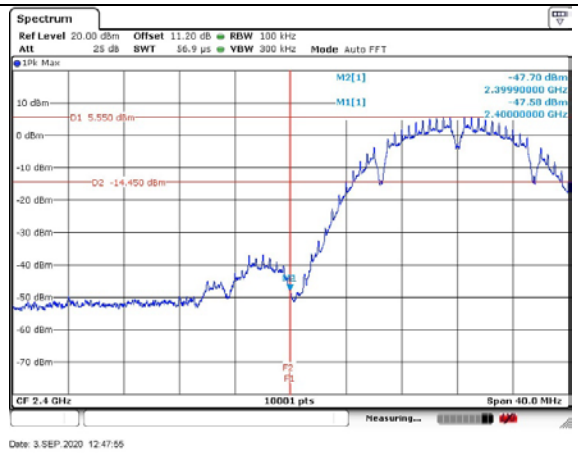
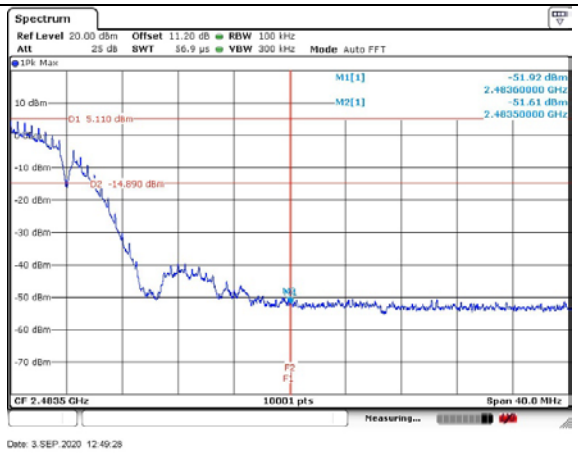
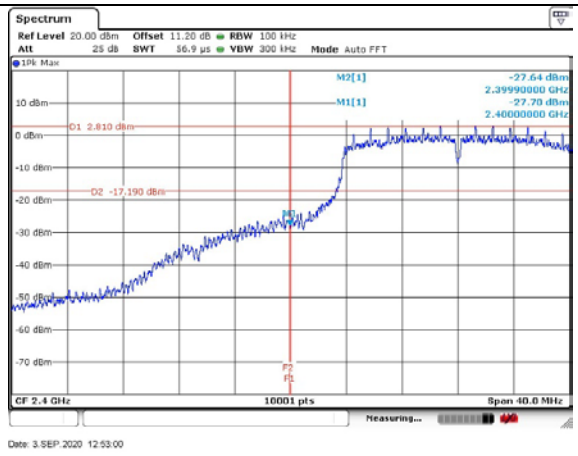
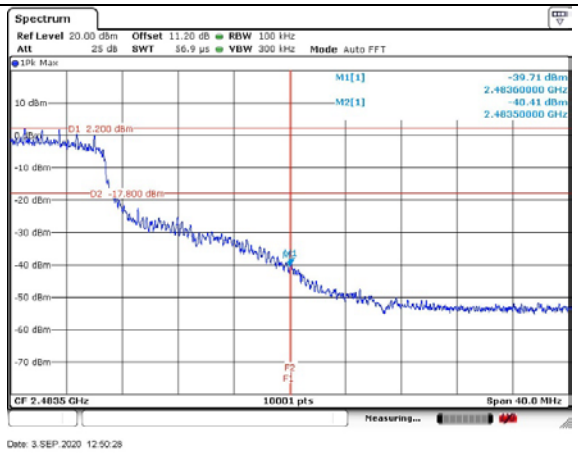
Band edge measurement (RF Conducted measurement)

Offset 11.2dB = Attenuator 10dB+ Temporary antenna connector loss 0.2dB+ Cable loss 1.0dB

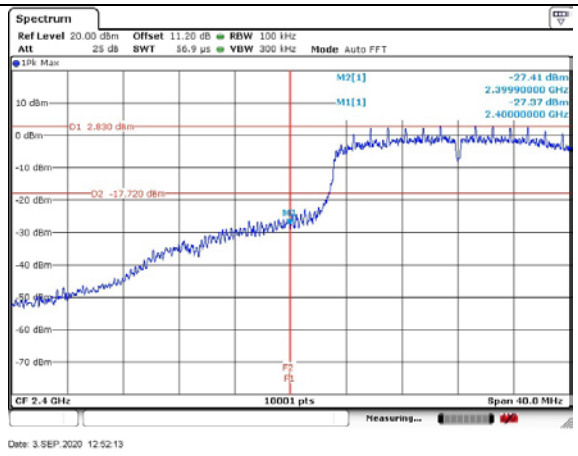
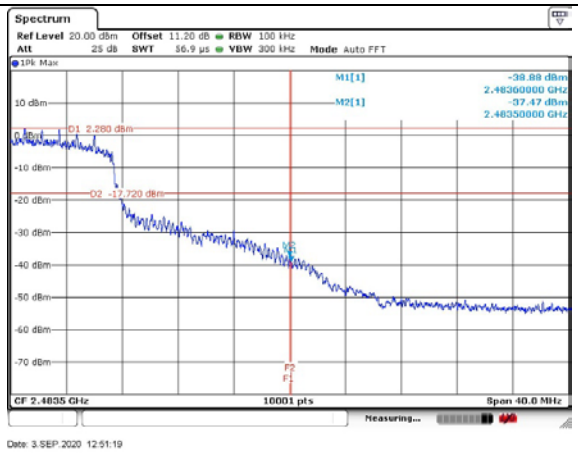
802.11b

CH1	CH11
	

802.11g

CH1	CH11
	

802.11n (HT20)

CH1	CH11
	

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emission Band Edge

The worst case attitude: The mobile lay down.
The measurement results are obtained as described below:
Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (110.90 dBuV/m) = (76.90 dBμV) + (8.90 dB) + (25.10 dB/m), 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/m)
1	2412	110.90	76.90	N/A	N/A	8.90	25.10
2	2390	61.17	27.17	-12.83	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/m)
1	2412	106.64	72.64	N/A	N/A	8.90	25.10
2	2390	55.94	21.94	-18.06	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/m)
1	2412	107.00	73.00	N/A	N/A	8.90	25.10
2	2390	48.45	14.45	-5.55	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/m)
1	2412	104.06	70.06	N/A	N/A	8.90	25.10
2	2390	46.45	12.45	-7.55	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/m)
1	2462	112.20	78.20	N/A	N/A	8.90	25.10
2	2483.5	61.47	27.47	-12.53	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/m)
1	2462	107.56	73.56	N/A	N/A	8.90	25.10
2	2483.5	54.64	20.64	-19.36	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/m)
1	2462	108.37	74.37	N/A	N/A	8.90	25.10
2	2483.5	48.04	14.04	-5.96	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/m)
1	2462	103.27	69.27	N/A	N/A	8.90	25.10
2	2483.5	47.39	13.39	-6.61	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/m)
1	2412	111.83	77.83	N/A	N/A	8.90	25.10
2	2390	61.55	27.55	-12.45	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/m)
1	2412	106.96	72.96	N/A	N/A	8.90	25.10
2	2390	56.35	22.35	-17.65	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/m)
1	2412	105.86	71.86	N/A	N/A	8.90	25.10
2	2390	47.51	13.51	-6.49	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/m)
1	2412	103.81	69.81	N/A	N/A	8.90	25.10
2	2390	47.08	13.08	-6.92	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/m)
1	2462	112.79	78.79	N/A	N/A	8.90	25.10
2	2483.5	60.01	26.01	-13.99	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/m)
1	2462	107.58	73.58	N/A	N/A	8.90	25.10
2	2483.5	57.31	23.31	-16.69	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/m)
1	2462	105.93	71.93	N/A	N/A	8.90	25.10
2	2483.5	48.13	14.13	-5.87	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/m)
1	2462	102.19	68.19	N/A	N/A	8.90	25.10
2	2483.5	46.84	12.84	-7.16	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/m)
1	2412	113.78	79.78	N/A	N/A	8.90	25.10
2	2390	60.50	26.50	-13.50	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/m)
1	2412	108.41	74.41	N/A	N/A	8.90	25.10
2	2390	54.71	20.71	-19.29	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/m)
1	2412	107.44	73.44	N/A	N/A	8.90	25.10
2	2390	47.37	13.37	-6.63	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/m)
1	2412	102.55	68.55	N/A	N/A	8.90	25.10
2	2390	45.58	11.58	-8.42	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/m)
1	2462	112.45	78.45	N/A	N/A	8.90	25.10
2	2483.5	58.80	24.80	-15.20	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/m)
1	2462	107.70	73.70	N/A	N/A	8.90	25.10
2	2483.5	55.81	21.81	-18.19	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/m)
1	2462	105.85	71.85	N/A	N/A	8.90	25.10
2	2483.5	47.88	13.88	-6.12	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/m)
1	2462	104.70	70.70	N/A	N/A	8.90	25.10
2	2483.5	46.98	12.98	-7.02	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: (15.60dBμV/m) = (-18.4dB/m) + (34.00 dBuV), the corresponding frequency is 39.224000MHz.
The worst case attitude: The mobile lay down.

For 802.11b Channel No.:1

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity	Limit (dBuV/m)
39.224000	15.60	-18.4	34.00	Vertical	40.00
54.350000	27.73	-17.7	45.43	Vertical	40.00
60.255000	21.13	-18.5	39.63	Vertical	40.00
117.608500	22.07	-20.4	42.47	Vertical	43.50
123.328000	20.71	-20.8	41.51	Vertical	43.50
944.627000	17.60	-0.9	18.50	Vertical	46.00

For 802.11b Channel No.:6

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity	Limit (dBuV/m)
42.164500	15.27	-17.9	33.17	Vertical	40.00
54.113500	27.39	-17.7	45.09	Vertical	40.00
60.303500	20.91	-18.5	39.41	Vertical	40.00
119.108500	22.21	-20.6	42.81	Vertical	43.50
122.132500	21.01	-20.8	41.81	Horizon	43.50
907.162000	17.47	-1.4	18.87	Vertical	46.00

For 802.11b Channel No.:11

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity	Limit (dBuV/m)
41.928000	15.41	-17.9	33.31	Vertical	40.00
54.352500	27.76	-17.7	45.46	Vertical	40.00
60.740000	19.84	-18.7	38.54	Vertical	40.00
118.758000	22.38	-20.5	42.88	Vertical	43.50
144.471500	18.88	-21.8	40.68	Horizon	43.50
937.720500	17.54	-1.0	18.54	Vertical	46.00

For 802.11g Channel No.:1

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity	Limit (dBuV/m)
42.573000	15.23	-17.8	33.03	Vertical	40.00
54.335500	27.75	-17.7	45.45	Vertical	40.00
60.303500	20.94	-18.5	39.44	Vertical	40.00
116.869000	21.46	-20.3	41.76	Vertical	43.50
121.801500	21.03	-20.8	41.83	Horizon	43.50
939.395000	17.62	-1.0	18.62	Vertical	46.00

For 802.11g Channel No.:6

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity	Limit (dBuV/m)
39.885000	14.66	-18.2	32.86	Vertical	40.00
54.871500	26.84	-17.7	44.54	Vertical	40.00
61.128000	19.56	-18.8	38.36	Vertical	40.00
120.757500	21.24	-20.7	41.94	Vertical	43.50
123.256500	20.72	-20.8	41.52	Horizon	43.50
950.969500	17.71	-0.9	18.61	Horizon	46.00

For 802.11g Channel No.:11

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity	Limit (dBuV/m)
41.172500	14.86	-18.0	32.86	Vertical	40.00
54.335500	27.68	-17.7	45.38	Vertical	40.00
60.255000	21.17	-18.5	39.67	Vertical	40.00
119.117000	22.21	-20.6	42.81	Vertical	43.50
123.014000	20.79	-20.8	41.59	Horizon	43.50
890.553000	17.27	-1.7	18.97	Vertical	46.00

For 802.11n(HT20) Channel No.:1

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity	Limit (dBuV/m)
38.157000	14.31	-18.7	33.01	Vertical	40.00
52.222000	24.82	-17.4	42.22	Vertical	40.00
60.885500	19.79	-18.7	38.49	Vertical	40.00
116.498000	21.63	-20.3	41.93	Vertical	43.50
122.075500	20.99	-20.8	41.79	Horizon	43.50
935.340500	17.61	-1.0	18.61	Horizon	46.00

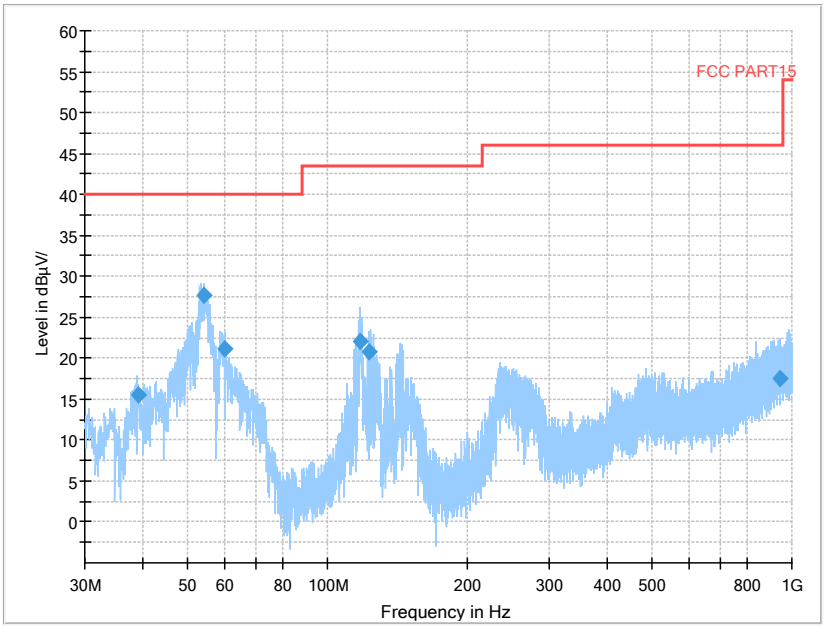
For 802.11 n(HT20) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity	Limit (dBuV/m)
39.260500	15.60	-18.4	34.00	Vertical	40.00
54.327000	27.75	-17.7	45.45	Vertical	40.00
60.206500	21.26	-18.5	39.76	Vertical	40.00
119.998500	21.58	-20.7	42.28	Vertical	43.50
123.499000	20.38	-20.8	41.18	Horizon	43.50
920.195000	17.55	-1.2	18.75	Vertical	46.00

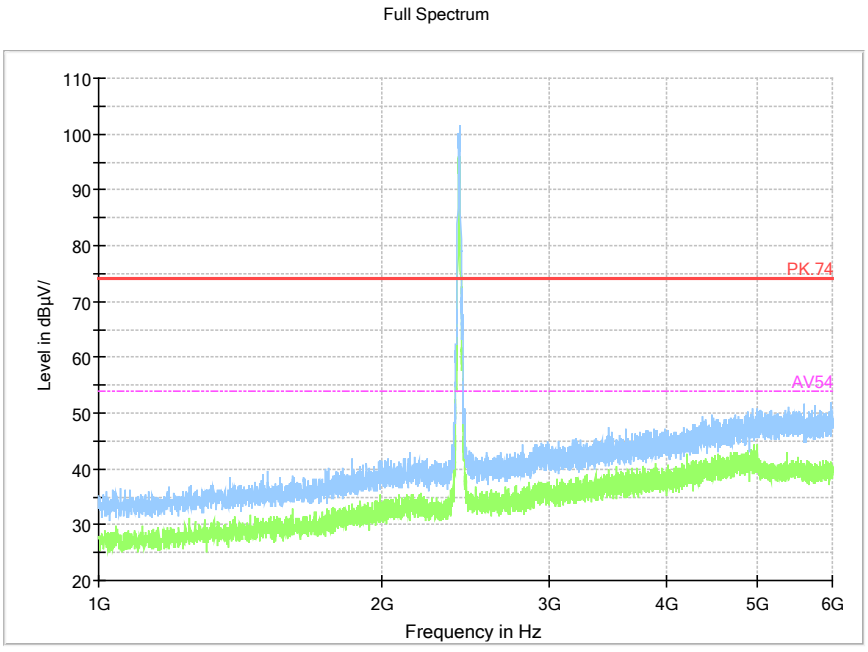
For 802.11 n(HT20) Channel No.:11

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB/m)	P_{mea} (dBuV)	Polarity	Limit (dBuV/m)
42.019000	15.35	-17.9	33.25	Vertical	40.00
52.707000	25.85	-17.5	43.35	Vertical	40.00
60.303500	20.94	-18.5	39.44	Vertical	40.00
120.232500	21.41	-20.7	42.11	Vertical	43.50
145.981000	19.25	-21.7	40.95	Horizon	43.50
953.166500	17.76	-0.8	18.56	Vertical	46.00

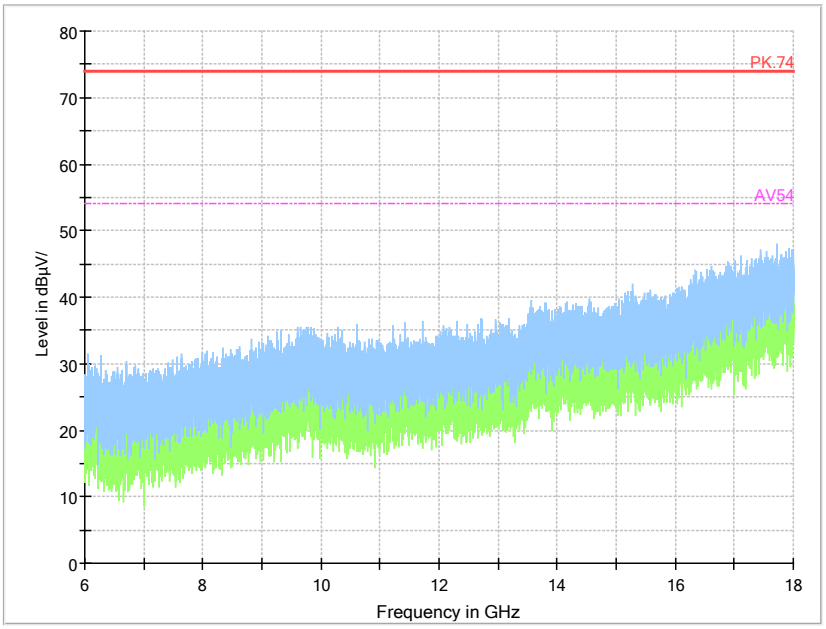
Carrier frequency (MHz): 2412
Channel No.:1



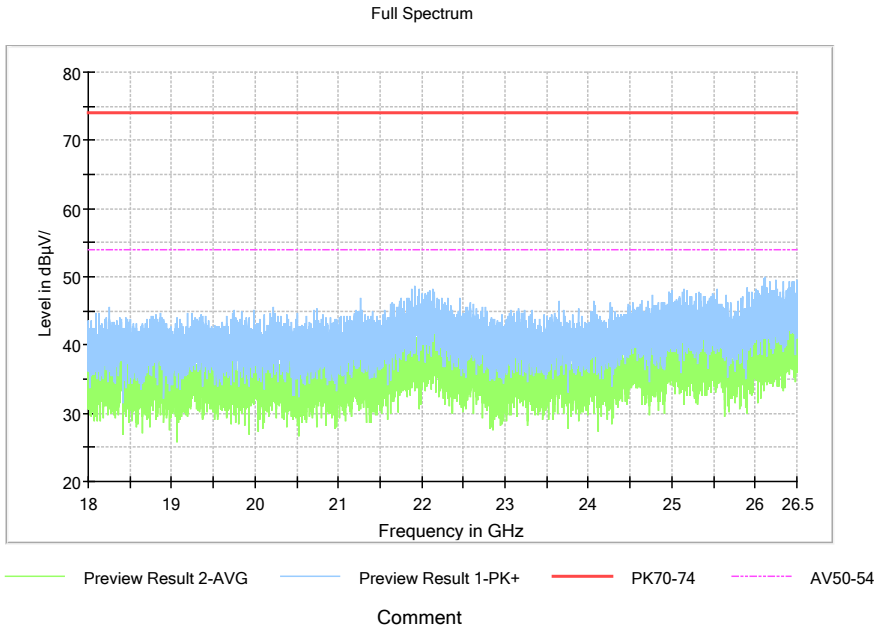
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



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



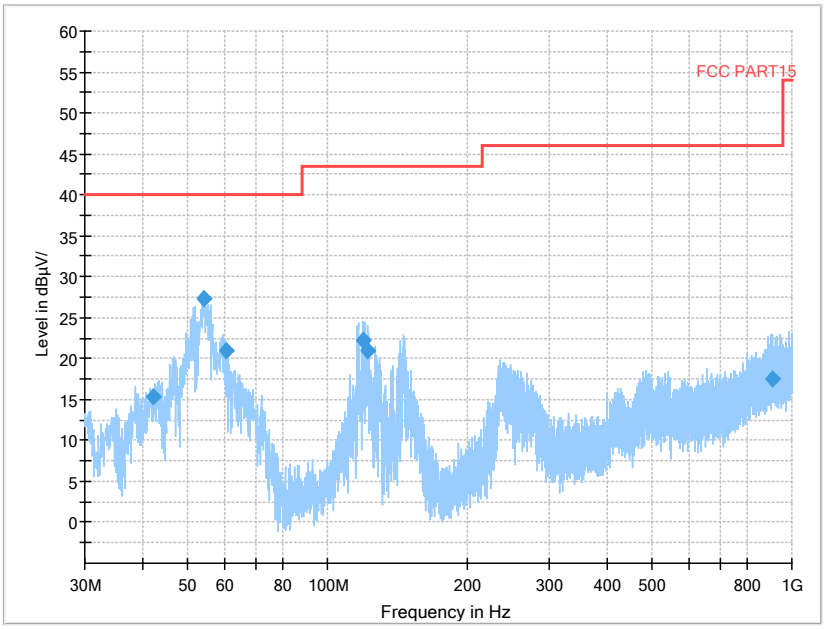
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



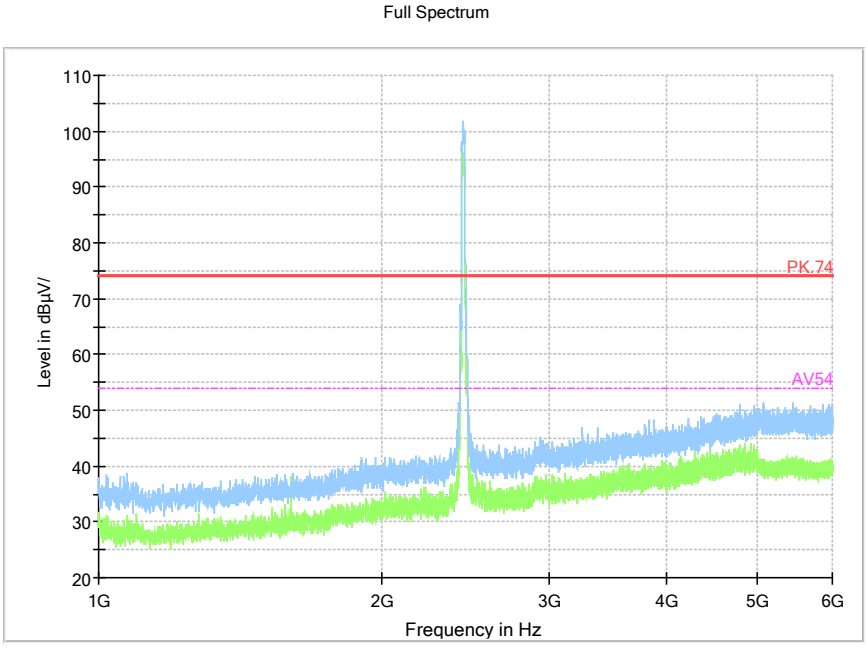
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11b

Carrier frequency (MHz): 2437

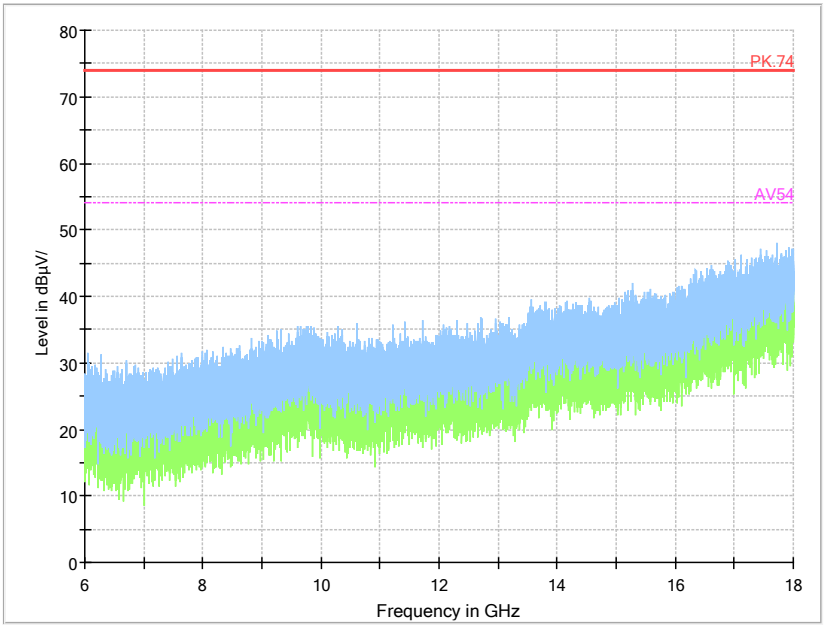
Channel No.:6



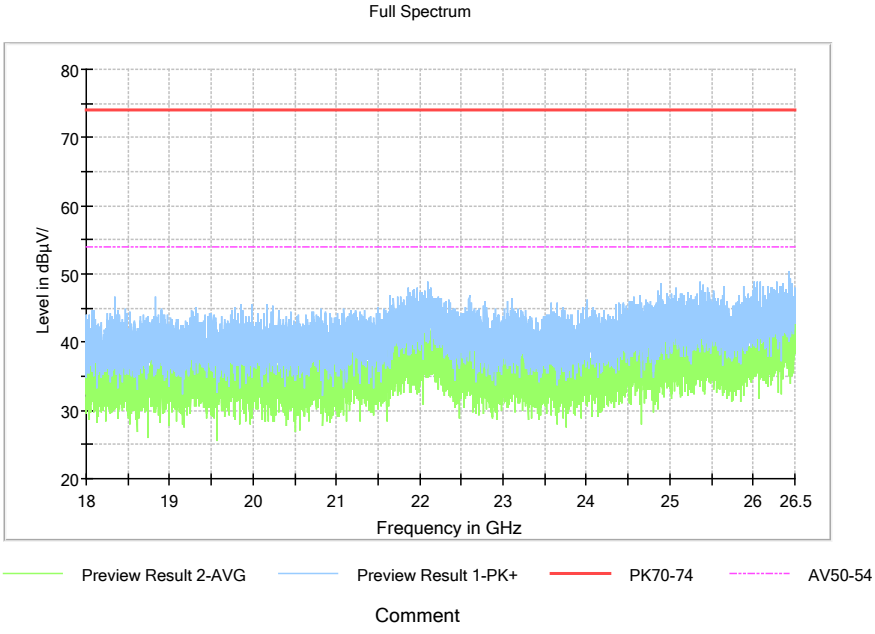
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



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

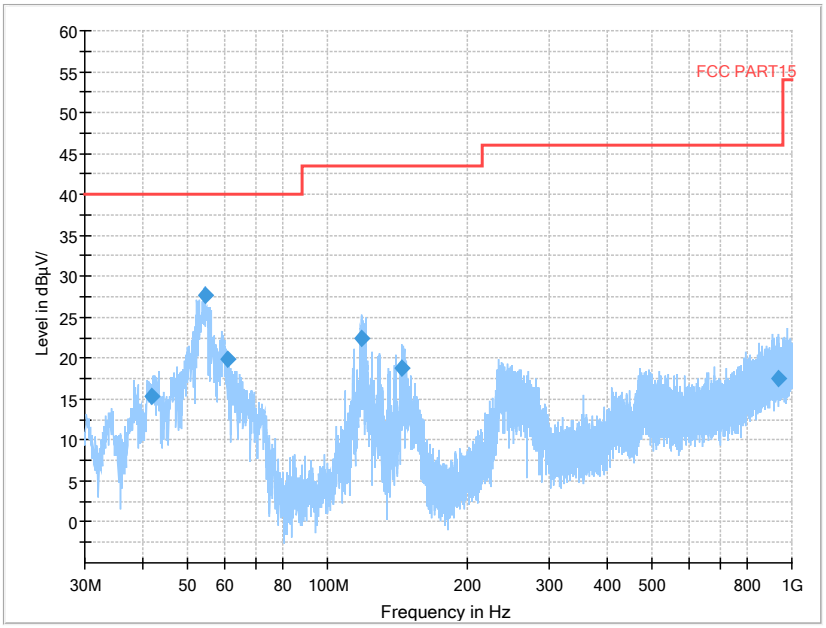


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b

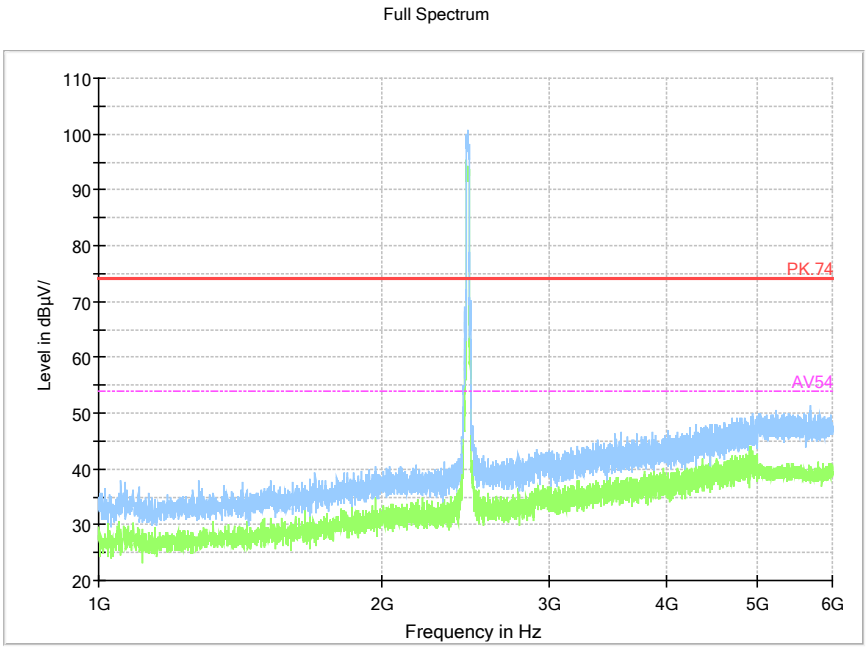


Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11b

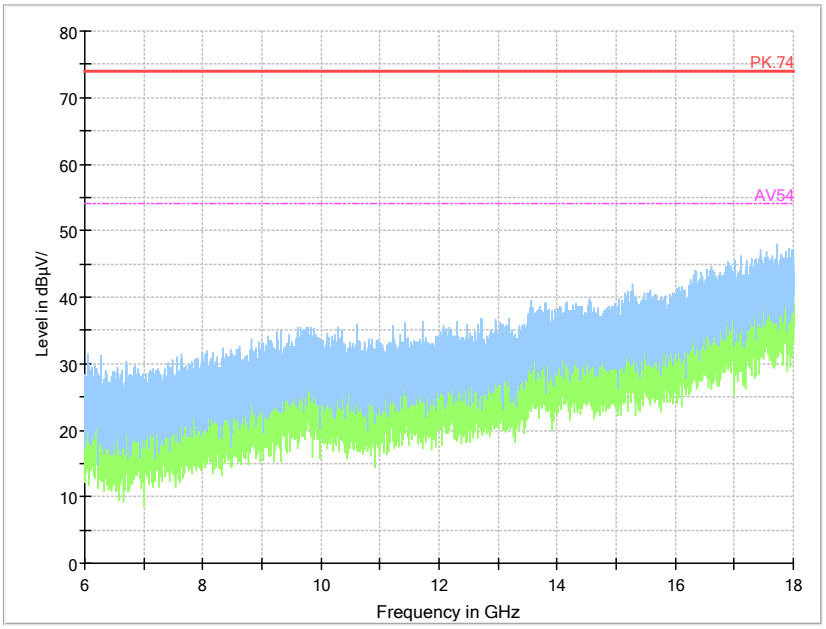
Carrier frequency (MHz): 2462
Channel No.:11



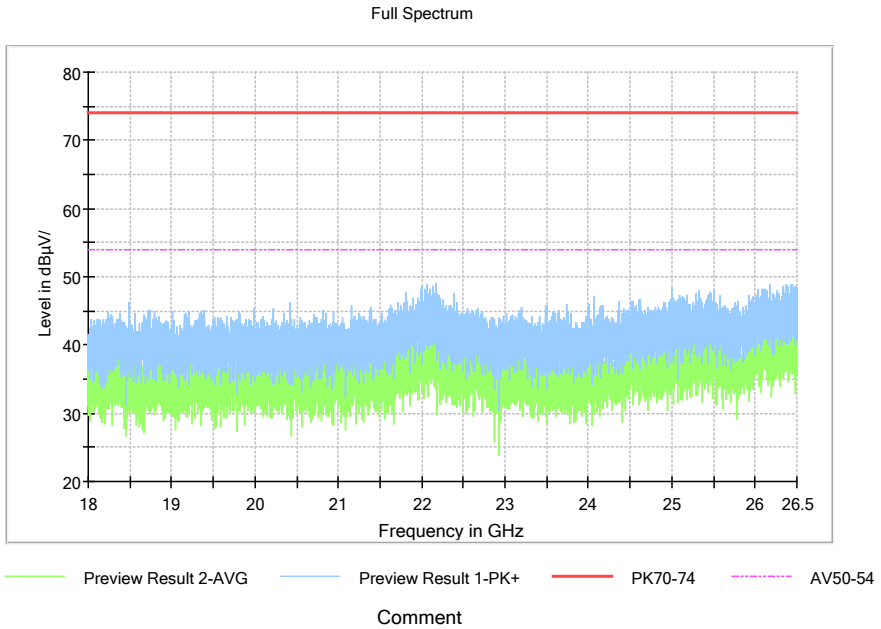
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11b



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



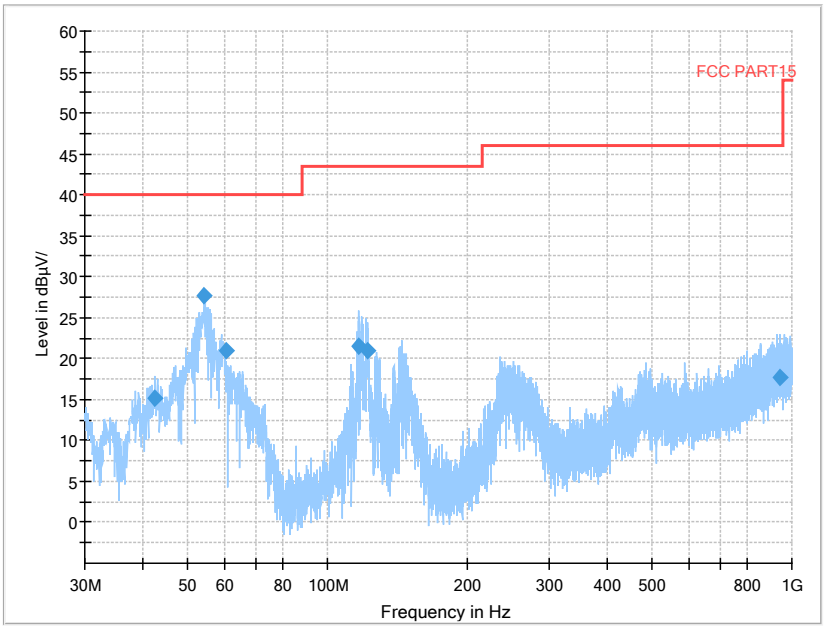
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11b



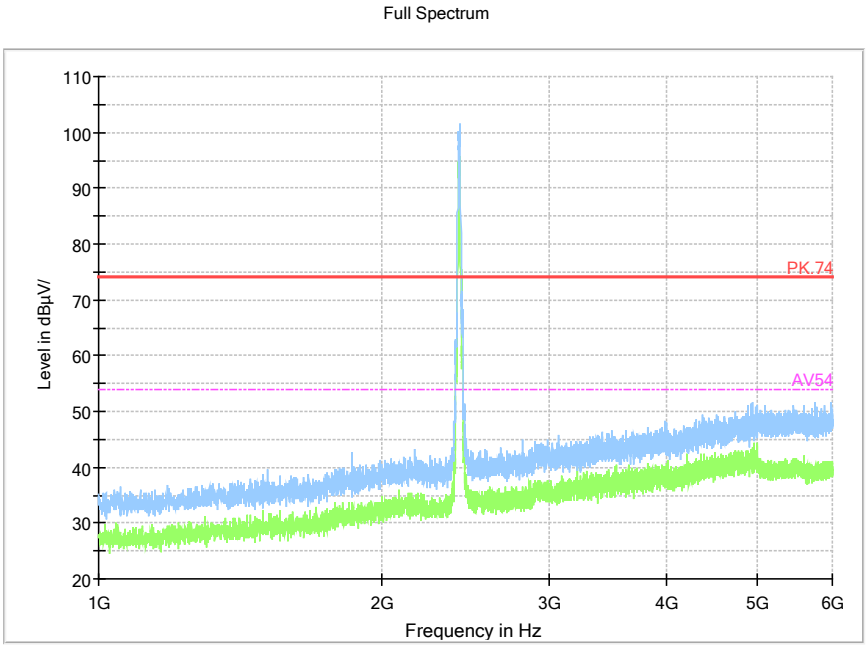
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11b

Carrier frequency (MHz): 2412

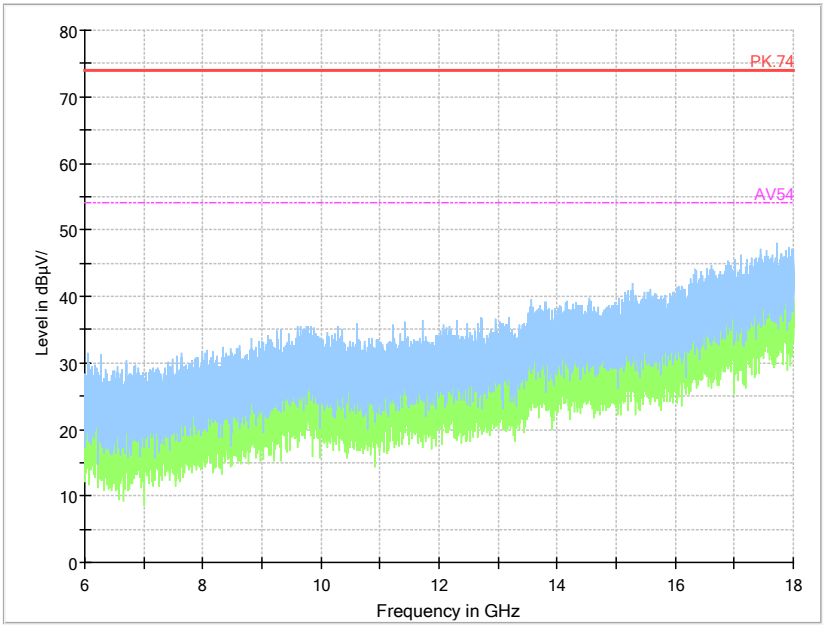
Channel No.:1



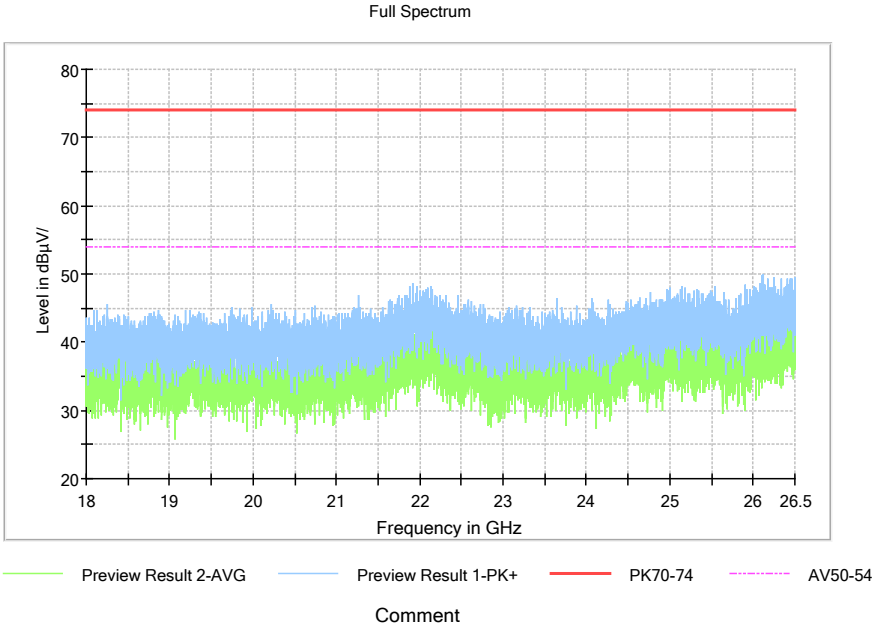
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11g



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

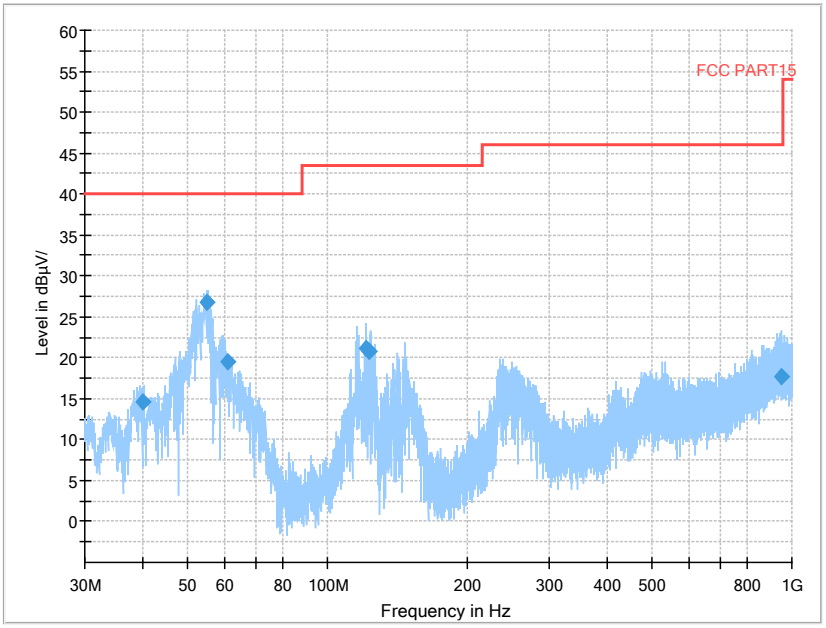


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

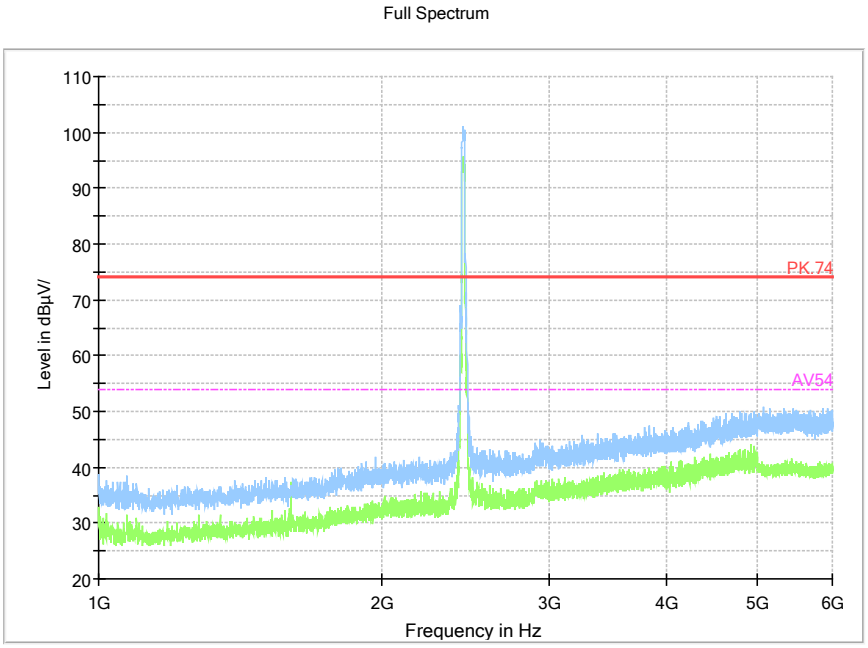


Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

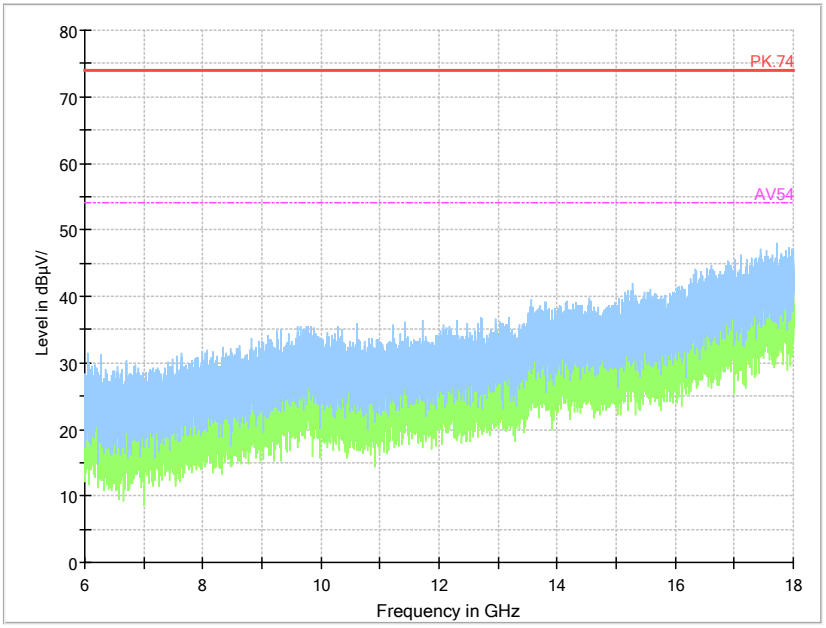
Carrier frequency (MHz): 2437
Channel No.:6



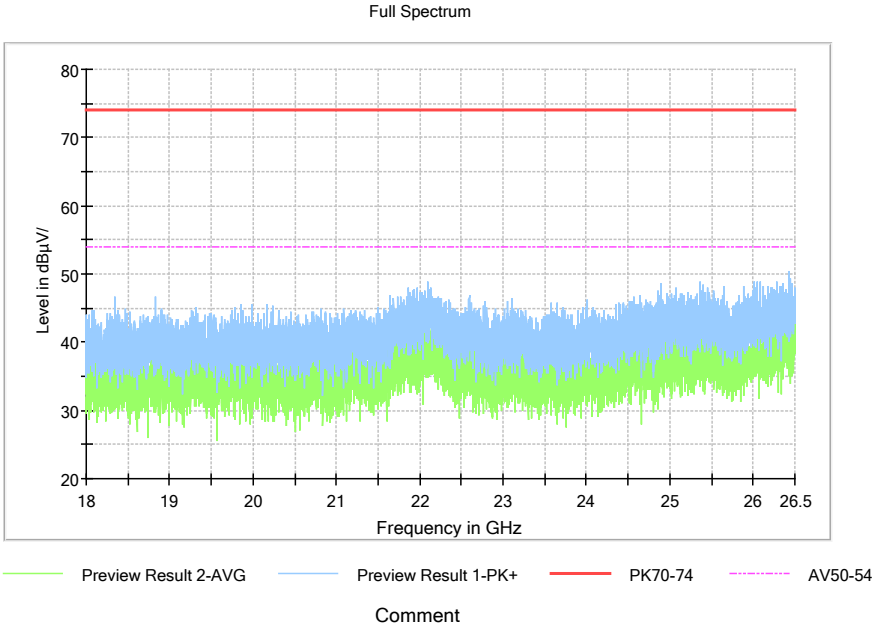
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11g



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

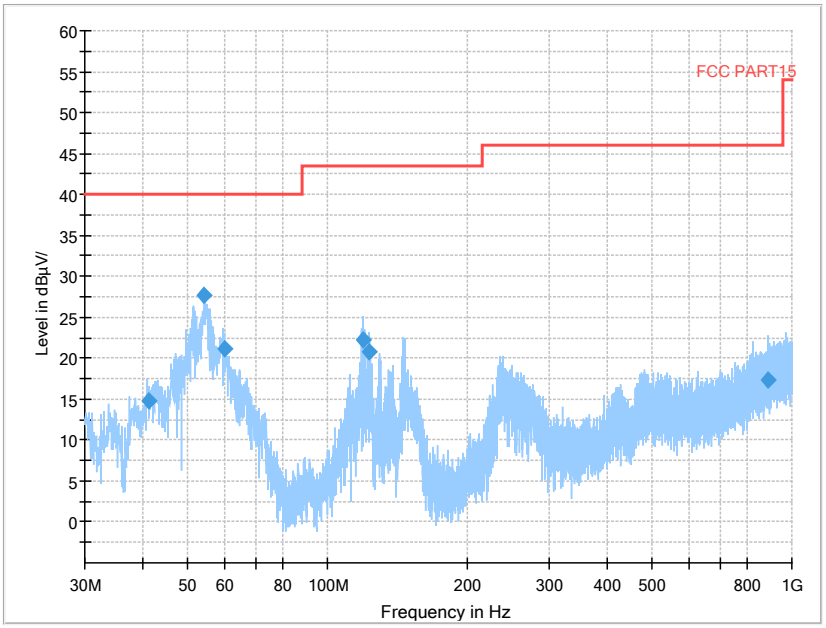


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

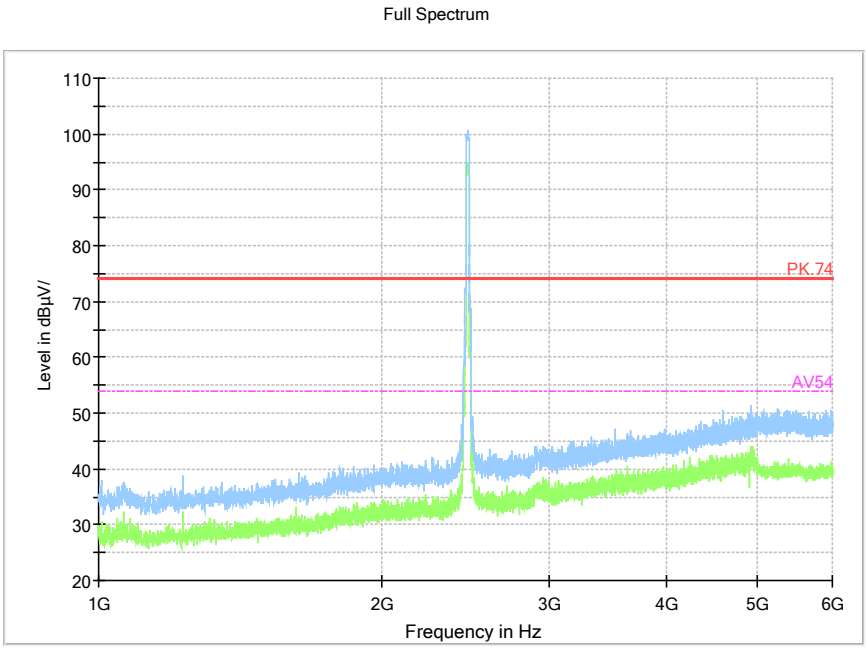


Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

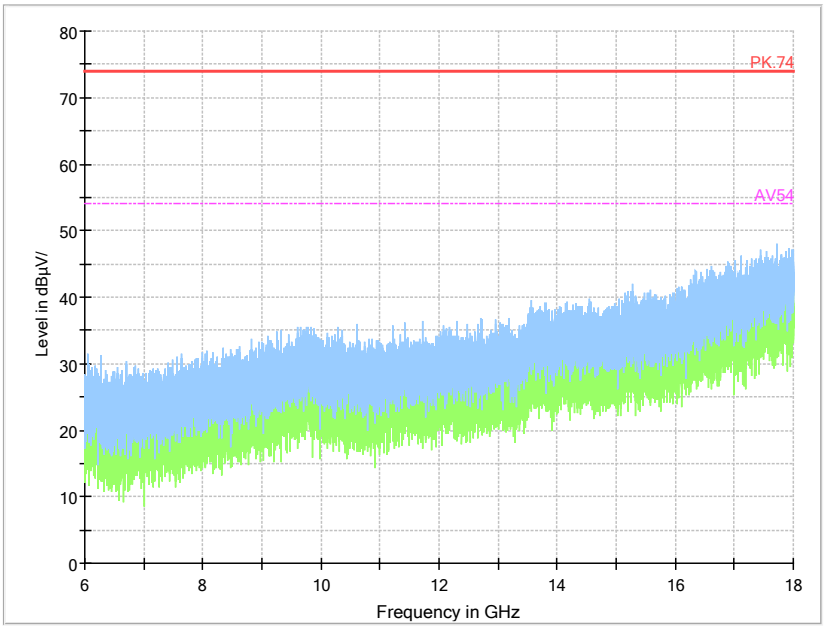
Carrier frequency (MHz): 2462
Channel No.:11



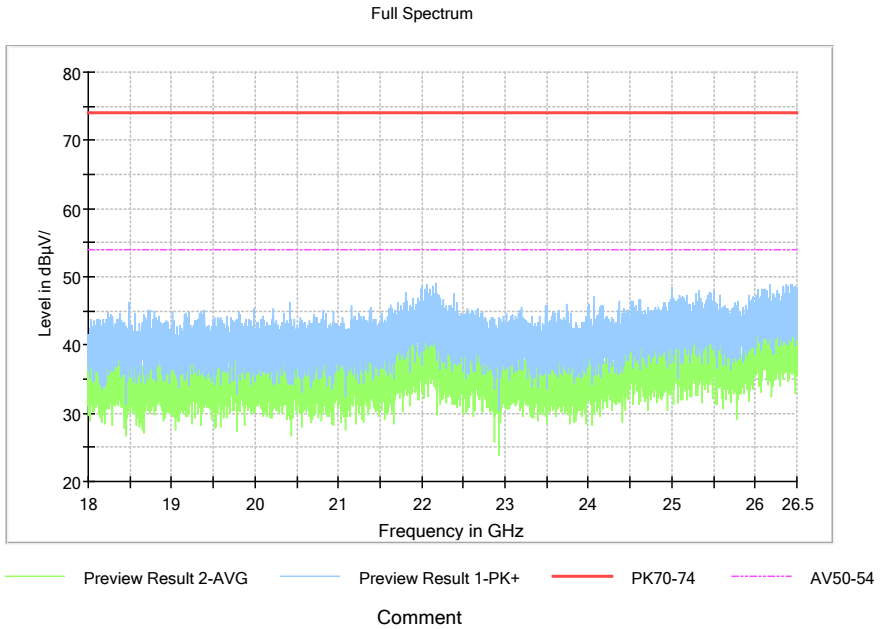
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11g



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



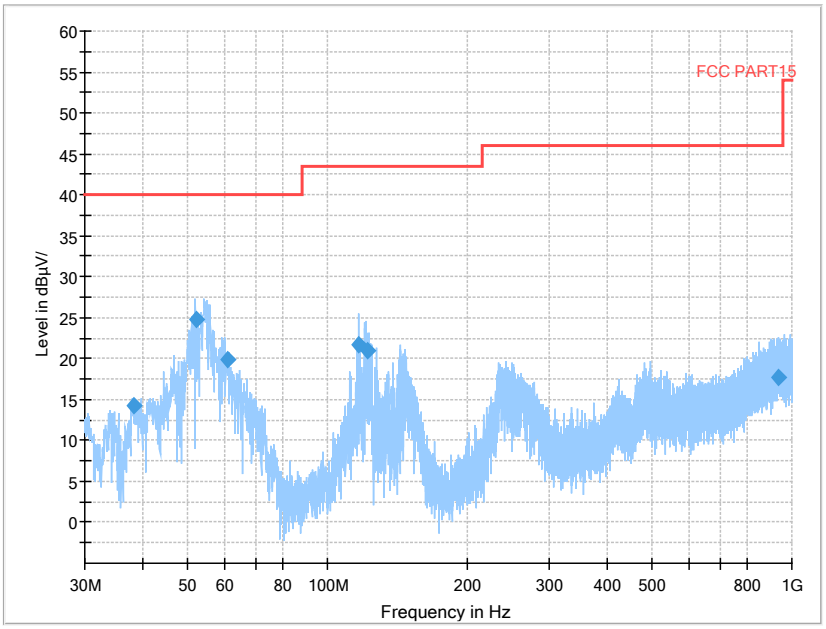
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11g



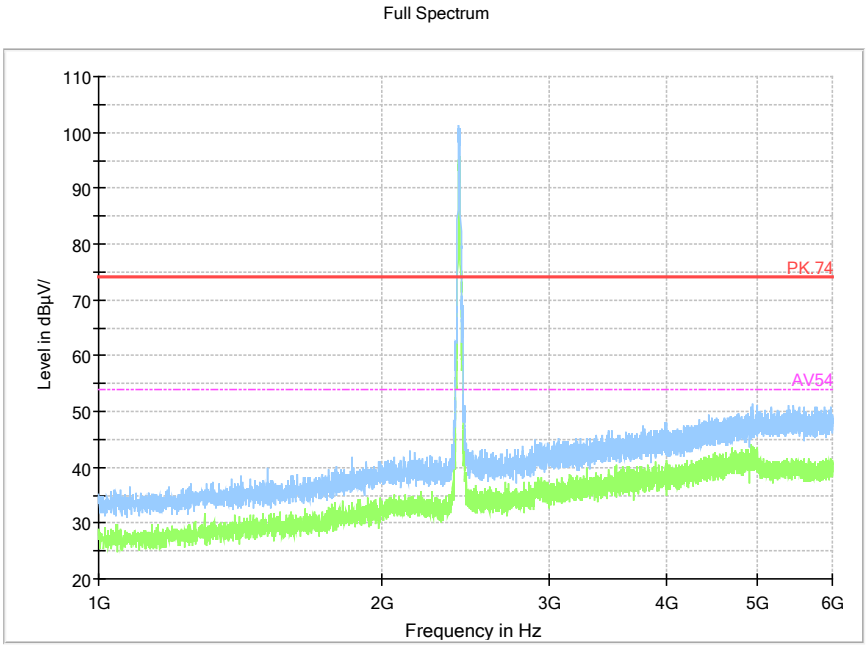
Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11g

Carrier frequency (MHz): 2412

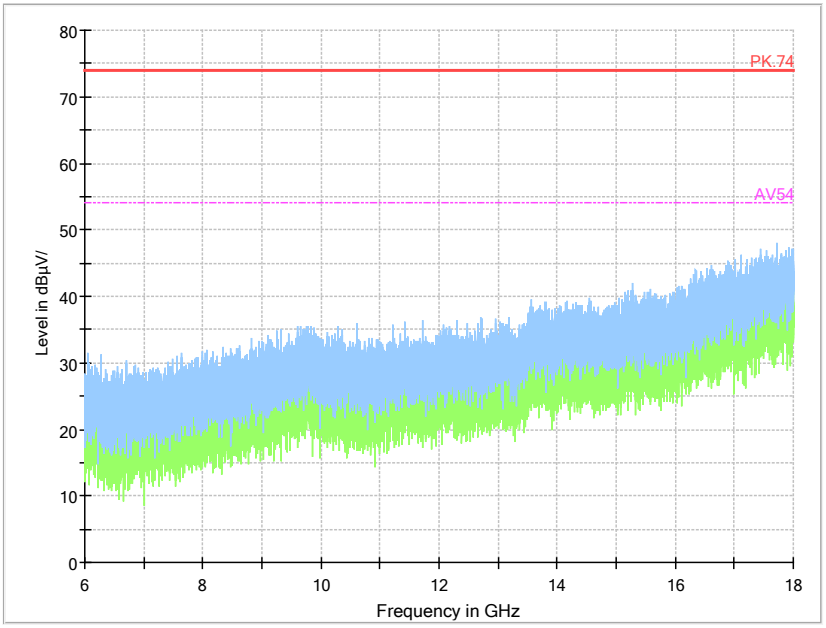
Channel No.:1



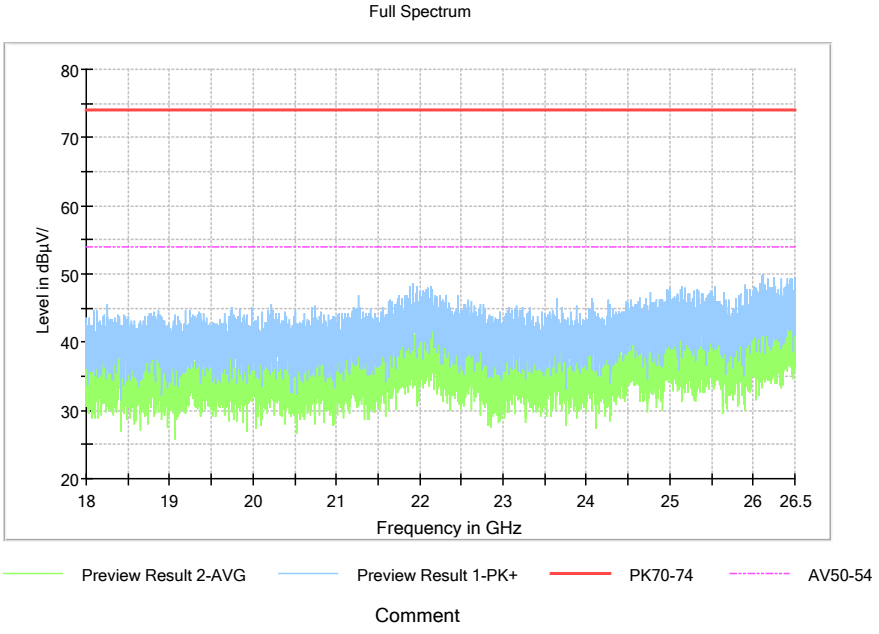
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n(HT20)



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

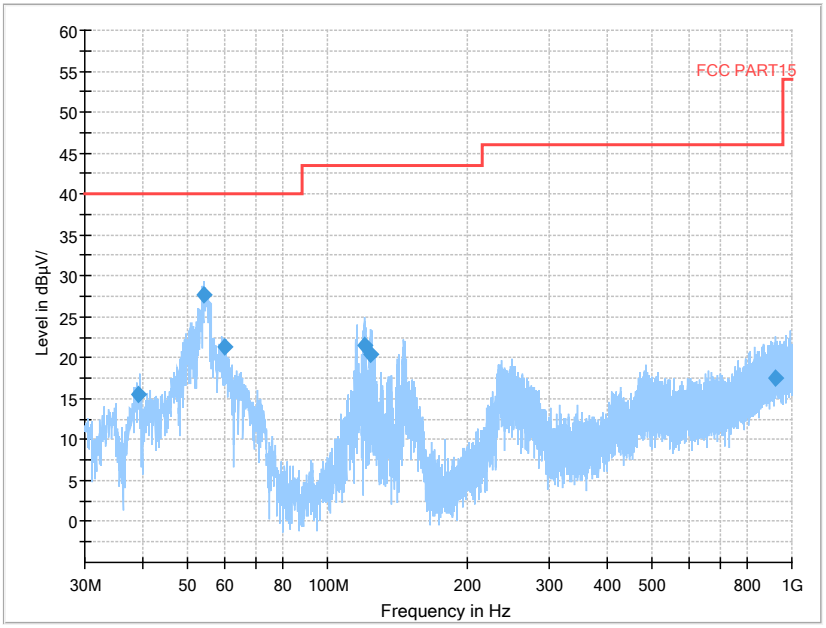


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 n(HT20)

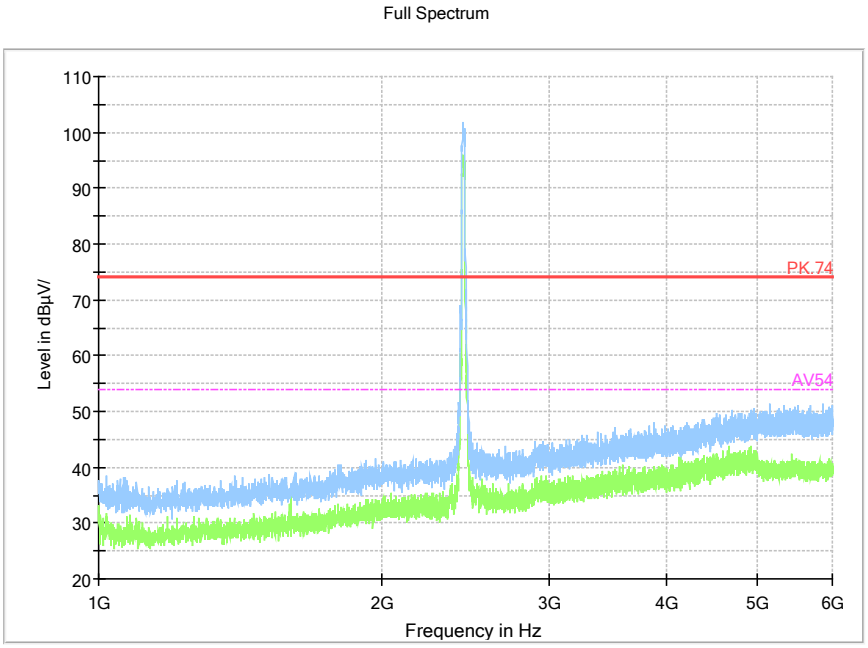


Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11 n(HT20)

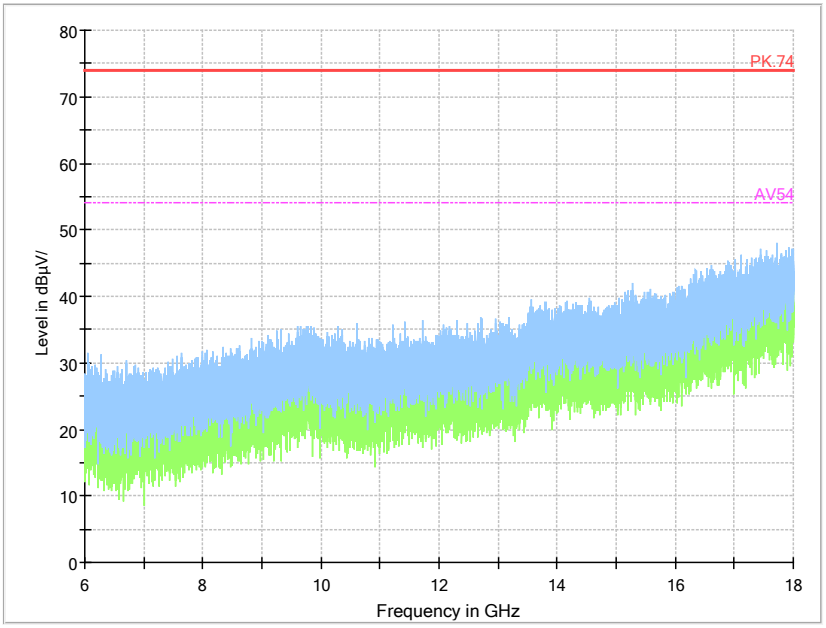
Carrier frequency (MHz): 2437
Channel No.:6



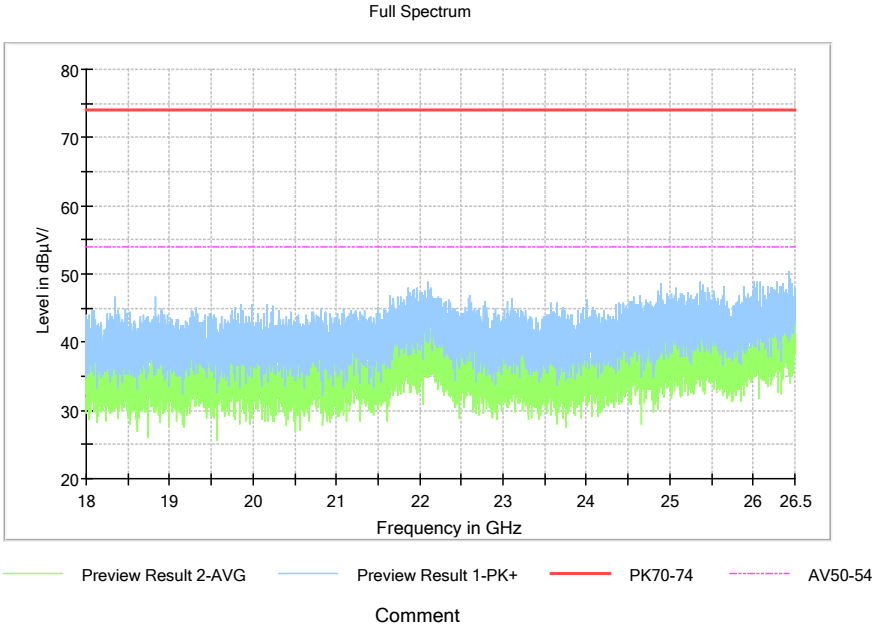
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11 n(HT20)



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

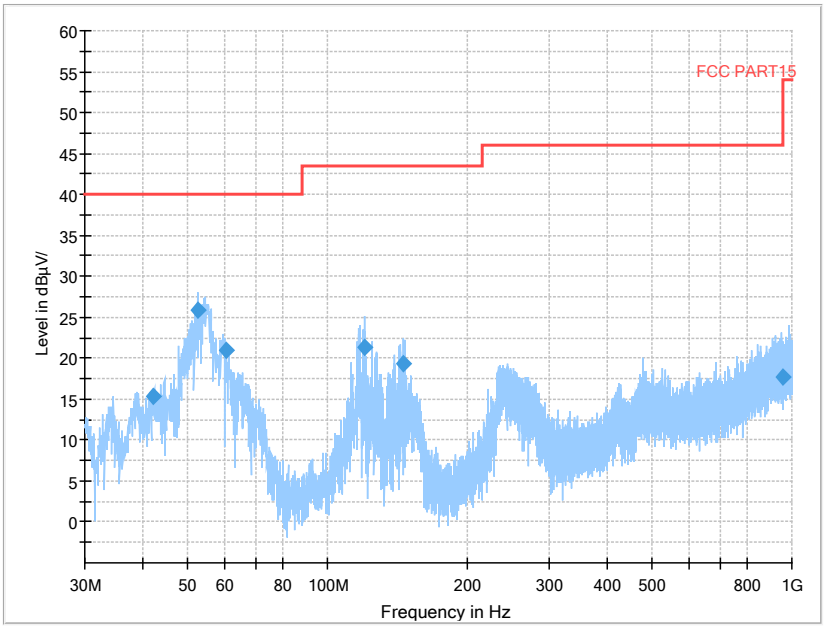


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 n(HT20)

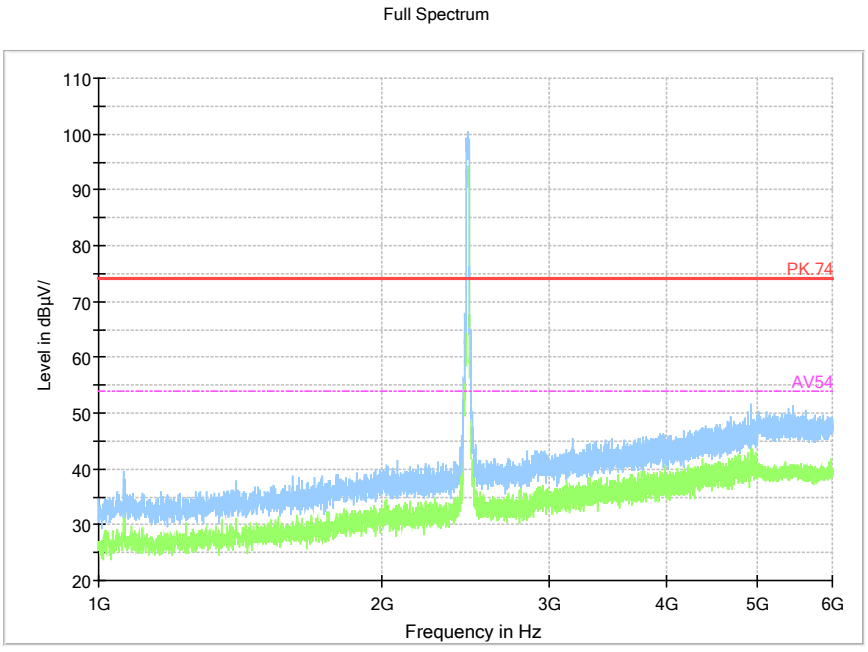


Frequency Range: 18GHz -25GHz
Detector: Av mode and PK mode
Modulation type: 802.11 n(HT20)

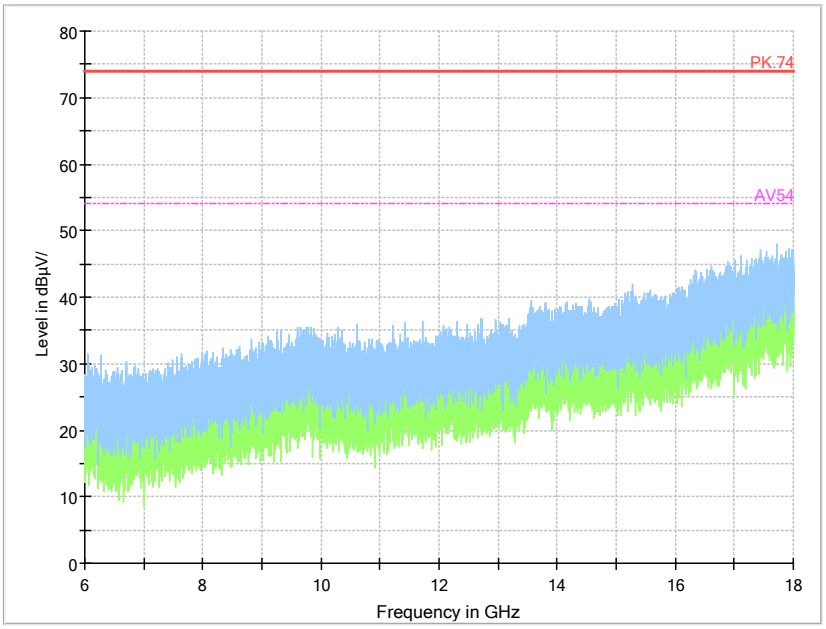
Carrier frequency (MHz): 2462
Channel No.:11



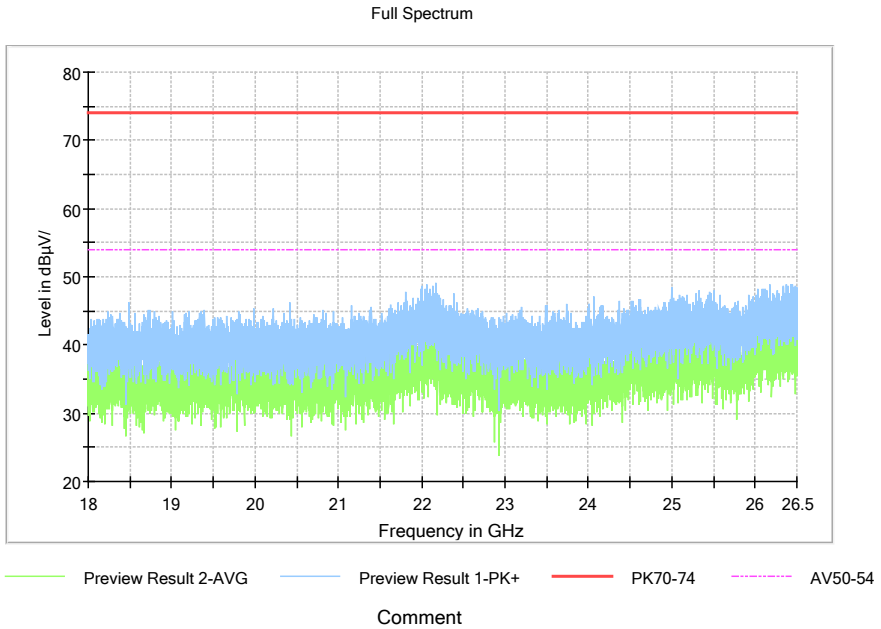
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11 n(HT20)



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



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



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

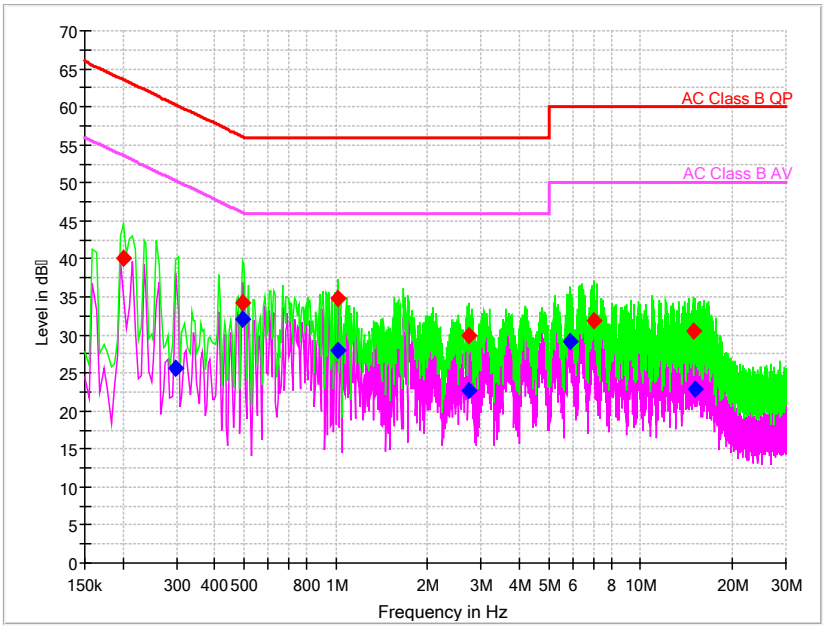
AC Power line Conducted Emission

A “reference path loss” Corr.(dB) is established and the L_{cable}+ATT+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:

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

Sample calculation: (40.06 dBμV) = (10.46dBμV) + (29.6 dB), the corresponding frequency is 0.201305MHz.



L+N Line

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	P_{mea} QuasiPeak (dBμV)	P_{mea} Average (dBμV)
0.201305	40.06	---	63.56	23.49	L1	29.6	10.46	---
0.299250	---	25.56	50.26	24.70	L1	29.6	---	-4.04
0.495141	---	32.10	46.08	13.98	L1	29.6	---	2.5
0.495141	34.12	---	56.08	21.96	L1	29.6	4.52	---
1.017516	34.86	---	56.00	21.14	L1	29.7	5.16	---
1.017516	---	28.02	46.00	17.98	L1	29.7	---	-1.68
2.729227	29.91	---	56.00	26.09	N	29.7	0.21	---
2.729227	---	22.74	46.00	23.26	L1	29.7	---	-6.96
5.896125	---	29.04	50.00	20.96	L1	29.7	---	-0.66
7.006172	31.78	---	60.00	28.22	L1	29.7	2.08	---
14.972391	30.55	---	60.00	29.45	L1	29.8	0.75	---
15.037688	---	22.97	50.00	27.03	N	29.8	---	-6.83

---End of Test Report---