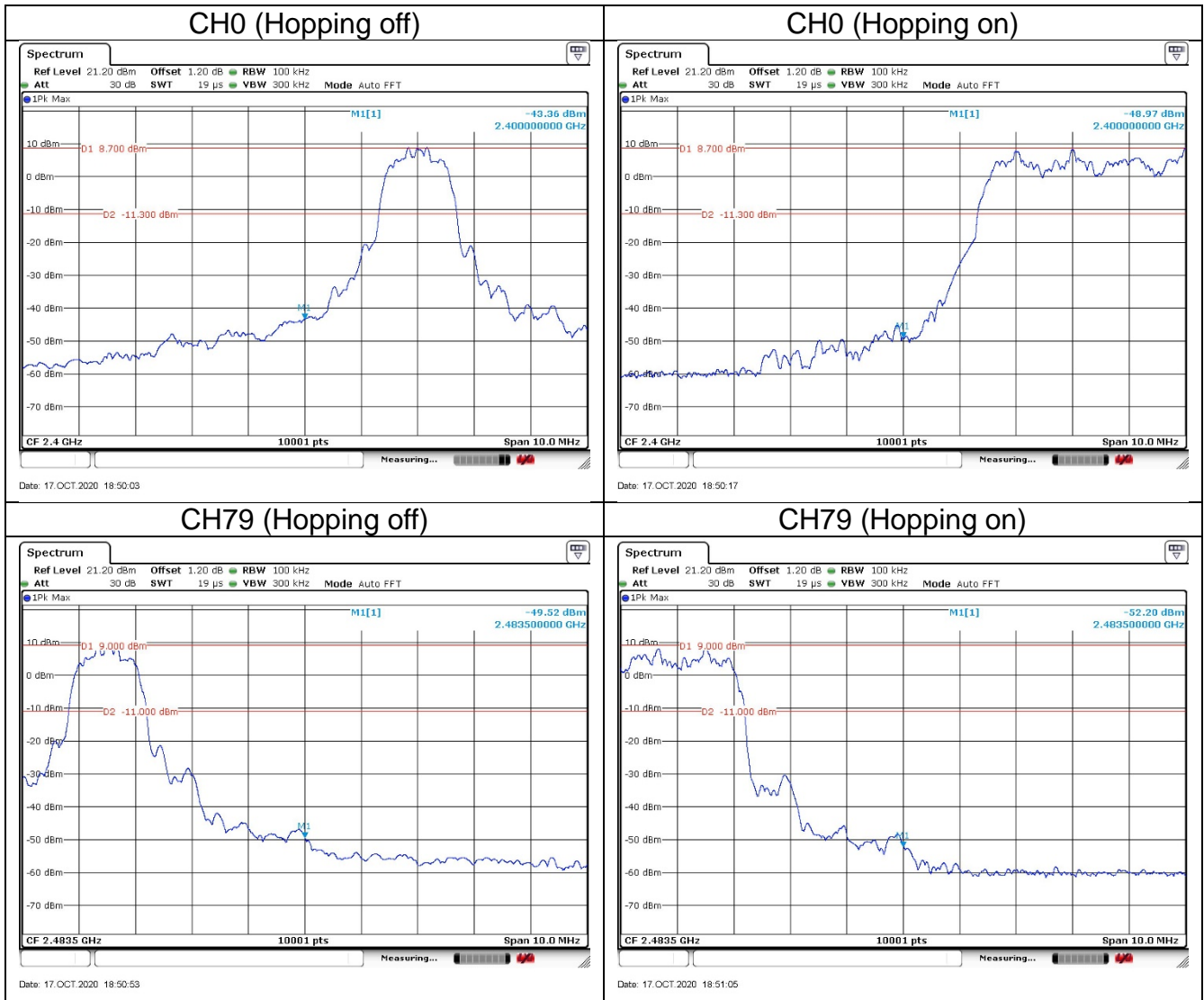


8DPSK



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: (100.37dBuV/m) = (66.37dBuV) + (8.90 dB) + (25.101/m), the corresponding frequency is 2402MHz.

Carrier frequency (MHz): 2402

Channel No.:0

Test Mode: GFSK

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 (1/m)
1	2402	100.37	66.37	N/A	N/A	8.90	25.10
2	2390	46.54	12.54	-27.46	74.00	8.90	25.10

Carrier frequency (MHz): 2402

Channel No.:0

Test Mode: GFSK

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 (1/m)
1	2402	95.96	61.96	N/A	N/A	8.90	25.10
2	2390	44.77	10.77	-29.23	74.00	8.90	25.10

Carrier frequency (MHz): 2402

Channel No.:0

Test Mode: GFSK

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 (1/m)
1	2402	96.40	62.40	N/A	N/A	8.90	25.10
2	2390	36.14	2.14	-17.86	54.00	8.90	25.10

Carrier frequency (MHz): 2402

Channel No.:0

Test Mode: GFSK

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 (1/m)
1	2402	91.08	57.08	N/A	N/A	8.90	25.10
2	2390	34.46	0.46	-19.54	54.00	8.90	25.10

Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: GFSK
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 (1/m)
1	2480	102.09	68.09	N/A	N/A	8.90	25.10
2	2483.5	48.53	14.53	-25.47	74.00	8.90	25.10

Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: GFSK
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 (1/m)
1	2480	95.61	61.61	N/A	N/A	8.90	25.10
2	2483.5	41.83	7.83	-32.17	74.00	8.90	25.10

Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: GFSK
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 (1/m)
1	2480	92.58	58.58	N/A	N/A	8.90	25.10
2	2483.5	35.20	1.20	-18.80	54.00	8.90	25.10

Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: GFSK
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 (1/m)
1	2480	89.43	55.43	N/A	N/A	8.90	25.10
2	2483.5	35.72	1.72	-18.28	54.00	8.90	25.10

Carrier frequency (MHz): 2402
Channel No.:0
Test Mode: $\pi/4$ DQPSK
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 (1/m)
1	2402	101.03	67.03	N/A	N/A	8.90	25.10
2	2390	46.96	12.96	-27.04	74.00	8.90	25.10

Carrier frequency (MHz): 2402
Channel No.:0
Test Mode: $\pi/4$ DQPSK
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 (1/m)
1	2402	95.39	61.39	N/A	N/A	8.90	25.10
2	2390	43.81	9.81	-30.19	74.00	8.90	25.10

Carrier frequency (MHz): 2402
Channel No.:0
Test Mode: $\pi/4$ DQPSK
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 (1/m)
1	2402	93.96	59.96	N/A	N/A	8.90	25.10
2	2390	35.79	1.79	-18.21	54.00	8.90	25.10

Carrier frequency (MHz): 2402
Channel No.:0
Test Mode: $\pi/4$ DQPSK
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 (1/m)
1	2402	91.61	57.61	N/A	N/A	8.90	25.10
2	2390	35.28	1.28	-18.72	54.00	8.90	25.10

Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: $\pi/4$ DQPSK
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 (1/m)
1	2480	102.39	68.39	N/A	N/A	8.90	25.10
2	2483.5	47.30	13.30	-26.70	74.00	8.90	25.10

Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: $\pi/4$ DQPSK
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 (1/m)
1	2480	95.05	61.05	N/A	N/A	8.90	25.10
2	2483.5	44.16	10.16	-29.84	74.00	8.90	25.10

Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: $\pi/4$ DQPSK
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 (1/m)
1	2480	93.03	59.03	N/A	N/A	8.90	25.10
2	2483.5	36.19	2.19	-17.81	54.00	8.90	25.10

Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: $\pi/4$ DQPSK
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 (1/m)
1	2480	91.77	57.77	N/A	N/A	8.90	25.10
2	2483.5	35.20	1.20	-18.80	54.00	8.90	25.10

Carrier frequency (MHz): 2402
Channel No.:0
Test Mode: 8DPSK
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 (1/m)
1	2402	101.41	67.41	N/A	N/A	8.90	25.10
2	2390	49.88	15.88	-24.12	74.00	8.90	25.10

Carrier frequency (MHz): 2402
Channel No.:0
Test Mode: 8DPSK
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 (1/m)
1	2402	95.99	61.99	N/A	N/A	8.90	25.10
2	2390	42.70	8.70	-31.30	74.00	8.90	25.10

Carrier frequency (MHz): 2402
Channel No.:0
Test Mode: 8DPSK
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 (1/m)
1	2402	94.57	60.57	N/A	N/A	8.90	25.10
2	2390	36.40	2.40	-17.60	54.00	8.90	25.10

Carrier frequency (MHz): 2402
Channel No.:0
Test Mode: 8DPSK
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 (1/m)
1	2402	92.93	58.93	N/A	N/A	8.90	25.10
2	2390	36.02	2.02	-17.98	54.00	8.90	25.10

Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: 8DPSK
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 (1/m)
1	2480	102.26	68.26	N/A	N/A	8.90	25.10
2	2483.5	49.38	15.38	-24.62	74.00	8.90	25.10

Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: 8DPSK
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 (1/m)
1	2480	94.09	60.09	N/A	N/A	8.90	25.10
2	2483.5	45.17	11.17	-28.83	74.00	8.90	25.10

Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: 8DPSK
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 (1/m)
1	2480	93.74	59.74	N/A	N/A	8.90	25.10
2	2483.5	35.25	1.25	-18.75	54.00	8.90	25.10

Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: 8DPSK
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 (1/m)
1	2480	88.91	54.91	N/A	N/A	8.90	25.10
2	2483.5	34.48	0.48	-19.52	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:

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

Sample calculation: $(35.2\text{dB}\mu\text{V/m}) = (56.5\text{dB}\mu\text{V/m}) + (-21.3\text{dB})$, the corresponding frequency is 68.791MHz.

The worst case attitude: The mobile lay down.

For GFSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
68.791	35.2	-21.3	56.5	Vertical	40.00
69.0335	33.96	-21.3	55.26	Vertical	40.00
72.0355	34.25	-22.1	56.35	Vertical	40.00
72.3495	35.01	-22.2	57.21	Vertical	40.00
72.4465	35.47	-22.2	57.67	Vertical	40.00
72.472	35.68	-22.2	57.88	Vertical	40.00

For $\pi/4$ DQPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
69.0565	35.16	-21.3	56.46	Vertical	40.00
69.082	34.71	-21.3	56.01	Vertical	40.00
72.0405	34.69	-22.1	56.79	Vertical	40.00
72.175	34.76	-22.1	56.86	Vertical	40.00
72.7375	35	-22.3	57.3	Vertical	40.00
72.8515	35.38	-22.3	57.68	Vertical	40.00

For 8DPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
68.923	33.49	-21.3	54.79	Vertical	40.00
69.208	34.73	-21.4	56.13	Vertical	40.00
72.614	35.43	-22.2	57.63	Vertical	40.00
72.666	34.59	-22.2	56.79	Vertical	40.00
72.7	35.59	-22.2	57.79	Vertical	40.00
72.7595	35.09	-22.3	57.39	Vertical	40.00

For GFSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
68.8395	33.74	-21.3	55.04	Vertical	40.00
68.9545	34.21	-21.3	55.51	Vertical	40.00
68.985	33.48	-21.3	54.78	Vertical	40.00
72.3495	34.7	-22.2	56.9	Vertical	40.00
72.472	35.03	-22.2	57.23	Vertical	40.00
72.649	35.08	-22.2	57.28	Vertical	40.00

For $\pi/4$ DQPSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
68.9025	35.04	-21.3	56.34	Vertical	40.00
69.048	34.47	-21.3	55.77	Vertical	40.00
69.2055	35.18	-21.4	56.58	Vertical	40.00
72.2345	31.19	-22.1	53.29	Vertical	40.00
72.358	32.5	-22.2	54.7	Vertical	40.00
72.4805	31.81	-22.2	54.01	Vertical	40.00

For 8DPSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
68.6515	33.08	-21.2	54.28	Vertical	40.00
68.8455	31.5	-21.3	52.8	Vertical	40.00
68.9485	31.81	-21.3	53.11	Vertical	40.00
69.311	30.57	-21.4	51.97	Vertical	40.00
78.337	32.02	-23.6	55.62	Vertical	40.00
78.44	31.35	-23.6	54.95	Vertical	40.00

For GFSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
72.5655	31.8	-22.2	54	Vertical	40.00
72.751	33.01	-22.3	55.31	Vertical	40.00
72.8565	32.89	-22.3	55.19	Vertical	40.00
85.453	32.24	-22.1	54.34	Vertical	40.00
85.863	31.63	-22	53.63	Vertical	40.00
85.96	31.98	-21.9	53.88	Vertical	40.00

For $\pi/4$ DQPSK
Channel No.:78

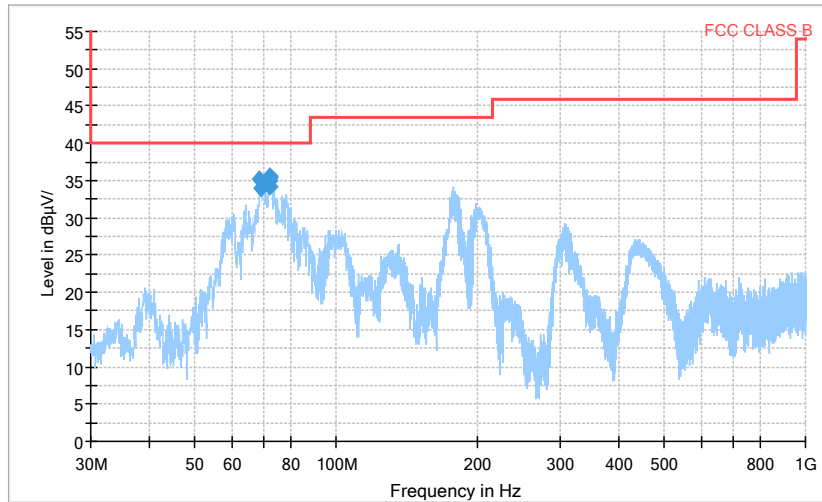
Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
69.082	33.31	-21.3	54.61	Vertical	40.00
69.1085	32.82	-21.4	54.22	Vertical	40.00
72.7145	31.19	-22.2	53.39	Vertical	40.00
80.431	33.87	-23.8	57.67	Vertical	40.00
80.528	33.68	-23.8	57.48	Vertical	40.00
81.207	33.49	-23.5	56.99	Vertical	40.00

For 8DPSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
78.509	35.22	-23.6	58.82	Vertical	40.00
78.5855	35.2	-23.6	58.8	Vertical	40.00
78.6	35.18	-23.6	58.78	Vertical	40.00
78.6025	35.09	-23.6	58.69	Vertical	40.00
79.2245	33.1	-23.8	56.9	Vertical	40.00
79.461	33.84	-23.8	57.64	Vertical	40.00

Carrier frequency (MHz): 2402
Channel No.:0

Full Spectrum

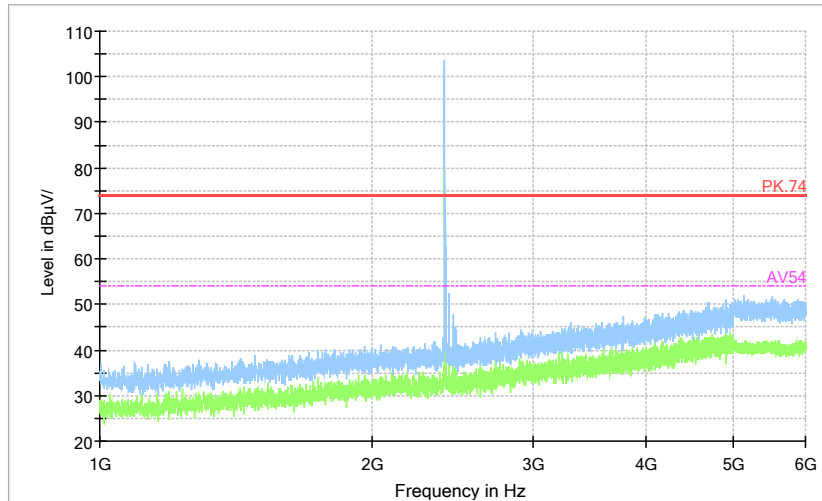


— Preview Result 1-PK+ — FCC CLASS B ◆ Final_Result QPK

Comment

Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK

Full Spectrum

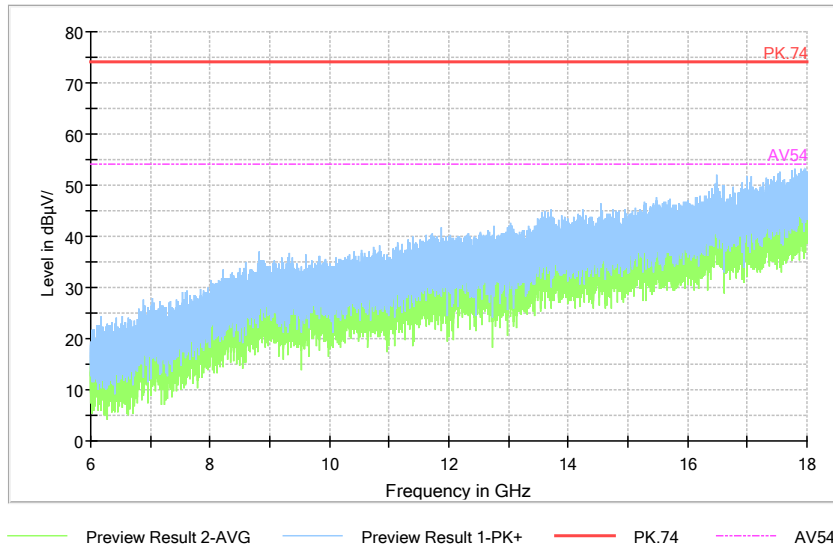


— Preview Result 2-AVG — Preview Result 1-PK+ — PK.74 - - - AV54

Comment

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

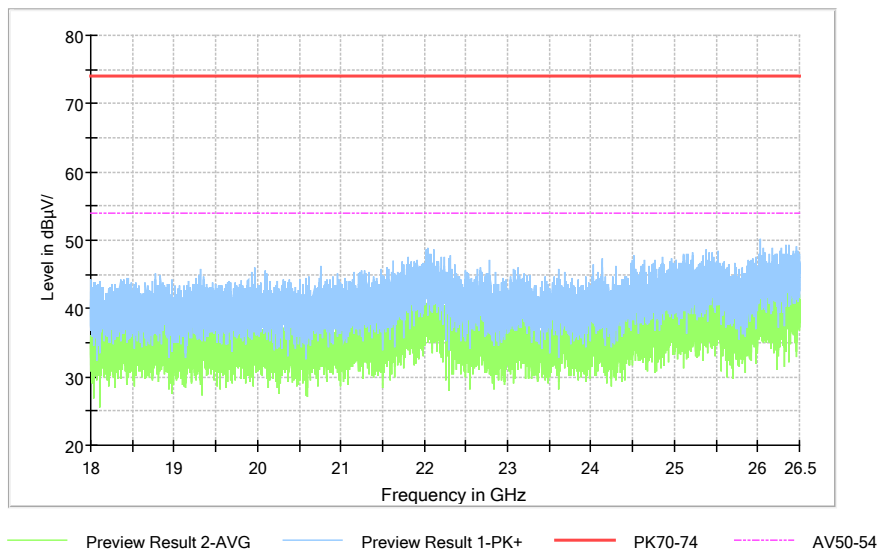
Full Spectrum



Comment

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

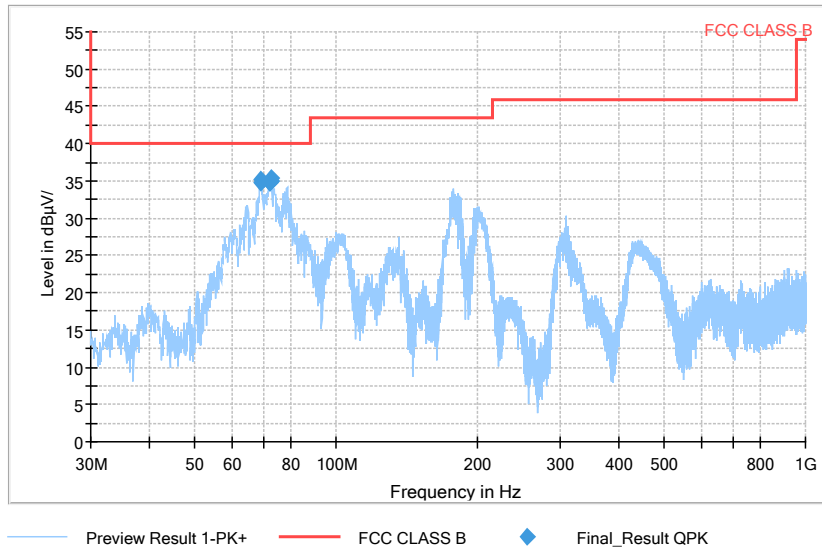
Full Spectrum



Comment

FrequencyRange: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: GFSK

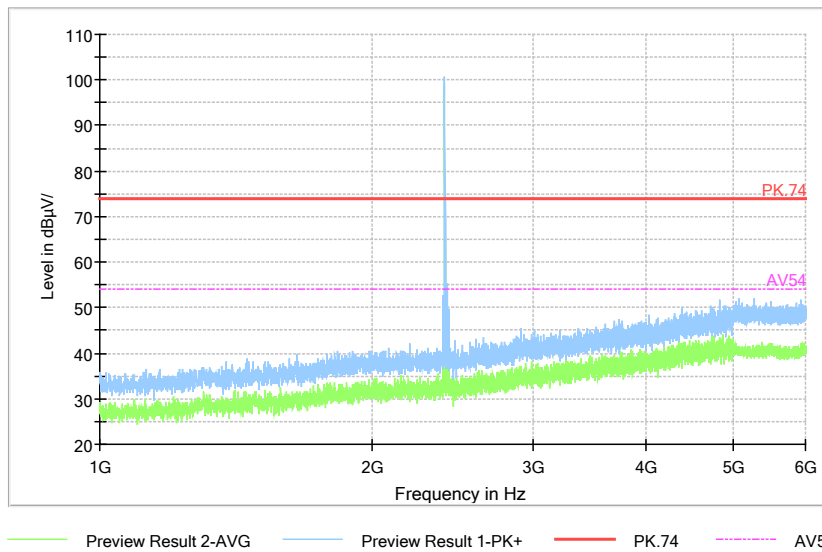
Full Spectrum



Comment

FrequencyRange: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK

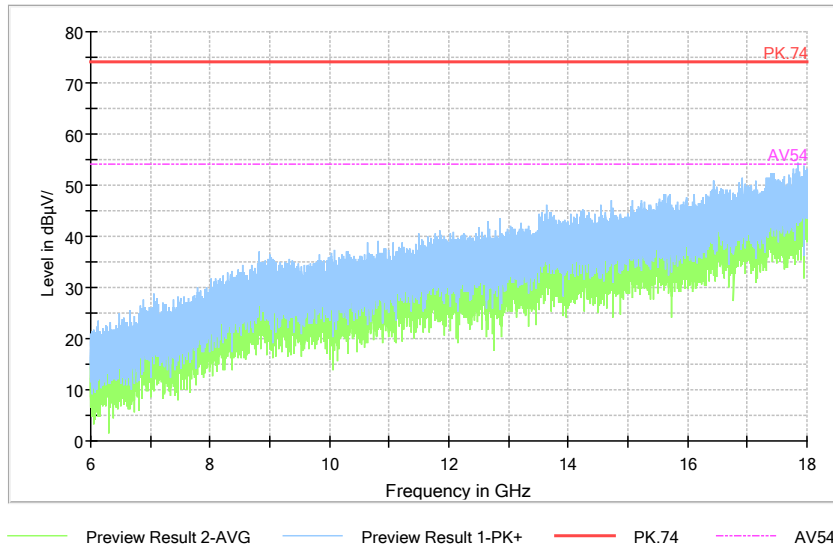
Full Spectrum



Comment

Frequency Range: 1GHz-6GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

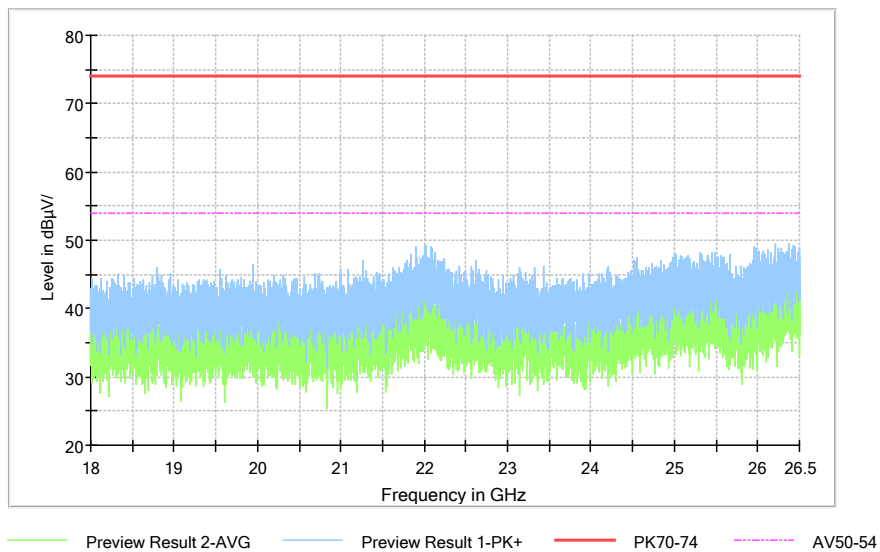
Full Spectrum



Comment

Frequency Range: 6GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

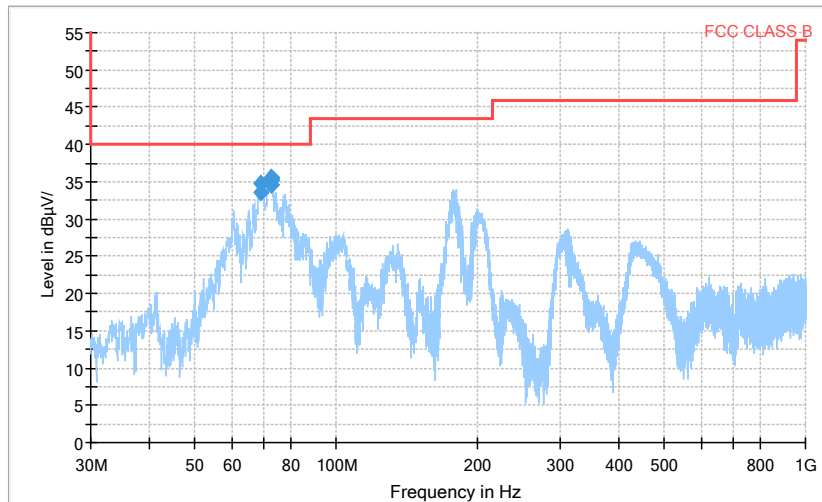
Full Spectrum



Comment

Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum

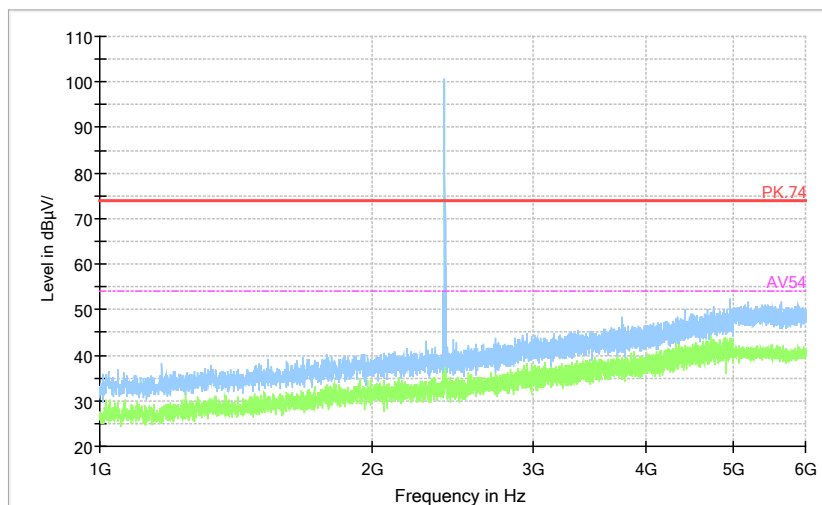


— Preview Result 1-PK+ — FCC CLASS B ◆ Final_Result QPK

Comment

FrequencyRange: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK

Full Spectrum

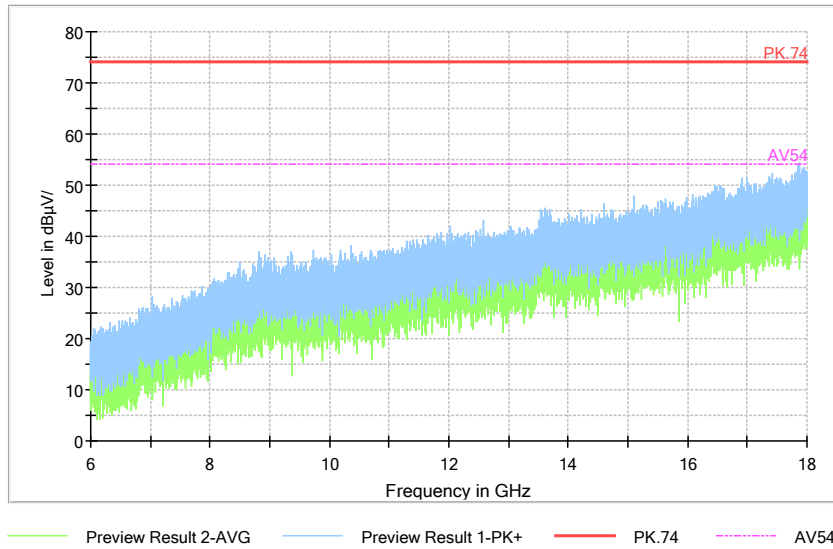


— Preview Result 2-AVG — Preview Result 1-PK+ — PK.74 — AV54

Comment

Frequency Range: 1GHz-6GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

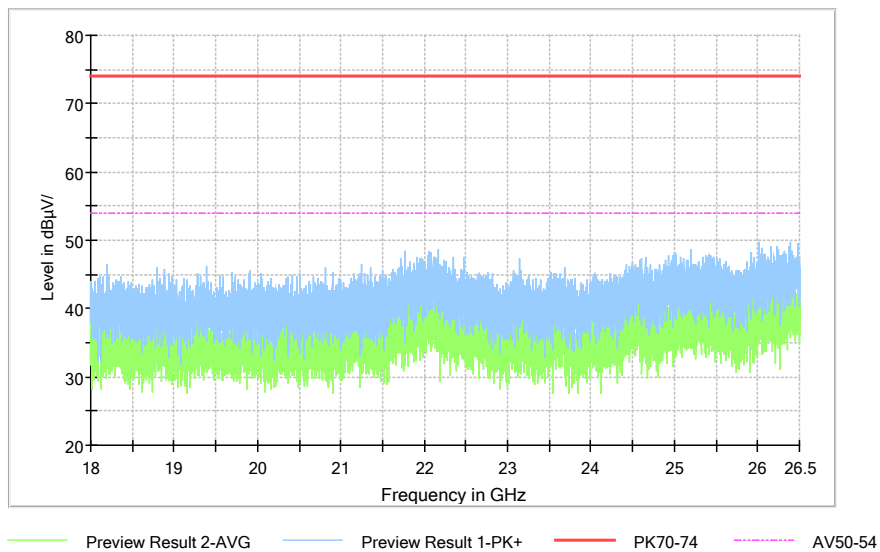
Full Spectrum



Comment

Frequency Range: 6GHz-18GHz
 Detector: Av mode and PK mode
 Modulation type: 8DPSK

Full Spectrum

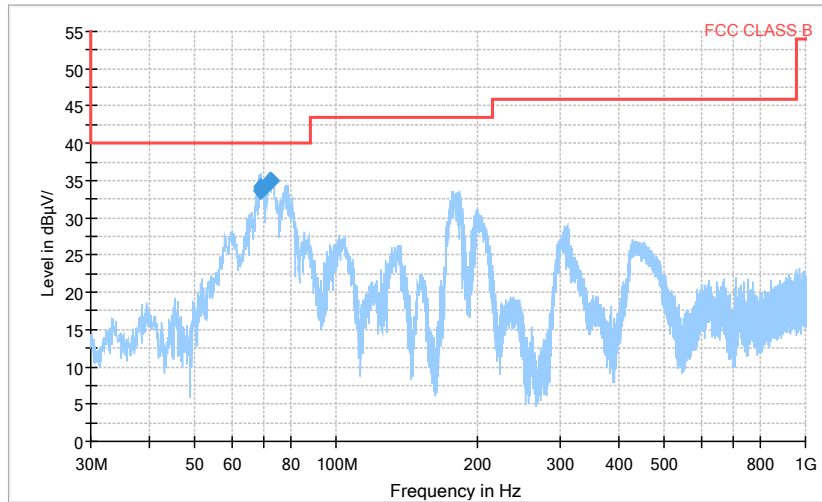


Comment

Frequency Range: 18GHz-25GHz
 Detector: Av mode and PK mode
 Modulation type: 8DPSK

Carrier frequency (MHz): 2441
Channel No.:39

Full Spectrum

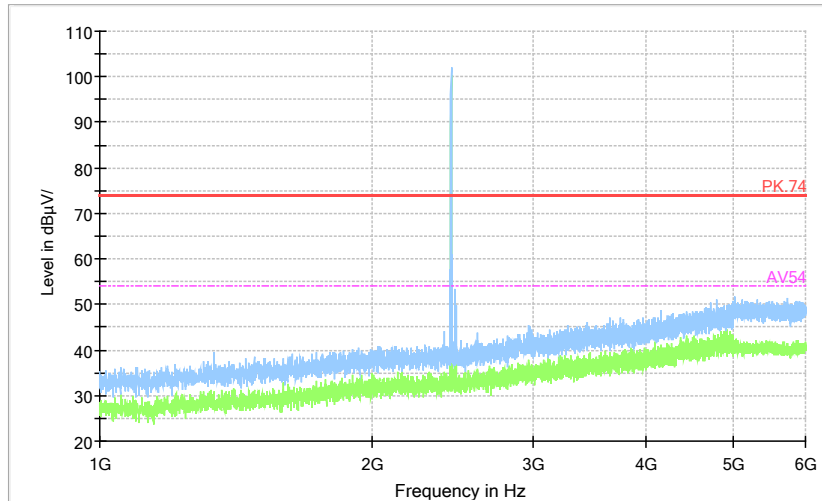


— Preview Result 1-PK+ — FCC CLASS B ◆ Final_Result QPK

Comment

Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK

Full Spectrum

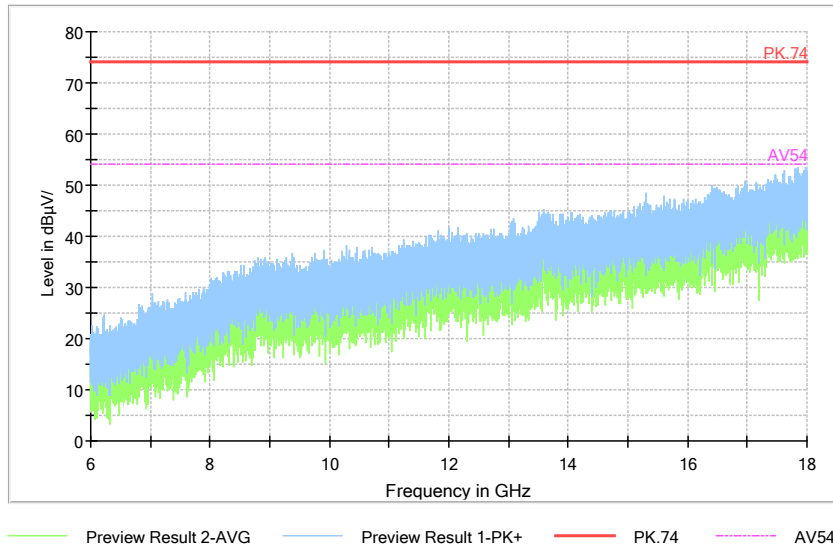


— Preview Result 2-AVG — Preview Result 1-PK+ — PK.74 - - - AV54

Comment

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

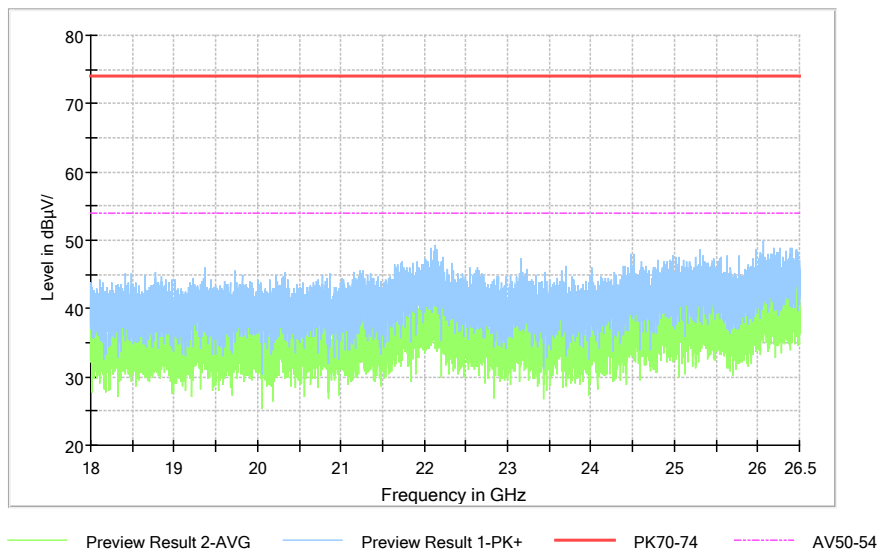
Full Spectrum



Comment

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

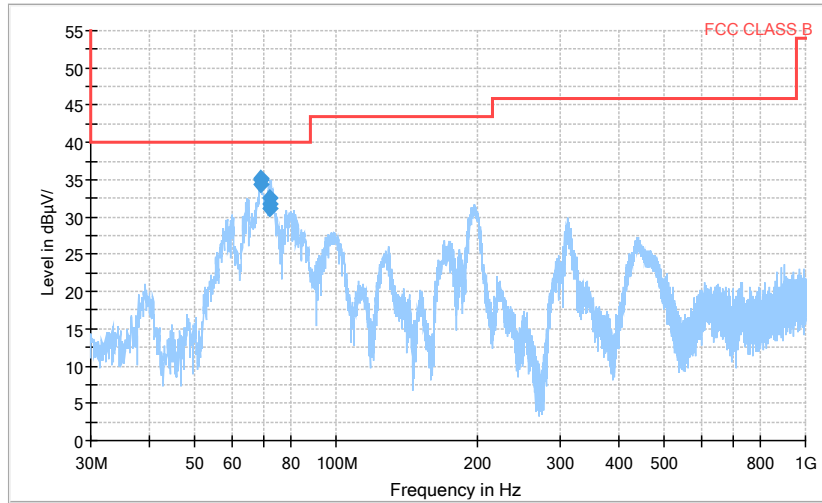
Full Spectrum



Comment

FrequencyRange: 18GHz-25GHz
 Detector: Av mode and PK mode
 Modulation type: GFSK

Full Spectrum

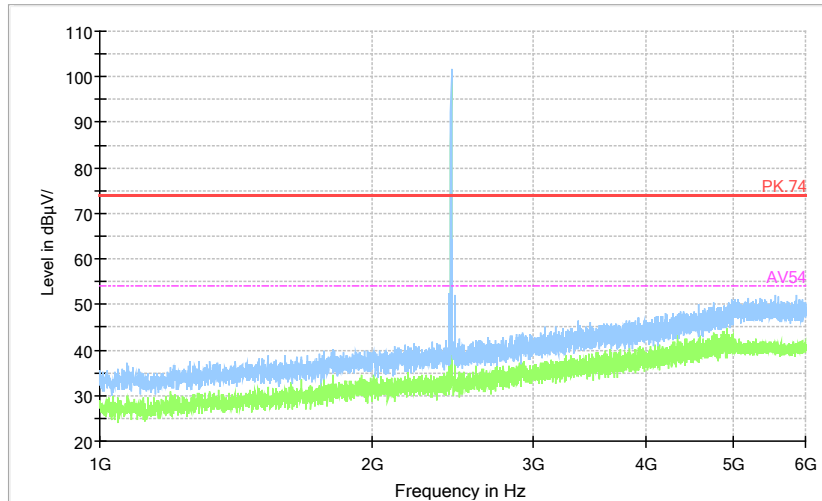


— Preview Result 1-PK+ — FCC CLASS B ◆ Final_Result QPK

Comment

FrequencyRange: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum

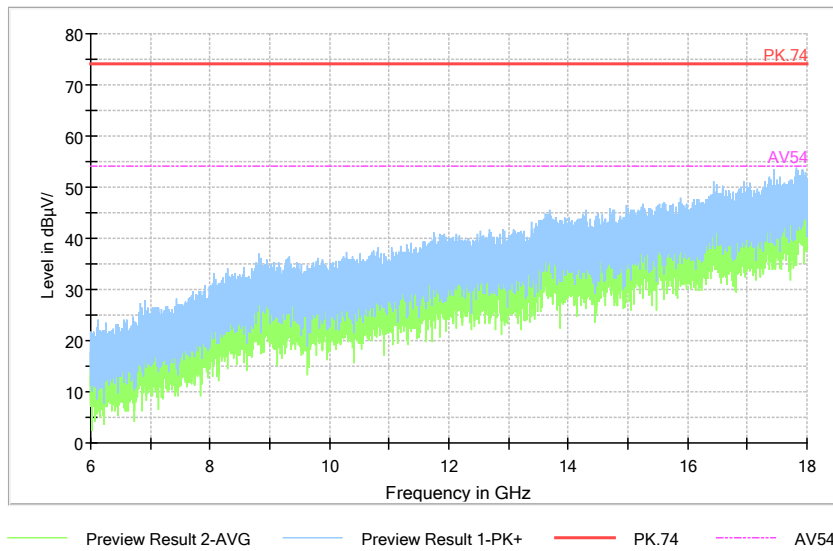


— Preview Result 2-AVG — Preview Result 1-PK+ — PK.74 - - - AV54

Comment

Frequency Range: 1GHz-6GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

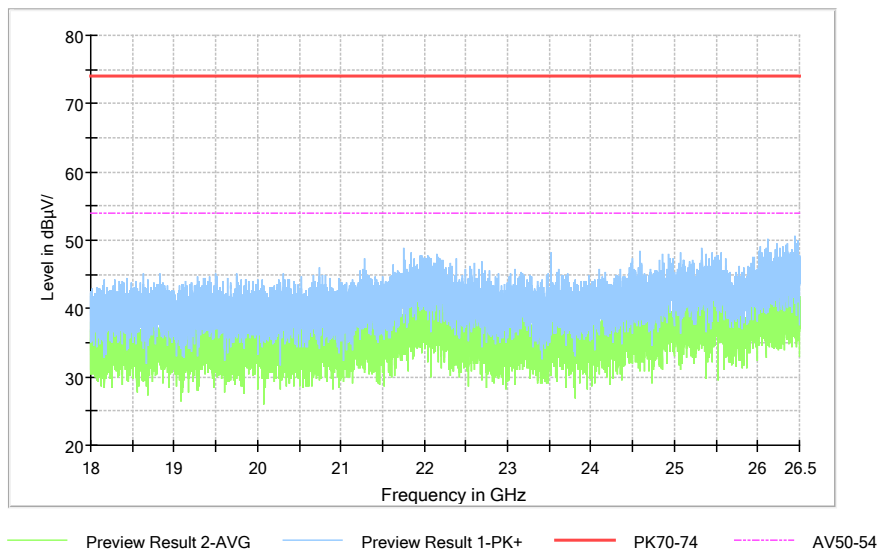
Full Spectrum



Comment

Frequency Range: 6GHz-18GHz
 Detector: Av mode and PK mode
 Modulation type: $\pi/4$ DQPSK

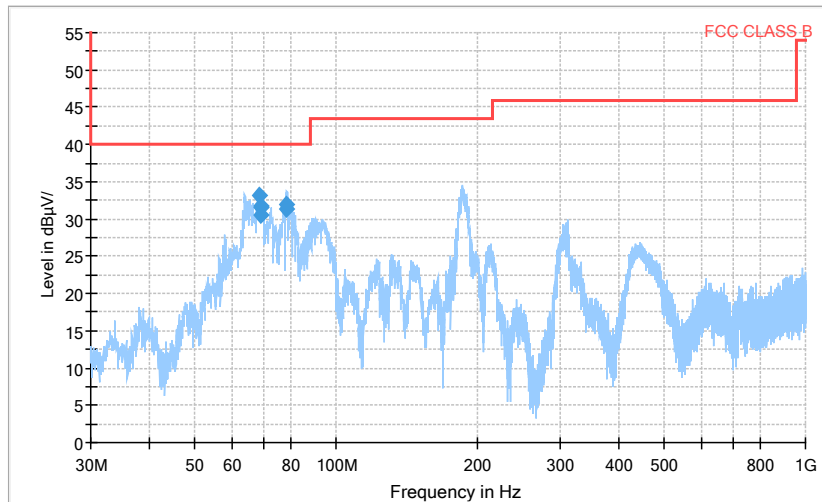
Full Spectrum



Comment

Frequency Range: 18GHz-25GHz
 Detector: Av mode and PK mode
 Modulation type: $\pi/4$ DQPSK

Full Spectrum

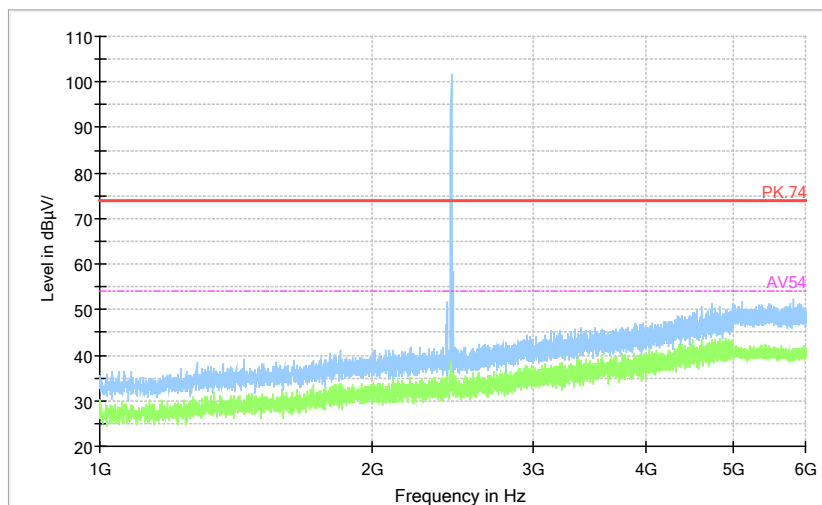


— Preview Result 1-PK+ — FCC CLASS B ◆ Final_Result QPK

Comment

FrequencyRange: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK

Full Spectrum

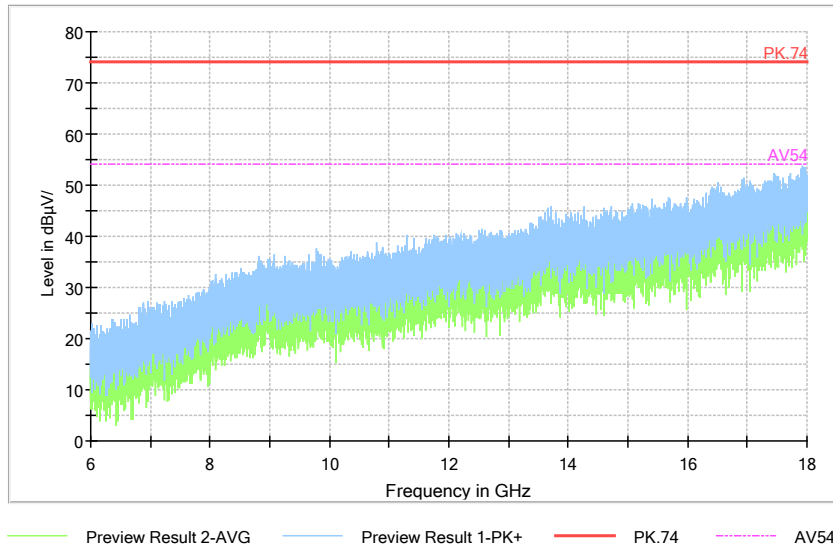


— Preview Result 2-AVG — Preview Result 1-PK+ — PK.74 - - - AV54

Comment

Frequency Range: 1GHz-6GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

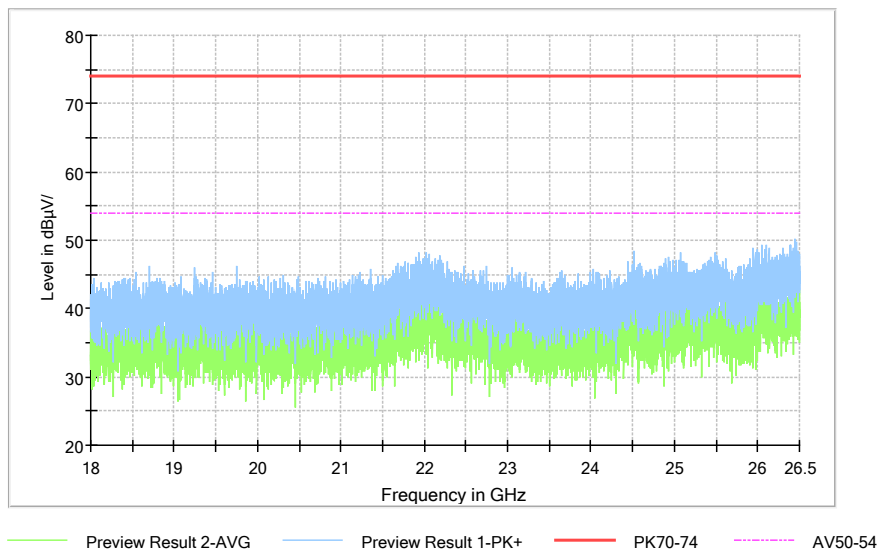
Full Spectrum



Comment

Frequency Range: 6GHz-18GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum

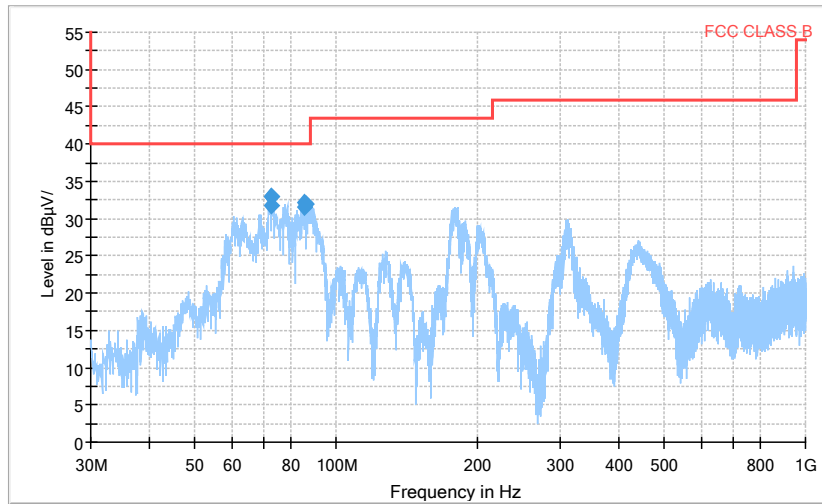


Comment

Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Carrier frequency (MHz): 2480
Channel No.:78

Full Spectrum

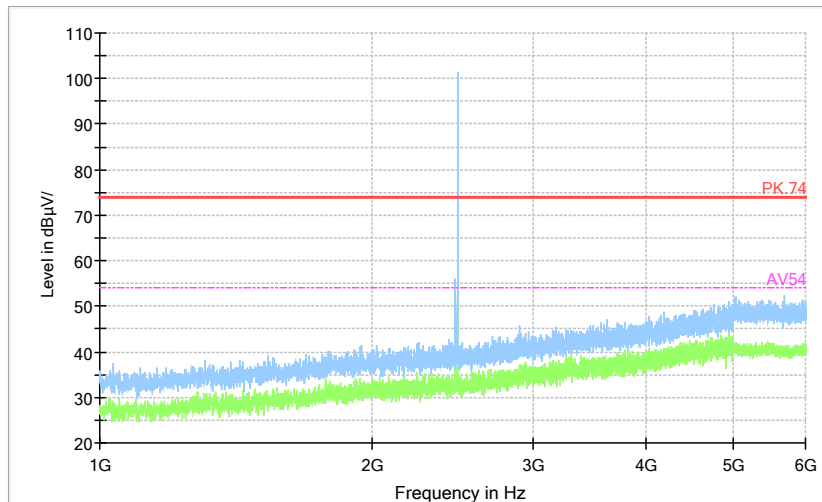


Preview Result 1-PK+ FCC CLASS B Final_Result QPK

Comment

Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK

Full Spectrum

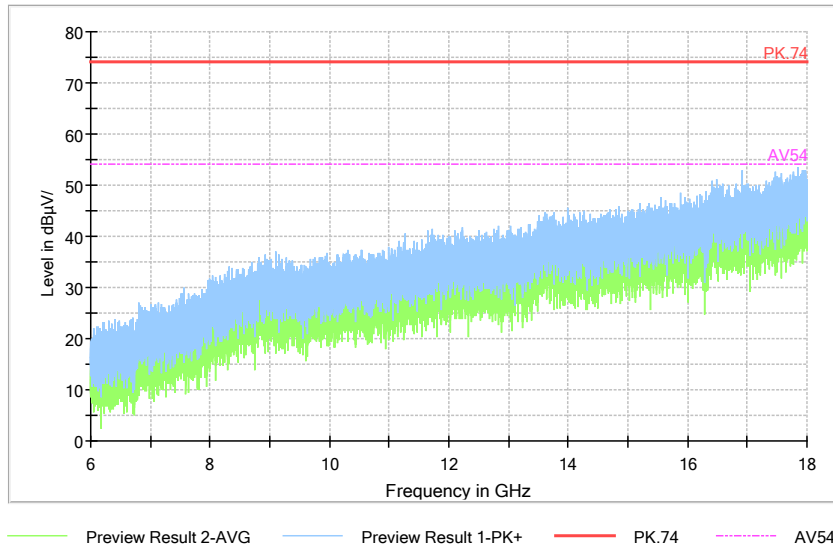


Preview Result 2-AVG Preview Result 1-PK+ PK.74 AV54

Comment

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

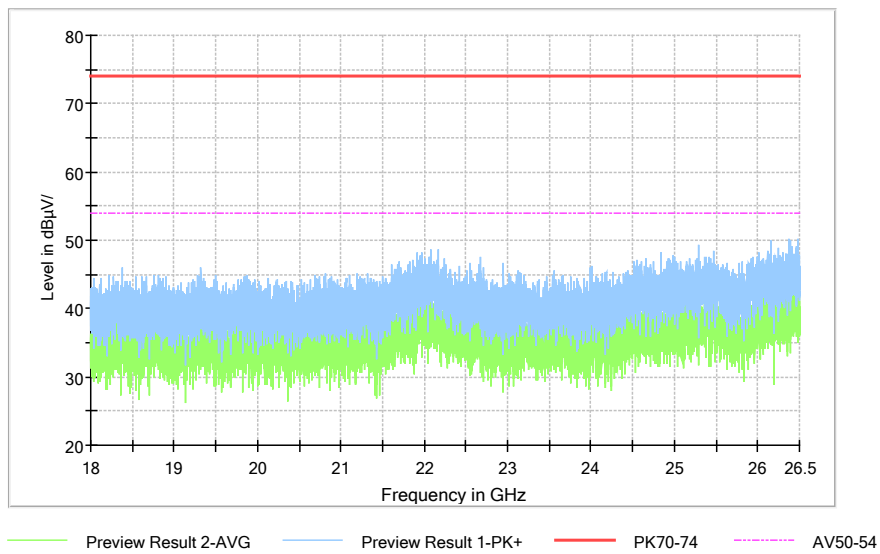
Full Spectrum



Comment

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

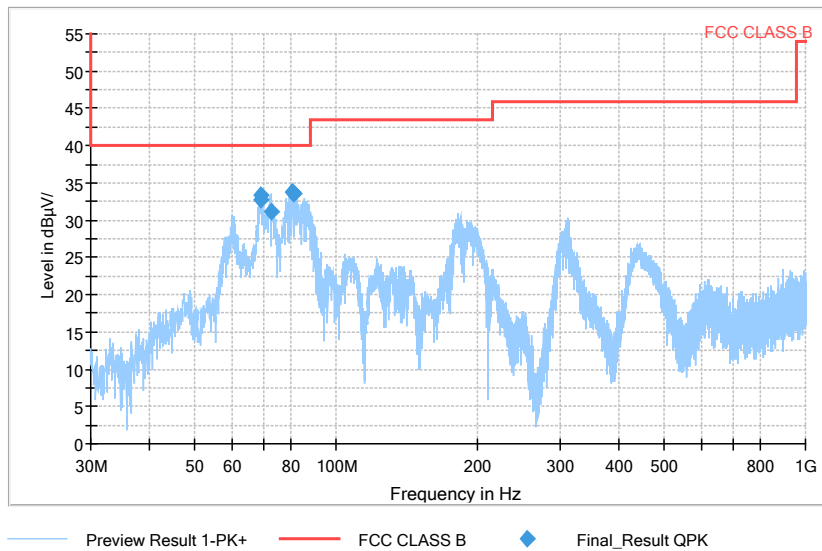
Full Spectrum



Comment

FrequencyRange: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: GFSK

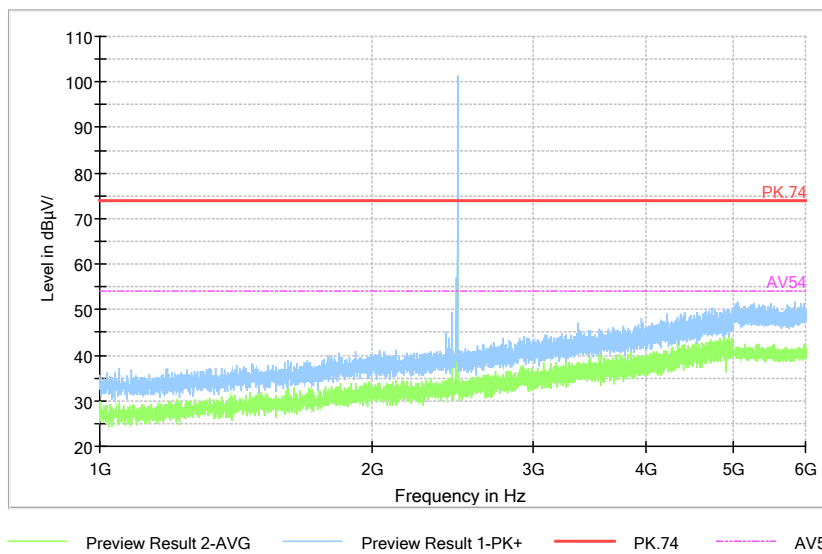
Full Spectrum



Comment

FrequencyRange: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK

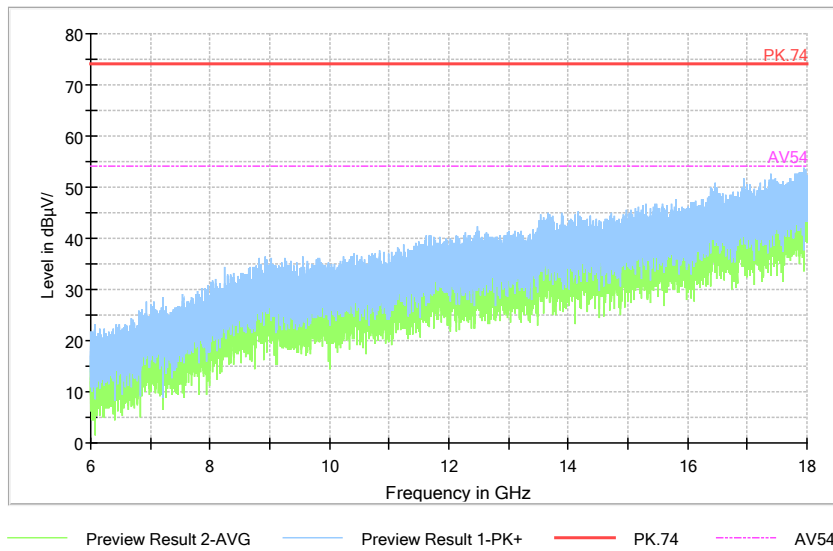
Full Spectrum



Comment

Frequency Range: 1GHz-6GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

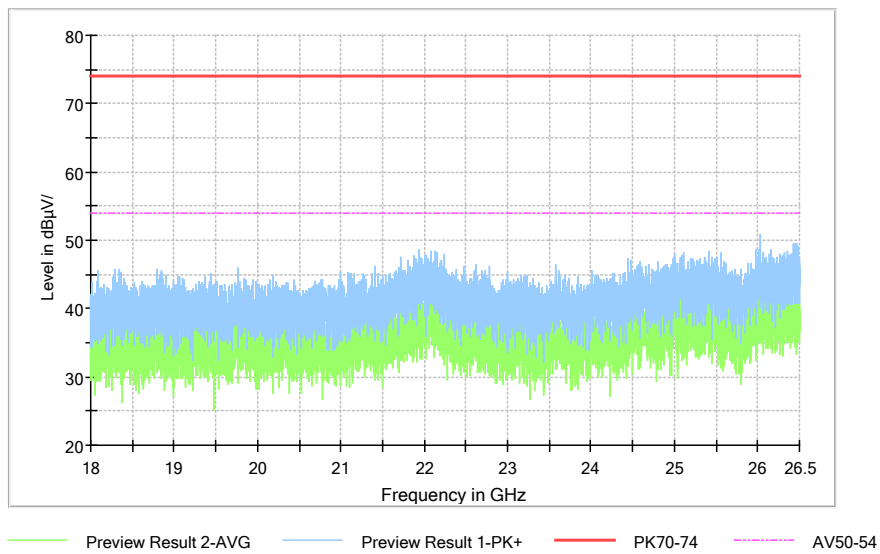
Full Spectrum



Comment

Frequency Range: 6GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

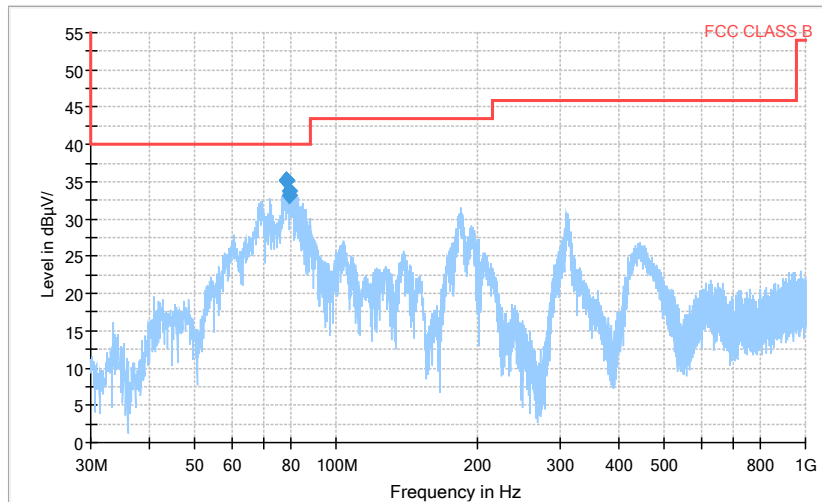
Full Spectrum



Comment

Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum

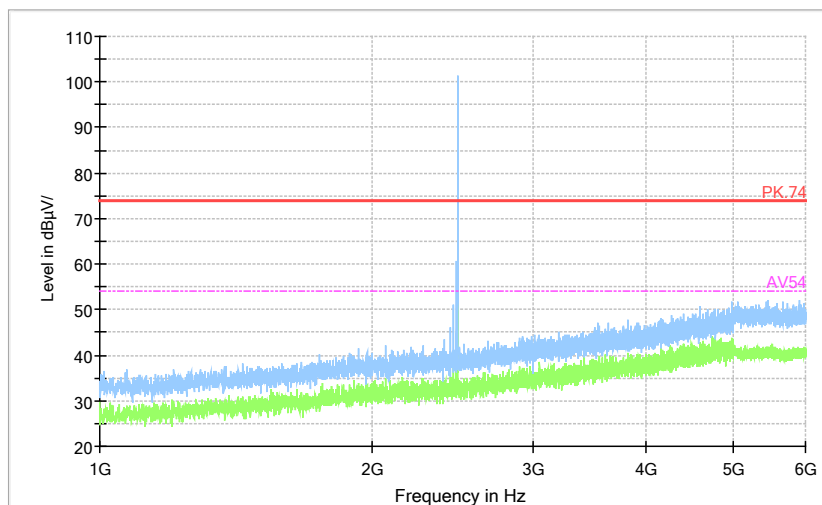


— Preview Result 1-PK+ — FCC CLASS B ◆ Final_Result QPK

Comment

FrequencyRange: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK

Full Spectrum

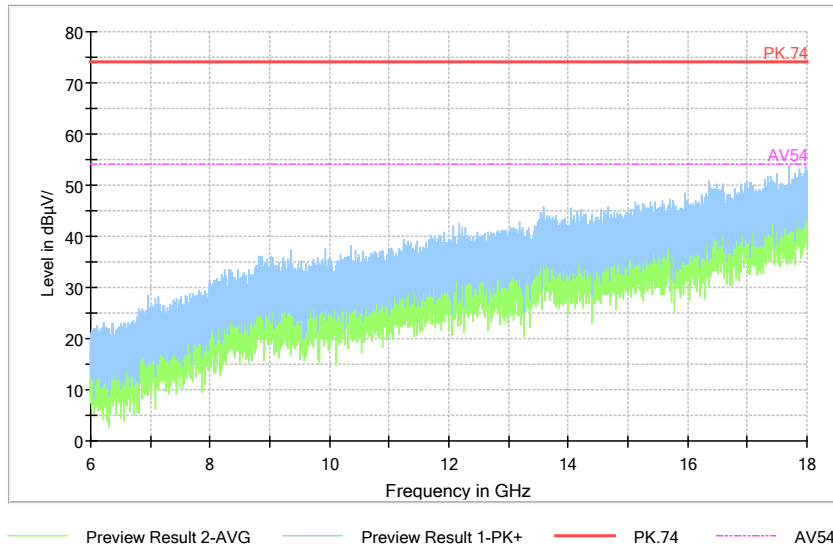


— Preview Result 2-AVG — Preview Result 1-PK+ — PK.74 — AV54

Comment

Frequency Range: 1GHz-6GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

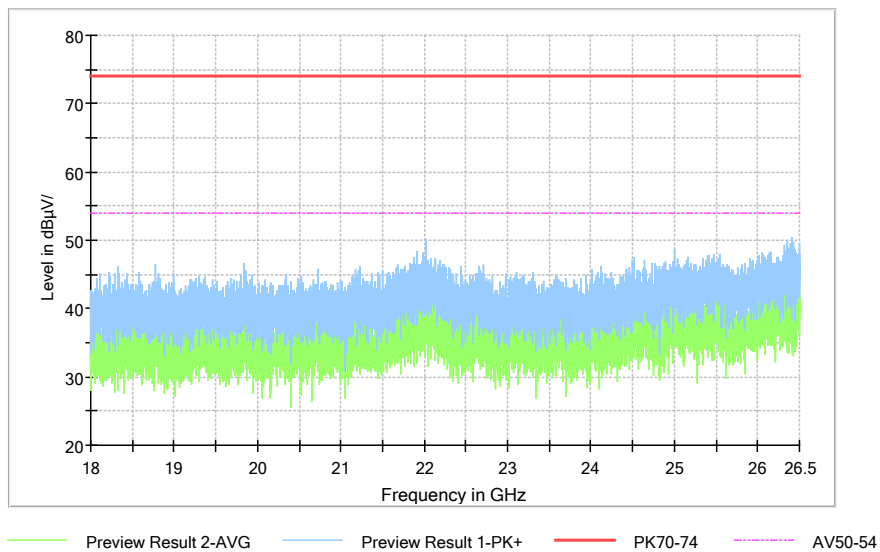
Full Spectrum



Comment

Frequency Range: 6GHz-18GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum



Comment

Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

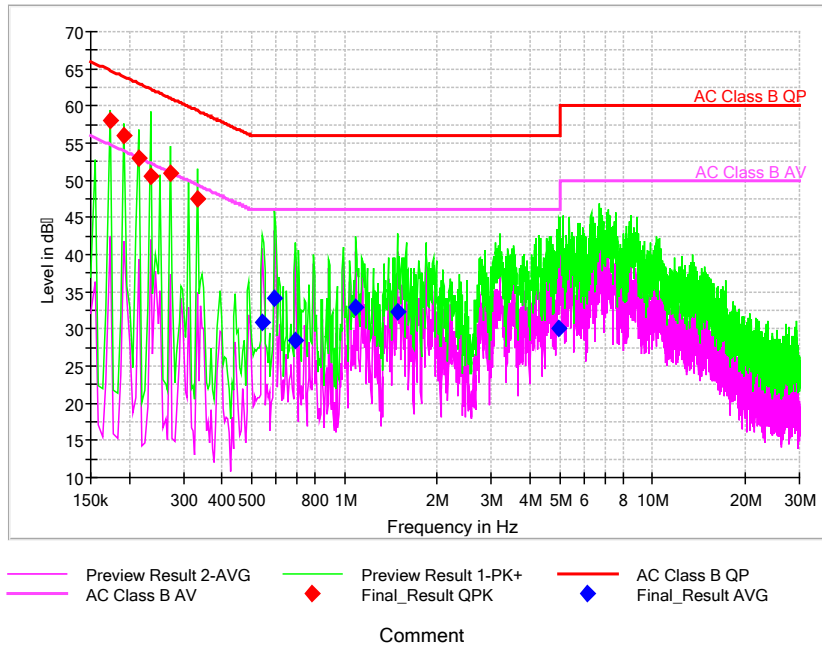
AC Power line Conducted Emission

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: $(58.01dB\mu V) = (28.41dB\mu V) + (29.6 dB)$, the corresponding frequency is 0.173320MHz.



MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	PmeaQuasiPeak (dBμV)	Pmea Average (dBμV)
0.173320	58.01	---	64.80	6.79	L1	29.6	28.41	---
0.191977	55.97	---	63.95	7.98	L1	29.6	26.37	---
0.215297	52.91	---	63.00	10.09	L1	29.6	23.31	---
0.233953	50.52	---	62.31	11.79	L1	29.6	20.92	---
0.271266	50.95	---	61.08	10.13	L1	29.6	21.35	---
0.331898	47.41	---	59.40	11.99	L1	29.6	17.81	---
0.541781	---	30.90	46.00	15.10	L1	29.6	---	1.3
0.593086	---	34.13	46.00	11.87	N	29.6	---	4.53
0.691031	---	28.45	46.00	17.55	L1	29.6	---	-1.15
1.092141	---	32.97	46.00	13.03	L1	29.7	---	3.27
1.488586	---	32.32	46.00	13.68	L1	29.7	---	2.62
4.986633	---	30.12	46.00	15.88	L1	29.7	---	0.42

---End of Test Report---