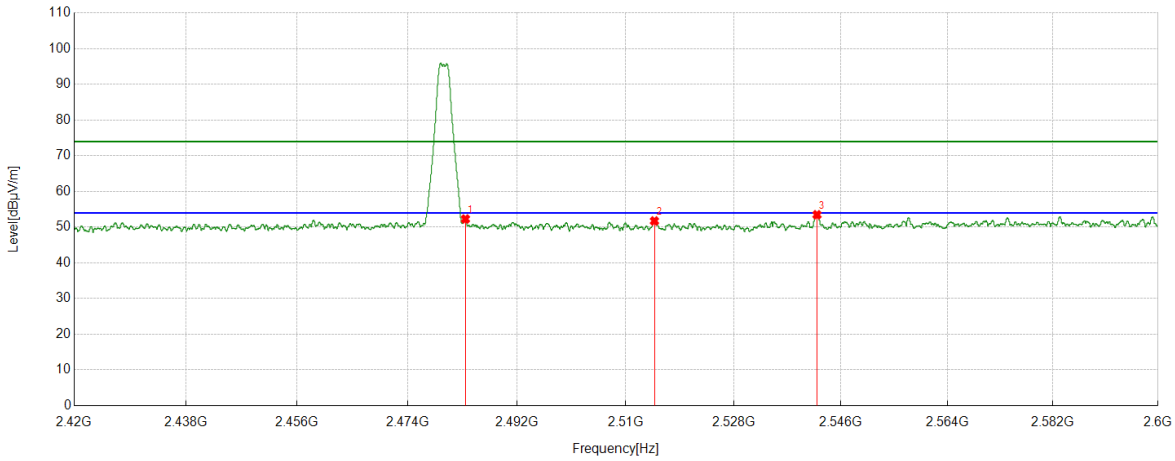
Test Mode	Channel	Polarization	Verdict
BLE 2M	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	38.05	14.25	52.30	74.00	-21.70	Horizontal
2	2514.7593	37.24	14.50	51.74	74.00	-22.26	Horizontal
3	2541.9652	38.92	14.56	53.48	74.00	-20.52	Horizontal

Note: 1. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
2. Average result: Peak detector, RBW: 1 MHz, VBW: 1/T MHz (refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
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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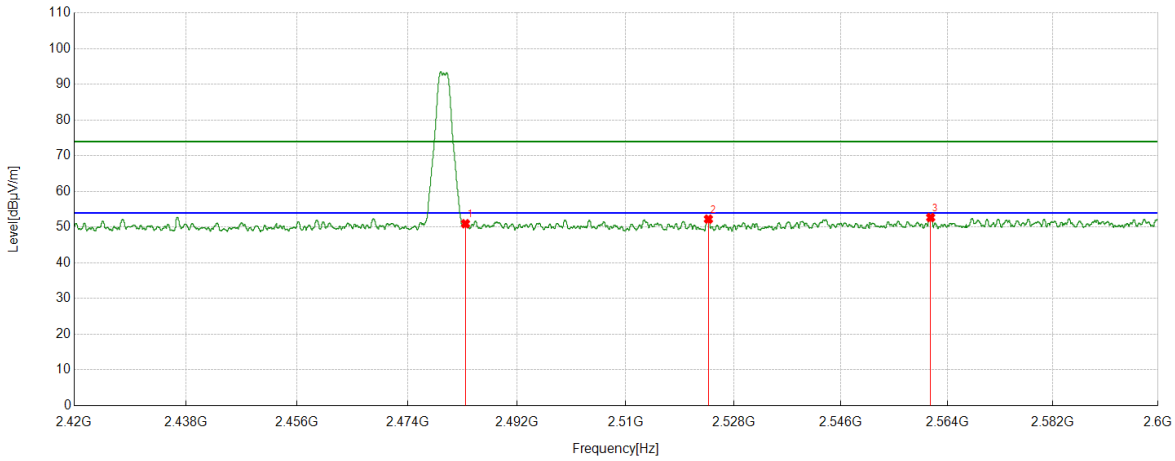
Test Mode	Channel	Polarization	Verdict
BLE 2M	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2483.5000	36.72	14.25	50.97	74.00	-23.03	Vertical
2	2523.7605	37.75	14.51	52.26	74.00	-21.74	Vertical
3	2561.1601	38.18	14.53	52.71	74.00	-21.29	Vertical

Note: 1. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
2. Average result: Peak detector, RBW: 1 MHz, VBW: 1/T MHz (refer to clause 7.1.).
3. Measurement = Reading Level + Correct Factor.
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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8.4. SPURIOUS EMISSIONS

TEST RESULTS TABLE

1) For 1GHz~18GHz

Test Mode	Channel	Puw(dBm)	Verdict
BLE 1M	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS
BLE 2M	LCH	<Limit	PASS
	MCH	<Limit	PASS
	HCH	<Limit	PASS

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

2) For 9kHz~30MHz

Test Mode	Channel	Puw(dBm)	Verdict
BLE	MCH	<Limit	PASS

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

3) For 30MHz~1GHz

Test Mode	Channel	Puw(dBm)	Verdict
BLE	MCH	<Limit	PASS

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

4) For 18GHz~26.5GHz

Test Mode	Channel	Puw(dBm)	Verdict
BLE	MCH	<Limit	PASS

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

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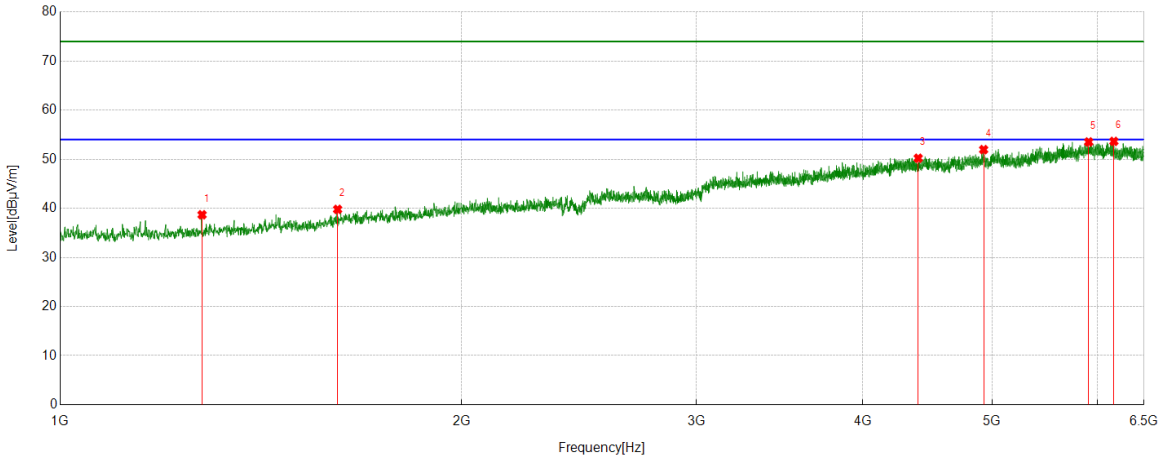
Part 1: 1GHz~6.5GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
BLE 1M	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1277.7847	40.08	-1.39	38.69	74.00	-35.31	Horizontal
2	1614.7018	38.99	0.80	39.79	74.00	-34.21	Horizontal
3	4400.8001	36.59	13.62	50.21	74.00	-23.79	Horizontal
4	4927.4909	36.63	15.33	51.96	74.00	-22.04	Horizontal
5	5907.3009	35.41	18.11	53.52	74.00	-20.48	Horizontal
6	6169.9587	34.98	18.66	53.64	74.00	-20.36	Horizontal

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

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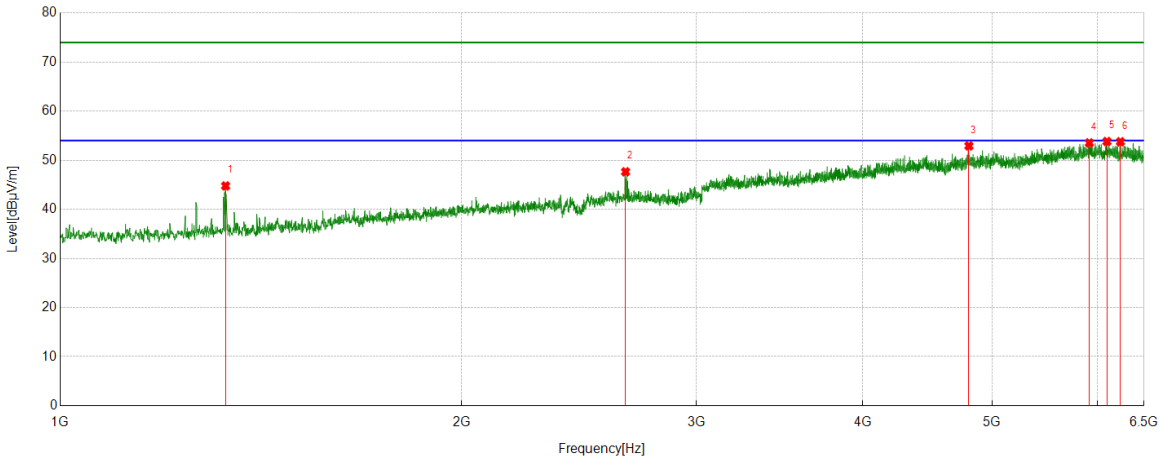
Test Mode	Channel	Polarization	Verdict
BLE 1M	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1330.7288	45.85	-1.08	44.77	74.00	-29.23	Vertical
2	2655.0194	41.41	6.24	47.65	74.00	-26.35	Vertical
3	4803.7255	37.43	15.49	52.92	74.00	-21.08	Vertical
4	5914.1768	35.15	18.39	53.54	74.00	-20.46	Vertical
5	6097.0746	35.52	18.30	53.82	74.00	-20.18	Vertical
6	6240.0925	35.44	18.33	53.77	74.00	-20.23	Vertical

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

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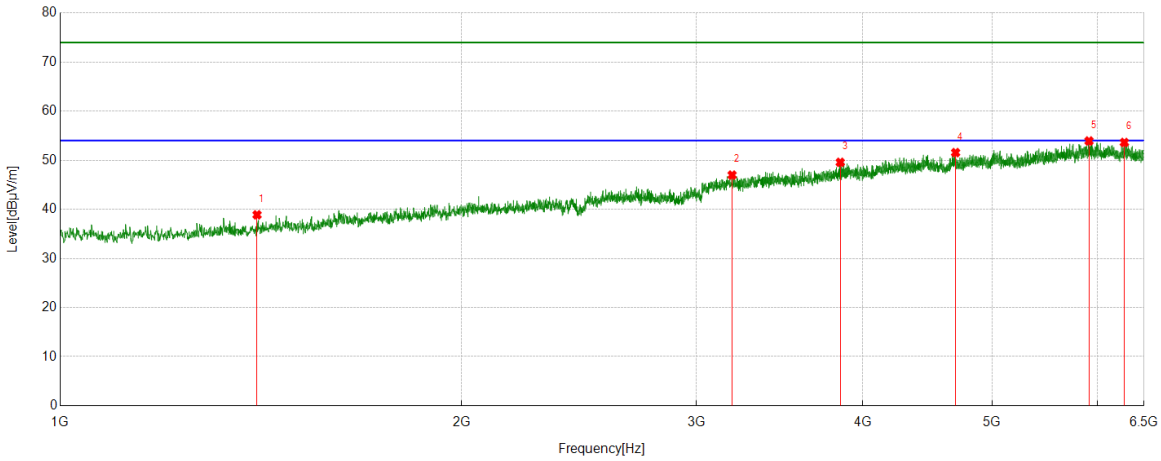
Test Mode	Channel	Polarization	Verdict
BLE 1M	MCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1404.9881	40.23	-1.35	38.88	74.00	-35.12	Horizontal
2	3191.3364	37.04	9.94	46.98	74.00	-27.02	Horizontal
3	3846.6058	37.68	11.89	49.57	74.00	-24.43	Horizontal
4	4694.3993	36.26	15.30	51.56	74.00	-22.44	Horizontal
5	5910.7388	35.70	18.22	53.92	74.00	-20.08	Horizontal
6	6282.7228	34.97	18.65	53.62	74.00	-20.38	Horizontal

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

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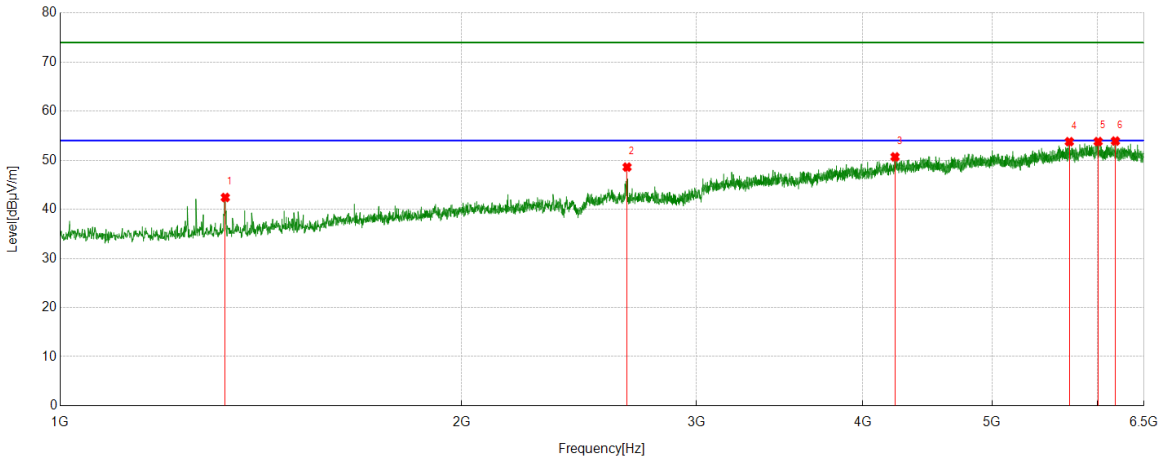
Test Mode	Channel	Polarization	Verdict
BLE 1M	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1330.0413	43.49	-1.07	42.42	74.00	-31.58	Vertical
2	2661.8952	42.53	6.07	48.60	74.00	-25.40	Vertical
3	4228.2160	36.88	13.81	50.69	74.00	-23.31	Vertical
4	5713.4017	36.25	17.53	53.78	74.00	-20.22	Vertical
5	6004.9381	35.60	18.20	53.80	74.00	-20.20	Vertical
6	6186.4608	35.11	18.80	53.91	74.00	-20.09	Vertical

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

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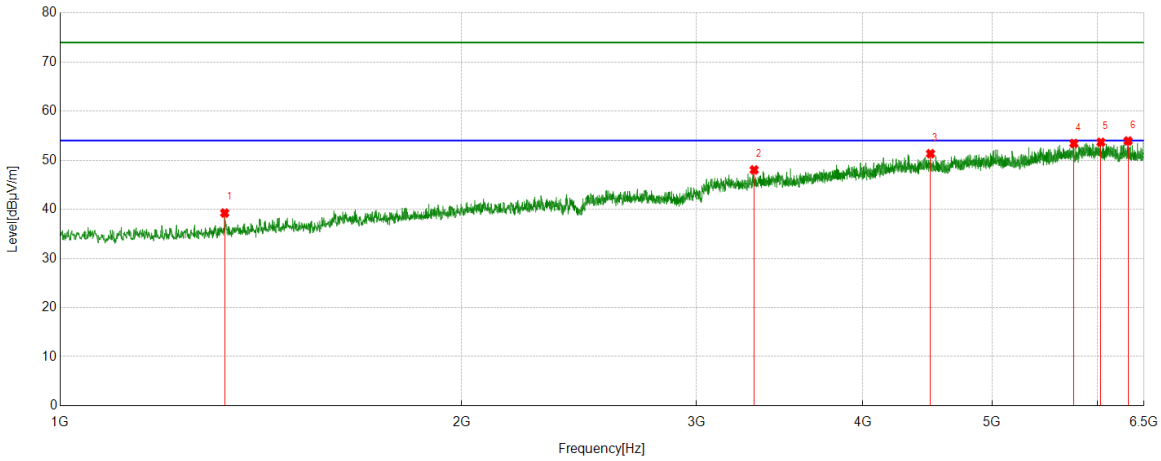
Test Mode	Channel	Polarization	Verdict
BLE 1M	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1328.6661	40.34	-1.09	39.25	74.00	-34.75	Horizontal
2	3315.1019	37.74	10.29	48.03	74.00	-25.97	Horizontal
3	4495.6870	37.14	14.20	51.34	74.00	-22.66	Horizontal
4	5758.7823	35.45	17.97	53.42	74.00	-20.58	Horizontal
5	6033.8167	35.74	17.92	53.66	74.00	-20.34	Horizontal
6	6323.2904	35.00	18.93	53.93	74.00	-20.07	Horizontal

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

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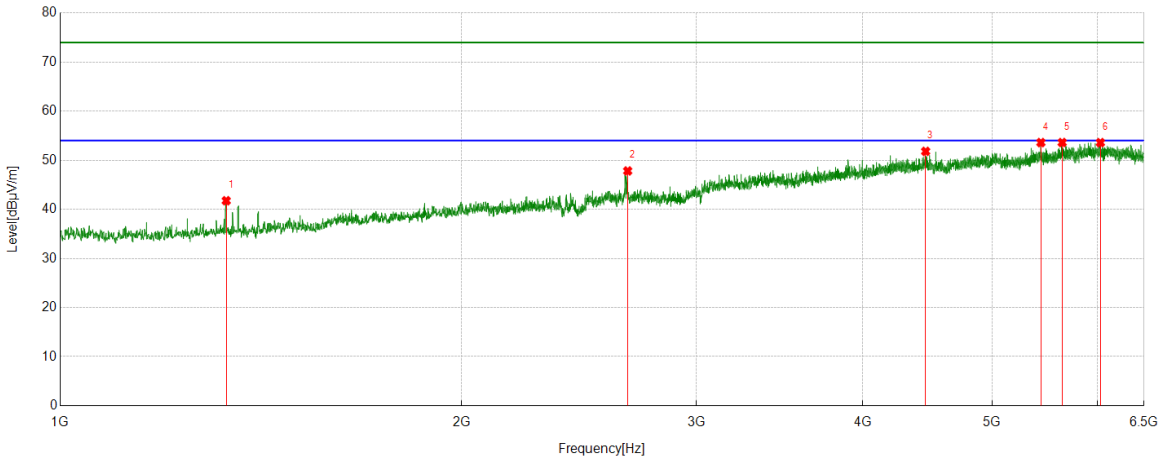
Test Mode	Channel	Polarization	Verdict
BLE 1M	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1332.1040	42.86	-1.11	41.75	74.00	-32.25	Vertical
2	2664.6456	41.70	6.12	47.82	74.00	-26.18	Vertical
3	4457.8697	37.02	14.79	51.81	74.00	-22.19	Vertical
4	5439.7425	36.31	17.29	53.60	74.00	-20.40	Vertical
5	5643.2679	36.06	17.55	53.61	74.00	-20.39	Vertical
6	6028.3160	35.65	17.94	53.59	74.00	-20.41	Vertical

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

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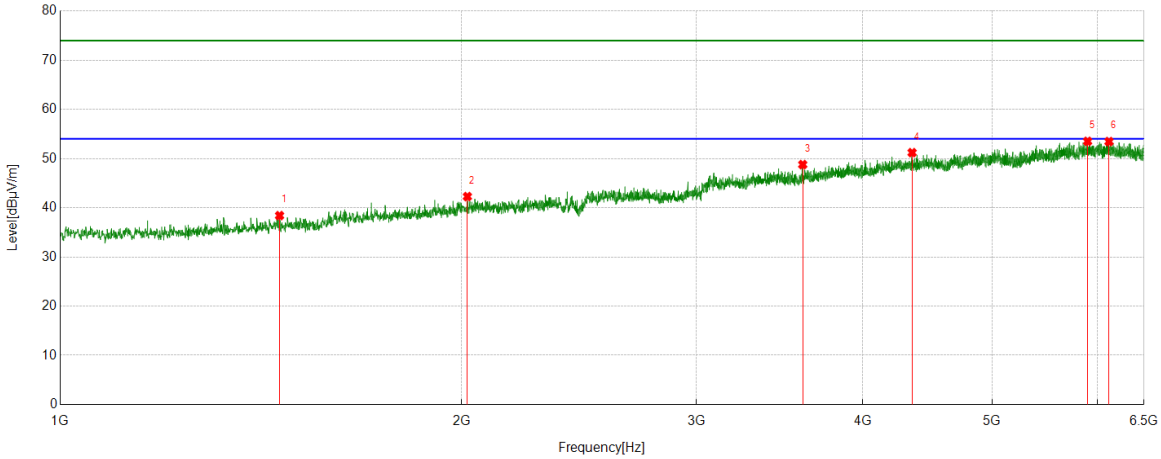
Test Mode	Channel	Polarization	Verdict
BLE 2M	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1460.6826	38.34	0.07	38.41	74.00	-35.59	Horizontal
2	2020.3775	38.45	3.83	42.28	74.00	-31.72	Horizontal
3	3605.2632	37.61	11.17	48.78	74.00	-25.22	Horizontal
4	4354.7318	37.54	13.67	51.21	74.00	-22.79	Horizontal
5	5896.2995	35.56	17.95	53.51	74.00	-20.49	Horizontal
6	6118.3898	35.25	18.21	53.46	74.00	-20.54	Horizontal

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

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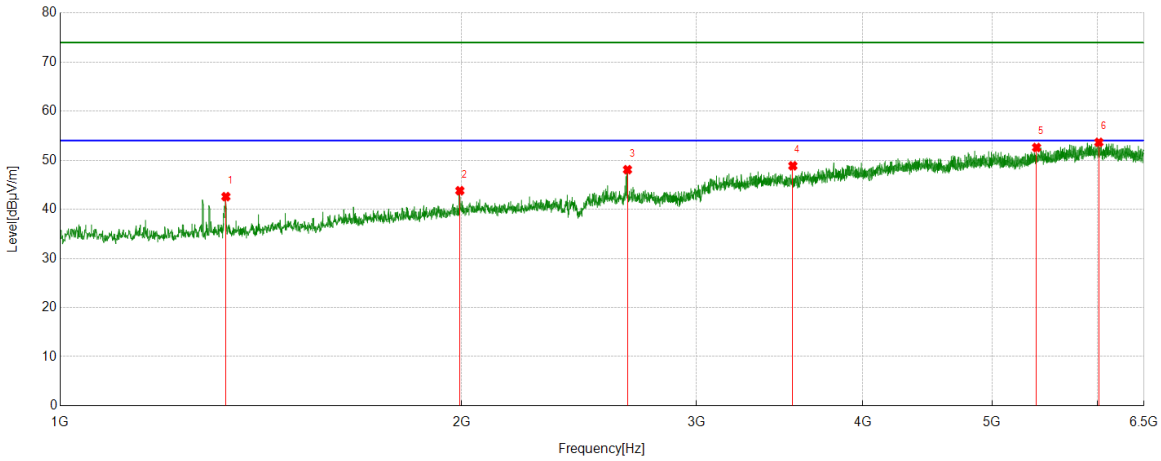
Test Mode	Channel	Polarization	Verdict
BLE 2M	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1331.4164	43.68	-1.09	42.59	74.00	-31.41	Vertical
2	1994.2493	40.64	3.16	43.80	74.00	-30.20	Vertical
3	2663.9580	41.97	6.11	48.08	74.00	-25.92	Vertical
4	3544.0680	38.04	10.82	48.86	74.00	-25.14	Vertical
5	5399.1749	35.71	16.88	52.59	74.00	-21.41	Vertical
6	6012.5016	35.56	18.09	53.65	74.00	-20.35	Vertical

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

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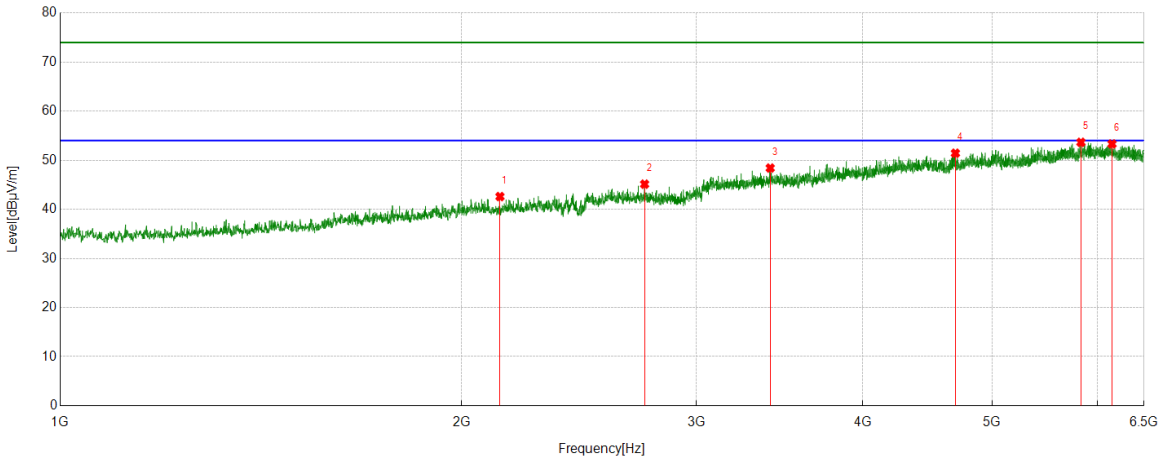
Test Mode	Channel	Polarization	Verdict
BLE 2M	MCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	2137.2672	38.84	3.76	42.60	74.00	-31.40	Horizontal
2	2743.7180	38.29	6.84	45.13	74.00	-28.87	Horizontal
3	3408.6136	38.36	10.05	48.41	74.00	-25.59	Horizontal
4	4693.0241	36.01	15.42	51.43	74.00	-22.57	Horizontal
5	5828.9161	34.97	18.68	53.65	74.00	-20.35	Horizontal
6	6150.7063	34.79	18.53	53.32	74.00	-20.68	Horizontal

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

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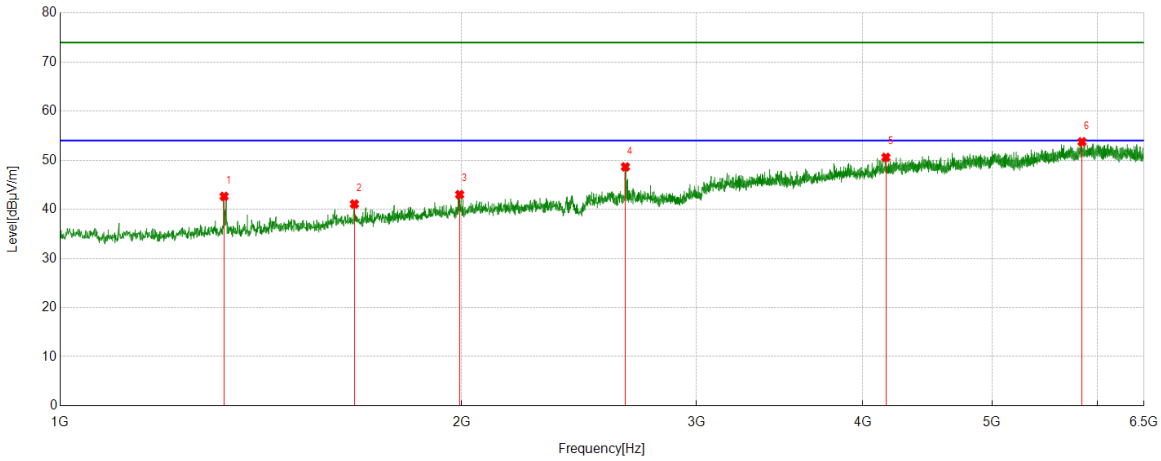
Test Mode	Channel	Polarization	Verdict
BLE 2M	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1327.2909	43.77	-1.13	42.64	74.00	-31.36	Vertical
2	1662.1453	39.96	1.11	41.07	74.00	-32.93	Vertical
3	1993.5617	39.85	3.16	43.01	74.00	-30.99	Vertical
4	2654.3318	42.37	6.28	48.65	74.00	-25.35	Vertical
5	4162.2078	37.17	13.42	50.59	74.00	-23.41	Vertical
6	5839.9175	35.68	18.07	53.75	74.00	-20.25	Vertical

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

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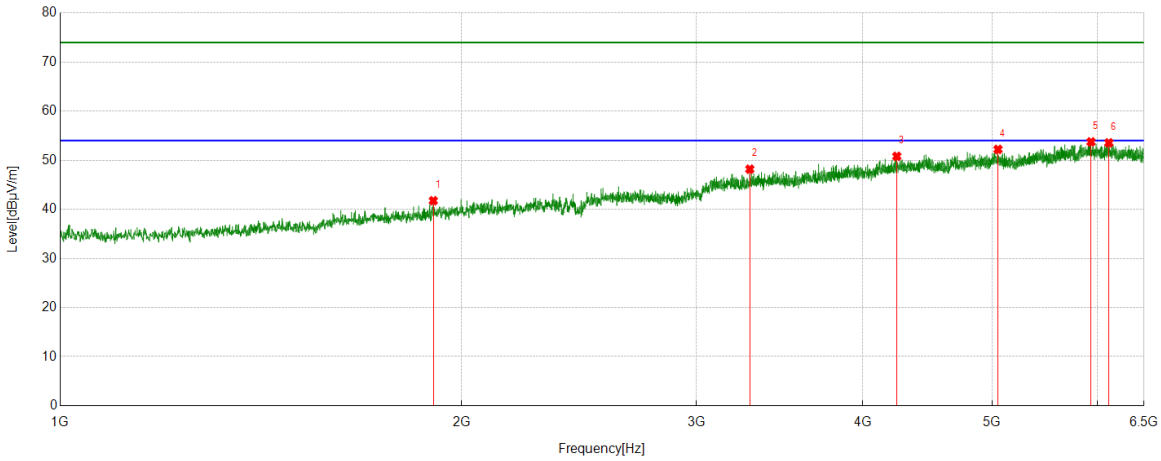
Test Mode	Channel	Polarization	Verdict
BLE 2M	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1904.8631	38.78	2.98	41.76	74.00	-32.24	Horizontal
2	3290.3488	38.21	9.97	48.18	74.00	-25.82	Horizontal
3	4241.2802	36.85	13.95	50.80	74.00	-23.20	Horizontal
4	5051.2564	36.14	16.07	52.21	74.00	-21.79	Horizontal
5	5931.3664	34.89	18.85	53.74	74.00	-20.26	Horizontal
6	6117.0146	35.38	18.17	53.55	74.00	-20.45	Horizontal

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

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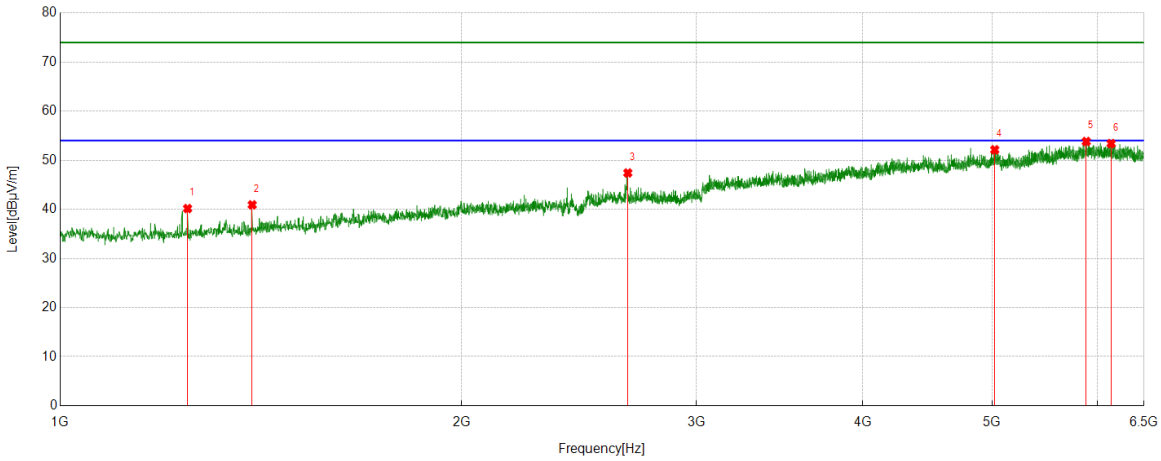
Test Mode	Channel	Polarization	Verdict
BLE 2M	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	1246.1558	41.81	-1.65	40.16	74.00	-33.84	Vertical
2	1393.2992	42.25	-1.33	40.92	74.00	-33.08	Vertical
3	2665.3332	41.28	6.13	47.41	74.00	-26.59	Vertical
4	5023.0654	36.53	15.60	52.13	74.00	-21.87	Vertical
5	5883.2354	36.06	17.76	53.82	74.00	-20.18	Vertical
6	6141.0801	35.05	18.35	53.40	74.00	-20.60	Vertical

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

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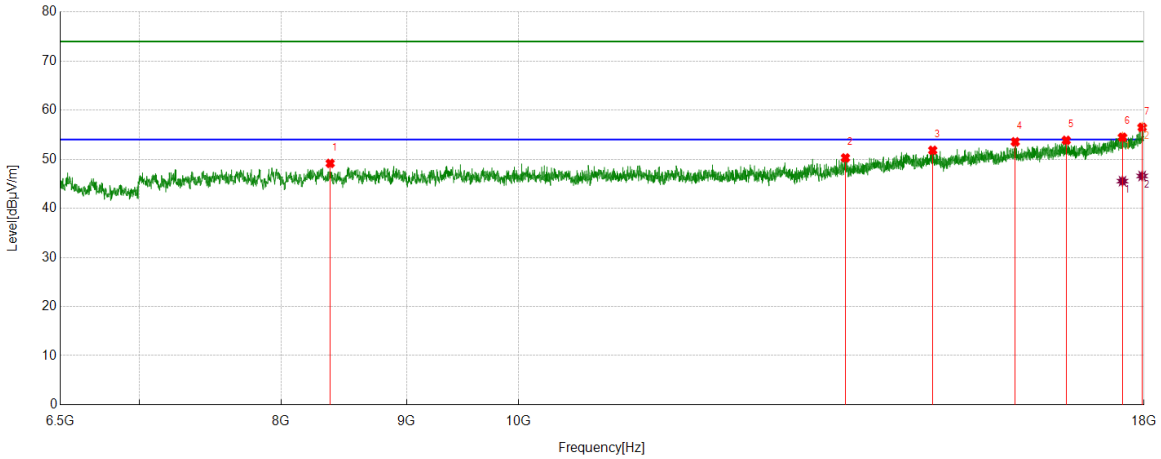
Part 2: 6.5GHz~18GHz

HARMONICS AND SPURIOUS EMISSIONS

Test Mode	Channel	Polarization	Verdict
BLE 1M	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	8377.6097	43.44	5.72	49.16	74.00	-24.84	Horizontal
2	13596.3870	39.62	10.65	50.27	74.00	-23.73	Horizontal
3	14758.0323	38.88	12.94	51.82	74.00	-22.18	Horizontal
4	15948.4311	39.10	14.45	53.55	74.00	-20.45	Horizontal
5	16730.5288	37.71	16.14	53.85	74.00	-20.15	Horizontal
6	17639.1424	36.47	18.01	54.48	74.00	-19.52	Horizontal
7	17968.3710	36.87	19.63	56.50	74.00	-17.50	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17639.1424	27.53	18.01	45.54	54.00	-8.46	Horizontal
2	17968.3710	26.96	19.63	46.59	54.00	-7.41	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
4. Average result: Peak 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.

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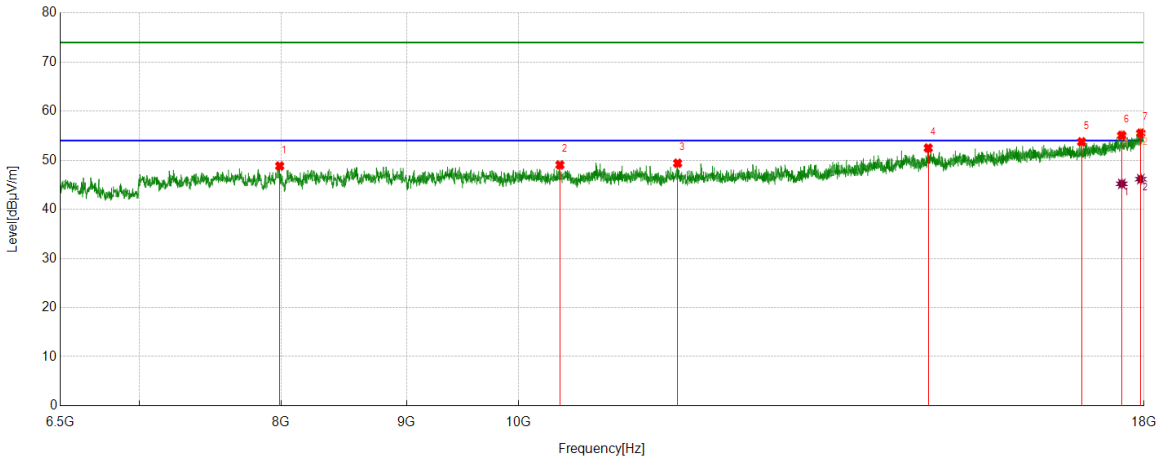
Test Mode	Channel	Polarization	Verdict
BLE 1M	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	7989.4362	43.22	5.60	48.82	74.00	-25.18	Vertical
2	10396.1120	42.35	6.69	49.04	74.00	-24.96	Vertical
3	11612.3890	41.89	7.50	49.39	74.00	-24.61	Vertical
4	14696.2120	39.73	12.76	52.49	74.00	-21.51	Vertical
5	16974.9344	37.66	16.09	53.75	74.00	-20.25	Vertical
6	17627.6410	37.02	18.06	55.08	74.00	-18.92	Vertical
7	17945.3682	36.04	19.48	55.52	74.00	-18.48	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17627.6410	27.14	18.06	45.20	54.00	-8.80	Vertical
2	17945.3682	26.67	19.48	46.15	54.00	-7.85	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
4. Average result: Peak 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.

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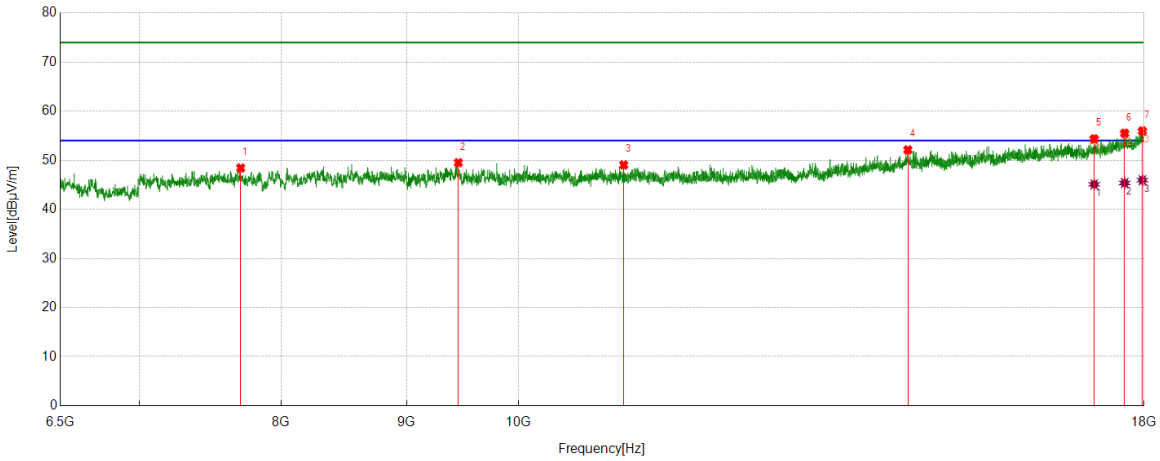
Test Mode	Channel	Polarization	Verdict
BLE 1M	MCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	7701.9002	42.88	5.54	48.42	74.00	-25.58	Horizontal
2	9450.1188	42.90	6.60	49.50	74.00	-24.50	Horizontal
3	11038.7548	41.83	7.21	49.04	74.00	-24.96	Horizontal
4	14417.3022	39.20	12.91	52.11	74.00	-21.89	Horizontal
5	17176.2095	37.80	16.53	54.33	74.00	-19.67	Horizontal
6	17675.0844	37.39	18.10	55.49	74.00	-18.51	Horizontal
7	17972.6841	36.27	19.68	55.95	74.00	-18.05	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17176.2095	28.56	16.53	45.09	54.00	-8.91	Horizontal
2	17675.0844	27.27	18.10	45.37	54.00	-8.63	Horizontal
3	17972.6841	26.26	19.68	45.94	54.00	-8.06	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
4. Average result: Peak 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.

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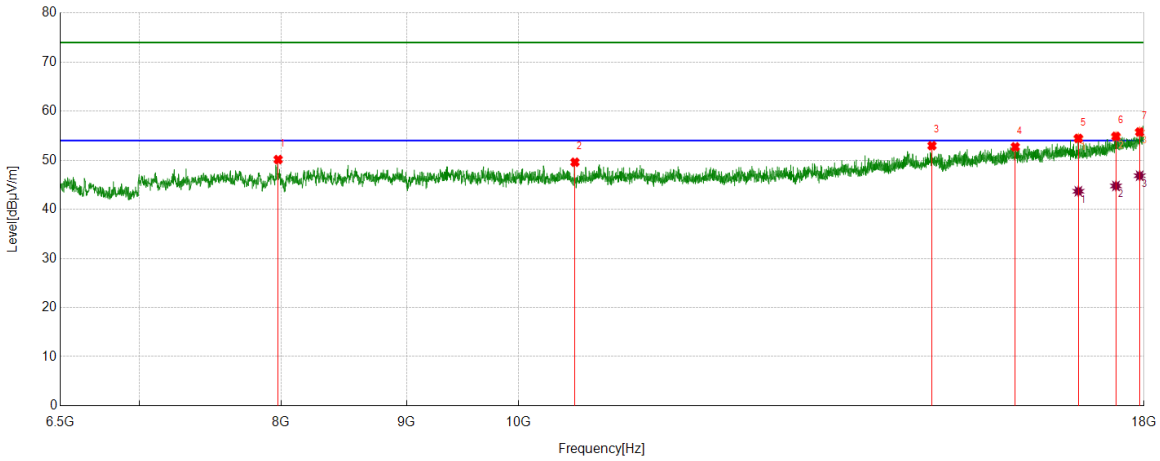
Test Mode	Channel	Polarization	Verdict
BLE 1M	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	7977.9347	44.77	5.37	50.14	74.00	-23.86	Vertical
2	10544.1930	42.72	6.88	49.60	74.00	-24.40	Vertical
3	14747.9685	40.09	12.87	52.96	74.00	-21.04	Vertical
4	15948.4311	38.27	14.45	52.72	74.00	-21.28	Vertical
5	16923.1779	38.35	16.10	54.45	74.00	-19.55	Vertical
6	17531.3164	37.29	17.58	54.87	74.00	-19.13	Vertical
7	17926.6783	36.38	19.37	55.75	74.00	-18.25	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16923.1779	27.58	16.10	43.68	54.00	-10.32	Vertical
2	17531.3164	27.18	17.58	44.76	54.00	-9.24	Vertical
3	17926.6783	27.48	19.37	46.85	54.00	-7.15	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
4. Average result: Peak 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.

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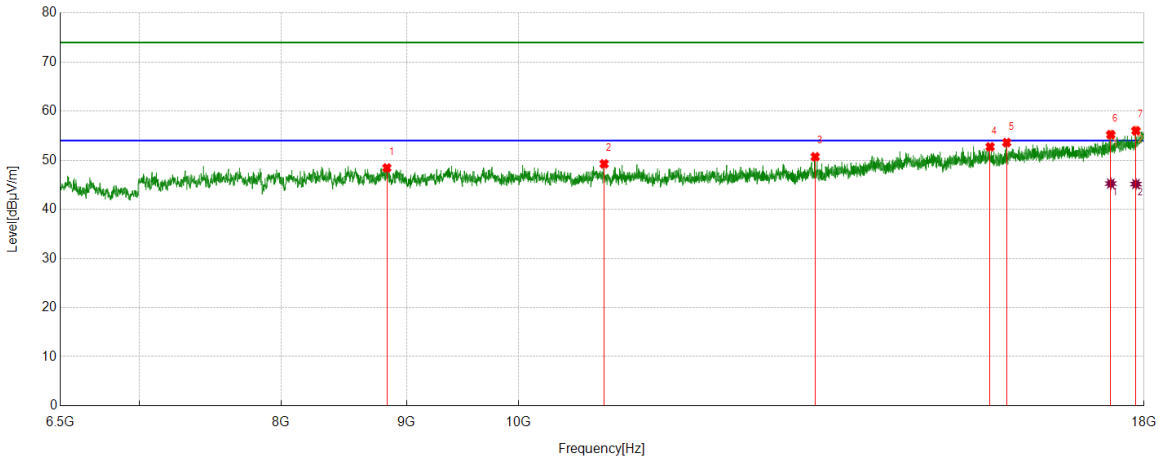
Test Mode	Channel	Polarization	Verdict
BLE 1M	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	8836.2295	42.11	6.33	48.44	74.00	-25.56	Horizontal
2	10837.4797	42.21	7.05	49.26	74.00	-24.74	Horizontal
3	13215.4019	40.67	10.04	50.71	74.00	-23.29	Horizontal
4	15576.0720	39.07	13.66	52.73	74.00	-21.27	Horizontal
5	15820.4776	39.03	14.57	53.60	74.00	-20.40	Horizontal
6	17446.4933	37.65	17.57	55.22	74.00	-18.78	Horizontal
7	17863.4204	36.76	19.25	56.01	74.00	-17.99	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17446.4933	27.68	17.57	45.25	54.00	-8.75	Horizontal
2	17863.4204	25.90	19.25	45.15	54.00	-8.85	Horizontal
3	17939.6175	26.58	19.45	46.03	54.00	-7.97	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
4. Average result: Peak 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.

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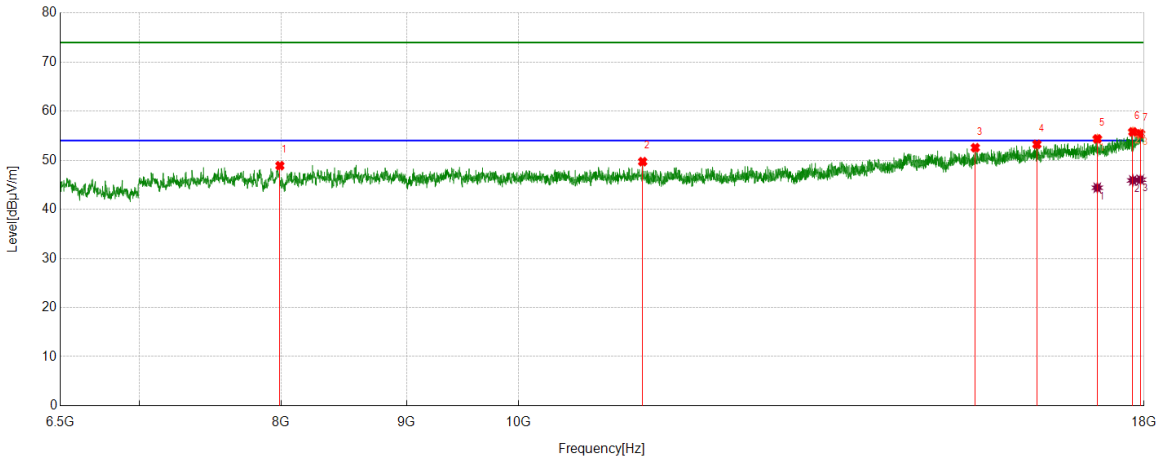
Test Mode	Channel	Polarization	Verdict
BLE 1M	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	7990.8739	43.31	5.58	48.89	74.00	-25.11	Vertical
2	11237.1546	42.44	7.27	49.71	74.00	-24.29	Vertical
3	15360.4201	38.92	13.63	52.55	74.00	-21.45	Vertical
4	16276.2220	38.06	15.19	53.25	74.00	-20.75	Vertical
5	17226.5283	37.64	16.71	54.35	74.00	-19.65	Vertical
6	17811.6640	36.85	18.93	55.78	74.00	-18.22	Vertical
7	17939.6175	35.94	19.45	55.39	74.00	-18.61	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17226.5283	27.69	16.71	44.40	54.00	-9.60	Vertical
2	17811.6640	26.96	18.93	45.89	54.00	-8.11	Vertical
3	17939.6175	26.58	19.45	46.03	54.00	-7.97	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
4. Average result: Peak 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.

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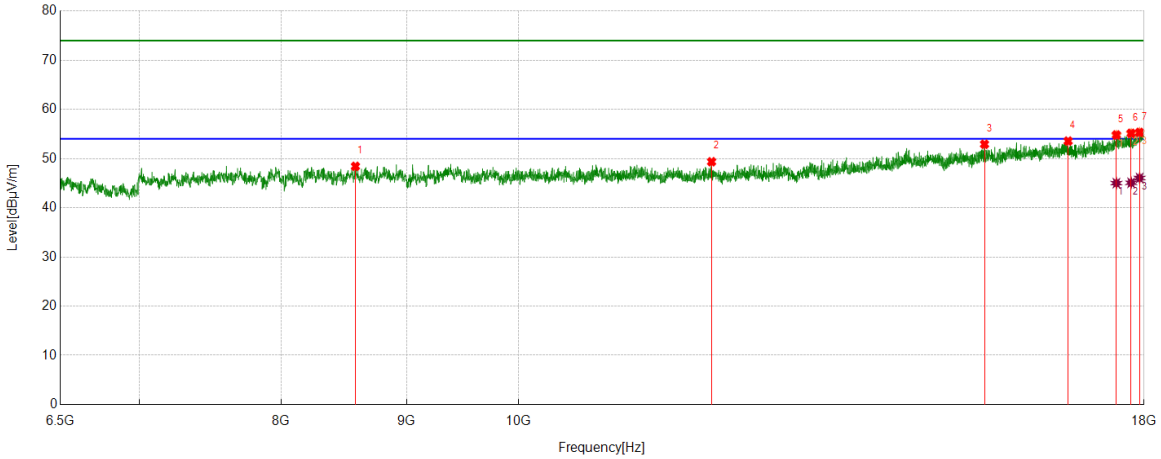
Test Mode	Channel	Polarization	Verdict
BLE 2M	LCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	8578.8849	42.01	6.42	48.43	74.00	-25.57	Horizontal
2	11989.0611	41.19	8.17	49.36	74.00	-24.64	Horizontal
3	15494.1243	38.96	13.96	52.92	74.00	-21.08	Horizontal
4	16760.7201	37.50	16.06	53.56	74.00	-20.44	Horizontal
5	17538.5048	37.12	17.69	54.81	74.00	-19.19	Horizontal
6	17782.9104	36.37	18.77	55.14	74.00	-18.86	Horizontal
7	17925.2407	35.95	19.37	55.32	74.00	-18.68	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17538.5048	27.32	17.69	45.01	54.00	-8.99	Horizontal
2	17782.9104	26.31	18.77	45.08	54.00	-8.92	Horizontal
3	17925.2407	26.68	19.37	46.05	54.00	-7.95	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
4. Average result: Peak 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.

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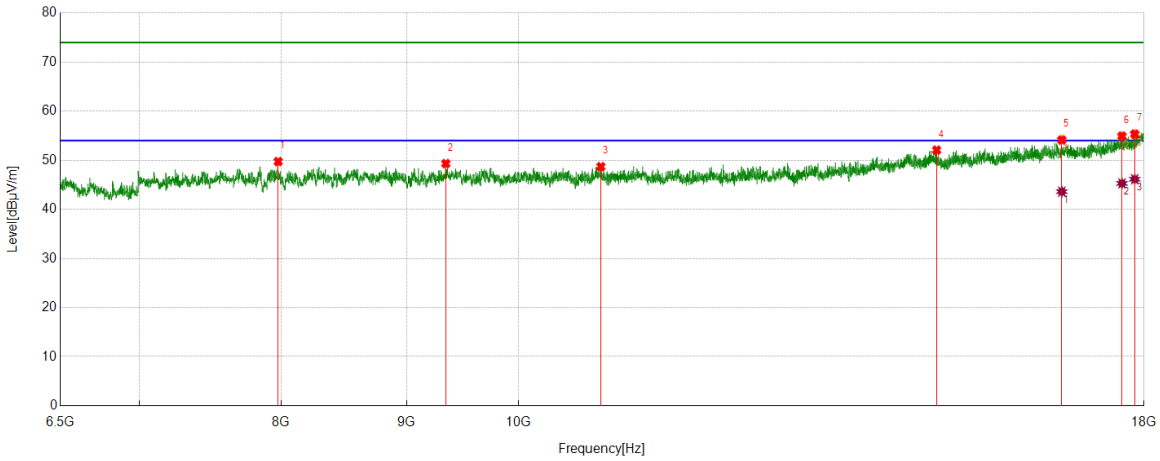
Test Mode	Channel	Polarization	Verdict
BLE 2M	LCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	7977.9347	44.36	5.37	49.73	74.00	-24.27	Vertical
2	9339.4174	42.98	6.34	49.32	74.00	-24.68	Vertical
3	10804.4131	41.74	6.96	48.70	74.00	-25.30	Vertical
4	14812.6641	39.21	12.86	52.07	74.00	-21.93	Vertical
5	16661.5202	38.49	15.64	54.13	74.00	-19.87	Vertical
6	17630.5163	36.88	18.05	54.93	74.00	-19.07	Vertical
7	17843.2929	36.23	19.10	55.33	74.00	-18.67	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16661.5202	27.97	15.64	43.61	54.00	-10.39	Vertical
2	17630.5163	27.23	18.05	45.28	54.00	-8.72	Vertical
3	17843.2929	27.04	19.10	46.14	54.00	-7.86	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
4. Average result: Peak 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.

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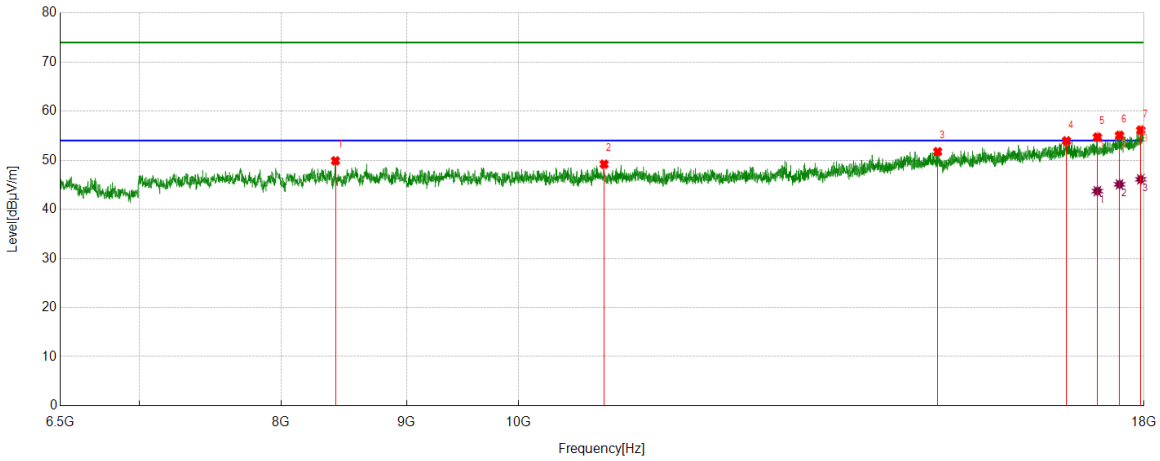
Test Mode	Channel	Polarization	Verdict
BLE 2M	MCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	8419.3024	43.97	5.92	49.89	74.00	-24.11	Horizontal
2	10837.4797	42.15	7.05	49.20	74.00	-24.80	Horizontal
3	14827.0409	38.85	12.89	51.74	74.00	-22.26	Horizontal
4	16734.8419	37.92	16.03	53.95	74.00	-20.05	Horizontal
5	17227.9660	37.99	16.71	54.70	74.00	-19.30	Horizontal
6	17590.2613	37.04	18.04	55.08	74.00	-18.92	Horizontal
7	17945.3682	36.66	19.48	56.14	74.00	-17.86	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17227.9660	27.00	16.71	43.71	54.00	-10.29	Horizontal
2	17590.2613	27.05	18.04	45.09	54.00	-8.91	Horizontal
3	17945.3682	26.63	19.48	46.11	54.00	-7.89	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
4. Average result: Peak 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.

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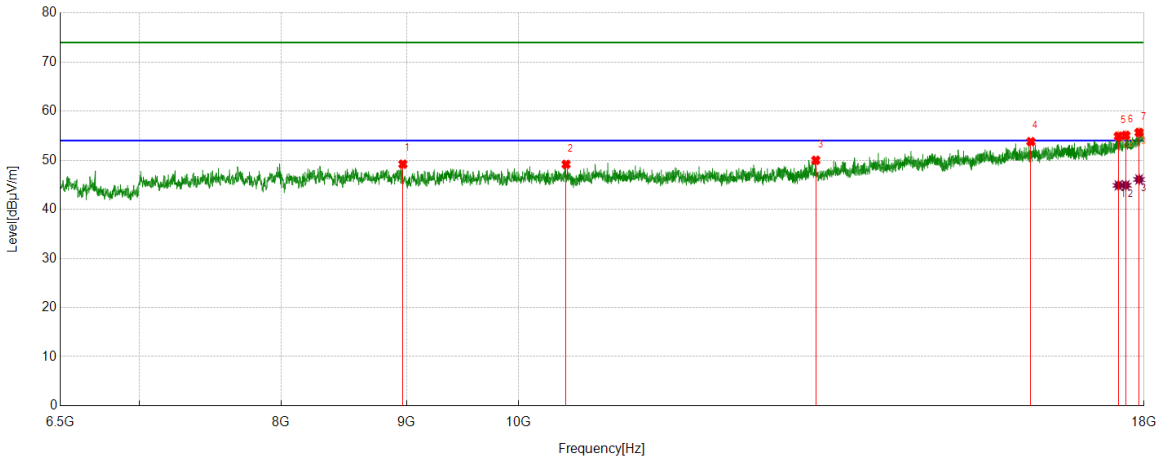
Test Mode	Channel	Polarization	Verdict
BLE 2M	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	8969.9337	43.05	6.15	49.20	74.00	-24.80	Vertical
2	10456.4946	42.47	6.69	49.16	74.00	-24.84	Vertical
3	13222.5903	40.01	9.99	50.00	74.00	-24.00	Vertical
4	16184.2105	38.66	15.13	53.79	74.00	-20.21	Vertical
5	17571.5714	37.00	17.90	54.90	74.00	-19.10	Vertical
6	17693.7742	36.87	18.21	55.08	74.00	-18.92	Vertical
7	17916.6146	36.34	19.32	55.66	74.00	-18.34	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17571.5714	26.98	17.90	44.88	54.00	-9.12	Vertical
2	17693.7742	26.69	18.21	44.90	54.00	-9.10	Vertical
3	17916.6146	26.77	19.32	46.09	54.00	-7.91	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
4. Average result: Peak 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.

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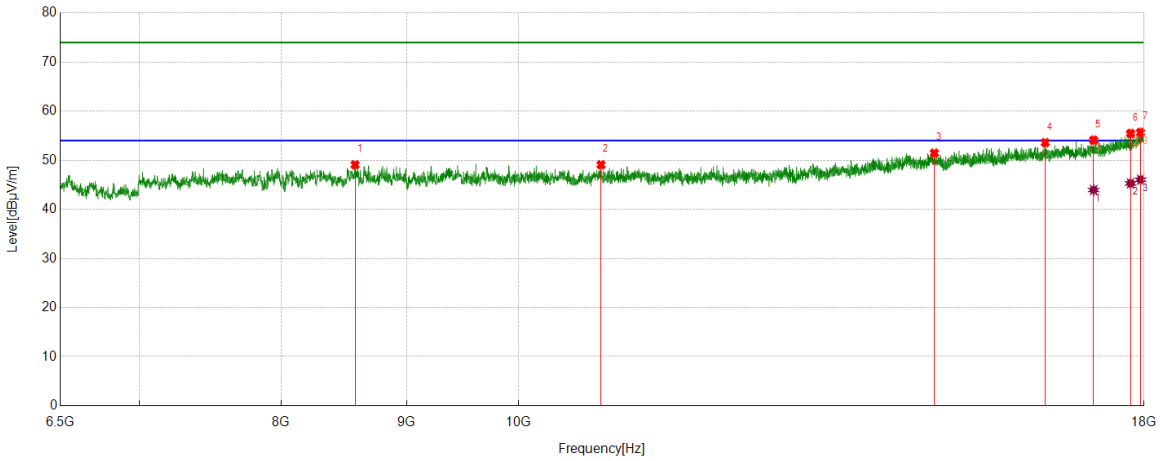
Test Mode	Channel	Polarization	Verdict
BLE 2M	HCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	8576.0095	42.73	6.35	49.08	74.00	-24.92	Horizontal
2	10805.8507	42.13	6.95	49.08	74.00	-24.92	Horizontal
3	14781.0351	38.62	12.84	51.46	74.00	-22.54	Horizontal
4	16404.1755	38.55	15.04	53.59	74.00	-20.41	Horizontal
5	17167.5834	37.63	16.47	54.10	74.00	-19.90	Horizontal
6	17774.2843	36.74	18.71	55.45	74.00	-18.55	Horizontal
7	17942.4928	36.22	19.46	55.68	74.00	-18.32	Horizontal

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	17167.5834	27.47	16.47	43.94	54.00	-10.06	Horizontal
2	17774.2843	26.57	18.71	45.28	54.00	-8.72	Horizontal
3	17942.4928	26.58	19.46	46.04	54.00	-7.96	Horizontal

Note: 1. Measurement = Reading Level + Correct Factor.
2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
4. Average result: Peak 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.

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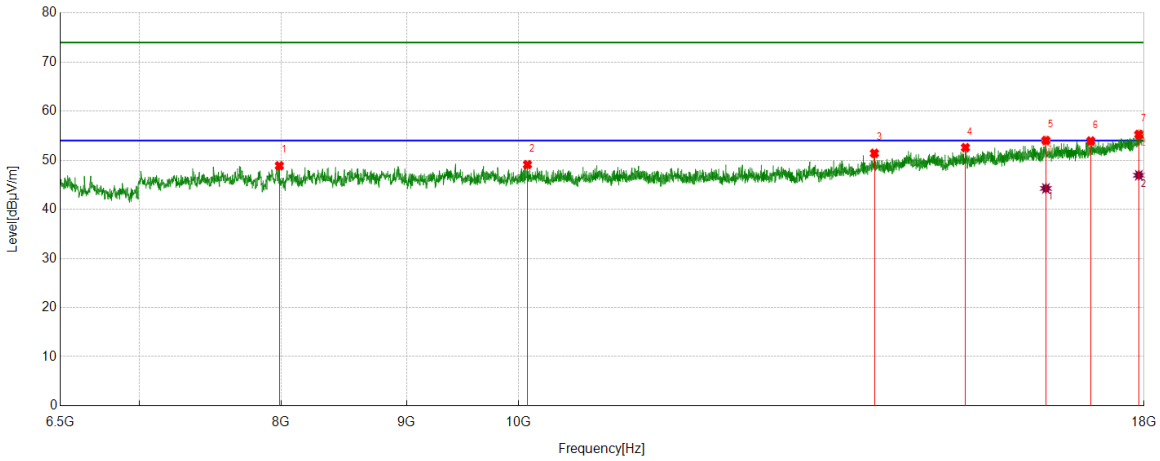
Test Mode	Channel	Polarization	Verdict
BLE 2M	HCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	7986.5608	43.35	5.52	48.87	74.00	-25.13	Vertical
2	10084.1355	42.47	6.64	49.11	74.00	-24.89	Vertical
3	13971.6215	39.90	11.51	51.41	74.00	-22.59	Vertical
4	15219.5274	39.18	13.39	52.57	74.00	-21.43	Vertical
5	16414.2393	38.91	15.11	54.02	74.00	-19.98	Vertical
6	17121.5777	37.45	16.48	53.93	74.00	-20.07	Vertical
7	17912.3015	35.98	19.28	55.26	74.00	-18.74	Vertical

AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	16414.2393	29.15	15.11	44.26	54.00	-9.74	Vertical
2	17912.3015	27.66	19.28	46.94	54.00	-7.06	Vertical

Note: 1. Measurement = Reading Level + Correct Factor.
2. If peak result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak result: Peak detector, RBW: 1 MHz, VBW: 3 MHz.
4. Average result: Peak 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.

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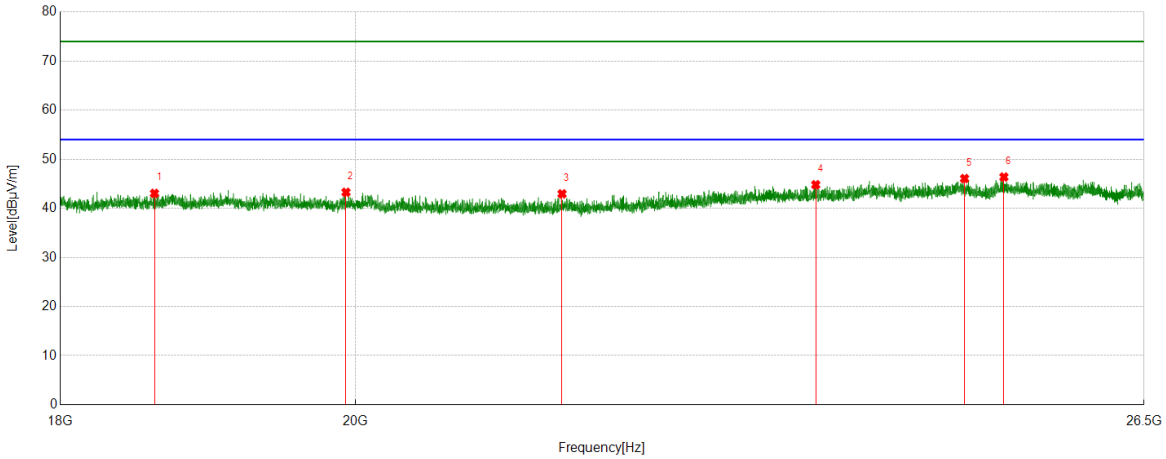
Part 3: 18GHz~26.5GHz

SPURIOUS EMISSIONS 18GHz TO 26.5GHz (WORST-CASE CONFIGURATION)

Test Mode	Channel	Polarization	Verdict
BLE 1M	MCH	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	18616.3116	49.44	-6.40	43.04	74.00	-30.96	Horizontal
2	19933.0933	48.41	-5.14	43.27	74.00	-30.73	Horizontal
3	21530.4030	48.78	-5.83	42.95	74.00	-31.05	Horizontal
4	23570.6071	47.91	-3.11	44.80	74.00	-29.20	Horizontal
5	24855.9356	49.47	-3.41	46.06	74.00	-27.94	Horizontal
6	25207.8708	49.78	-3.40	46.38	74.00	-27.62	Horizontal

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. Measurement = Reading Level + Correct Factor.
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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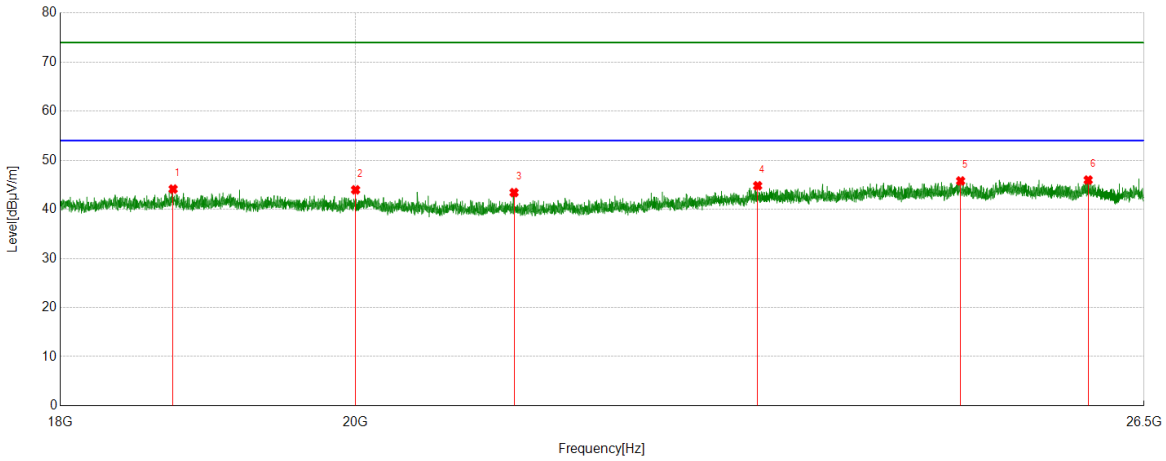
Test Mode	Channel	Polarization	Verdict
BLE 1M	MCH	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	18740.4240	50.36	-6.23	44.13	74.00	-29.87	Vertical
2	20001.1001	49.02	-5.05	43.97	74.00	-30.03	Vertical
3	21164.8665	49.37	-5.96	43.41	74.00	-30.59	Vertical
4	23086.9087	48.29	-3.49	44.80	74.00	-29.20	Vertical
5	24821.0821	49.14	-3.36	45.78	74.00	-28.22	Vertical
6	25977.1977	48.67	-2.70	45.97	74.00	-28.03	Vertical

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. Measurement = Reading Level + Correct Factor.
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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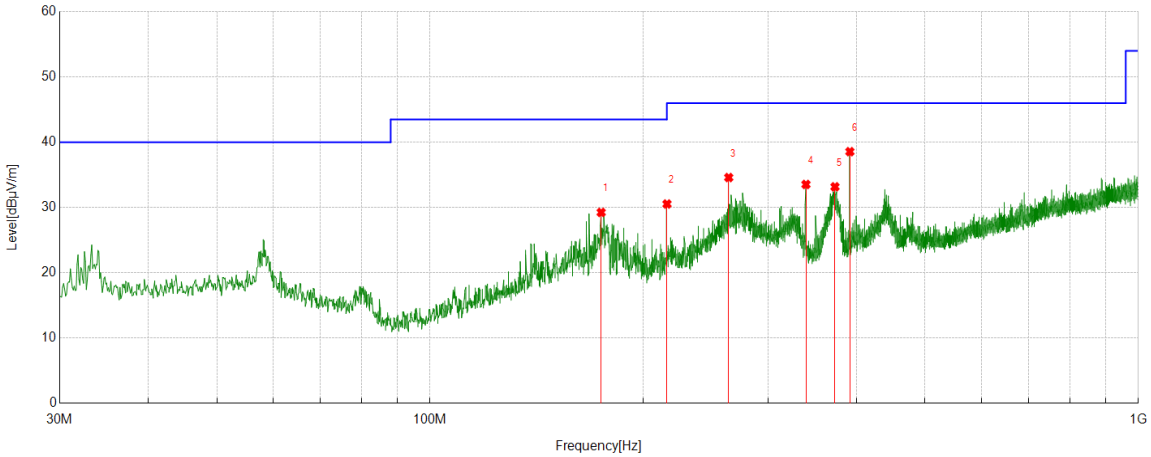
Part 4: 30MHz~1GHz

SPURIOUS EMISSIONS 30M TO 1GHz (WORST-CASE CONFIGURATION)

Test Mode	Channel	Polarization	Verdict
BLE 1M	MCH	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	174.4474	9.76	19.48	29.24	43.50	-14.26	Peak
2	216.0646	13.23	17.30	30.53	46.00	-15.47	Peak
3	264.0844	14.88	19.71	34.59	46.00	-11.41	Peak
4	339.4609	11.42	22.11	33.53	46.00	-12.47	Peak
5	373.0263	10.25	22.92	33.17	46.00	-12.83	Peak
6	391.5552	15.05	23.51	38.56	46.00	-7.44	Peak

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. Measurement = Reading Level + Correct Factor.

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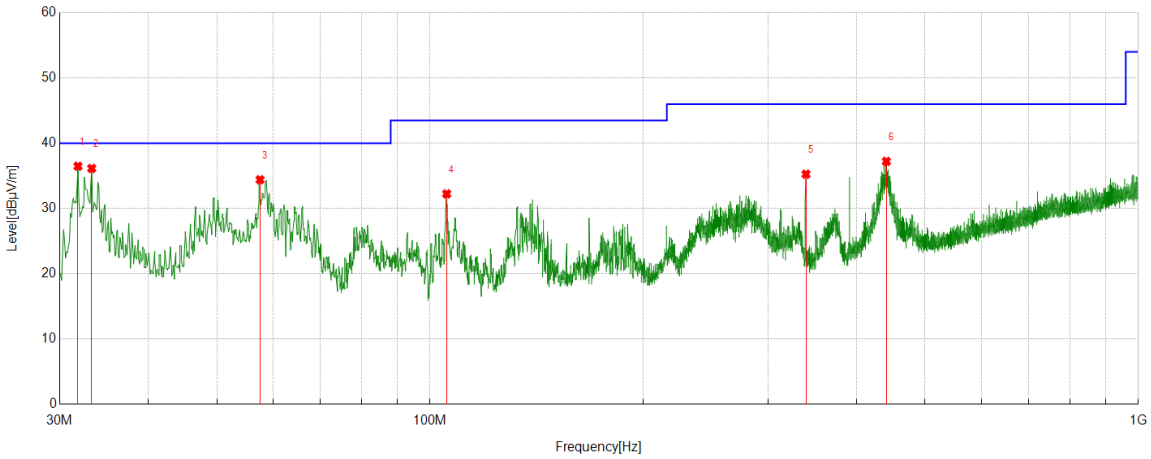
Test Mode	Channel	Polarization	Verdict
BLE 1M	MCH	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	31.8432	17.80	18.68	36.48	40.00	-3.52	Peak
2	33.2983	17.39	18.75	36.14	40.00	-3.86	Peak
3	57.5508	14.19	20.22	34.41	40.00	-5.59	Peak
4	105.5706	15.75	16.49	32.24	43.50	-11.26	Peak
5	339.4609	13.15	22.11	35.26	46.00	-10.74	Peak
6	440.8361	12.32	24.90	37.22	46.00	-8.78	Peak

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. Measurement = Reading Level + Correct Factor.

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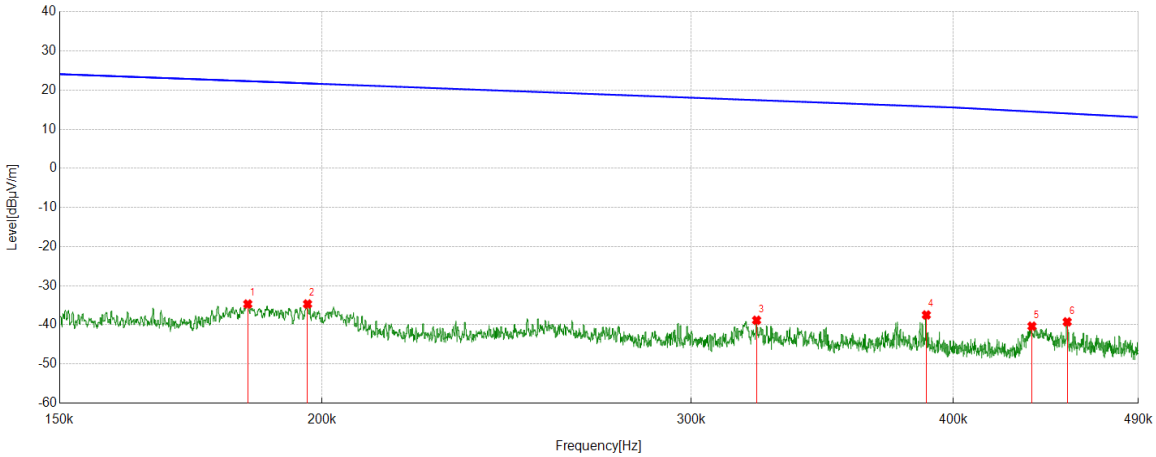
Part 5: 9kHz~30MHz

SPURIOUS EMISSIONS Below 30MHz (WORST CASE CONFIGURATION-FACE ON)

Test Mode	Channel	Frequency Range	Verdict
BLE 1M	MCH	9kHz~150kHz	PASS



No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dBuA/m]	[dBuA/m]	[dB]	
1	0.1844	27.07	-61.76	-34.69	22.29	-86.19	-29.21	-56.98	Peak
2	0.1969	27.09	-61.77	-34.68	21.72	-86.18	-29.78	-56.40	Peak
3	0.3223	22.99	-61.82	-38.83	17.44	-90.33	-34.06	-56.27	Peak
4	0.3883	24.36	-61.84	-37.48	15.82	-88.98	-35.68	-53.30	Peak
5	0.4360	21.50	-61.85	-40.35	14.51	-91.85	-36.99	-54.86	Peak
6	0.4532	22.61	-61.86	-39.25	14.03	-90.75	-37.47	-53.28	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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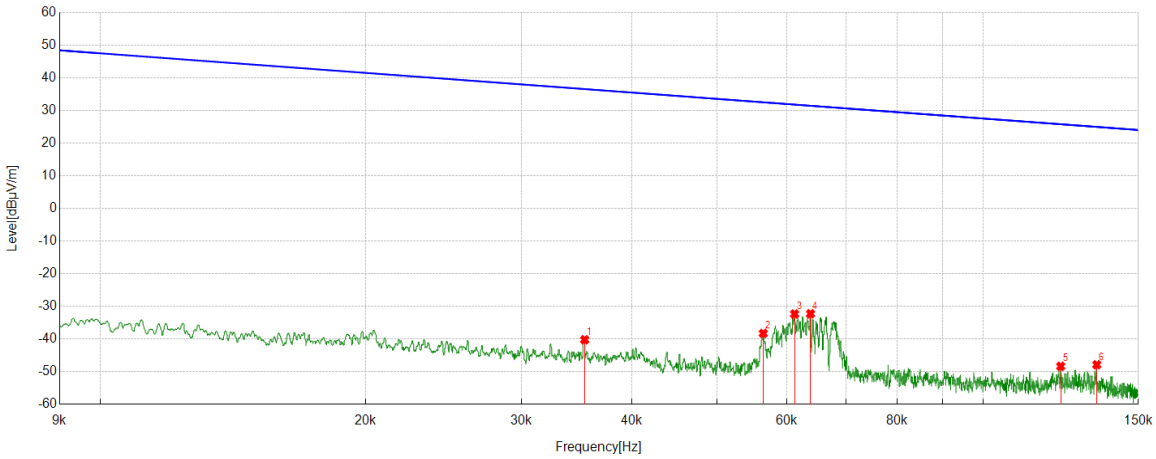
Test Mode	Channel	Frequency Range	Verdict
BLE 1M	MCH	150kHz~490kHz	PASS



No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dBuA/m]	[dBuA/m]	[dB]	
1	0.0354	21.32	-61.60	-40.28	36.63	-91.78	-14.87	-76.91	Peak
2	0.0564	23.28	-61.60	-38.32	32.58	-89.82	-18.92	-70.90	Peak
3	0.0612	29.24	-61.61	-32.37	31.86	-83.87	-19.64	-64.23	Peak
4	0.0638	29.32	-61.61	-32.29	31.51	-83.79	-19.99	-63.80	Peak
5	0.1225	13.32	-61.72	-48.4	25.84	-99.9	-25.66	-74.24	Peak
6	0.1346	13.79	-61.73	-47.94	25.03	-99.44	-26.47	-72.97	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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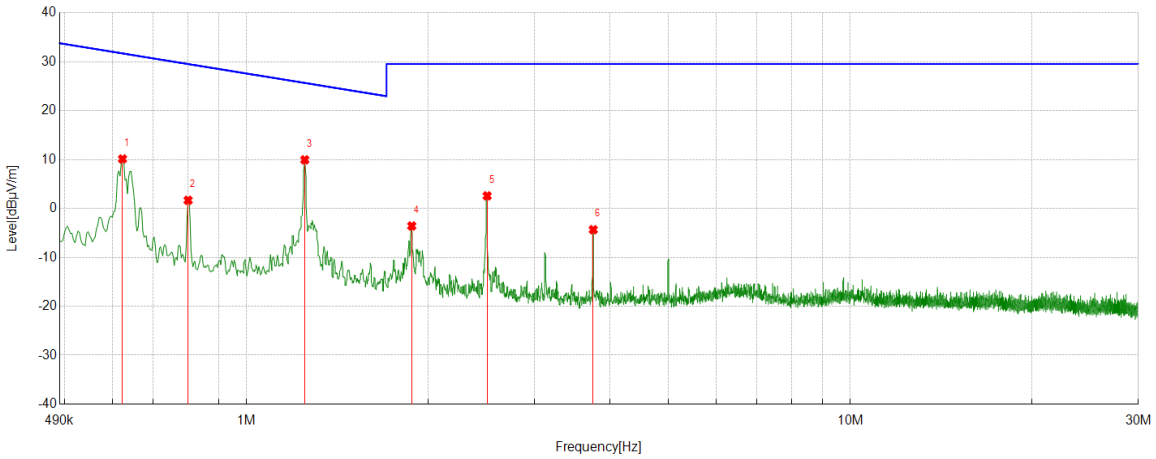
Test Mode	Channel	Frequency Range	Verdict
BLE 1M	MCH	490kHz~30MHz	PASS



No.	Frequency	Reading Level	Correct Factor	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	[MHz]	[dBuV]	[dB/m]	[dBuV/m]	[dBuV/m]	[dBuA/m]	[dBuA/m]	[dB]	
1	0.6228	32.02	-21.89	10.13	31.72	-41.37	-19.78	-21.59	Peak
2	0.7999	23.54	-21.87	1.67	29.54	-49.83	-21.96	-27.87	Peak
3	1.2485	31.80	-21.85	9.95	25.68	-41.55	-25.82	-15.73	Peak
4	1.8771	18.25	-21.82	-3.57	29.54	-55.07	-21.96	-33.11	Peak
5	2.5028	24.39	-21.81	2.58	29.54	-48.92	-21.96	-26.96	Peak
6	3.7512	17.42	-21.76	-4.34	29.54	-55.84	-21.96	-33.88	Peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. All 3 polarizations(Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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9. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

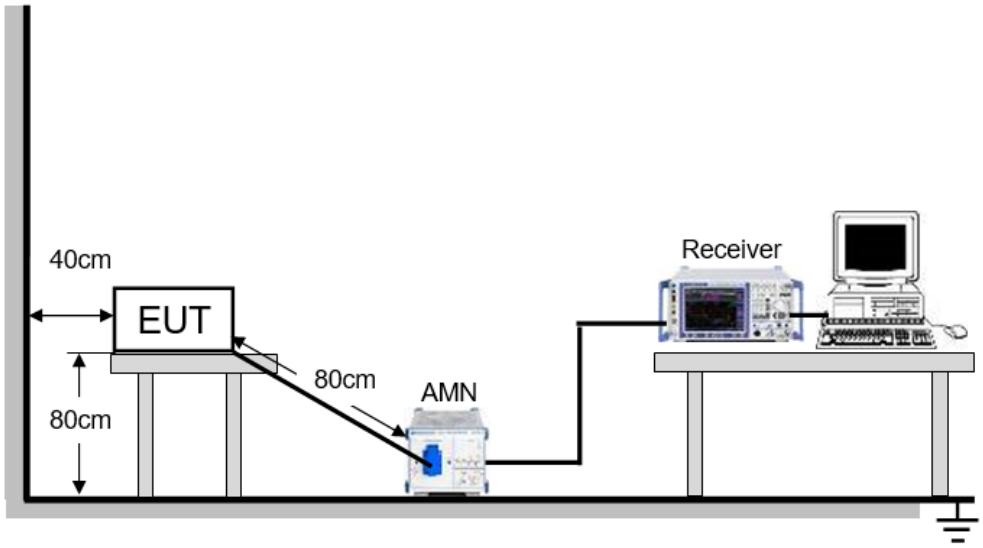
Please refer to FCC §15.207 (a)

FREQUENCY (MHz)	Limit (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 ENVIRONMENT

Temperature	22°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V

TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 12 mm 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 an Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 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.

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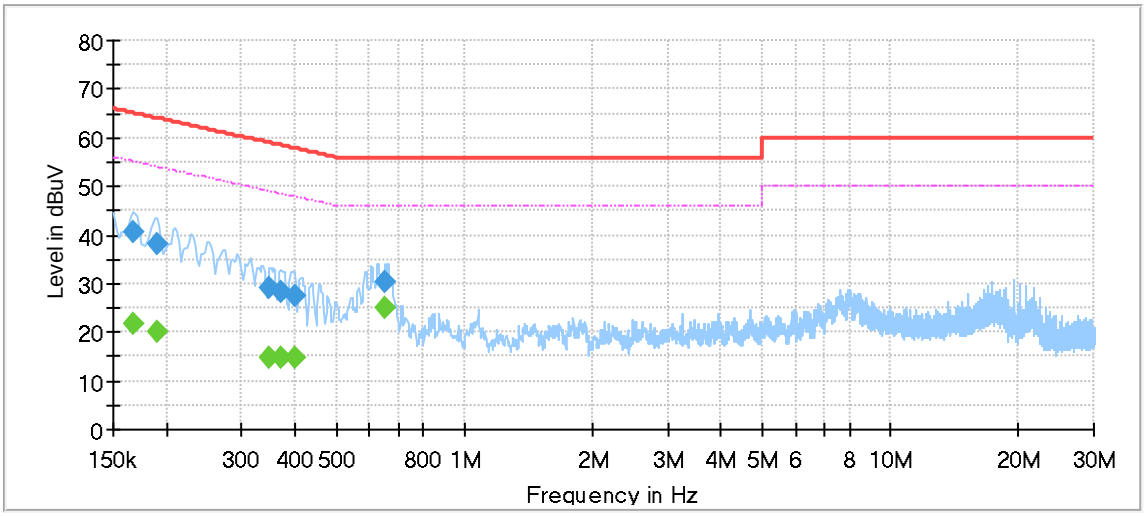
LINE L RESULTS (WORST-CASE CONFIGURATION)



Final_Result

Frequency [MHz]	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
0.167413	---	21.94	55.09	33.14	1000.0	9.000	L1	OFF	9.6
0.167413	40.57	---	65.09	24.52	1000.0	9.000	L1	OFF	9.6
0.189800	---	20.20	54.05	33.84	1000.0	9.000	L1	OFF	9.6
0.189800	38.26	---	64.05	25.78	1000.0	9.000	L1	OFF	9.6
0.349000	---	14.75	48.99	34.24	1000.0	9.000	L1	OFF	9.6
0.349000	29.20	---	58.99	29.78	1000.0	9.000	L1	OFF	9.6
0.371388	---	14.69	48.47	33.78	1000.0	9.000	L1	OFF	9.5
0.371388	28.41	---	58.47	30.06	1000.0	9.000	L1	OFF	9.5
0.398750	---	14.67	47.88	33.21	1000.0	9.000	L1	OFF	9.5
0.398750	27.48	---	57.88	30.40	1000.0	9.000	L1	OFF	9.5
0.652475	---	24.94	46.00	21.06	1000.0	9.000	L1	OFF	9.5
0.652475	30.33	---	56.00	25.67	1000.0	9.000	L1	OFF	9.5

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
5. Pre-testing all test modes and channels and find the MCH of BLE 1M which is the worst case, so only the worst case is included in this test report.
6. wo types of power supply will be collocated to the EUT, one is a adapter, another is a dock, both of them have been test, the result of the adapter is the worse case and recorded in this test report.

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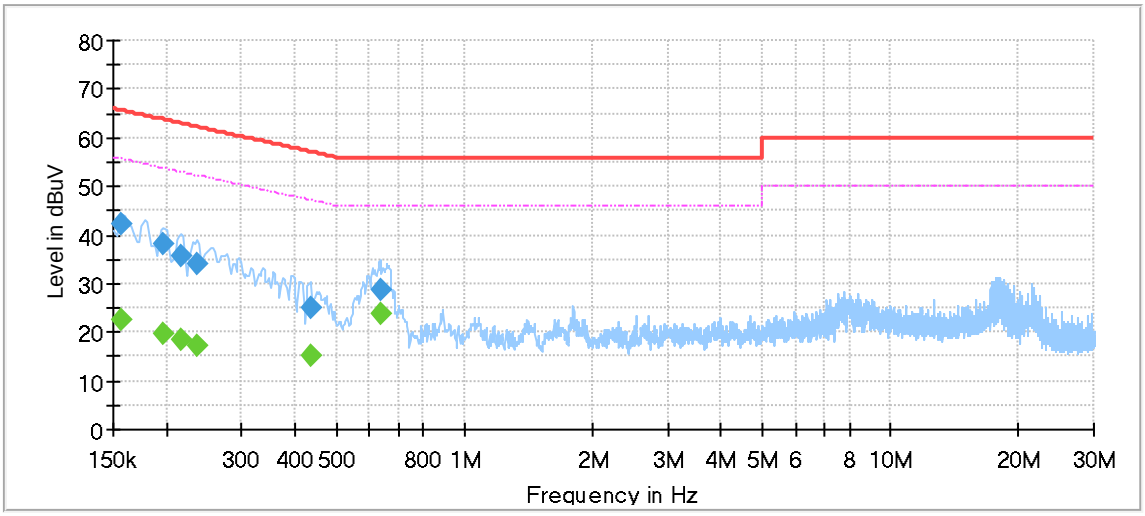
LINE N RESULTS (WORST-CASE CONFIGURATION)



Final_Result

Frequency [MHz]	QuasiPeak [dBµV]	Average [dBµV]	Limit [dBµV]	Margin [dB]	Meas. Time [ms]	Bandwidth [kHz]	Line	Filter	Corr. [dB]
0.157463	---	22.39	55.60	33.21	1000.0	9.000	N	OFF	9.6
0.157463	42.15	---	65.60	23.44	1000.0	9.000	N	OFF	9.6
0.197263	---	19.68	53.73	34.05	1000.0	9.000	N	OFF	9.6
0.197263	38.27	---	63.73	25.46	1000.0	9.000	N	OFF	9.6
0.217163	---	18.31	52.93	34.62	1000.0	9.000	N	OFF	9.5
0.217163	35.86	---	62.93	27.06	1000.0	9.000	N	OFF	9.5
0.237063	---	17.18	52.20	35.02	1000.0	9.000	N	OFF	9.5
0.237063	34.18	---	62.20	28.02	1000.0	9.000	N	OFF	9.5
0.436063	---	15.06	47.14	32.08	1000.0	9.000	N	OFF	9.5
0.436063	25.06	---	57.14	32.07	1000.0	9.000	N	OFF	9.5
0.635063	---	23.78	46.00	22.22	1000.0	9.000	N	OFF	9.5
0.635063	28.75	---	56.00	27.25	1000.0	9.000	N	OFF	9.5

Note: 1. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
3. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.
4. The extension cord/outlet strip was calibrated with the LISN as required by ANSI C63.10:2013 Clause 6.2.2.
5. Pre-testing all test modes and channels and find the MCH of BLE 1M which is the worst case, so only the worst case is included in this test report.
6. wo types of power supply will be collocated to the EUT, one is a adapter, another is a dock, both of them have been test, the result of the adapter is the worse case and recorded in this test report.

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10. 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 GAIN

The antenna gain of EUT is less than 6 dBi

END OF REPORT

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