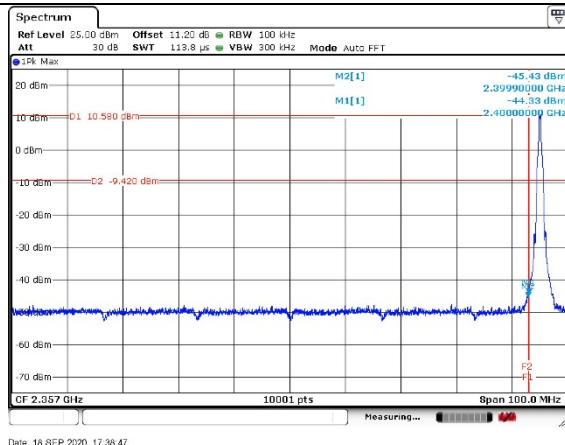
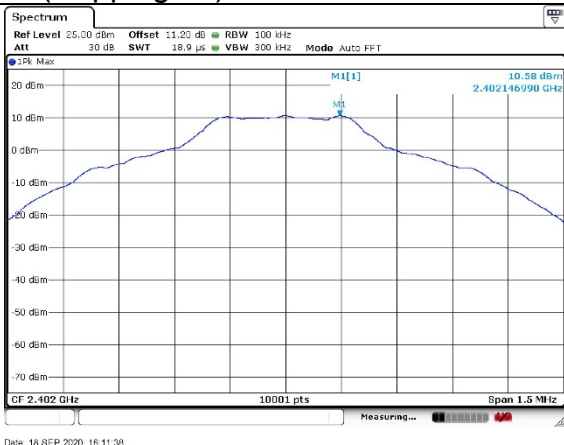


Band Edge measurement

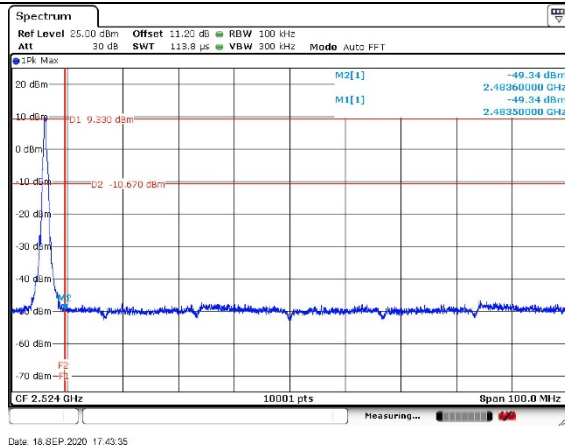
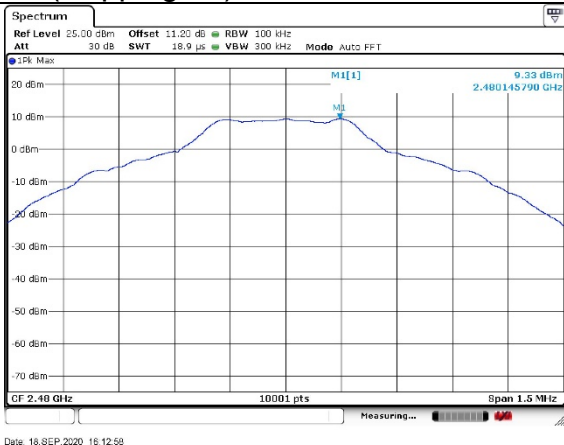
Offset 11.2dB = Attenuator 10dB+ Temporary antenna connector loss 0.2dB+ Cable loss 1dB

GFSK

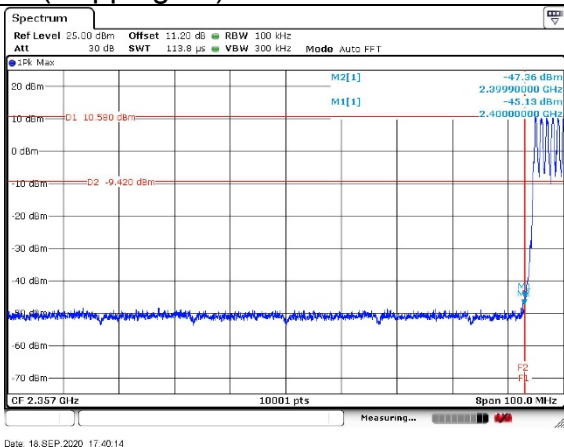
CH0 (Hopping off)



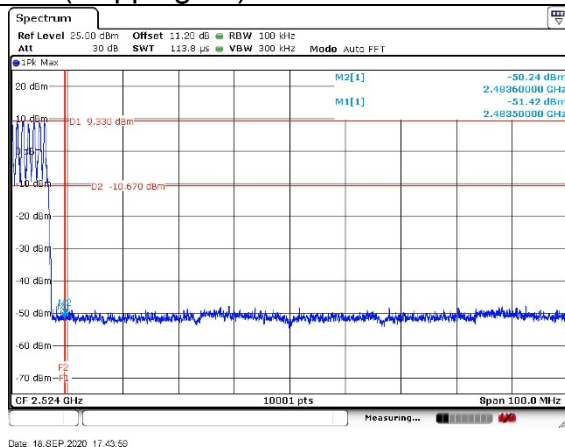
CH78(Hopping off)



CH0 (Hopping on)

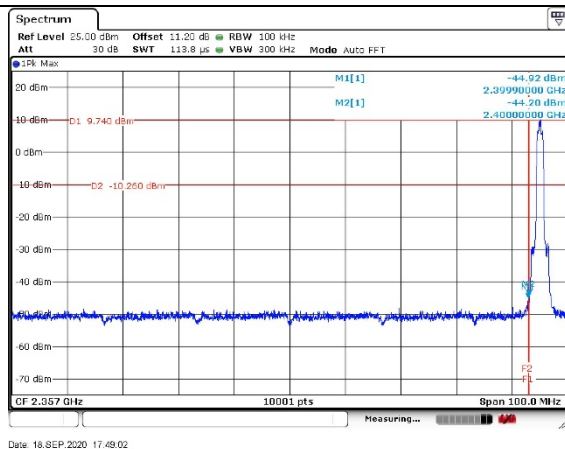
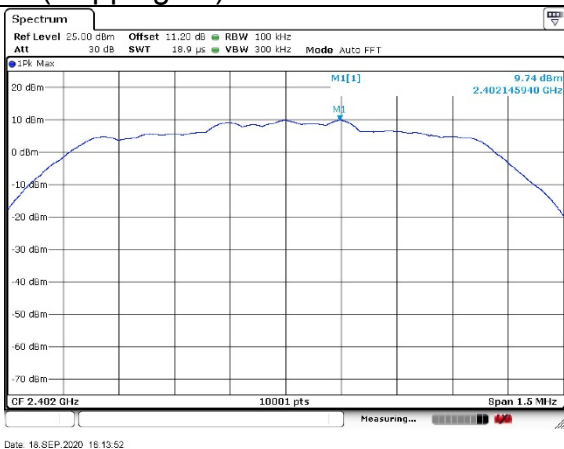


CH78 (Hopping on)

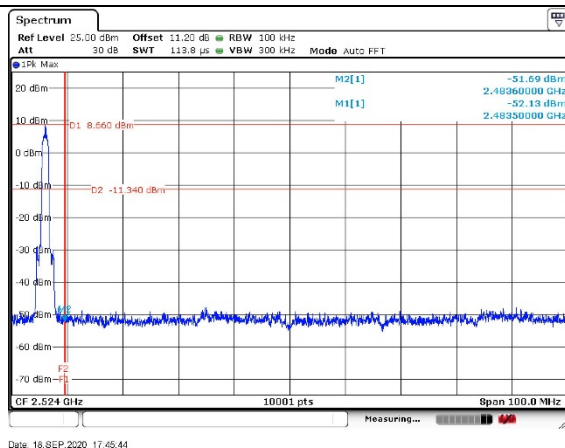
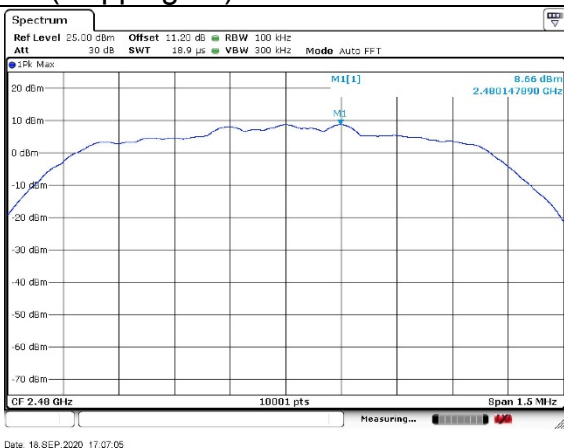


$\pi/4$ DQPSK

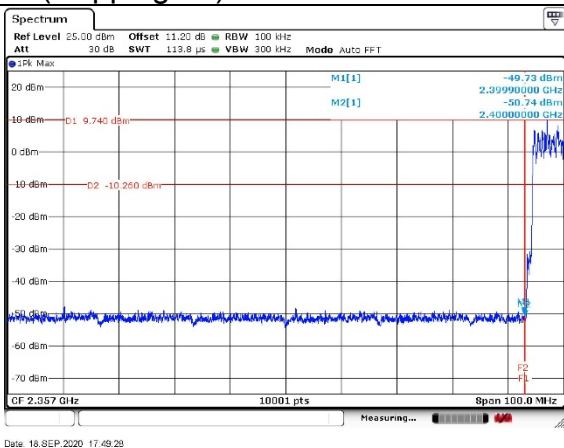
CH0 (Hopping off)



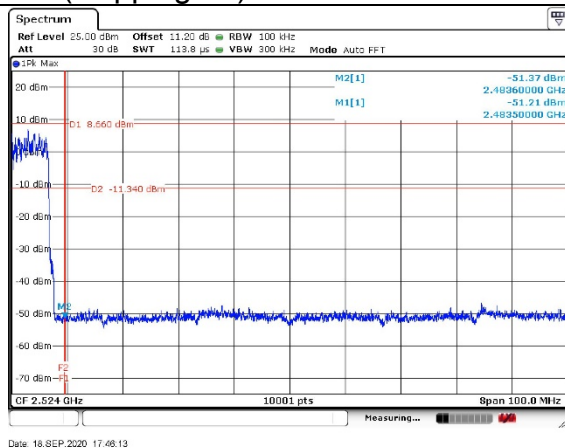
CH78(Hopping off)



CH0 (Hopping on)

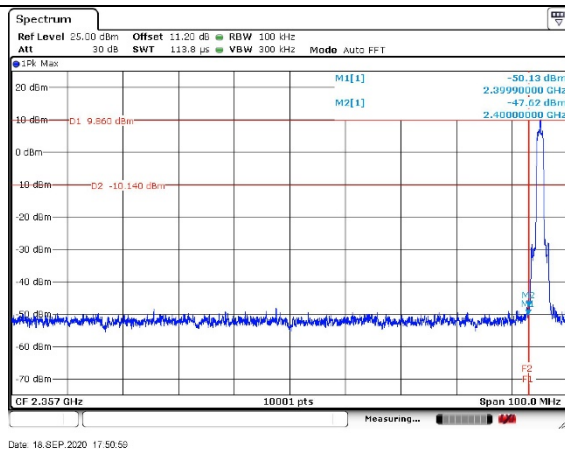
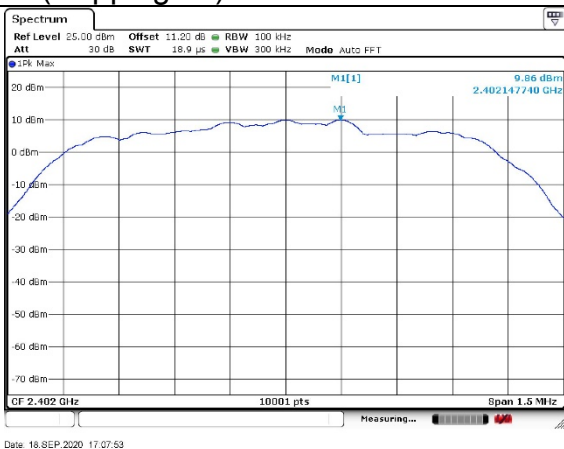


CH78 (Hopping on)

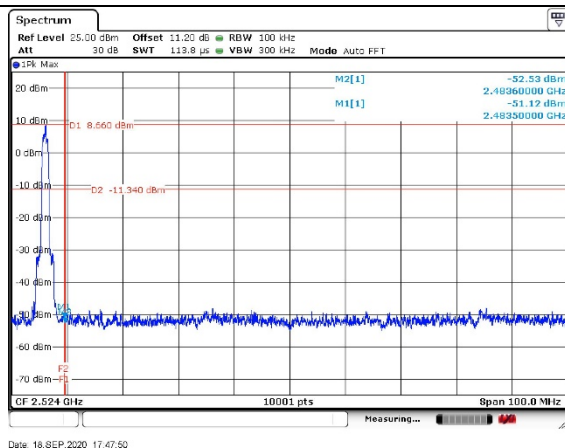
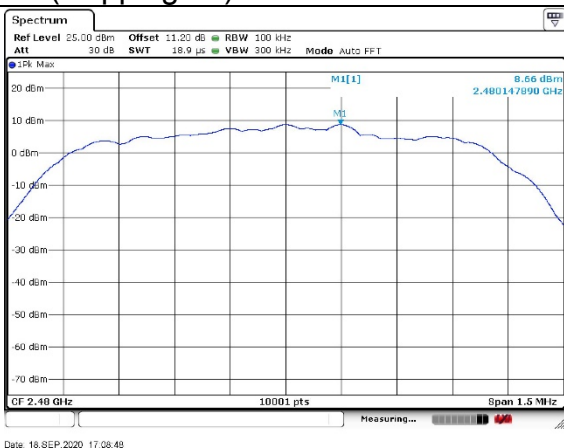


8DPSK

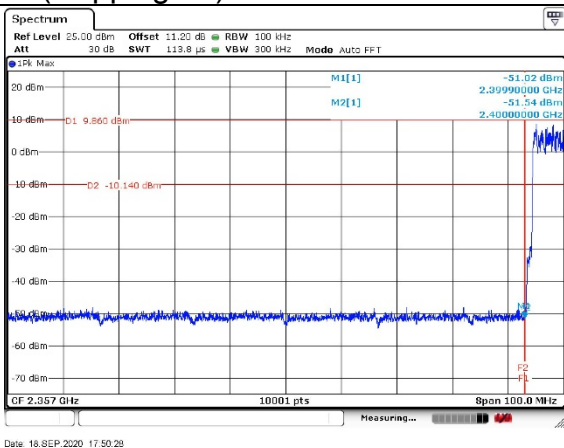
CH0 (Hopping off)



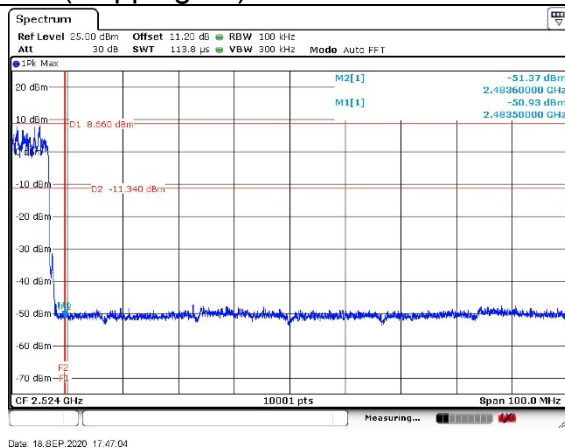
CH78(Hopping off)



CH0 (Hopping on)



CH78 (Hopping on)



APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emission Band Edge

The worst case attitude: The EUT lay down.

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (92.25 dBuV/m) = (58.25 dBμV) + (8.90 dB) + (25.10 dB), 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)
1	2402	92.25	58.25	N/A	N/A	8.90	25.10
2	2390	38.26	4.26	-35.74	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)
1	2402	87.16	53.16	N/A	N/A	8.90	25.10
2	2390	34.52	0.52	-39.48	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)
1	2402	85.93	51.93	N/A	N/A	8.90	25.10
2	2390	27.50	-6.50	-26.50	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)
1	2402	80.08	46.08	N/A	N/A	8.90	25.10
2	2390	25.70	-8.30	-28.30	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)
1	2480	92.82	58.82	N/A	N/A	8.90	25.10
2	2483.5	40.19	6.19	-33.81	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)
1	2480	86.61	52.61	N/A	N/A	8.90	25.10
2	2483.5	34.96	0.96	-39.04	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)
1	2480	85.87	51.87	N/A	N/A	8.90	25.10
2	2483.5	27.63	-6.37	-26.37	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)
1	2480	77.30	43.30	N/A	N/A	8.90	25.10
2	2483.5	26.29	-7.71	-27.71	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)
1	2402	92.92	58.92	N/A	N/A	8.90	25.10
2	2390	38.15	4.15	-35.85	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)
1	2402	85.84	51.84	N/A	N/A	8.90	25.10
2	2390	34.76	0.76	-39.24	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)
1	2402	83.33	49.33	N/A	N/A	8.90	25.10
2	2390	26.88	-7.12	-27.12	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)
1	2402	76.63	42.63	N/A	N/A	8.90	25.10
2	2390	26.11	-7.89	-27.89	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)
1	2480	91.87	57.87	N/A	N/A	8.90	25.10
2	2483.5	40.23	6.23	-33.77	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)
1	2480	86.94	52.94	N/A	N/A	8.90	25.10
2	2483.5	36.52	2.52	-37.48	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)
1	2480	84.23	50.23	N/A	N/A	8.90	25.10
2	2483.5	28.21	-5.79	-25.79	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)
1	2480	78.57	44.57	N/A	N/A	8.90	25.10
2	2483.5	26.47	-7.53	-27.53	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)
1	2402	92.71	58.71	N/A	N/A	8.90	25.10
2	2390	38.68	4.68	-35.32	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)
1	2402	86.87	52.87	N/A	N/A	8.90	25.10
2	2390	35.32	1.32	-38.68	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)
1	2402	85.17	51.17	N/A	N/A	8.90	25.10
2	2390	26.43	-7.57	-27.57	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)
1	2402	80.72	46.72	N/A	N/A	8.90	25.10
2	2390	26.64	-7.36	-27.36	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)
1	2480	92.22	58.22	N/A	N/A	8.90	25.10
2	2483.5	39.13	5.13	-34.87	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)
1	2480	87.62	53.62	N/A	N/A	8.90	25.10
2	2483.5	34.50	0.50	-39.50	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)
1	2480	83.34	49.34	N/A	N/A	8.90	25.10
2	2483.5	26.60	-7.40	-27.40	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)
1	2480	80.45	46.45	N/A	N/A	8.90	25.10
2	2483.5	26.75	-7.25	-27.25	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: (30.16 dBuV/m) = (51.26 dBuV) + (-21.1 dB/m), the corresponding frequency is 30.097000MHz.

The worst case attitude: The EUT lay down.

For GFSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity	Limit (dBuV/m)
30.097000	30.16	-21.1	51.26	Vertical	40.00
53.377000	32.05	-17.6	49.65	Vertical	40.00
53.862000	31.60	-17.6	49.20	Vertical	40.00
77.239000	20.70	-23.3	44.00	Vertical	40.00
172.105000	22.57	-20.5	43.07	Vertical	43.50
175.597000	22.43	-20.4	42.83	Vertical	43.50

For $\pi/4$ DQPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity	Limit (dBuV/m)
30.048500	30.04	-21.2	51.24	Vertical	40.00
53.328500	31.98	-17.6	49.58	Vertical	40.00
54.007500	31.46	-17.6	49.06	Vertical	40.00
76.560000	19.99	-23.2	43.19	Vertical	40.00
170.601500	21.94	-20.6	42.54	Vertical	43.50
175.257500	22.47	-20.4	42.87	Vertical	43.50

For 8DPSK
Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.242500	30.11	-21.1	51.21	Vertical	40.00
53.425500	31.96	-17.6	49.56	Vertical	40.00
53.862000	31.70	-17.6	49.30	Vertical	40.00
77.142000	20.87	-23.3	44.17	Vertical	40.00
172.784000	22.83	-20.5	43.33	Vertical	43.50
173.511500	22.90	-20.4	43.30	Vertical	43.50

For GFSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.145500	30.20	-21.1	51.30	Vertical	40.00
53.377000	31.97	-17.6	49.57	Vertical	40.00
53.862000	31.59	-17.6	49.19	Vertical	40.00
77.190500	20.79	-23.3	44.09	Vertical	40.00
171.668500	22.62	-20.5	43.12	Vertical	43.50
175.403000	22.45	-20.4	42.85	Vertical	43.50

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

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.048500	30.06	-21.2	51.26	Vertical	40.00
53.377000	31.98	-17.6	49.58	Vertical	40.00
54.153000	31.51	-17.7	49.21	Vertical	40.00
77.239000	20.74	-23.3	44.04	Vertical	40.00
171.086500	22.29	-20.6	42.89	Vertical	43.50
173.560000	22.75	-20.4	43.15	Vertical	43.50

For 8DPSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.097000	30.17	-21.1	51.27	Vertical	40.00
52.795000	32.16	-17.5	49.66	Vertical	40.00
53.910500	31.72	-17.6	49.32	Vertical	40.00
77.190500	20.69	-23.3	43.99	Vertical	40.00
172.735500	22.50	-20.5	43.00	Vertical	43.50
176.567000	22.39	-20.3	42.69	Vertical	43.50

For GFSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.145500	30.10	-21.1	51.20	Vertical	40.00
52.407000	31.47	-17.4	48.87	Vertical	40.00
54.104500	31.51	-17.7	49.21	Vertical	40.00
77.093500	20.72	-23.3	44.02	Vertical	40.00
171.765500	22.55	-20.5	43.05	Vertical	43.50
175.354500	22.47	-20.4	42.87	Vertical	43.50

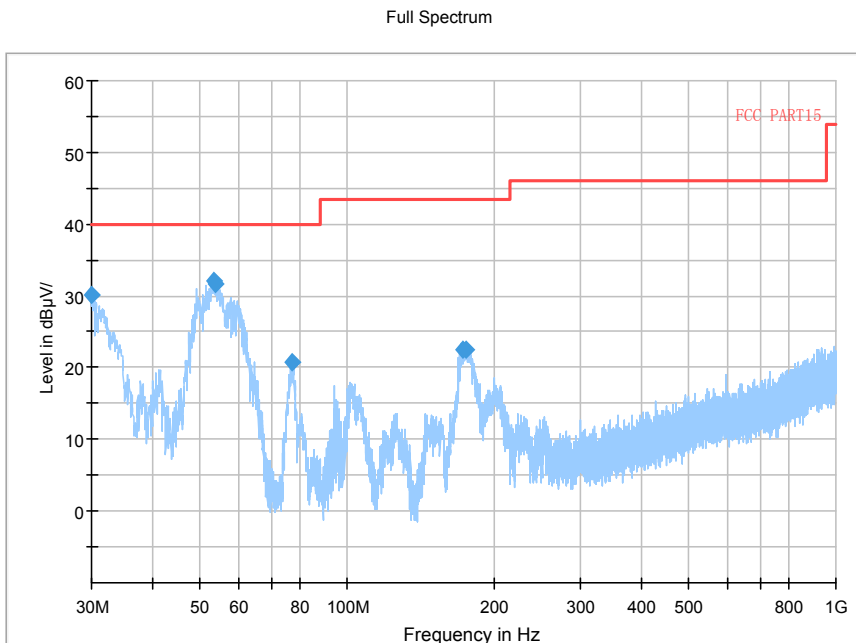
For $\pi/4$ DQPSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.242500	29.88	-21.1	50.98	Vertical	40.00
52.892000	32.23	-17.5	49.73	Vertical	40.00
53.862000	31.63	-17.6	49.23	Vertical	40.00
76.754000	20.38	-23.2	43.58	Vertical	40.00
173.026500	22.50	-20.5	43.00	Vertical	43.50
173.608500	22.74	-20.4	43.14	Vertical	43.50

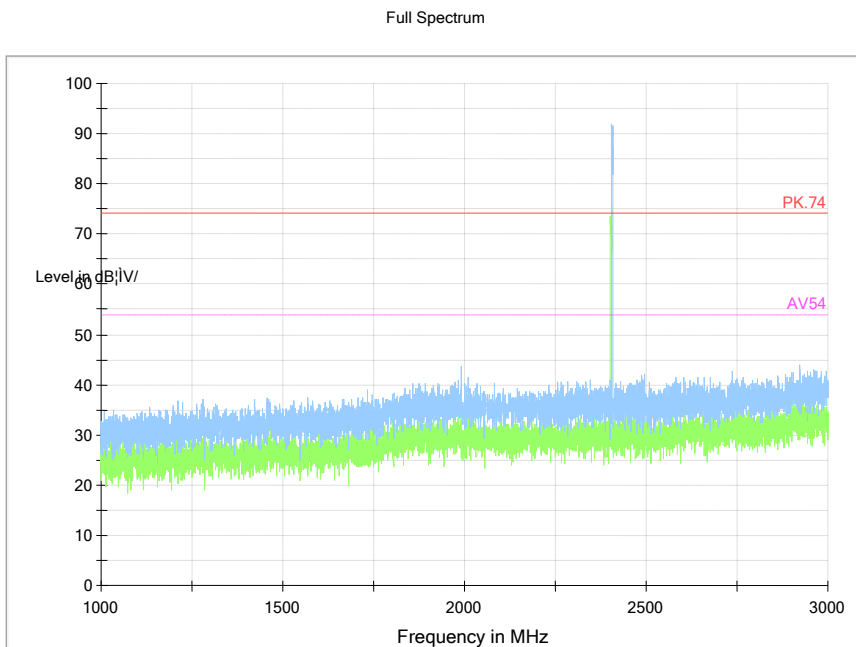
For 8DPSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.291000	29.75	-21.1	50.85	Vertical	40.00
52.989000	32.29	-17.5	49.79	Vertical	40.00
53.959000	31.54	-17.6	49.14	Vertical	40.00
77.336000	20.74	-23.3	44.04	Vertical	40.00
172.347500	22.81	-20.5	43.31	Vertical	43.50
174.093500	22.70	-20.4	43.10	Vertical	43.50

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

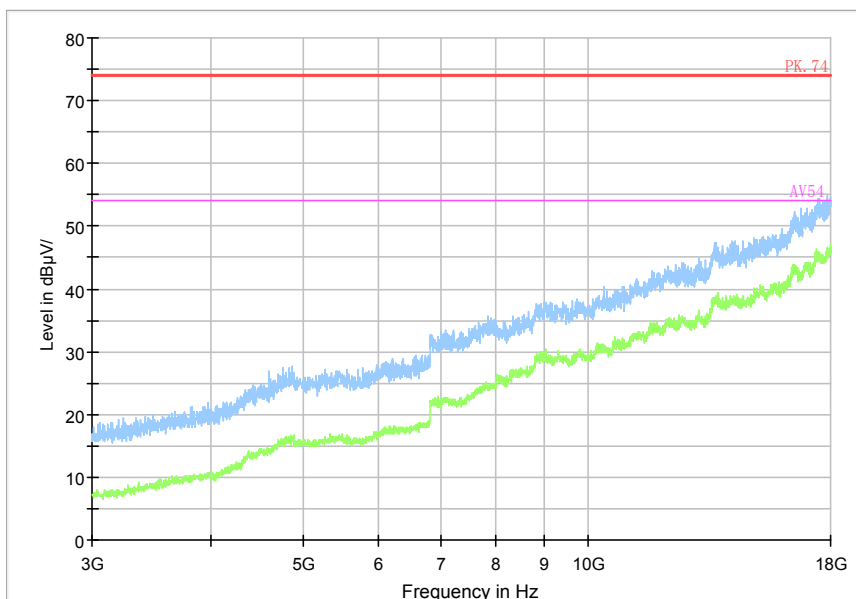


Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK



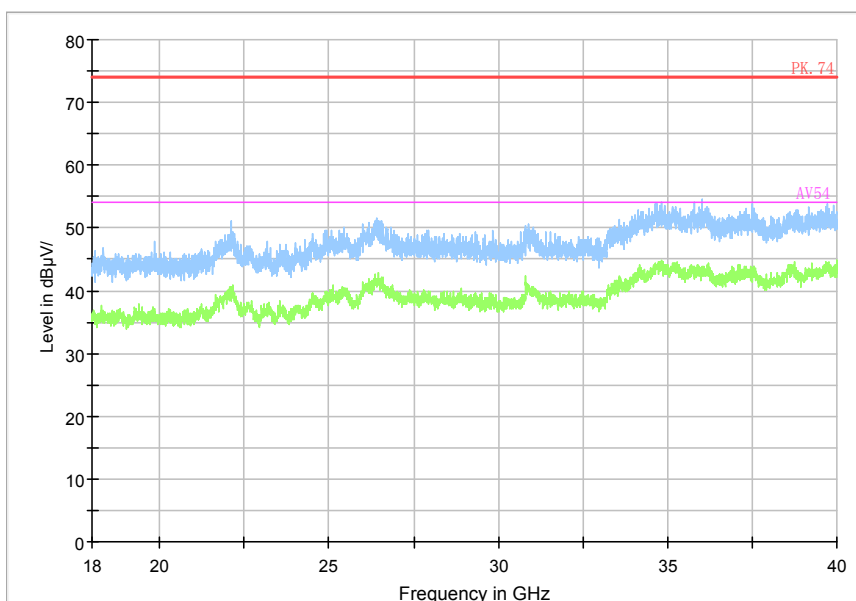
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



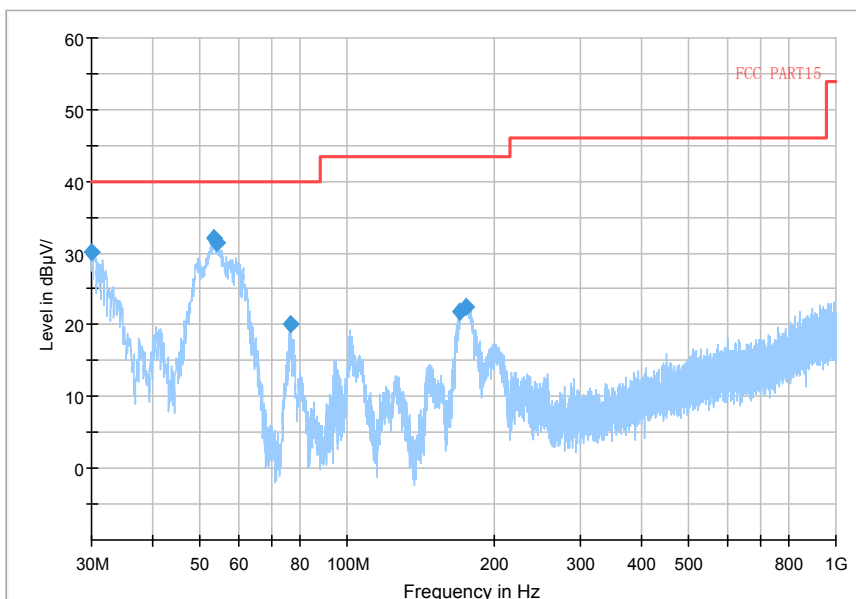
Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



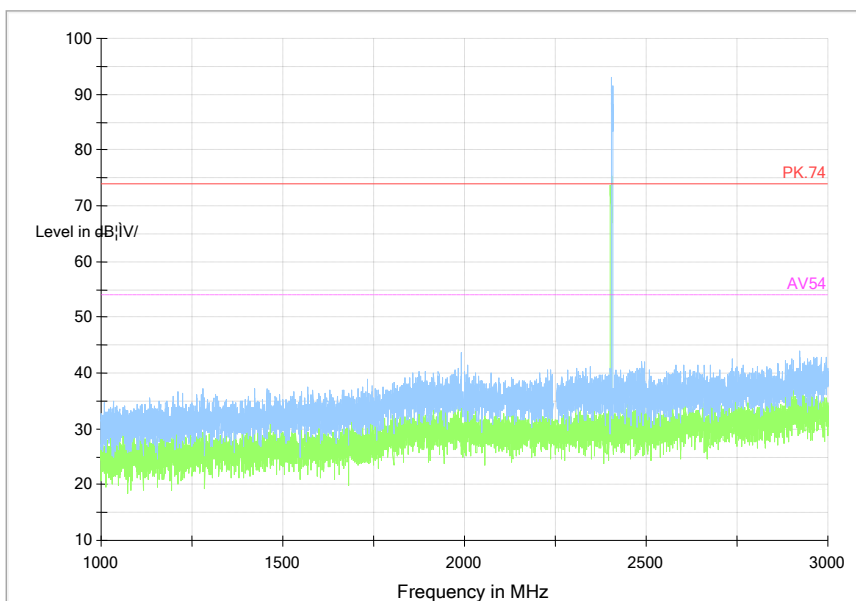
Frequency Range: 18GHz-40GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



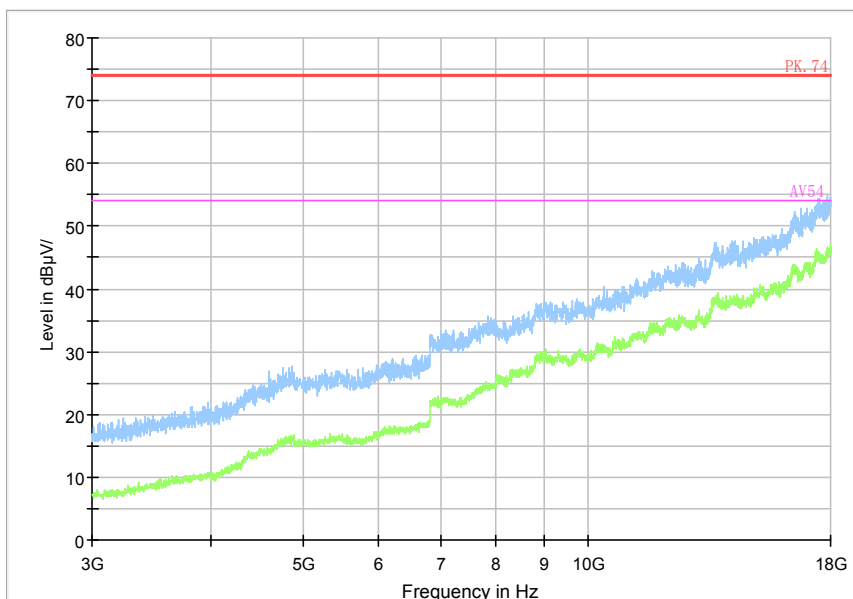
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



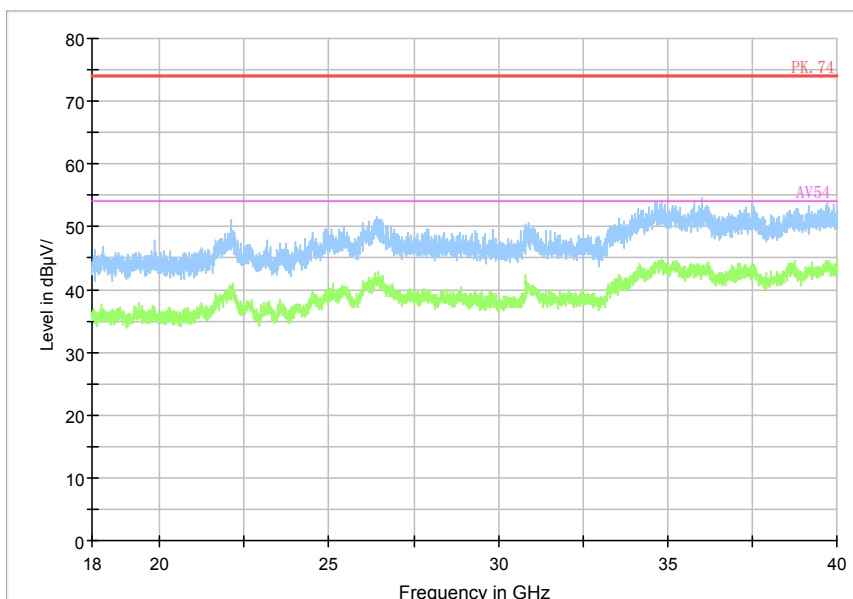
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum

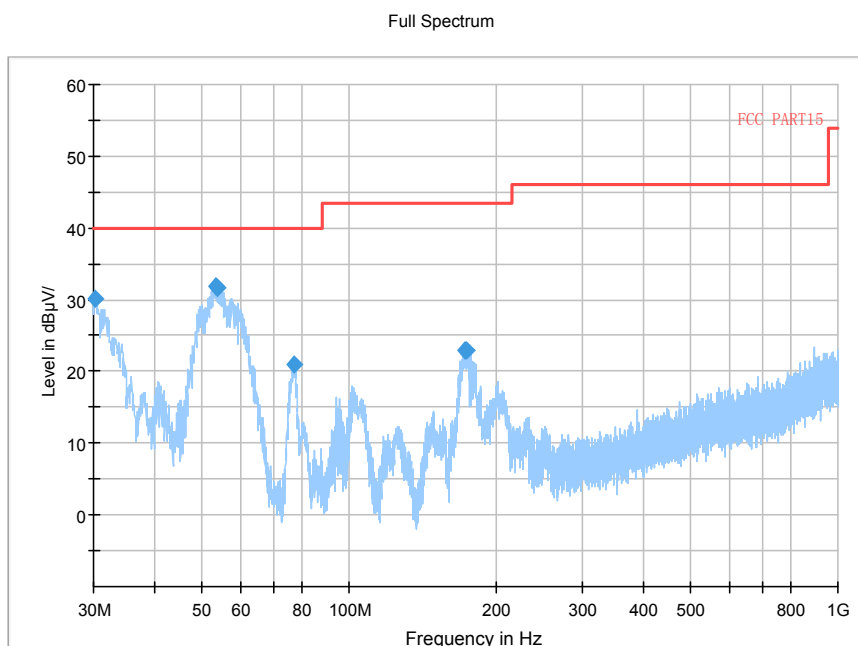


Frequency Range: 3GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

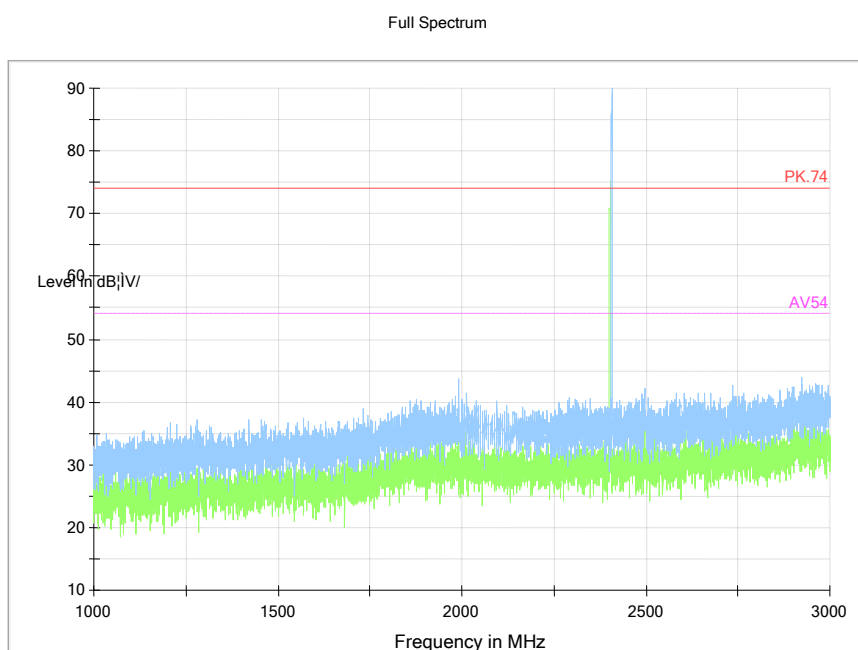
Full Spectrum



Frequency Range: 18GHz-40GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

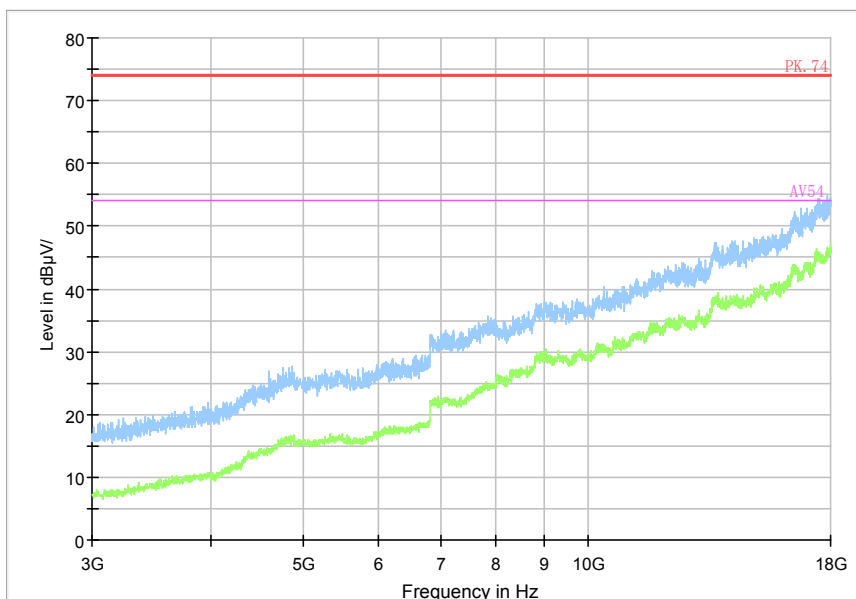


Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK



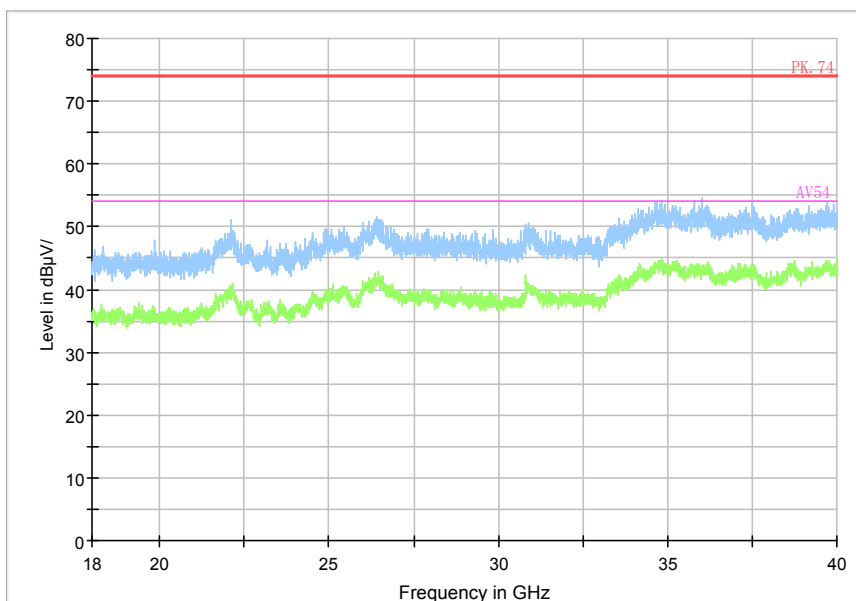
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum



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

Full Spectrum



Frequency Range: 18GHz-40GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Carrier frequency (MHz): 2441

The State Radio_monitoring_center Testing Center (SRTC)

Tel: 86-10-5799 6183

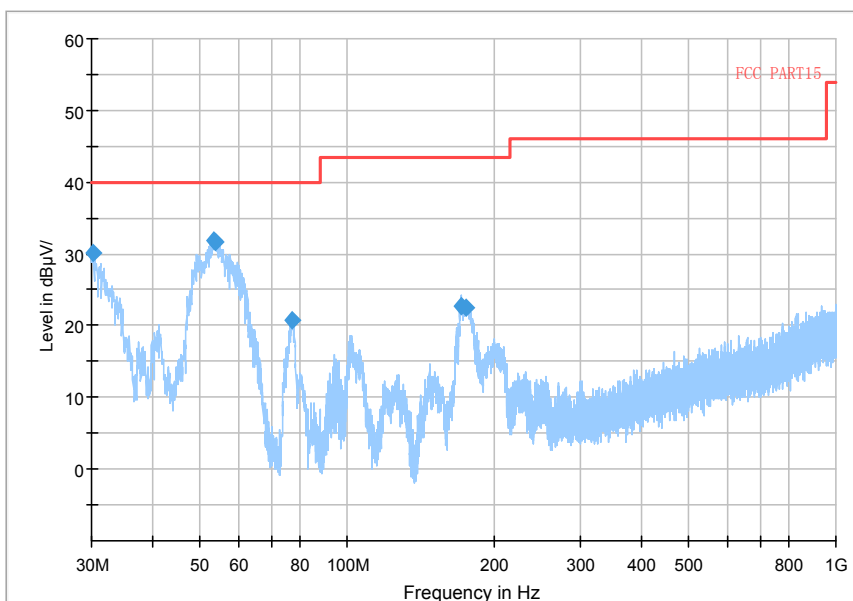
Fax: 86-10-57996388

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Channel No.:39

Full Spectrum

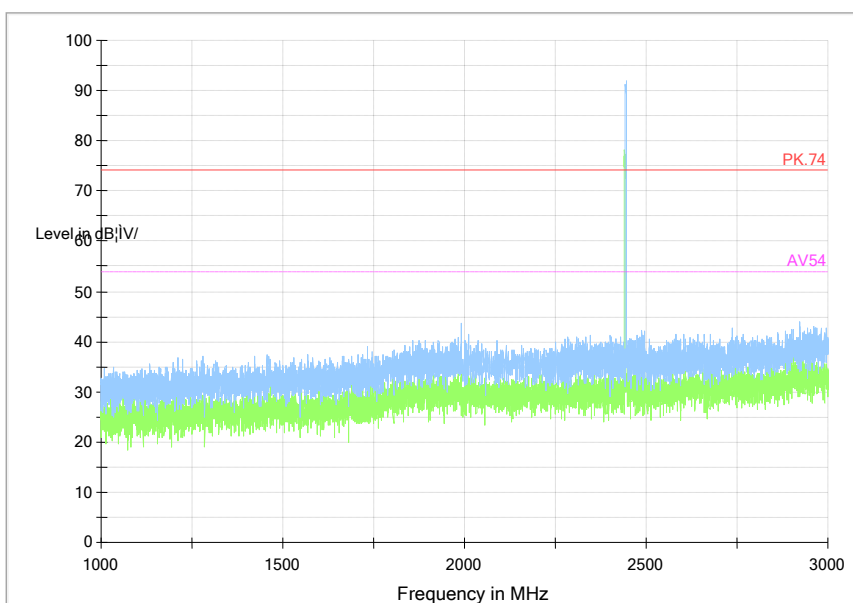


Frequency Range: 30MHz-1000MHz

Detector: QP mode

Modulation type: GFSK

Full Spectrum

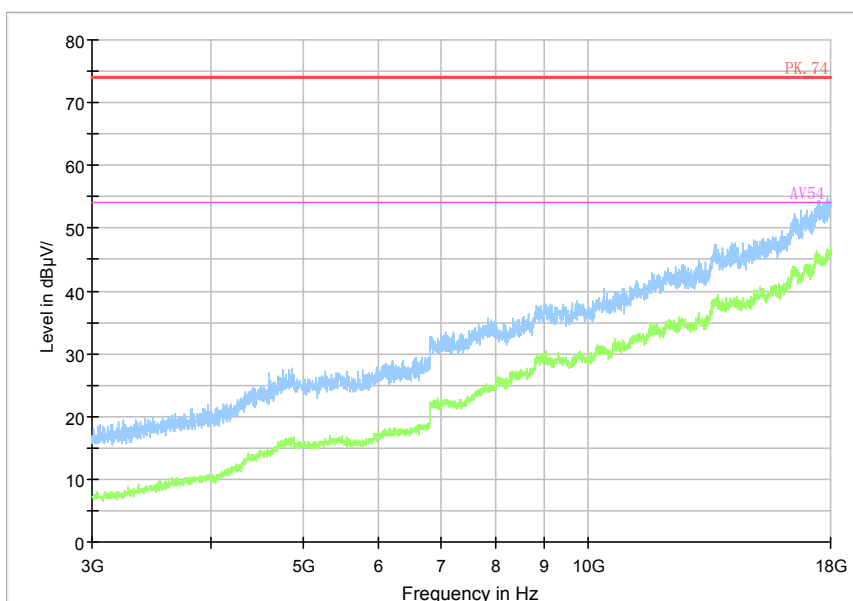


Frequency Range: 1GHz-3GHz

Detector: Av mode and PK mode

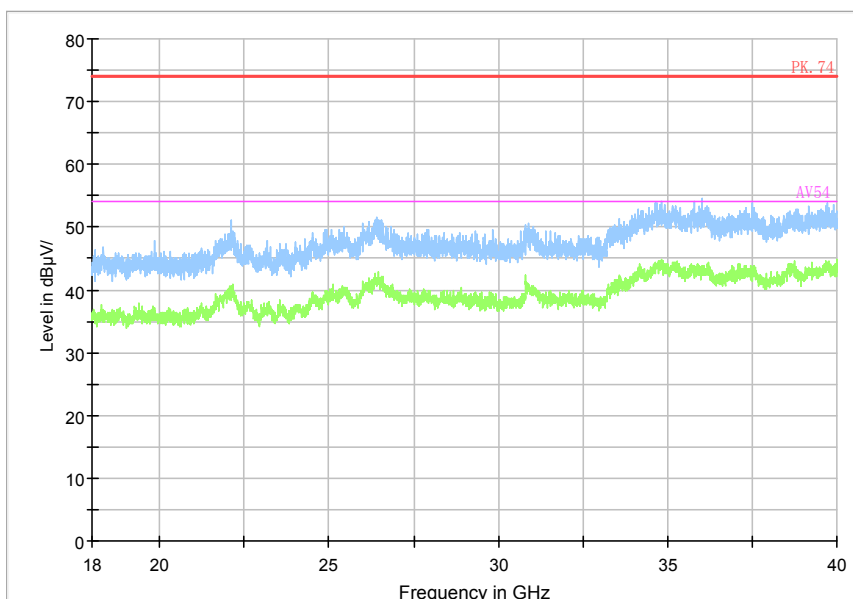
Modulation type: GFSK

Full Spectrum

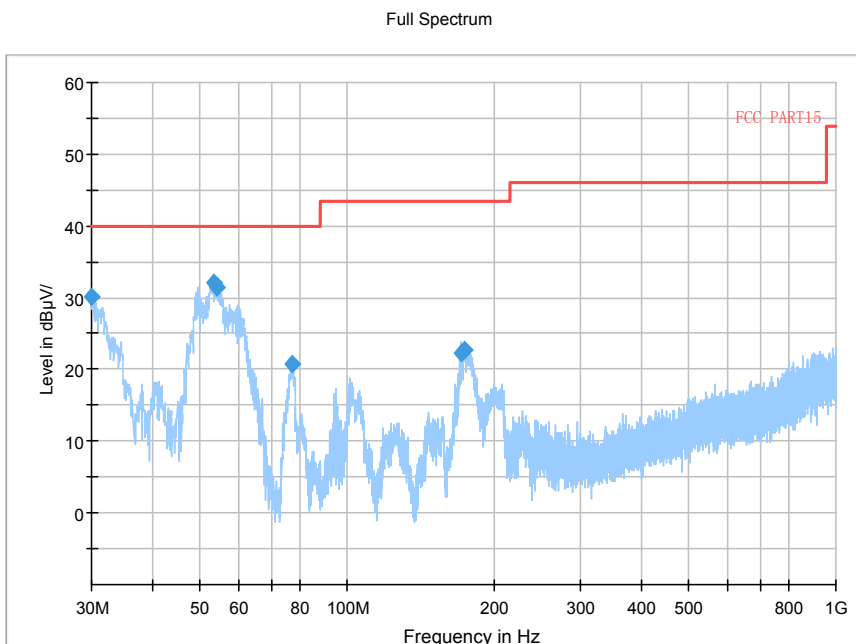


Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: GFSK

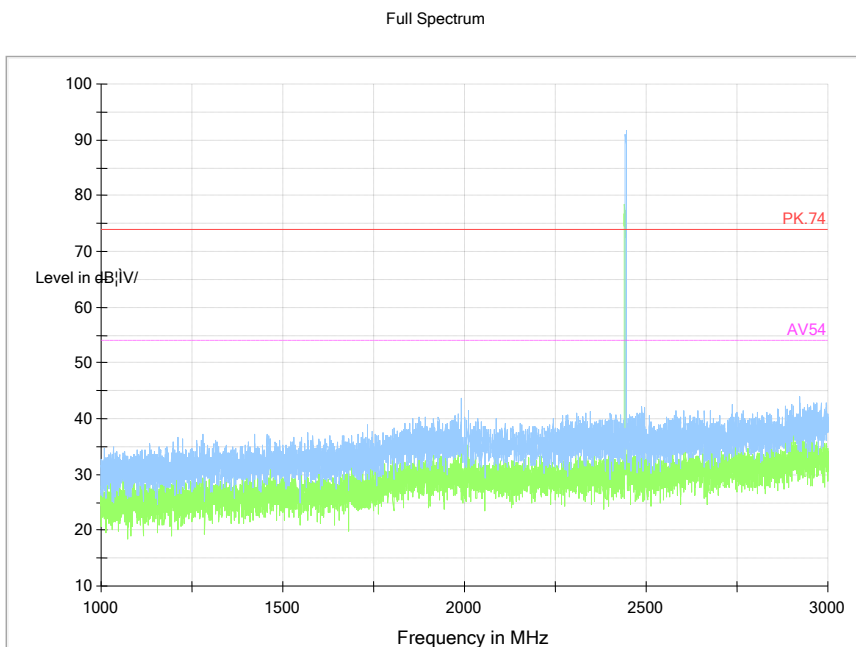
Full Spectrum



Frequency Range: 18GHz-40GHz
Detector: Av mode and PK mode
Modulation type: GFSK

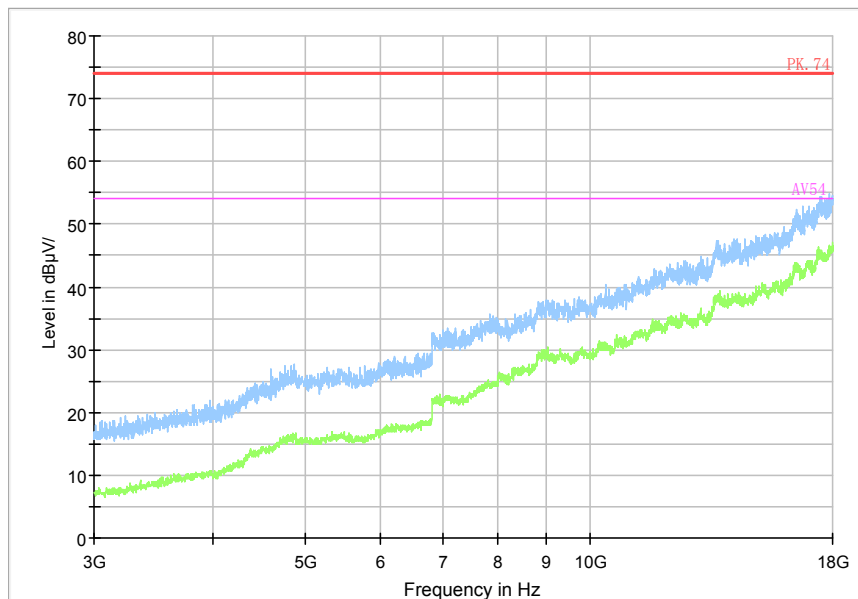


Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK



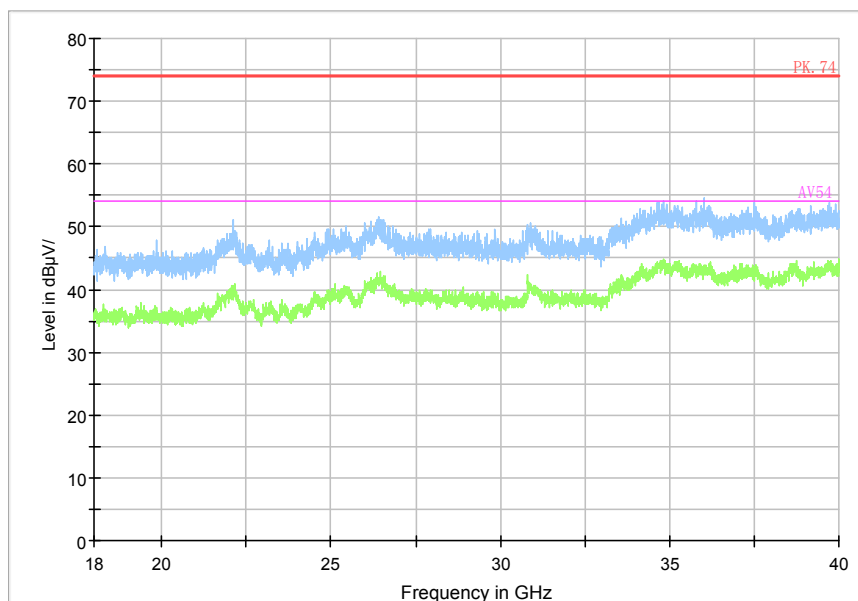
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum

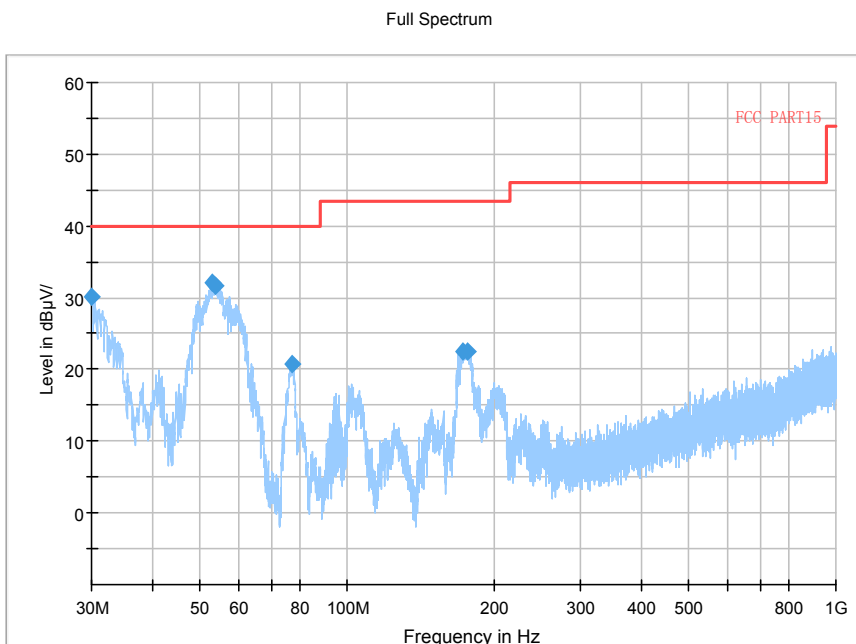


Frequency Range: 3GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

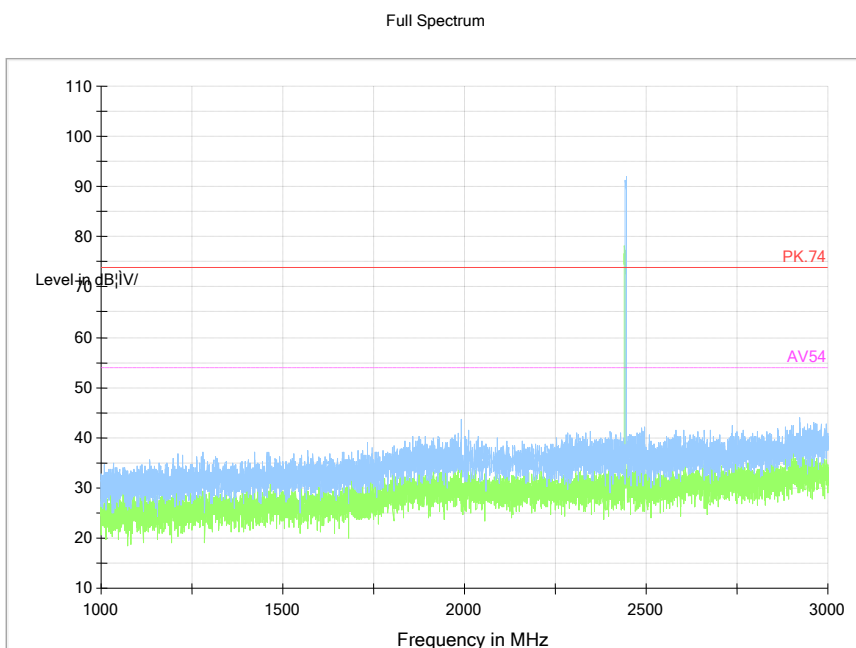
Full Spectrum



Frequency Range: 18GHz-40GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

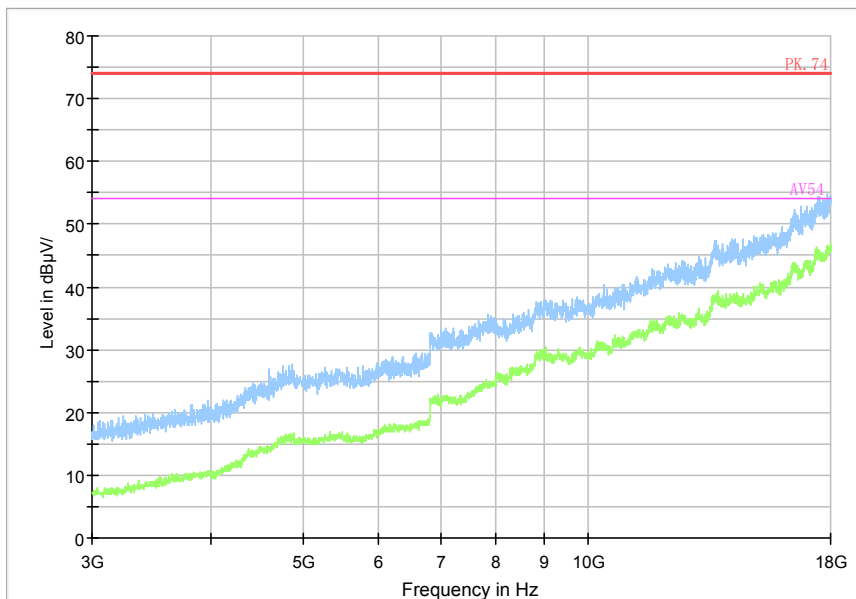


Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK



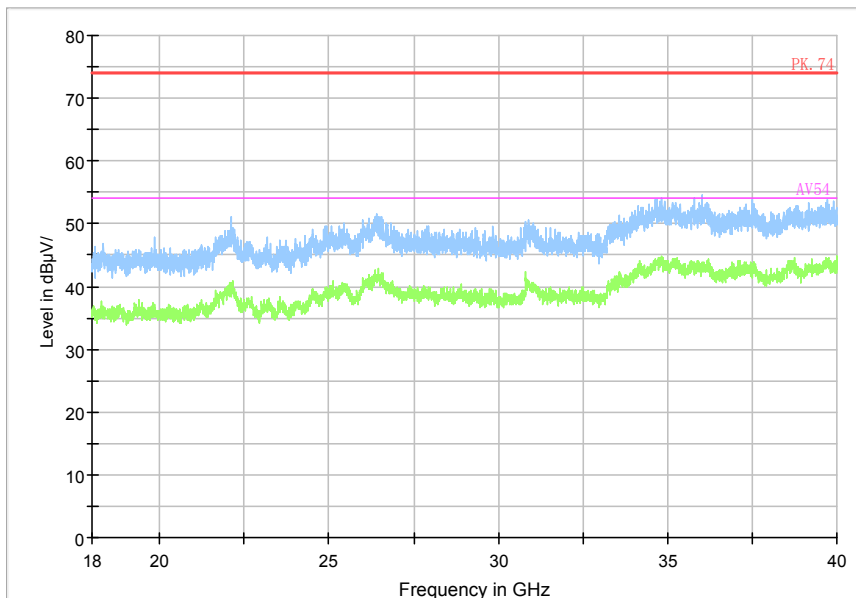
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum



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

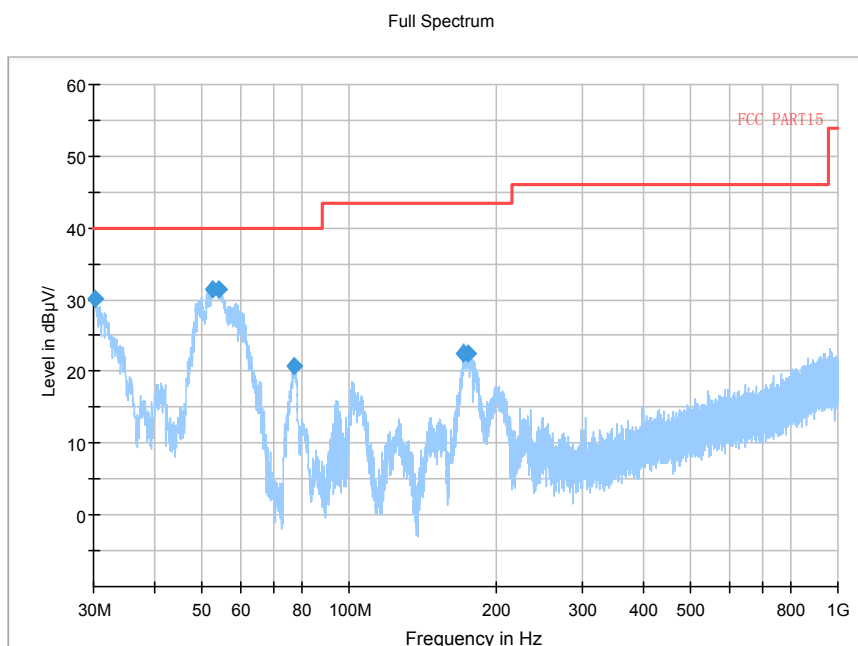
Full Spectrum



Frequency Range: 18GHz-40GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Carrier frequency (MHz): 2480

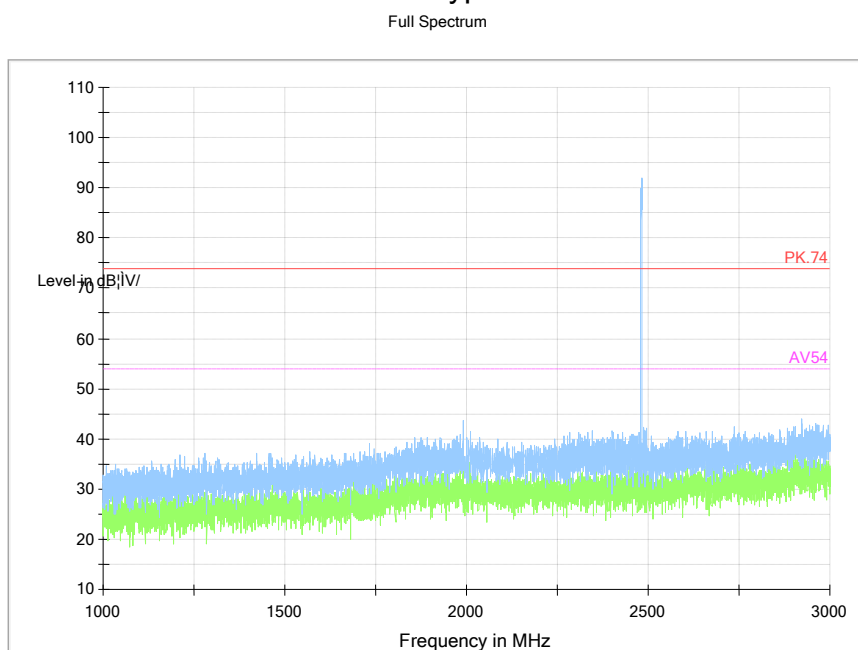
Channel No.:78



Frequency Range: 30MHz-1000MHz

Detector: QP mode

Modulation type: GFSK

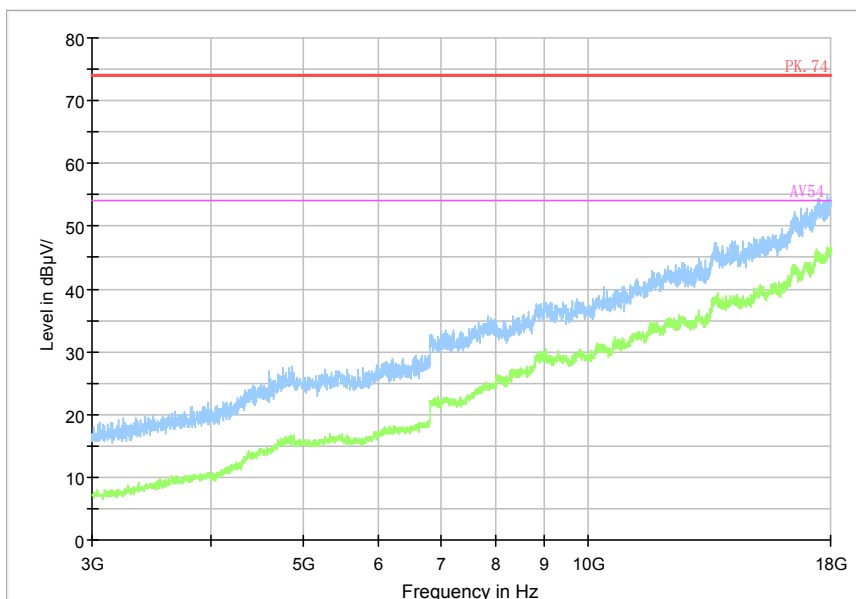


Frequency Range: 1GHz-3GHz

Detector: Av mode and PK mode

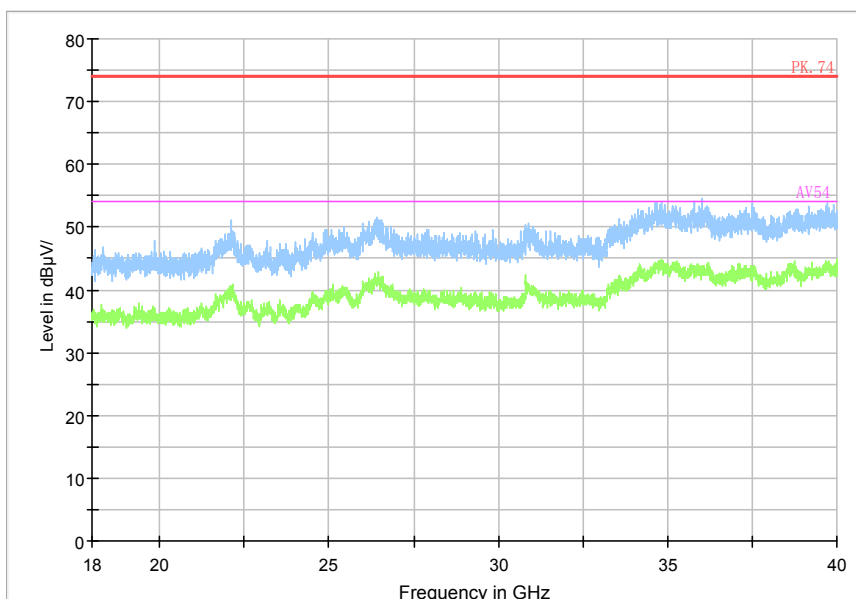
Modulation type: GFSK

Full Spectrum



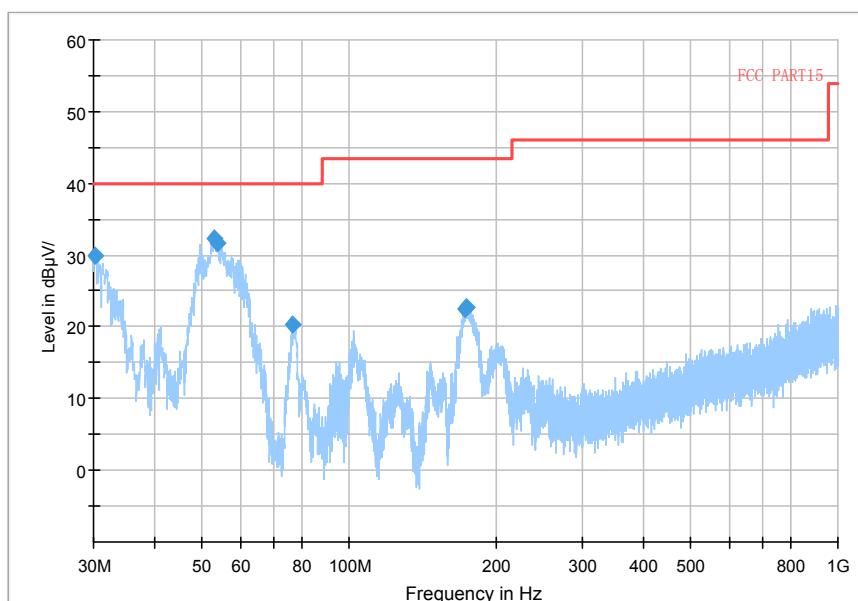
Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



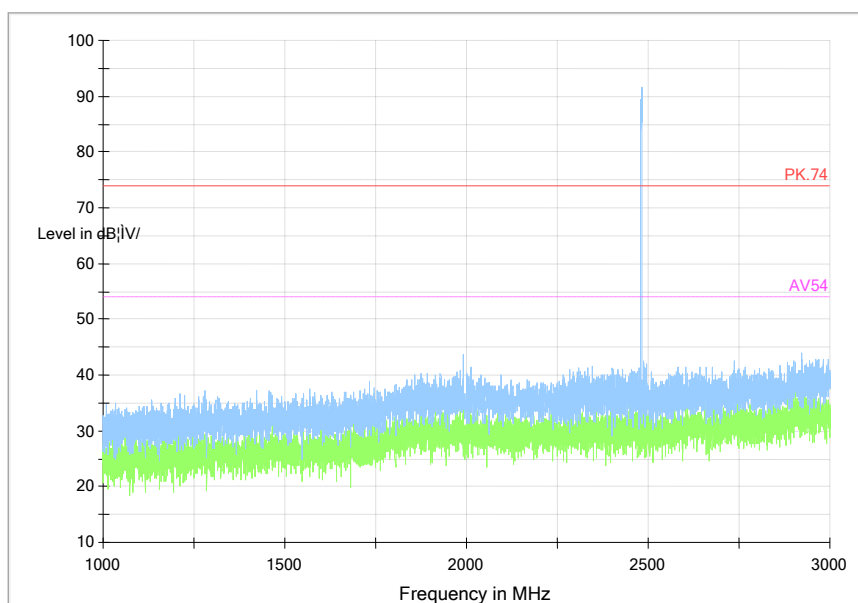
Frequency Range: 18GHz-40GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



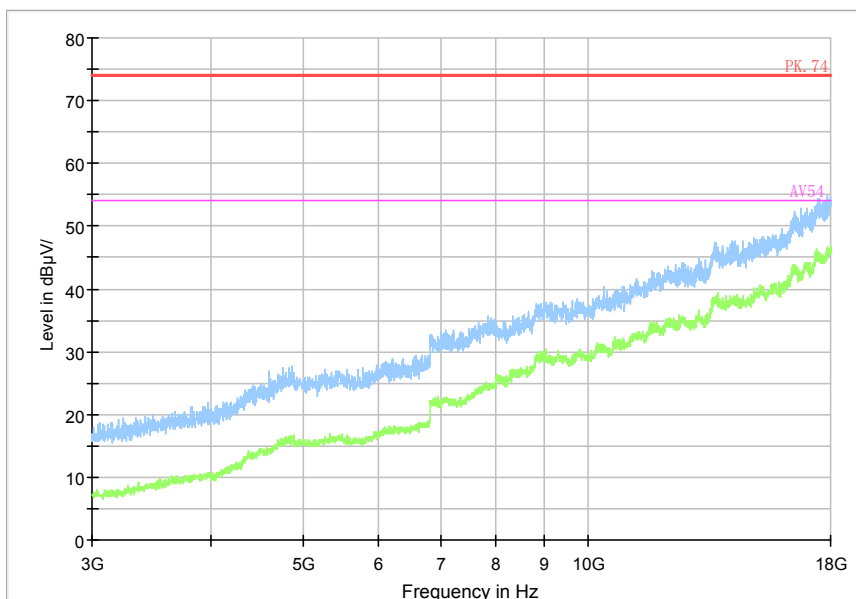
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



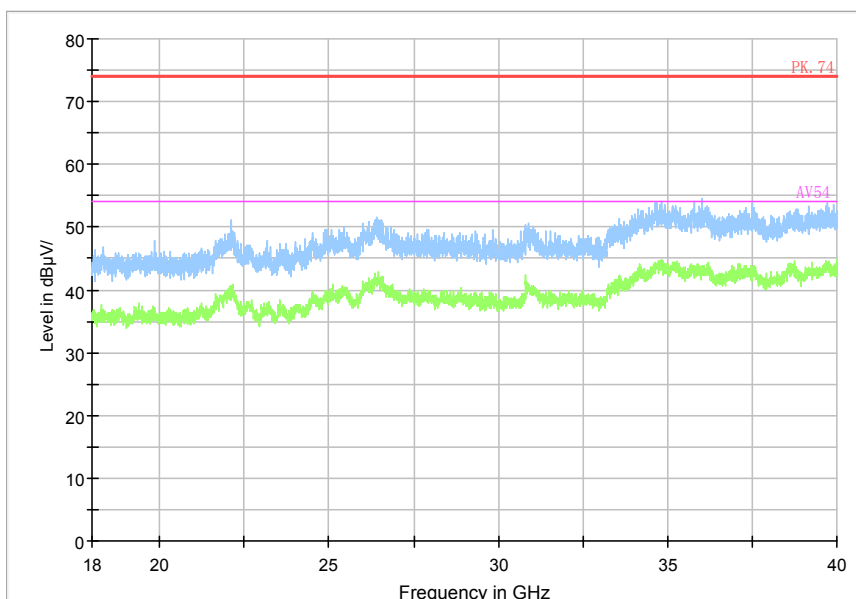
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum

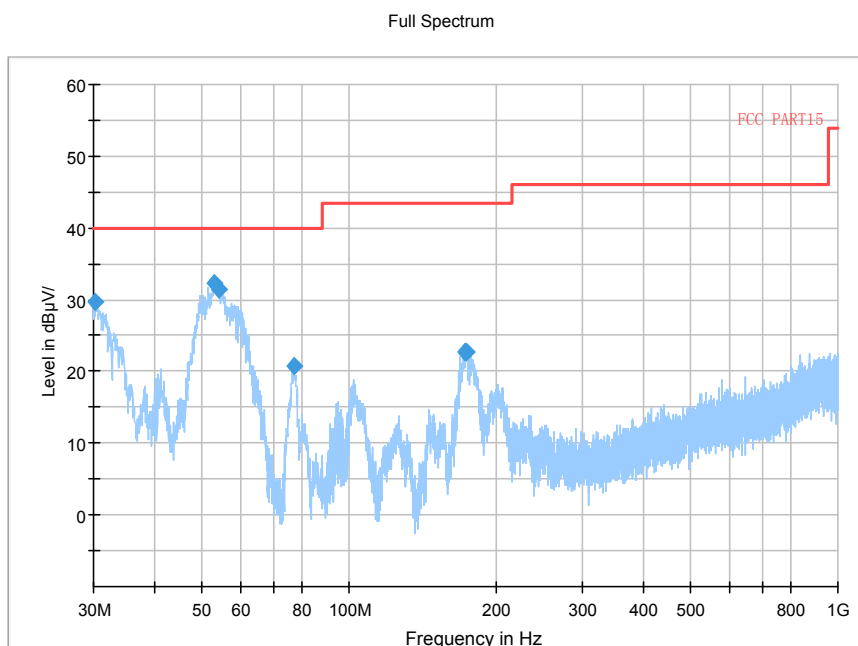


Frequency Range: 3GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

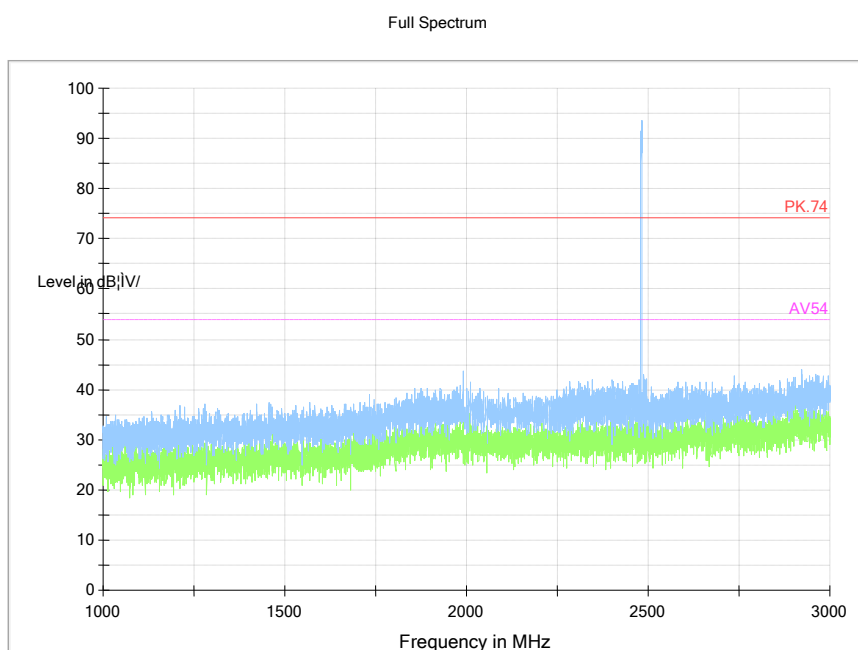
Full Spectrum



Frequency Range: 18GHz-40GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

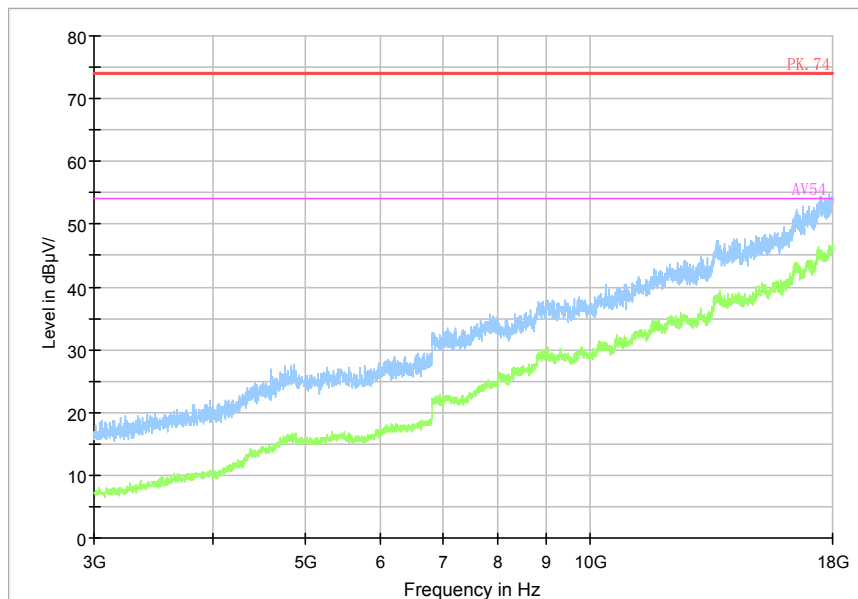


Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK



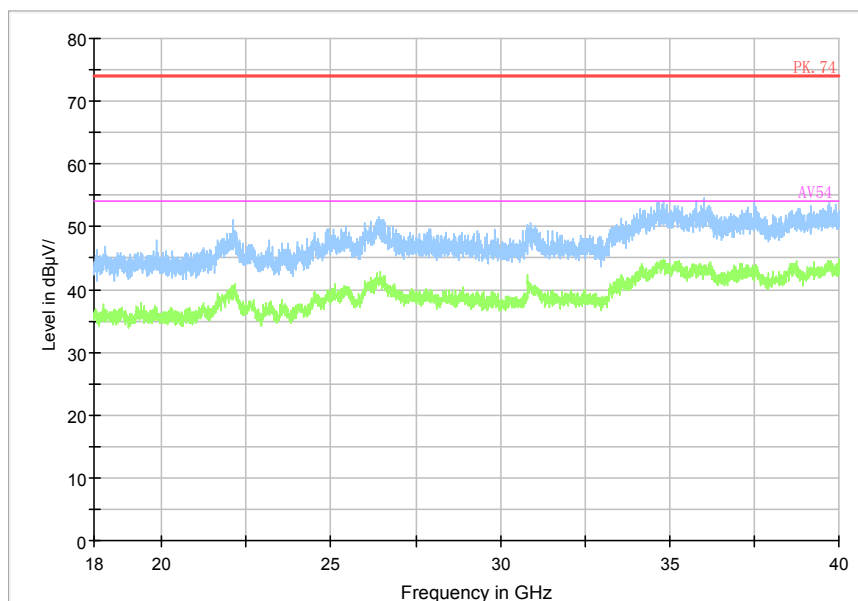
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum



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

Full Spectrum



Frequency Range: 18GHz-40GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

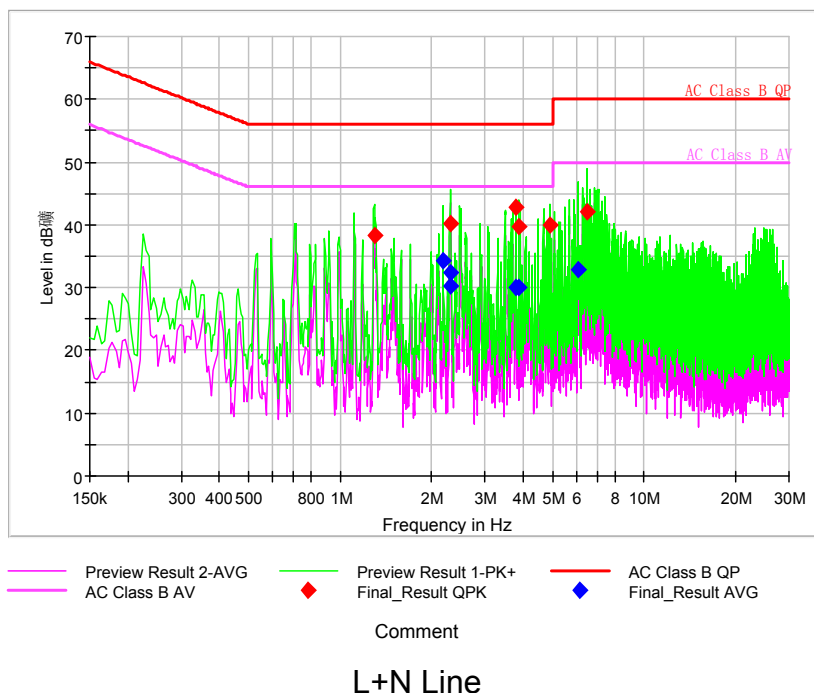
AC Power line Conducted Emission

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: $(38.25 \text{ dB}\mu\text{V}) = (8.55 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$, the corresponding frequency is 1.297359MHz.



MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)	Pmea Average (dBμV)
1.297359	38.25	---	56.00	17.75	L	29.7	8.55	---
2.183531	---	34.30	46.00	11.70	L	29.7	---	4.6
2.300133	---	32.30	46.00	13.70	L	29.7	---	2.6
2.300133	40.22	---	56.00	15.78	L	29.7	10.52	---
2.314125	---	30.16	46.00	15.84	L	29.7	---	0.46
3.778641	---	29.98	46.00	16.02	L	29.7	---	0.28
3.778641	42.71	---	56.00	13.29	L	29.7	13.01	---
3.890578	39.83	---	56.00	16.17	L	29.7	10.13	---
3.890578	---	30.09	46.00	15.91	N	29.7	---	0.39
4.888688	40.08	---	56.00	15.92	N	29.7	10.38	---
6.073359	---	32.91	50.00	17.09	N	29.7	---	3.21
6.474469	42.19	---	60.00	17.81	L	29.7	12.49	---

---End of Test Report---