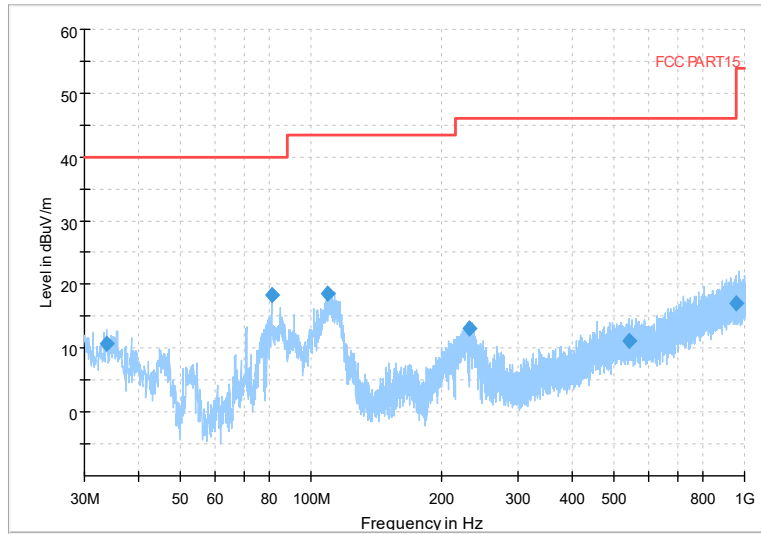
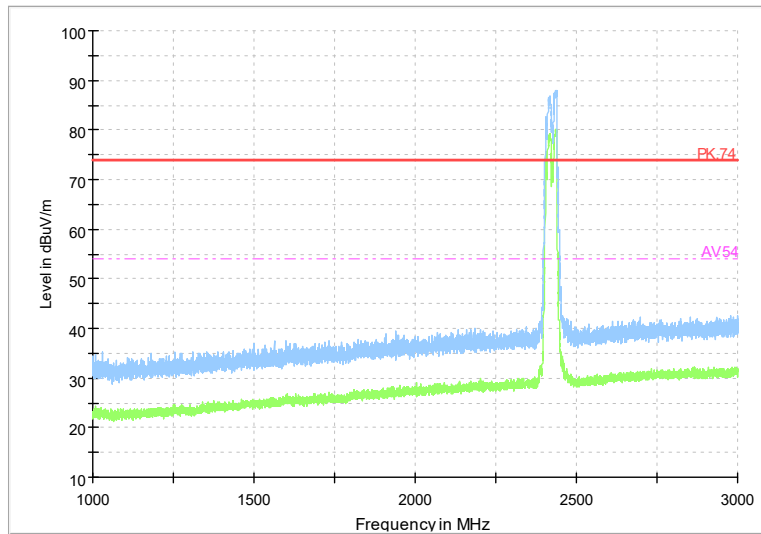


Full Spectrum



Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

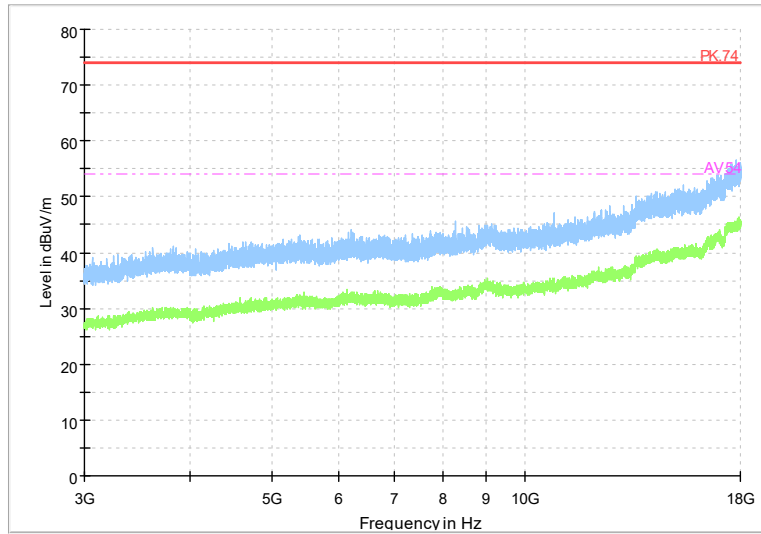
Full Spectrum



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

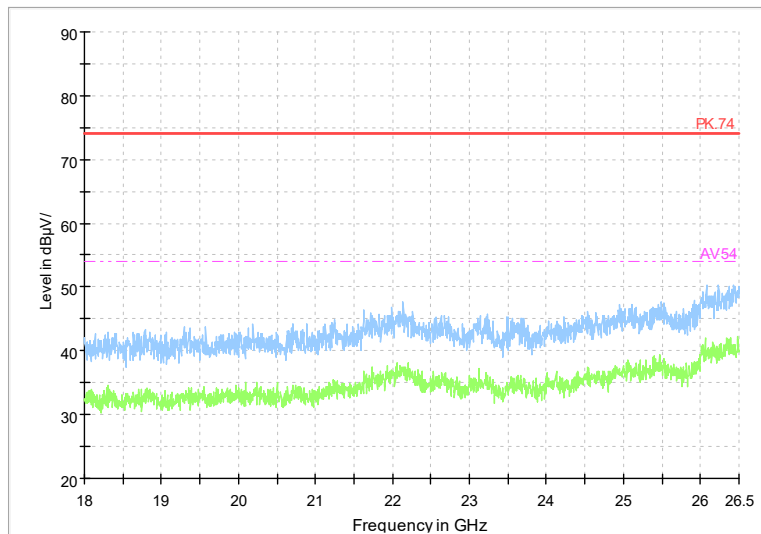


Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

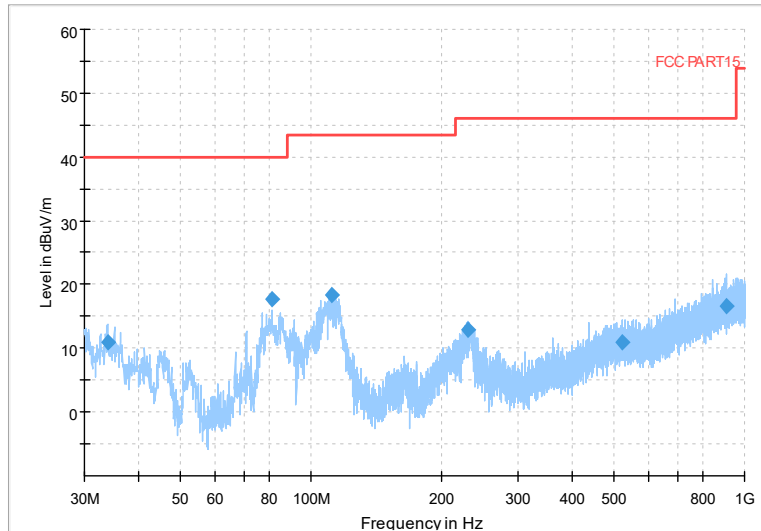
Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

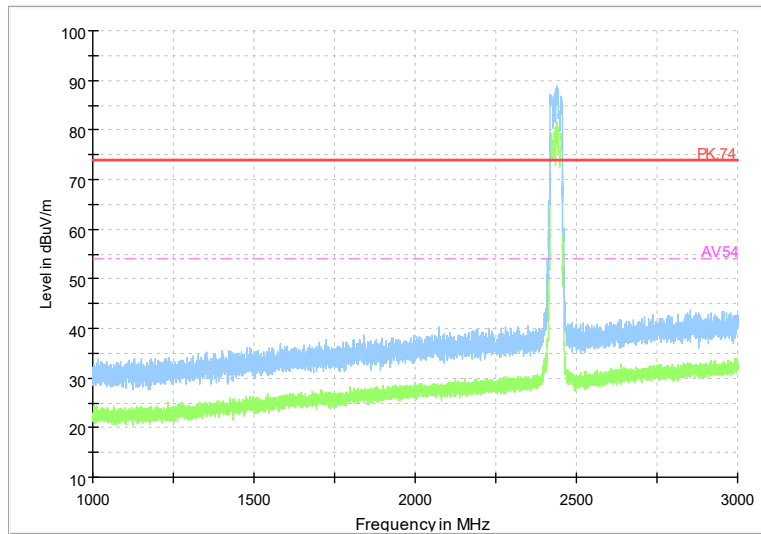
Carrier frequency (MHz): 2437
Channel No.:6

Full Spectrum



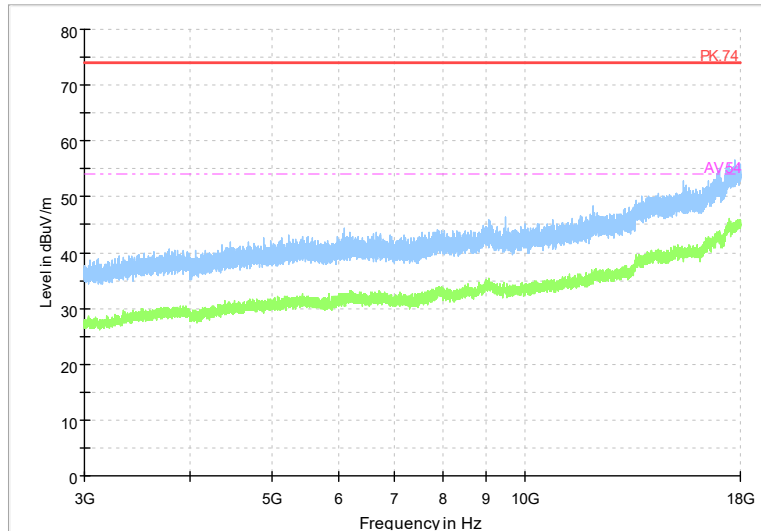
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

Full Spectrum



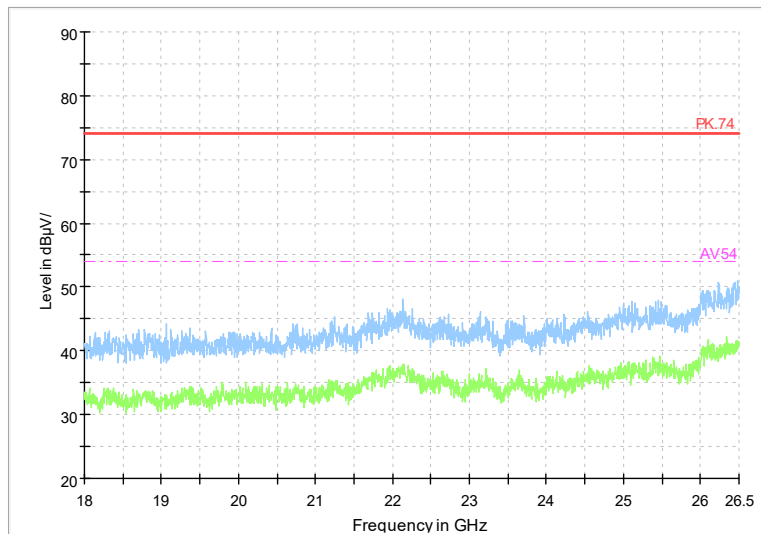
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

Full Spectrum



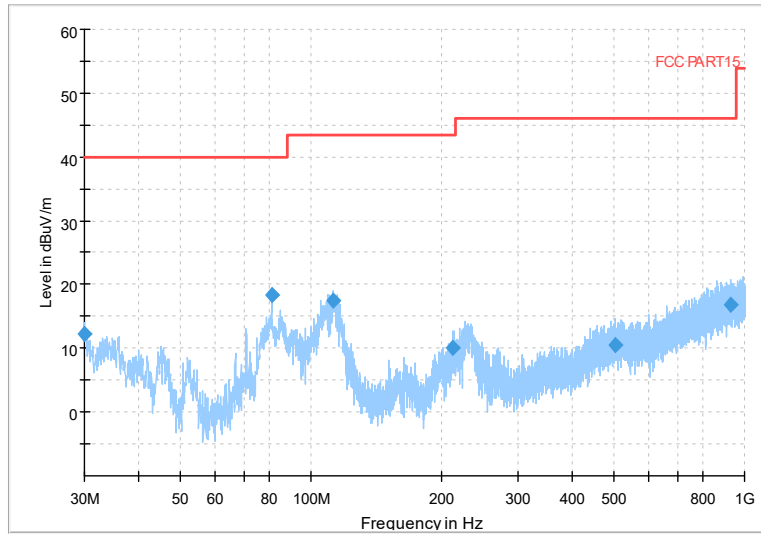
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

Full Spectrum



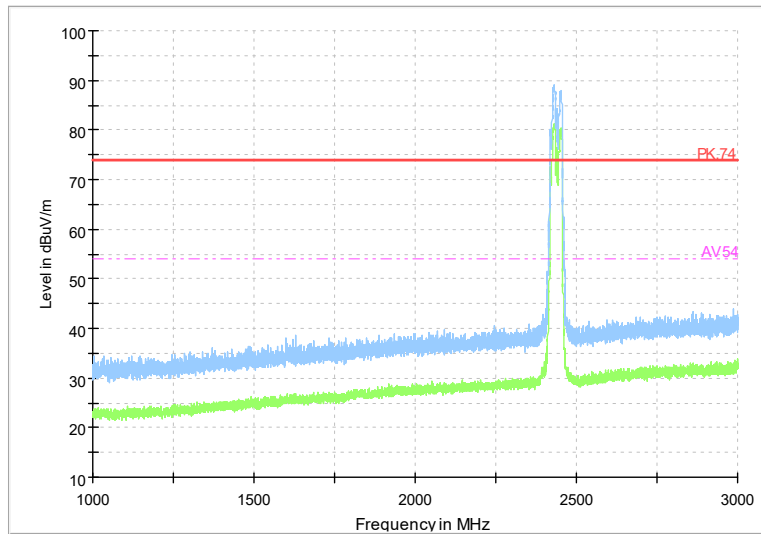
Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

Full Spectrum



Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

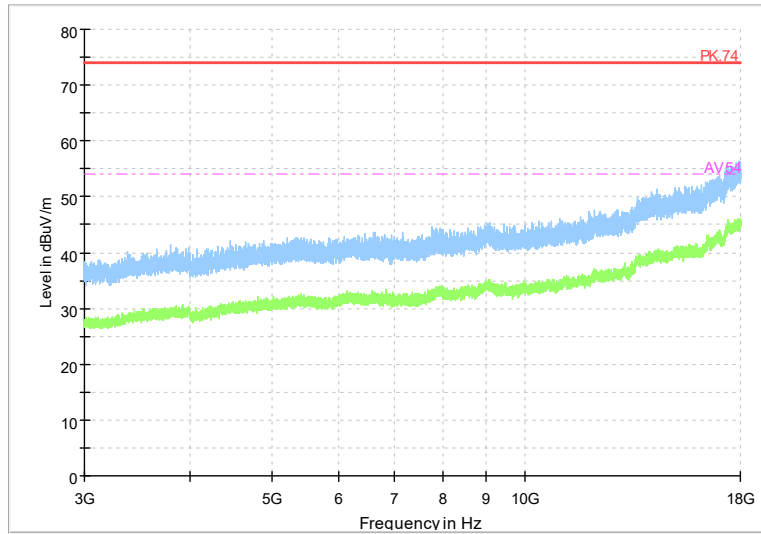
Full Spectrum



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

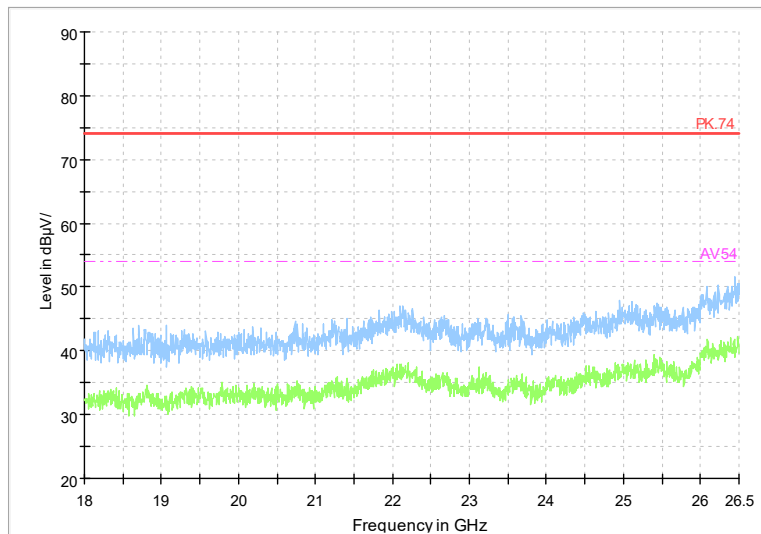


Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

Carrier frequency (MHz): 2452
Channel No.:9

The State Radio_monitoring_centerTesting Center (SRTC)

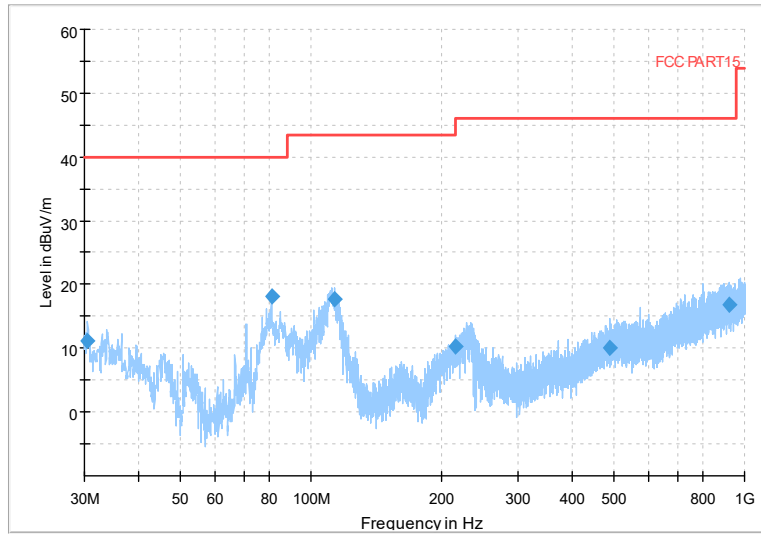
Tel: 86-10-57996183

Fax:86-10-57996388

Page number: 152 of 213

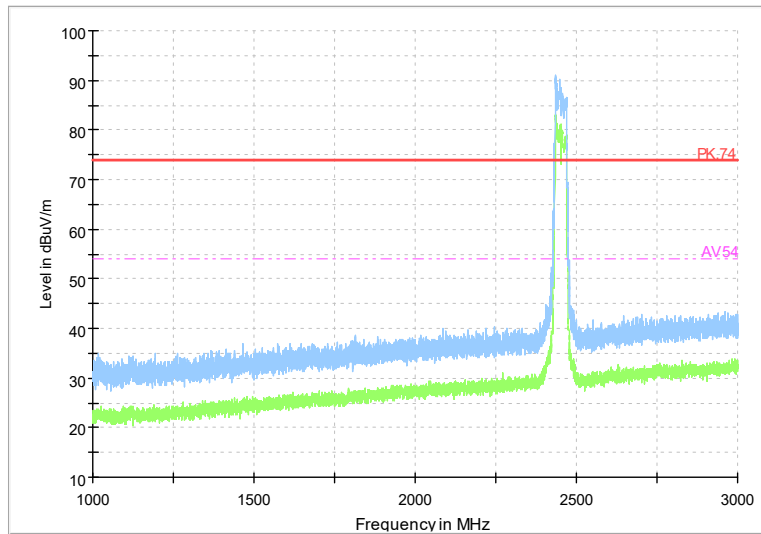
V3.0.0

Full Spectrum



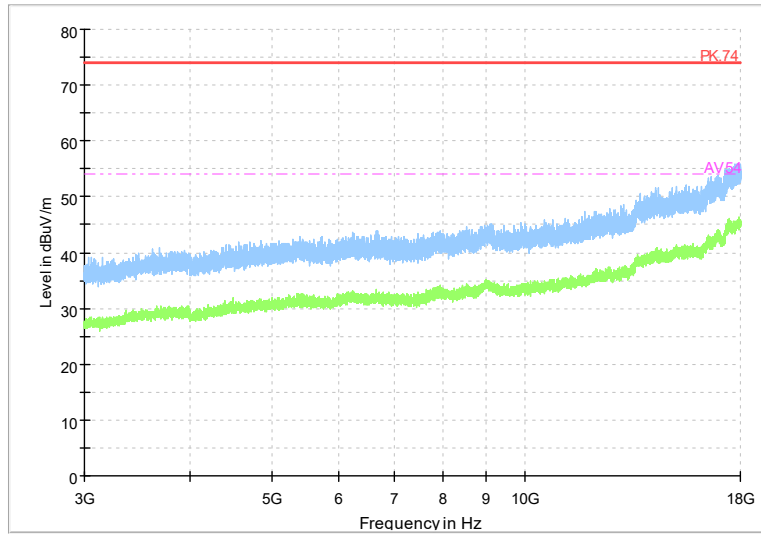
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

Full Spectrum



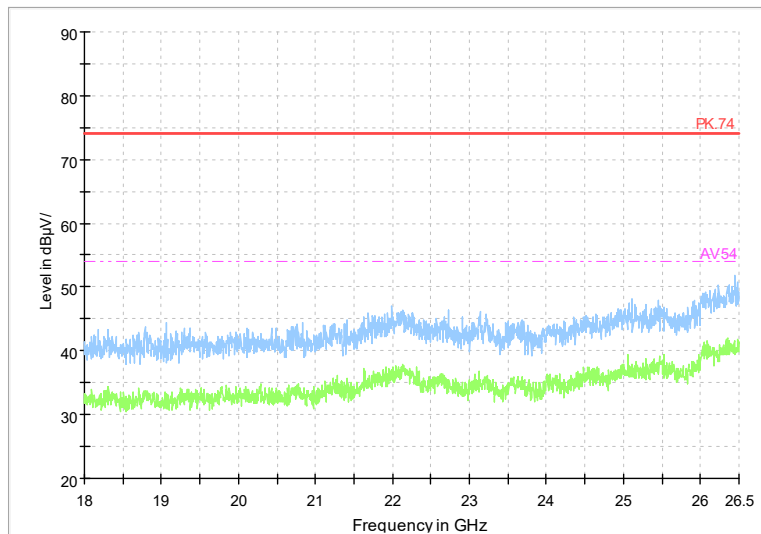
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

Full Spectrum



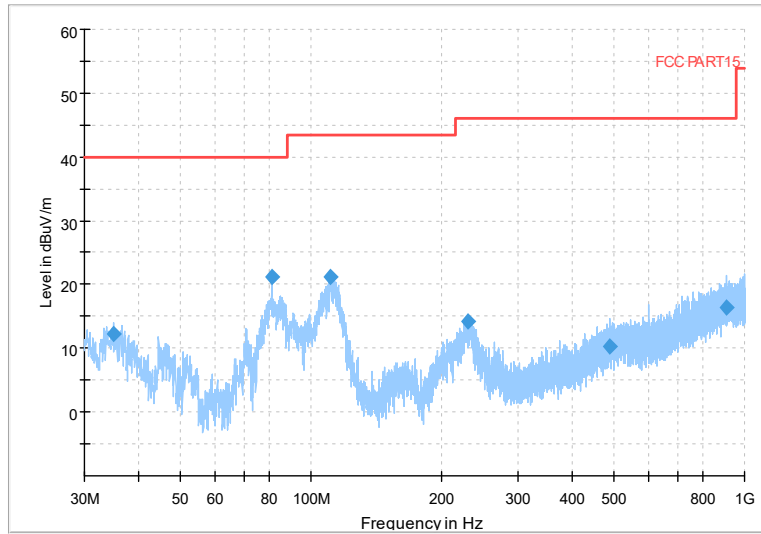
Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

Full Spectrum



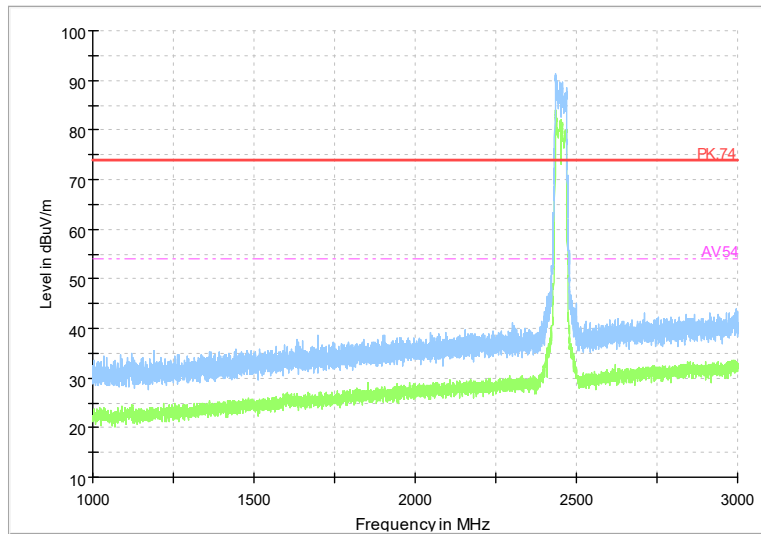
Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

Full Spectrum



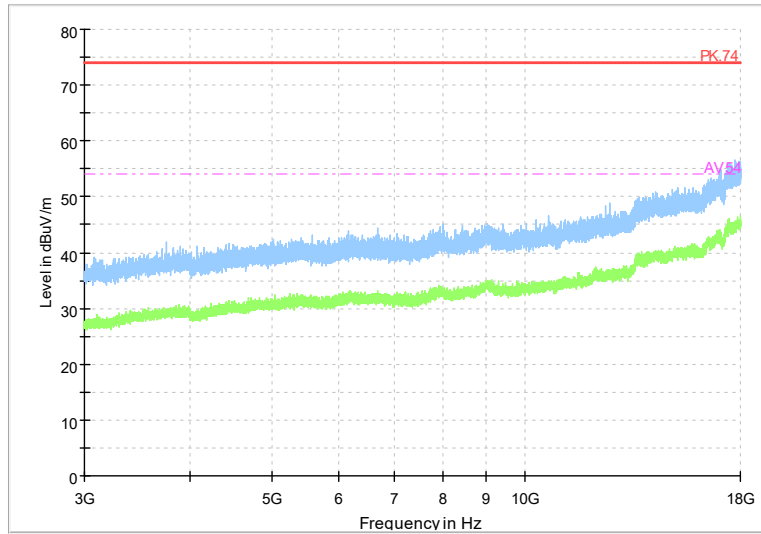
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

Full Spectrum



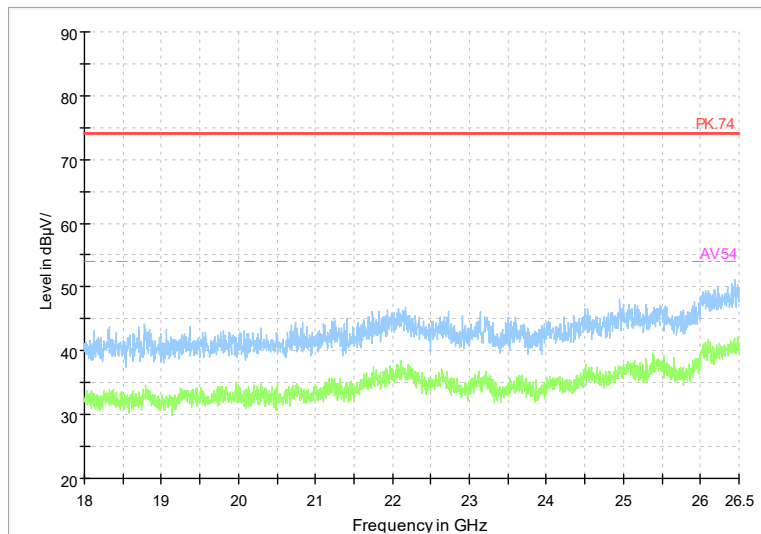
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



For 802.11be(EHT20) Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30	24.33	17.9	6.43	Vertical	40	15.67
83.0105	18.84	8.3	10.54	Vertical	40	21.16
117.1545	27.54	11.8	15.74	Vertical	43.5	15.96
209.062	27.01	10.8	16.21	Vertical	43.5	16.49
438.8065	26.07	18.3	7.77	Vertical	46	19.93
721.901	24.76	21.3	3.46	Vertical	46	21.24

For 802.11be(EHT20) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
33.395	23.07	17	6.07	Vertical	40	16.93
83.6895	18.83	8.4	10.43	Vertical	40	21.17
111.4315	27.23	11.4	15.83	Vertical	43.5	16.27
209.9835	26.76	10.8	15.96	Vertical	43.5	16.74
441.3285	26.15	18.4	7.75	Vertical	46	19.85
939.5205	29.27	24.4	4.87	Vertical	46	16.73

For 802.11be(EHT20) Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.6305	23.93	17.8	6.13	Vertical	40	16.07
83.1075	19.72	8.3	11.42	Vertical	40	20.28
117.4455	27.82	11.9	15.92	Vertical	43.5	15.68
214.785	26.13	11.8	14.33	Vertical	43.5	17.37
445.0145	22.3	18.5	3.8	Vertical	46	23.7
954.701	29.07	24.5	4.57	Vertical	46	16.93

For 802.11be(EHT40) Channel No.:3

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.5335	24.09	17.8	6.29	Vertical	40	15.91
83.156	19.13	8.4	10.73	Vertical	40	20.87
117.8335	27.88	12	15.88	Vertical	43.5	15.62
213.524	26.02	11.5	14.52	Vertical	43.5	17.48
438.273	26.01	18.2	7.81	Vertical	46	19.99
935.5435	29.16	24.4	4.76	Vertical	46	16.84

For 802.11be(EHT40) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
31.649	23.62	17.5	6.12	Vertical	40	16.38
83.1075	19.78	8.3	11.48	Vertical	40	20.22
117.6395	27.53	12	15.53	Vertical	43.5	15.97

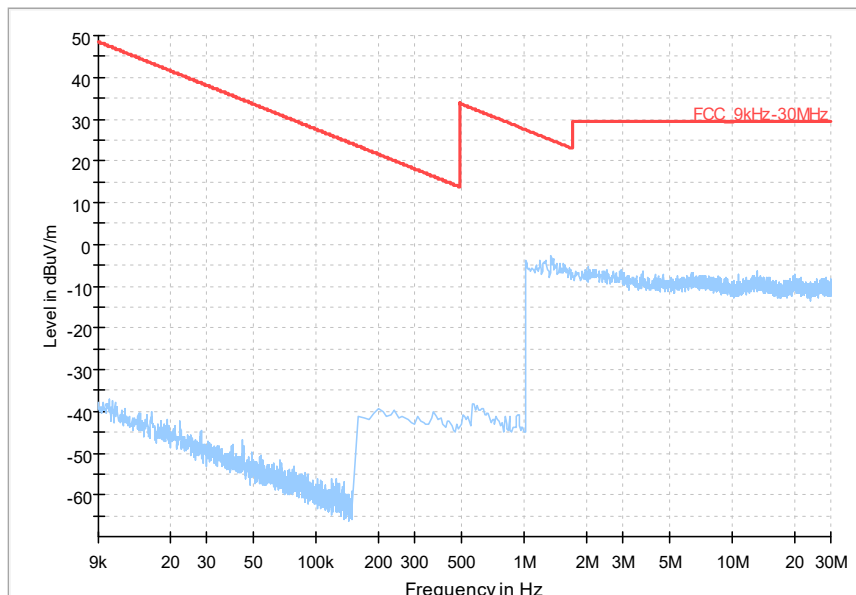


209.4985	27.17	10.8	16.37	Vertical	43.5	16.33
432.162	25.61	17.7	7.91	Vertical	46	20.39
928.414	28.93	24.1	4.83	Vertical	46	17.07

For 802.11be(EHT40) Channel No.:9

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
31.552	23.67	17.6	6.07	Vertical	40	16.33
83.2045	18.74	8.4	10.34	Vertical	40	21.26
115.651	26.18	11.5	14.68	Vertical	43.5	17.32
208.771	26.89	10.8	16.09	Vertical	43.5	16.61
440.7465	26.17	18.4	7.77	Vertical	46	19.83
939.666	29.22	24.4	4.82	Vertical	46	16.78

Full Spectrum



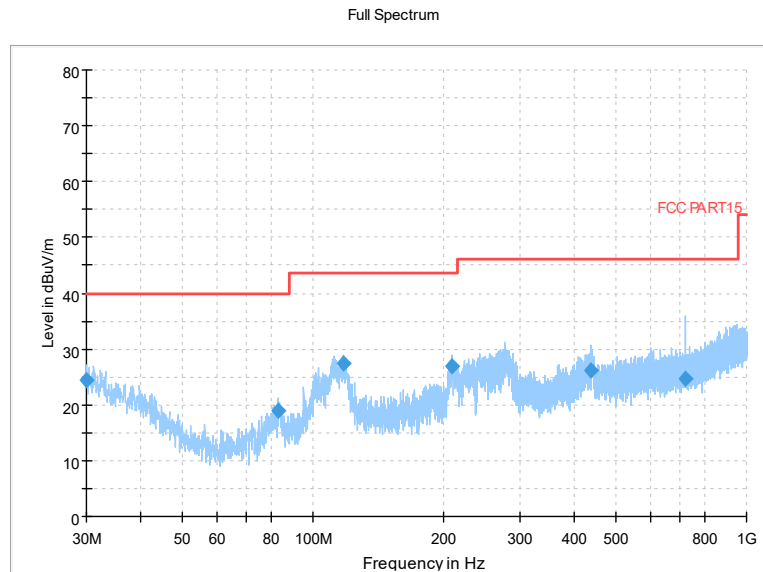
Frequency Range: 9kHz -30MHz

Detector: QP mode

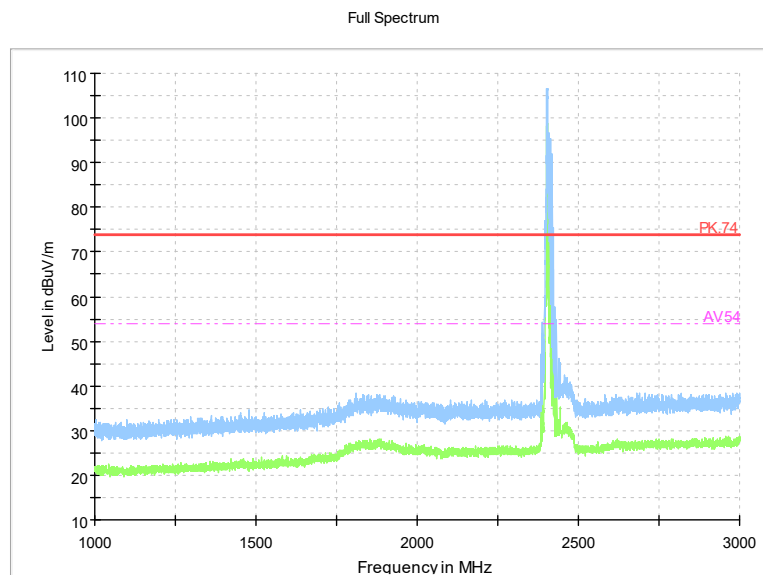
Note: The relevant tests have been performed in order to verify in which mode would have the worst features, the result show above is the worst case.



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



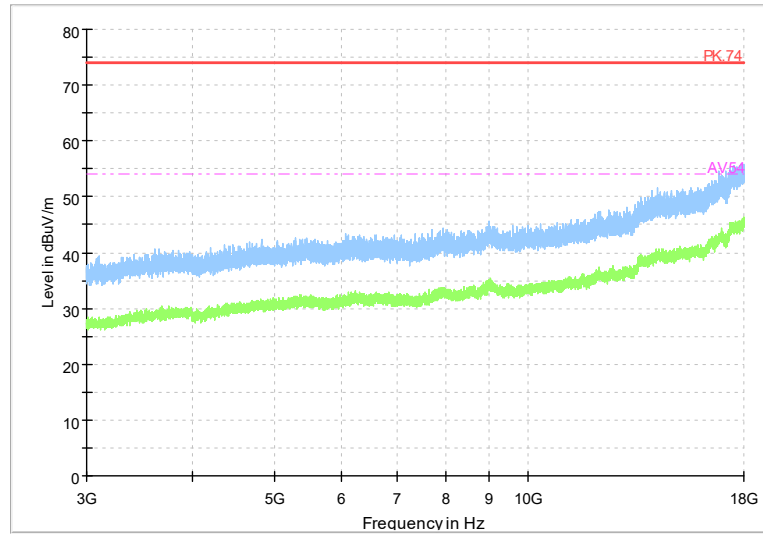
Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11 be(EHT20)



Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

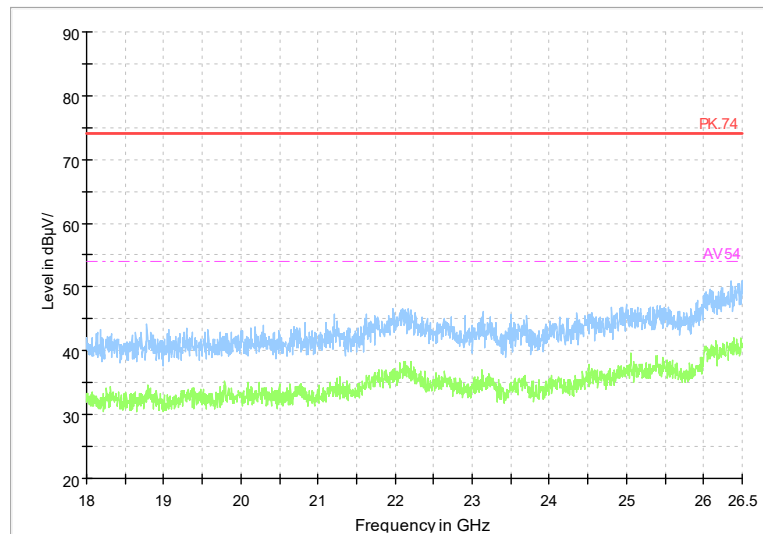


Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

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

The State Radio_monitoring_centerTesting Center (SRTC)

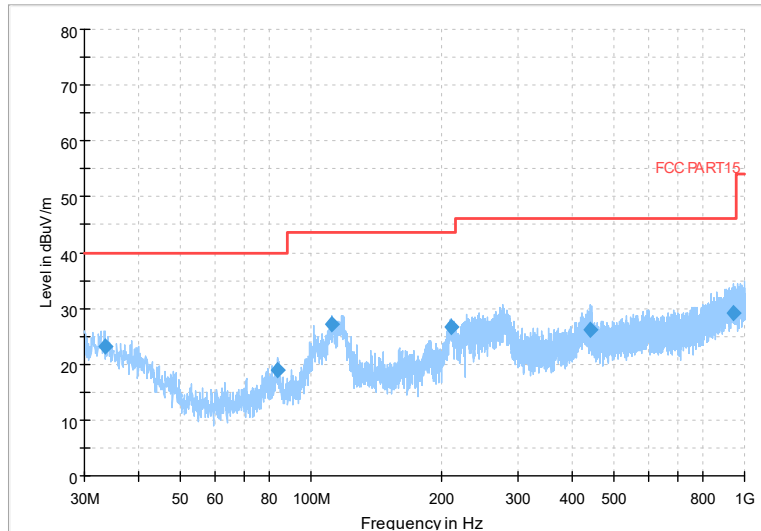
Tel: 86-10-57996183

Fax:86-10-57996388

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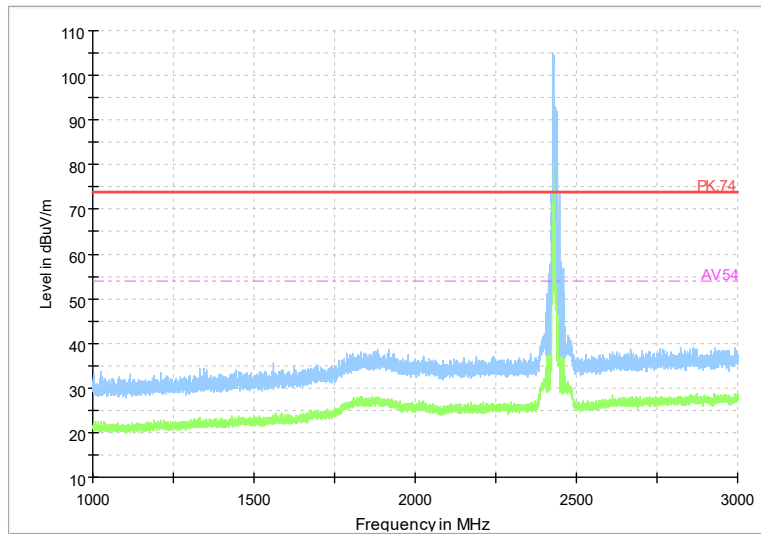
V3.0.0

Full Spectrum



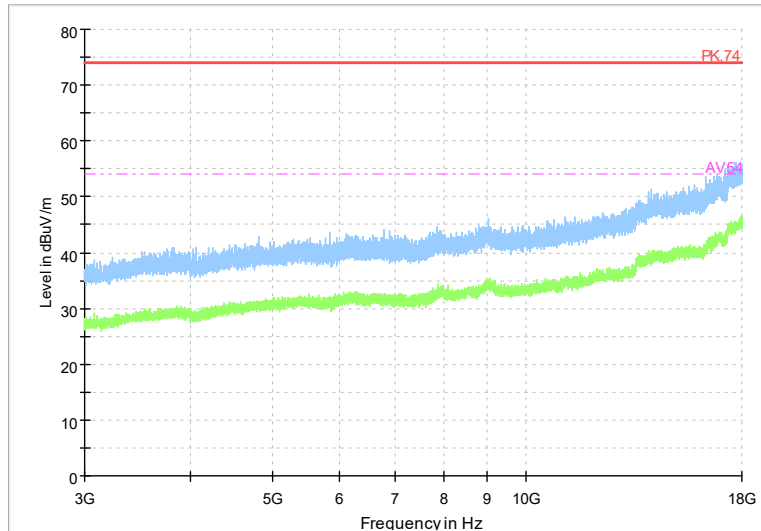
Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



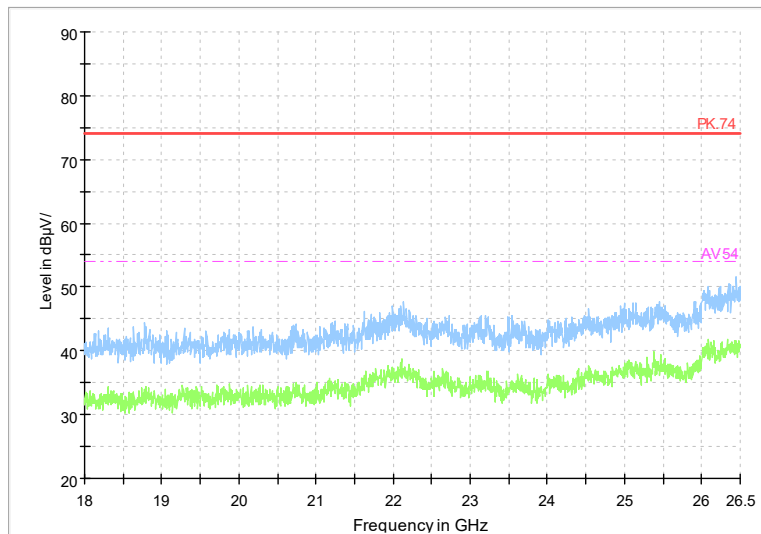
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

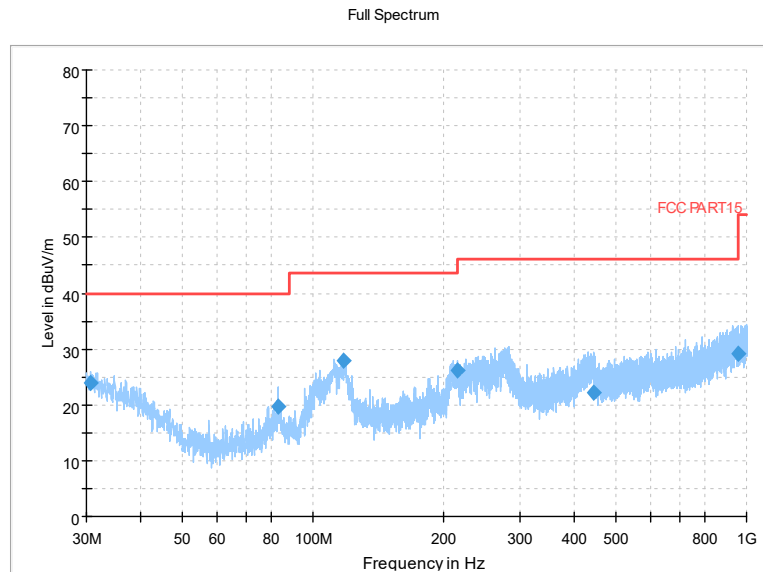
Full Spectrum



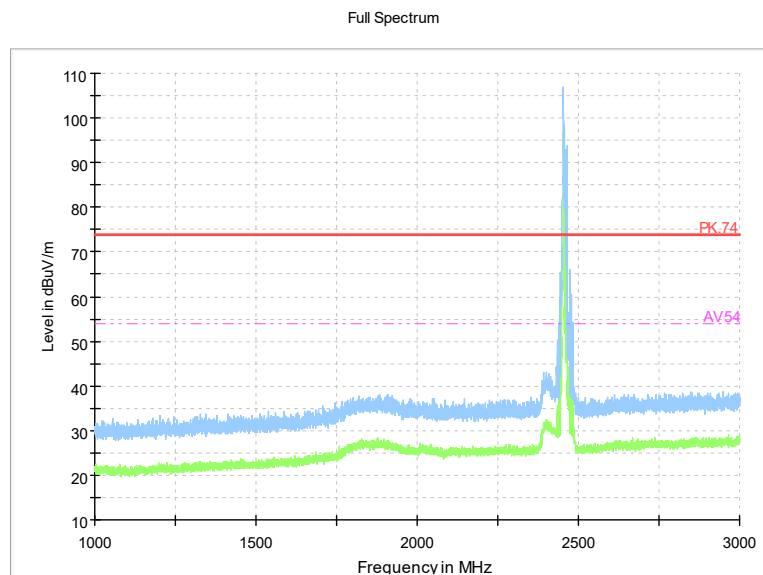
Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)



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

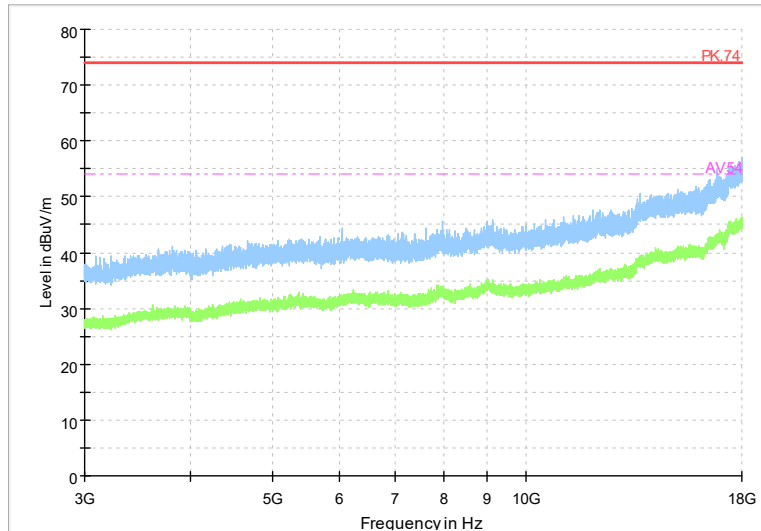


Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 be(EHT20)



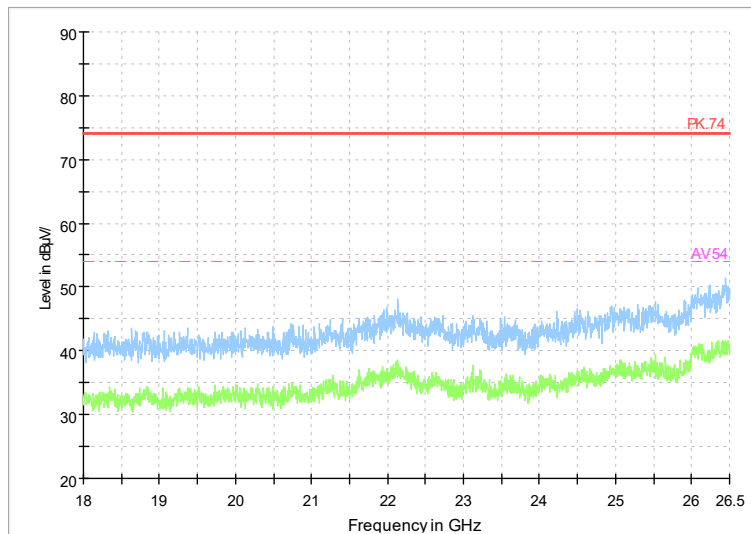
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

Carrier frequency (MHz): 2422
Channel No.:3

The State Radio_monitoring_centerTesting Center (SRTC)

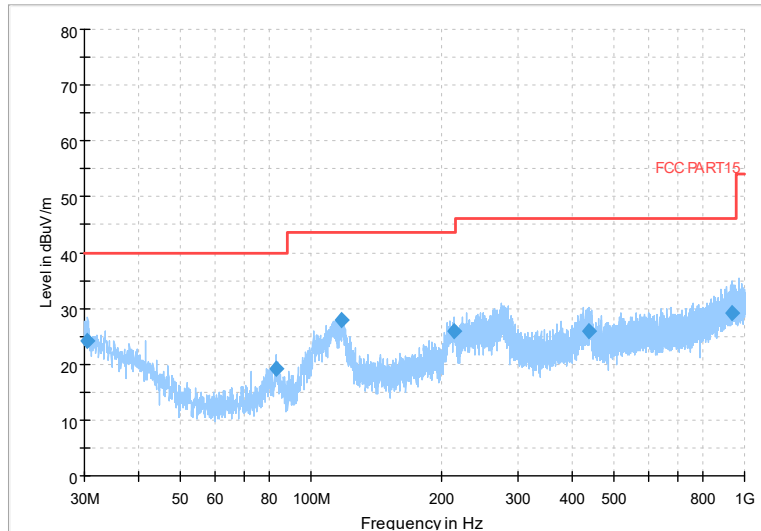
Tel: 86-10-57996183

Fax:86-10-57996388

Page number: 164 of 213

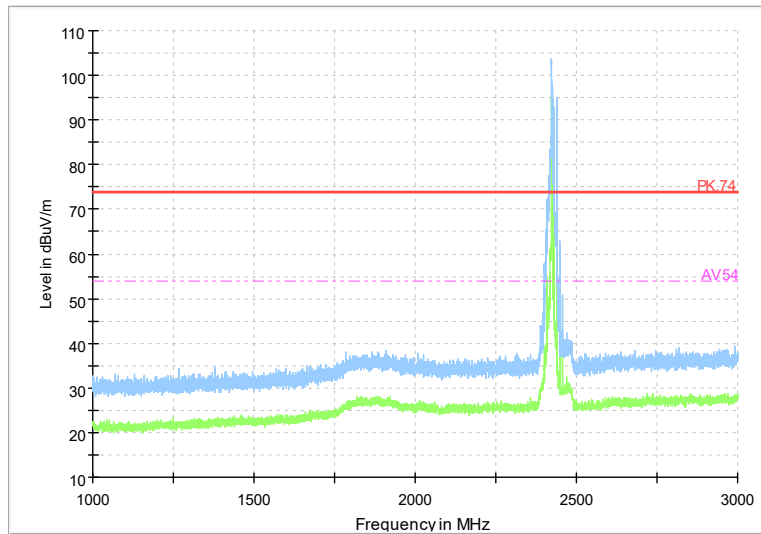
V3.0.0

Full Spectrum



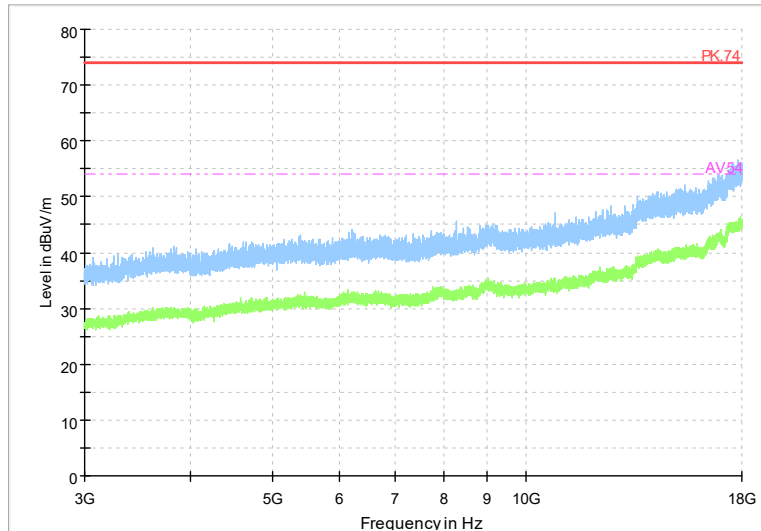
Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



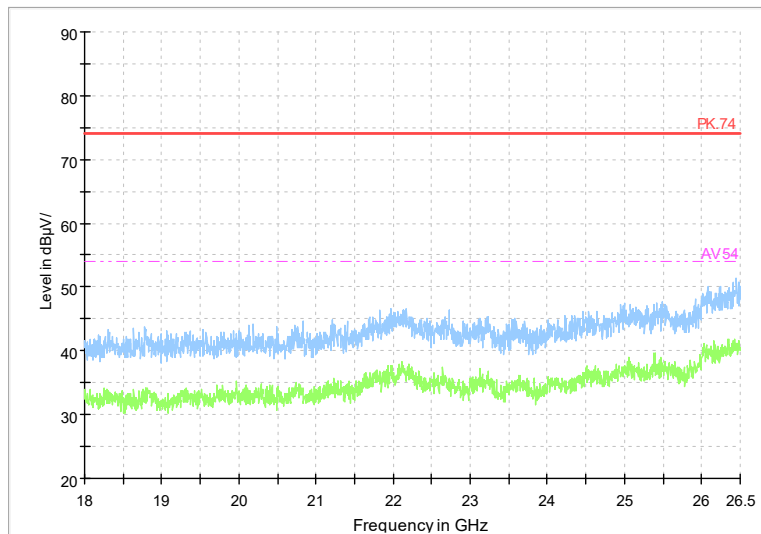
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

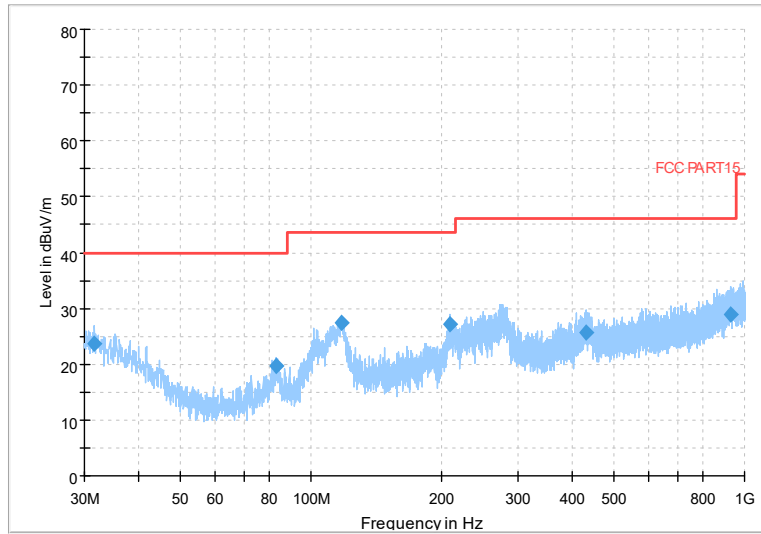
Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

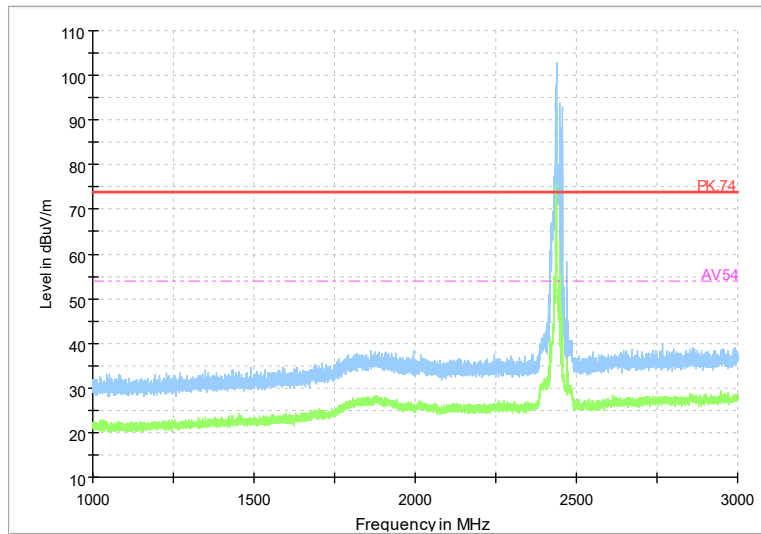
Carrier frequency (MHz): 2437
Channel No.:6

Full Spectrum



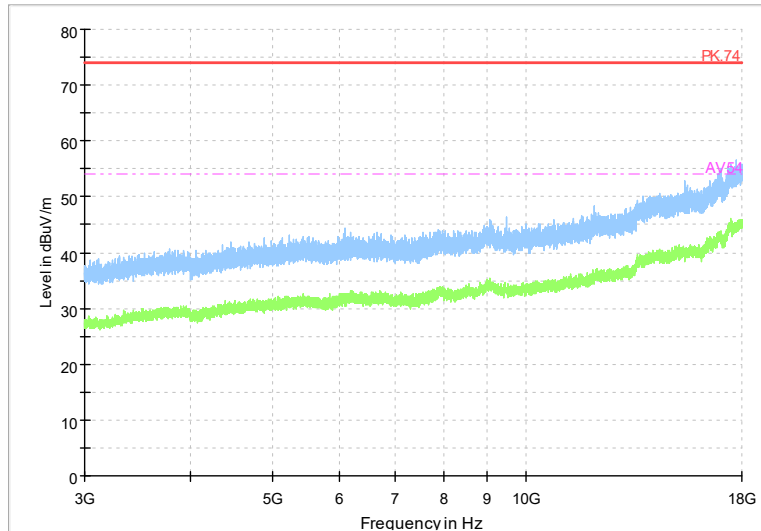
Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



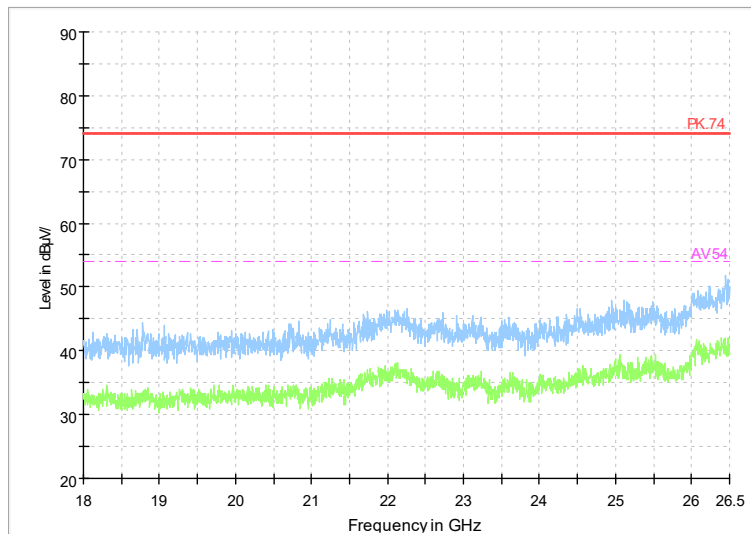
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

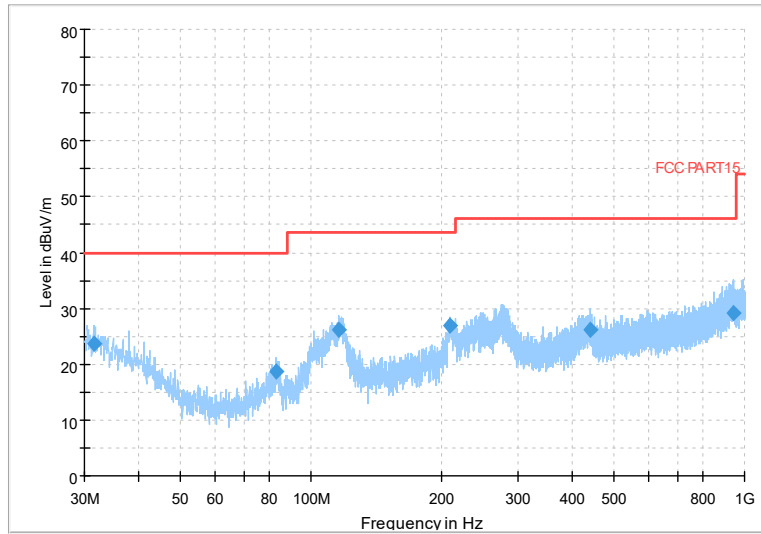
Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

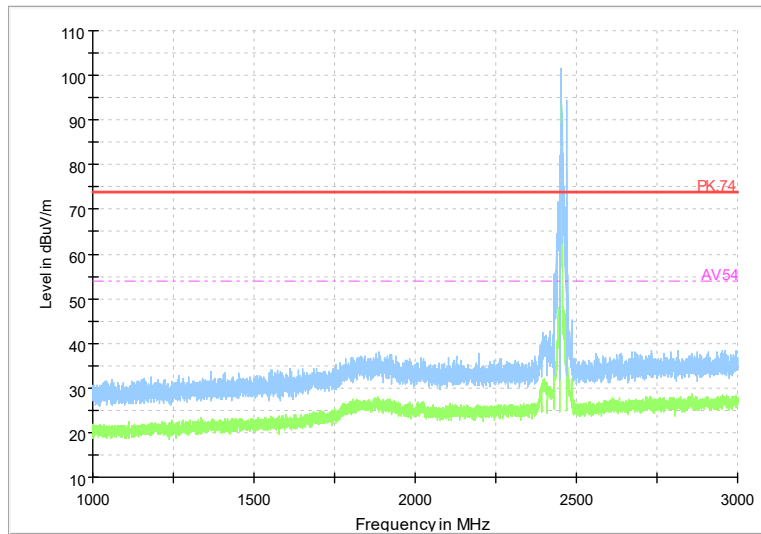
Carrier frequency (MHz): 2452
Channel No.:9

Full Spectrum



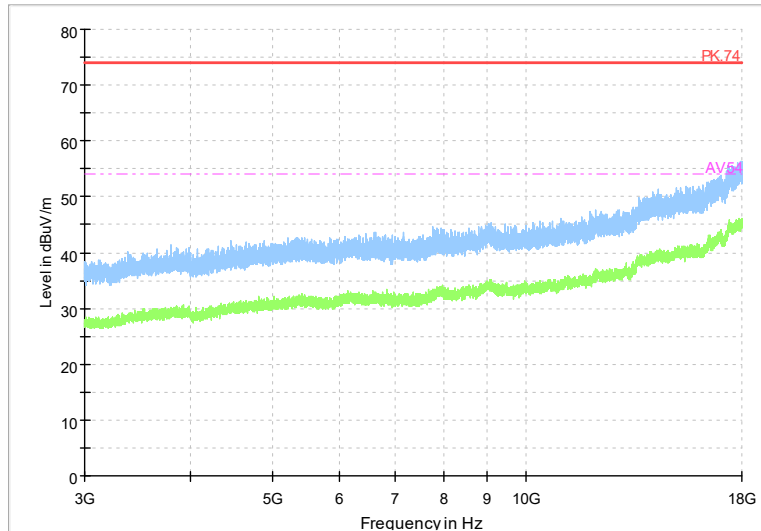
Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



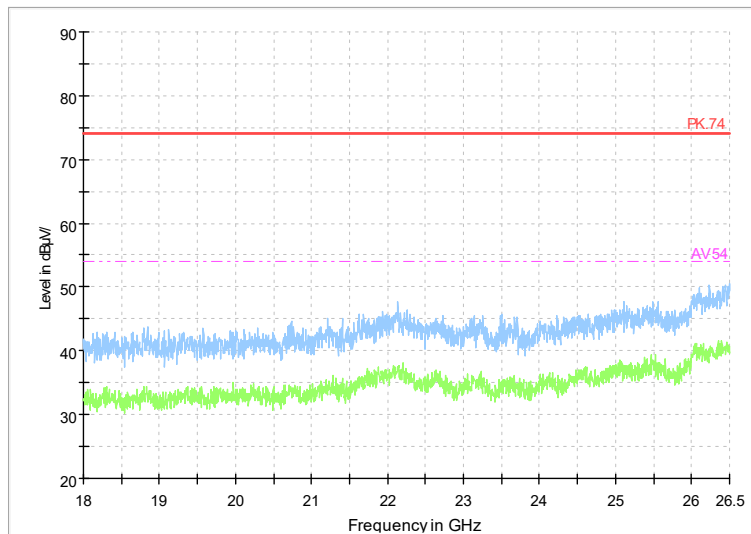
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

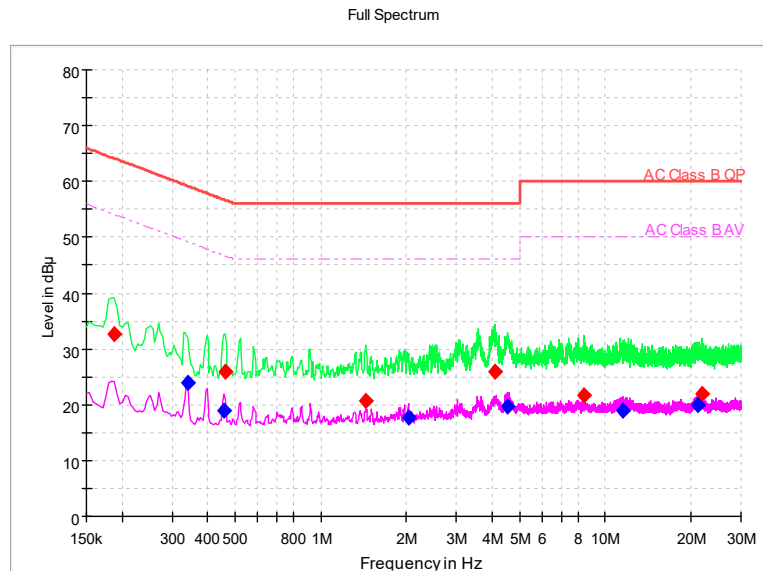
AC Power line Conducted Emission

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: $(32.62 \text{ dB}\mu\text{V}) = (3.02 \text{ dB}\mu\text{V}) + (29.6 \text{ dB})$, the corresponding frequency is 0.188379 MHz.



L+N Line

MEASUREMENT RESULT:

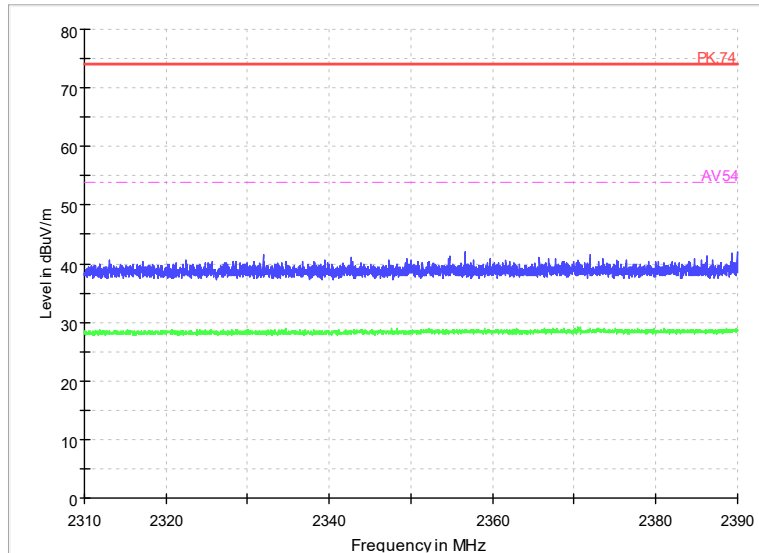
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PmeaQuasiPeak (dBμV)	Pmea Average (dBμV)
0.188379	32.62	---	64.11	31.49	N	29.6	3.02	---
0.341893	---	24.01	49.16	25.15	L1	29.6	---	-5.59
0.457029	---	18.93	46.75	27.82	L1	29.6	---	-10.67
0.461293	25.8	---	56.67	30.87	N	29.6	-3.8	---
1.437814	20.78	---	56	35.22	L1	29.6	-8.82	---
2.03055	---	17.71	46	28.29	L1	29.6	---	-11.89
4.081672	25.97	---	56	30.03	L1	29.6	-3.63	---
4.525157	---	19.67	46	26.33	L1	29.7	---	-10.03
8.435507	21.66	---	60	38.34	L1	29.8	-8.14	---
11.51858	---	19.02	50	30.98	L1	29.9	---	-10.88
21.23689	---	19.85	50	30.15	L1	30.3	---	-10.45
21.78272	21.92	---	60	38.08	L1	30.4	-8.48	---



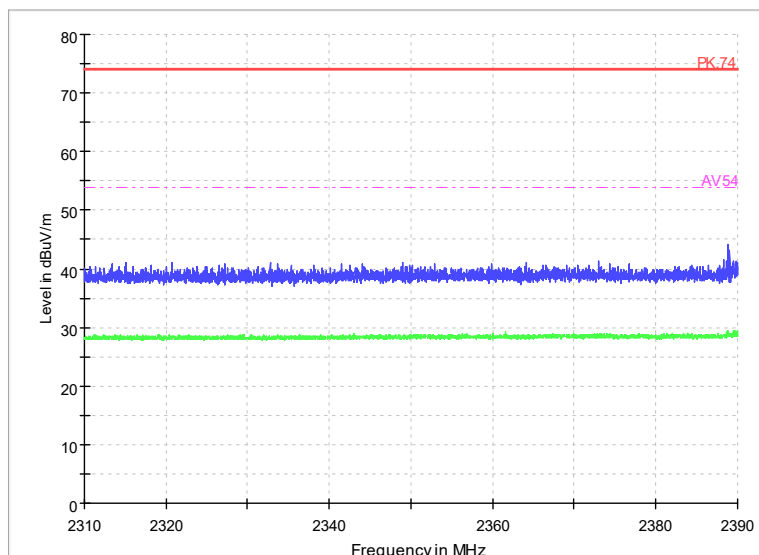
Radiated Emission Band Edge for Partial RU

Note: All RU modes have been evaluated, and Partial RU26 is the worst-case scenario, the report only reflects the worst-case data

Partial RU (Tone26)

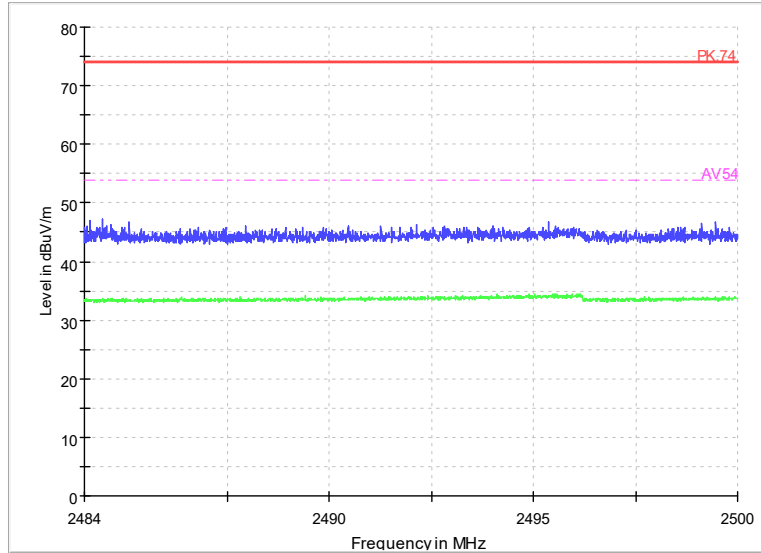


Radiated Emission Band Edge
Channel No.:1
Test Mode: 802.11ax(HE20)
Polarization: V

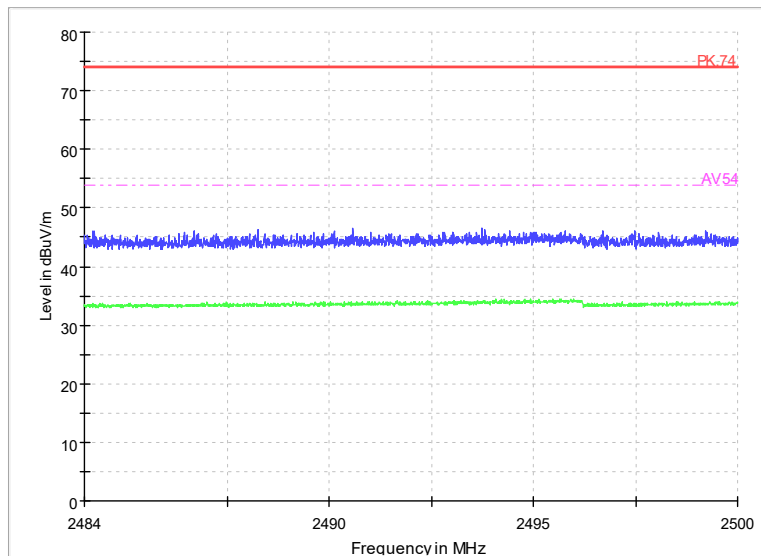


Radiated Emission Band Edge
Channel No.:1
Test Mode: 802.11ax(HE20)

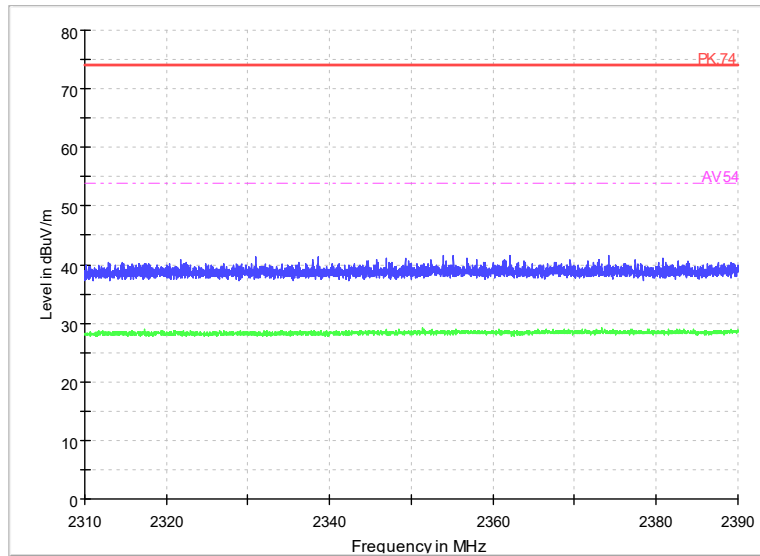
Polarization: H



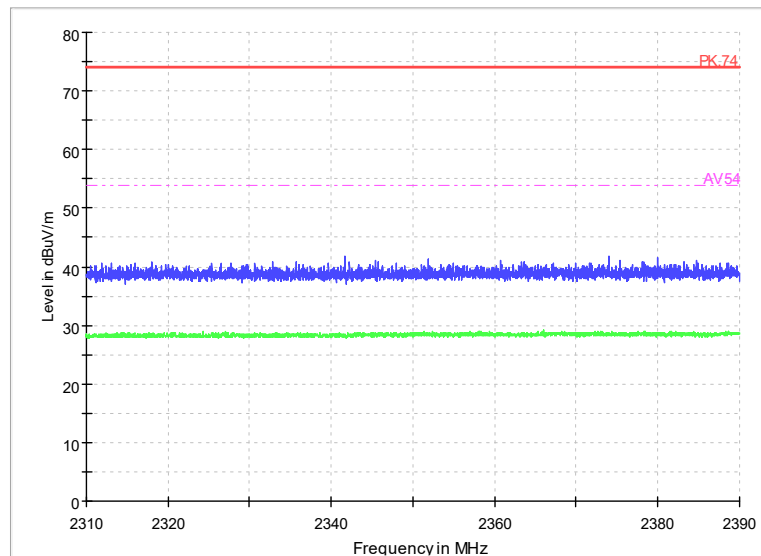
Radiated Emission Band Edge
Channel No.:11
Test Mode: 802.11ax(HE20)
Polarization: V



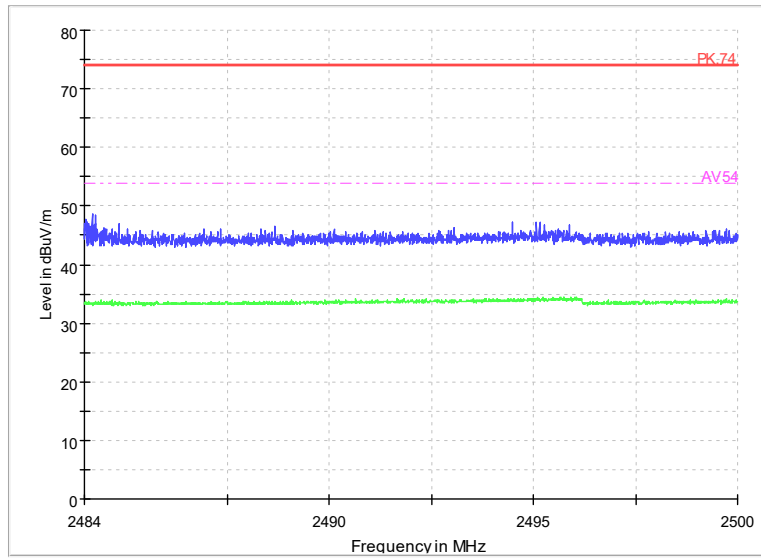
Radiated Emission Band Edge
Channel No.:11
Test Mode: 802.11ax(HE20)
Polarization: H



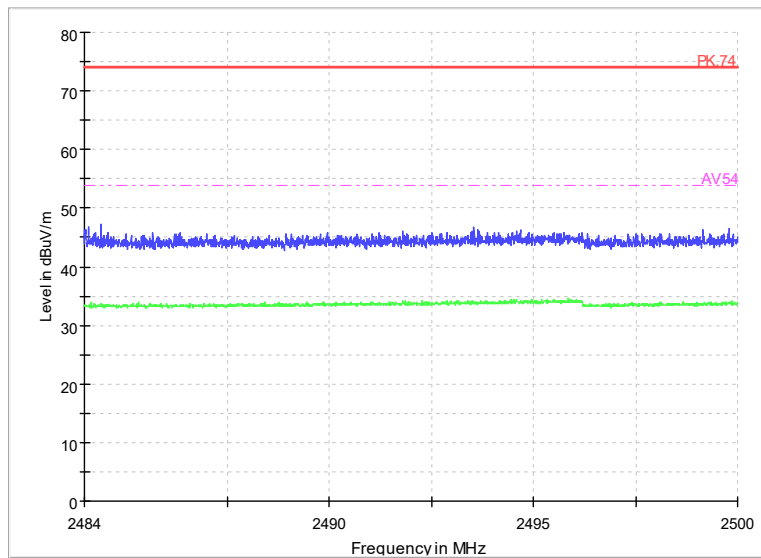
Radiated Emission Band Edge
Channel No.:3
Test Mode: 802.11ax(HE40)
Polarization: V



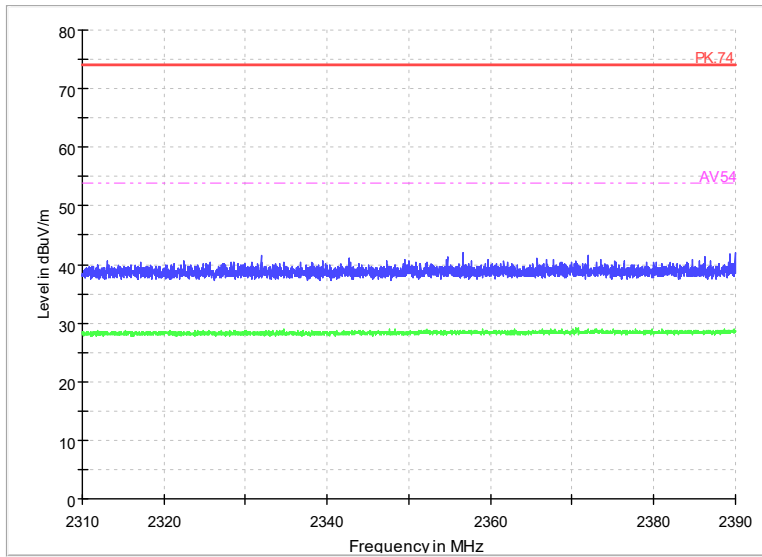
Radiated Emission Band Edge
Channel No.:3
Test Mode: 802.11ax(HE40)
Polarization: H



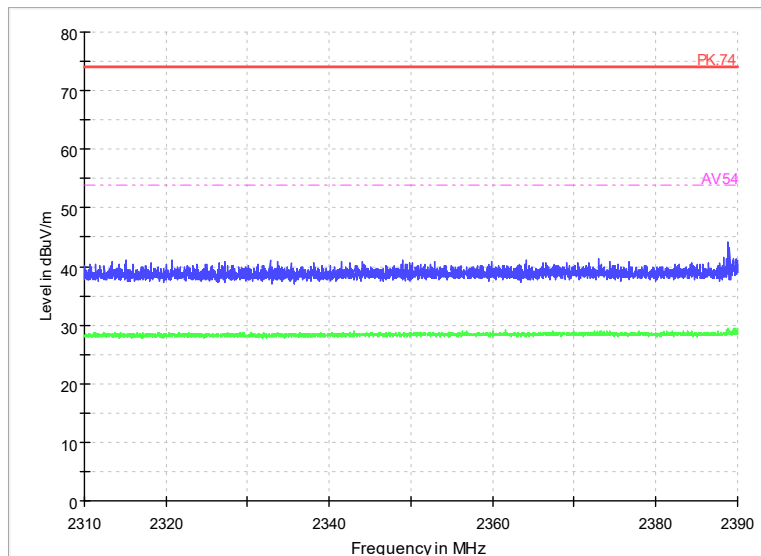
Radiated Emission Band Edge
Channel No.:9
Test Mode: 802.11ax(HE40)
Polarization: V



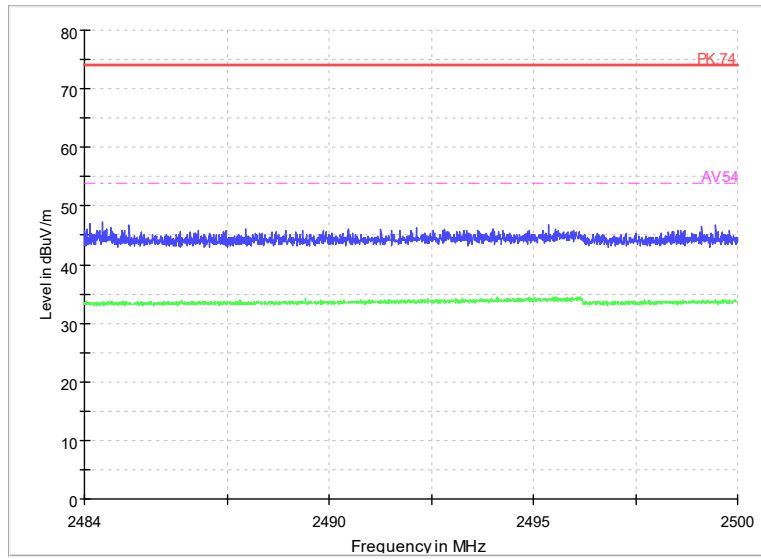
Radiated Emission Band Edge
Channel No.:9
Test Mode: 802.11ax(HE40)
Polarization: H



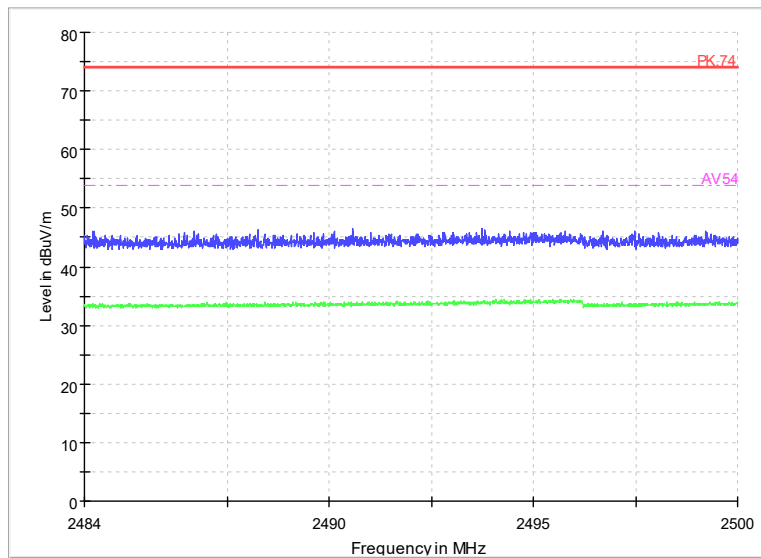
Radiated Emission Band Edge
Channel No.:1
Test Mode: 802.11ax(HE20)
Polarization: V



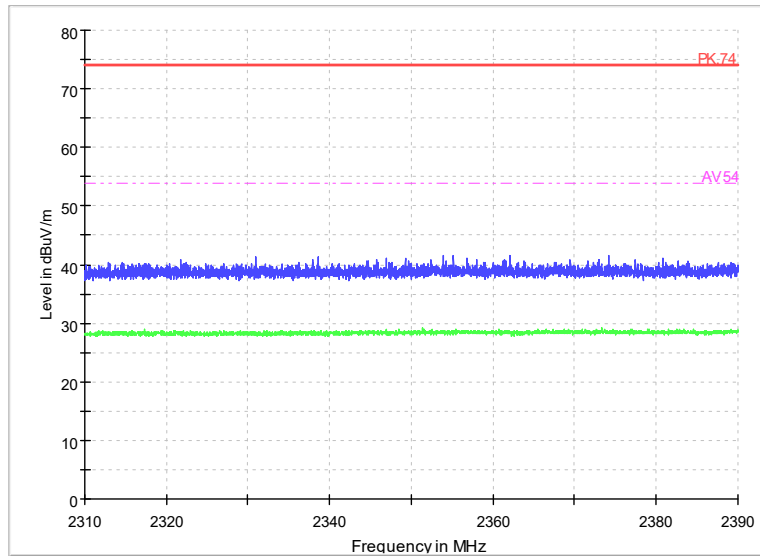
Radiated Emission Band Edge
Channel No.:1
Test Mode: 802.11ax(HE20)
Polarization: H



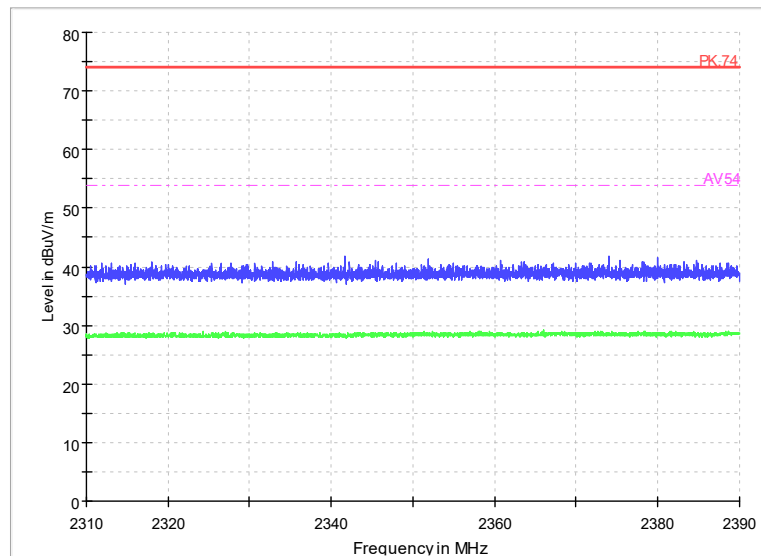
Radiated Emission Band Edge
Channel No.:11
Test Mode: 802.11ax(HE20)
Polarization: V



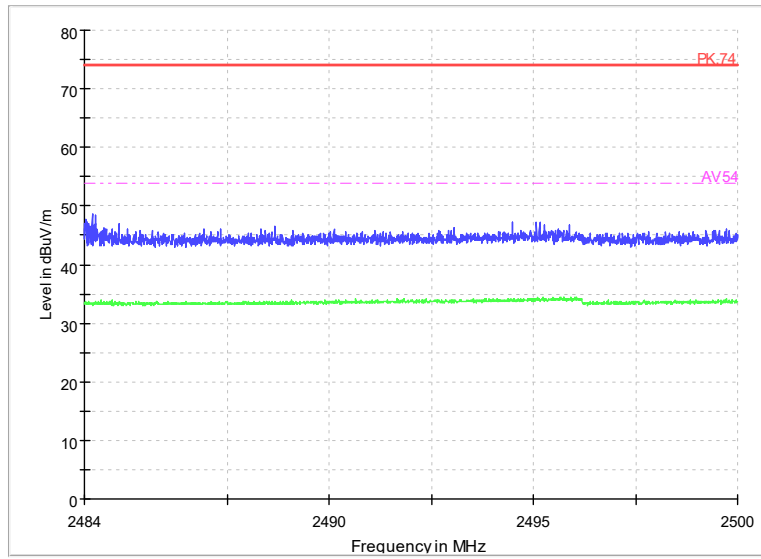
Radiated Emission Band Edge
Channel No.:11
Test Mode: 802.11ax(HE20)
Polarization: H



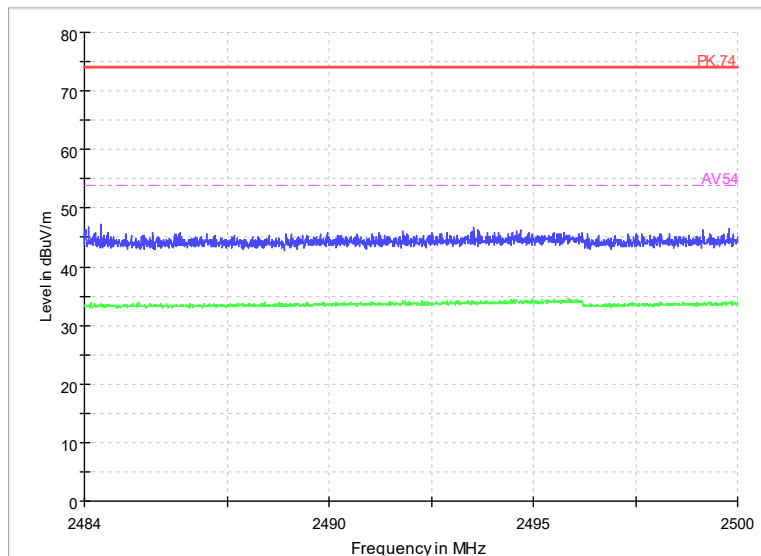
Radiated Emission Band Edge
Channel No.:3
Test Mode: 802.11ax(HE40)
Polarization: V



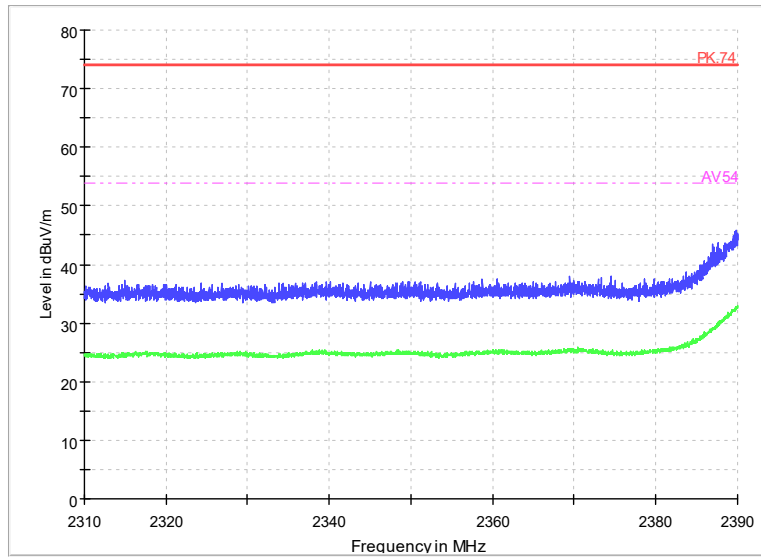
Radiated Emission Band Edge
Channel No.:3
Test Mode: 802.11ax(HE40)
Polarization: H



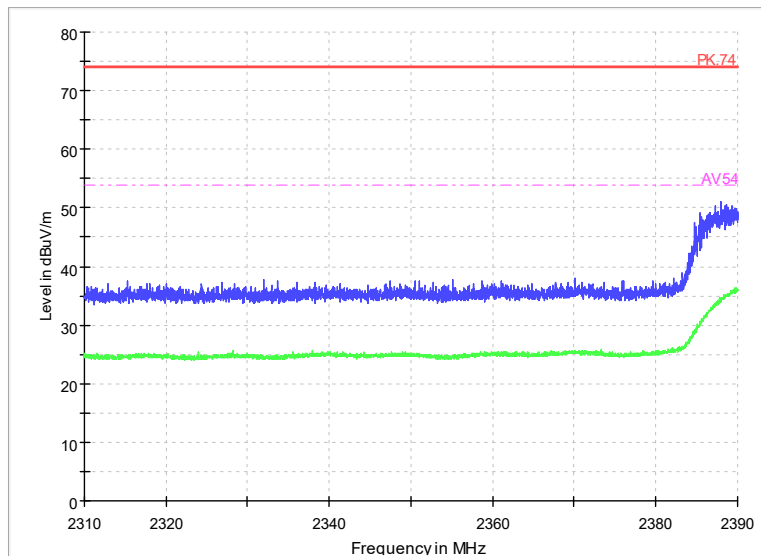
Radiated Emission Band Edge
Channel No.:9
Test Mode: 802.11ax(HE40)
Polarization: V



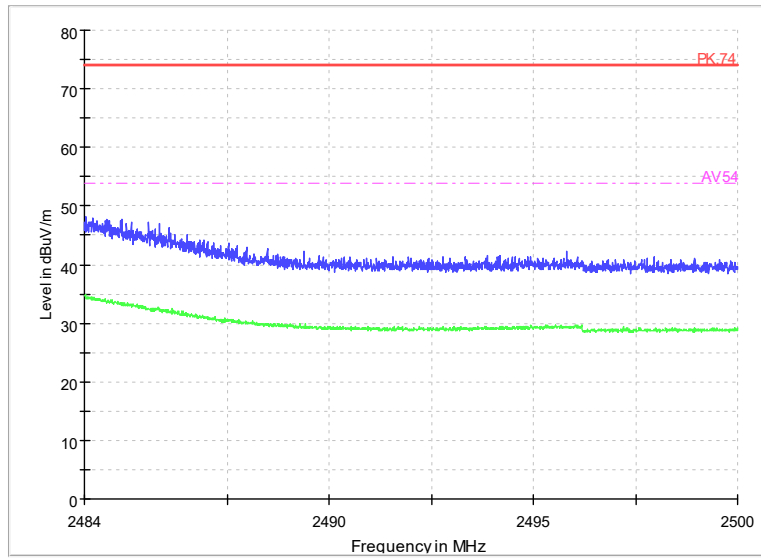
Radiated Emission Band Edge
Channel No.:9
Test Mode: 802.11ax(HE40)
Polarization: H



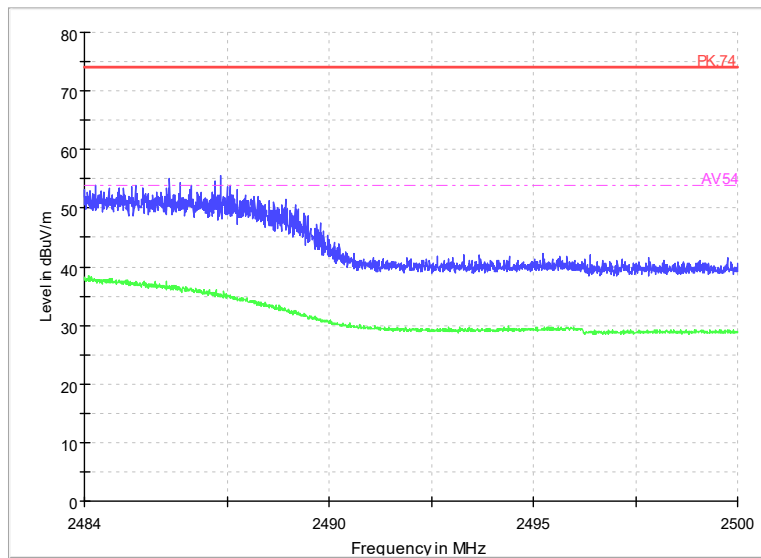
Radiated Emission Band Edge
Channel No.:1
Test Mode: 802.11be(EHT20)
Polarization: V



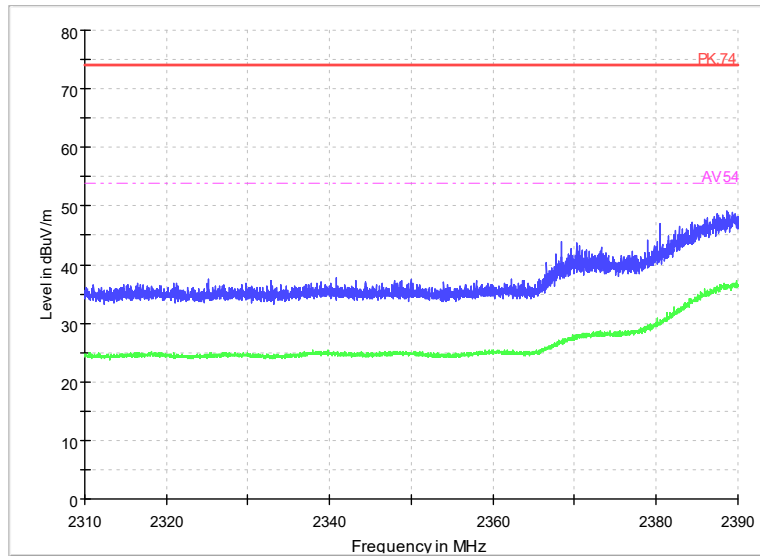
Radiated Emission Band Edge
Channel No.:1
Test Mode: 802.11be(EHT20)
Polarization: H



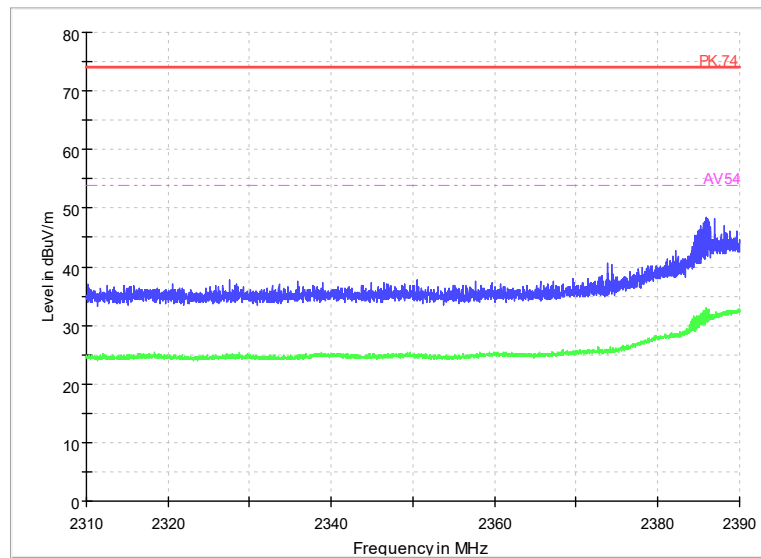
Radiated Emission Band Edge
Channel No.:11
Test Mode: 802.11be(EHT20)
Polarization: V



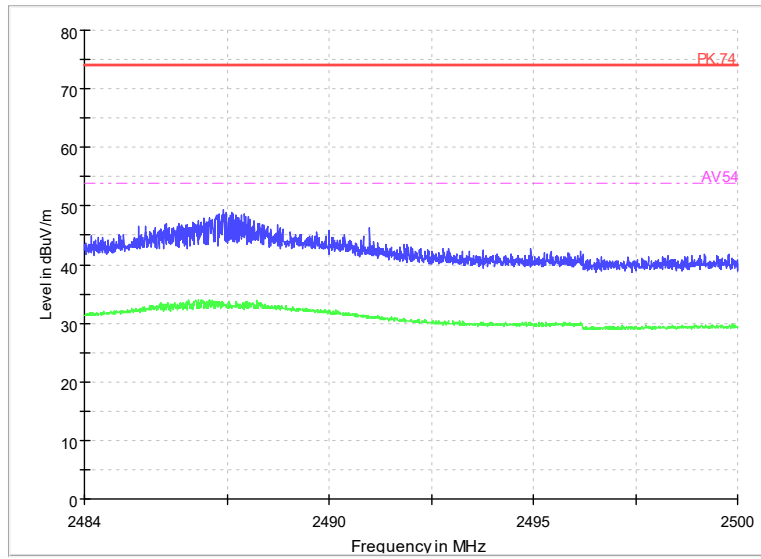
Radiated Emission Band Edge
Channel No.:11
Test Mode: 802.11be(EHT20)
Polarization: H



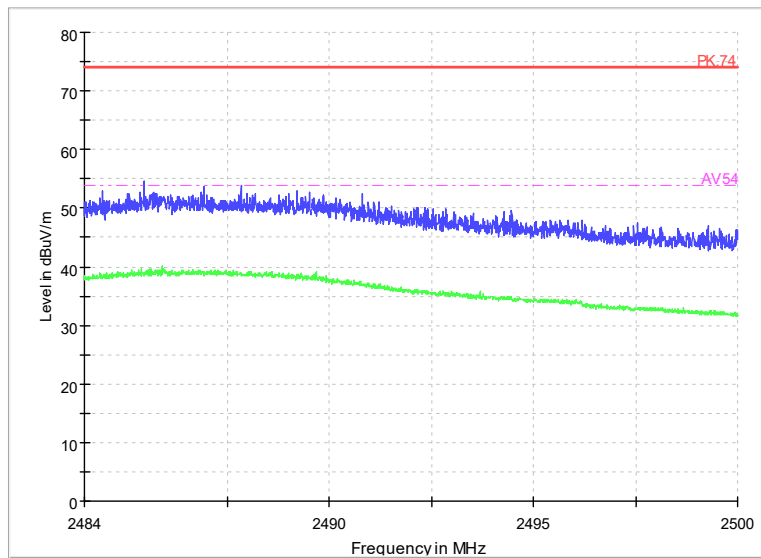
Radiated Emission Band Edge
Channel No.:3
Test Mode: 802.11be(EHT40)
Polarization: V



Radiated Emission Band Edge
Channel No.:3
Test Mode: 802.11be(EHT40)
Polarization: H



Radiated Emission Band Edge
Channel No.:9
Test Mode: 802.11be(EHT40)
Polarization: V



Radiated Emission Band Edge
Channel No.:9
Test Mode: 802.11be(EHT40)
Polarization: H



Radiated Emission for Partial RU

Sample Calculations

After comparison, the worst case attitude is EUT lay down.

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:

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

Sample calculation: $10.6 \text{ dB}\mu\text{V/m} = (23.5 \text{ dB}\mu\text{V}) + (-12.9 \text{ dB/m})$, the corresponding frequency is 30.776 MHz.

Partial RU (Tone26)

For 802.11ax(HE20) Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.776	10.6	-12.9	23.5	Vertical	40	29.4
81.022	16.68	-23.7	40.38	Vertical	40	23.32
113.4685	18.07	-21.5	39.57	Vertical	43.5	25.43
210.8565	7.89	-22.1	29.99	Vertical	43.5	35.61
517.425	10.8	-11.8	22.6	Vertical	46	35.2
924.922	16.75	-4.4	21.15	Vertical	46	29.25

For 802.11ax(HE20) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.873	10.44	-13	23.44	Vertical	40	29.56
80.5855	12.59	-23.8	36.39	Vertical	40	27.41
111.4315	18.09	-21.6	39.69	Vertical	43.5	25.41
213.621	7.39	-22	29.39	Vertical	43.5	36.11
510.344	10.6	-11.9	22.5	Vertical	46	35.4
954.1675	17.05	-4	21.05	Vertical	46	28.95

For 802.11ax(HE20) Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
33.201	10.08	-14.2	24.28	Vertical	40	29.92
82.089	12.85	-23.6	36.45	Vertical	40	27.15
112.4985	16.78	-21.6	38.38	Vertical	43.5	26.72
230.3535	10.55	-21.1	31.65	Vertical	46	35.45
531.5385	11.06	-11.5	22.56	Vertical	46	34.94
954.0705	17.13	-4	21.13	Vertical	46	28.87

For 802.11ax(HE40) Channel No.:3

Frequency(MHz)	Result(dBuV/m)	ARpl	Pmea	Polarity	Limit	Margin
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		(dB)	(dBuV/m)		(dBuV/m)	(dB)
30.388	11.55	-12.7	24.25	Vertical	40	28.45
81.0705	16.54	-23.7	40.24	Vertical	40	23.46
111.286	16.85	-21.6	38.45	Vertical	43.5	26.65
215.367	8.43	-21.9	30.33	Vertical	43.5	35.07
544.0515	11.11	-11.3	22.41	Vertical	46	34.89
859.059	15.57	-5.3	20.87	Vertical	46	30.43

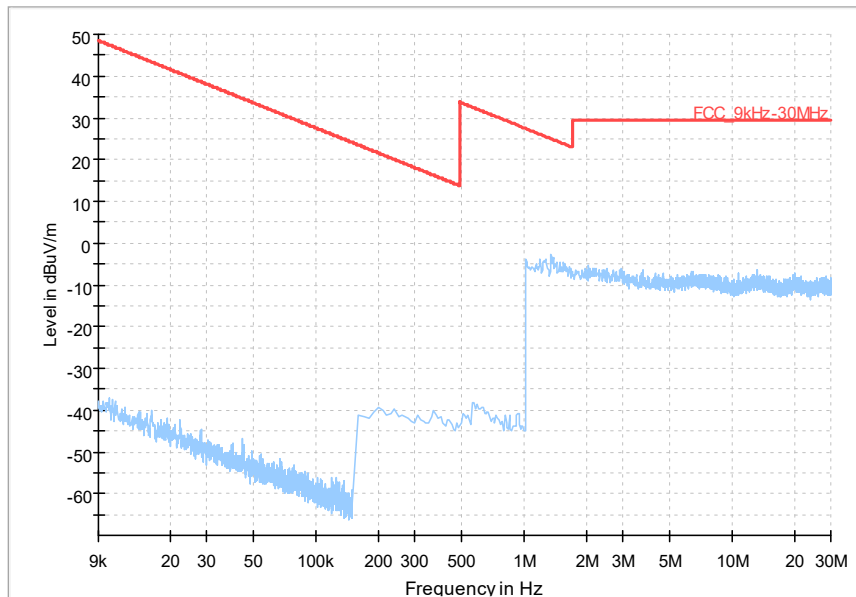
For 802.11ax(HE40) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.194	11.9	-12.6	24.5	Vertical	40	28.1
80.537	12.58	-23.8	36.38	Vertical	40	27.42
112.1105	16.85	-21.6	38.45	Vertical	43.5	26.65
231.275	10.87	-21.1	31.97	Vertical	46	35.13
522.7115	10.9	-11.7	22.6	Vertical	46	35.1
924.8735	16.76	-4.4	21.16	Vertical	46	29.24

For 802.11ax(HE40) Channel No.:9

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
34.753	10.57	-14.9	25.47	Vertical	40	29.43
80.9735	14.93	-23.7	38.63	Vertical	40	25.07
111.383	17.65	-21.6	39.25	Vertical	43.5	25.85
230.499	10.6	-21.1	31.7	Vertical	46	35.4
547.9315	11.06	-11.2	22.26	Vertical	46	34.94
935.689	16.97	-4.2	21.17	Vertical	46	29.03

Full Spectrum



Frequency Range: 9kHz -30MHz

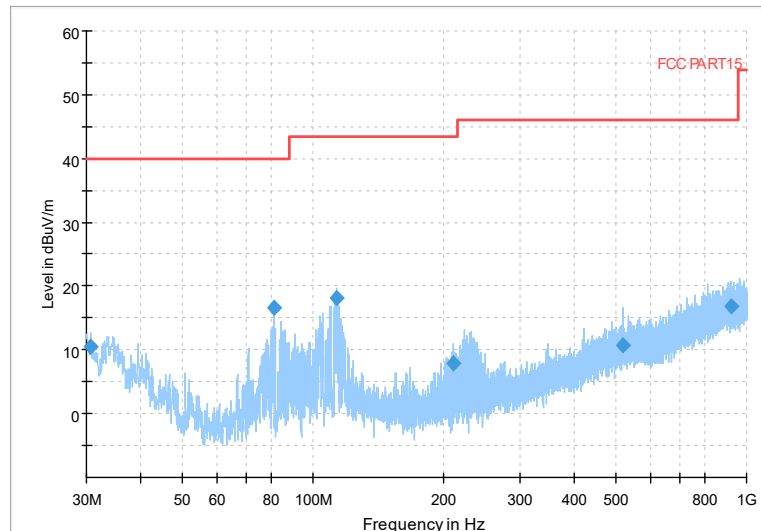
Detector: QP mode

Note: The relevant tests have been performed in order to verify in which mode would have the worst features, the result show above is the worst case.

Carrier frequency (MHz): 2412

Channel No.:1

Full Spectrum

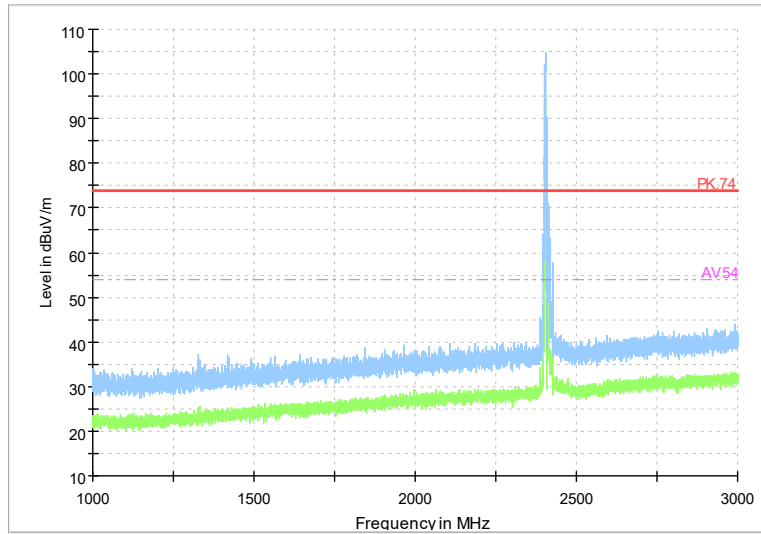


Frequency Range: 30MHz -1GHz

Detector: QP mode

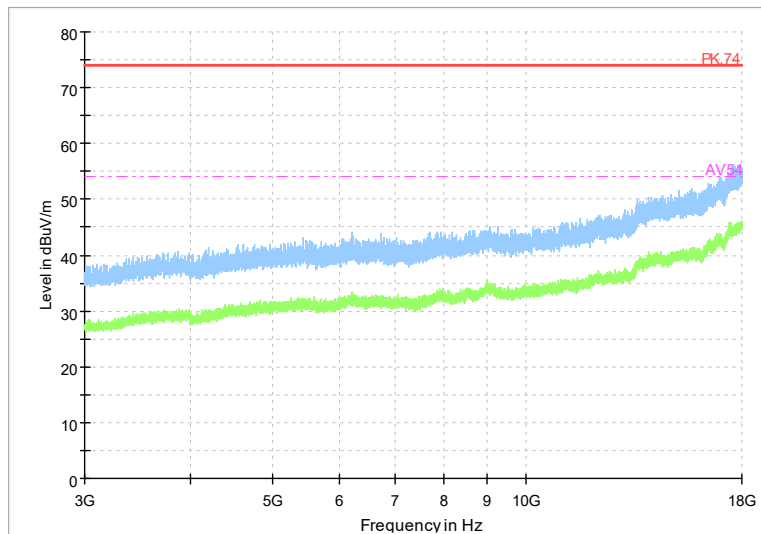
Modulation type: 802.11 ax(HE20)

Full Spectrum



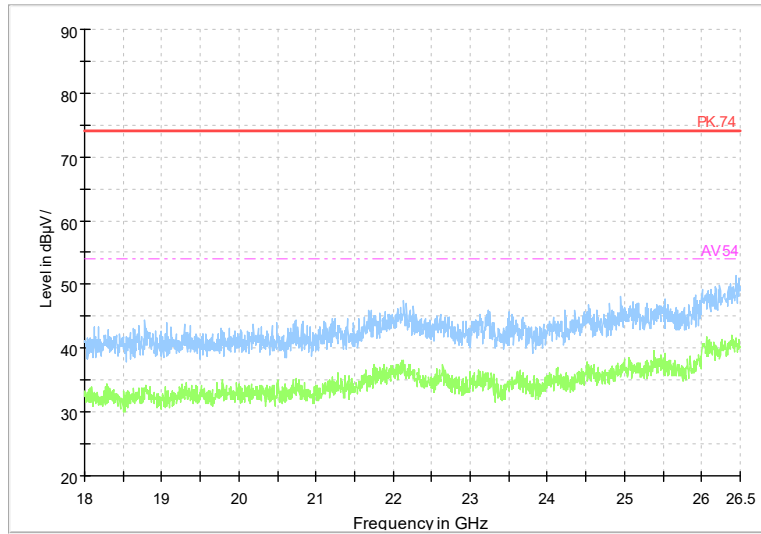
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)

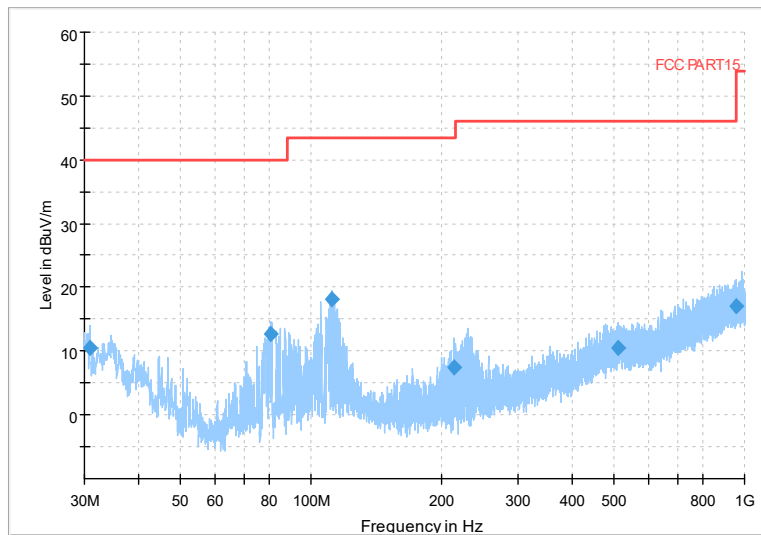
Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)

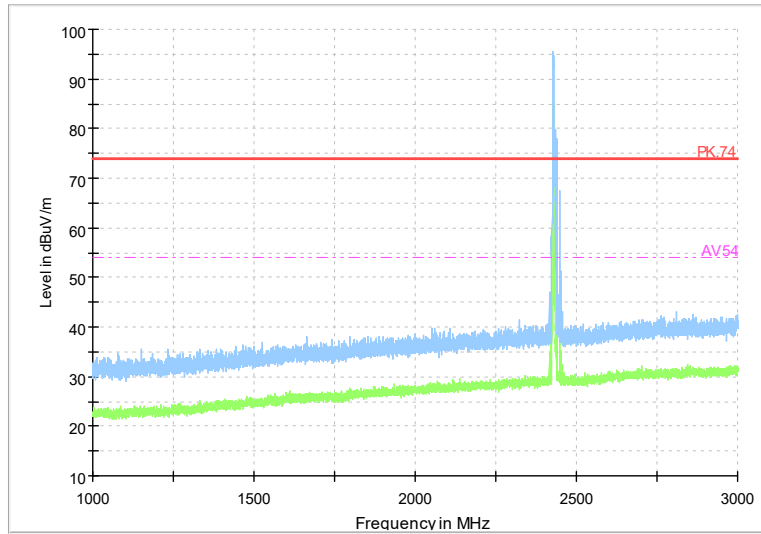
Carrier frequency (MHz): 2437
Channel No.:6

Full Spectrum



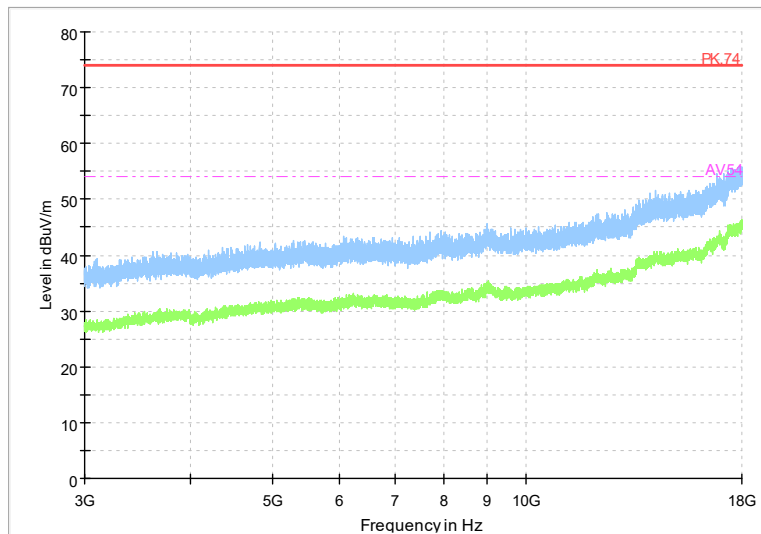
Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 ax(HE20)

Full Spectrum



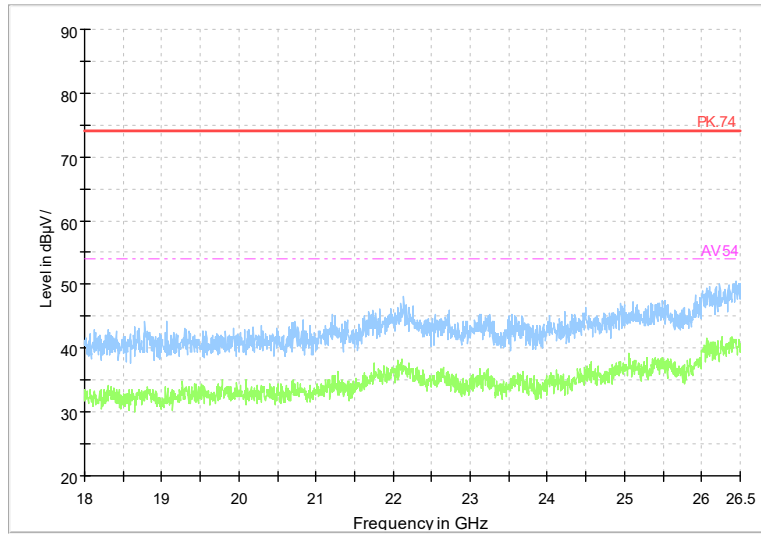
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)

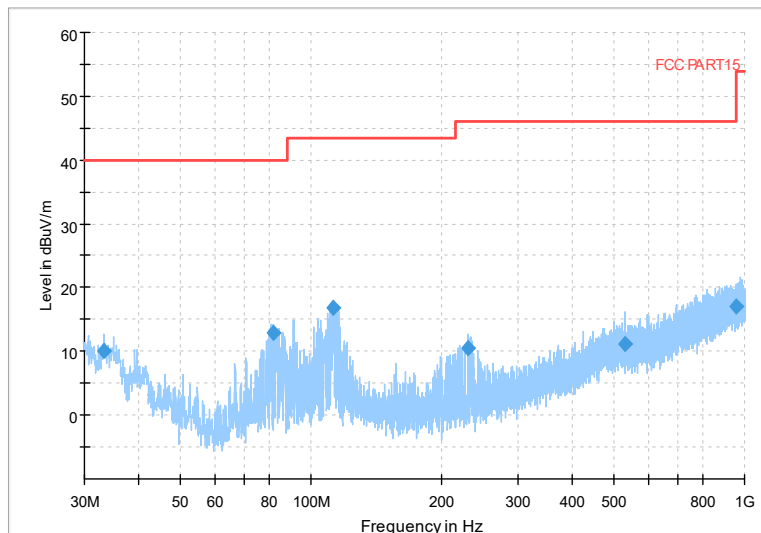
Full Spectrum



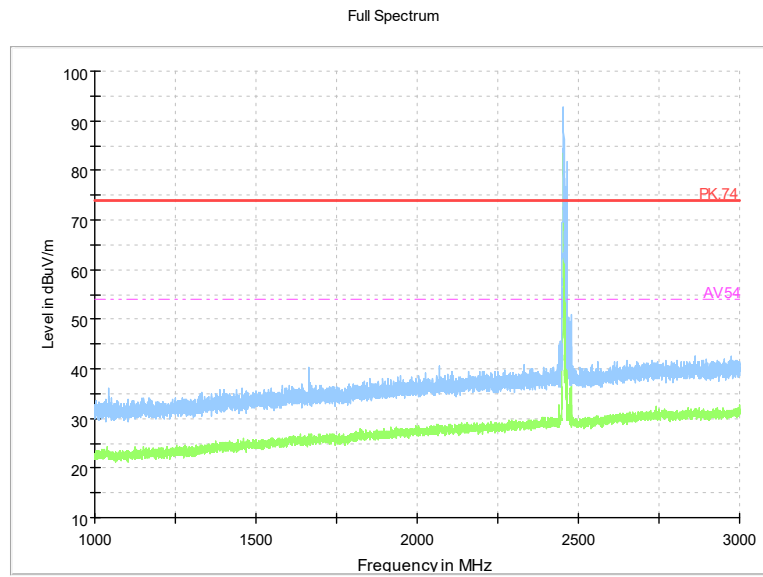
Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)

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

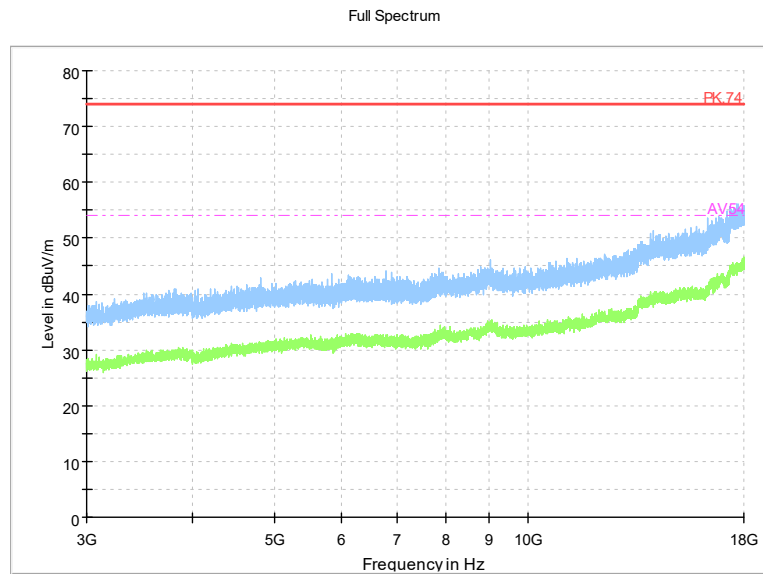
Full Spectrum



Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 ax(HE20)

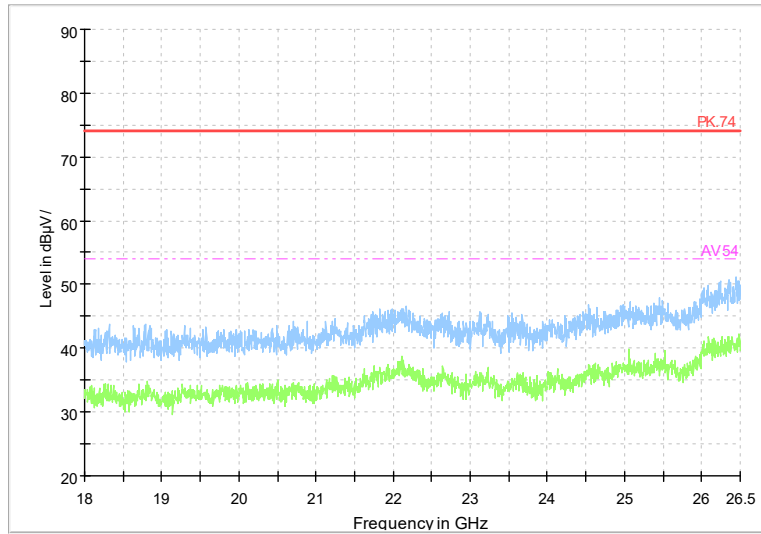


Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)

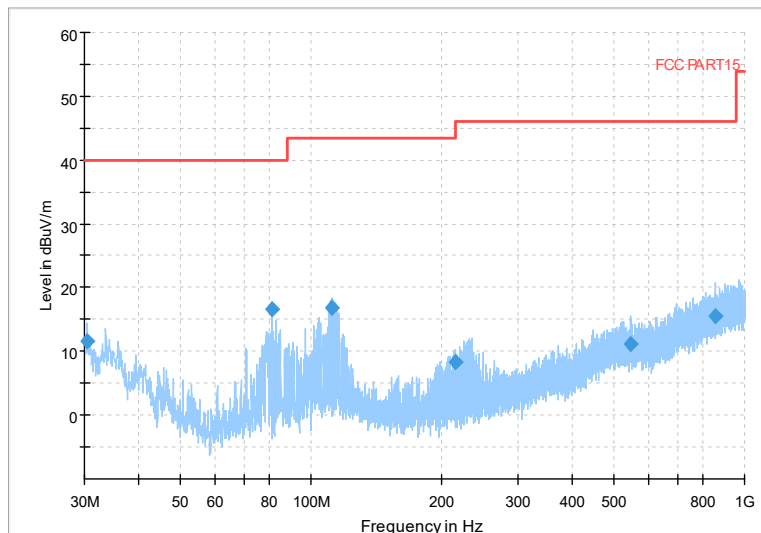
Full Spectrum



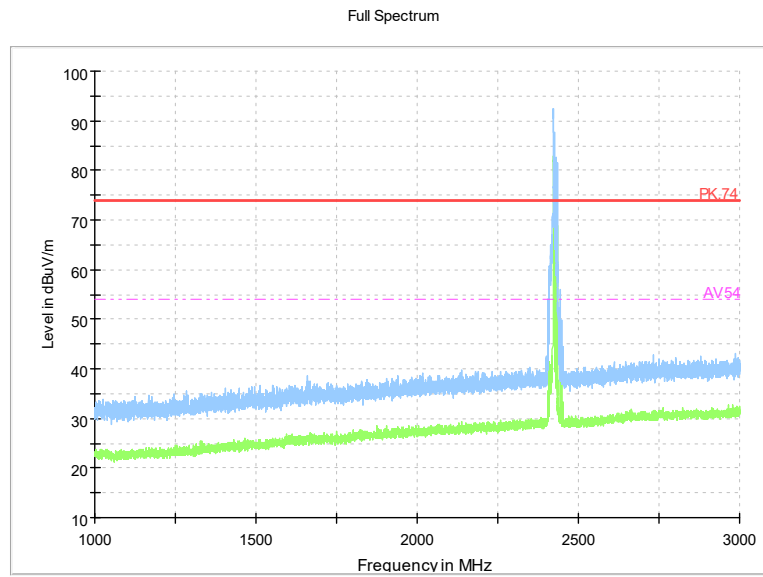
Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE20)

Carrier frequency (MHz): 2422
Channel No.:3

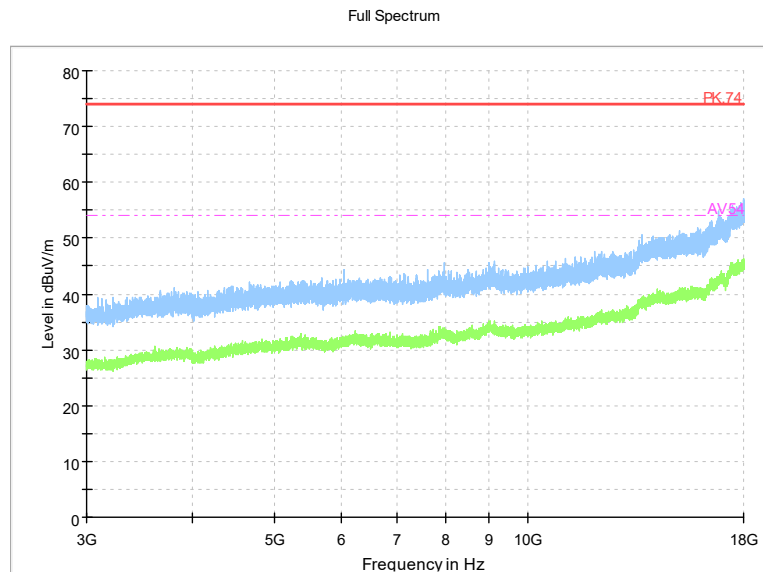
Full Spectrum



Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 ax(HE40)

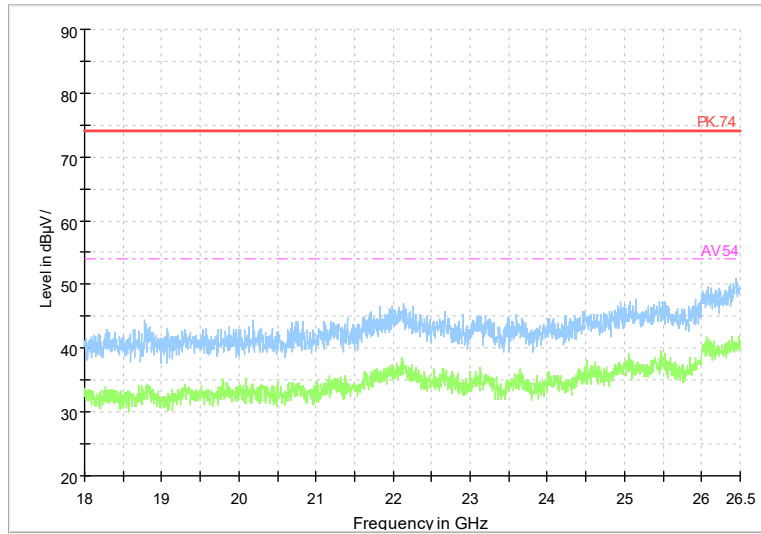


Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

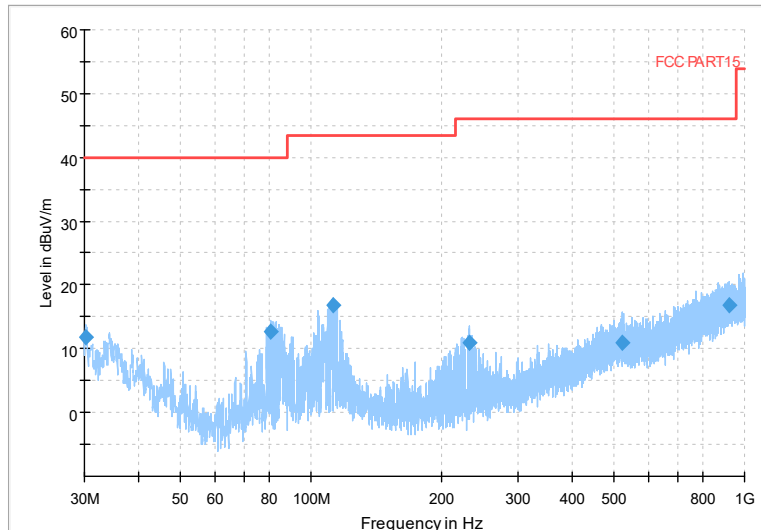
Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

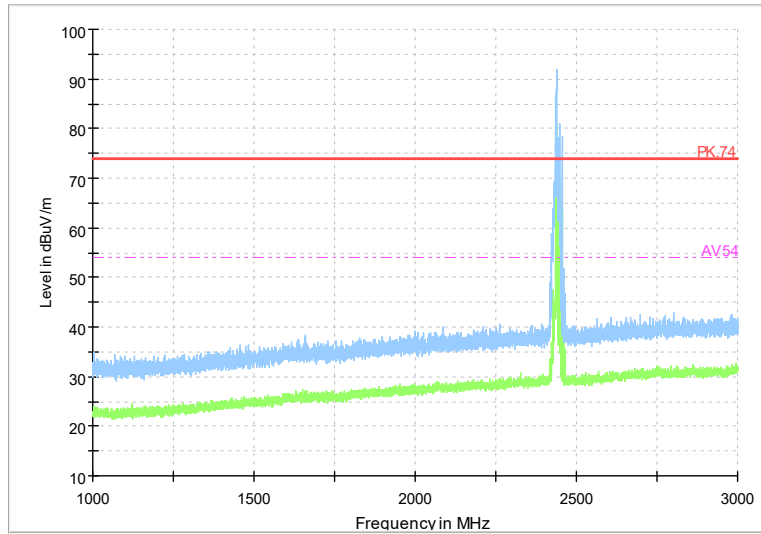
Carrier frequency (MHz): 2437
Channel No.:6

Full Spectrum



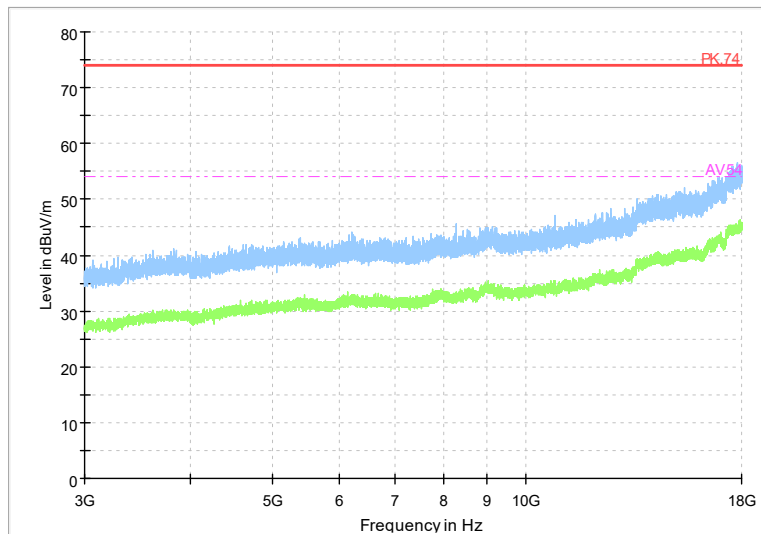
Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 ax(HE40)

Full Spectrum



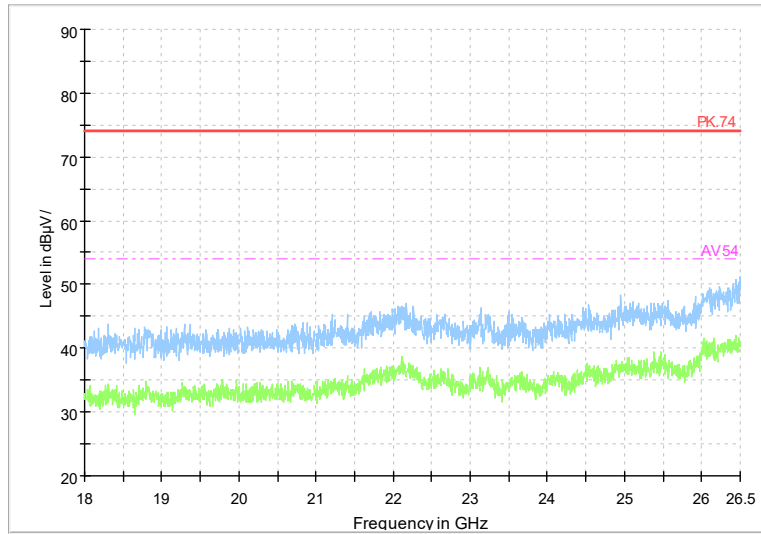
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

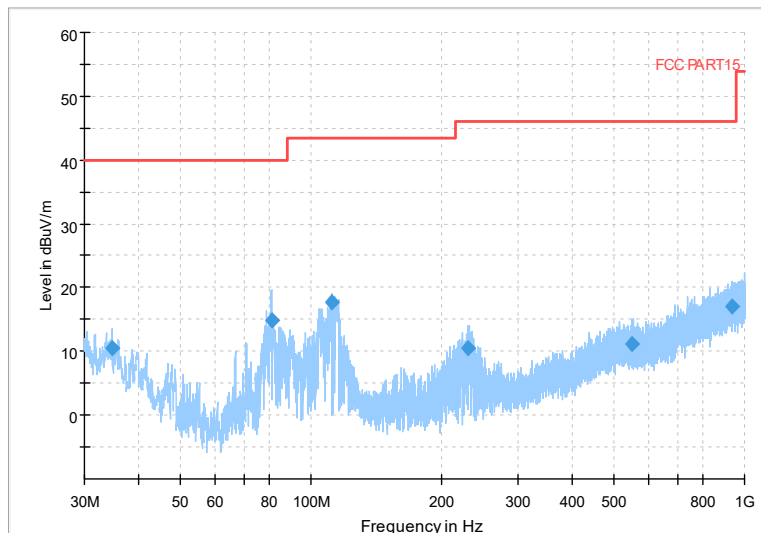
Full Spectrum



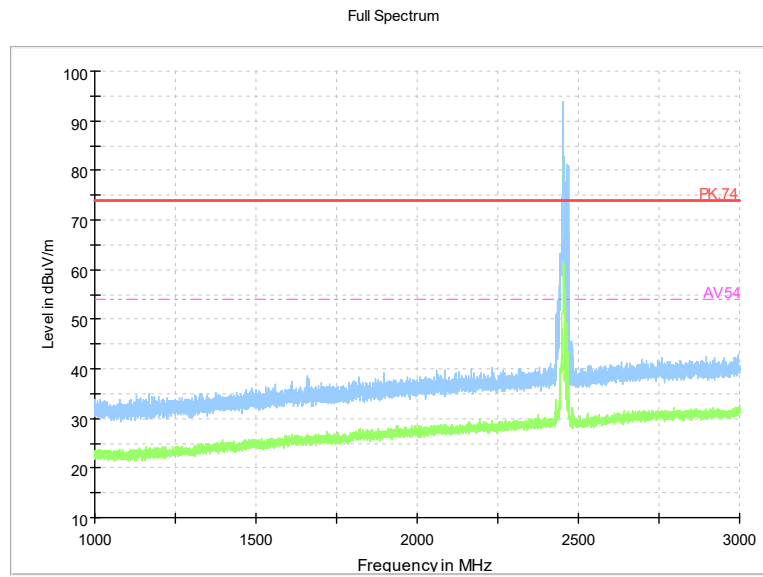
Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)

Carrier frequency (MHz): 2452
Channel No.:9

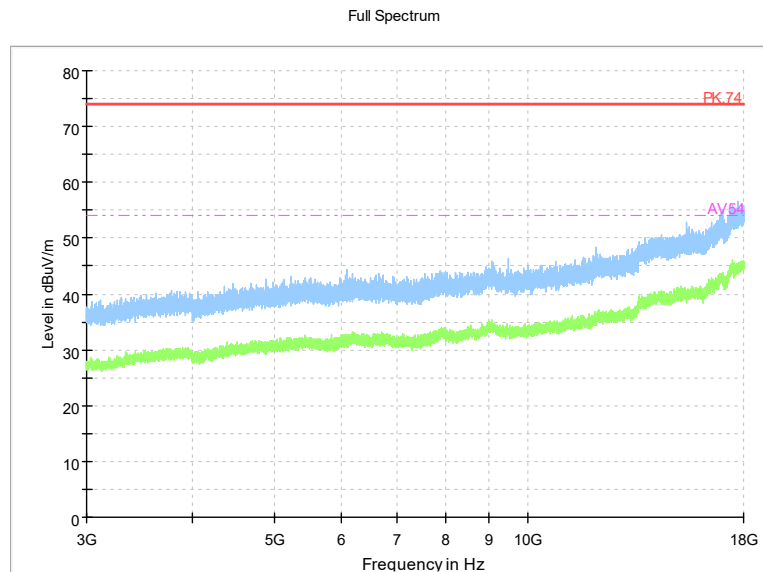
Full Spectrum



Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 ax(HE40)



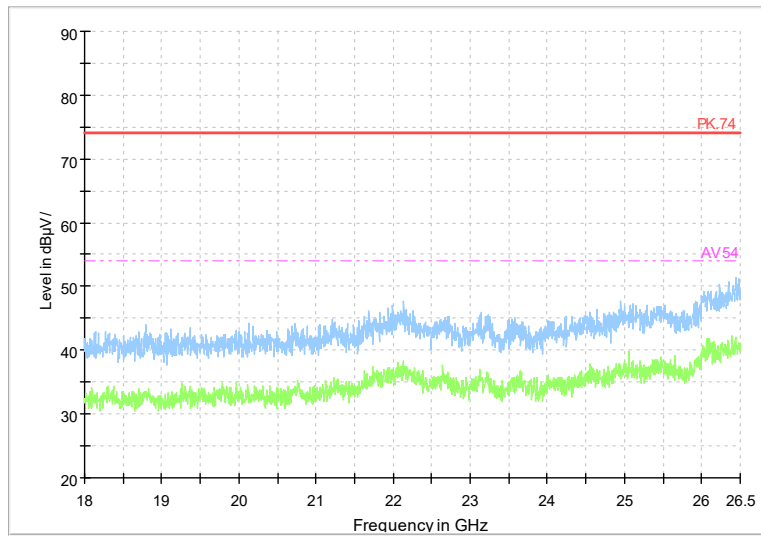
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 ax(HE40)



Sample calculation: $24.33\text{dB}\mu\text{V/m} = (6.43\text{dB}\mu\text{V}) + (17.9\text{dB/m})$, the corresponding frequency is 30MHz.

For 802.11be(EHT20) Channel No.:1

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30	24.33	17.9	6.43	Vertical	40	15.67
83.0105	18.84	8.3	10.54	Vertical	40	21.16
117.1545	27.54	11.8	15.74	Vertical	43.5	15.96
209.062	27.01	10.8	16.21	Vertical	43.5	16.49
438.8065	26.07	18.3	7.77	Vertical	46	19.93
721.901	24.76	21.3	3.46	Vertical	46	21.24

For 802.11be(EHT20) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
33.395	23.07	17	6.07	Vertical	40	16.93
83.6895	18.83	8.4	10.43	Vertical	40	21.17
111.4315	27.23	11.4	15.83	Vertical	43.5	16.27
209.9835	26.76	10.8	15.96	Vertical	43.5	16.74
441.3285	26.15	18.4	7.75	Vertical	46	19.85
939.5205	29.27	24.4	4.87	Vertical	46	16.73

For 802.11be(EHT20) Channel No.:11

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.6305	23.93	17.8	6.13	Vertical	40	16.07
83.1075	19.72	8.3	11.42	Vertical	40	20.28
117.4455	27.82	11.9	15.92	Vertical	43.5	15.68
214.785	26.13	11.8	14.33	Vertical	43.5	17.37
445.0145	22.3	18.5	3.8	Vertical	46	23.7
954.701	29.07	24.5	4.57	Vertical	46	16.93

For 802.11be(EHT40) Channel No.:3

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.5335	24.09	17.8	6.29	Vertical	40	15.91
83.156	19.13	8.4	10.73	Vertical	40	20.87
117.8335	27.88	12	15.88	Vertical	43.5	15.62
213.524	26.02	11.5	14.52	Vertical	43.5	17.48
438.273	26.01	18.2	7.81	Vertical	46	19.99
935.5435	29.16	24.4	4.76	Vertical	46	16.84

For 802.11be(EHT40) Channel No.:6

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
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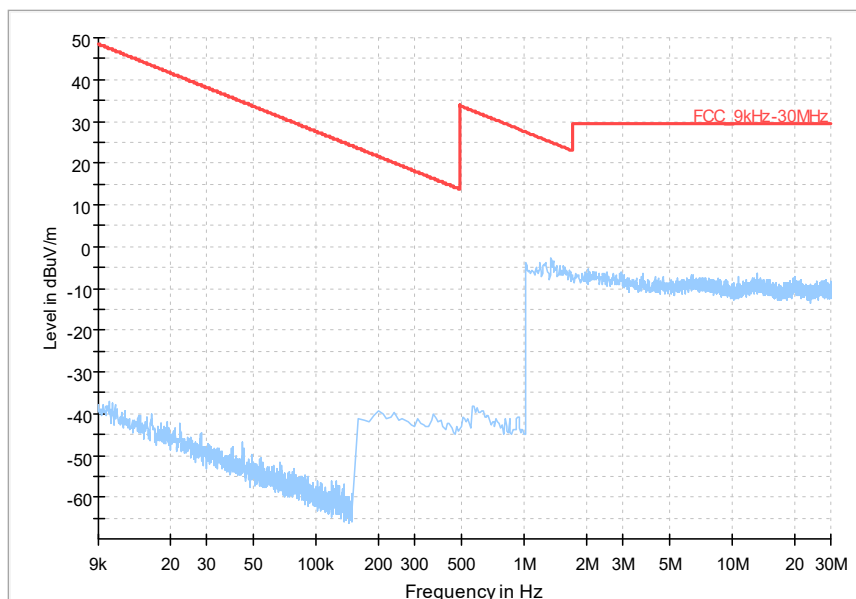


31.649	23.62	17.5	6.12	Vertical	40	16.38
83.1075	19.78	8.3	11.48	Vertical	40	20.22
117.6395	27.53	12	15.53	Vertical	43.5	15.97
209.4985	27.17	10.8	16.37	Vertical	43.5	16.33
432.162	25.61	17.7	7.91	Vertical	46	20.39
928.414	28.93	24.1	4.83	Vertical	46	17.07

For 802.11be(EHT40) Channel No.:9

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
31.552	23.67	17.6	6.07	Vertical	40	16.33
83.2045	18.74	8.4	10.34	Vertical	40	21.26
115.651	26.18	11.5	14.68	Vertical	43.5	17.32
208.771	26.89	10.8	16.09	Vertical	43.5	16.61
440.7465	26.17	18.4	7.77	Vertical	46	19.83
939.666	29.22	24.4	4.82	Vertical	46	16.78

Full Spectrum

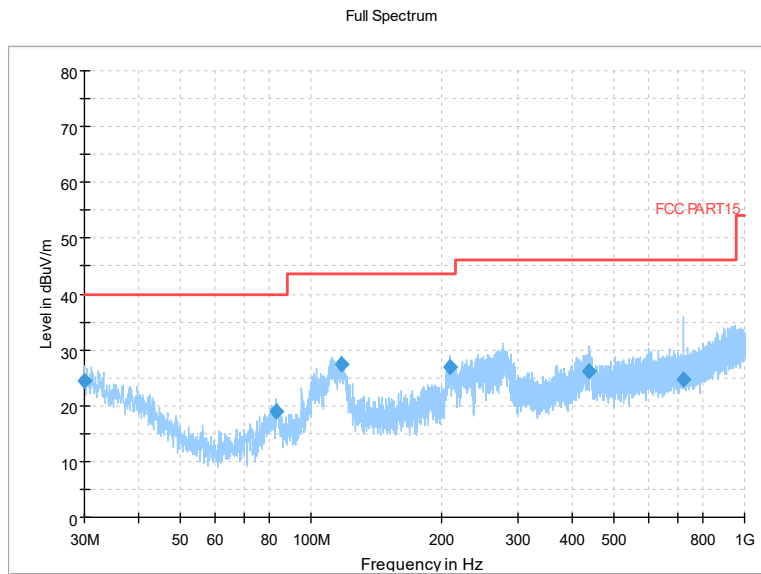


Frequency Range: 9kHz -30MHz

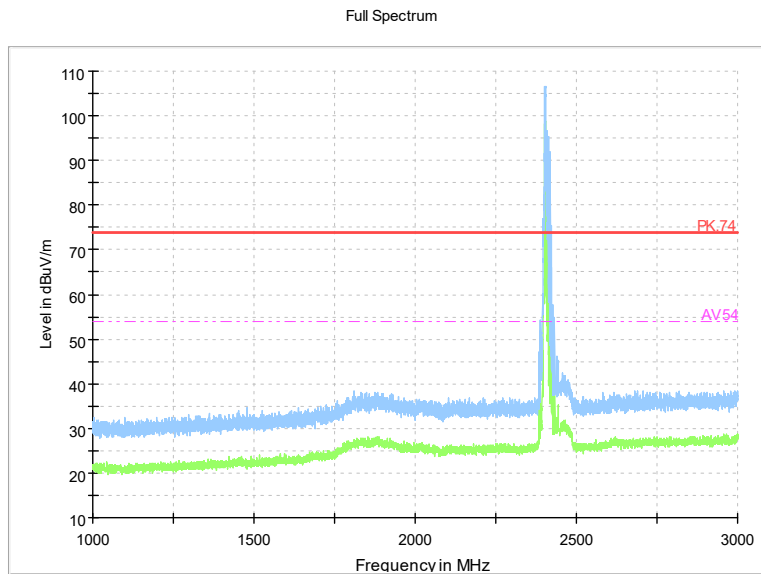
Detector: QP mode

Note: The relevant tests have been performed in order to verify in which mode would have the worst features, the result show above is the worst case.

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

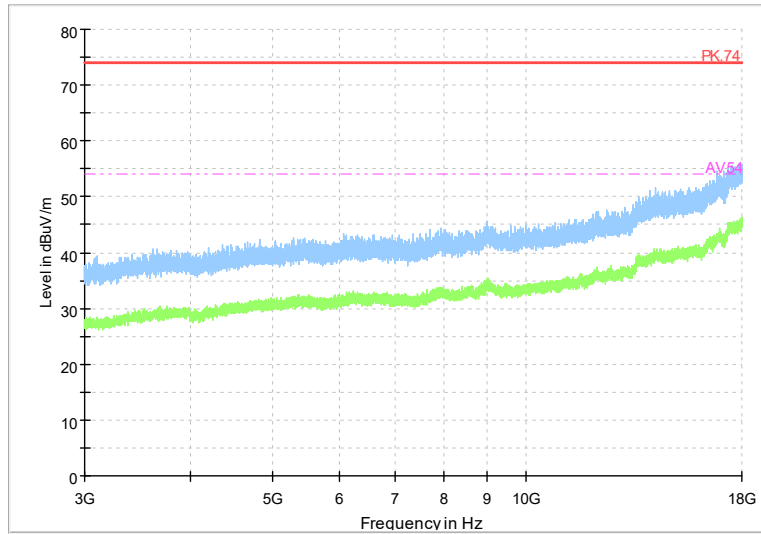


Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11 be(EHT20)



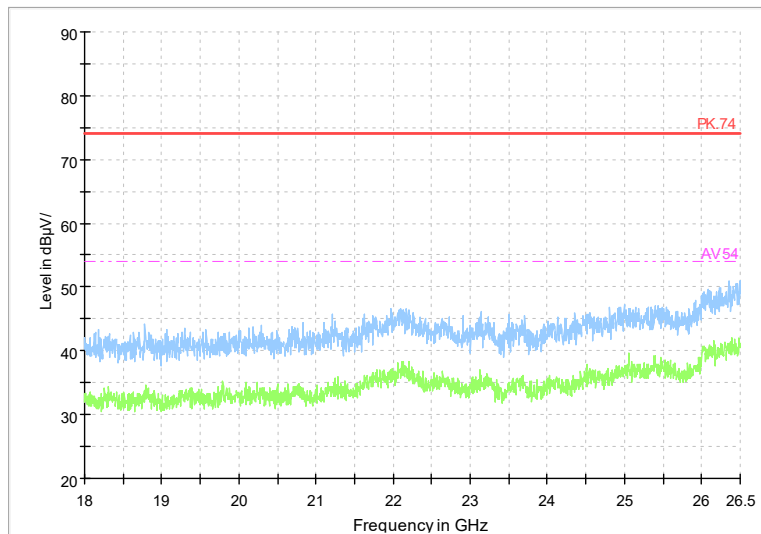
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

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

The State Radio_monitoring_centerTesting Center (SRTC)

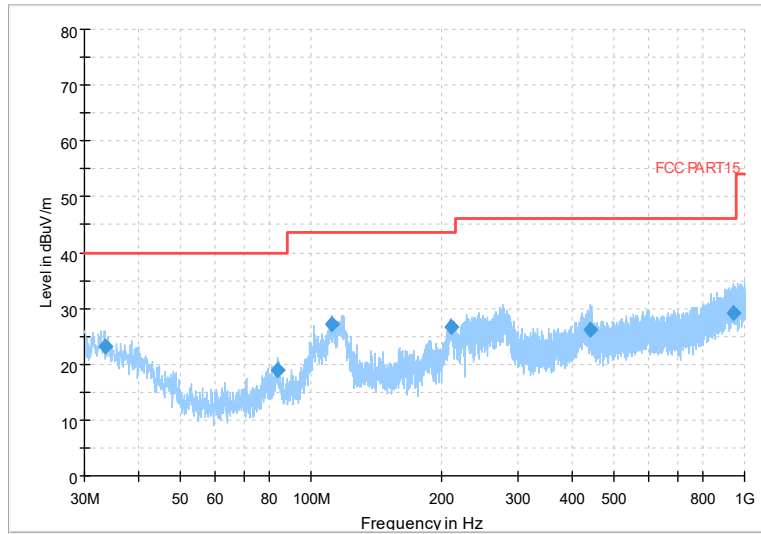
Tel: 86-10-57996183

Fax:86-10-57996388

Page number: 202 of 213

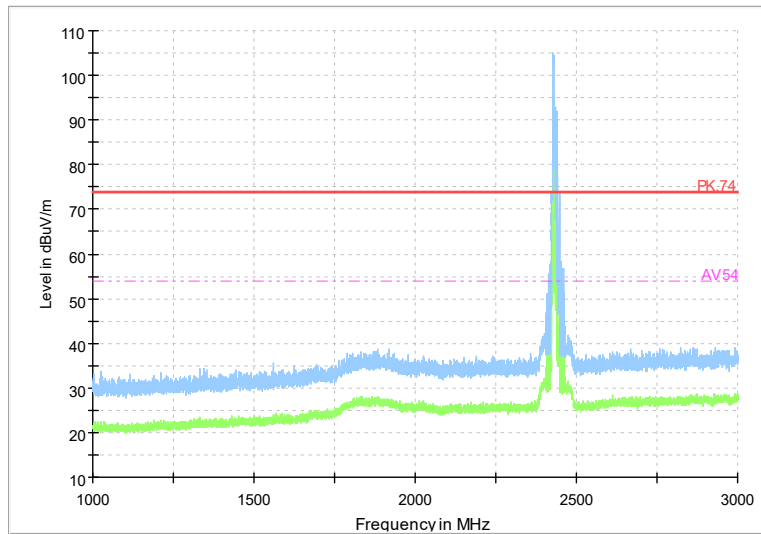
V3.0.0

Full Spectrum



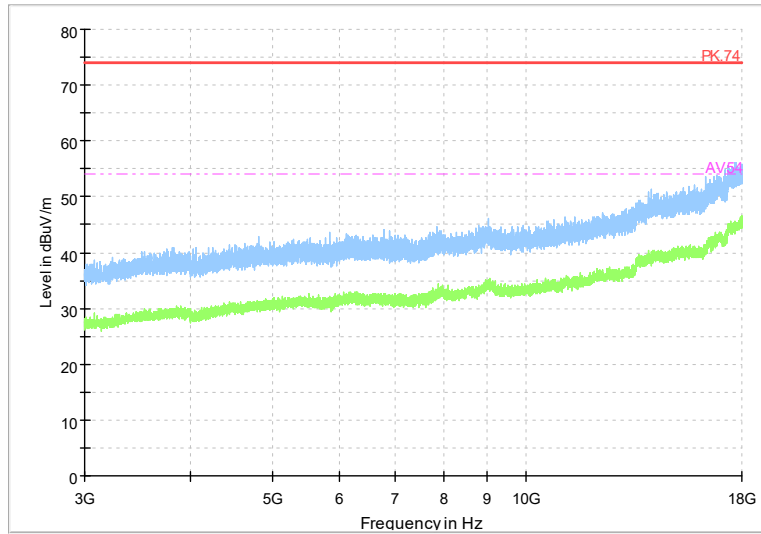
Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



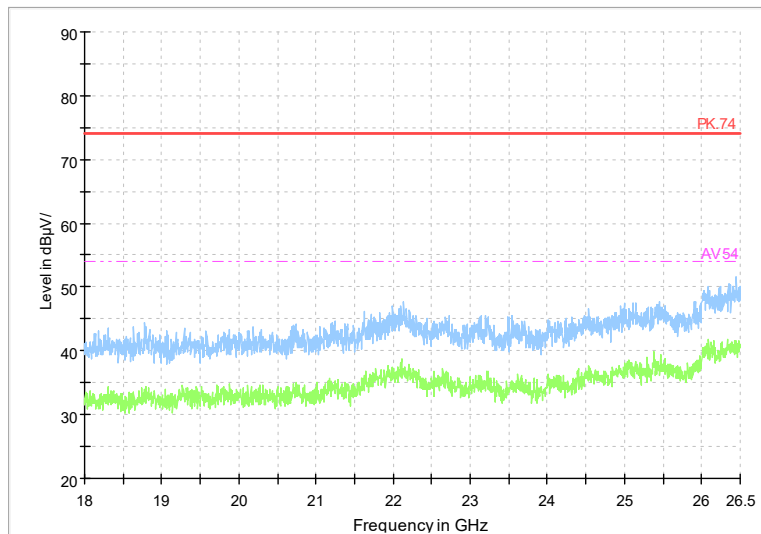
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

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

The State Radio_monitoring_centerTesting Center (SRTC)

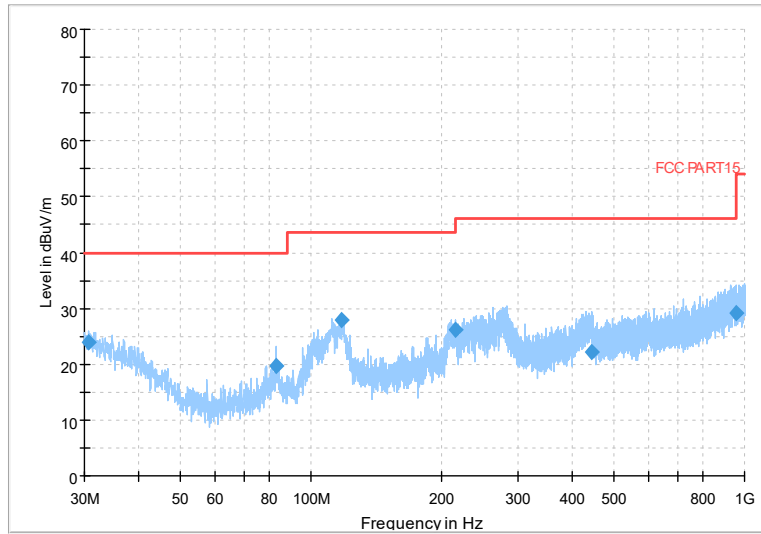
Tel: 86-10-57996183

Fax:86-10-57996388

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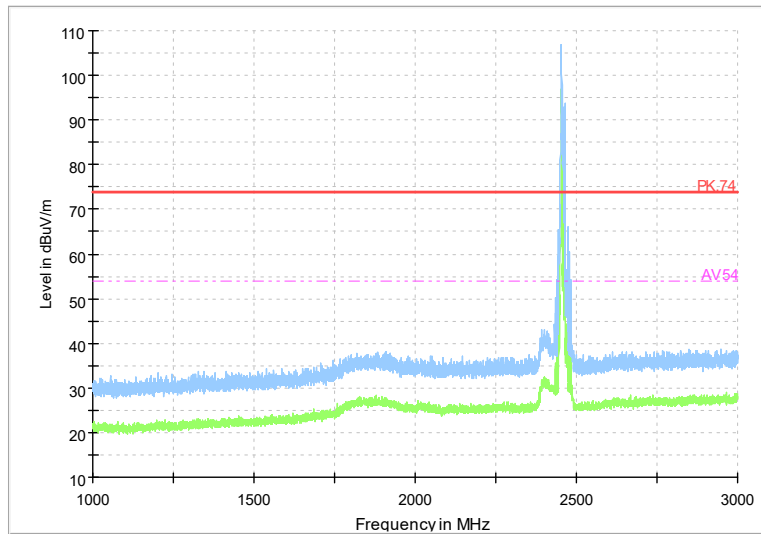
V3.0.0

Full Spectrum



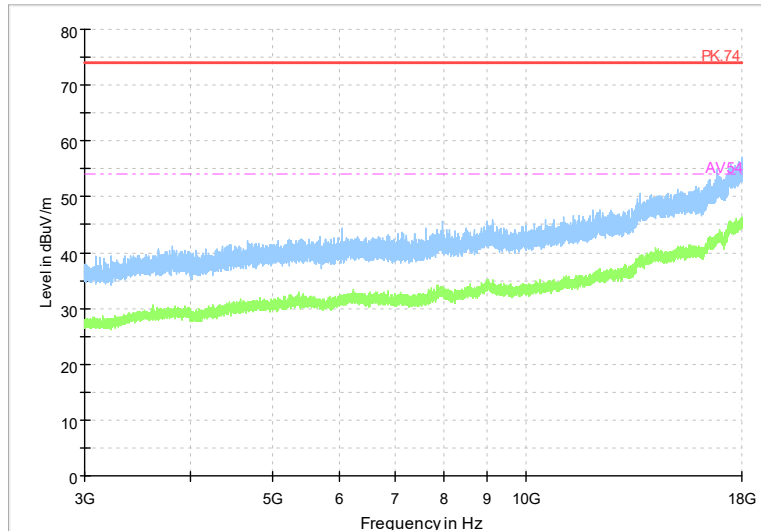
Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



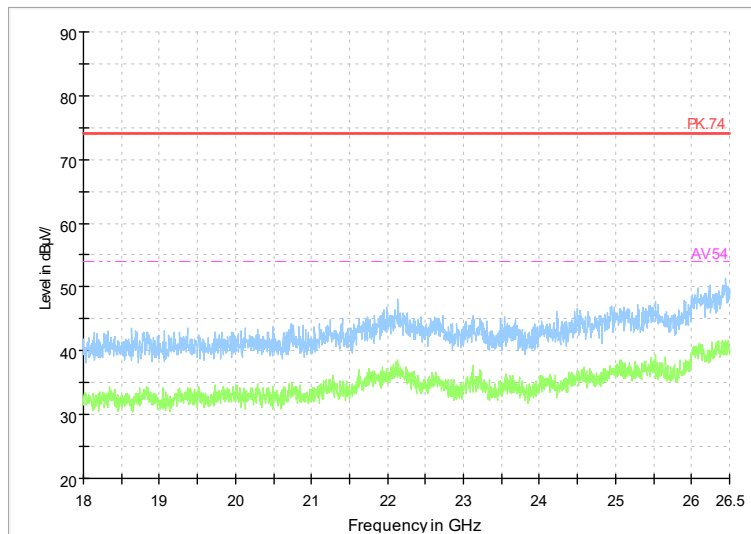
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT20)

Carrier frequency (MHz): 2422
Channel No.:3

The State Radio_monitoring_centerTesting Center (SRTC)

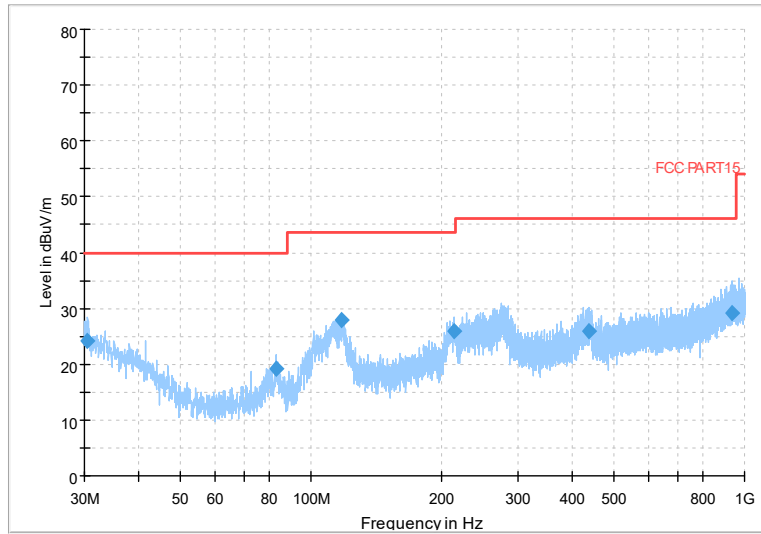
Tel: 86-10-57996183

Fax:86-10-57996388

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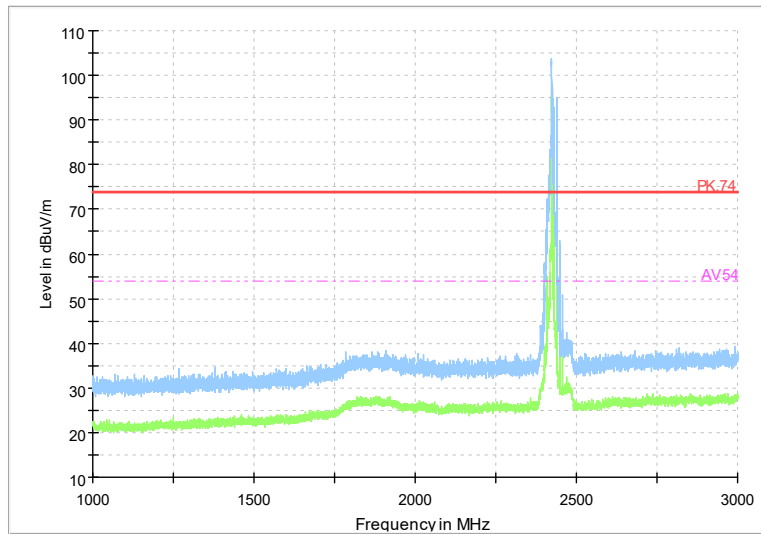
V3.0.0

Full Spectrum



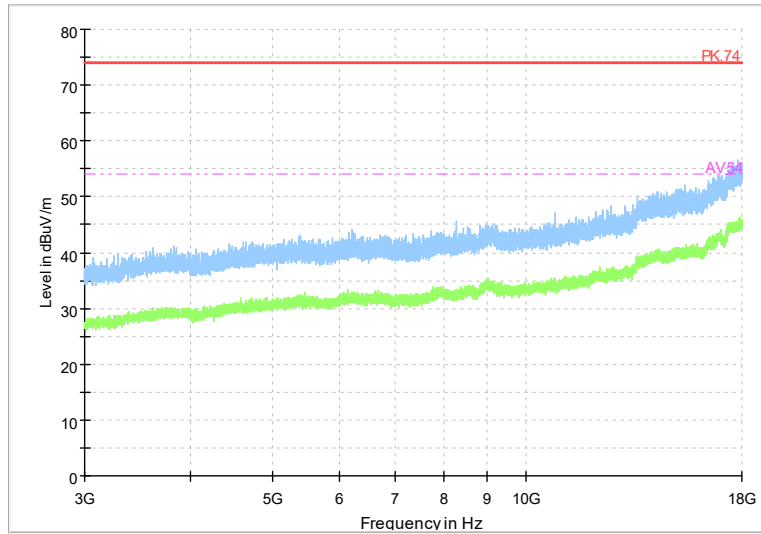
Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



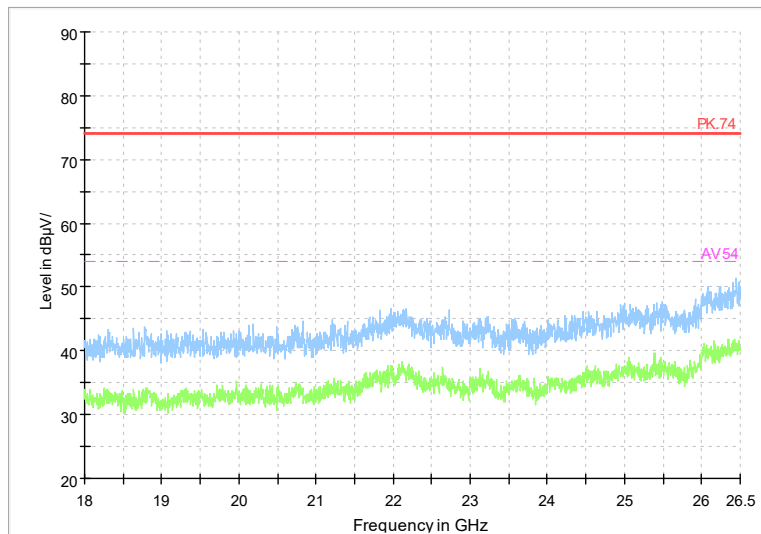
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

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

The State Radio_monitoring_centerTesting Center (SRTC)

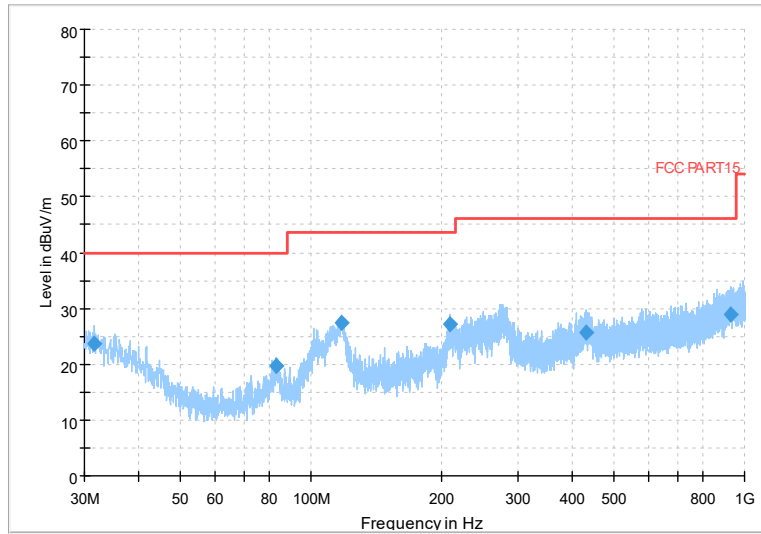
Tel: 86-10-57996183

Fax:86-10-57996388

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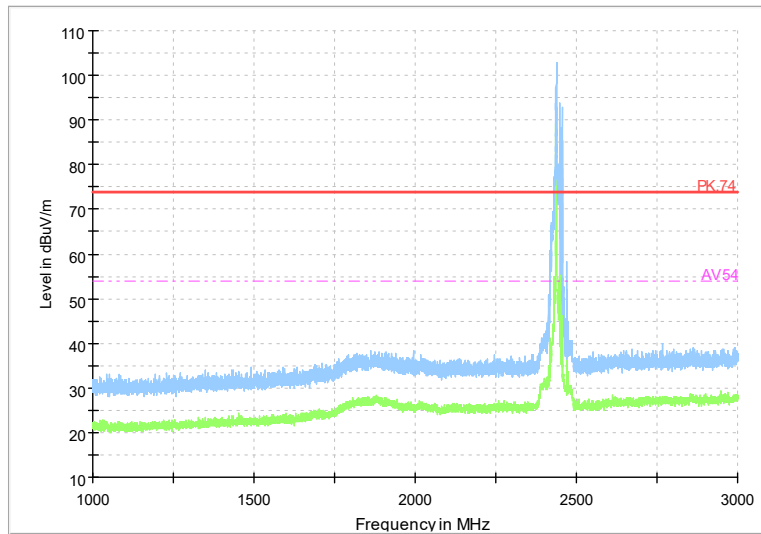
V3.0.0

Full Spectrum



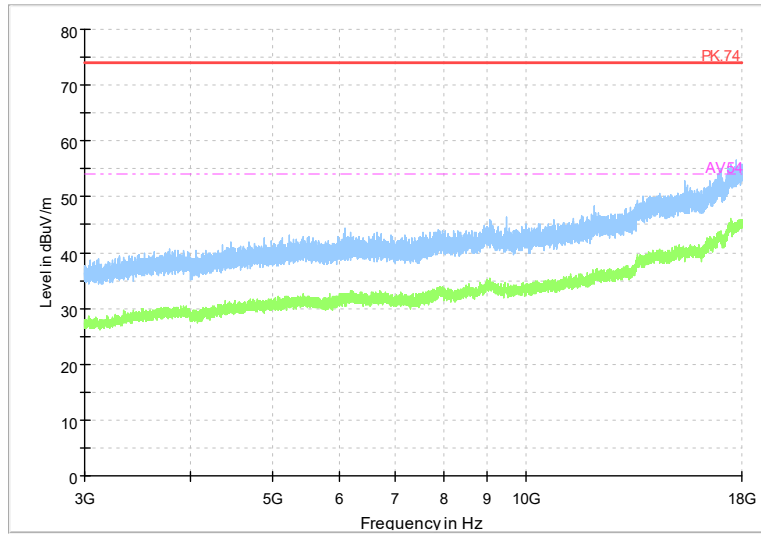
Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



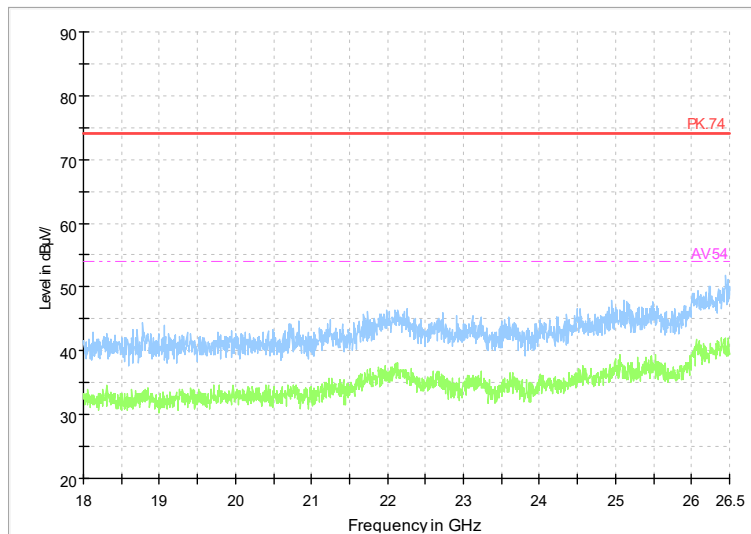
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

Carrier frequency (MHz): 2452

Channel No.:9

The State Radio_monitoring_centerTesting Center (SRTC)

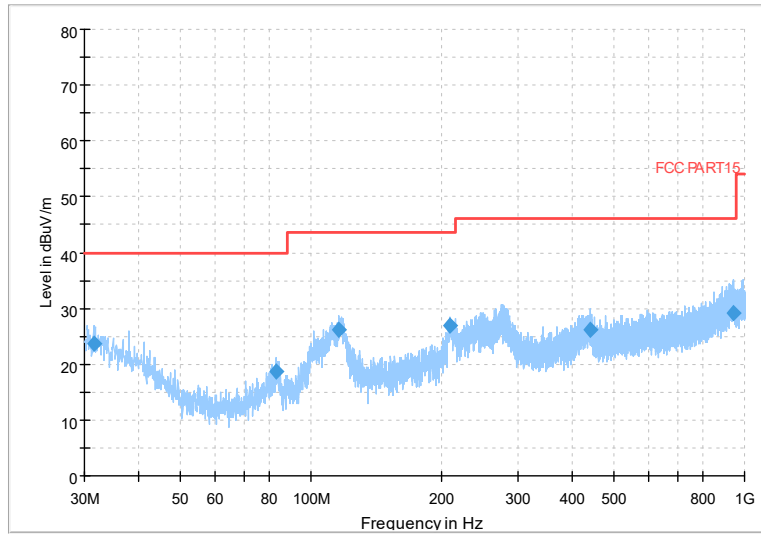
Tel: 86-10-57996183

Fax:86-10-57996388

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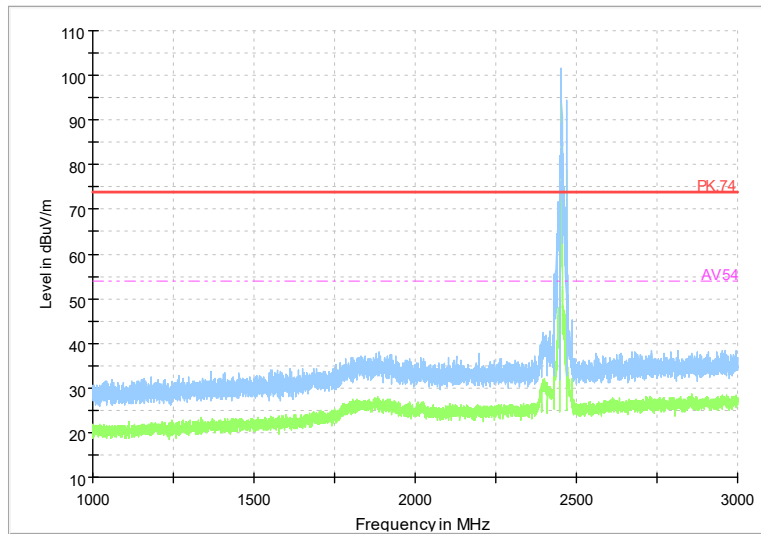
V3.0.0

Full Spectrum



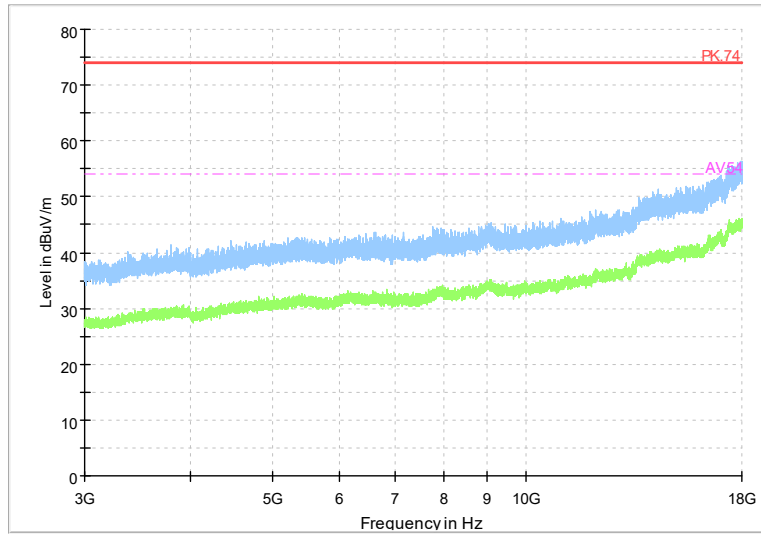
Frequency Range: 30MHz -1GHz
Detector: Detector: QP mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



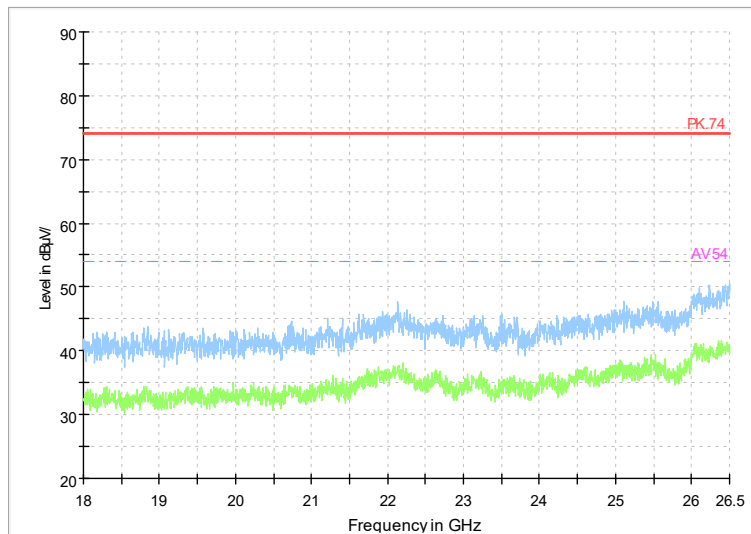
Frequency Range: 1GHz -3GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



Frequency Range: 3GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)

Full Spectrum



Frequency Range: 18GHz -26GHz
Detector: Av mode and PK mode
Modulation type: 802.11 be(EHT40)



AC Power line Conducted Emission

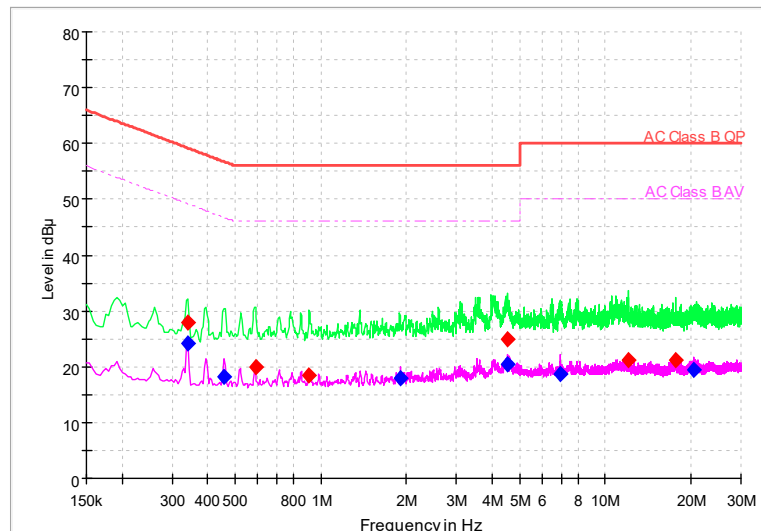
A "reference path loss" Corr.(dB) is established and the $L_{\text{cable}} + \text{ATT} + \text{VDF}$ is the attenuation of "reference path loss", and including the cable loss, the attenuation of the attenuator, the voltage division factor of AMN.

The measurement results are obtained as described below:

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

Sample calculation: $(24.26 \text{ dB}\mu\text{V}) = (-5.34 \text{ dB}\mu\text{V}) + (29.6 \text{ dB})$, the corresponding frequency is 0.341893 MHz.

Full Spectrum



L+N Line

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PmeaQuasiPeak (dBμV)	Pmea Average (dBμV)
0.341893	---	24.26	49.16	24.9	L1	29.6	---	-5.34
0.341893	27.98	---	59.16	31.18	L1	29.6	-1.62	---
0.457029	---	18.27	46.75	28.48	L1	29.6	---	-11.33
0.589222	19.92	---	56	36.08	N	29.6	-9.68	---
0.909043	18.47	---	56	37.53	L1	29.6	-11.13	---
1.902622	---	17.93	46	28.07	L1	29.6	---	-11.67
4.542214	---	20.42	46	25.58	L1	29.7	---	-9.28
4.542214	24.82	---	56	31.18	L1	29.7	-4.88	---
6.92595	---	18.78	50	31.22	L1	29.7	---	-10.92
12.07294	21.27	---	60	38.73	L1	29.9	-8.63	---
17.75723	21.2	---	60	38.8	L1	30.2	-9	---
20.52475	---	19.47	50	30.53	L1	30.3	---	-10.83

---End of Test Report---