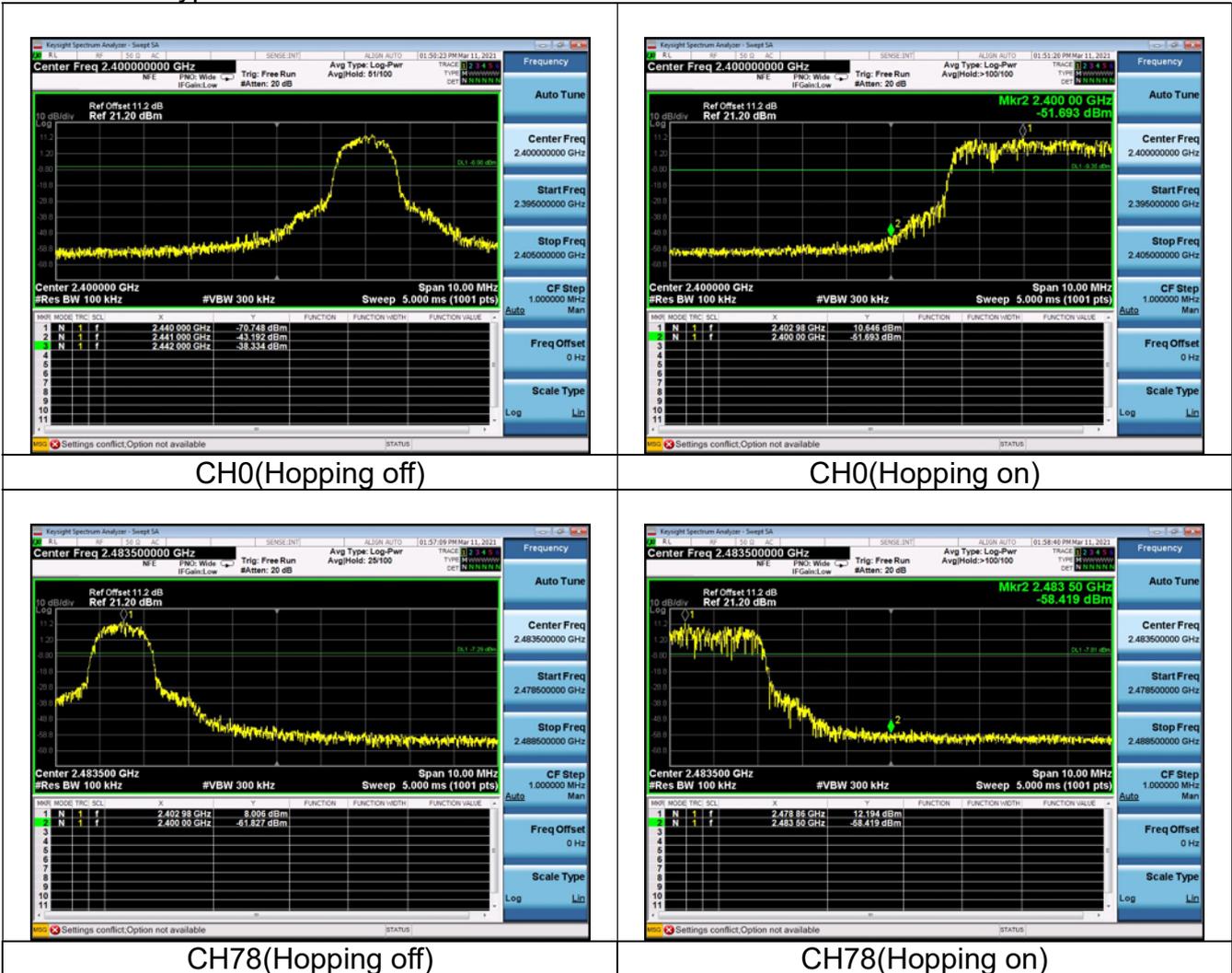
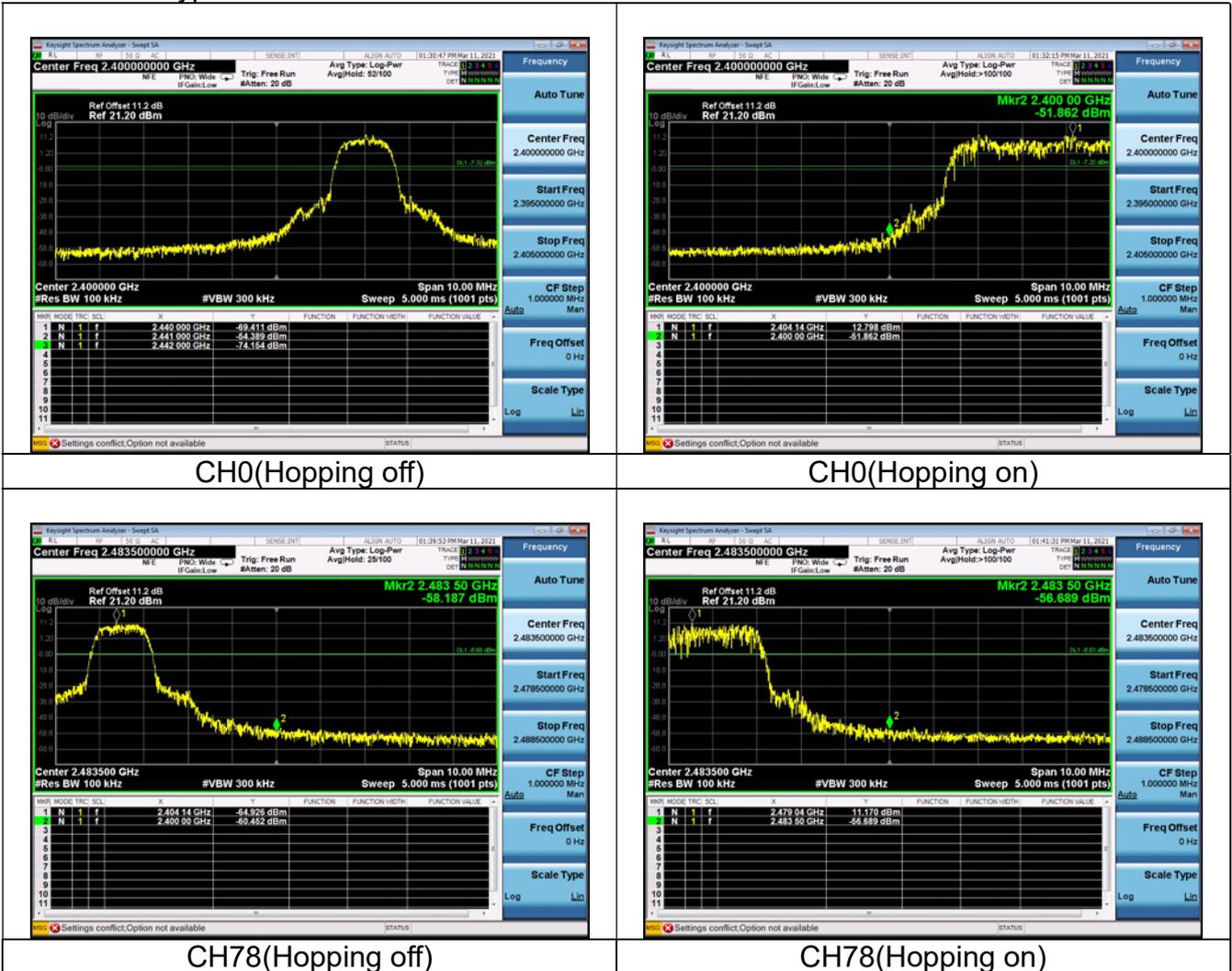


Modulation type: $\pi/4$ DQPSK



Modulation type: 8DPSK



APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emission Band Edge

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (92.16 dBuV/m) = (58.16 dBuV) + (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	92.16	58.16	N/A	N/A	8.90	25.10
2	2390	42.38	8.38	-31.62	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	90.15	56.15	N/A	N/A	8.90	25.10
2	2390	41.26	7.26	-32.74	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	90.13	56.13	N/A	N/A	8.90	25.10
2	2390	34.61	0.61	-19.39	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	87.44	53.44	N/A	N/A	8.90	25.10
2	2390	33.95	-0.05	-20.05	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	90.70	56.70	N/A	N/A	8.90	25.10
2	2483.5	43.91	9.91	-30.09	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	88.39	54.39	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	87.38	53.38	N/A	N/A	8.90	25.10
2	2483.5	33.12	-0.88	-20.88	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	84.78	50.78	N/A	N/A	8.90	25.10
2	2483.5	32.25	-1.75	-21.75	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 (dB/m)
1	2402	92.65	58.65	N/A	N/A	8.90	25.10
2	2390	43.25	9.25	-30.75	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	89.67	55.67	N/A	N/A	8.90	25.10
2	2390	42.23	8.23	-31.77	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	90.68	56.68	N/A	N/A	8.90	25.10
2	2390	34.49	0.49	-19.51	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	88.33	54.33	N/A	N/A	8.90	25.10
2	2390	33.03	-0.97	-20.97	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	88.41	54.41	N/A	N/A	8.90	25.10
2	2483.5	42.44	8.44	-31.56	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	85.95	51.95	N/A	N/A	8.90	25.10
2	2483.5	41.41	7.41	-32.59	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	86.16	52.16	N/A	N/A	8.90	25.10
2	2483.5	34.25	0.25	-19.75	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	83.29	49.29	N/A	N/A	8.90	25.10
2	2483.5	32.67	-1.33	-21.33	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	91.98	57.98	N/A	N/A	8.90	25.10
2	2390	42.48	8.48	-31.52	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	89.24	55.24	N/A	N/A	8.90	25.10
2	2390	41.78	7.78	-32.22	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	90.46	56.46	N/A	N/A	8.90	25.10
2	2390	34.39	0.39	-19.61	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	87.68	53.68	N/A	N/A	8.90	25.10
2	2390	34.08	0.08	-19.92	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	89.71	55.71	N/A	N/A	8.90	25.10
2	2483.5	43.85	9.85	-30.15	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	86.76	52.76	N/A	N/A	8.90	25.10
2	2483.5	43.44	9.44	-30.56	74.00	8.90	25.10

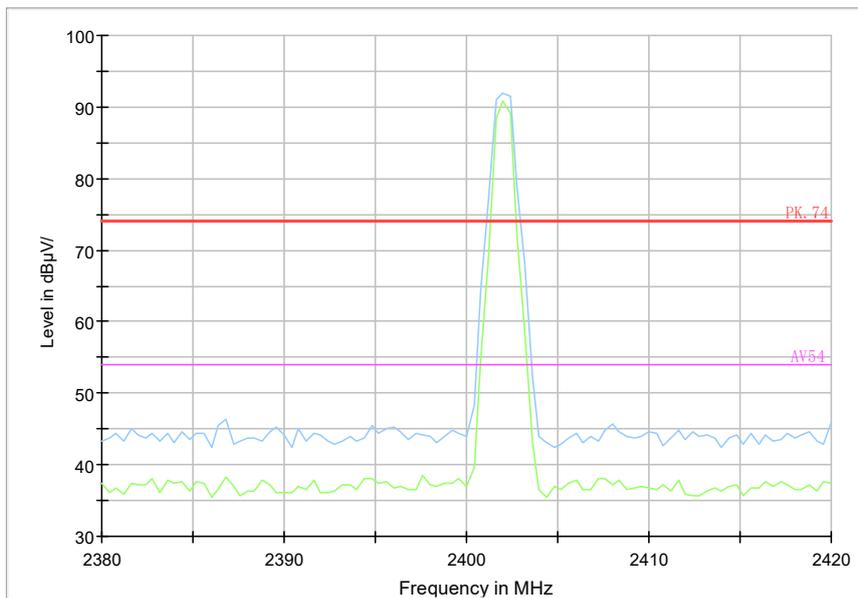
Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: 8DPSK
Polarity: Vertical
Detector: Average

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	86.81	52.81	N/A	N/A	8.90	25.10
2	2483.5	34.11	0.11	-19.89	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	84.32	50.32	N/A	N/A	8.90	25.10
2	2483.5	32.13	-1.87	-21.87	54.00	8.90	25.10

Full Spectrum



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: (21.80 dB μ V/m) = (40.50 dB μ V) + (-18.7dB/m), the corresponding frequency is 39.435000MHz.

The worst case attitude: The mobile lay down.

For GFSK

Channel No.:0

Frequency (MHz)	Result (dB μ V/m)	ARpl (dB/m)	Pmea (dB μ V)	Polarity	Limit (dB μ V/m)
39.435000	21.80	-18.7	40.50	Vertical	40.00
58.289500	22.58	-18.6	41.18	Vertical	40.00
154.072000	26.10	-22.2	48.30	Vertical	43.50
176.969000	24.58	-21.1	45.68	Vertical	43.50
512.772000	15.89	-10.2	26.09	Vertical	46.00
922.285500	17.00	-2.9	19.90	Vertical	46.00

For $\pi/4$ DQPSK

Channel No.:0

Frequency (MHz)	Result (dB μ V/m)	ARpl (dB/m)	Pmea (dB μ V)	Polarity	Limit (dB μ V/m)
39.791500	21.57	-18.6	40.17	Vertical	40.00
58.412000	22.34	-18.6	40.94	Vertical	40.00
154.125500	26.20	-22.2	48.40	Vertical	43.50
177.109500	24.52	-21.1	45.62	Vertical	43.50
517.285000	16.20	-10.1	26.30	Vertical	46.00
951.819500	17.09	-2.6	19.69	Vertical	46.00

For 8DPSK

Channel No.:0

Frequency (MHz)	Result (dB μ V/m)	ARpl (dB/m)	Pmea (dB μ V)	Polarity	Limit (dB μ V/m)
39.851000	20.40	-18.6	39.00	Vertical	40.00
58.335500	22.29	-18.6	40.89	Vertical	40.00
152.885000	26.09	-22.2	48.29	Vertical	43.50
177.021000	24.32	-21.1	45.42	Vertical	43.50
517.464500	16.11	-10.1	26.21	Vertical	46.00
916.973500	16.84	-2.9	19.74	Vertical	46.00

For GFSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
40.903500	20.21	-18.4	38.61	Vertical	40.00
58.509000	21.93	-18.6	40.53	Vertical	40.00
152.919000	26.04	-22.2	48.24	Vertical	43.50
177.257500	24.23	-21.1	45.33	Vertical	43.50
517.310500	15.96	-10.1	26.06	Vertical	46.00
936.436500	16.88	-2.7	19.58	Vertical	46.00

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

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
40.730000	20.35	-18.4	38.75	Vertical	40.00
58.318500	22.10	-18.6	40.70	Vertical	40.00
154.211500	26.04	-22.1	48.14	Vertical	43.50
177.517000	23.84	-21.0	44.84	Vertical	43.50
514.290000	16.00	-10.2	26.20	Vertical	46.00
941.737500	16.85	-2.7	19.55	Vertical	46.00

For 8DPSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
41.240500	19.49	-18.4	37.89	Vertical	40.00
58.298000	22.03	-18.6	40.63	Vertical	40.00
154.420000	26.13	-22.1	48.23	Vertical	43.50
176.964000	23.64	-21.1	44.74	Vertical	43.50
515.967000	16.11	-10.2	26.31	Vertical	46.00
951.585500	16.84	-2.6	19.44	Vertical	46.00

For GFSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
39.469000	21.39	-18.7	40.09	Vertical	40.00
58.284500	21.98	-18.6	40.58	Vertical	40.00
154.488000	26.05	-22.1	48.15	Vertical	43.50
176.201500	23.12	-21.1	44.22	Vertical	43.50
512.932000	15.34	-10.2	25.54	Vertical	46.00
930.049000	16.39	-2.8	19.19	Vertical	46.00

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

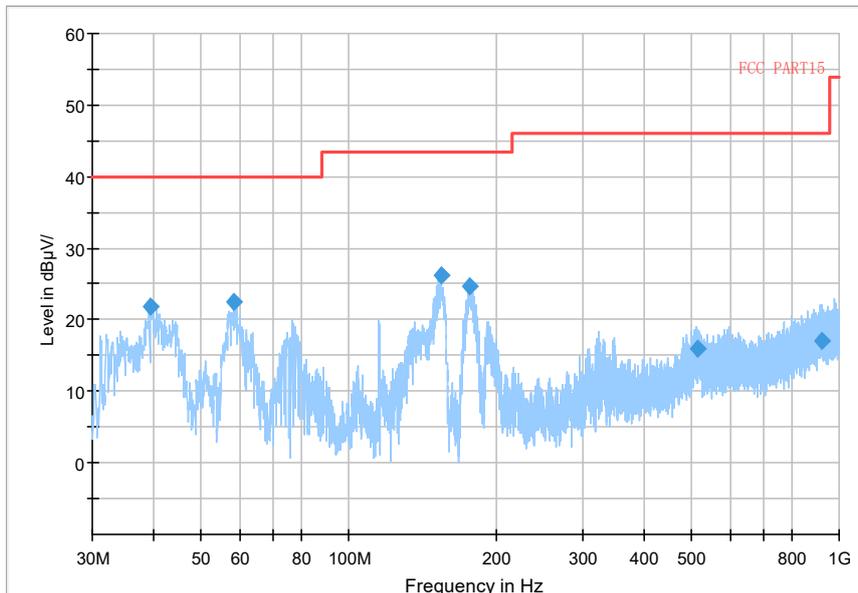
Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
39.905500	21.35	-18.5	39.85	Vertical	40.00
58.335500	21.88	-18.6	40.48	Vertical	40.00
154.479500	26.03	-22.1	48.13	Vertical	43.50
177.255000	23.63	-21.1	44.73	Vertical	43.50
555.520000	13.82	-9.1	22.92	Vertical	46.00
933.925500	16.69	-2.7	19.39	Vertical	46.00

For 8DPSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
39.854500	21.46	-18.5	39.96	Vertical	40.00
58.315000	21.83	-18.6	40.43	Vertical	40.00
154.576500	26.07	-22.1	48.17	Vertical	43.50
177.497500	23.46	-21.0	44.46	Vertical	43.50
518.417500	15.14	-10.1	25.24	Vertical	46.00
930.442000	16.62	-2.8	19.42	Vertical	46.00

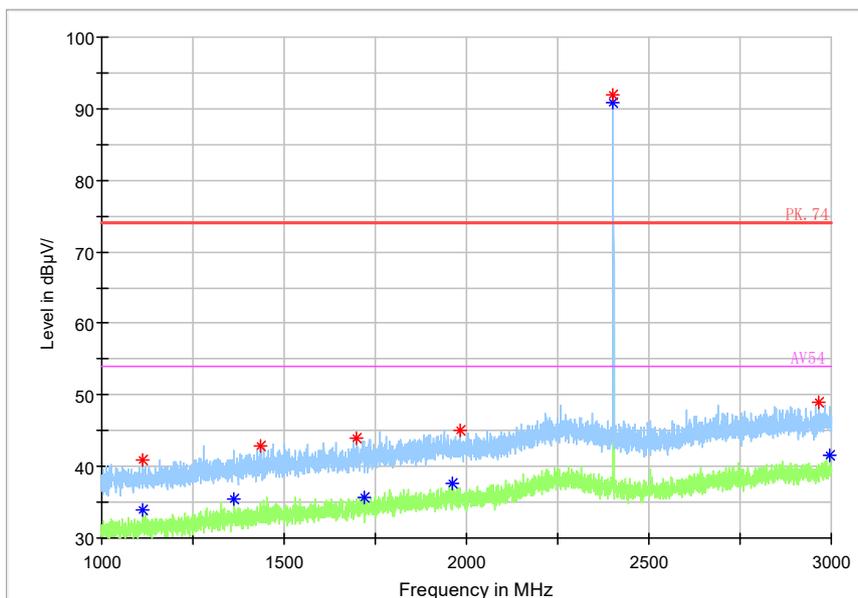
Carrier frequency (MHz): 2402
Channel No.:0

Full Spectrum



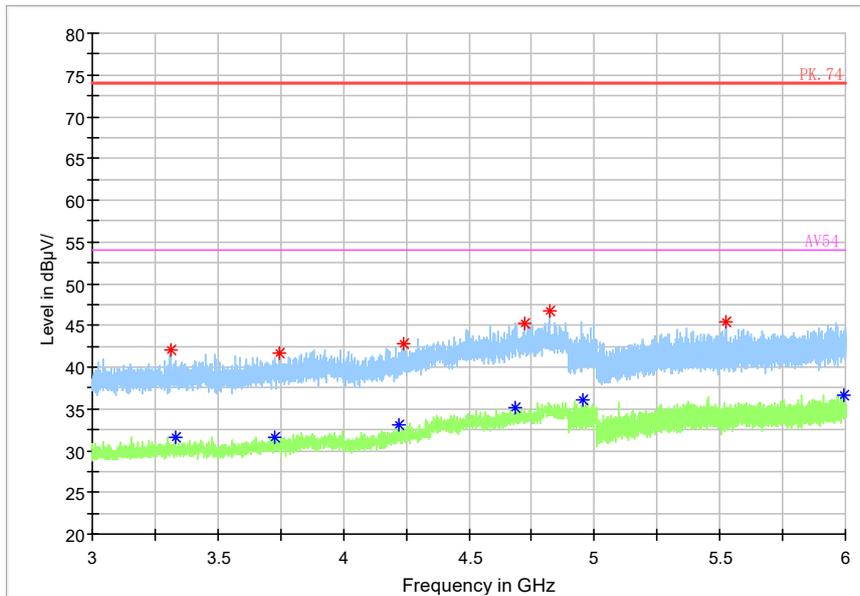
Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK

Full Spectrum



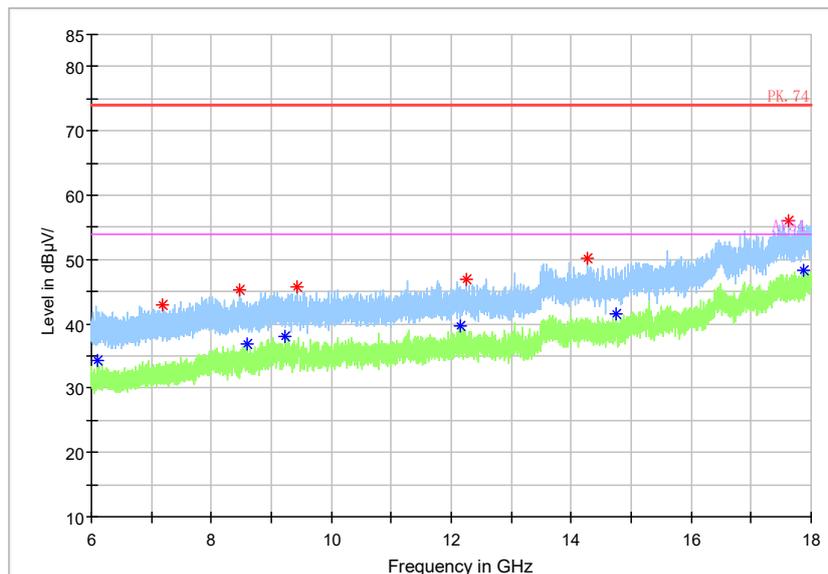
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



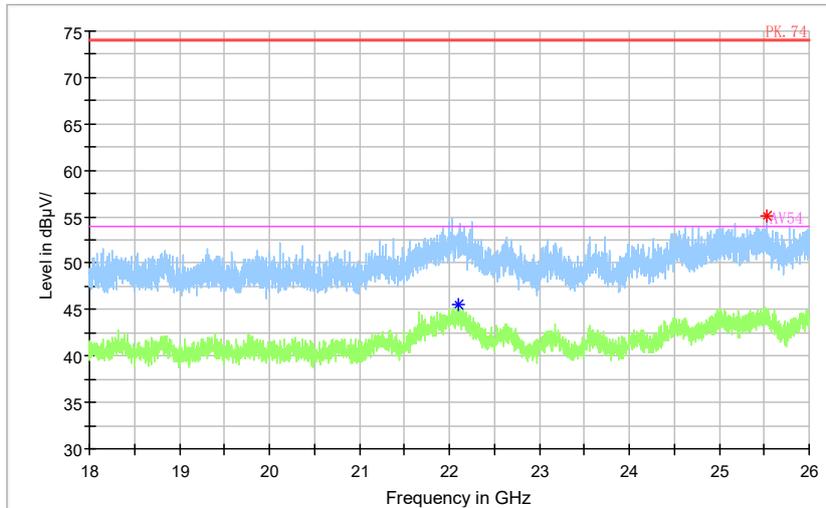
Frequency Range: 3GHz- 6GHz
 Detector: Av mode and PK mode
 Modulation type: GFSK

Full Spectrum



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

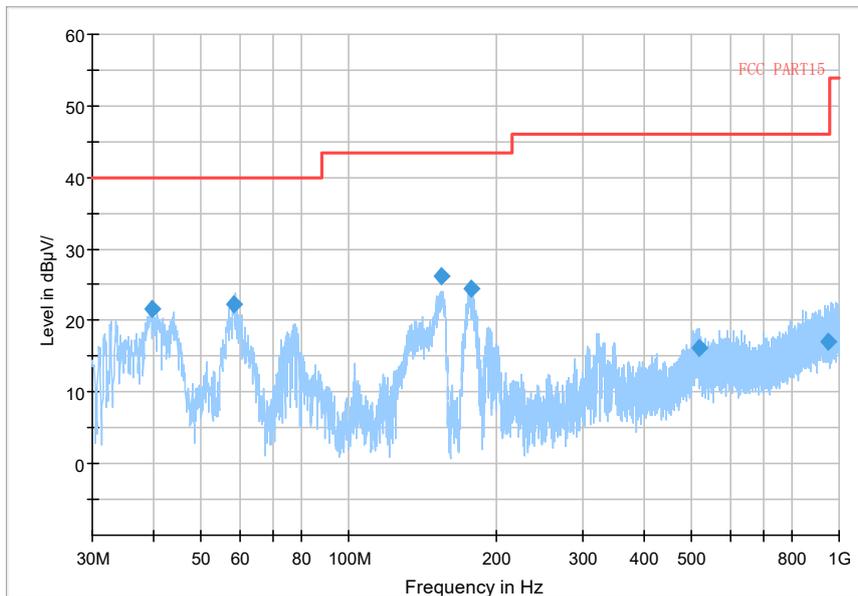
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- * Critical_Freqs AVG
- * Critical_Freqs PK+
- PK.74
- AV54
- ◆ Final_Result PK+
- ◆ Final_Result AVG

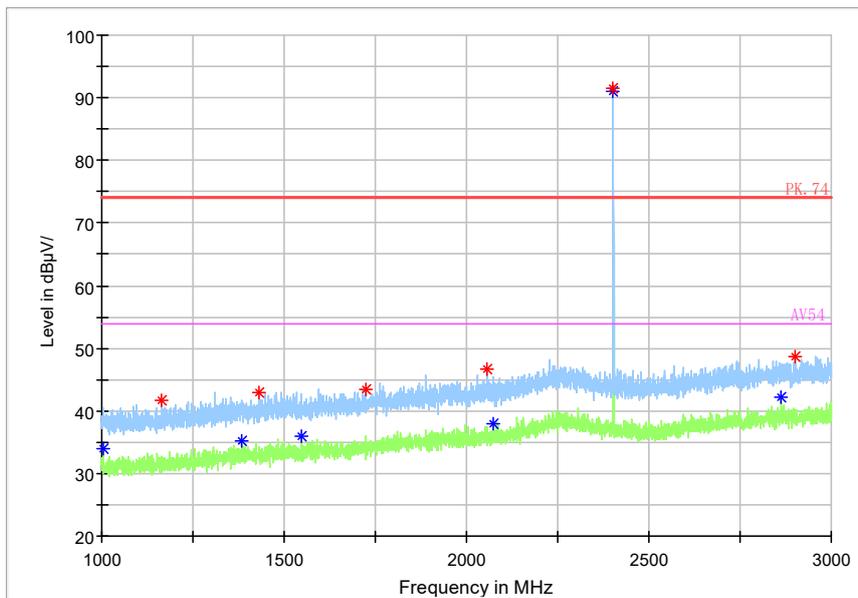
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



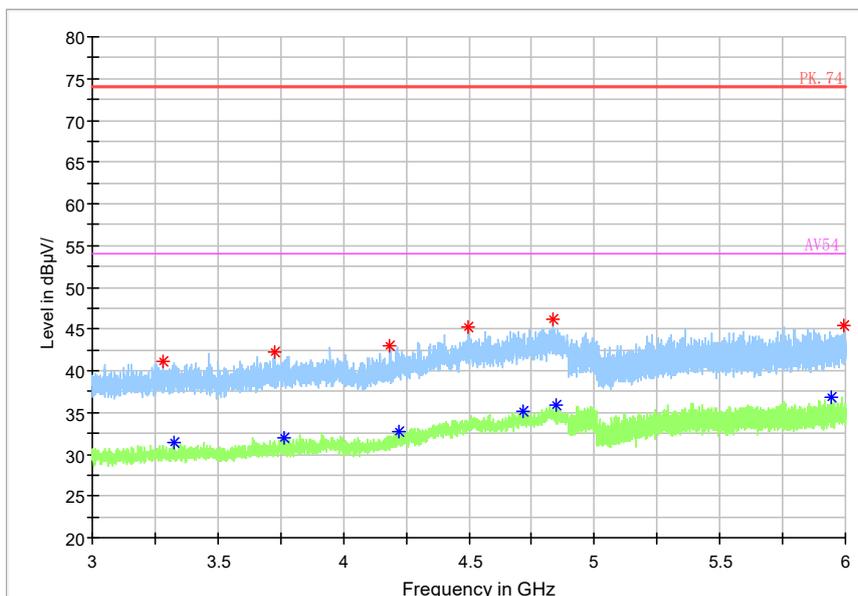
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



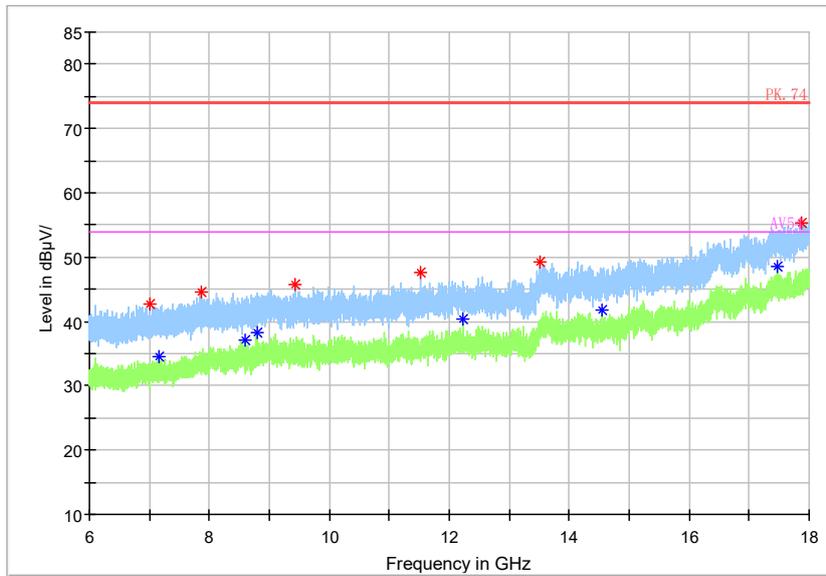
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



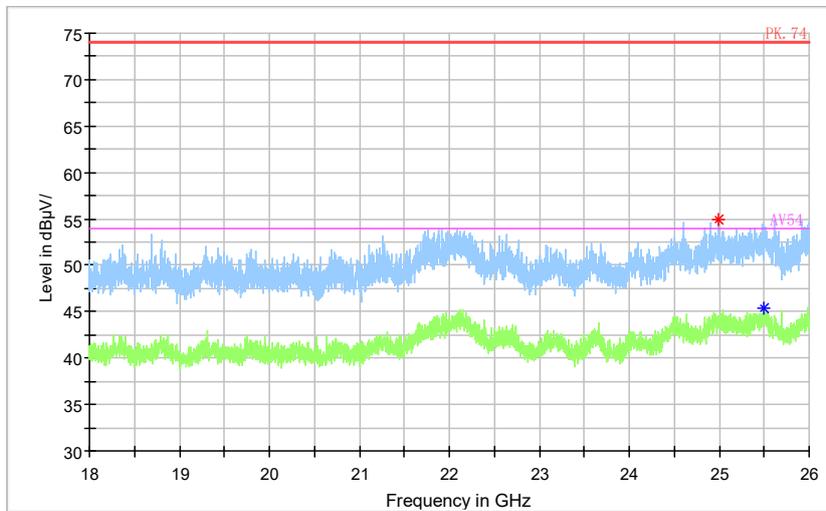
Frequency Range: 3GHz- 6GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



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

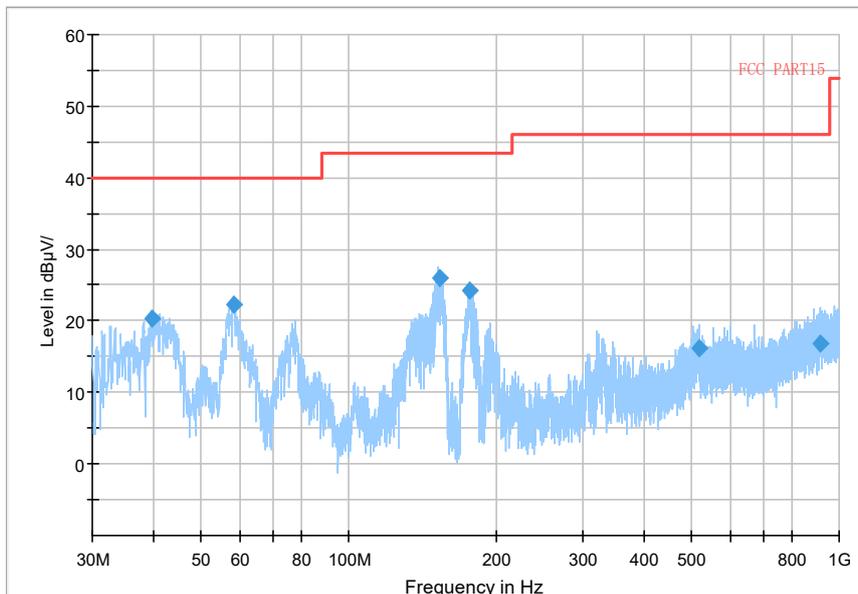
Full Spectrum



- ◆ Preview Result 2-AVG
- ◆ Final_Result PK+
- * Critical_Freqs PK+
- * Critical_Freqs AVG
- Preview Result 1-PK+
- AV54
- PK.74
- ◆ Final_Result AVG

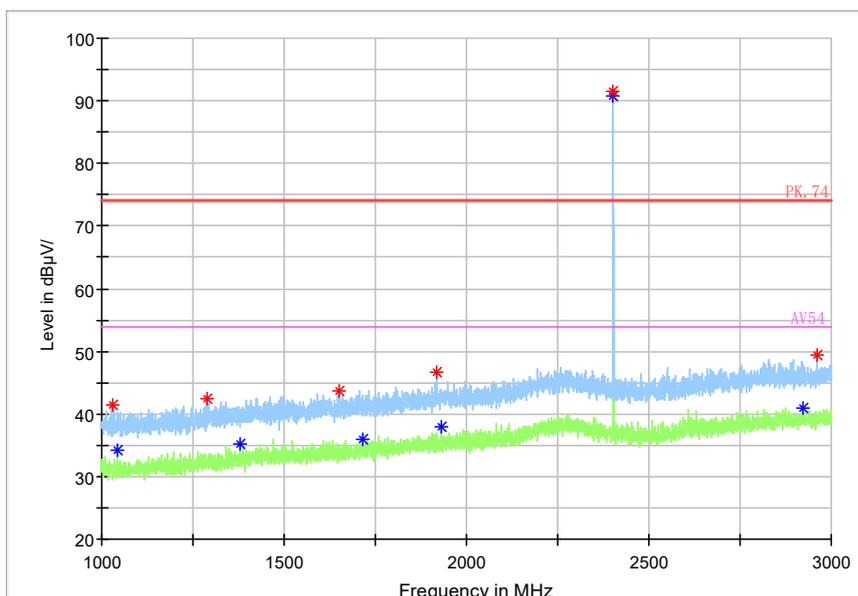
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



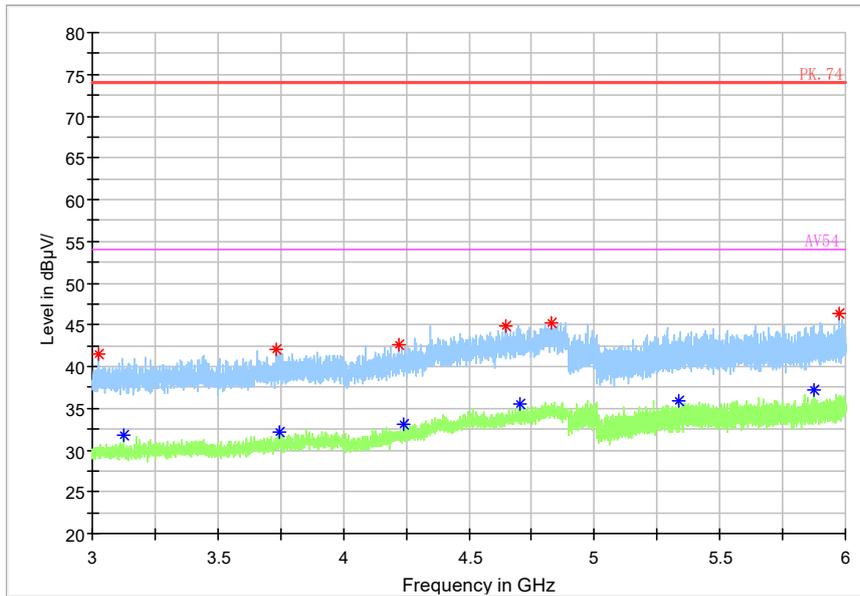
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK

Full Spectrum



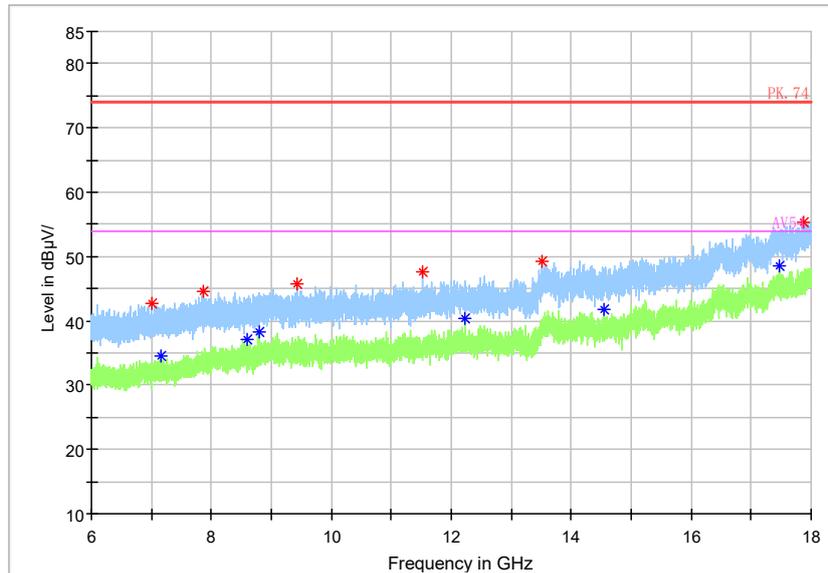
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum



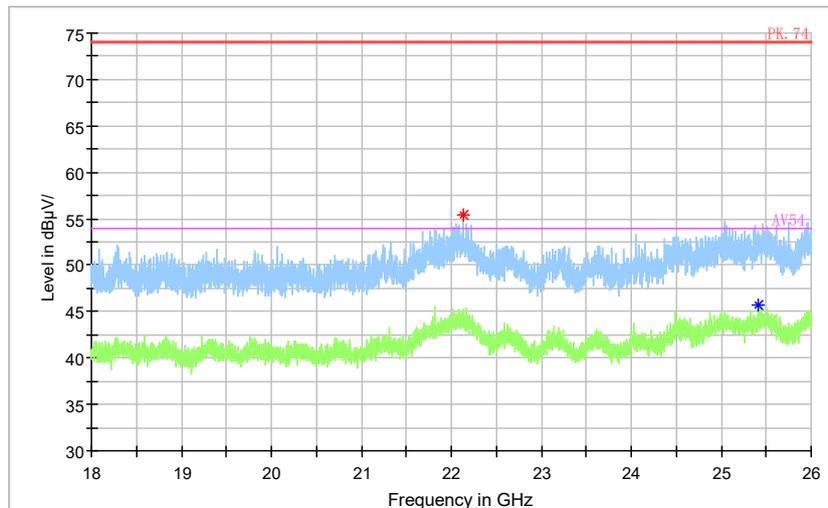
Frequency Range: 3GHz- 6GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum



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

Full Spectrum

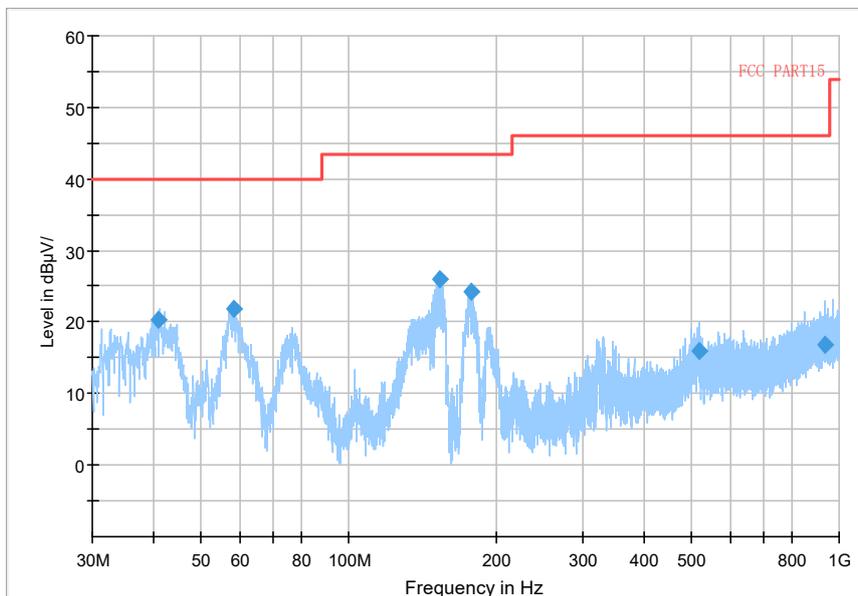


— Preview Result 2-AVG — Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ — PK.74 — AV54
◆ Final_Result PK+ ◆ Final_Result AVG

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

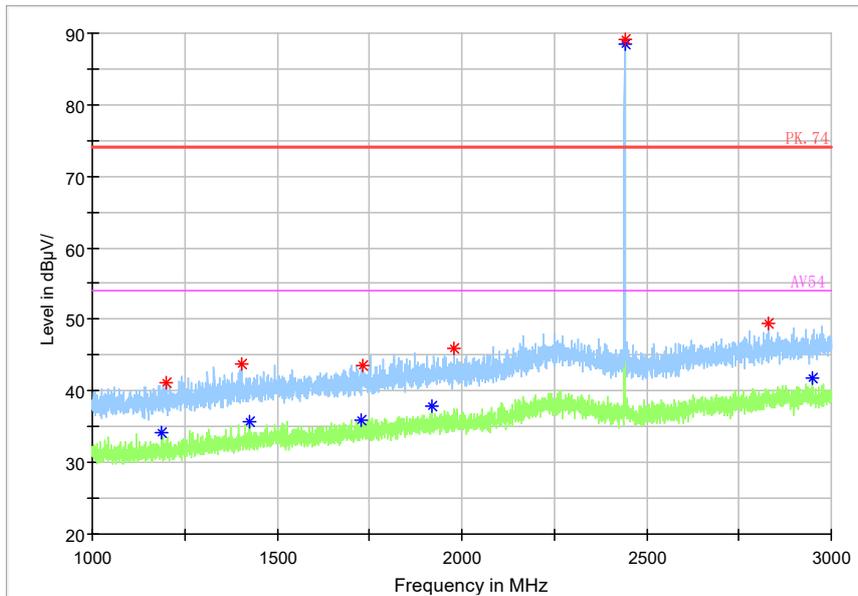
Carrier frequency (MHz): 2441
 Channel No.:39

Full Spectrum



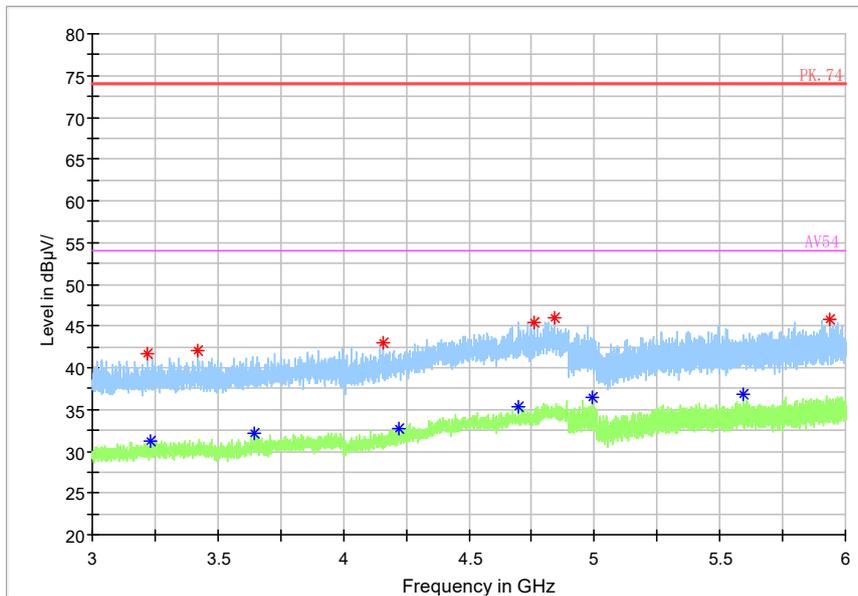
Frequency Range: 30MHz-1000MHz
 Detector: QP mode
 Modulation type: GFSK

Full Spectrum



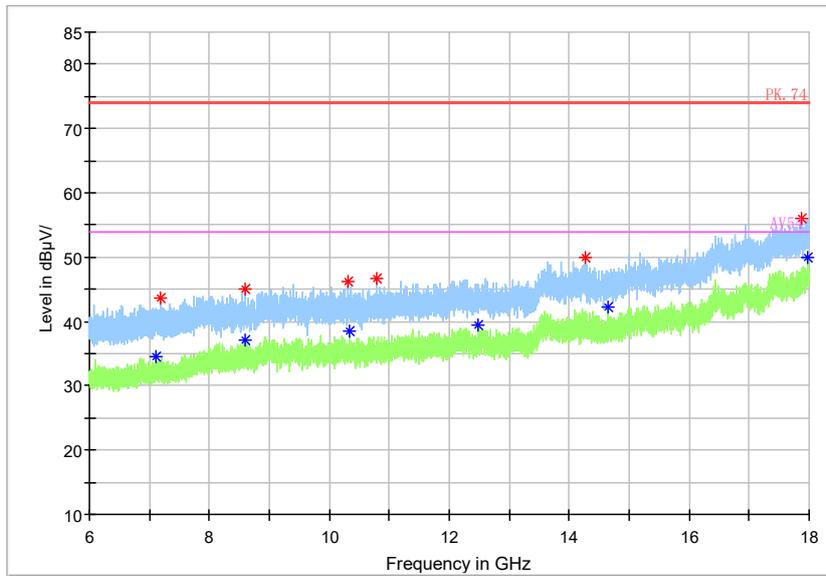
Frequency Range: 1GHz-3GHz
 Detector: Av mode and PK mode
 Modulation type: GFSK

Full Spectrum



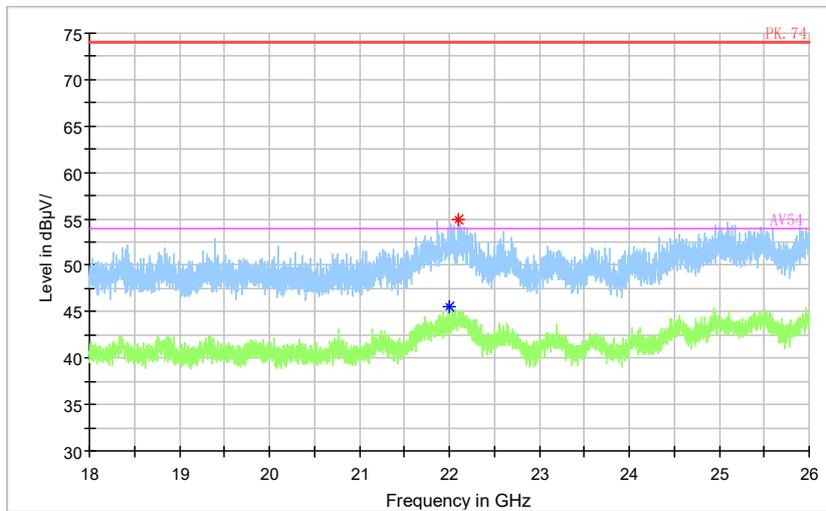
Frequency Range: 3GHz- 6GHz
 Detector: Av mode and PK mode
 Modulation type: GFSK

Full Spectrum



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

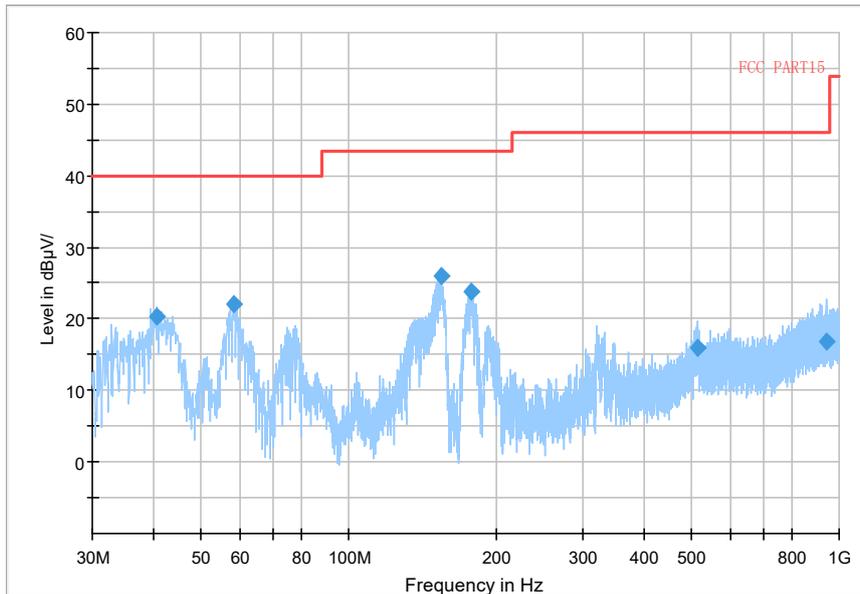
Full Spectrum



◆ Preview Result 2-AVG ◆ Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ ◆ Final_Result PK+ ◆ Final_Result AVG
◆ AV54

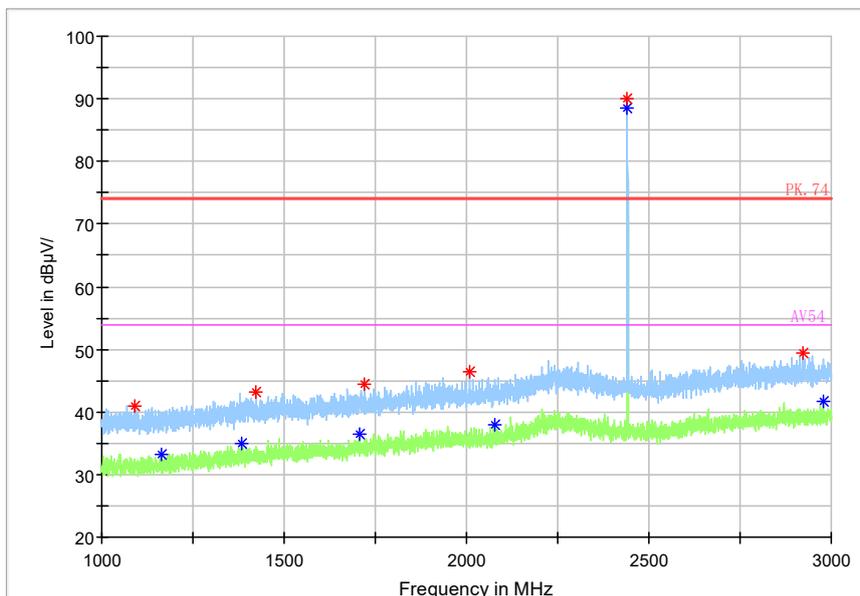
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



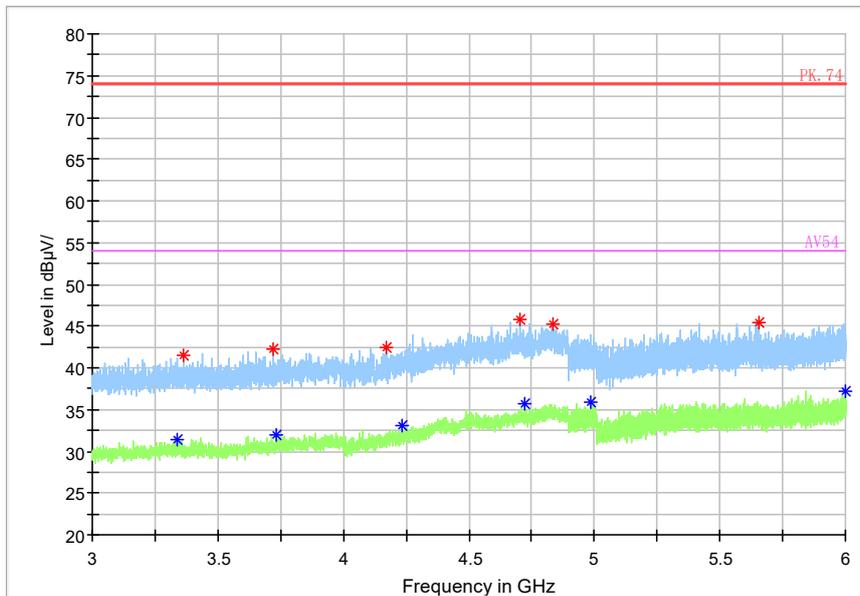
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



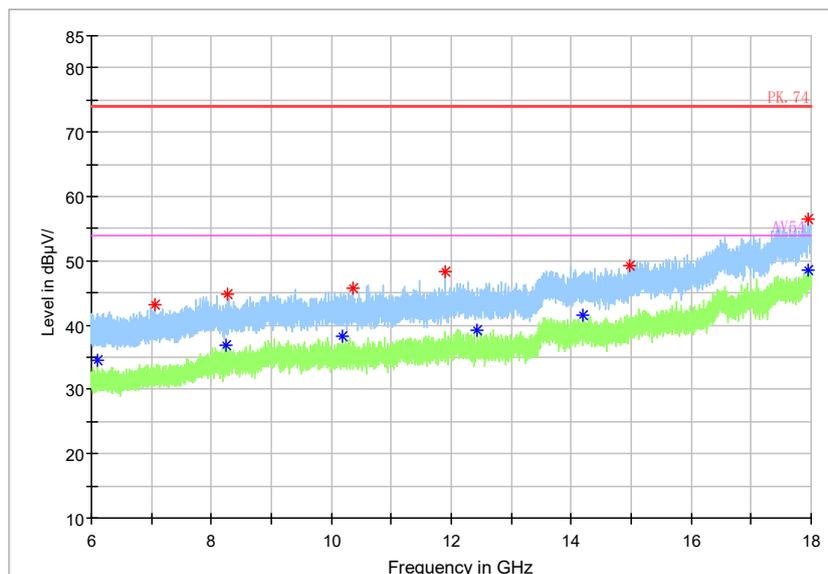
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



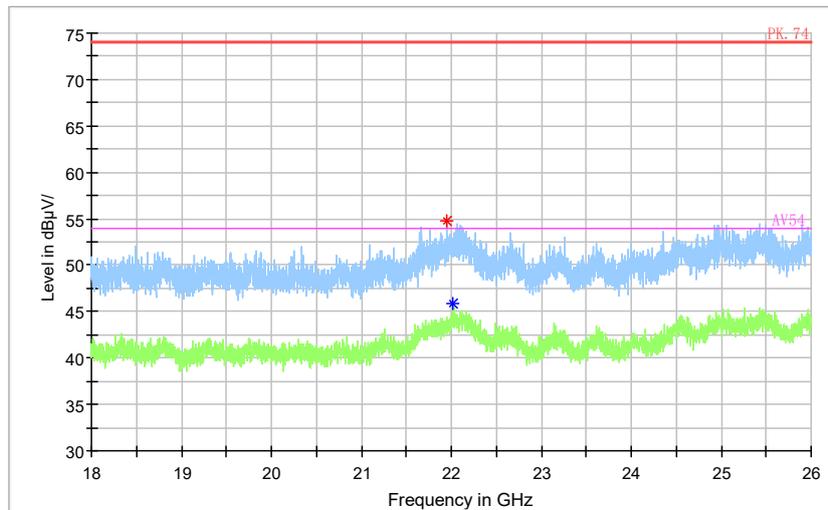
Frequency Range: 3GHz- 6GHz
 Detector: Av mode and PK mode
 Modulation type: $\pi/4$ DQPSK

Full Spectrum



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

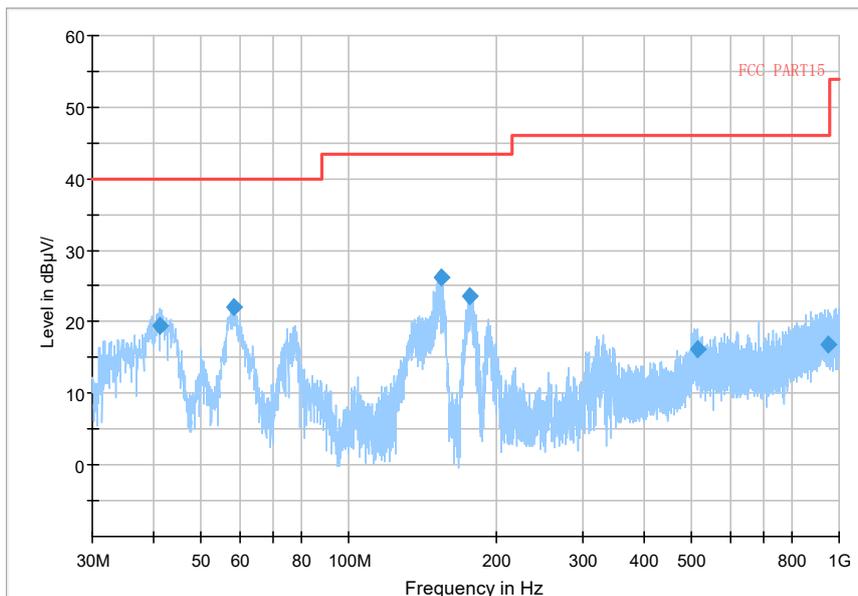
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- Critical_Freqs AVG AV54
- * Critical_Freqs PK+
- PK.74
- * Critical_Freqs AVG AV54
- ◆ Final_Result PK+
- ◆ Final_Result AVG

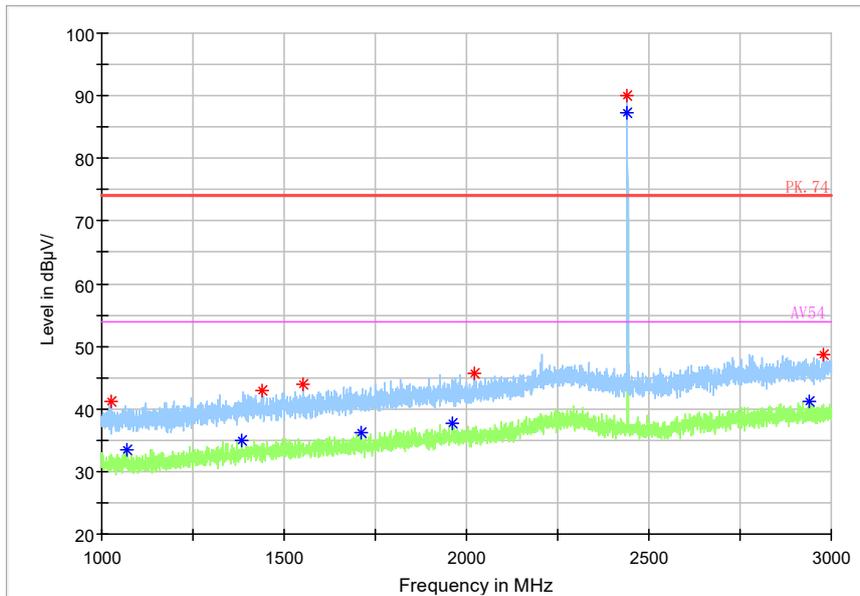
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



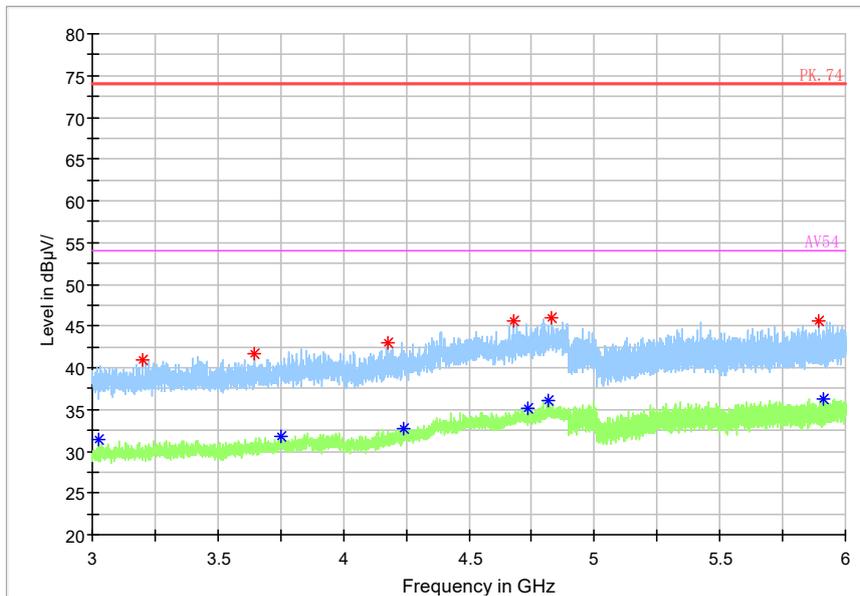
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK

Full Spectrum



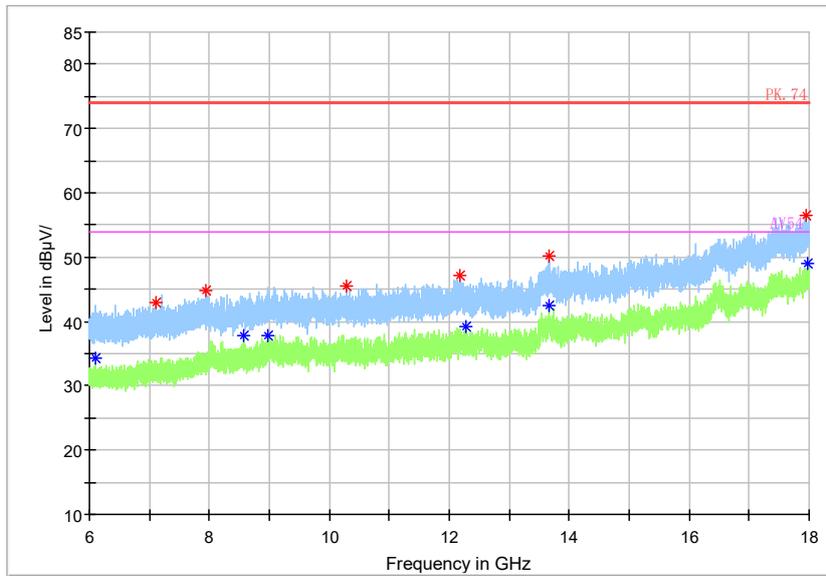
Frequency Range: 1GHz-3GHz
 Detector: Av mode and PK mode
 Modulation type: 8DPSK

Full Spectrum



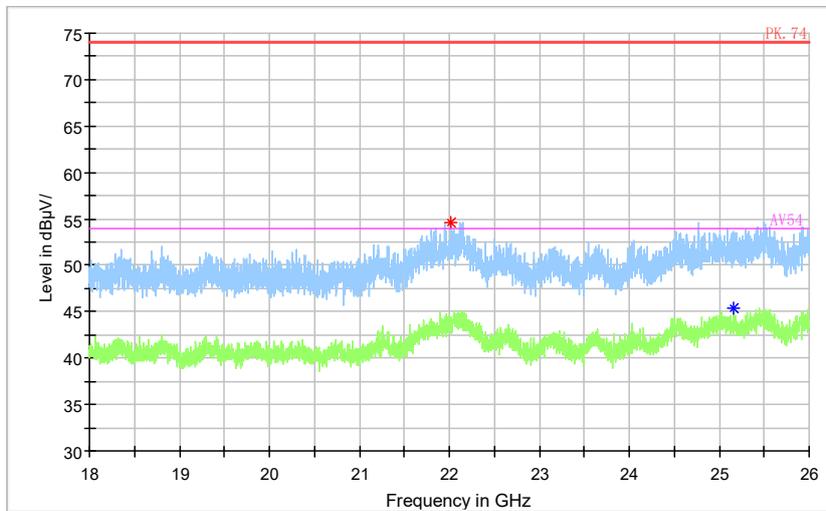
Frequency Range: 3GHz- 6GHz
 Detector: Av mode and PK mode
 Modulation type: 8DPSK

Full Spectrum



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

Full Spectrum

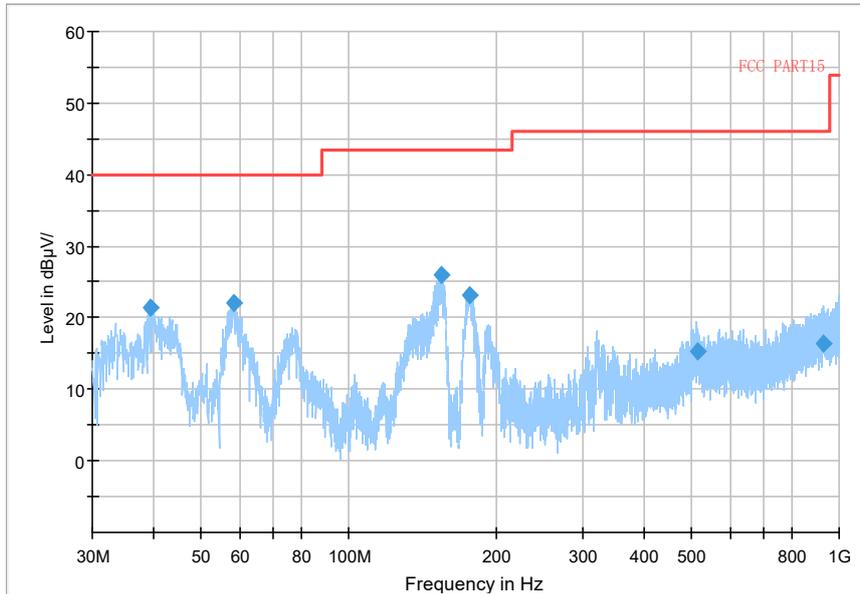


- ◆ Preview Result 2-AVG
- ◆ Final_Result PK+
- ◆ Critical_Freqs PK+
- ◆ Preview Result 1-PK+
- ◆ Final_Result AVG
- ◆ PK.74
- ◆ Critical_Freqs AVG
- ◆ AV54

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

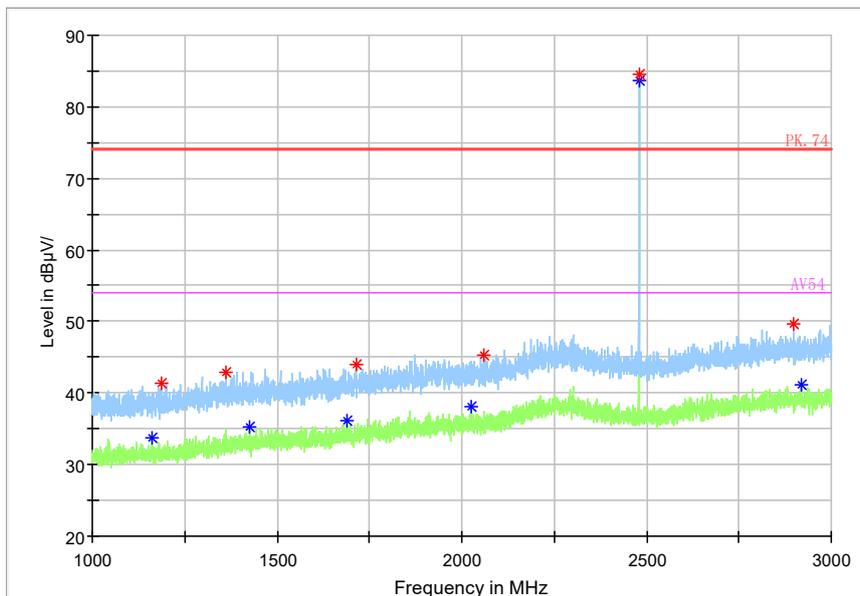
Carrier frequency (MHz): 2480
Channel No.:78

Full Spectrum



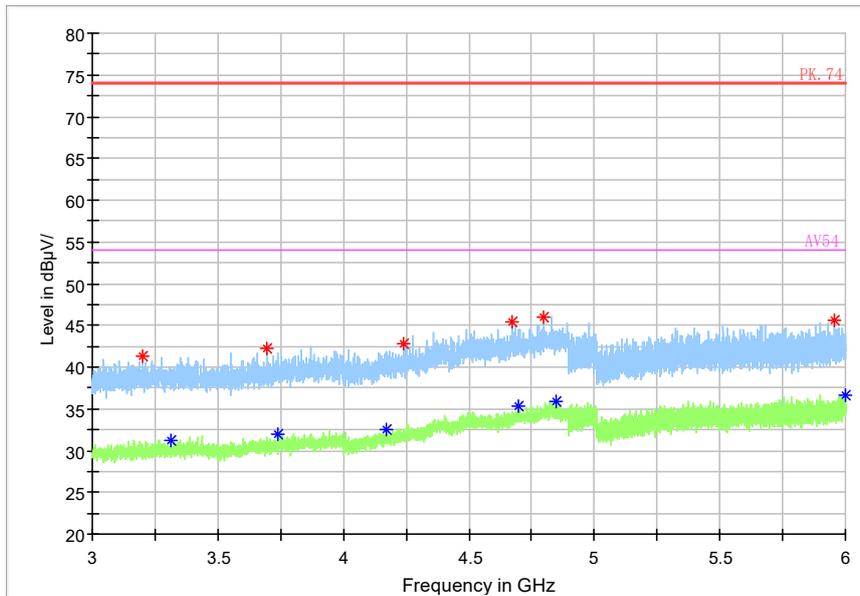
Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK

Full Spectrum



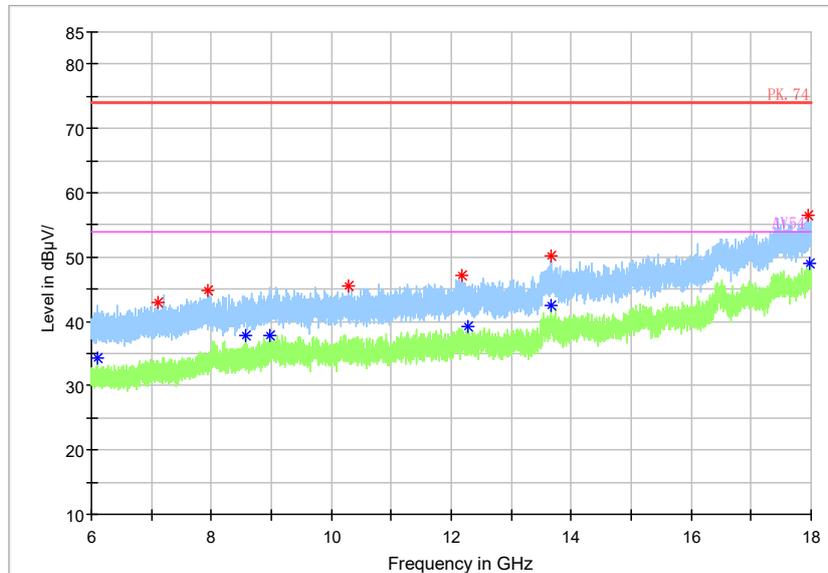
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



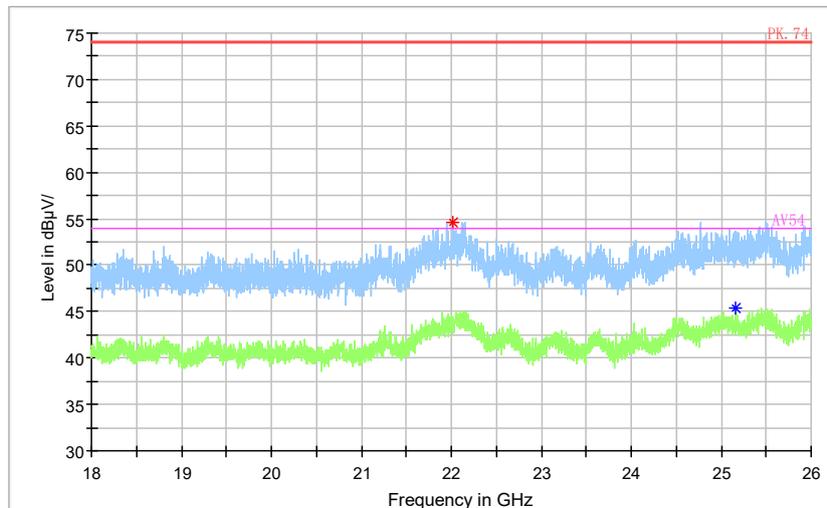
Frequency Range: 3GHz- 6GHz
 Detector: Av mode and PK mode
 Modulation type: GFSK

Full Spectrum



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

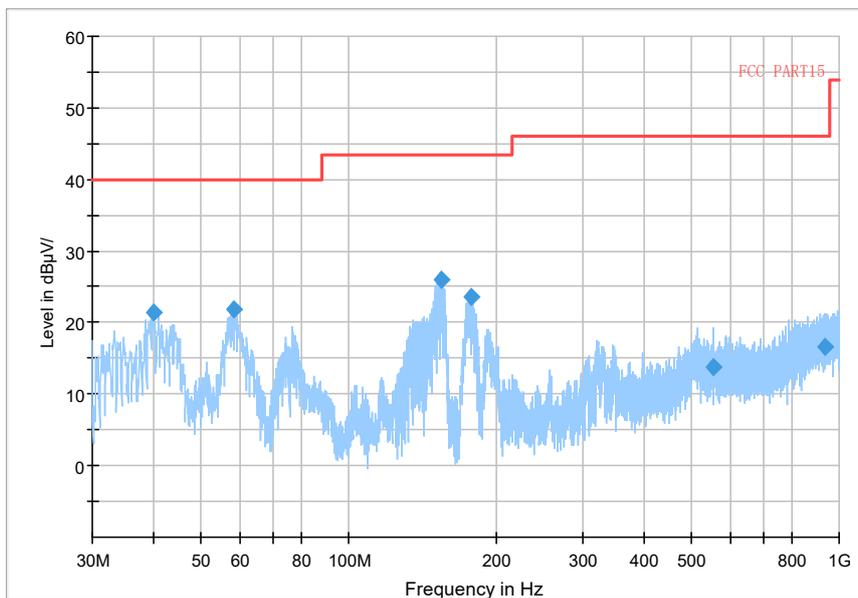
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- * Critical_Freqs AVG
- * Critical_Freqs PK+
- PK.74
- AV54
- ◆ Final_Result PK+
- ◆ Final_Result AVG

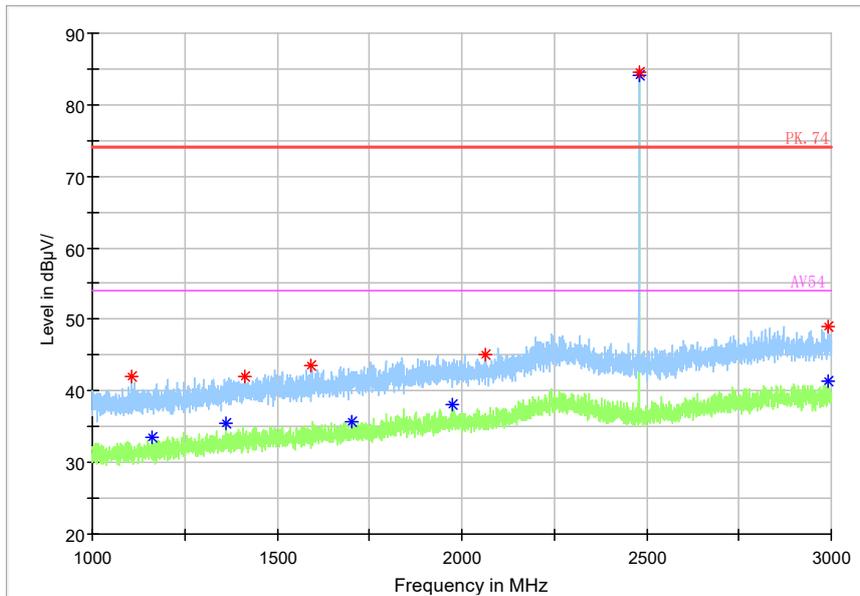
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



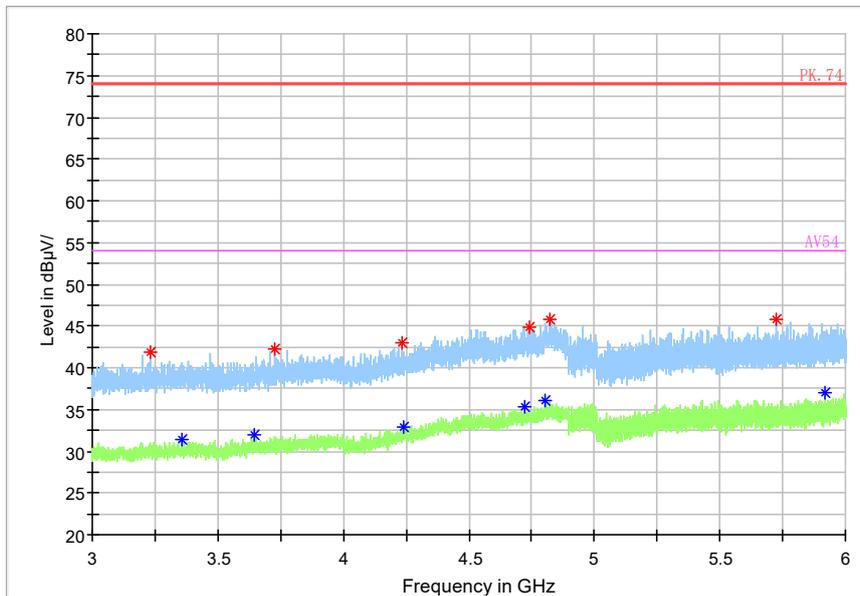
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



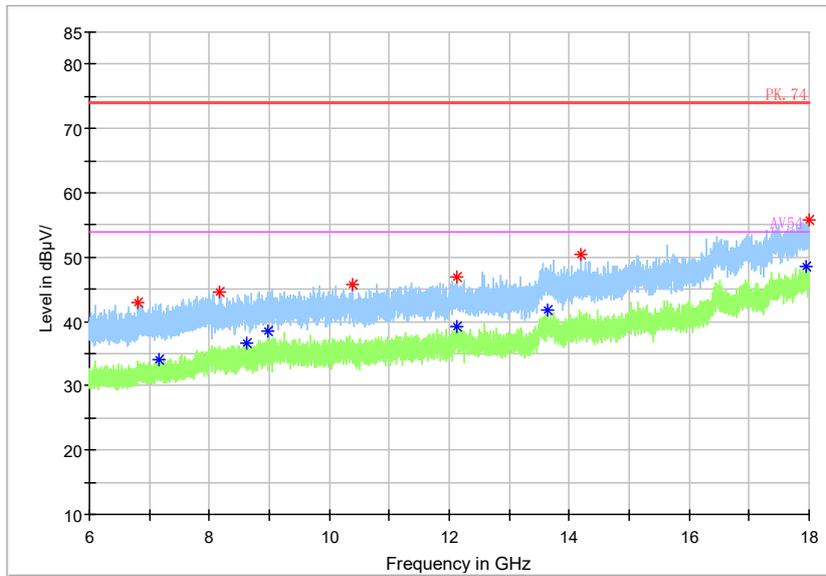
Frequency Range: 1GHz-3GHz
 Detector: Av mode and PK mode
 Modulation type: $\pi/4$ DQPSK

Full Spectrum



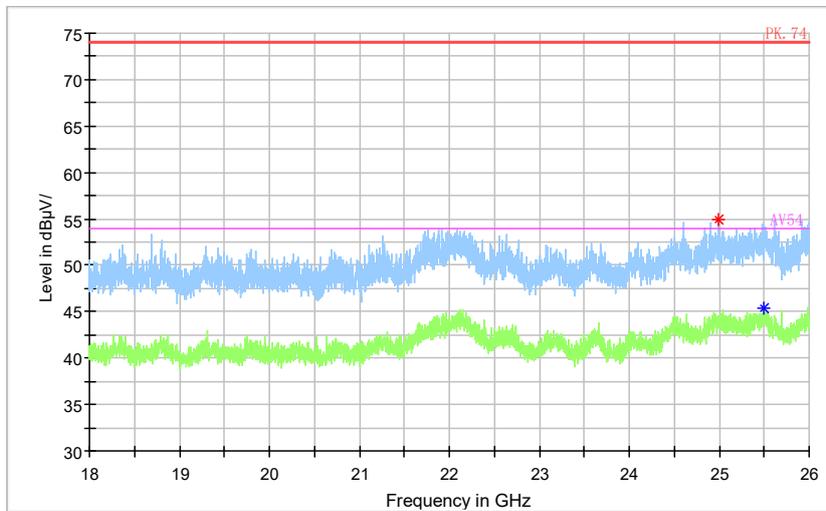
Frequency Range: 3GHz- 6GHz
 Detector: Av mode and PK mode
 Modulation type: $\pi/4$ DQPSK

Full Spectrum



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

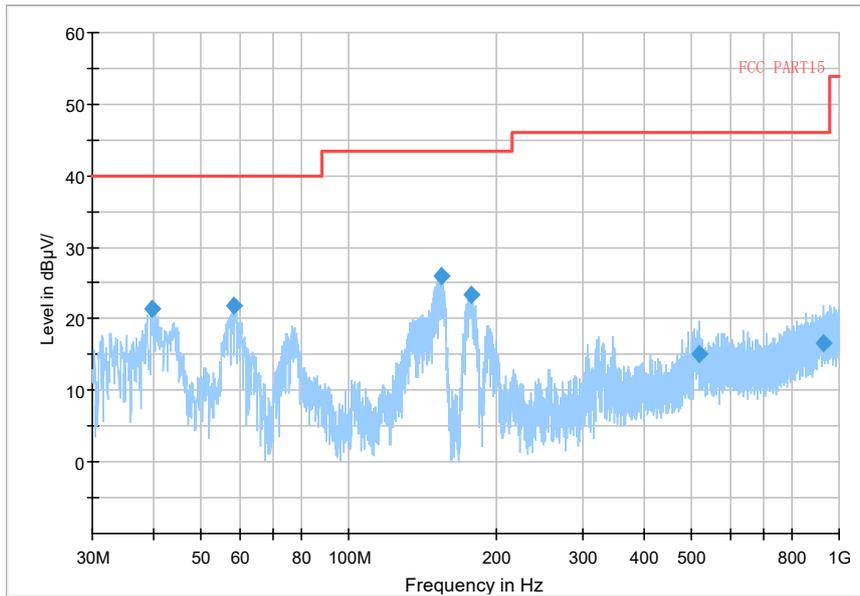
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- * Critical_Freqs PK+
- PK.74
- * Critical_Freqs AVG
- ◆ Final_Result PK+
- ◆ Final_Result AVG
- AV54

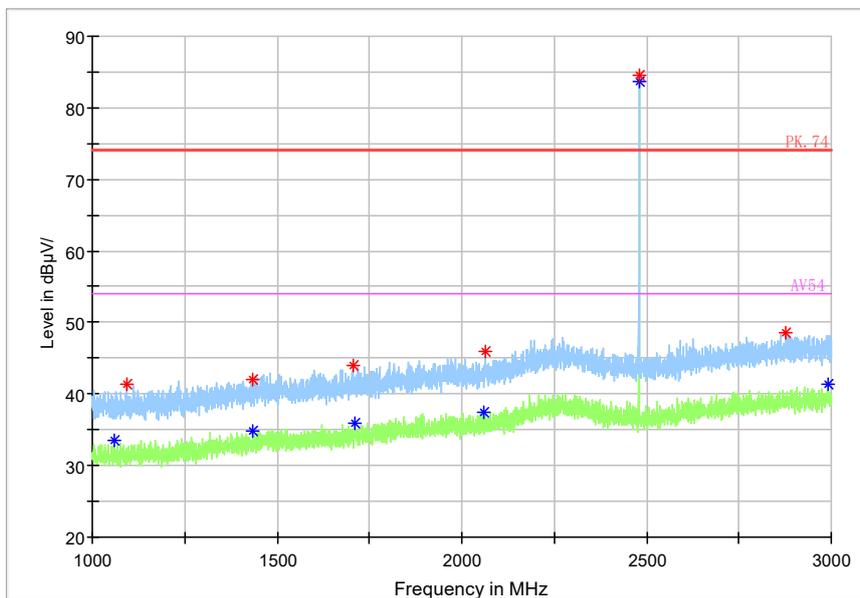
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



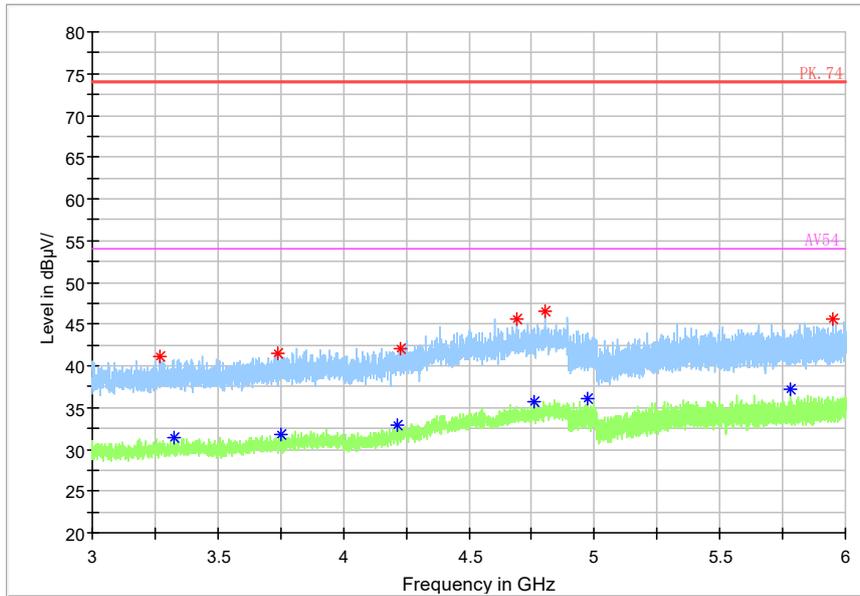
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK

Full Spectrum



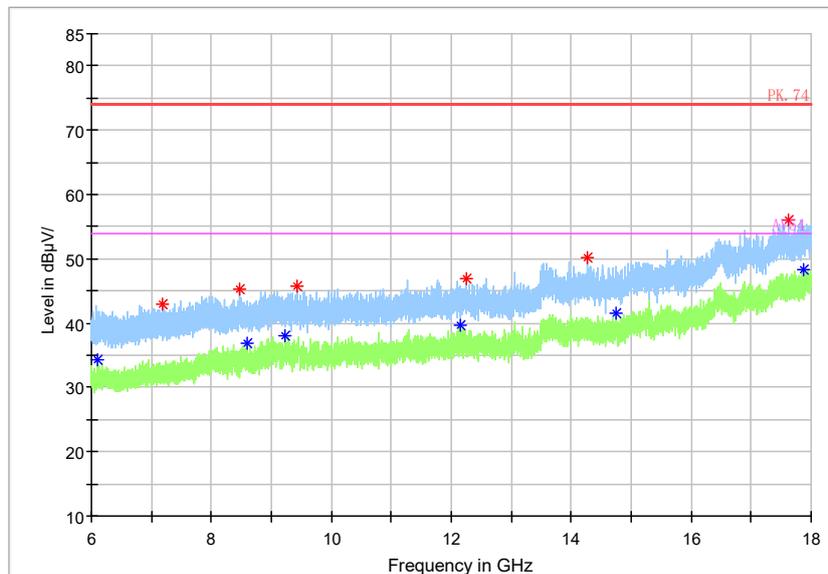
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum



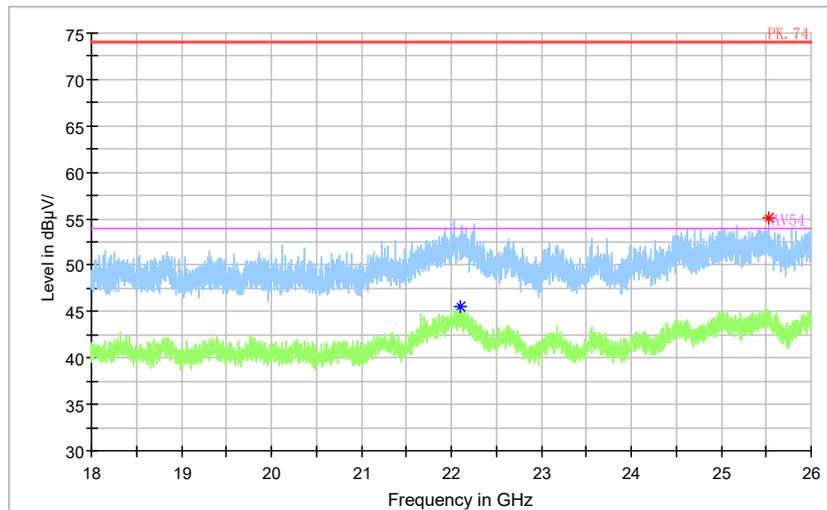
Frequency Range: 3GHz- 6GHz
 Detector: Av mode and PK mode
 Modulation type: 8DPSK

Full Spectrum



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

Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- * Critical_Freqs AVG
- * Critical_Freqs PK+
- PK.74
- AV54
- ◆ Final_Result PK+
- ◆ Final_Result AVG

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

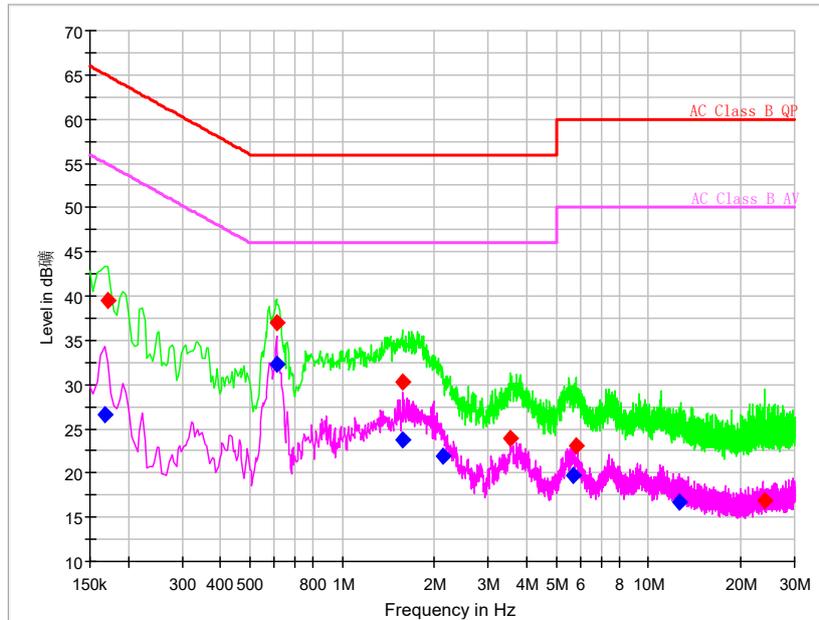
AC Power line Conducted Emission

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: $(26.63 \text{ dB}\mu\text{V}) = (-3.07 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$, the corresponding frequency is 0.167057MHz.



L+N Line

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)	Pmea Average (dBμV)
0.167057	---	26.63	55.11	28.48	L1	29.7	---	-3.07
0.171321	39.43	---	64.90	25.47	L1	29.7	9.73	---
0.610543	---	32.28	46.00	13.72	L1	29.7	---	2.58
0.610543	37.02	---	56.00	18.98	L1	29.7	7.32	---
1.570007	30.30	---	56.00	25.70	L1	29.8	0.5	---
1.570007	---	23.73	46.00	22.27	L1	29.8	---	-6.07
2.124364	---	21.87	46.00	24.13	L1	29.8	---	-7.93
3.531579	23.87	---	56.00	32.13	L1	29.8	-5.93	---
5.706364	---	19.75	50.00	30.25	L1	29.8	---	-10.05
5.804443	23.15	---	60.00	36.85	L1	29.8	-6.65	---
12.652886	---	16.77	50.00	33.23	N	30.0	---	-13.23
23.829579	16.91	---	60.00	43.09	L1	30.5	-13.59	---

---End of Test Report---