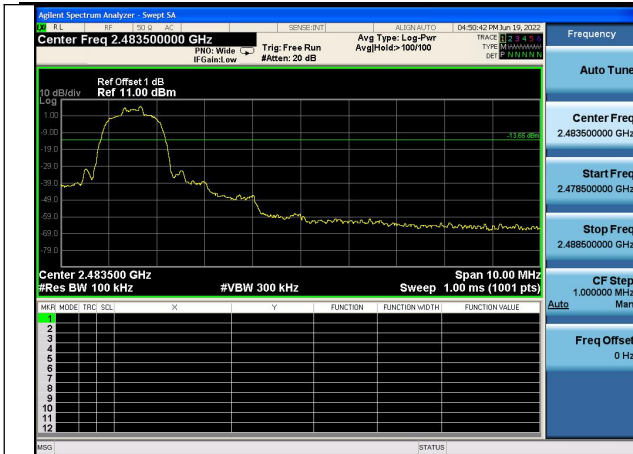


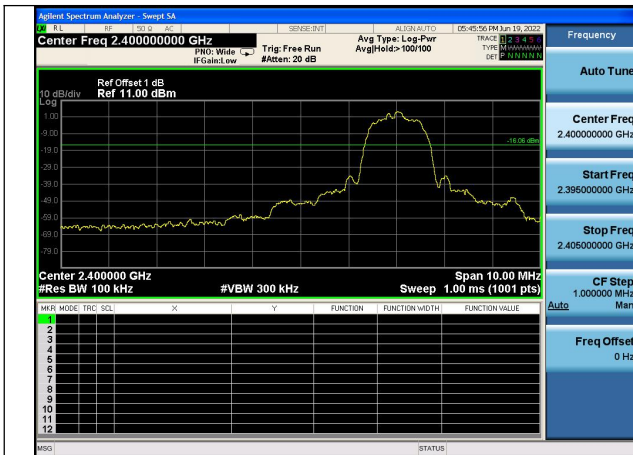


CH78(Hopping off)



CH78(Hopping on)

Test Mode: 8DPSK



CH0(Hopping off)



CH0(Hopping on)



CH78(Hopping off)



CH78(Hopping on)

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emissions Band Edge-BT

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: (92.15 dBuV/m) = (58.15 dBμV) + (8.90 dB) + (25.10 dB/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 (dB/m)
1	2402	92.15	58.15	N/A	N/A	8.90	25.10
2	2390	42.37	8.37	-31.63	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 (dB/m)
1	2402	89.72	55.72	N/A	N/A	8.90	25.10
2	2390	41.88	7.88	-32.12	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 (dB/m)
1	2402	89.32	55.32	N/A	N/A	8.90	25.10
2	2390	33.43	-0.57	-20.57	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 (dB/m)
1	2402	86.59	52.59	N/A	N/A	8.90	25.10
2	2390	32.16	-1.84	-21.84	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 (dB/m)
1	2480	93.70	59.70	N/A	N/A	8.90	25.10
2	2483.5	43.92	9.92	-30.08	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 (dB/m)
1	2480	90.83	56.83	N/A	N/A	8.90	25.10
2	2483.5	43.08	9.08	-30.92	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 (dB/m)
1	2480	89.27	55.27	N/A	N/A	8.90	25.10
2	2483.5	33.01	-0.99	-20.99	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 (dB/m)
1	2480	86.69	52.69	N/A	N/A	8.90	25.10
2	2483.5	31.03	-2.97	-22.97	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 (dB/m)
1	2402	92.06	58.06	N/A	N/A	8.90	25.10
2	2390	43.43	9.43	-30.57	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 (dB/m)
1	2402	89.91	55.91	N/A	N/A	8.90	25.10
2	2390	41.57	7.57	-32.43	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 (dB/m)
1	2402	89.64	55.64	N/A	N/A	8.90	25.10
2	2390	33.67	-0.33	-20.33	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 (dB/m)
1	2402	87.29	53.29	N/A	N/A	8.90	25.10
2	2390	32.71	-1.29	-21.29	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 (dB/m)
1	2480	93.02	59.02	N/A	N/A	8.90	25.10
2	2483.5	43.49	9.49	-30.51	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 (dB/m)
1	2480	90.92	56.92	N/A	N/A	8.90	25.10
2	2483.5	41.97	7.97	-32.03	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 (dB/m)
1	2480	89.07	55.07	N/A	N/A	8.90	25.10
2	2483.5	33.63	-0.37	-20.37	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 (dB/m)
1	2480	86.36	52.36	N/A	N/A	8.90	25.10
2	2483.5	31.67	-2.33	-22.33	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 (dB/m)
1	2402	91.86	57.86	N/A	N/A	8.90	25.10
2	2390	42.97	8.97	-31.03	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 (dB/m)
1	2402	89.03	55.03	N/A	N/A	8.90	25.10
2	2390	41.28	7.28	-32.72	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 (dB/m)
1	2402	89.53	55.53	N/A	N/A	8.90	25.10
2	2390	33.84	-0.16	-20.16	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 (dB/m)
1	2402	86.81	52.81	N/A	N/A	8.90	25.10
2	2390	33.66	-0.34	-20.34	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 (dB/m)
1	2480	92.96	58.96	N/A	N/A	8.90	25.10
2	2483.5	43.70	9.70	-30.30	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 (dB/m)
1	2480	90.29	56.29	N/A	N/A	8.90	25.10
2	2483.5	41.91	7.91	-32.09	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 (dB/m)
1	2480	88.58	54.58	N/A	N/A	8.90	25.10
2	2483.5	33.69	-0.31	-20.31	54.00	8.90	25.10

Carrier frequency (MHz): 2480

Channel No.:78

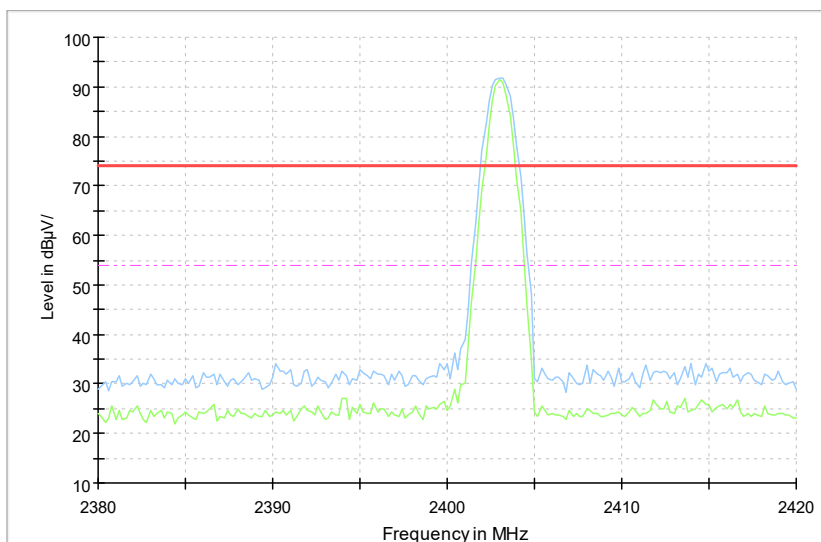
Test Mode: 8DPSK

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 (dB/m)
1	2480	85.73	51.73	N/A	N/A	8.90	25.10
2	2483.5	32.64	-1.36	-21.36	54.00	8.90	25.10

Full Spectrum



Comment

Radiated Emission Band Edge for 2402MHz

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: (27.08 dBμV/m) = (46.58 dBμV) + (-19.5dB/m), the corresponding frequency is 36.402000MHz.

The worst case attitude: The mobile lay down.

For GFSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
36.402000	27.08	-19.5	46.58	Vertical	40.00
78.306000	21.10	-24.1	45.20	Vertical	40.00
136.263500	26.21	-22.6	48.81	Vertical	43.50
193.493500	16.26	-19.5	35.76	Vertical	43.50
549.047000	14.72	-9.7	24.42	Vertical	46.00
934.719000	15.72	-2.8	18.52	Vertical	46.00

For π/4DQPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
35.723000	28.50	-19.7	48.20	Vertical	40.00
72.340500	21.37	-22.6	43.97	Vertical	40.00
138.591500	25.24	-22.7	47.94	Vertical	43.50
192.863000	16.90	-19.5	36.40	Vertical	43.50
540.511000	14.84	-9.9	24.74	Vertical	46.00
923.273000	15.63	-3.0	18.63	Vertical	46.00

For 8DPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
35.820000	28.25	-19.7	47.95	Vertical	40.00
72.437500	21.74	-22.7	44.44	Vertical	40.00
137.136500	25.74	-22.7	48.44	Vertical	43.50
192.232500	16.77	-19.5	36.27	Vertical	43.50
543.615000	14.73	-9.8	24.53	Vertical	46.00
929.044500	15.64	-2.9	18.54	Vertical	46.00

For GFSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
30.388000	26.73	-21.1	47.83	Vertical	40.00
72.728500	22.01	-22.7	44.71	Vertical	40.00
137.039500	25.43	-22.7	48.13	Vertical	43.50
193.687500	16.61	-19.5	36.11	Vertical	43.50
540.171500	14.51	-9.9	24.41	Vertical	46.00
947.377500	15.74	-2.8	18.54	Vertical	46.00

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

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
34.704500	27.05	-20.0	47.05	Vertical	40.00
72.922500	21.97	-22.8	44.77	Vertical	40.00
137.185000	25.04	-22.7	47.74	Vertical	43.50
190.826000	16.53	-19.6	36.13	Vertical	43.50
542.548000	14.58	-9.9	24.48	Vertical	46.00
952.130500	15.81	-2.7	18.51	Vertical	46.00

For 8DPSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
35.238000	29.01	-19.9	48.91	Vertical	40.00
72.534500	22.13	-22.7	44.83	Vertical	40.00
138.397500	24.71	-22.7	47.41	Vertical	43.50
191.747500	16.70	-19.5	36.20	Vertical	43.50
542.305500	14.34	-9.9	24.24	Vertical	46.00
957.659500	15.87	-2.6	18.47	Vertical	46.00

For GFSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
34.995500	28.41	-19.9	48.31	Vertical	40.00
72.243500	22.06	-22.6	44.66	Vertical	40.00
137.330500	24.87	-22.7	47.57	Vertical	43.50
193.736000	16.76	-19.5	36.26	Vertical	43.50
545.215500	13.70	-9.8	23.50	Vertical	46.00
940.393500	15.78	-2.8	18.58	Vertical	46.00

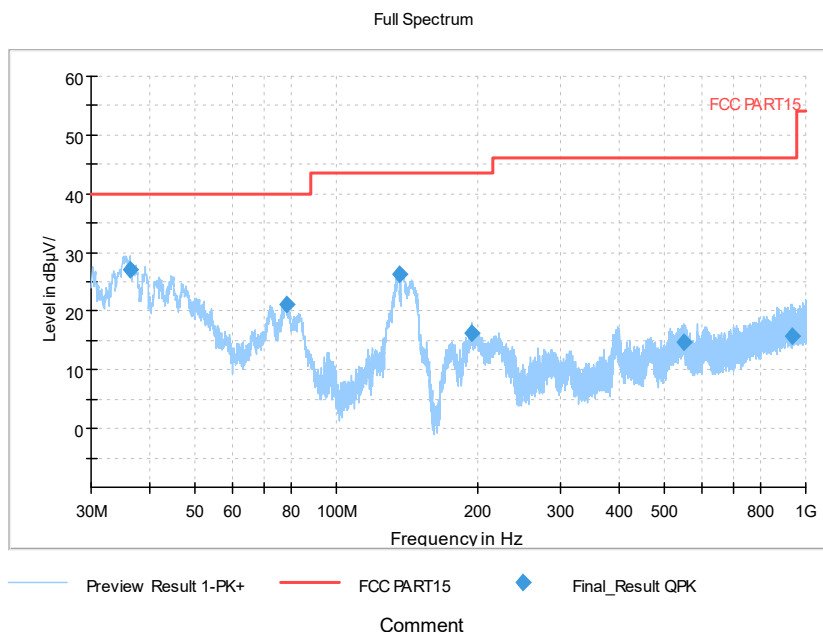
For $\pi/4$ DQPSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
35.141000	28.79	-19.9	48.69	Vertical	40.00
72.049500	21.82	-22.6	44.42	Vertical	40.00
137.912500	24.74	-22.7	47.44	Vertical	43.50
193.687500	16.66	-19.5	36.16	Vertical	43.50
537.892000	14.00	-9.9	23.90	Vertical	46.00
892.766500	15.48	-3.4	18.88	Vertical	46.00

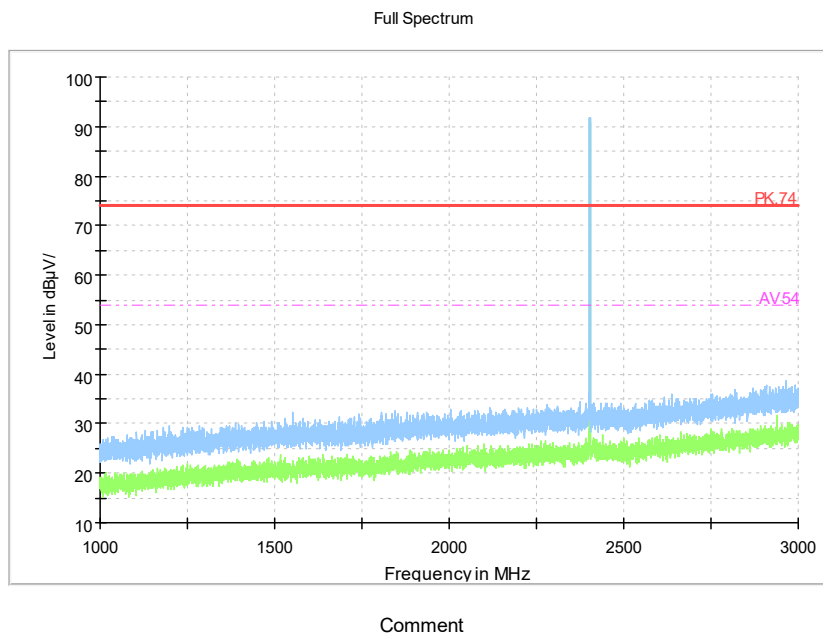
For 8DPSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
37.372000	26.11	-19.3	45.41	Vertical	40.00
72.486000	22.24	-22.7	44.94	Vertical	40.00
135.924000	24.39	-22.6	46.99	Vertical	43.50
191.553500	17.11	-19.5	36.61	Vertical	43.50
532.266000	13.24	-10.1	23.34	Vertical	46.00
871.329500	15.23	-3.8	19.03	Vertical	46.00

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

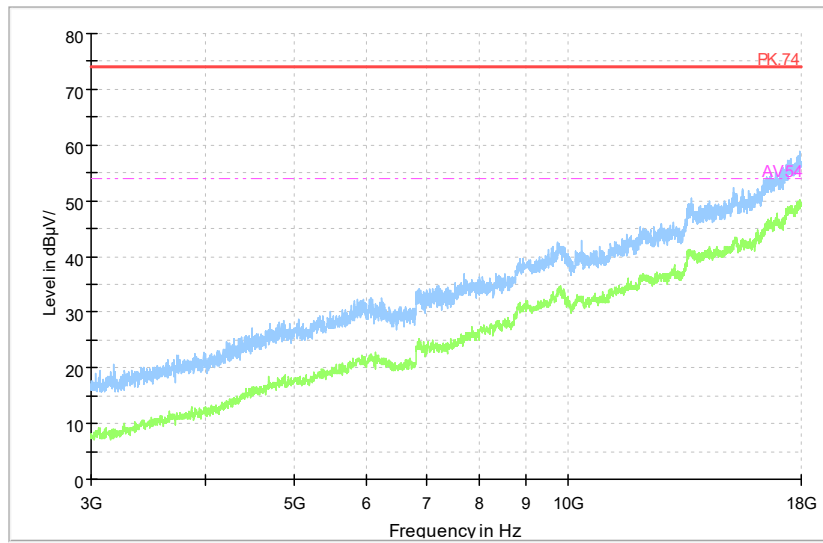


Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK



Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: GFSK

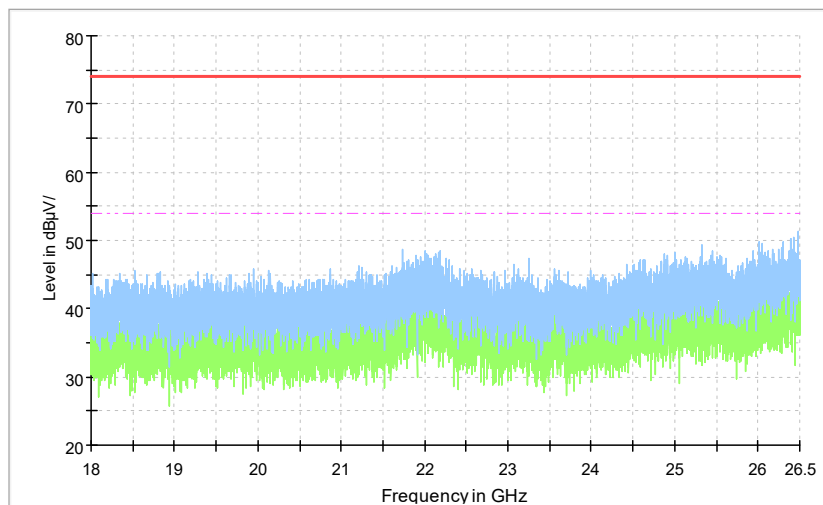
Full Spectrum



Comment

Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum

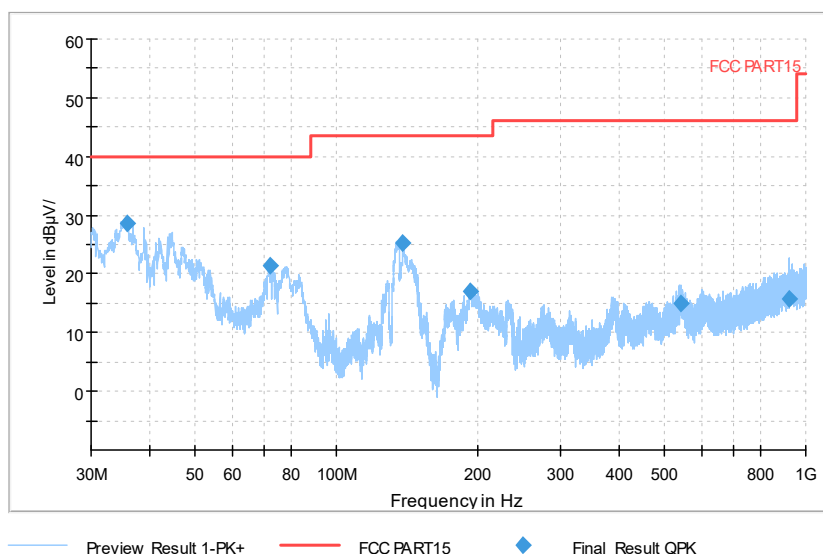


Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

Comment

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

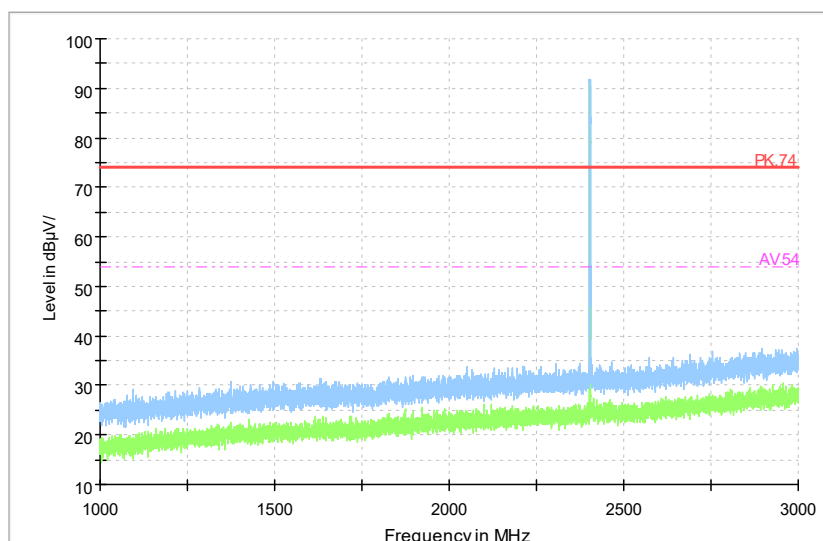
Full Spectrum



Comment

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

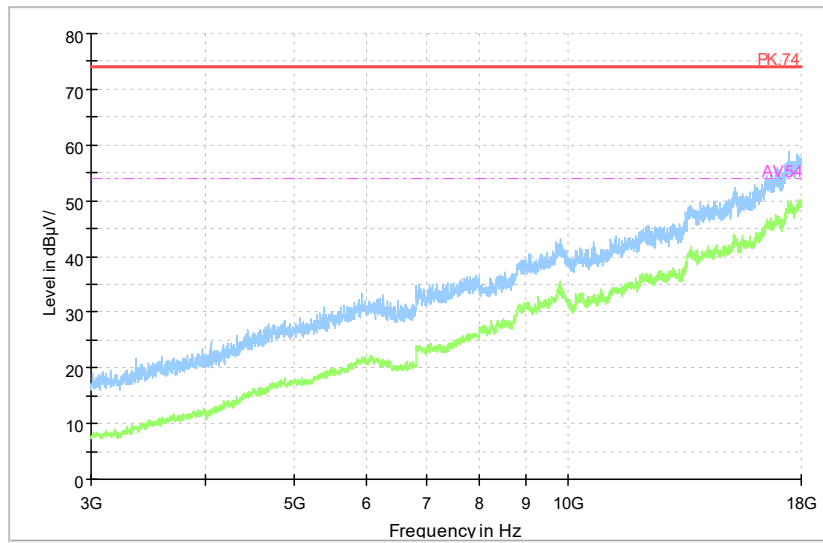
Full Spectrum



Comment

Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

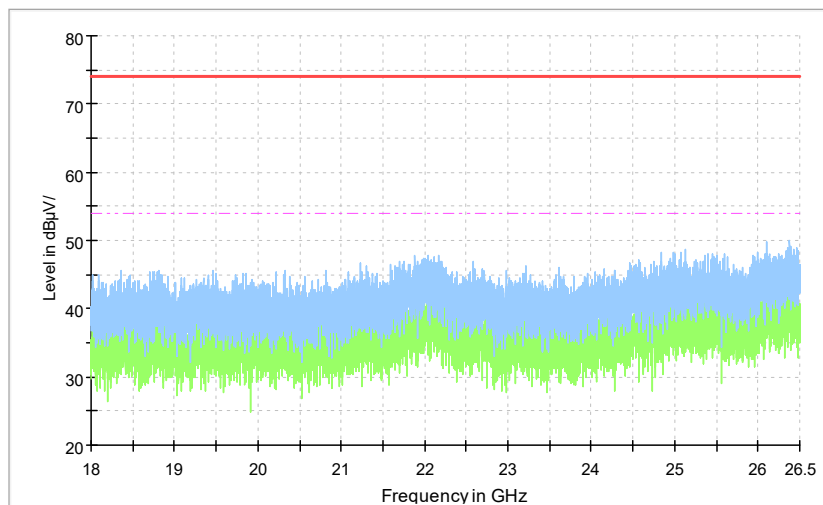
Full Spectrum



Comment

Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

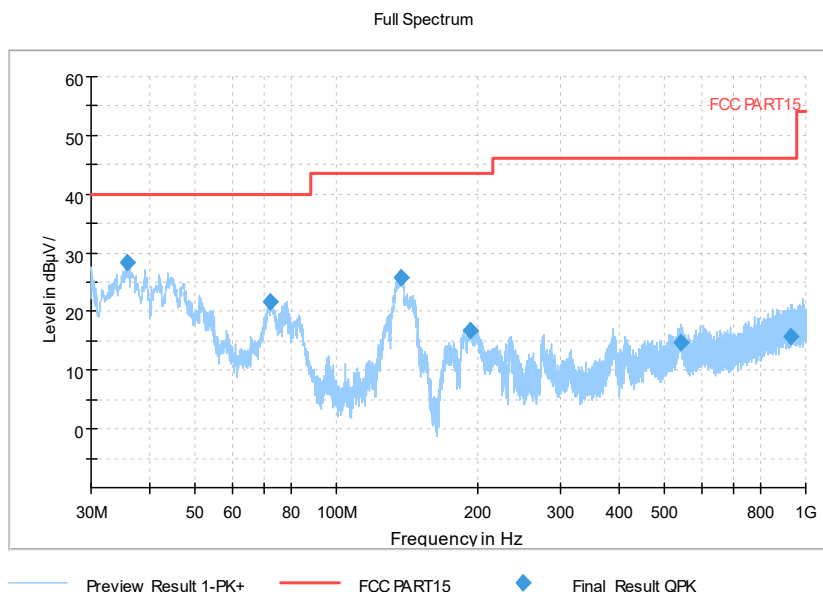
Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

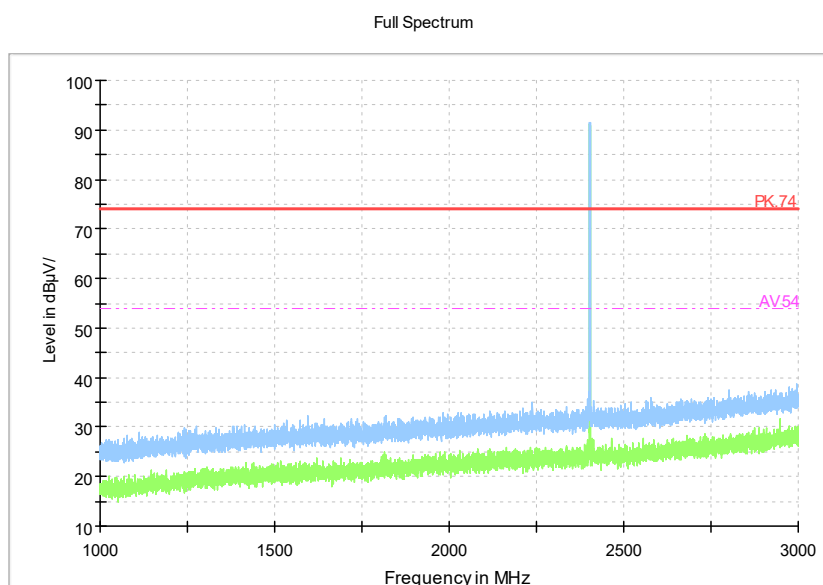
Comment

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



Comment

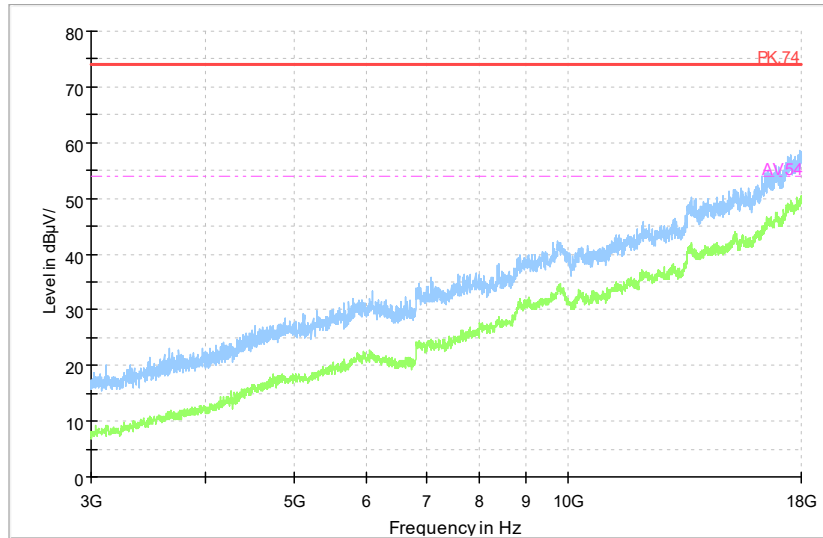
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK



Comment

Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

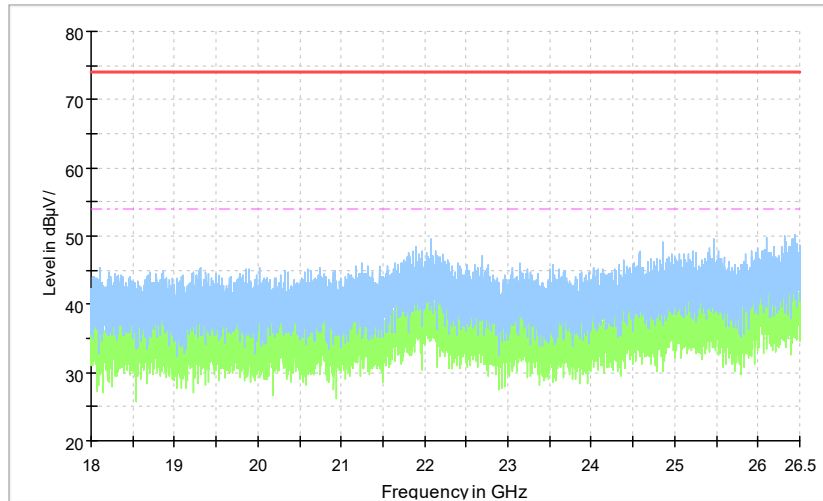
Full Spectrum



Comment

Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum

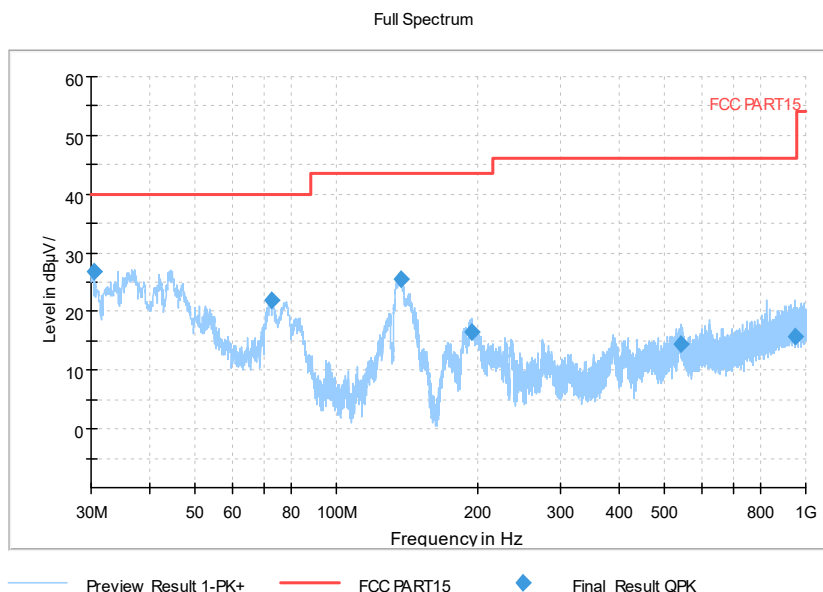


Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

Comment

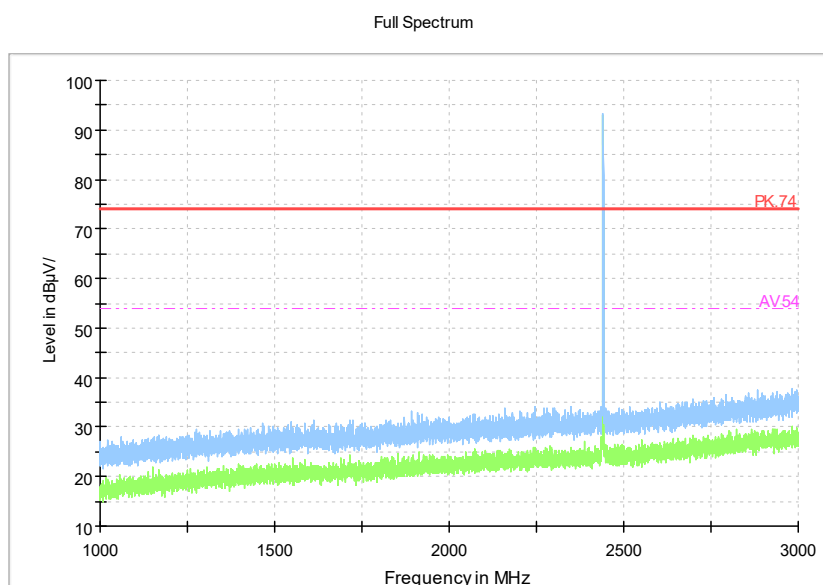
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

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



Comment

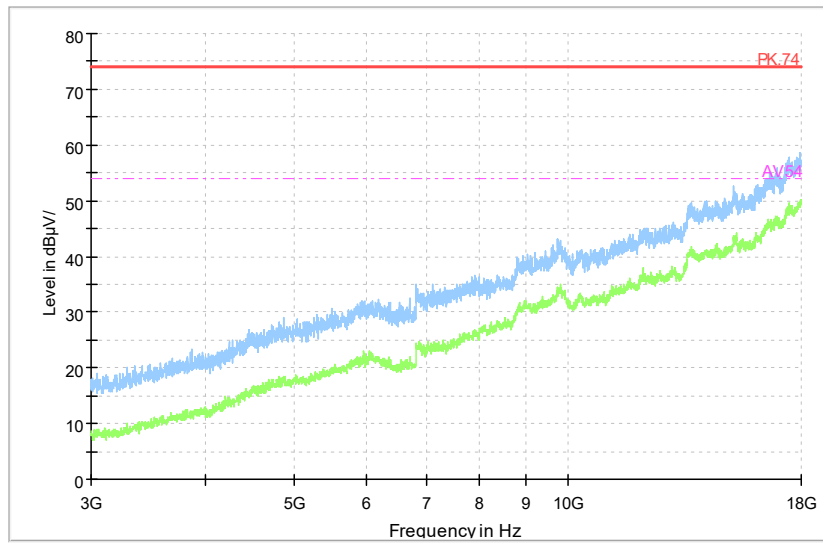
Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK



Comment

Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: GFSK

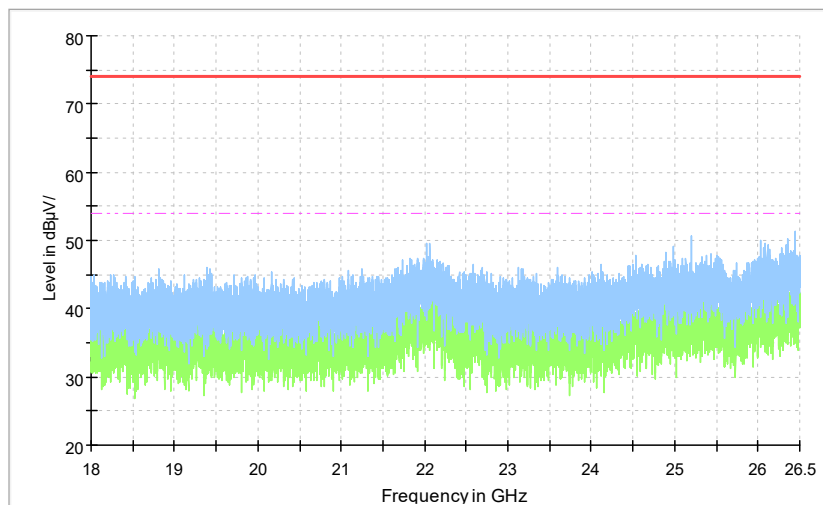
Full Spectrum



Comment

Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: GFSK

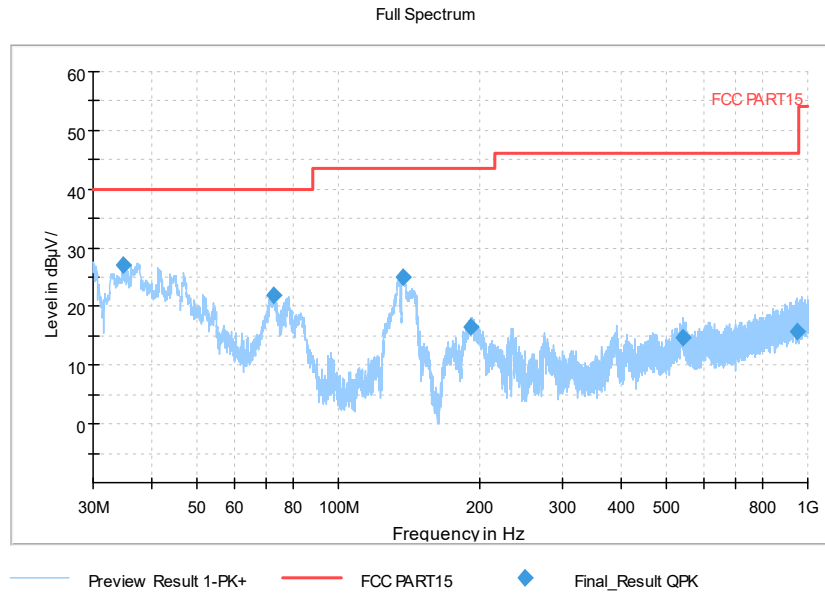
Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

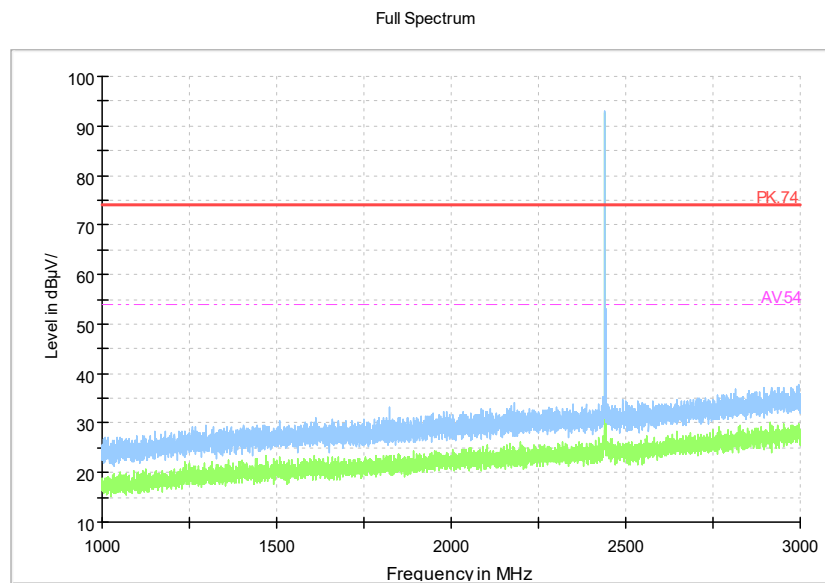
Comment

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



Comment

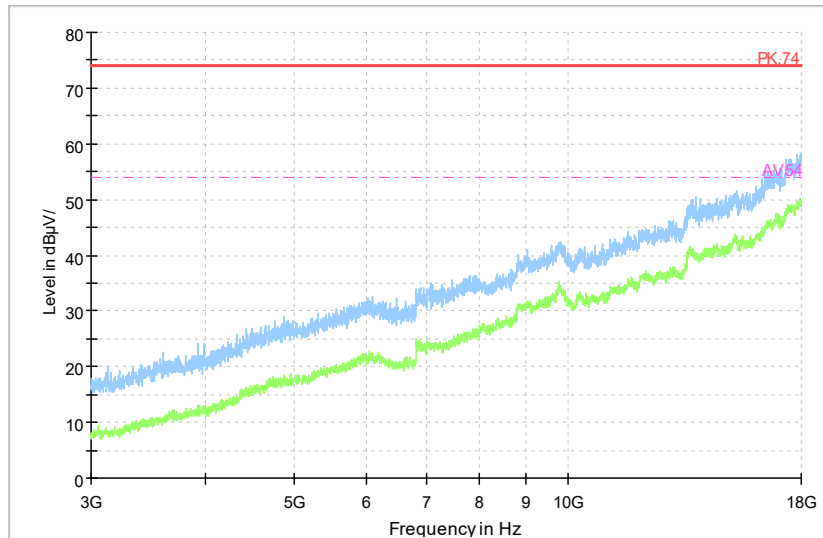
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK



Comment

Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

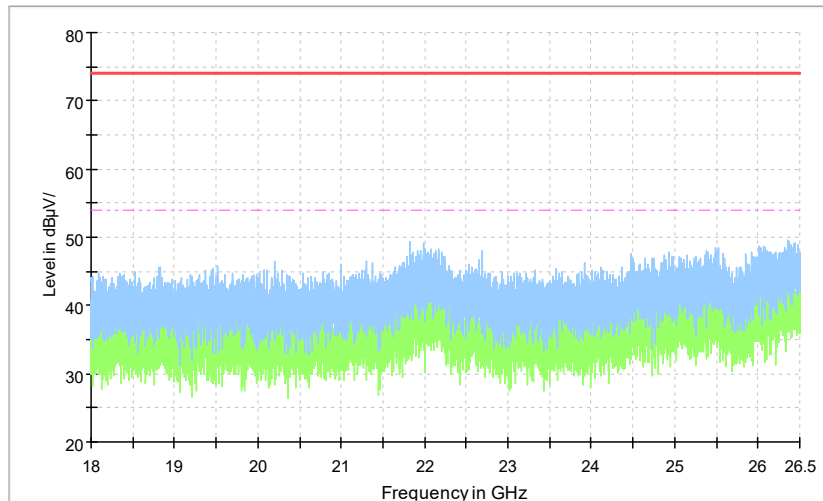
Full Spectrum



Comment

Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum

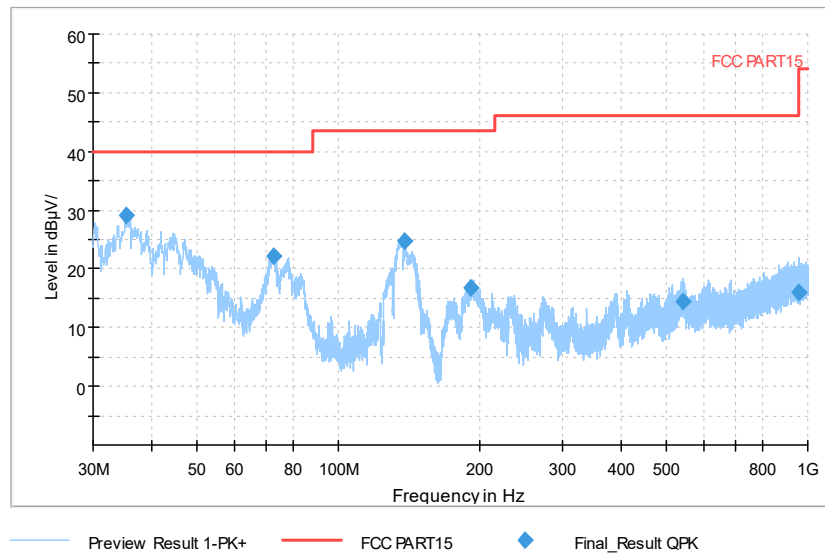


Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

Comment

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

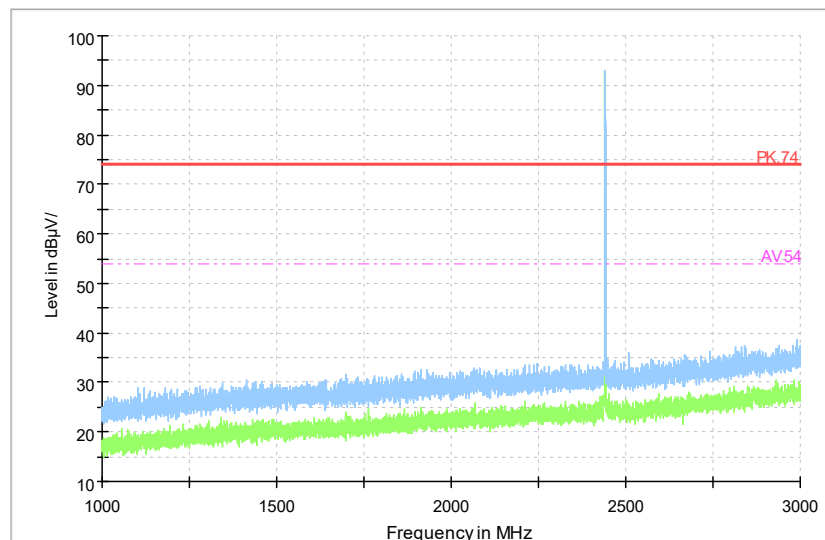
Full Spectrum



Comment

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

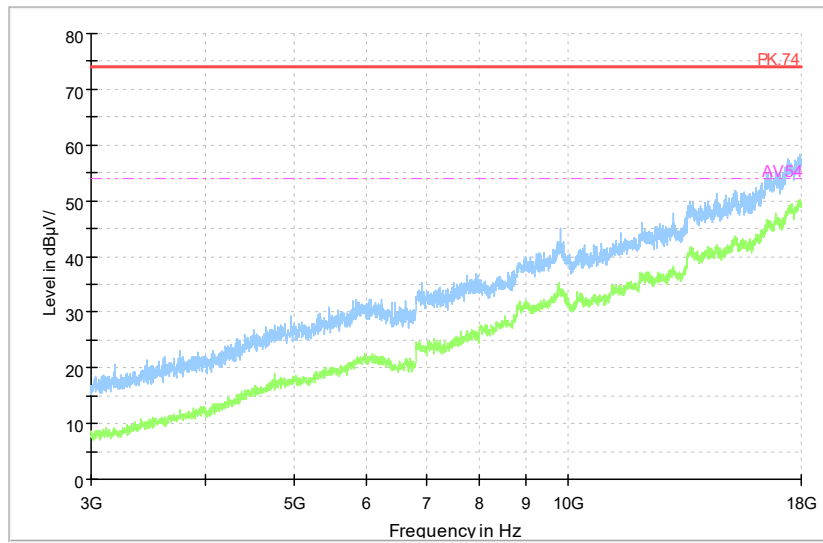
Full Spectrum



Comment

Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

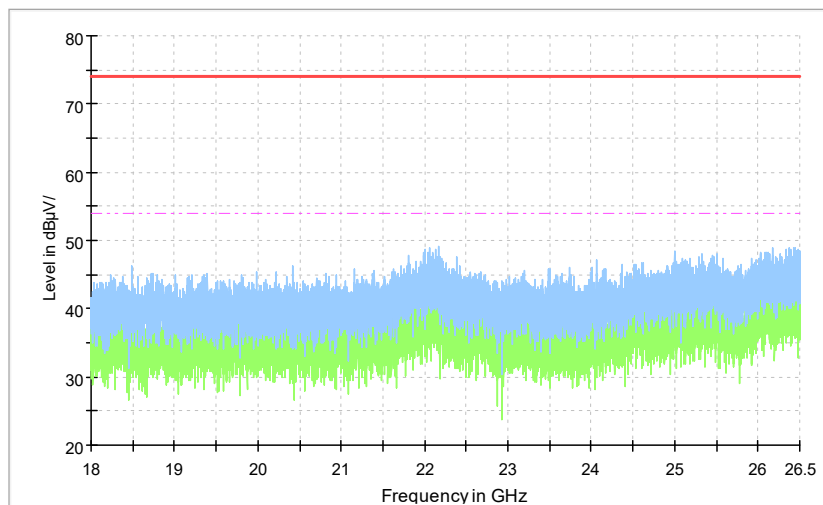
Full Spectrum



Comment

Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum

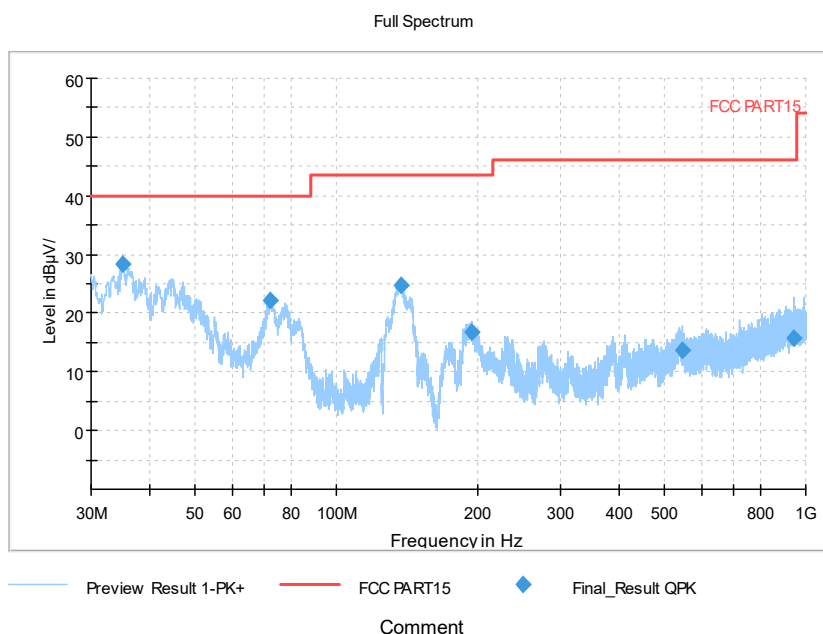


Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

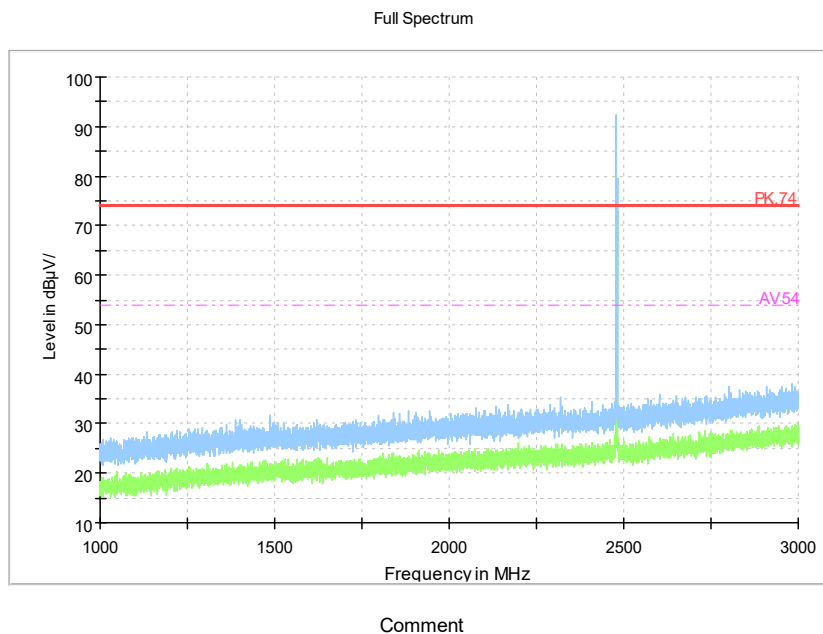
Comment

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

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

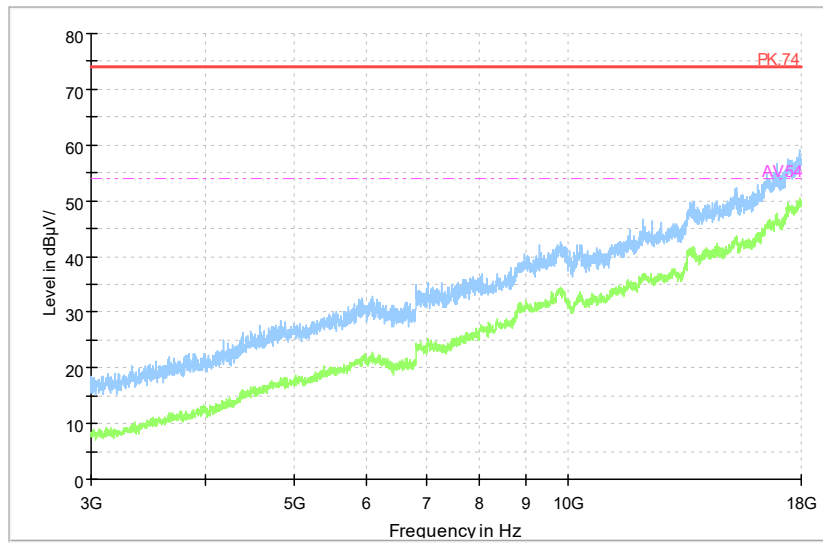


Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK



Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: GFSK

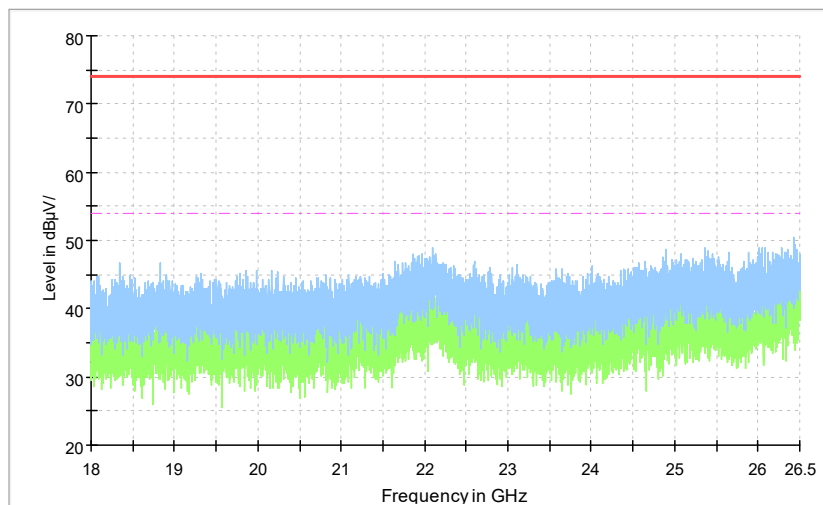
Full Spectrum



Comment

Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum

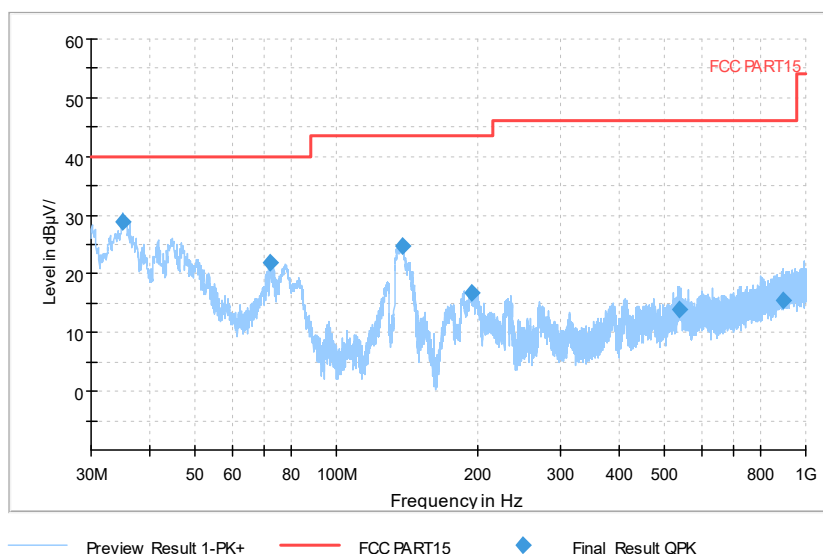


Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

Comment

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

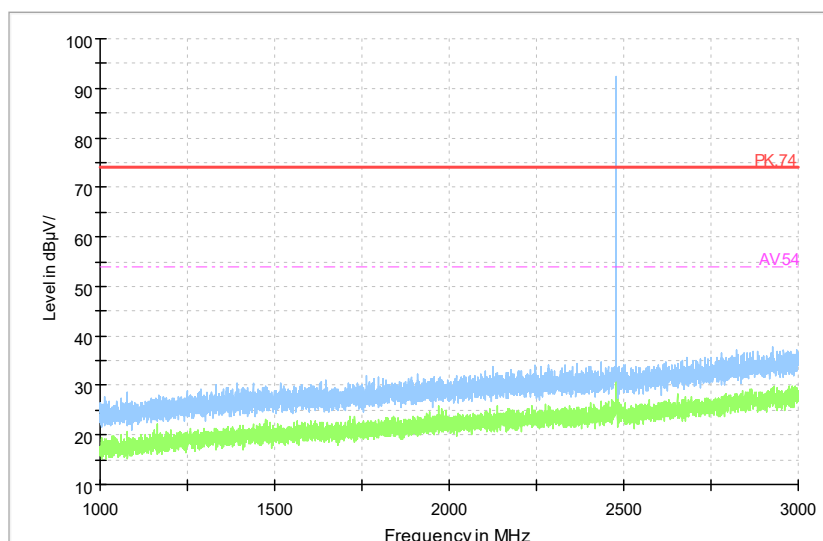
Full Spectrum



Comment

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

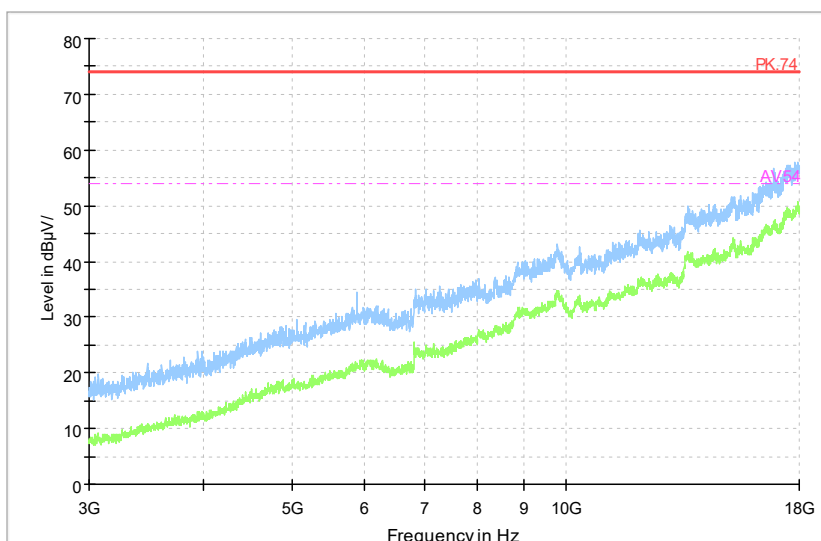
Full Spectrum



Comment

Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

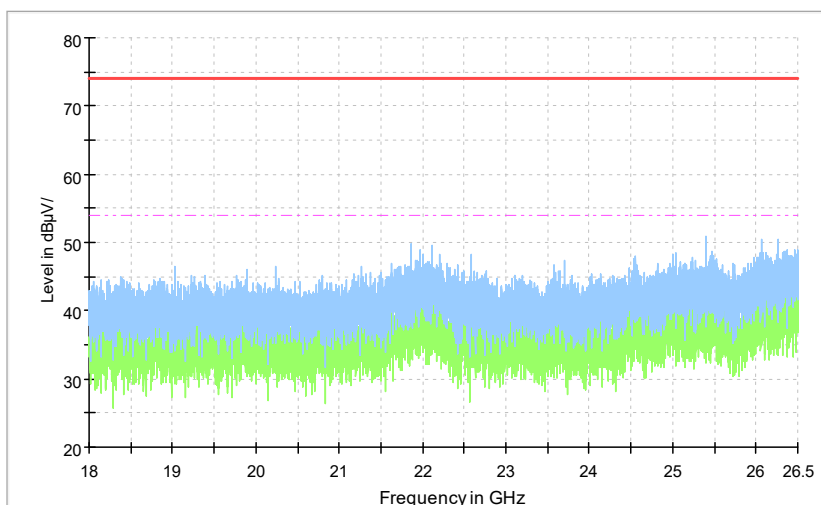
Full Spectrum



Comment

Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

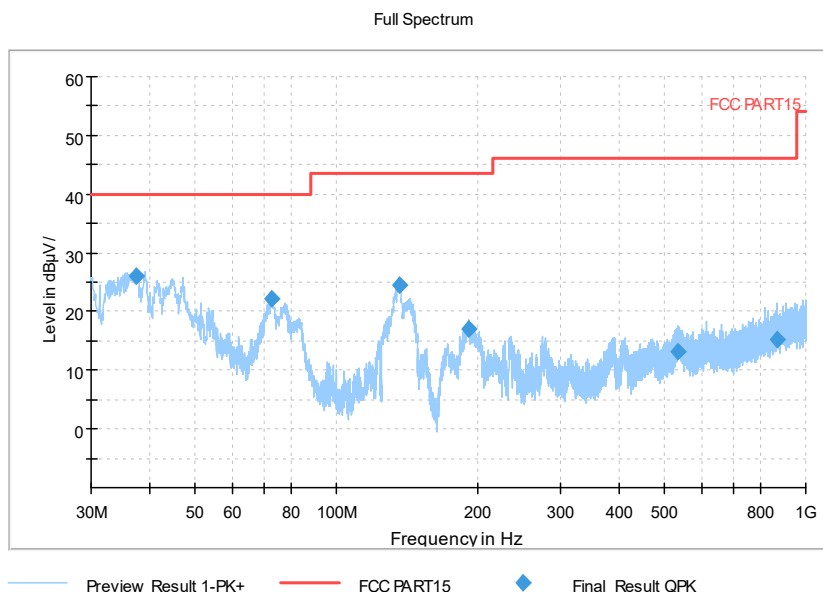
Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

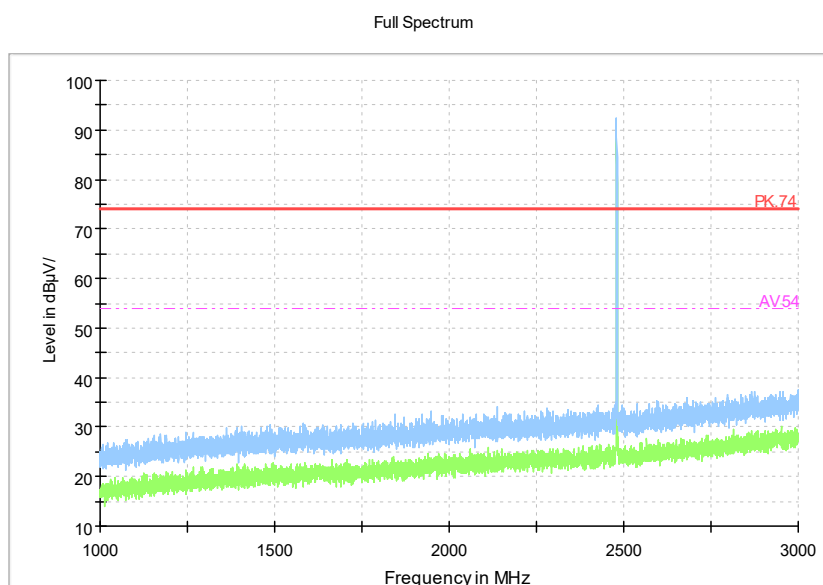
Comment

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



Comment

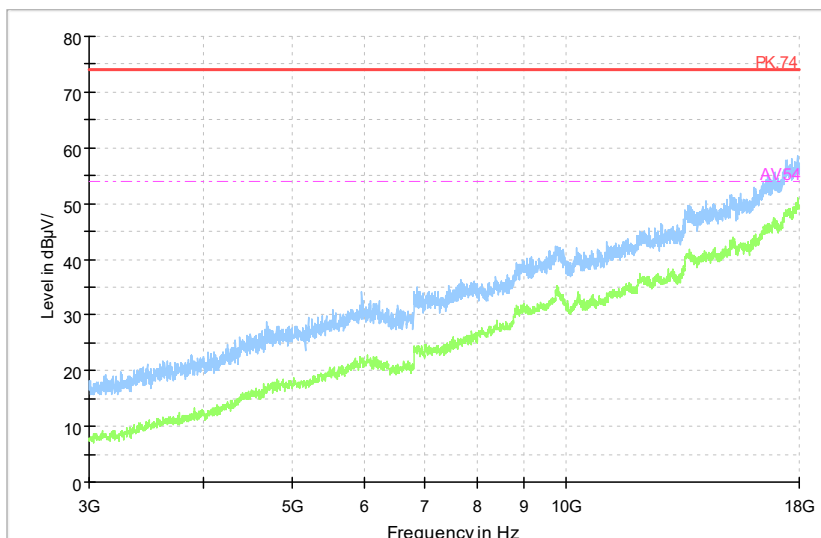
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK



Comment

Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

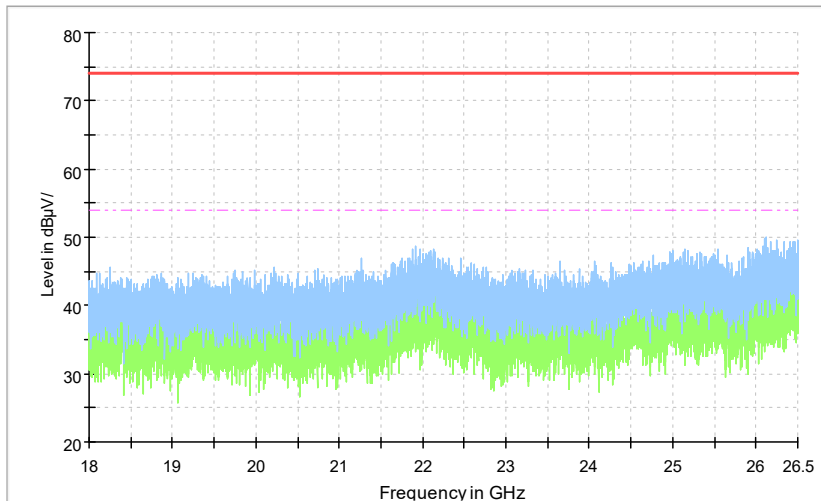
Full Spectrum



Comment

Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ PK70-74 AV50-54

Comment

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

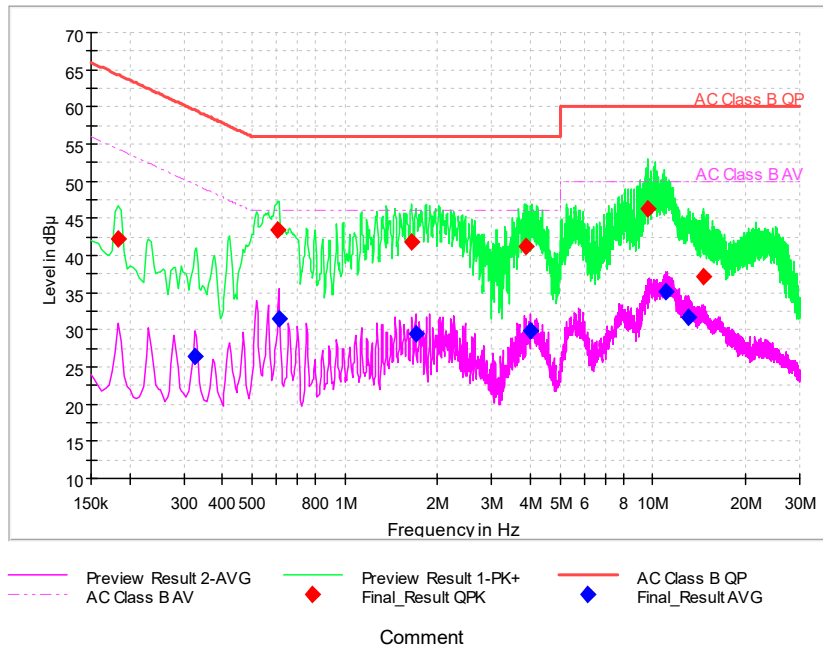
AC Power line Conducted Emission

A “reference path loss” Corr.(dB) is established and the $L_{\text{cable}} + \text{ATT} + \text{VDF}$ 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: $(42.15 \text{ dB}\mu\text{V}) = (12.55 \text{ dB}\mu\text{V}) + (29.6 \text{ dB})$, the corresponding frequency is 0.184114MHz.



L+N Line

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)	Pmea Average (dBμV)
0.184114	42.15	---	64.30	22.15	L1	29.6	12.55	---
0.324836	---	26.46	49.58	23.12	L1	29.6	---	-3.14
0.606279	43.42	---	56.00	12.58	L1	29.6	13.82	---
0.610543	---	31.56	46.00	14.44	L1	29.6	---	1.96
1.646764	41.77	---	56.00	14.23	L1	29.7	12.07	---
1.702200	---	29.38	46.00	16.62	L1	29.7	---	-0.32
3.864193	41.16	---	56.00	14.84	L1	29.7	11.46	---
4.017707	---	29.77	46.00	16.23	L1	29.7	---	0.07
9.663621	46.27	---	60.00	13.73	L1	29.8	16.47	---
11.062307	---	35.15	50.00	14.85	N	29.8	---	5.35
12.981236	---	31.73	50.00	18.27	N	29.8	---	1.93
14.554757	37.15	---	60.00	22.85	L1	29.8	7.35	---

---End of Test Report---