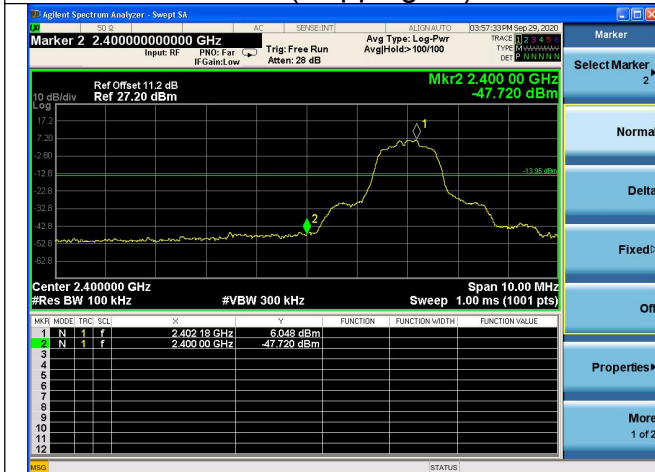


$\pi/4$ DQPSK

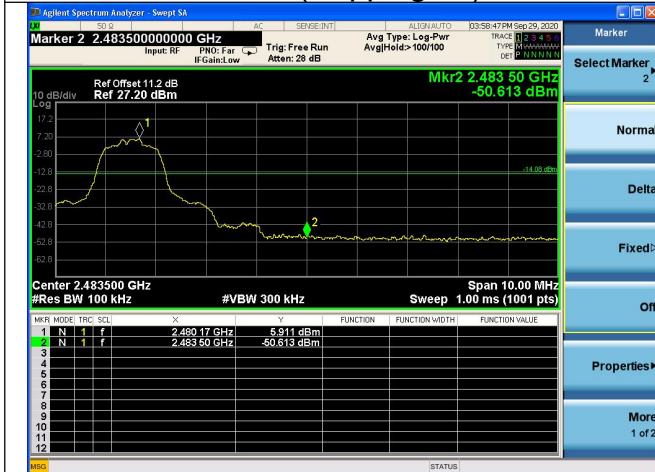
CH0 (Hopping off)



CH0 (Hopping on)



CH78 (Hopping off)

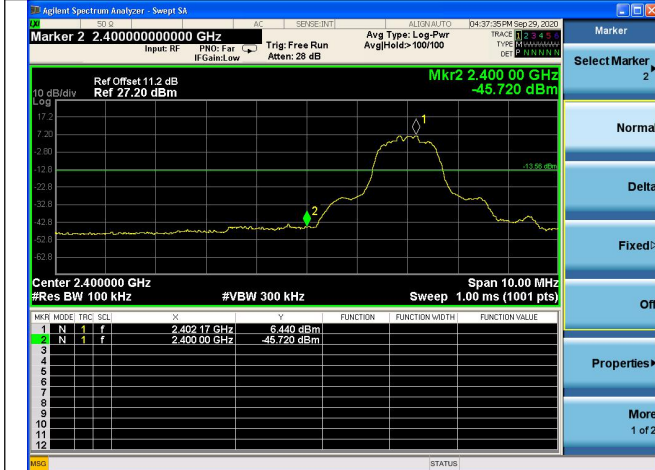


CH78 (Hopping on)



8DPSK

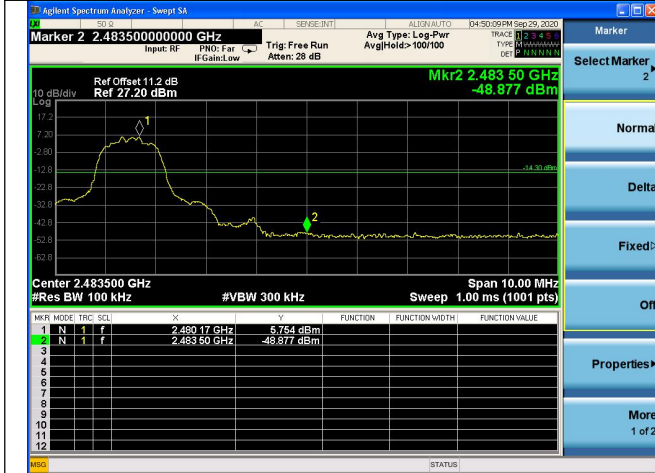
CH0 (Hopping off)



CH0 (Hopping on)



CH78 (Hopping off)



CH78 (Hopping on)



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: (95.13 dBuV/m) = (61.13 dBμV) + (8.90 dB) + (25.10 1/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	95.13	61.13	N/A	N/A	8.90	25.10
2	2390	42.00	8.00	-32.00	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	90.07	56.07	N/A	N/A	8.90	25.10
2	2390	37.75	3.75	-36.25	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	89.86	55.86	N/A	N/A	8.90	25.10
2	2390	29.75	-4.25	-24.25	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	84.19	50.19	N/A	N/A	8.90	25.10
2	2390	28.73	-5.27	-25.27	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	93.59	59.59	N/A	N/A	8.90	25.10
2	2483.5	41.54	7.54	-32.46	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	89.91	55.91	N/A	N/A	8.90	25.10
2	2483.5	38.08	4.08	-35.92	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	89.50	55.50	N/A	N/A	8.90	25.10
2	2483.5	29.38	-4.62	-24.62	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	86.49	52.49	N/A	N/A	8.90	25.10
2	2483.5	30.25	-3.75	-23.75	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	95.39	61.39	N/A	N/A	8.90	25.10
2	2390	42.59	8.59	-31.41	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	89.81	55.81	N/A	N/A	8.90	25.10
2	2390	35.86	1.86	-38.14	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	87.21	53.21	N/A	N/A	8.90	25.10
2	2390	29.73	-4.27	-24.27	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	85.04	51.04	N/A	N/A	8.90	25.10
2	2390	28.82	-5.18	-25.18	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	94.69	60.69	N/A	N/A	8.90	25.10
2	2483.5	40.09	6.09	-33.91	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	88.42	54.42	N/A	N/A	8.90	25.10
2	2483.5	35.66	1.66	-38.34	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	87.56	53.56	N/A	N/A	8.90	25.10
2	2483.5	29.41	-4.59	-24.59	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	86.96	52.96	N/A	N/A	8.90	25.10
2	2483.5	29.44	-4.56	-24.56	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	95.54	61.54	N/A	N/A	8.90	25.10
2	2390	42.01	8.01	-31.99	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	89.21	55.21	N/A	N/A	8.90	25.10
2	2390	38.84	4.84	-35.16	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	87.50	53.50	N/A	N/A	8.90	25.10
2	2390	29.29	-4.71	-24.71	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	84.77	50.77	N/A	N/A	8.90	25.10
2	2390	28.79	-5.21	-25.21	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	93.41	59.41	N/A	N/A	8.90	25.10
2	2483.5	43.32	9.32	-30.68	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	88.36	54.36	N/A	N/A	8.90	25.10
2	2483.5	36.27	2.27	-37.73	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	85.98	51.98	N/A	N/A	8.90	25.10
2	2483.5	30.35	-3.65	-23.65	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	83.46	49.46	N/A	N/A	8.90	25.10
2	2483.5	28.76	-5.24	-25.24	54.00	8.90	25.10

Sample Calculations

Determining Spurious Emissions Levels

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

The measurement results are obtained as described below:

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

Sample calculation: (33.03 dBuV/m) = (52.73 dBuV/m) + (-19.7 dB), the corresponding frequency is 110.713MHz.

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)
110.713	33.03	-19.7	52.73	Vertical	43.50
110.9555	33.21	-19.7	52.91	Vertical	43.50
110.986	33.24	-19.7	52.94	Vertical	43.50
111.009	33.23	-19.7	52.93	Vertical	43.50
111.083	33.21	-19.7	52.91	Vertical	43.50
111.1665	33.25	-19.8	53.05	Vertical	43.50

For $\pi/4$ DQPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
99.849	34	-18.6	52.6	Vertical	43.50
100.0915	34.51	-18.6	53.11	Vertical	43.50
100.237	34.6	-18.6	53.2	Vertical	43.50
114.7205	32.42	-20.1	52.52	Vertical	43.50
117.6305	32.48	-20.4	52.88	Vertical	43.50
117.7735	32.53	-20.4	52.93	Vertical	43.50

For 8DPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
97.3525	32.72	-19.1	51.82	Vertical	43.50
97.4095	32.72	-19.1	51.82	Vertical	43.50
99.8005	33.96	-18.6	52.56	Vertical	43.50
100.043	34.5	-18.6	53.1	Vertical	43.50
100.2455	34.74	-18.6	53.34	Vertical	43.50
114.7095	32.56	-20.1	52.66	Vertical	43.50

For GFSK

Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
103.854	32.79	-19	51.79	Vertical	43.50
103.905	32.79	-19	51.79	Vertical	43.50
104.099	32.8	-19	51.8	Vertical	43.50
104.117	32.79	-19	51.79	Vertical	43.50
104.1195	32.75	-19	51.75	Vertical	43.50
104.196	32.77	-19	51.77	Vertical	43.50

For $\pi/4$ DQPSK

Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
99.849	34.02	-18.6	52.62	Vertical	43.50
99.946	34.22	-18.6	52.82	Vertical	43.50
100.0915	34.49	-18.6	53.09	Vertical	43.50
100.237	34.64	-18.6	53.24	Vertical	43.50
103.7595	32.79	-19	51.79	Vertical	43.50
103.9535	32.75	-19	51.75	Vertical	43.50

For 8DPSK

Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
97.6485	32.62	-19.1	51.72	Vertical	43.50
101.4315	32.33	-18.7	51.03	Vertical	43.50
111.1315	33.06	-19.8	52.86	Vertical	43.50
111.209	33.1	-19.8	52.9	Vertical	43.50
111.2235	33.11	-19.8	52.91	Vertical	43.50
111.226	33.07	-19.8	52.87	Vertical	43.50

For GFSK

Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
100.2855	34.7	-18.6	53.3	Vertical	43.50
100.3365	34.73	-18.6	53.33	Vertical	43.50
100.351	34.74	-18.6	53.34	Vertical	43.50
100.3535	34.77	-18.6	53.37	Vertical	43.50
100.4615	34.59	-18.7	53.29	Vertical	43.50
100.5585	34.51	-18.7	53.21	Vertical	43.50

For $\pi/4$ DQPSK

Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
100.898	33.81	-18.7	52.51	Vertical	43.50
100.995	33.49	-18.7	52.19	Vertical	43.50
101.189	32.94	-18.7	51.64	Vertical	43.50
111.186	33.04	-19.8	52.84	Vertical	43.50
111.2285	33.06	-19.8	52.86	Vertical	43.50
111.249	33.07	-19.8	52.87	Vertical	43.50

For 8DPSK

Channel No.:78

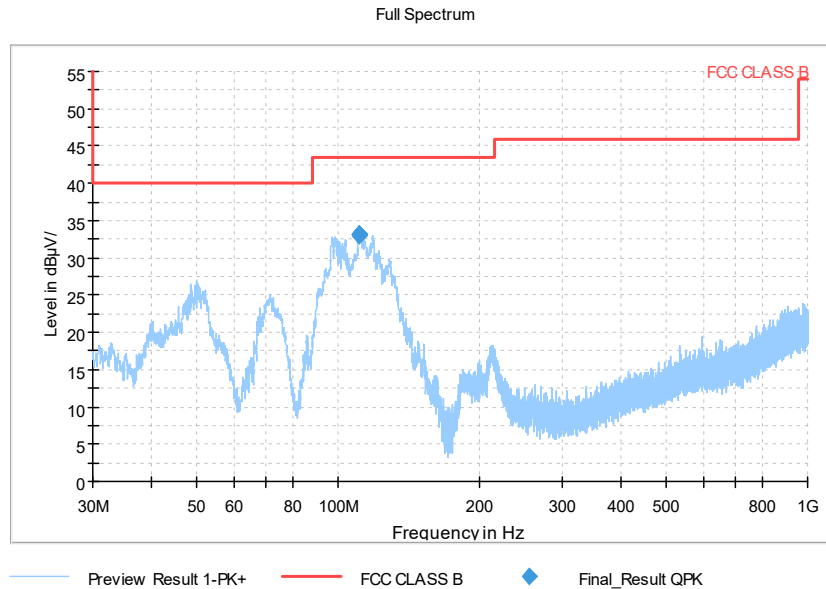
Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
100.231	34.7	-18.6	53.3	Vertical	43.50
100.2505	34.79	-18.6	53.39	Vertical	43.50
100.328	34.74	-18.6	53.34	Vertical	43.50
100.3535	34.73	-18.6	53.33	Vertical	43.50
101.144	32.12	-18.7	50.82	Vertical	43.50
103.2925	32.37	-18.9	51.27	Vertical	43.50

GFSK MODE Channel 39 is selected as the worst point for RSE.

Channel No.:39

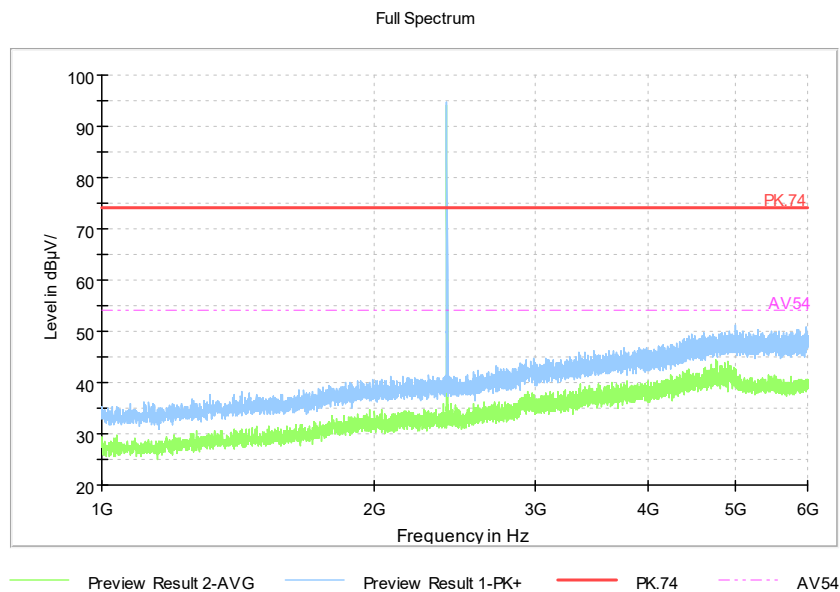
Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
99.7035	33.69	-18.7	52.39	Vertical	43.50
99.849	34.07	-18.6	52.67	Vertical	43.50
99.946	34.31	-18.6	52.91	Vertical	43.50
100.0915	34.58	-18.6	53.18	Vertical	43.50
100.237	34.76	-18.6	53.36	Vertical	43.50
101.286	32.65	-18.7	51.35	Vertical	43.50

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



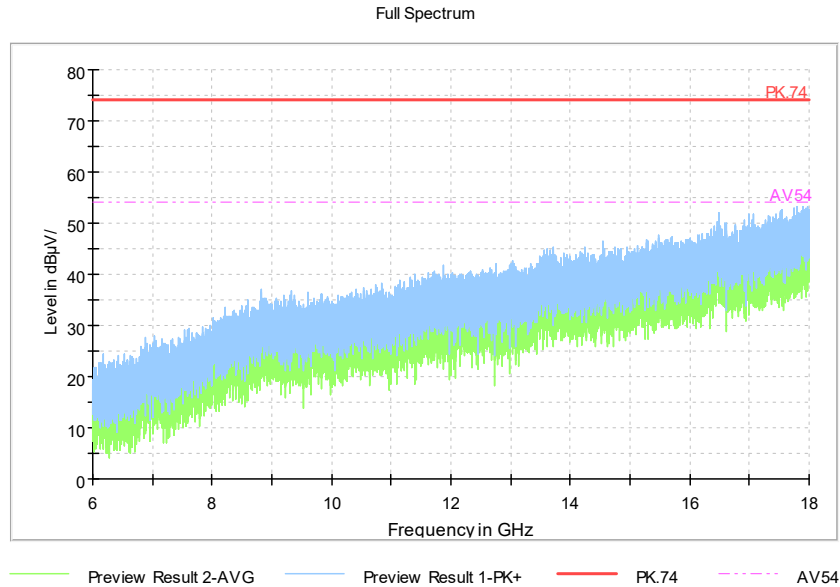
Comment

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



Comment

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



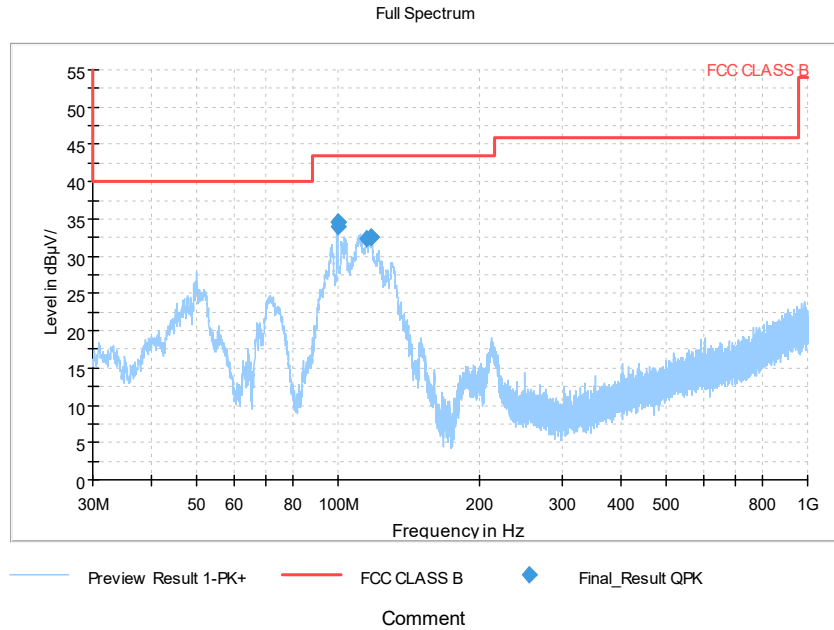
Comment

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

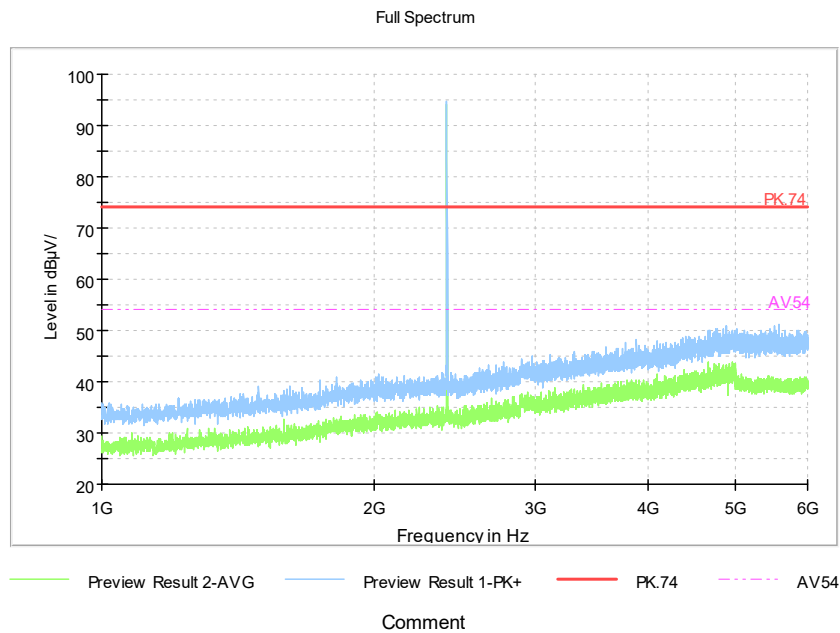


Comment

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

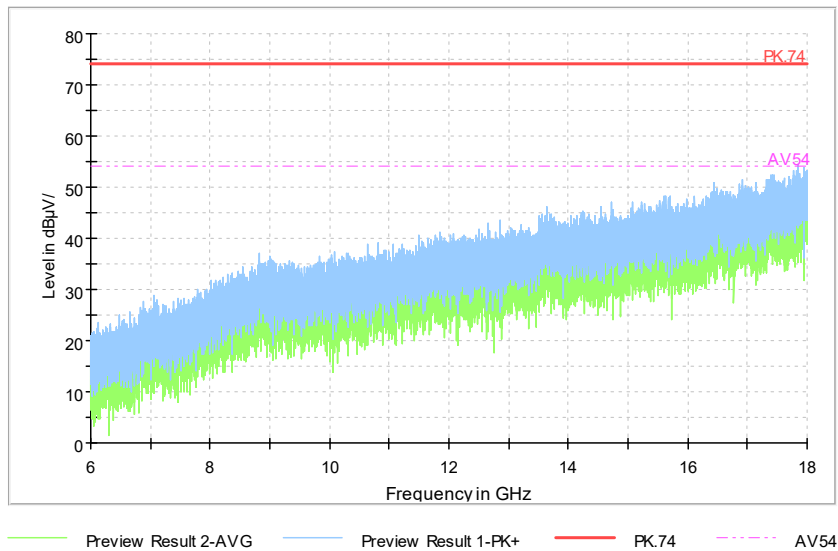


Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK



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

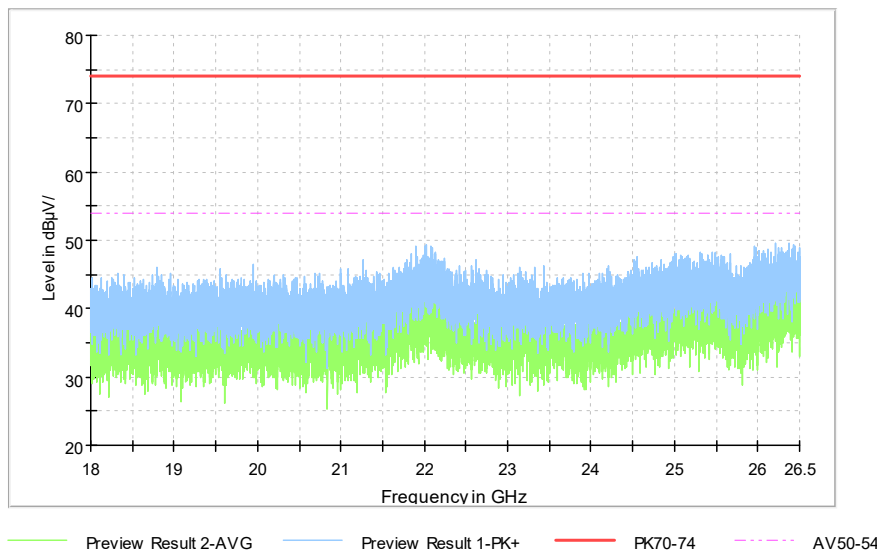
Full Spectrum



Comment

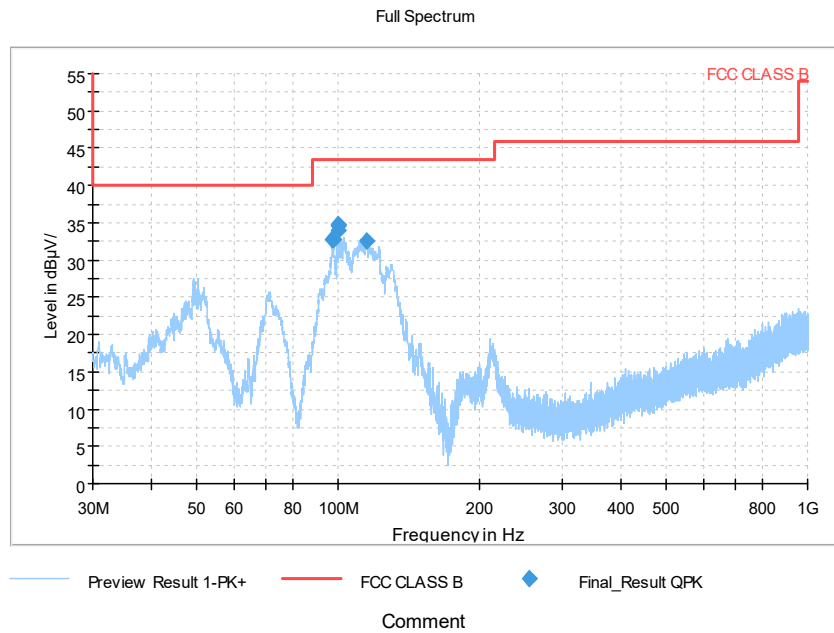
Frequency Range: 6GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum

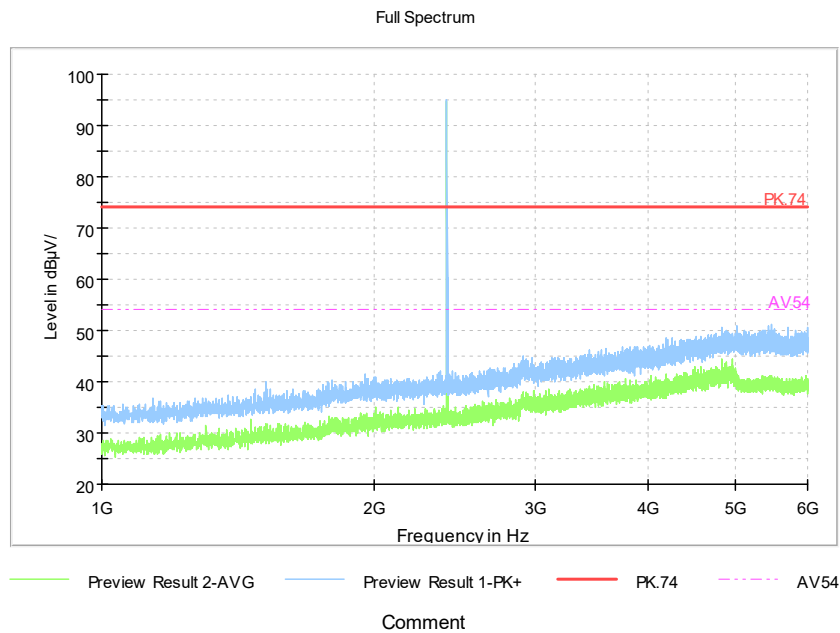


Comment

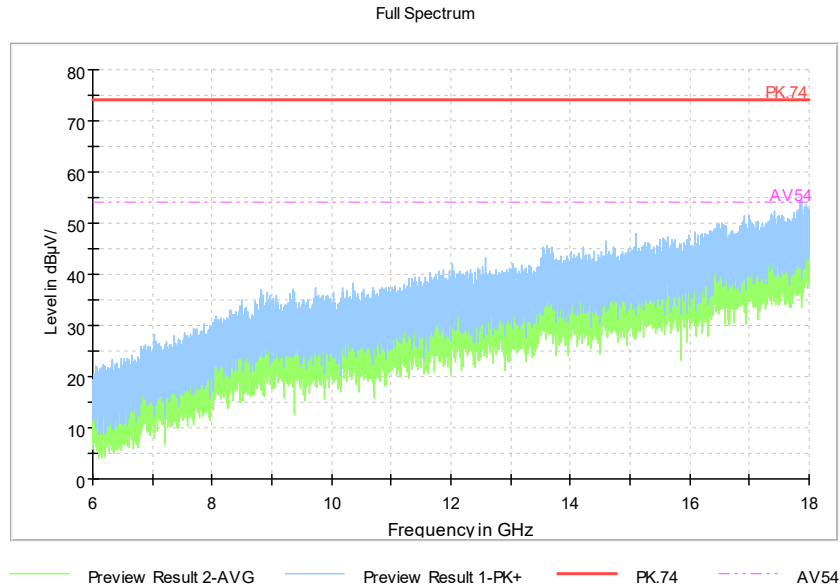
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK



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



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



Comment

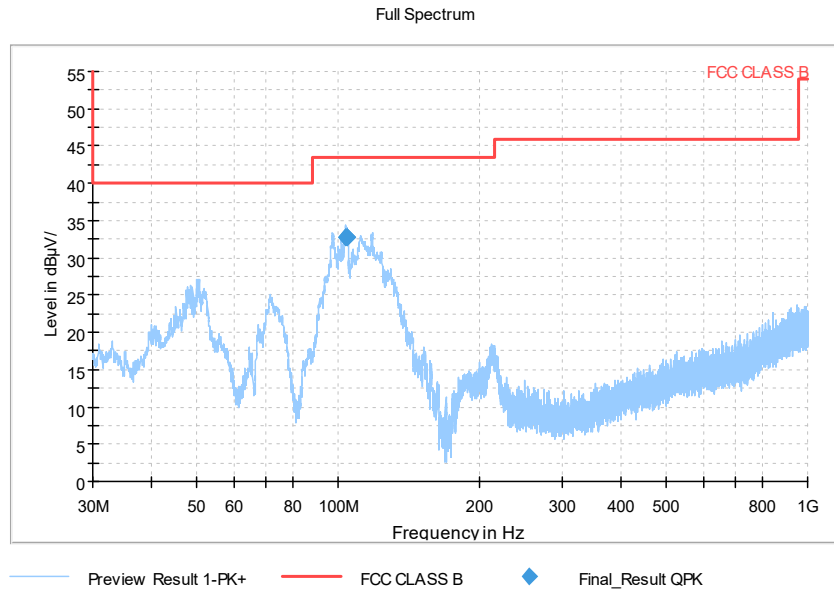
Frequency Range: 6GHz-18GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK



Comment

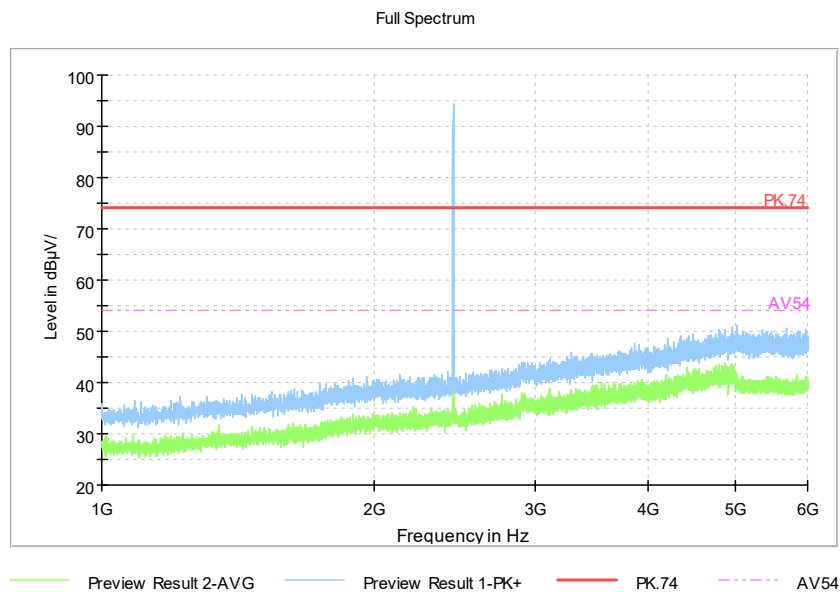
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

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



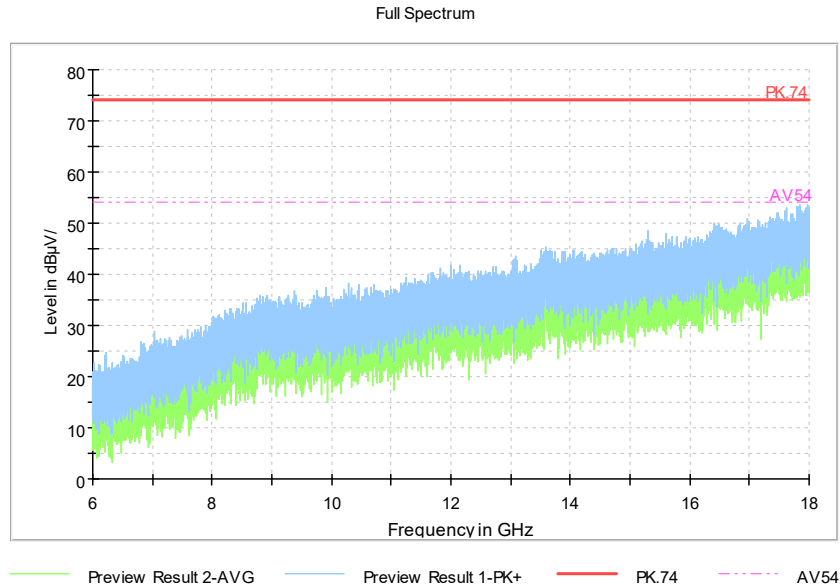
Comment

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



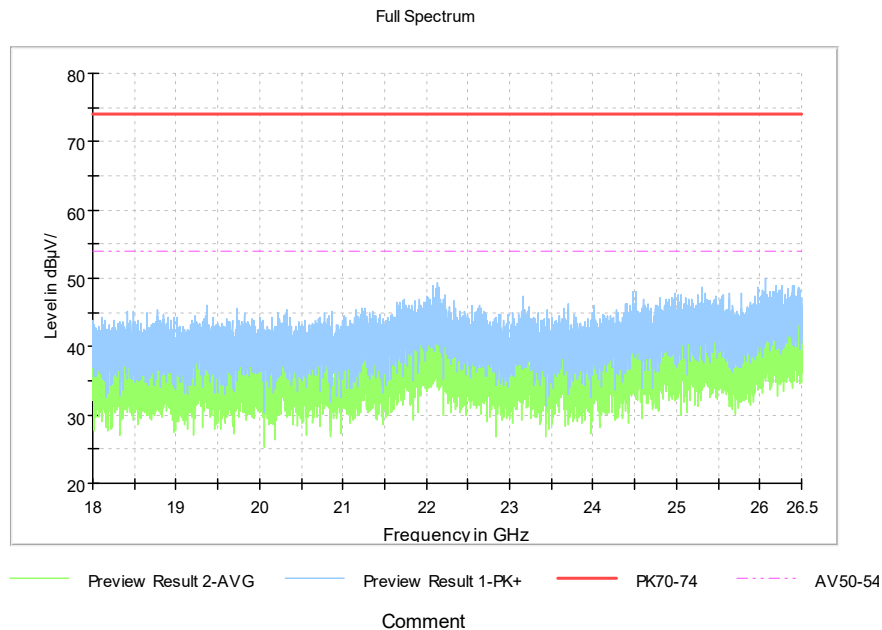
Comment

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



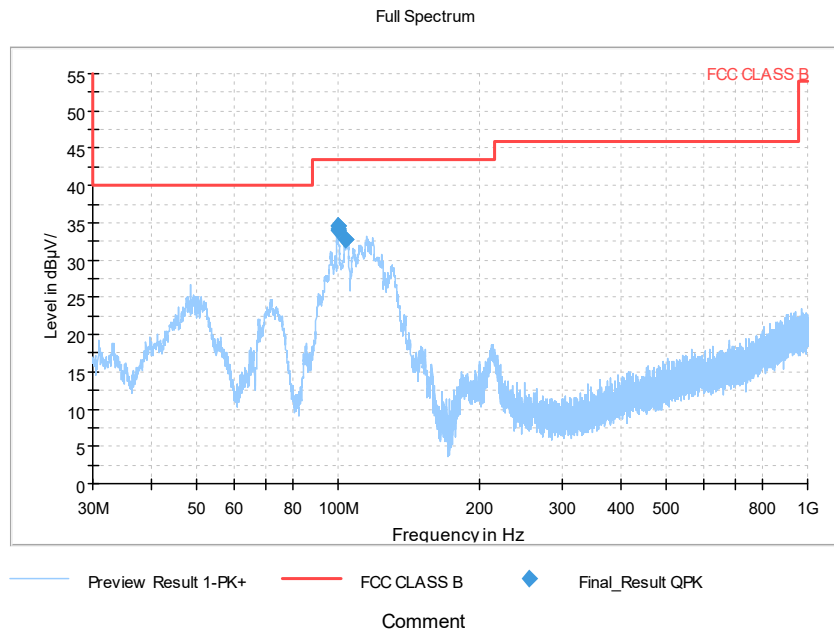
Comment

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

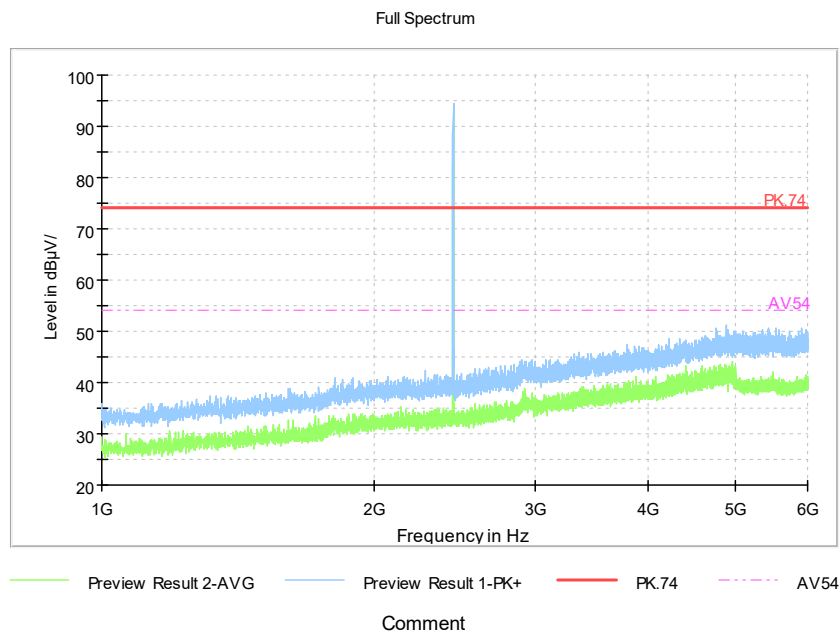


Comment

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

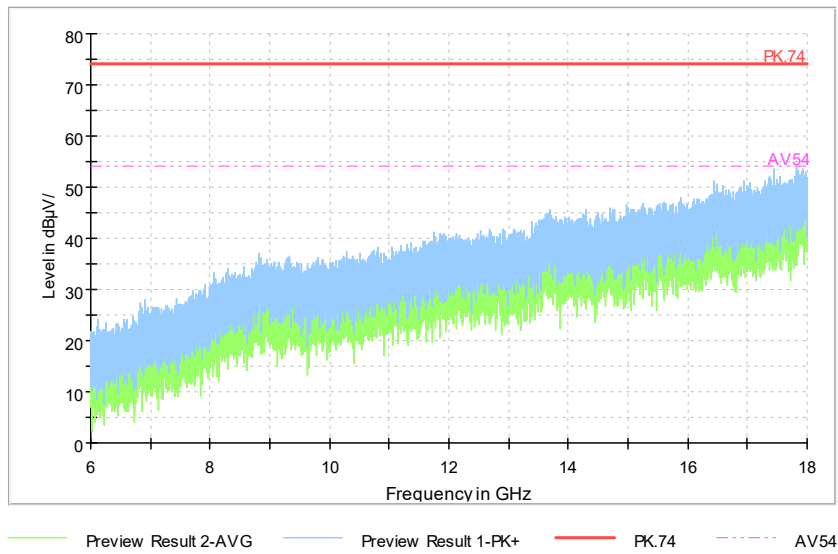


Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK



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

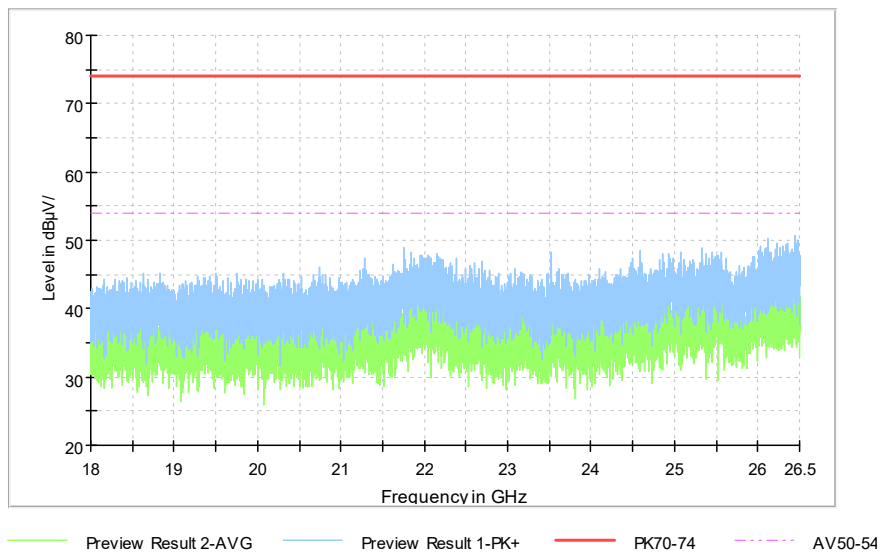
Full Spectrum



Comment

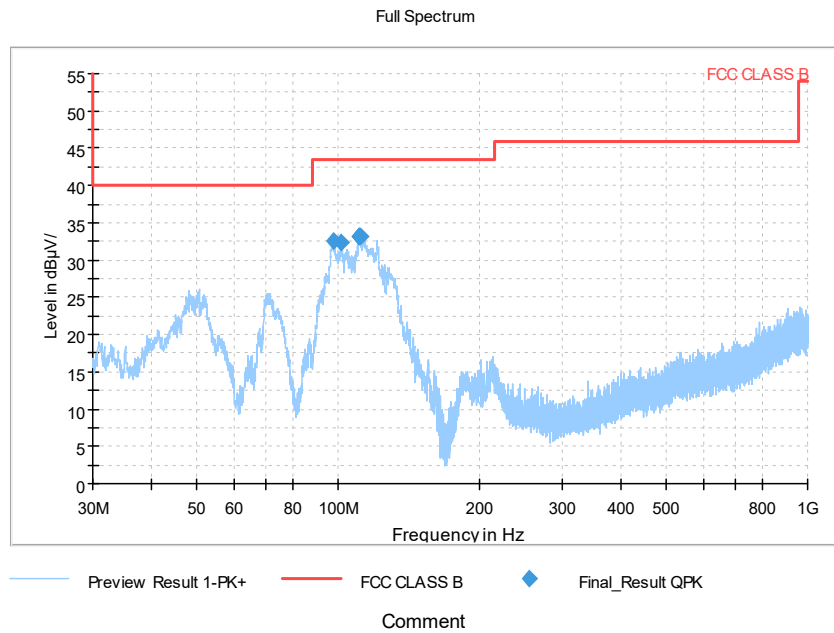
Frequency Range: 6GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum

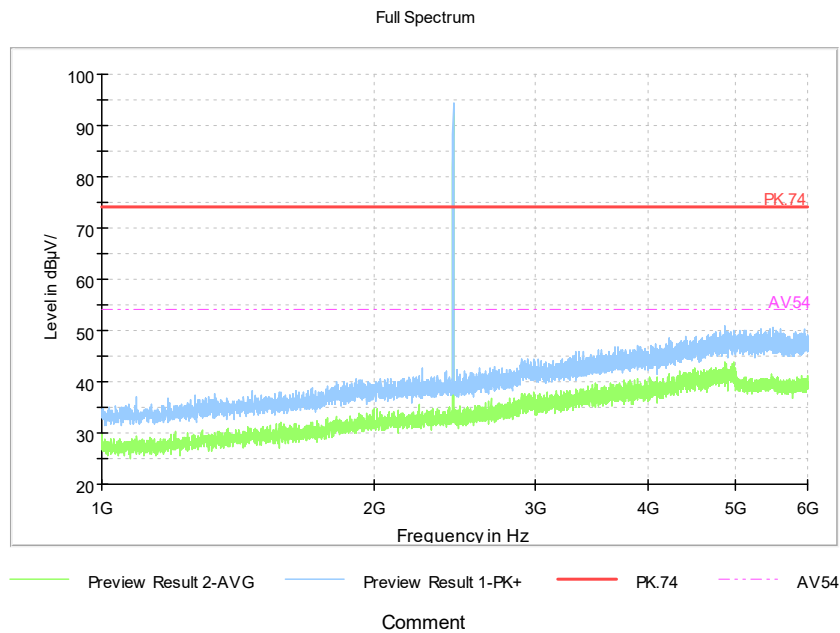


Comment

Frequency Range: 18GHz-26.5GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

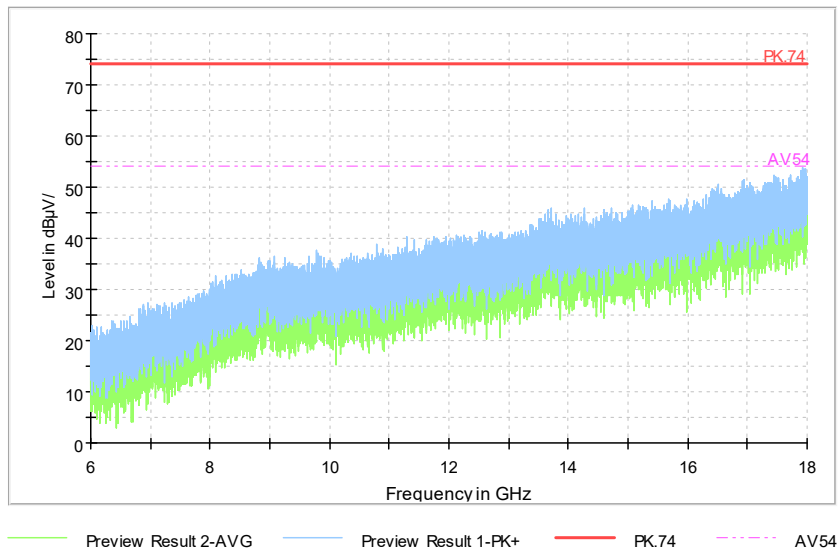


Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK



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

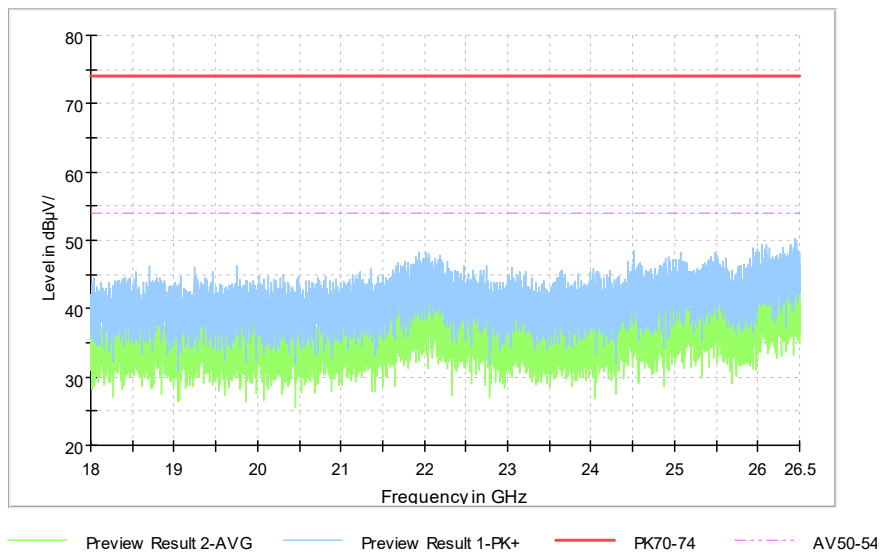
Full Spectrum



Comment

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

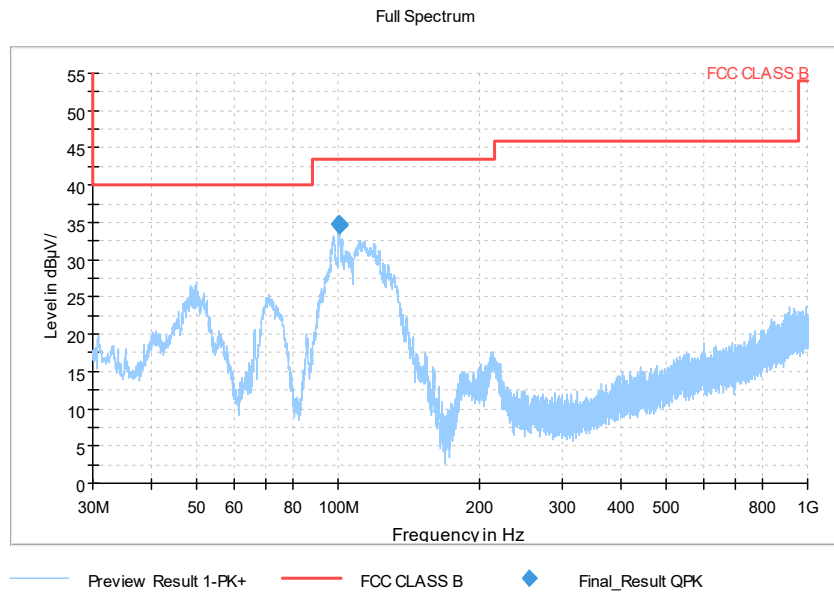
Full Spectrum



Comment

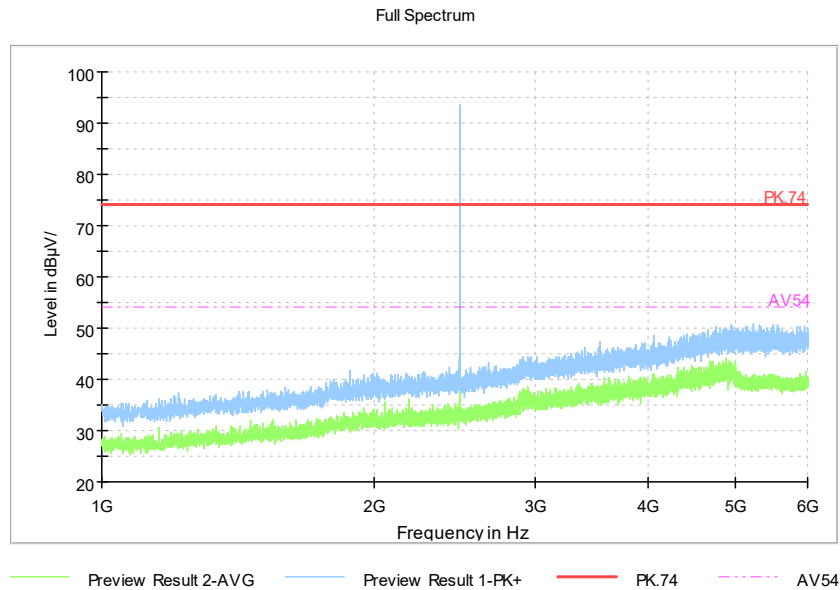
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

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



Comment

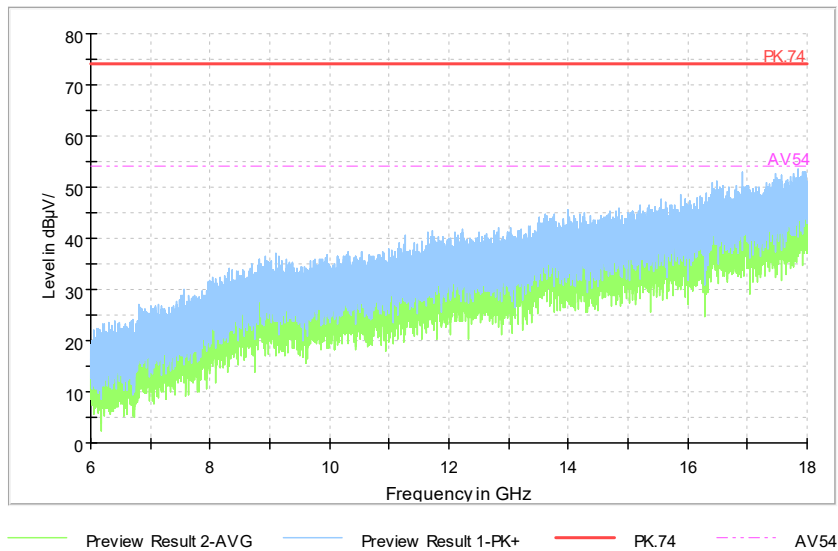
Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK



Comment

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

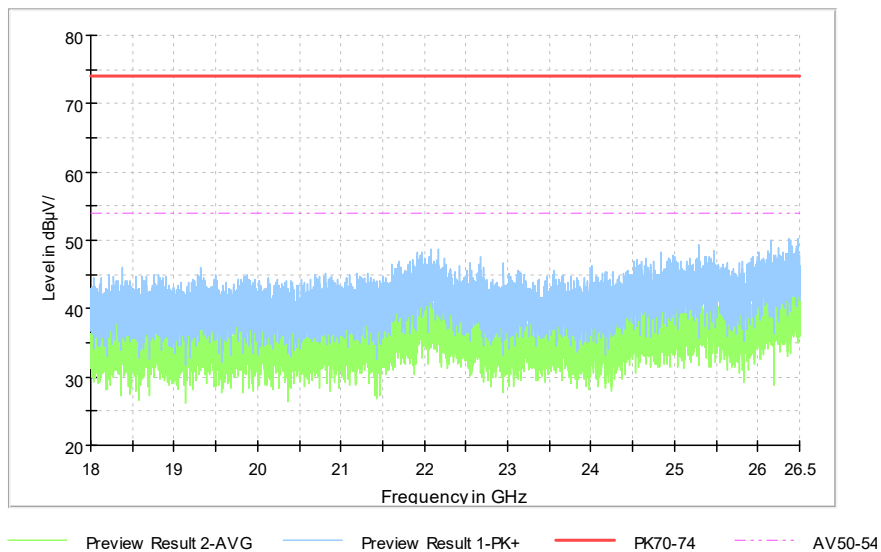
Full Spectrum



Comment

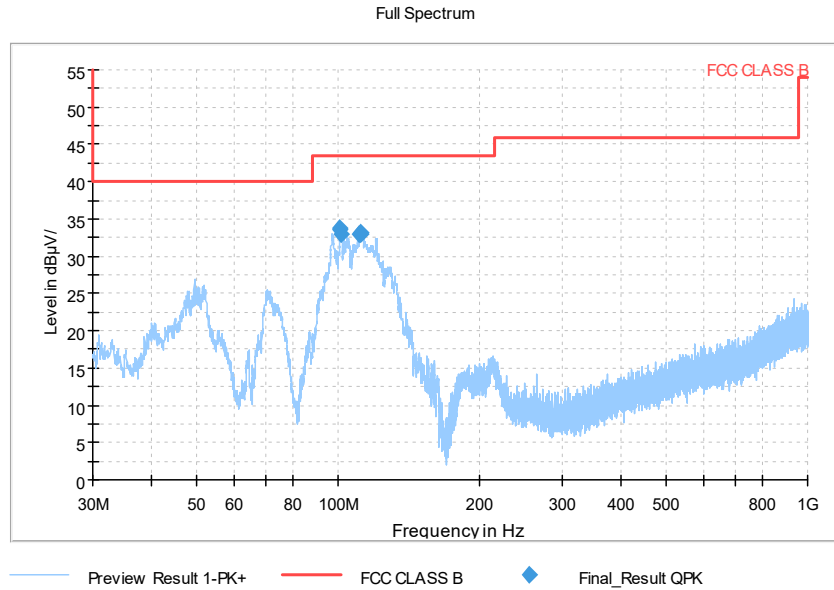
Frequency Range: 6GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



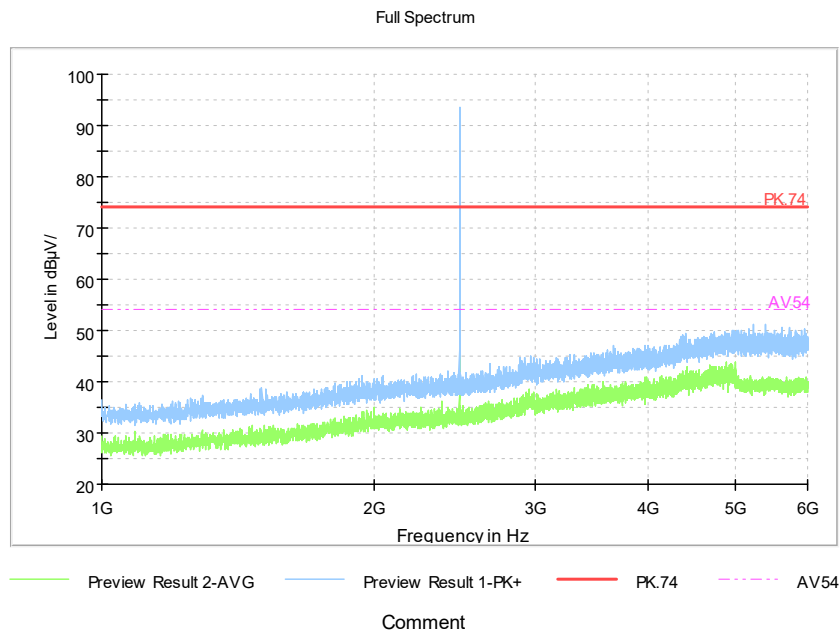
Comment

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



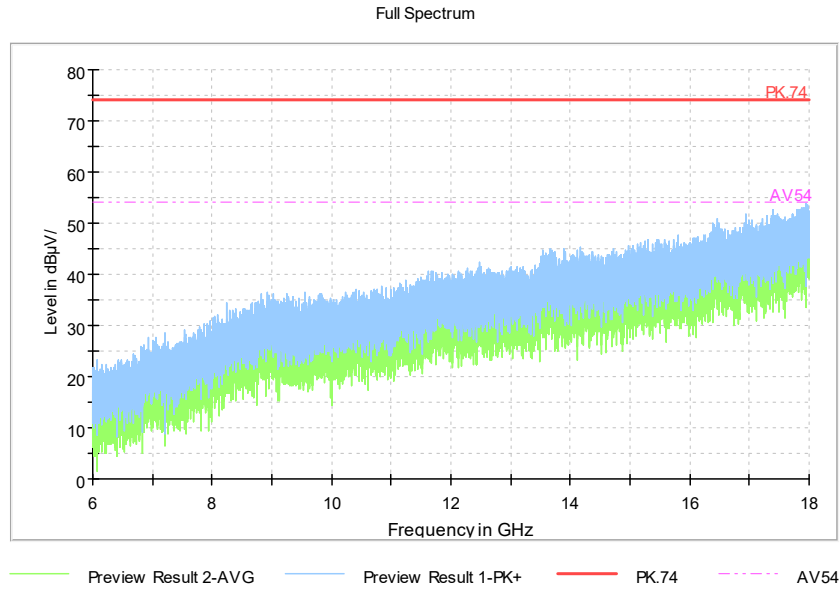
Comment

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



Comment

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



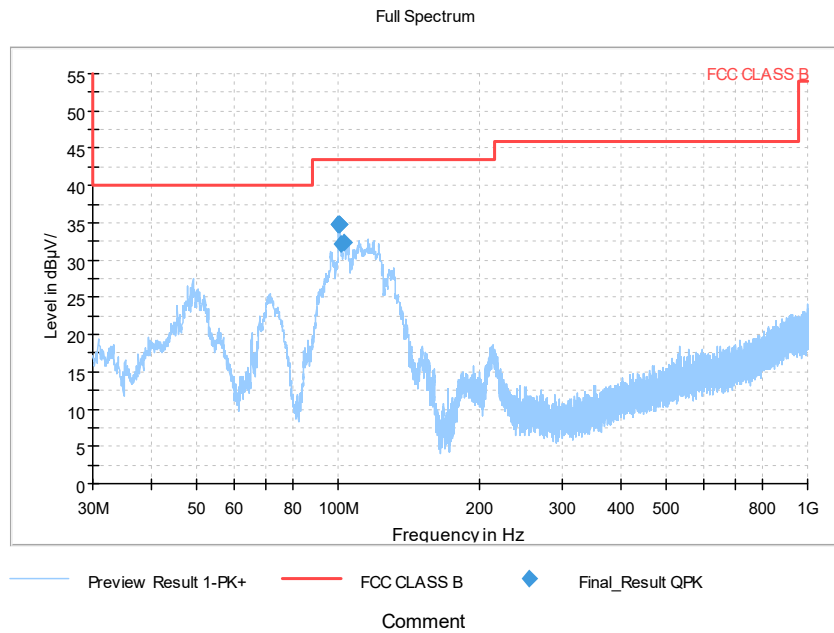
Comment

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

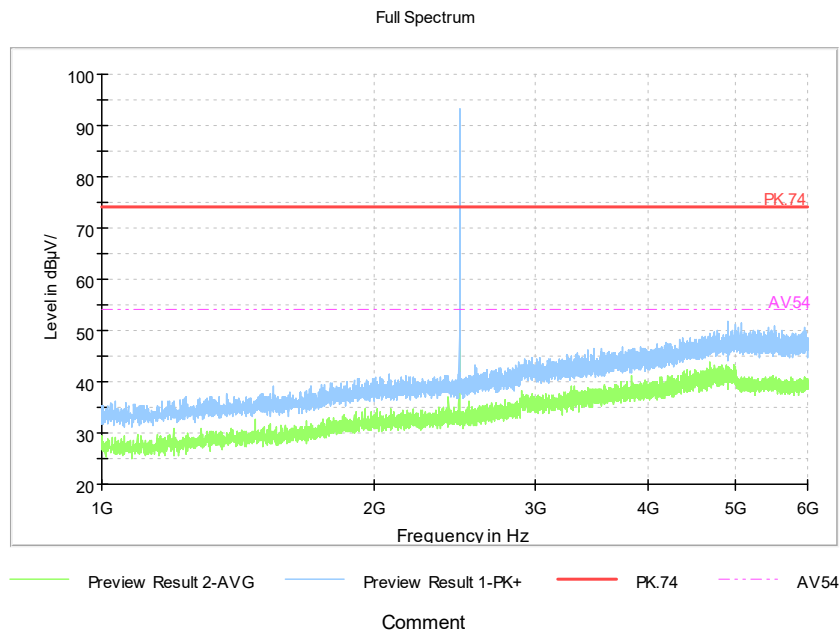


Comment

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

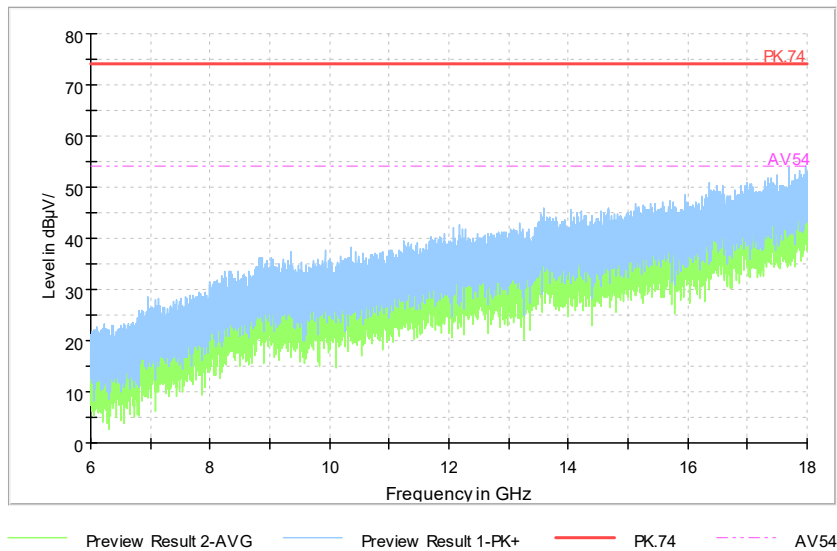


Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK



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

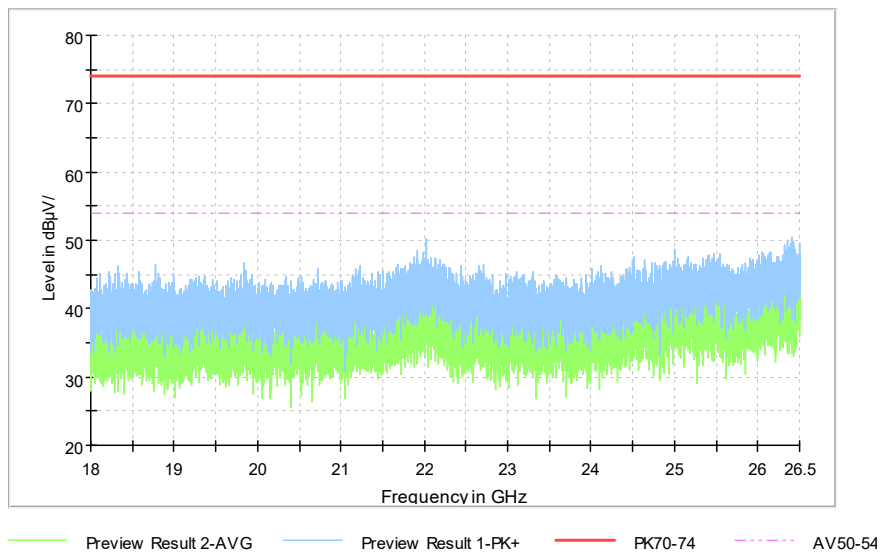
Full Spectrum



Comment

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

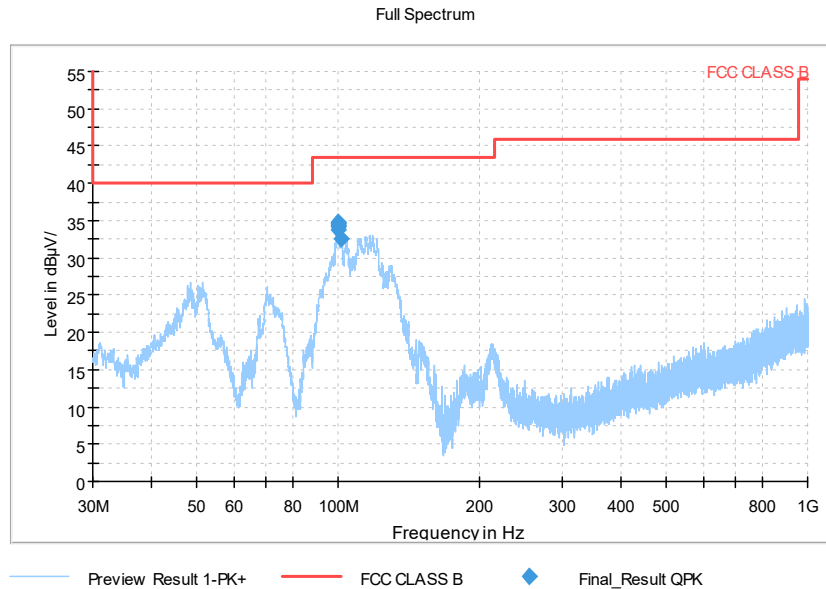
Full Spectrum



Comment

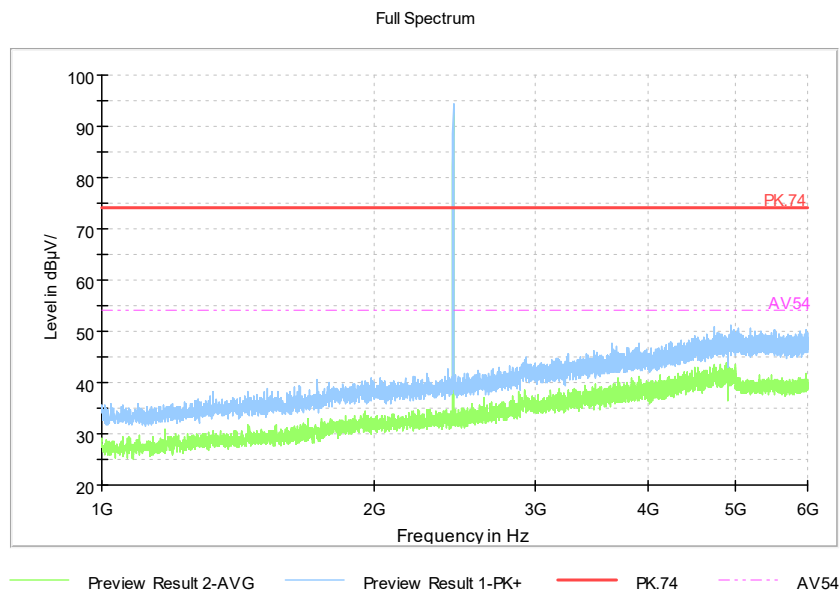
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Carrier frequency (MHz): 2441 for secondary supply
Channel No.:39



Comment

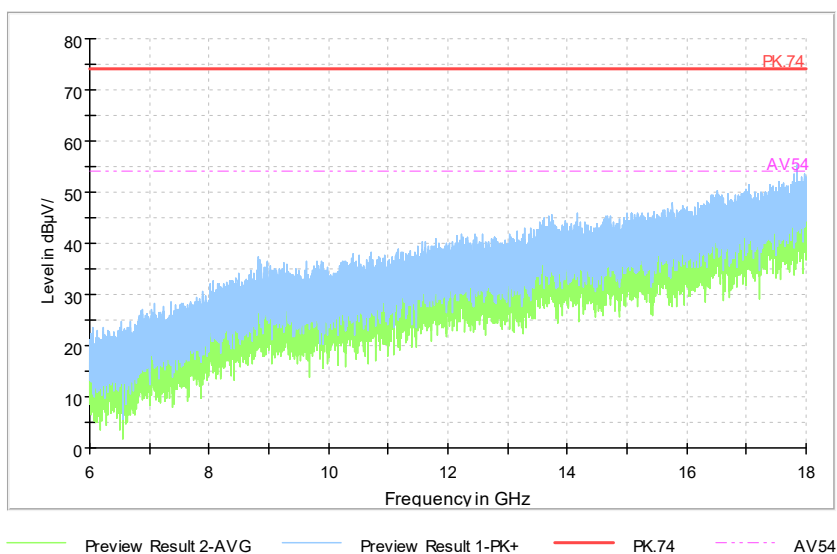
Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK



Comment

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

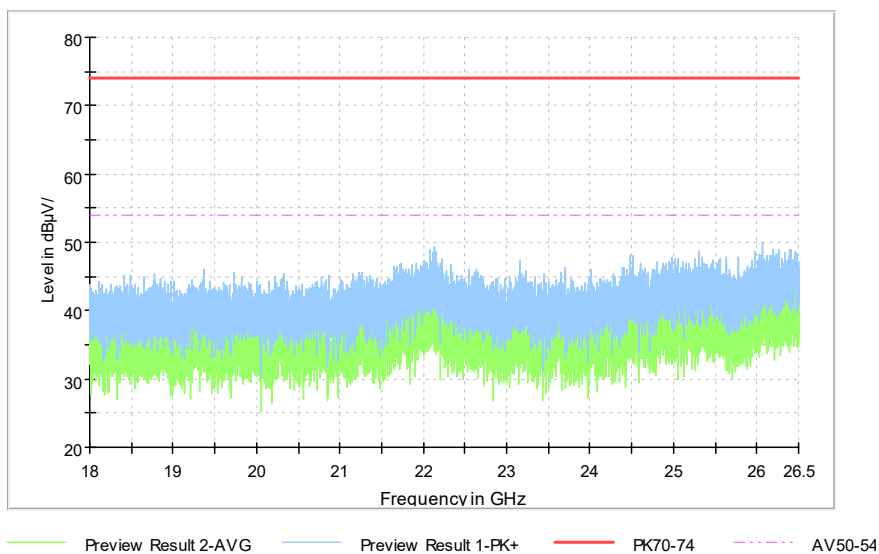
Full Spectrum



Comment

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

Full Spectrum



Comment

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

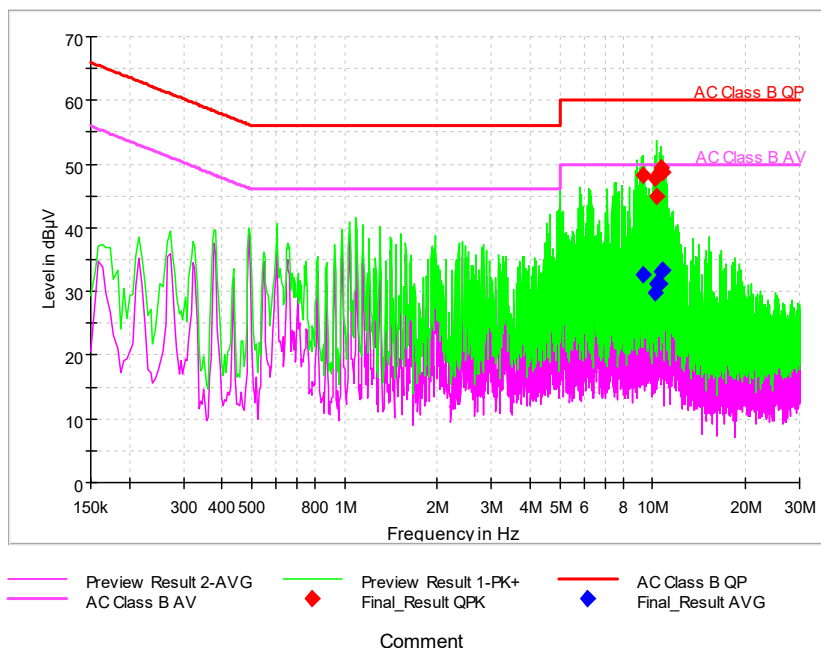
AC Power line Conducted Emission

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: $(32.63 \text{ dB}\mu\text{V}) = (2.93 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$, the corresponding frequency is 9.305555MHz.



L+N Line

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)	Pmea Average (dBμV)
9.305555	---	32.63	50	17.37	L1	29.7	---	2.93
9.305555	48.23	---	60	11.77	L1	29.7	18.53	---
10.135758	---	29.7	50	20.3	L1	29.7	---	0
10.135758	47.72	---	60	12.28	L1	29.7	18.02	---
10.252359	---	31.13	50	18.87	N	29.7	---	1.43
10.252359	44.91	---	60	15.09	L1	29.7	15.21	---
10.499555	48.72	---	60	11.28	L1	29.7	19.02	---
10.499555	---	31.28	50	18.72	N	29.7	---	1.58
10.616156	49.43	---	60	10.57	L1	29.7	19.73	---
10.616156	---	33.16	50	16.84	L1	29.7	---	3.46
10.732758	---	33.35	50	16.65	L1	29.7	---	3.65
10.732758	48.72	---	60	11.28	L1	29.7	19.02	---

---End of Test Report---