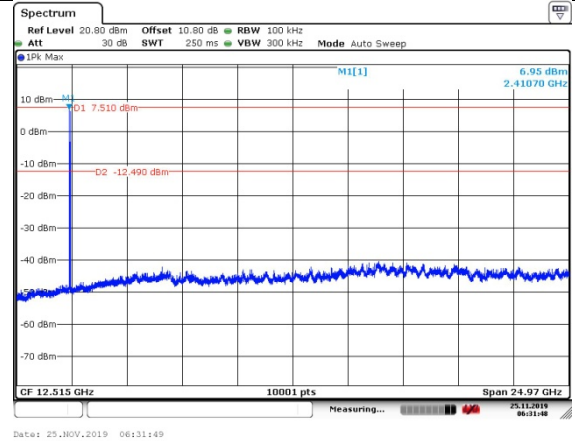
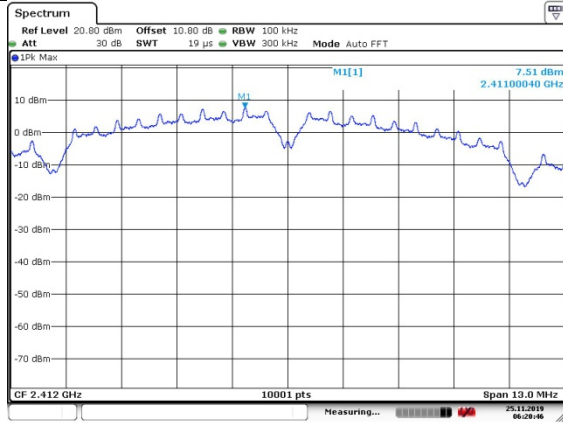


Conducted Out of band emission measurement

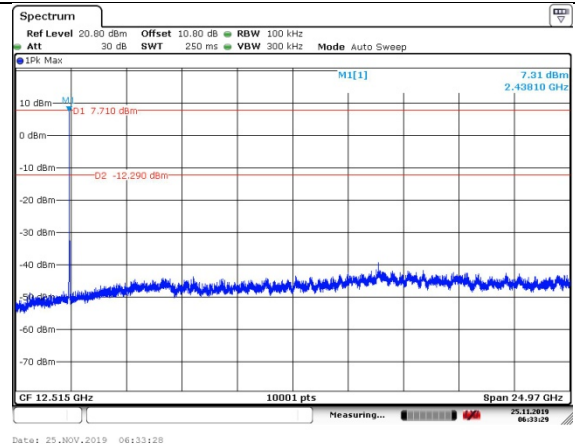
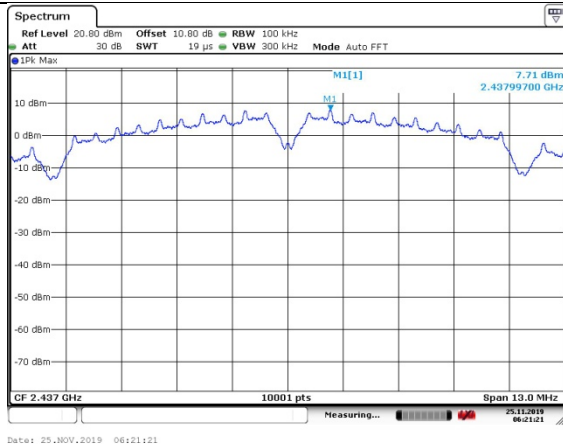
Offset 10.8dB = Attenuator 10dB+ Temporary antenna connector loss 0.2dB+ Cable loss 0.6dB

802.11b (SISO Ant1)

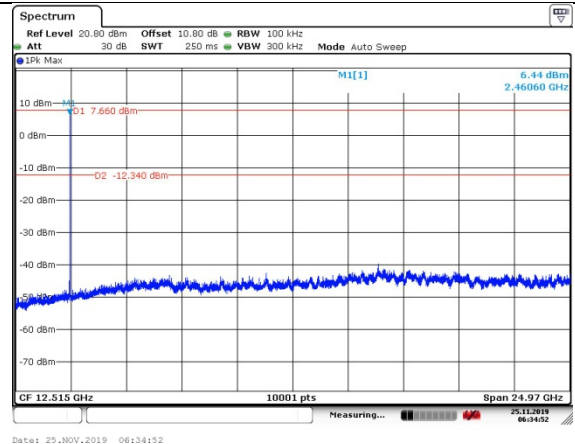
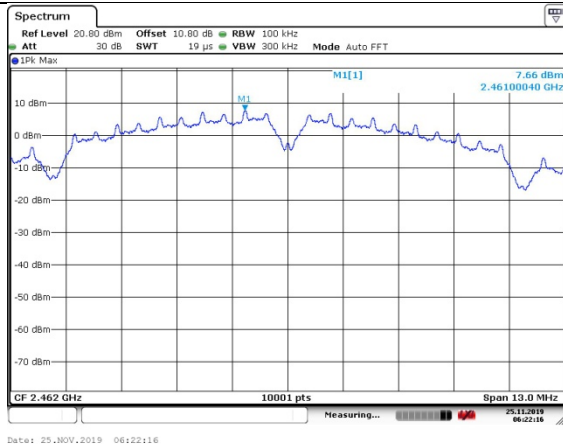
CH1



CH6

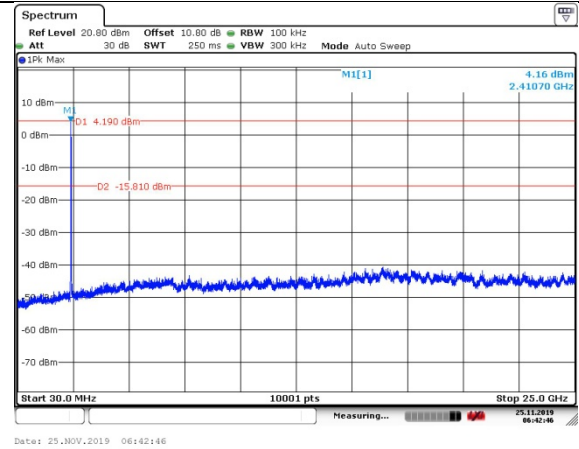
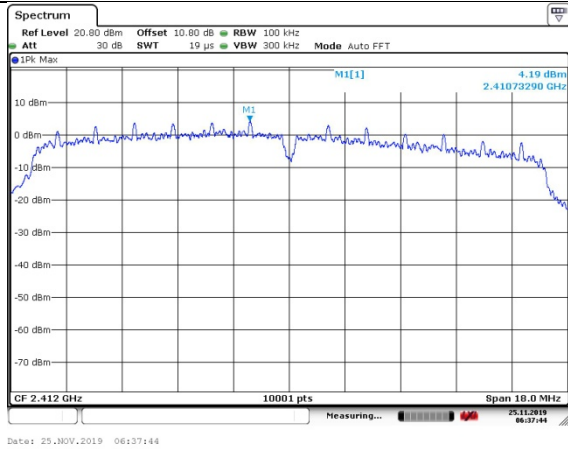


CH11

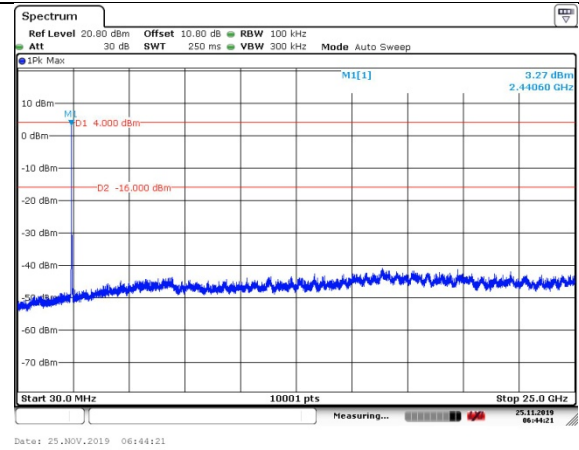
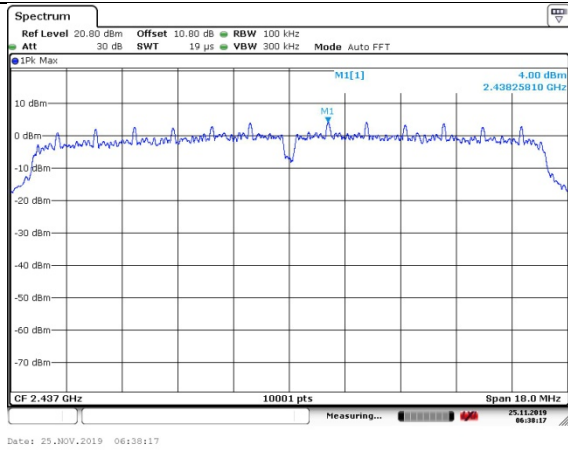


802.11g (SISO Ant1)

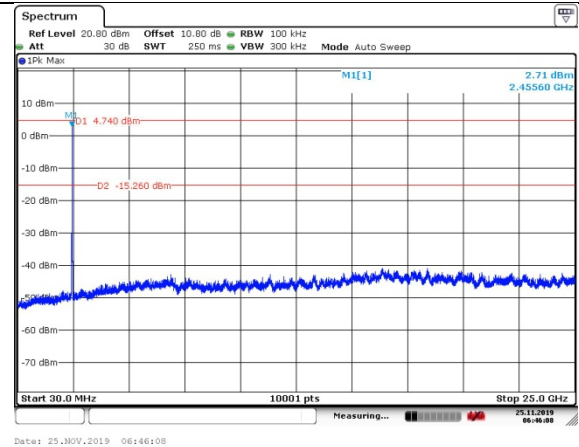
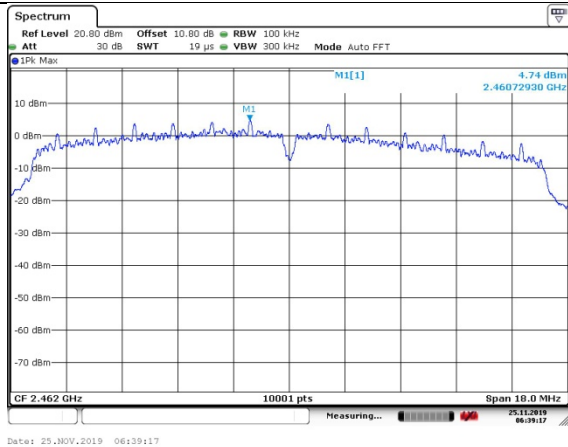
CH1



CH6

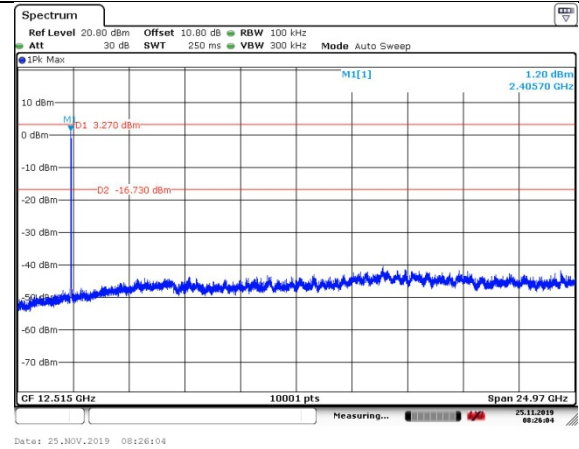
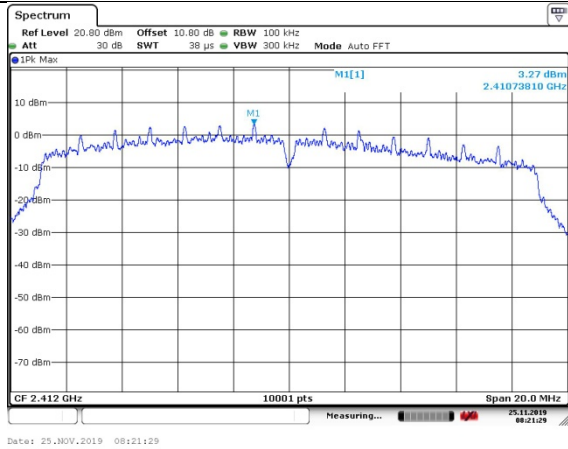


CH11

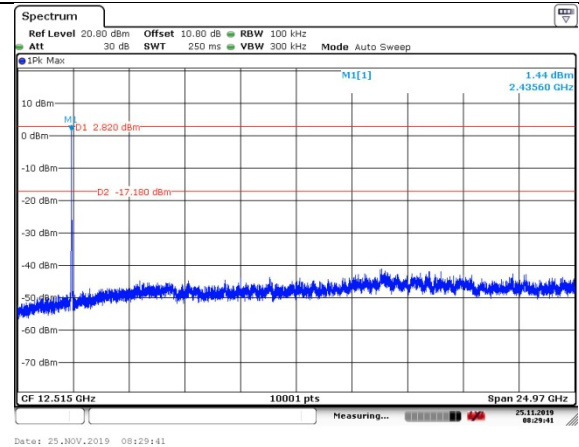
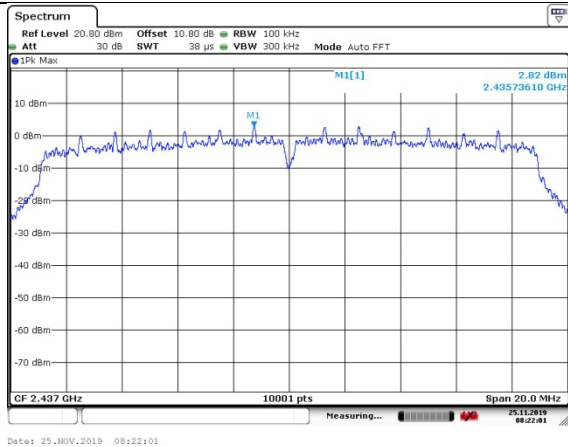


802.11n (20MHz) (SISO Ant1)

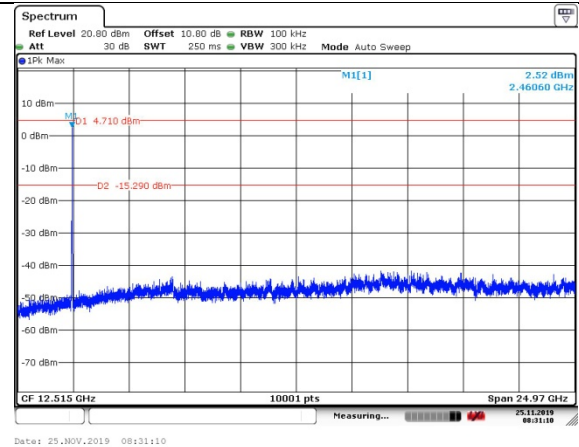
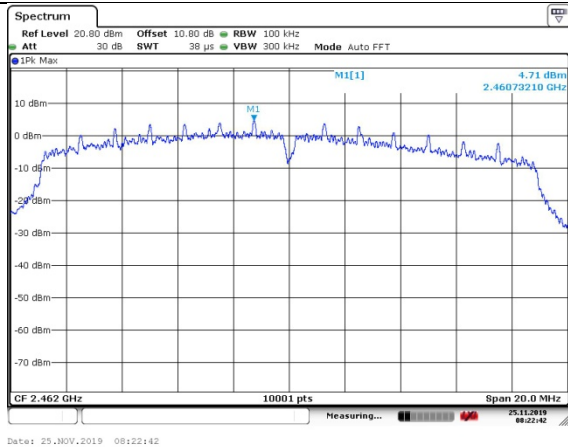
CH1



CH6



CH11

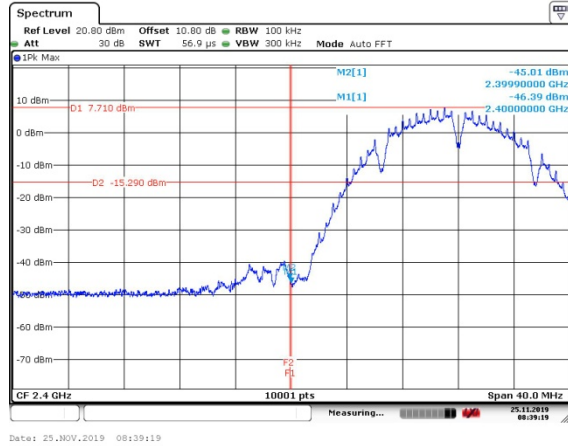


Band edge measurement (RF Conducted measurement)

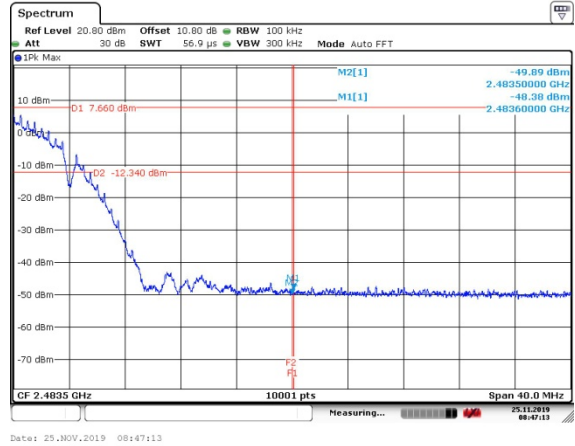
Offset 10.8dB = Attenuator 10dB+ Temporary antenna connector loss 0.2dB+ Cable loss 0.6dB

802.11b (SISO Ant1)

CH1

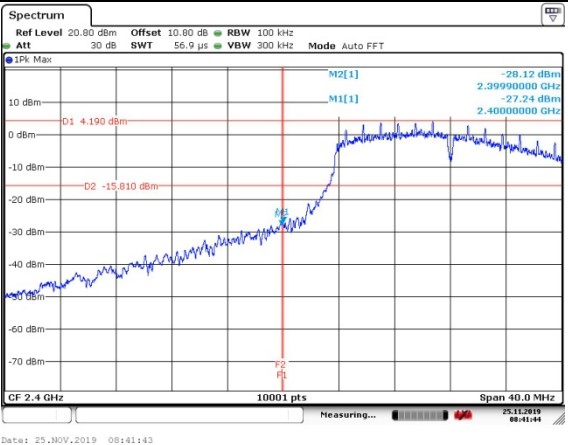


CH11

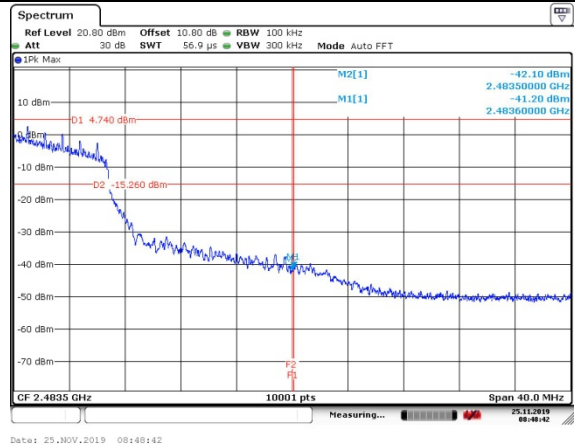


802.11g (SISO Ant1)

CH1

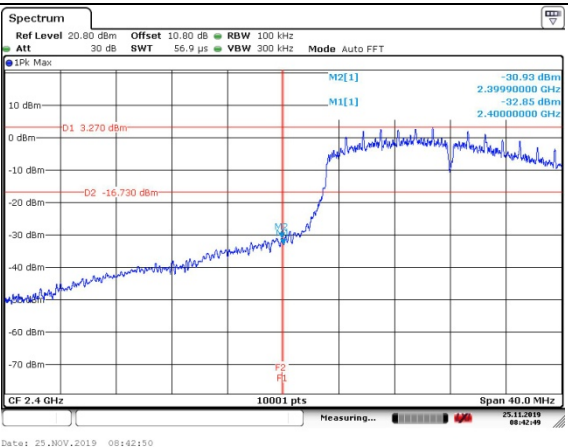


CH11

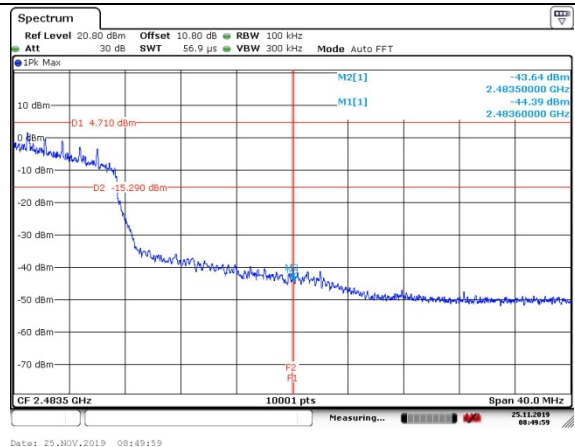


802.11n (20MHz) (SISO Ant1)

CH1



CH11



APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emission Band Edge

The worst case attitude: The eut lay down.

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (101.90dBuV/m) = (67.90 dBμV) + (8.90 dB) + (25.10 dB), the corresponding frequency is 2412MHz.

Carrier frequency (MHz): 2412

Channel No.:1

Test Mode: 802.11b

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuv/m)	cable loss (dB)	antenna factor (dB)
1	2412	101.90	67.90	N/A	N/A	8.90	25.10
2	2390	61.46	27.46	-12.54	74.00	8.90	25.10

Carrier frequency (MHz): 2412

Channel No.:1

Test Mode: 802.11b

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuv/m)	cable loss (dB)	antenna factor (dB)
1	2412	96.22	62.22	N/A	N/A	8.90	25.10
2	2390	59.44	25.44	-14.56	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11b
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2412	87.82	53.82	N/A	N/A	8.90	25.10
2	2390	40.71	6.71	-13.29	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11b
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2412	85.37	51.37	N/A	N/A	8.90	25.10
2	2390	40.99	6.99	-13.01	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11b
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	101.94	67.94	N/A	N/A	8.90	25.10
2	2483.5	61.80	27.80	-12.20	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11b
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	95.69	61.69	N/A	N/A	8.90	25.10
2	2483.5	61.18	27.18	-12.82	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11b
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	90.21	56.21	N/A	N/A	8.90	25.10
2	2483.5	42.61	8.61	-11.39	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11b
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	85.08	51.08	N/A	N/A	8.90	25.10
2	2483.5	40.69	6.69	-13.31	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11g
Polarity: Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2412	100.94	66.94	N/A	N/A	8.90	25.10
2	2390	58.63	24.63	-15.37	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11g
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2412	96.55	62.55	N/A	N/A	8.90	25.10
2	2390	61.29	27.29	-12.71	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11g
Polarity: Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2412	90.70	56.70	N/A	N/A	8.90	25.10
2	2390	42.46	8.46	-11.54	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11g
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2412	85.92	51.92	N/A	N/A	8.90	25.10
2	2390	41.55	7.55	-12.45	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11g
Polarity: Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	100.42	66.42	N/A	N/A	8.90	25.10
2	2483.5	60.49	26.49	-13.51	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11g
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	95.30	61.30	N/A	N/A	8.90	25.10
2	2483.5	60.61	26.61	-13.39	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11g
Polarity: Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	88.53	54.53	N/A	N/A	8.90	25.10
2	2483.5	42.19	8.19	-11.81	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11g
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	87.59	53.59	N/A	N/A	8.90	25.10
2	2483.5	41.90	7.90	-12.10	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11n(HT20)
Polarity: Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2412	102.93	68.93	N/A	N/A	8.90	25.10
2	2390	59.61	25.61	-14.39	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11n(HT20)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2412	94.73	60.73	N/A	N/A	8.90	25.10
2	2390	61.09	27.09	-12.91	74.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11n(HT20)
Polarity: Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2412	87.32	53.32	N/A	N/A	8.90	25.10
2	2390	42.34	8.34	-11.66	54.00	8.90	25.10

Carrier frequency (MHz): 2412
Channel No.:1
Test Mode: 802.11n(HT20)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2412	85.91	51.91	N/A	N/A	8.90	25.10
2	2390	40.22	6.22	-13.78	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11n(HT20)
Polarity: Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	100.23	66.23	N/A	N/A	8.90	25.10
2	2483.5	59.13	25.13	-14.87	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11n(HT20)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	95.39	61.39	N/A	N/A	8.90	25.10
2	2483.5	60.73	26.73	-13.27	74.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11n(HT20)
Polarity: Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	90.38	56.38	N/A	N/A	8.90	25.10
2	2483.5	42.90	8.90	-11.10	54.00	8.90	25.10

Carrier frequency (MHz): 2462
Channel No.:11
Test Mode: 802.11n(HT20)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2462	84.31	50.31	N/A	N/A	8.90	25.10
2	2483.5	42.00	8.00	-12.00	54.00	8.90	25.10

Sample Calculations

Determining Spurious Emissions Levels

A “reference path loss” is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

The measurement results are obtained as described below:

Result= $P_{mea} + A_{Rpl}$

Sample calculation: $(33.62 \text{ dB}\mu\text{V/m}) = (47.42 \text{ dB}\mu\text{V}) + (-13.6 \text{ dB/m})$, the corresponding frequency is 30.404167MHz.

The worst case attitude: The eut lay down.

For 802.11b Channel No.:1

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Polarity	ARpl (dB)	Pmea (dBuV/m)
31.552000	21.90	40.00	Vertical	-20.7	42.60
69.236500	28.99	40.00	Vertical	-21.4	50.39
85.047500	19.63	40.00	Vertical	-22.2	41.83
172.832500	22.65	43.50	Vertical	-20.5	43.15
173.996500	22.78	43.50	Vertical	-20.4	43.18
954.507000	20.13	46.00	Vertical	-0.8	20.93

For 802.11g Channel No.:1

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Polarity	ARpl (dB)	Pmea (dBuV/m)
30.921500	22.78	40.00	Vertical	-20.9	43.68
59.342500	17.07	40.00	Vertical	-18.3	35.37
67.927000	28.64	40.00	Vertical	-21.0	49.64
70.934000	28.27	40.00	Vertical	-21.8	50.07
173.899500	22.47	43.50	Vertical	-20.4	42.87
949.220500	19.97	46.00	Vertical	-0.9	20.87

For 802.11n(HT20) Channel No.:1

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Polarity	ARpl (dB)	Pmea (dBuV/m)
31.503500	21.78	40.00	Vertical	-20.7	42.48
59.924500	16.86	40.00	Vertical	-18.4	35.26
69.576000	28.96	40.00	Vertical	-21.5	50.46
86.308500	19.14	40.00	Vertical	-21.8	40.94
172.638500	22.10	43.50	Vertical	-20.5	42.60
173.899500	22.24	43.50	Vertical	-20.4	42.64

For 802.11b Channel No.:6

Frequency	Result	Limit	Polarity	ARpl	Pmea
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(MHz)	(dBuV/m)	(dBuV/m)		(dB)	(dBuV/m)
30.727500	23.00	40.00	Vertical	-20.9	43.90
58.809000	18.05	40.00	Vertical	-18.2	36.25
69.430500	29.27	40.00	Vertical	-21.5	50.77
173.075000	21.82	43.50	Vertical	-20.5	42.32
173.802500	22.06	43.50	Vertical	-20.4	42.46
941.315000	20.03	46.00	Vertical	-1.0	21.03

For 802.11g Channel No.:6

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Polarity	ARpl (dB)	Pmea (dBuV/m)
30.048500	24.66	40.00	Vertical	-21.2	45.86
58.081500	18.49	40.00	Vertical	-18.1	36.59
69.333500	29.49	40.00	Vertical	-21.4	50.89
70.303500	29.21	40.00	Vertical	-21.7	50.91
85.532500	19.22	40.00	Vertical	-22.1	41.32
937.144000	19.88	46.00	Vertical	-1.0	20.88

For 802.11n(HT20) Channel No.:6

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Polarity	ARpl (dB)	Pmea (dBuV/m)
30.145500	25.05	40.00	Vertical	-21.1	46.15
55.317000	18.19	40.00	Vertical	-17.8	35.99
69.964000	29.57	40.00	Vertical	-21.6	51.17
85.920500	19.32	40.00	Vertical	-21.9	41.22
174.093500	22.30	43.50	Vertical	-20.4	42.70
956.447000	20.18	46.00	Vertical	-0.8	20.98

For 802.11b Channel No.:11

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Polarity	ARpl (dB)	Pmea (dBuV/m)
30.194000	24.61	40.00	Vertical	-21.1	45.71
58.518000	18.13	40.00	Vertical	-18.2	36.33
58.906000	18.22	40.00	Vertical	-18.3	36.52
69.818500	29.59	40.00	Vertical	-21.6	51.19
71.516000	27.67	40.00	Vertical	-22.0	49.67
173.511500	21.80	43.50	Vertical	-20.4	42.20

For 802.11g Channel No.:11

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Polarity	ARpl (dB)	Pmea (dBuV/m)
30.242500	24.29	40.00	Vertical	-21.1	45.39
55.947500	17.92	40.00	Vertical	-17.9	35.82

57.984500	18.98	40.00	Vertical	-18.1	37.08
70.255000	29.76	40.00	Vertical	-21.7	51.46
85.726500	19.23	40.00	Vertical	-22.0	41.23
175.063500	21.34	43.50	Vertical	-20.4	41.74

For 802.11n(HT20) Channel No.:11

Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Polarity	ARpl (dB)	Pmea (dBuV/m)
30.000000	26.08	40.00	Vertical	-21.2	47.28
59.536500	16.62	40.00	Vertical	-18.3	34.92
69.382000	28.49	40.00	Vertical	-21.4	49.89
85.920500	19.25	40.00	Vertical	-21.9	41.15
172.008000	23.17	43.50	Vertical	-20.5	43.67
173.220500	23.14	43.50	Vertical	-20.5	43.64

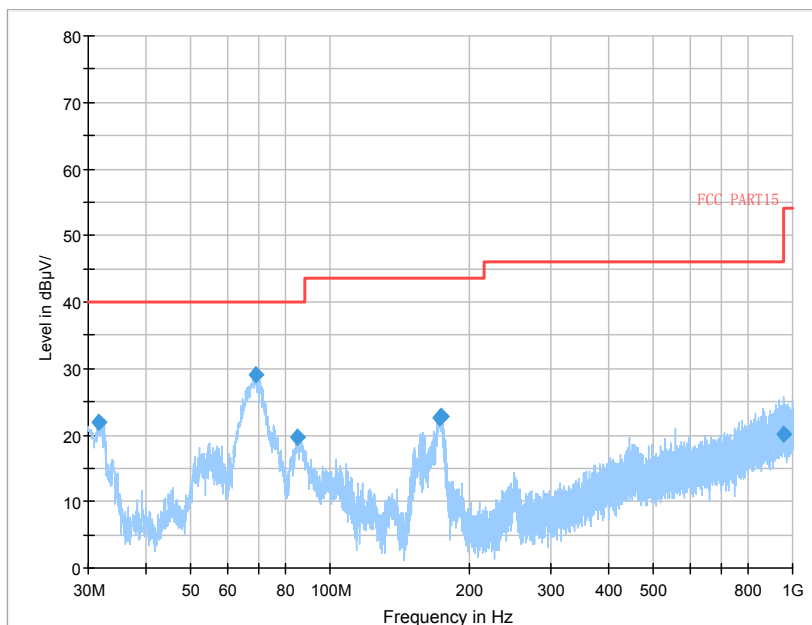
Test with secondary supply worst point:

802.11b

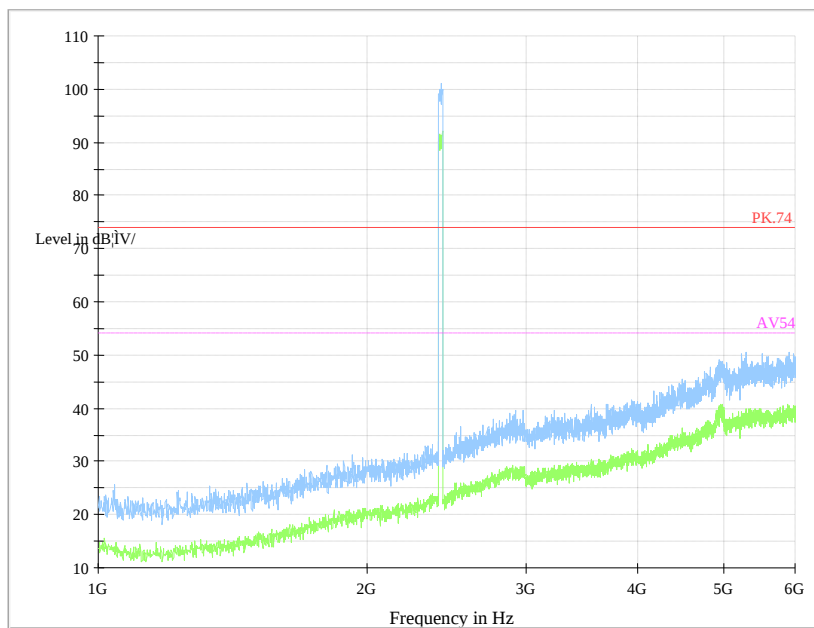
Frequency (MHz)	Result (dBuV/m)	Limit (dBuV/m)	Polarity	ARpl (dB)	Pmea (dBuV/m)
65.890000	24.66	40.00	Vertical	-20.3	45.59
75.396000	24.13	40.00	Vertical	-22.9	52.50
76.754000	22.99	40.00	Vertical	-23.2	53.55
76.851000	20.27	40.00	Vertical	-23.2	53.65
77.384500	21.66	40.00	Vertical	-23.3	54.08
77.869500	23.61	40.00	Vertical	-23.5	54.37

Carrier frequency (MHz): 2412

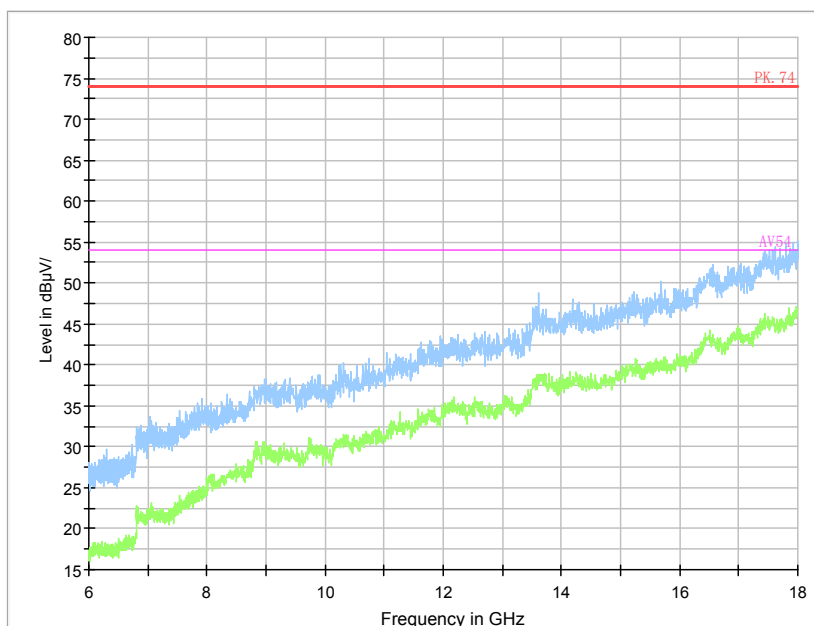
Channel No.:1



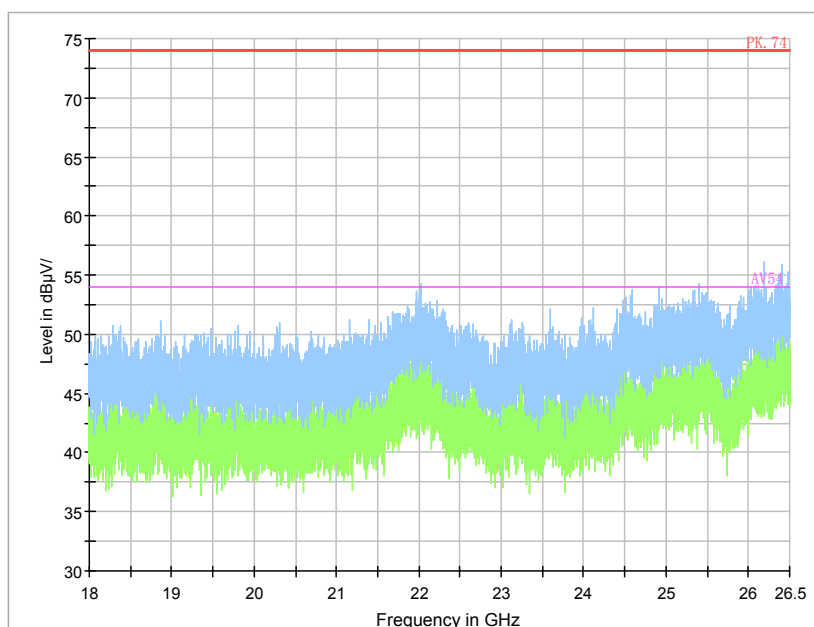
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



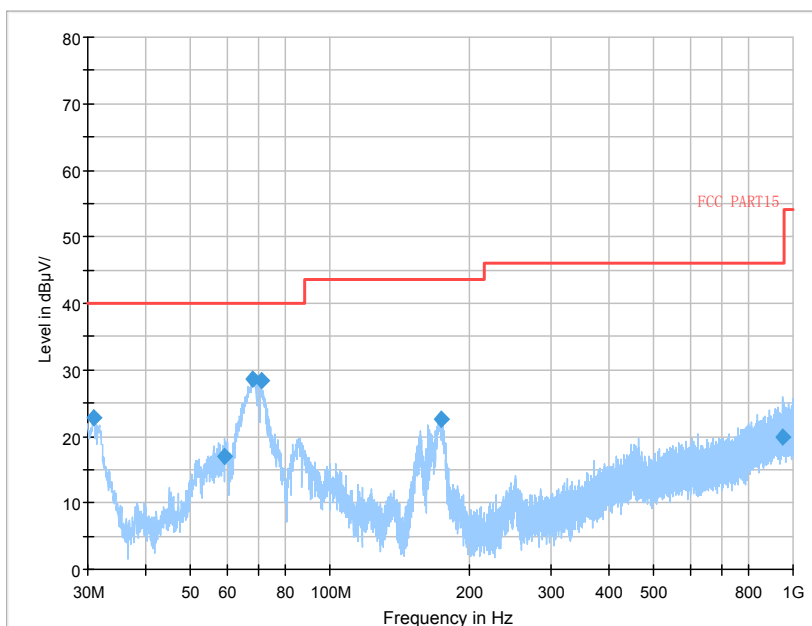
Frequency Range: 1GHz - 6GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



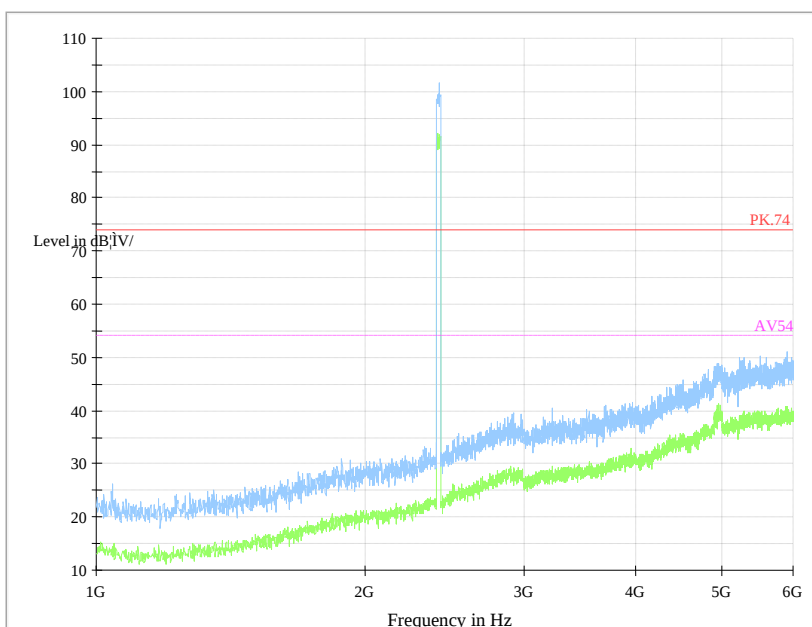
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



Frequency Range: 30MHz -1GHz

Detector: QP mode

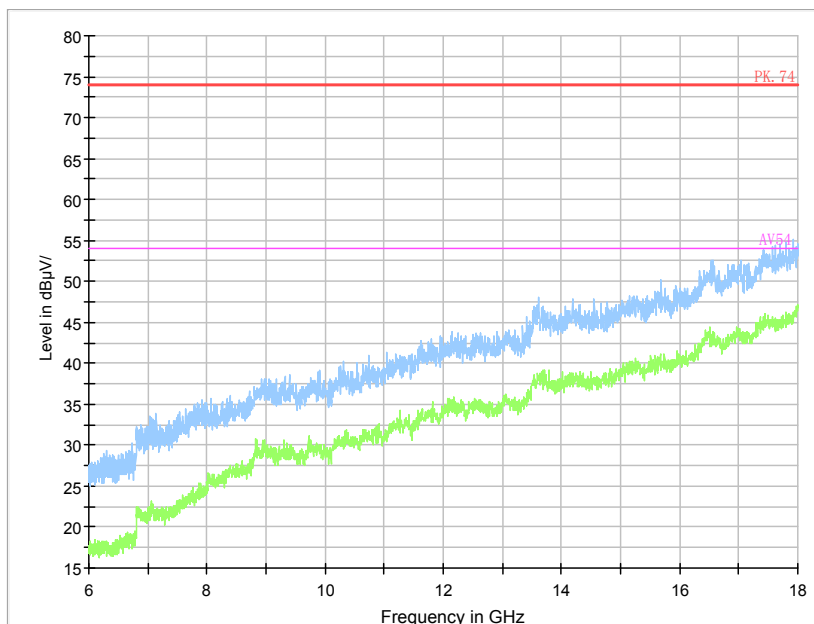
Modulation type: 802.11g



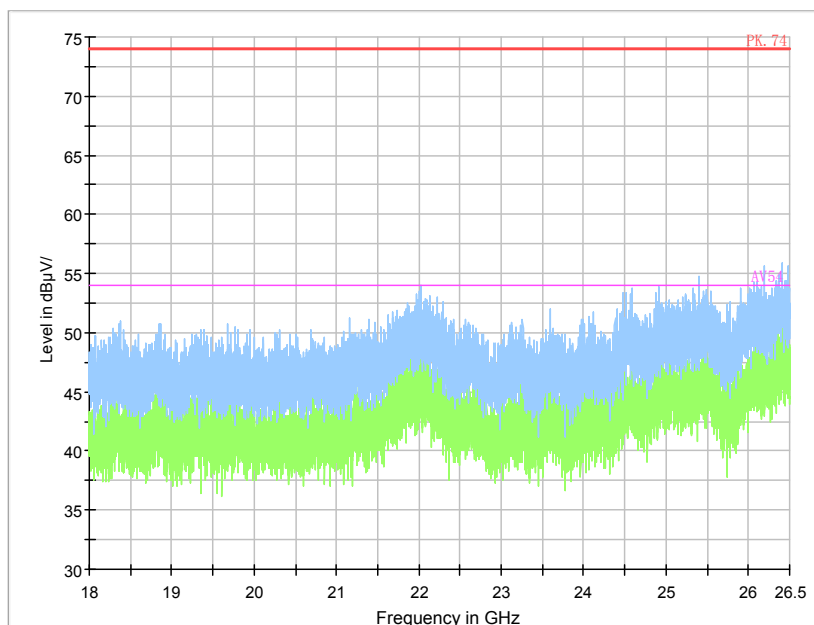
Frequency Range: 1GHz - 6GHz

Detector: Av mode and PK mode

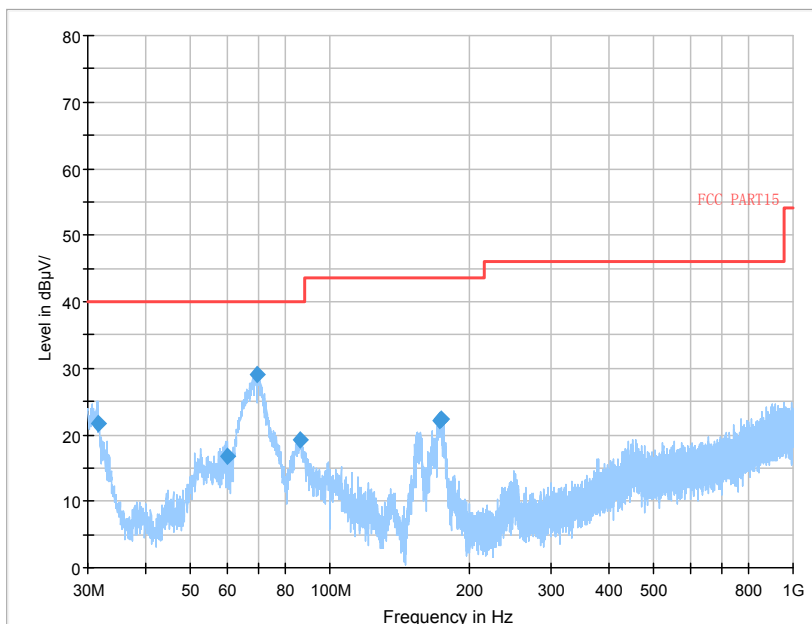
Modulation type: 802.11g



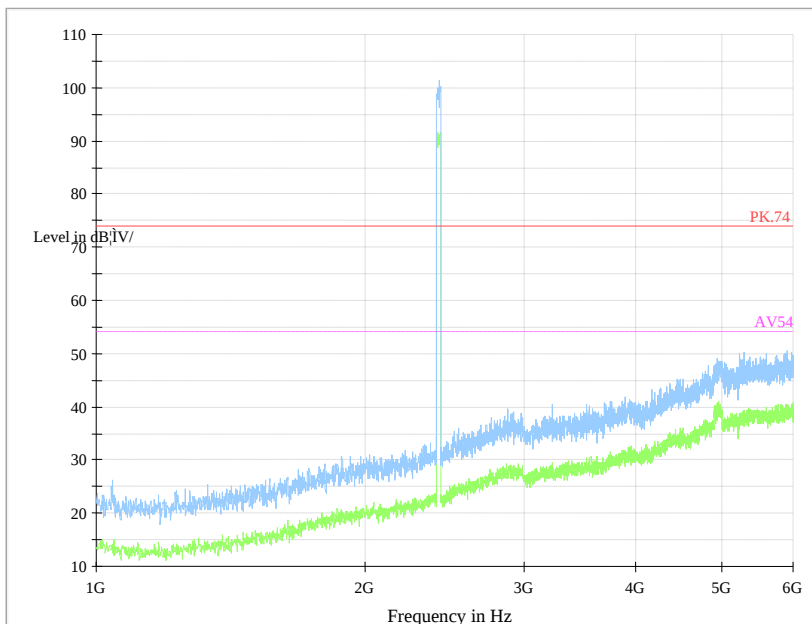
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



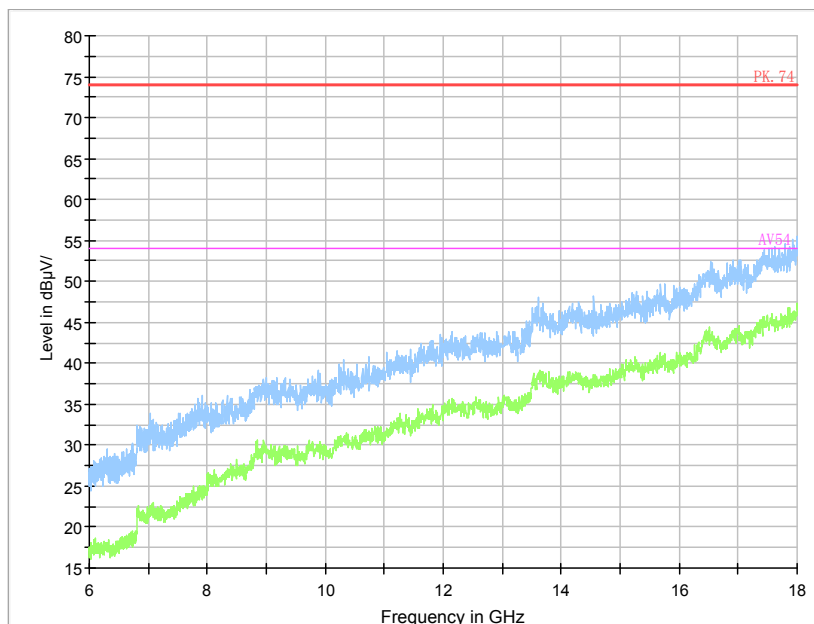
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



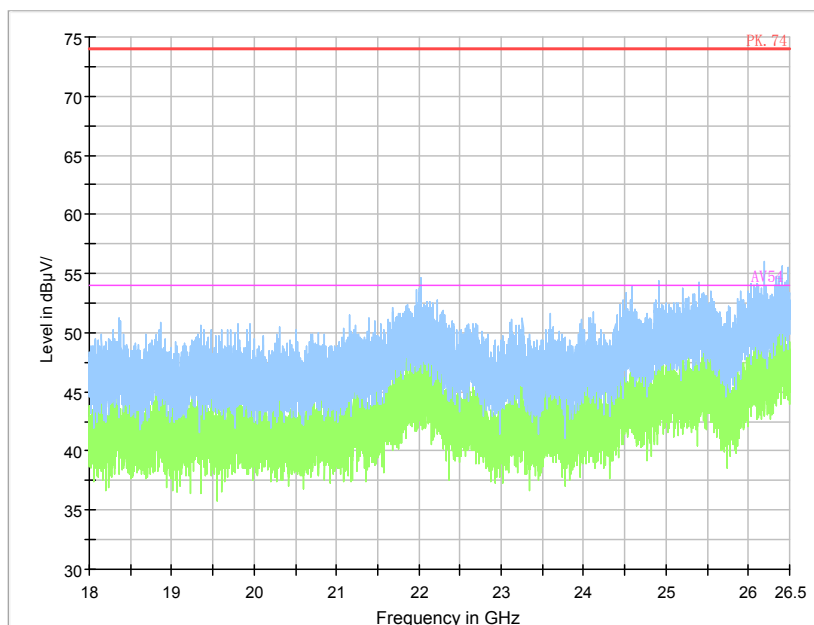
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)



Frequency Range: 1GHz - 6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

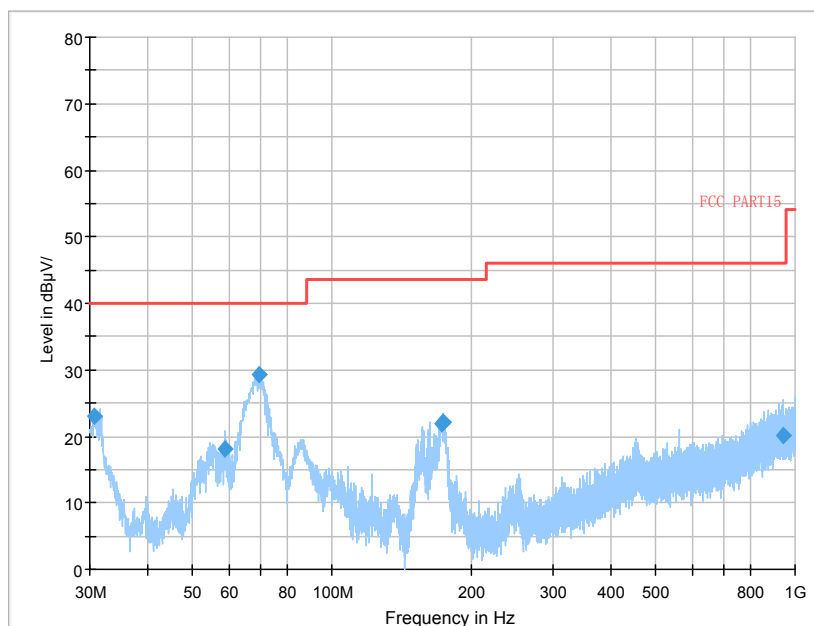


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

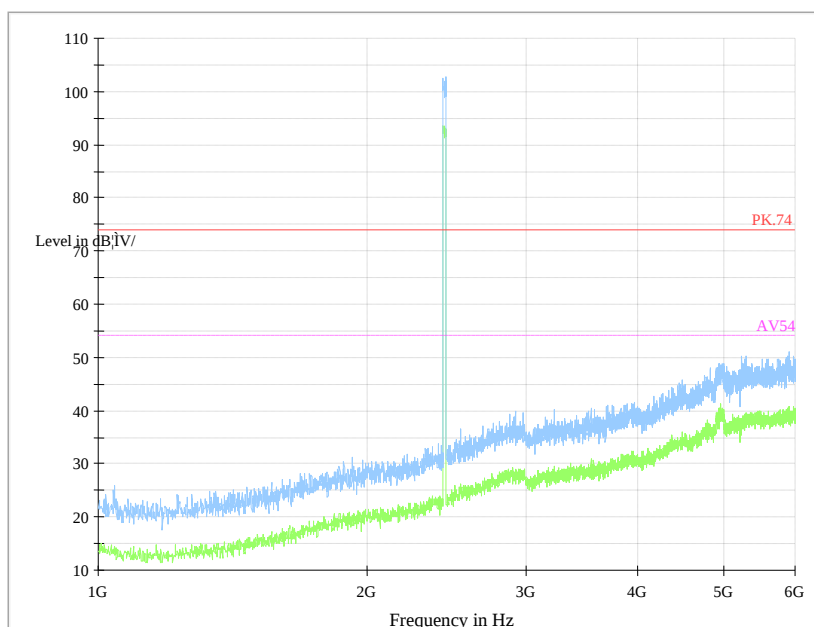


Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

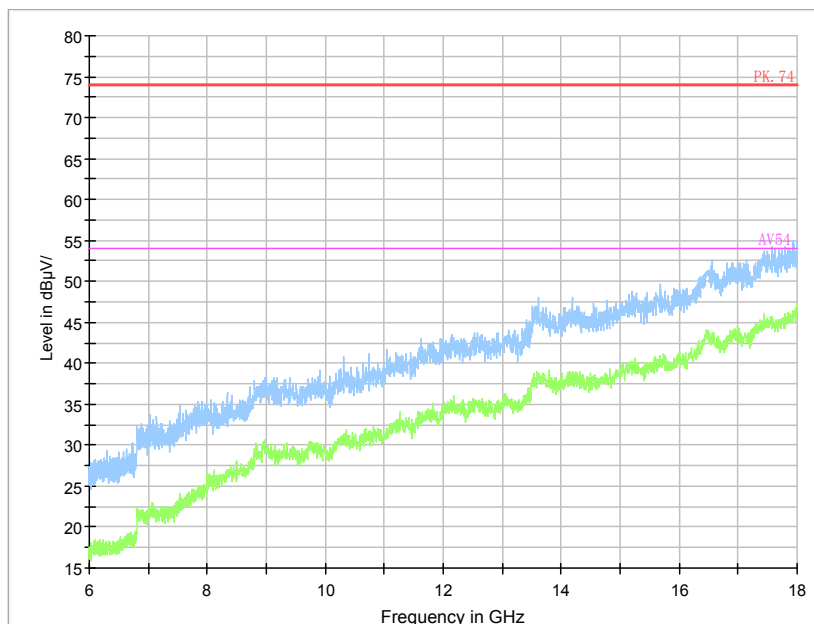
Carrier frequency (MHz): 2437
Channel No.:6



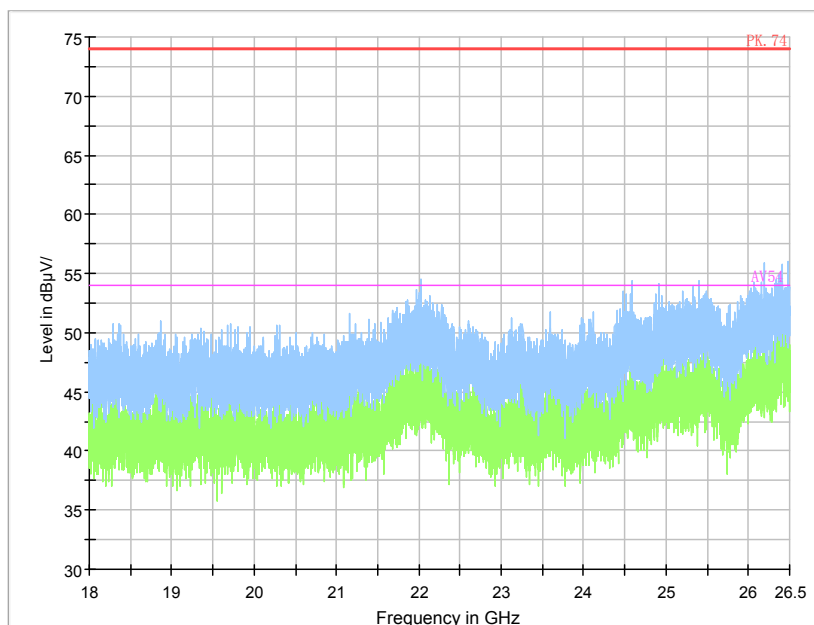
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



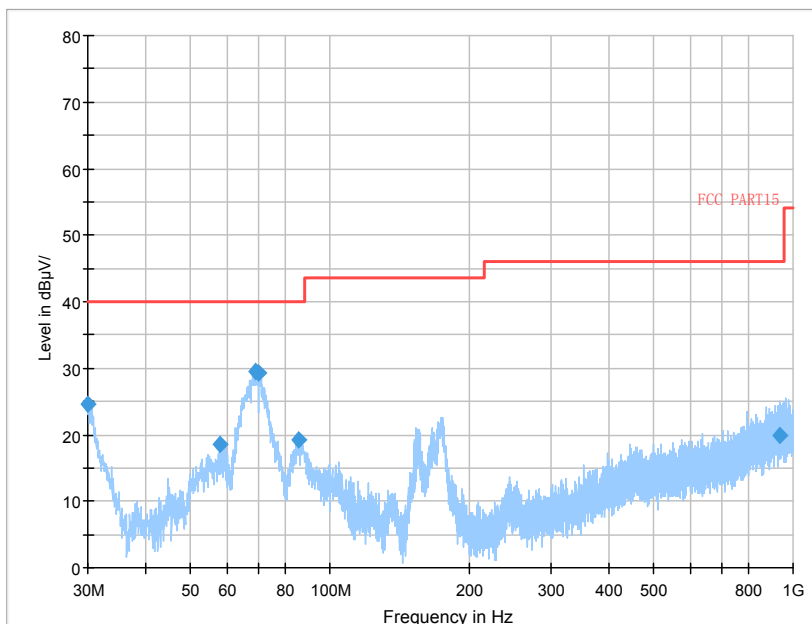
Frequency Range: 1GHz - 6GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



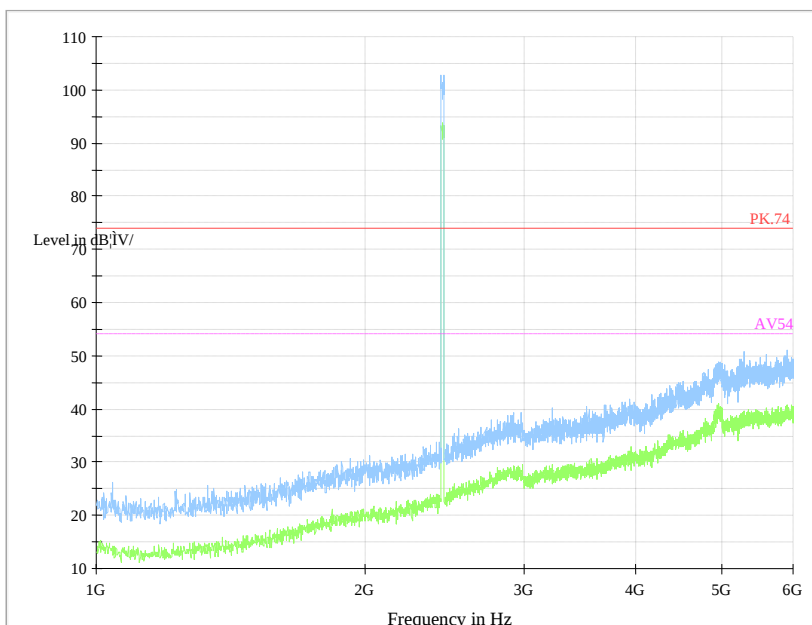
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



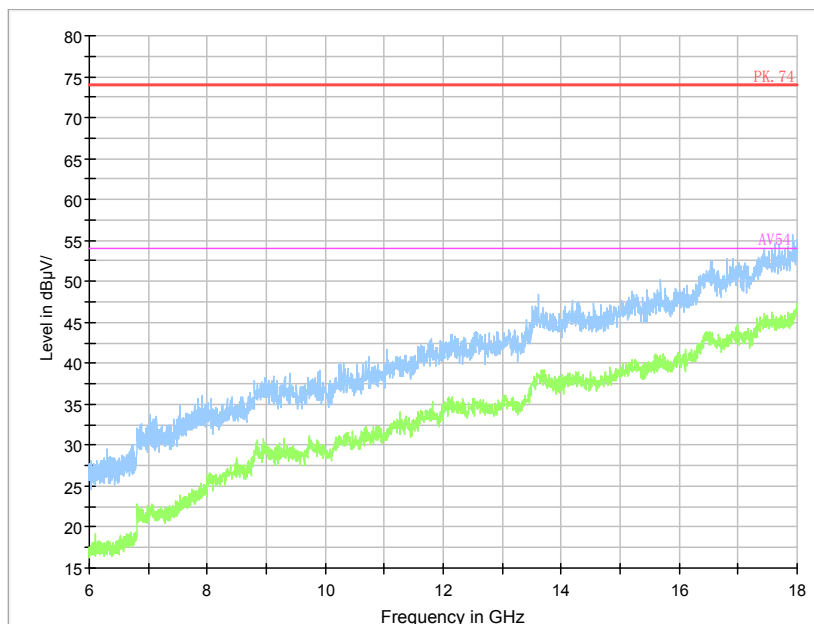
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



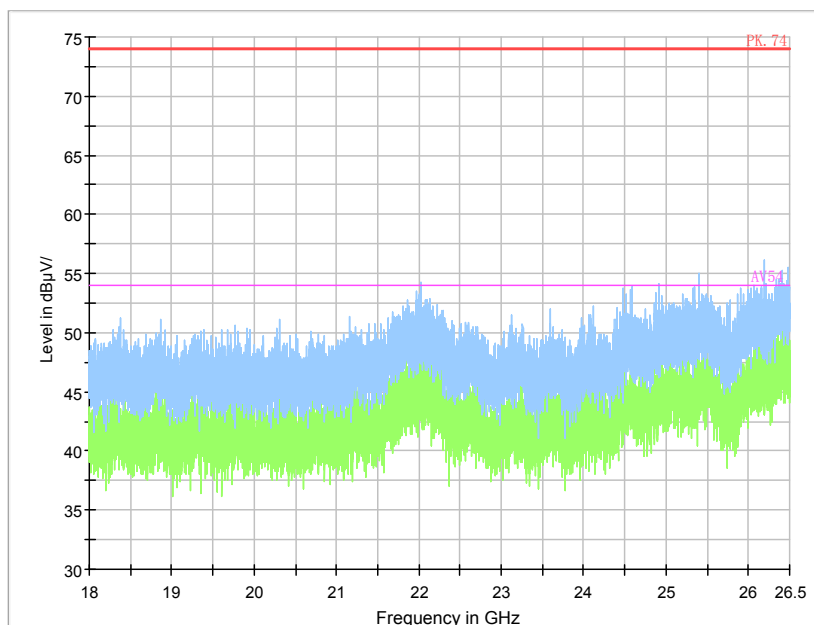
Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11g



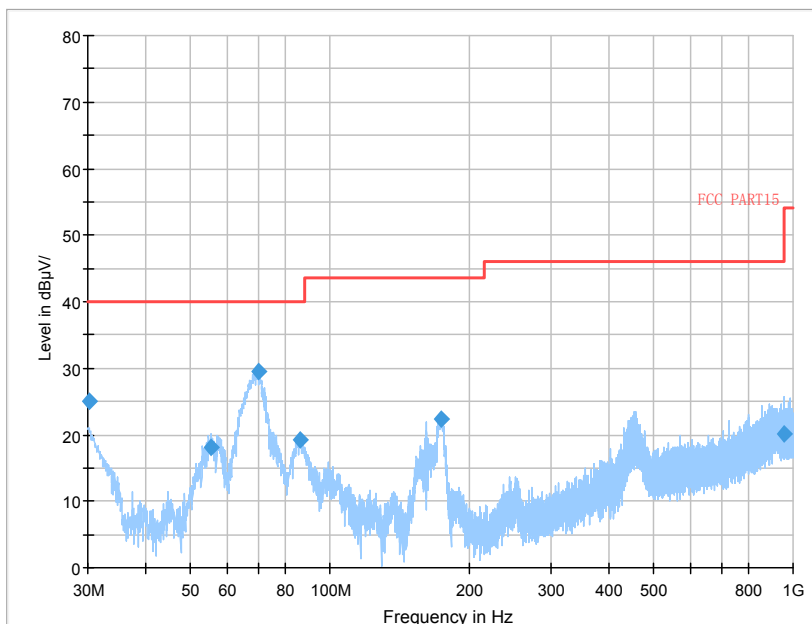
Frequency Range: 1GHz - 6GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



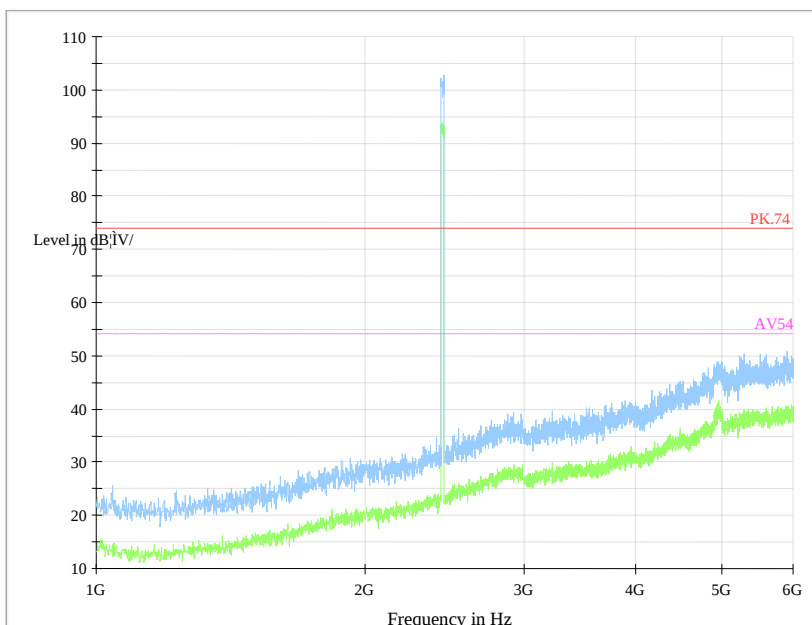
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



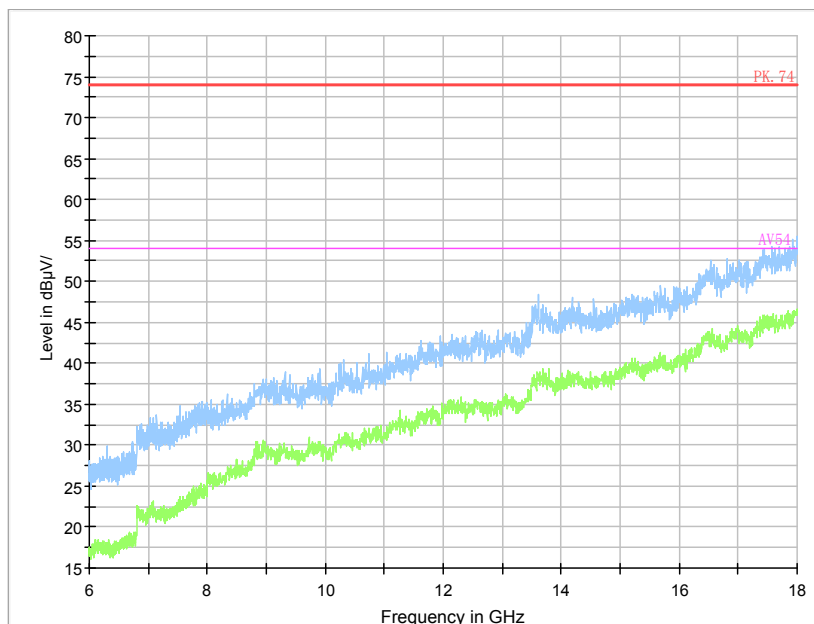
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



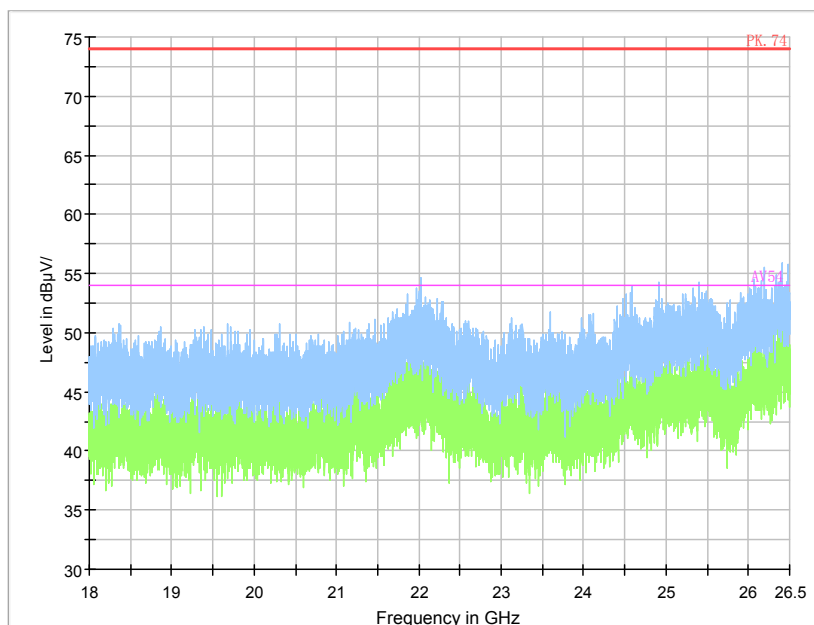
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)



Frequency Range: 1GHz - 6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

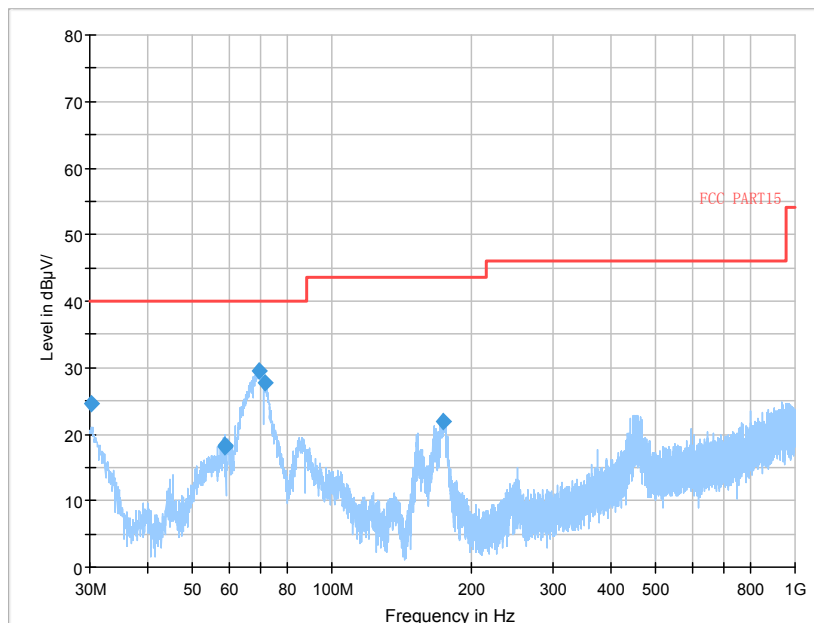


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

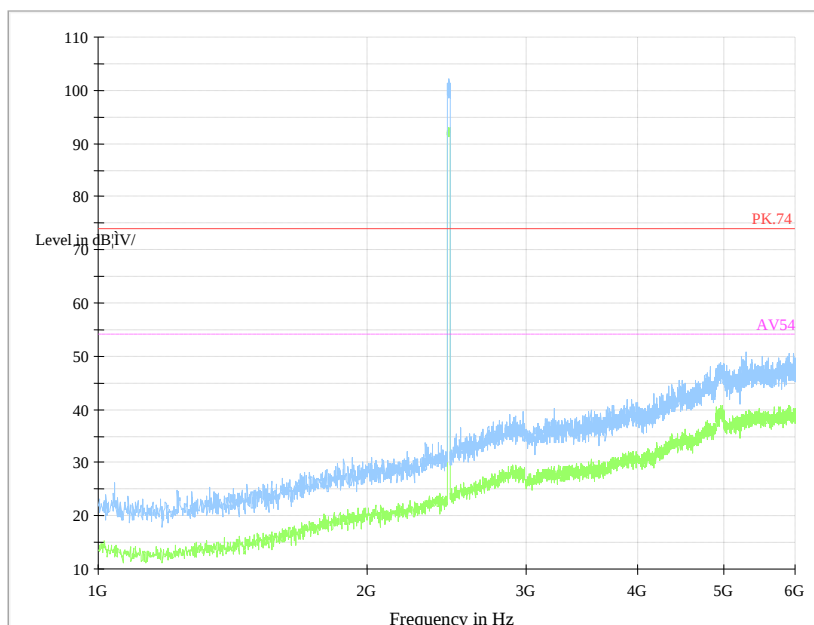


Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

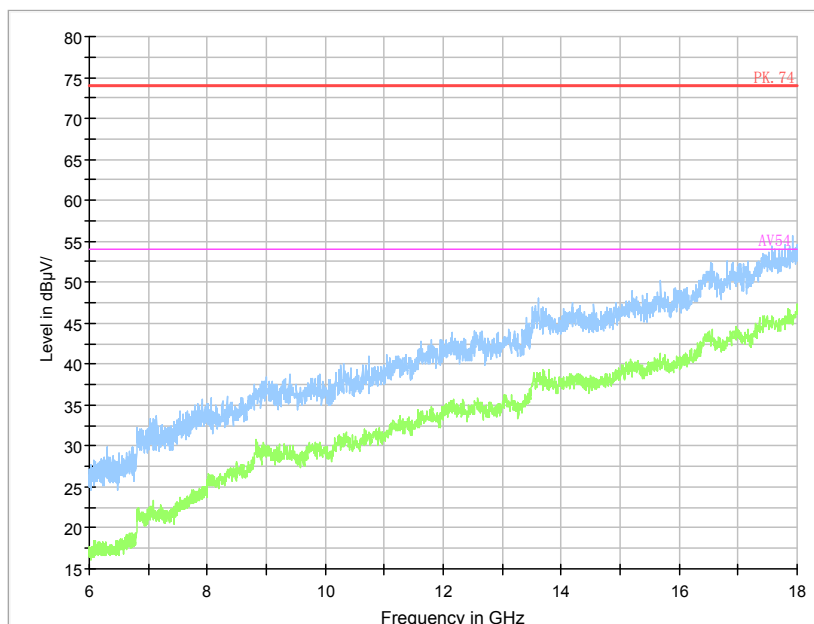
Carrier frequency (MHz): 2462
Channel No.:11



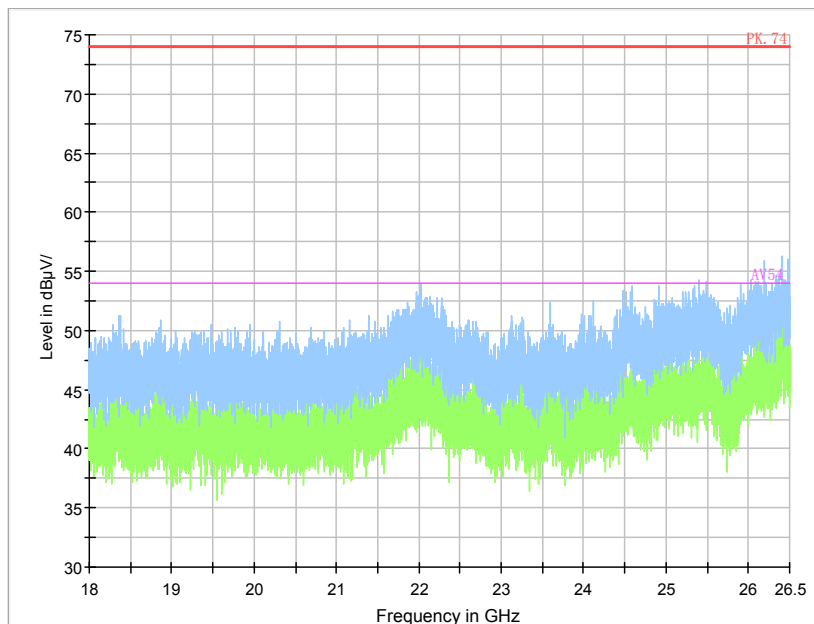
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



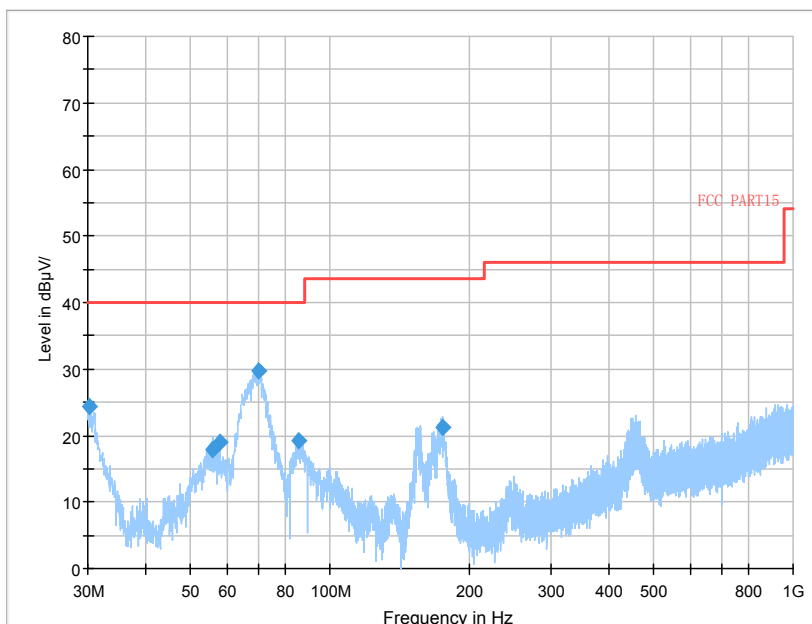
Frequency Range: 1GHz - 6GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



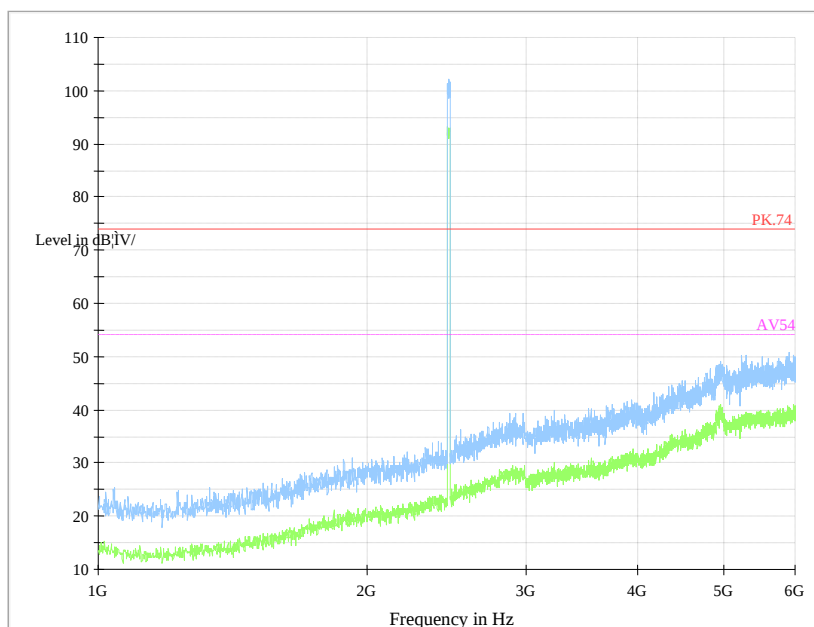
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



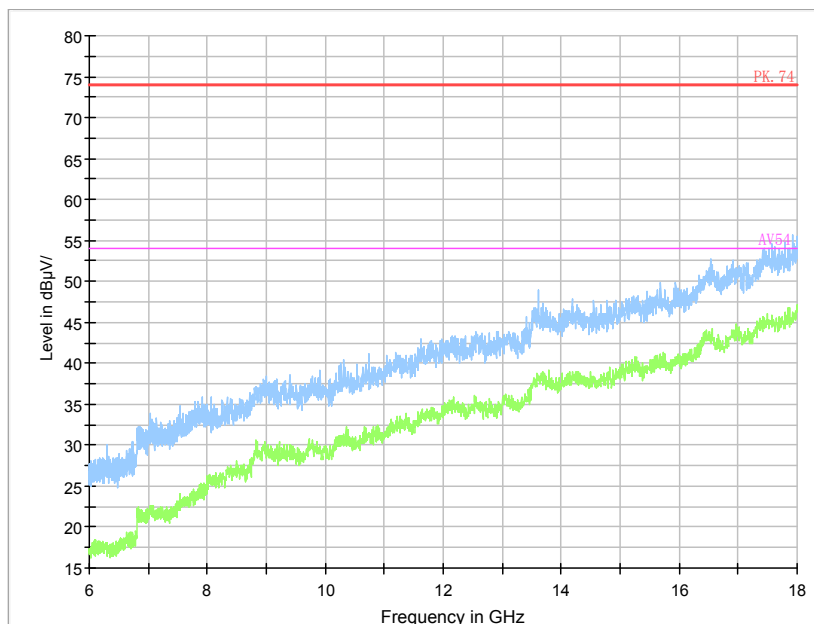
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



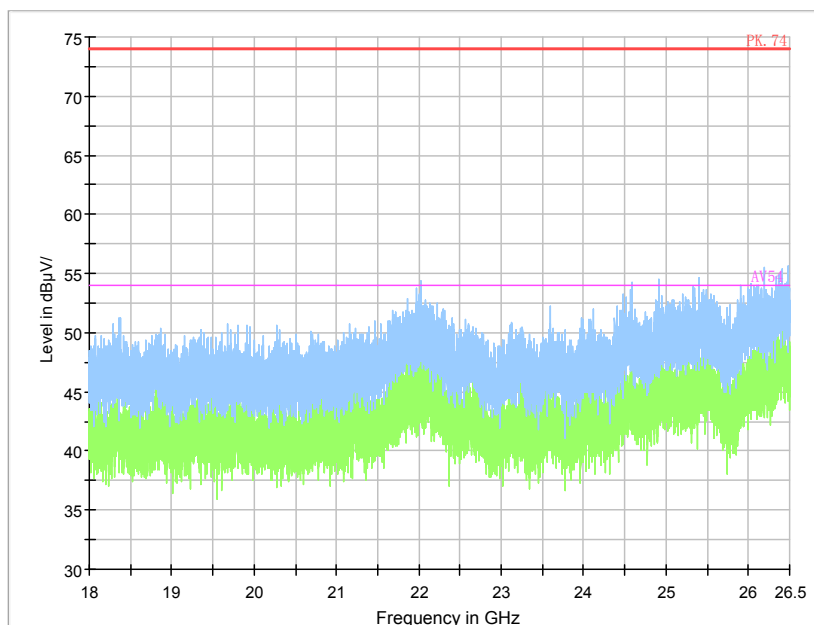
Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11g



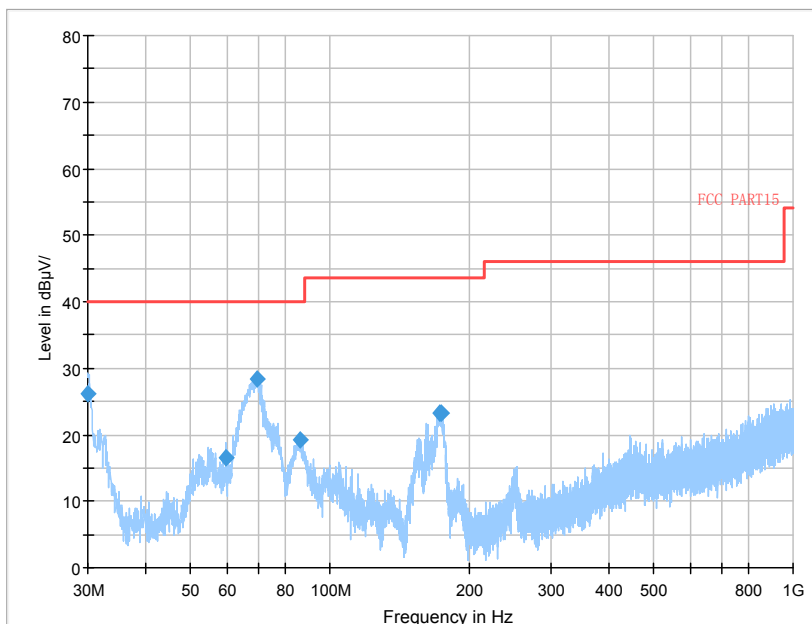
Frequency Range: 1GHz - 6GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



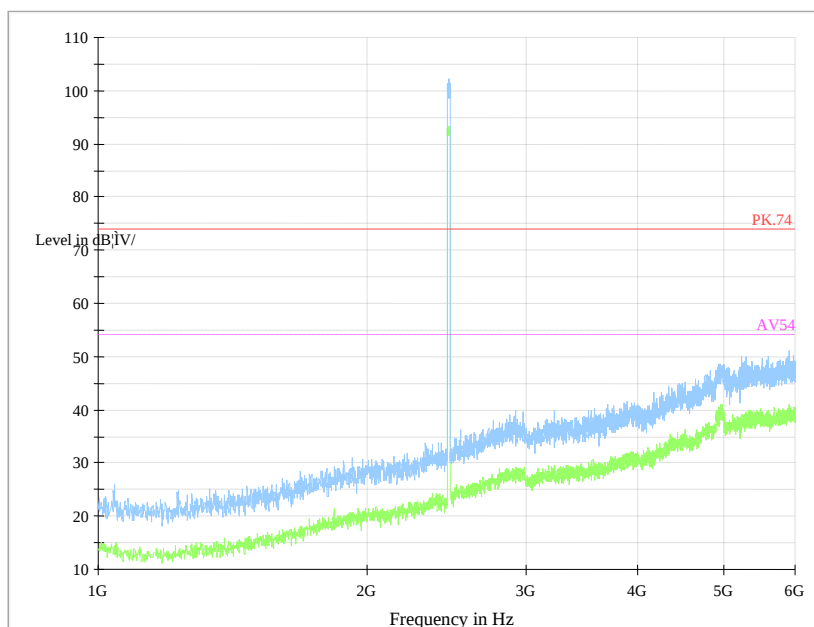
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



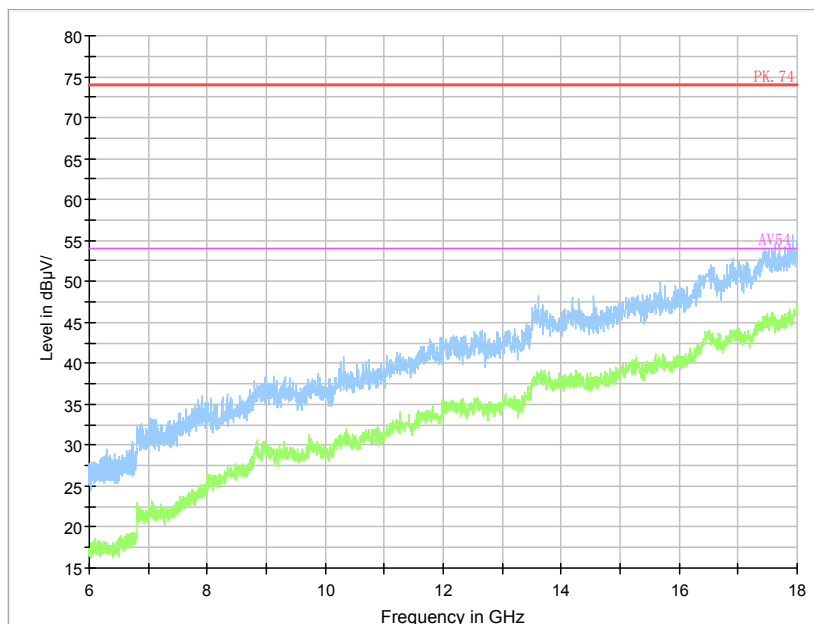
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



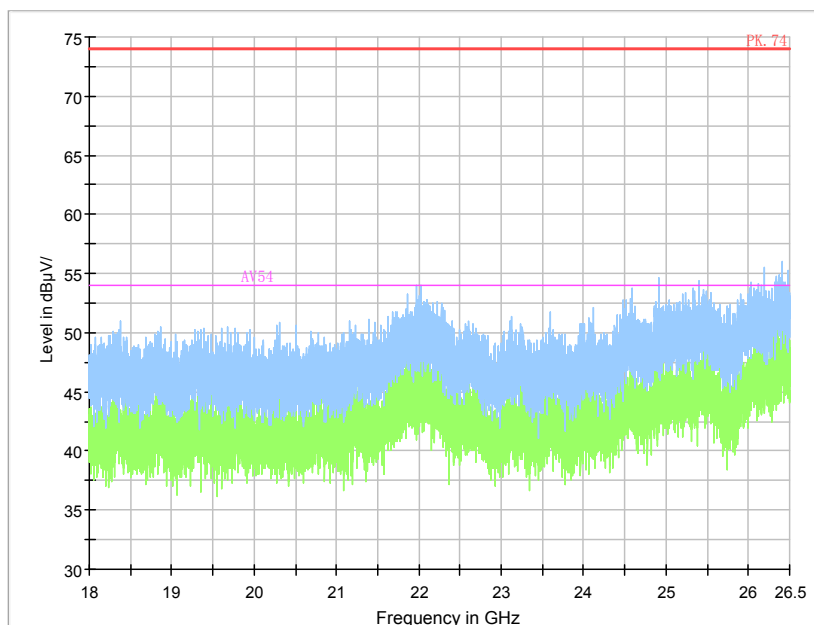
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)



Frequency Range: 1GHz - 6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

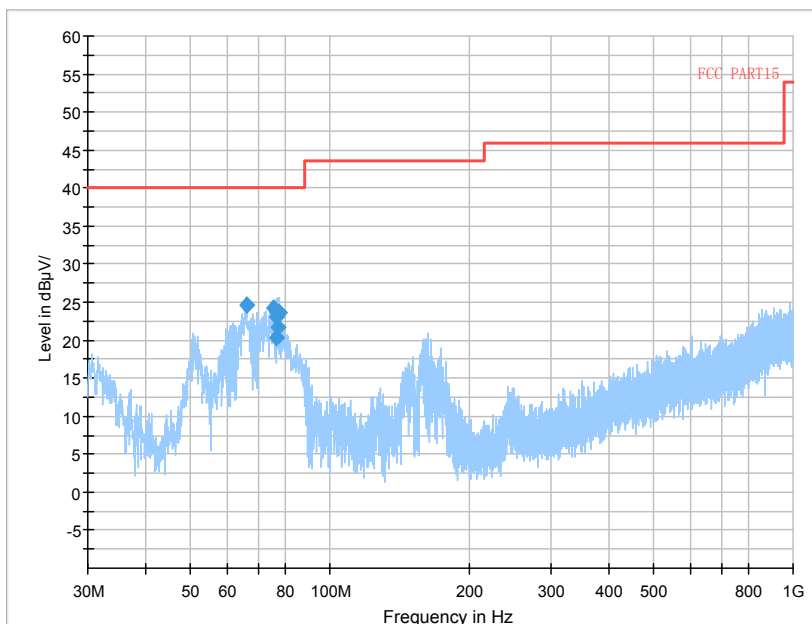


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

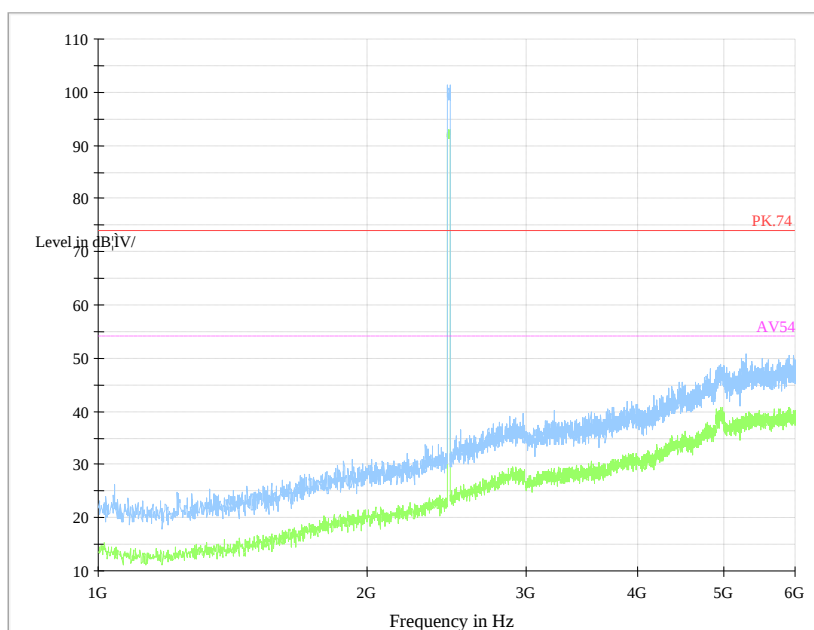
Test with secondary supply worst point:



Frequency Range: 30MHz -1GHz

Detector: QP mode

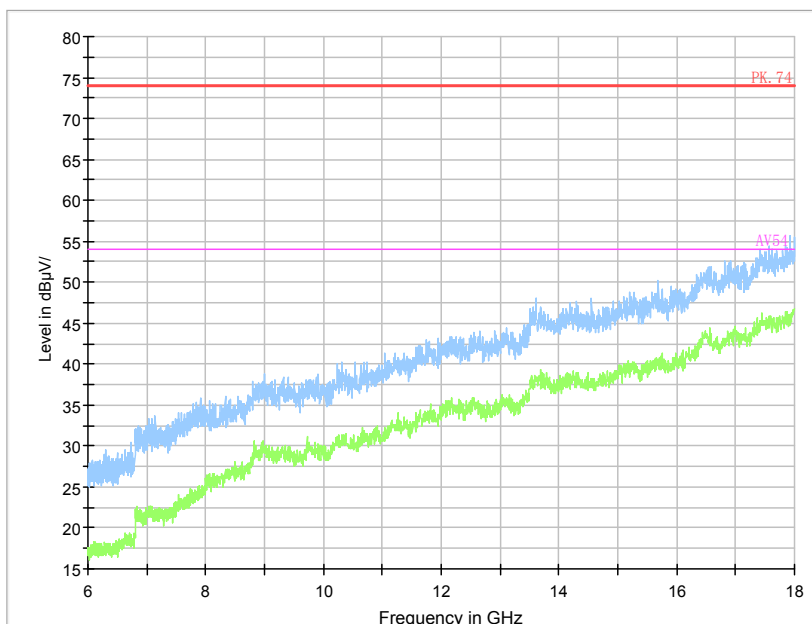
Test Mode: 802.11b



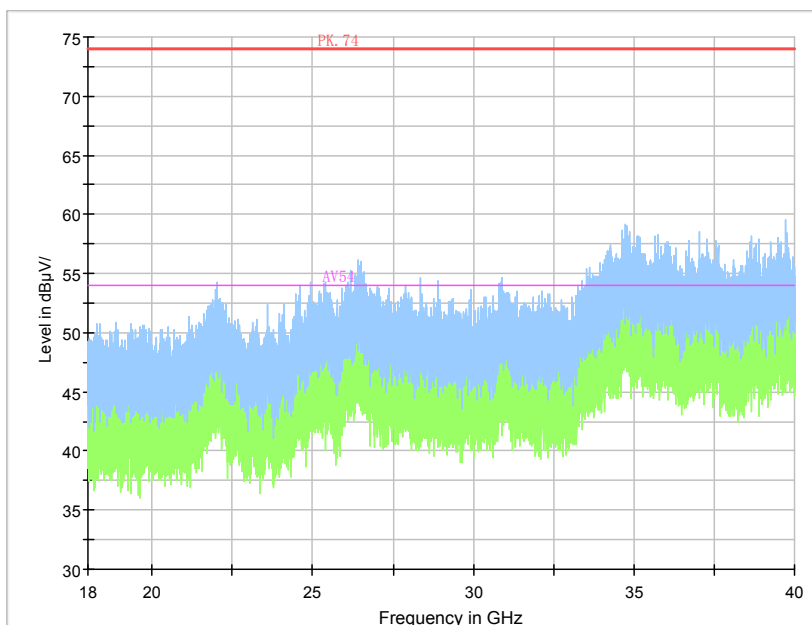
Frequency Range: 1GHz - 6GHz

Detector: Av mode and PK mode

Modulation type: 802.11b



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11b

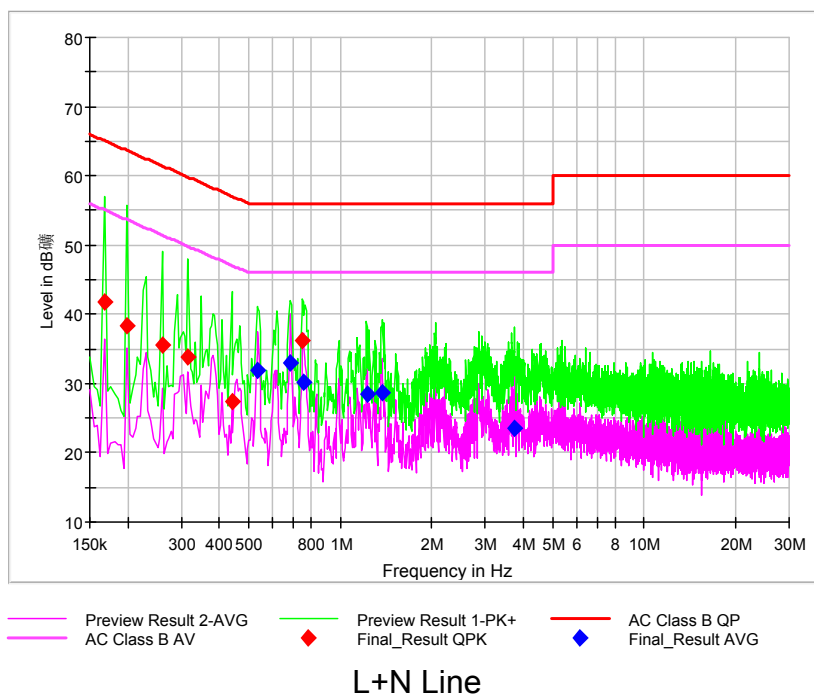
AC Power line Conducted Emission

A "reference path loss" Corr.(dB) is established and the $L_{\text{cable}} + \text{ATT} + \text{VDF}$ is the attenuation of "reference path loss", and including the cable loss, the attenuation of the attenuator, the voltage division factor of AMN.

The measurement results are obtained as described below:

$$P_{\text{result}} = P_{\text{mea}} + \text{Corr. (dB)}$$

Sample calculation: $(31.91 \text{ dB}\mu\text{V}) = (2.21 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$, the corresponding frequency is 0.536294MHz.



Final_Result_AVG

Frequency (MHz)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea Average (dBμV)
0.536294	31.91	46.00	14.09	L1	29.7	2.21
0.685544	33.04	46.00	12.96	L1	29.7	3.34
0.755779	30.18	46.00	15.82	L1	29.7	0.48
1.225478	28.57	46.00	17.43	L1	29.7	-1.13
1.374728	28.59	46.00	17.41	L1	29.7	-1.11
3.758338	23.52	46.00	22.48	L1	29.7	-6.18

Final_Result_QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)
0.167559	41.88	65.08	23.20	L1	29.7	12.18
0.198287	38.28	63.68	25.40	L1	29.7	8.58
0.259743	35.66	61.44	25.78	L1	29.7	5.96
0.316809	33.84	59.79	25.95	L1	29.7	4.14
0.439721	27.31	57.07	29.76	L1	29.7	-2.39
0.751390	36.13	56.00	19.87	L1	29.7	6.43

---End of Test Report---