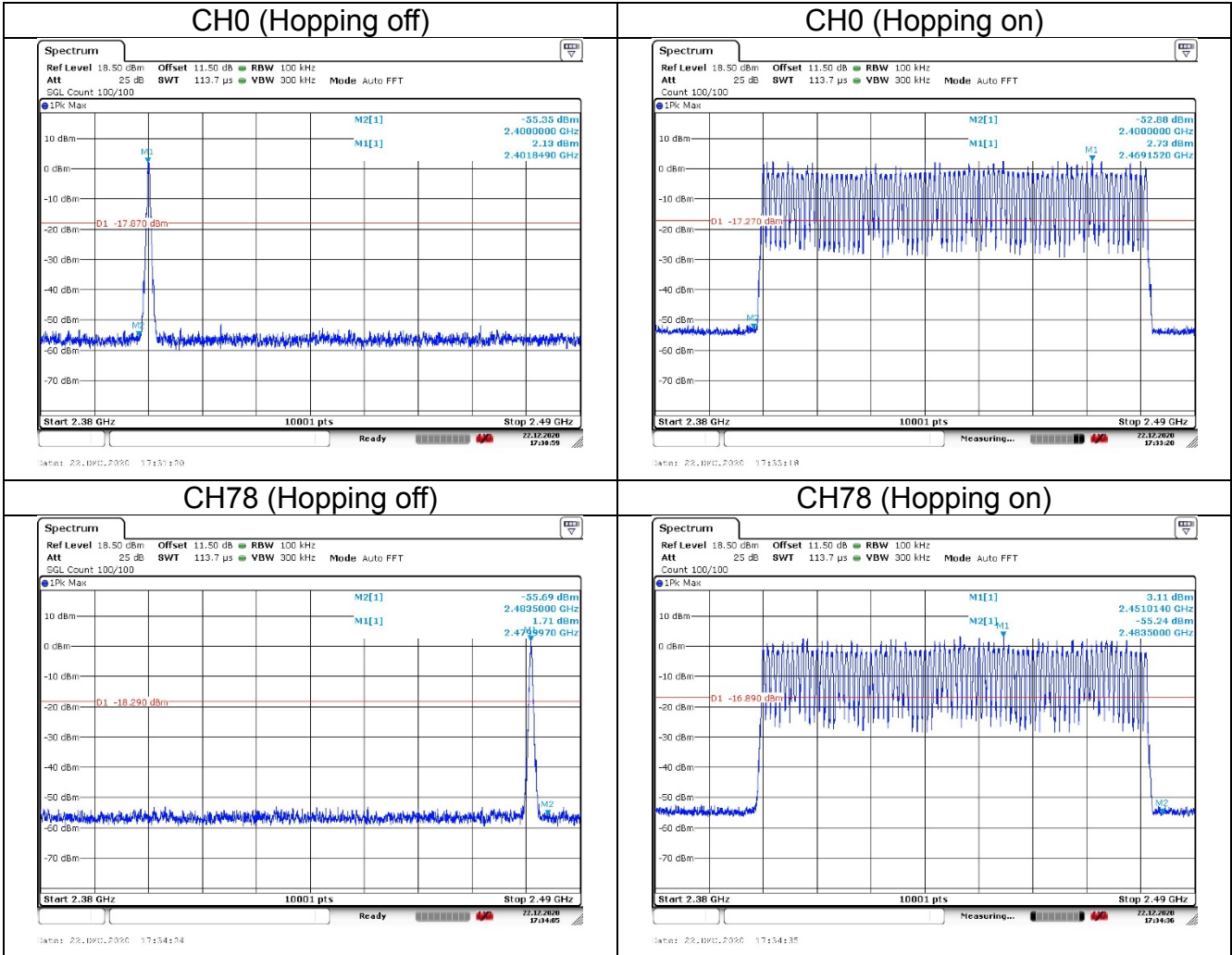
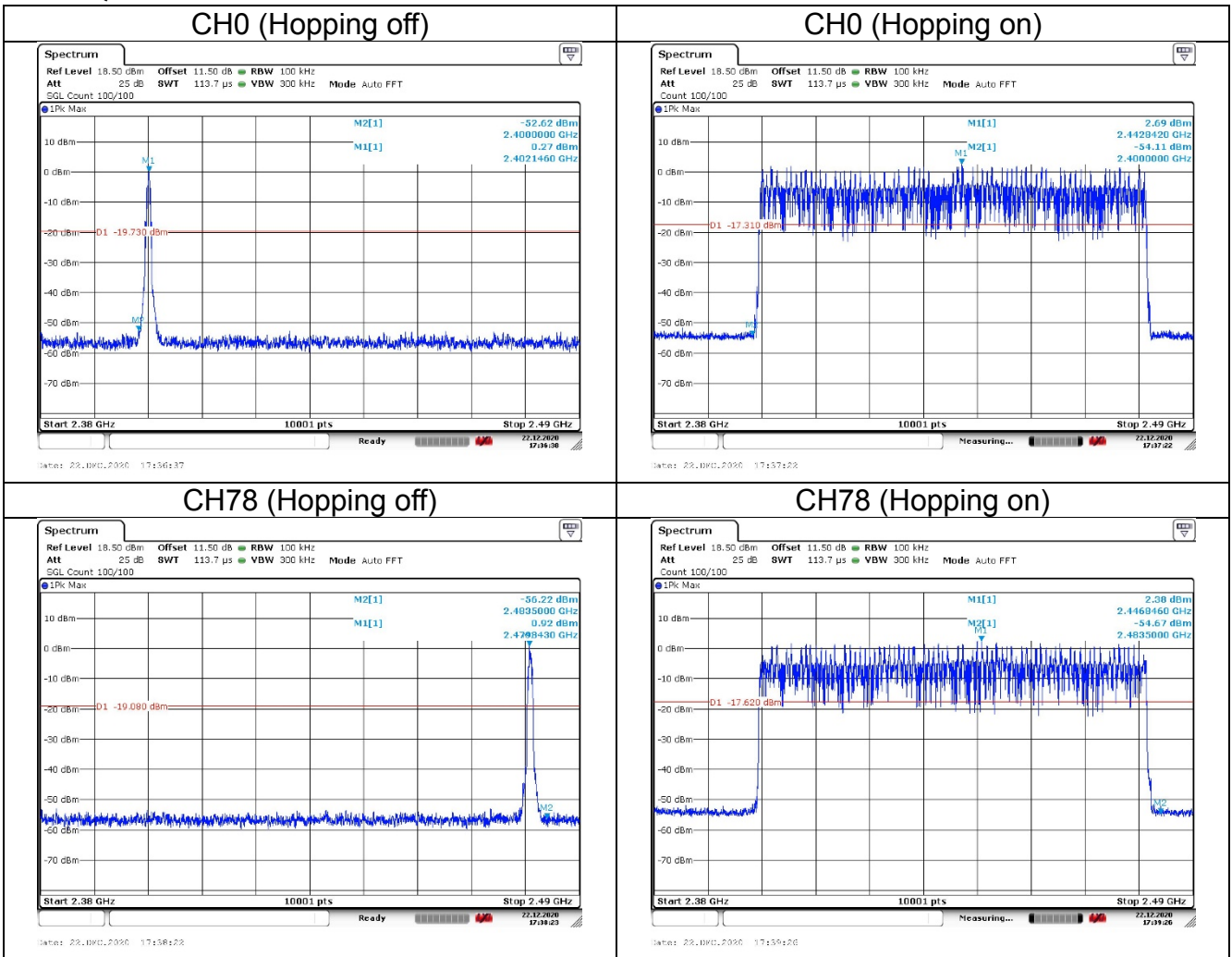


Band Edge measurement

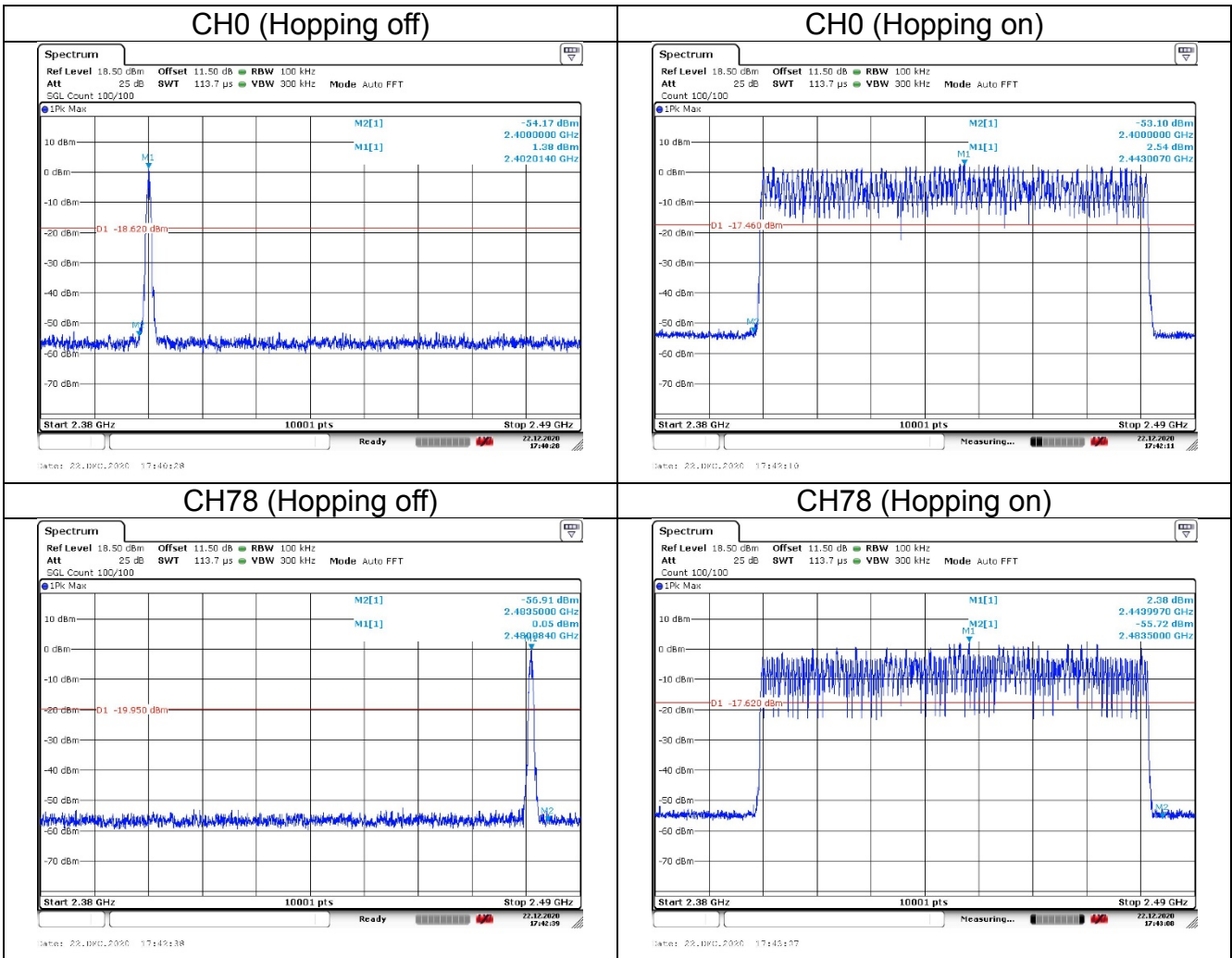
Offset 11.5dB = Attenuator 10dB+Temporary antenna connector loss 0.5dB+ Cable loss 1dB
GFSK



$\pi/4$ DQPSK



8DPSK



APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emission Band Edge

The worst case attitude: The mobile lay down.

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (90.62 dBuV/m) = (56.62 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	90.62	56.62	N/A	N/A	8.90	25.10
2	2390	40.66	6.66	-33.34	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	88.61	54.61	N/A	N/A	8.90	25.10
2	2390	40.63	6.63	-33.37	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	89.85	55.85	N/A	N/A	8.90	25.10
2	2390	31.40	-2.60	-22.60	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	87.72	53.72	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): 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	89.92	55.92	N/A	N/A	8.90	25.10
2	2483.5	39.31	5.31	-34.69	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	87.91	53.91	N/A	N/A	8.90	25.10
2	2483.5	37.94	3.94	-36.06	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	89.52	55.52	N/A	N/A	8.90	25.10
2	2483.5	31.55	-2.45	-22.45	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	87.48	53.48	N/A	N/A	8.90	25.10
2	2483.5	30.10	-3.90	-23.90	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	90.60	56.60	N/A	N/A	8.90	25.10
2	2390	40.03	6.03	-33.97	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	87.96	53.96	N/A	N/A	8.90	25.10
2	2390	38.88	4.88	-35.12	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	88.95	54.95	N/A	N/A	8.90	25.10
2	2390	31.28	-2.72	-22.72	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	86.27	52.27	N/A	N/A	8.90	25.10
2	2390	30.56	-3.44	-23.44	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	89.21	55.21	N/A	N/A	8.90	25.10
2	2483.5	39.74	5.74	-34.26	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	86.81	52.81	N/A	N/A	8.90	25.10
2	2483.5	39.53	5.53	-34.47	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	88.65	54.65	N/A	N/A	8.90	25.10
2	2483.5	30.62	-3.38	-23.38	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	28.86	-5.14	-25.14	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	90.74	56.74	N/A	N/A	8.90	25.10
2	2390	39.83	5.83	-34.17	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	88.56	54.56	N/A	N/A	8.90	25.10
2	2390	38.43	4.43	-35.57	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	89.07	55.07	N/A	N/A	8.90	25.10
2	2390	31.12	-2.88	-22.88	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	86.38	52.38	N/A	N/A	8.90	25.10
2	2390	30.83	-3.17	-23.17	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	90.19	56.19	N/A	N/A	8.90	25.10
2	2483.5	40.51	6.51	-33.49	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	87.33	53.33	N/A	N/A	8.90	25.10
2	2483.5	39.16	5.16	-34.84	74.00	8.90	25.10

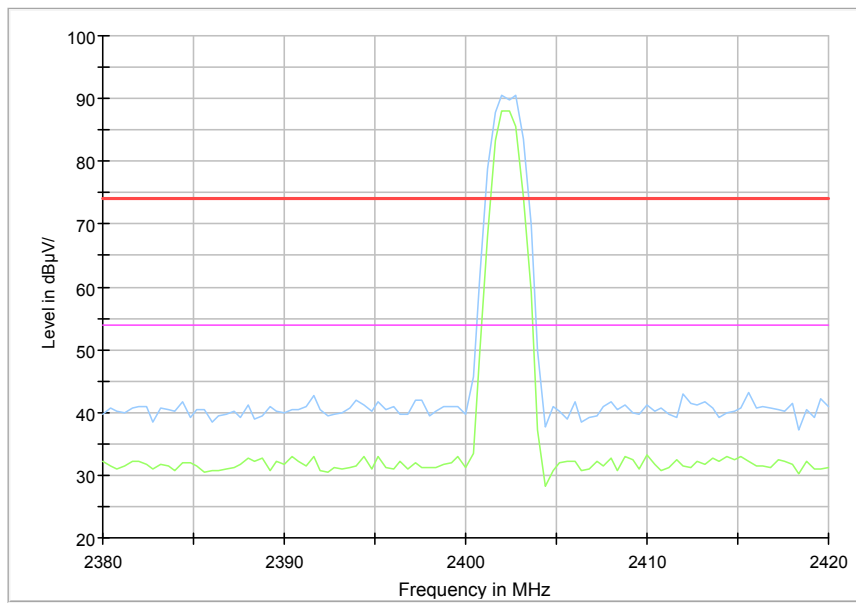
Carrier frequency (MHz): 2480
Channel No.:78
Test Mode: 8DPSK
Polarity: Vertical
Detector: Average

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	87.66	53.66	N/A	N/A	8.90	25.10
2	2483.5	30.12	-3.88	-23.88	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	85.25	51.25	N/A	N/A	8.90	25.10
2	2483.5	29.72	-4.28	-24.28	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: $(22.57 \text{ dB}\mu\text{V/m}) = (43.77 \text{ dB}\mu\text{V}) + (-21.2 \text{ dB/m})$, the corresponding frequency is 30.000000MHz.

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)
30.000000	22.57	-21.2	43.77	Vertical	40.00
87.918000	27.18	-21.3	48.48	Vertical	40.00
129.076500	32.25	-21.2	53.45	Vertical	43.50
173.542500	30.18	-20.4	50.58	Vertical	43.50
311.582000	15.73	-14.7	30.43	Vertical	46.00
950.227500	17.36	-0.9	18.26	Vertical	46.00

For $\pi/4$ DQPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
30.838500	22.59	-20.9	43.49	Vertical	40.00
87.401500	27.12	-21.4	48.52	Vertical	40.00
129.698500	32.01	-21.3	53.31	Vertical	43.50
173.163000	29.98	-20.5	50.48	Vertical	43.50
311.246000	15.86	-14.8	30.66	Vertical	46.00
950.128000	17.35	-0.9	18.25	Vertical	46.00

For 8DPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
48.492500	20.81	-17.2	38.01	Vertical	40.00
87.207500	27.15	-21.5	48.65	Vertical	40.00
129.852500	31.51	-21.3	52.81	Vertical	43.50
173.251500	29.13	-20.5	49.63	Vertical	43.50
311.525000	15.75	-14.7	30.45	Vertical	46.00
947.617000	17.34	-0.9	18.24	Vertical	46.00

For GFSK

Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
30.128000	22.64	-21.1	43.74	Vertical	40.00
87.612500	26.84	-21.4	48.24	Vertical	40.00
171.859500	27.95	-20.5	48.45	Vertical	43.50
174.333000	27.17	-20.4	47.57	Vertical	43.50
313.231000	14.87	-14.7	29.57	Vertical	46.00
957.003000	17.46	-0.8	18.26	Vertical	46.00

For $\pi/4$ DQPSK

Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
30.080000	22.75	-21.2	43.95	Vertical	40.00
86.554000	25.13	-21.7	46.83	Vertical	40.00
130.857500	29.11	-21.4	50.51	Vertical	43.50
177.782500	24.46	-20.3	44.76	Vertical	43.50
519.775500	12.37	-8.8	21.17	Vertical	46.00
951.143000	17.29	-0.8	18.09	Vertical	46.00

For 8DPSK

Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
52.709500	20.99	-17.5	38.49	Vertical	40.00
87.244000	25.60	-21.5	47.10	Vertical	40.00
170.467500	24.03	-20.6	44.63	Vertical	43.50
180.227000	24.82	-20.1	44.92	Vertical	43.50
546.642000	12.54	-8.0	20.54	Vertical	46.00
951.391500	17.32	-0.8	18.12	Vertical	46.00

For GFSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
30.838500	22.94	-20.9	43.84	Vertical	40.00
86.417000	25.41	-21.8	47.21	Vertical	40.00
172.330000	27.82	-20.5	48.32	Vertical	43.50
173.226000	27.44	-20.5	47.94	Vertical	43.50
542.169000	12.55	-8.1	20.65	Vertical	46.00
923.829000	17.19	-1.2	18.39	Vertical	46.00

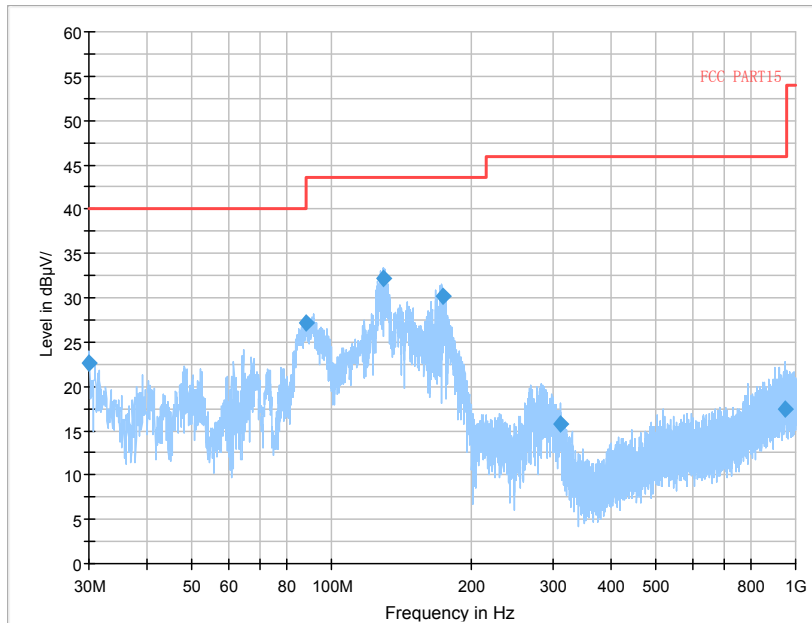
For $\pi/4$ DQPSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
30.870000	20.38	-20.9	41.28	Vertical	40.00
88.112000	20.96	-21.2	42.16	Vertical	43.50
127.454000	28.86	-21.1	49.96	Vertical	43.50
178.829000	25.35	-20.2	45.55	Vertical	43.50
521.139500	12.37	-8.8	21.17	Vertical	46.00
890.256000	17.09	-1.7	18.79	Vertical	46.00

For 8DPSK
Channel No.:78

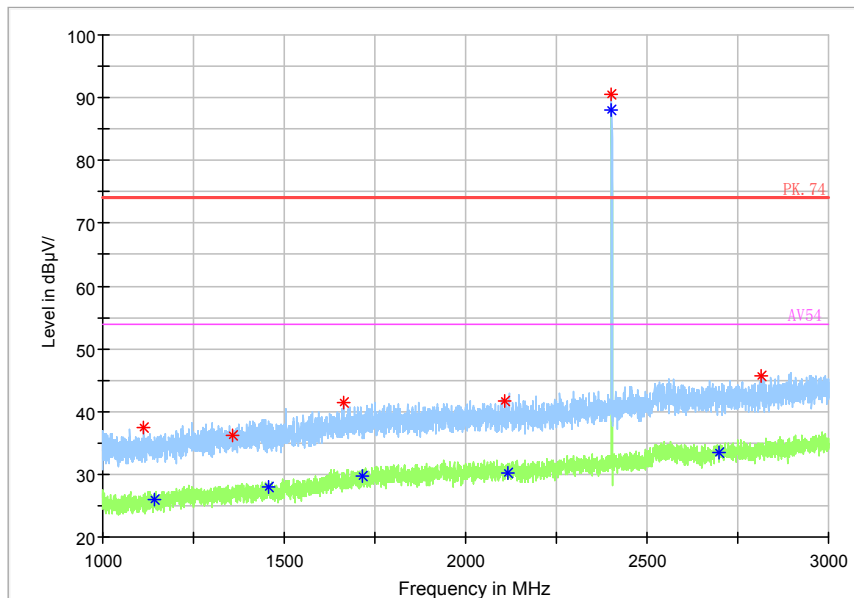
Frequency (MHz)	Result (dBuV/m)	ARpl (dB/m)	Pmea (dBuV)	Polarity	Limit (dBuV/m)
30.282000	21.29	-21.1	42.39	Vertical	40.00
64.609000	16.52	-19.9	36.42	Vertical	40.00
169.594500	23.70	-20.7	44.40	Vertical	43.50
174.923500	24.15	-20.4	44.55	Vertical	43.50
525.903500	12.47	-8.6	21.07	Vertical	46.00
912.178000	17.21	-1.3	18.51	Vertical	46.00

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



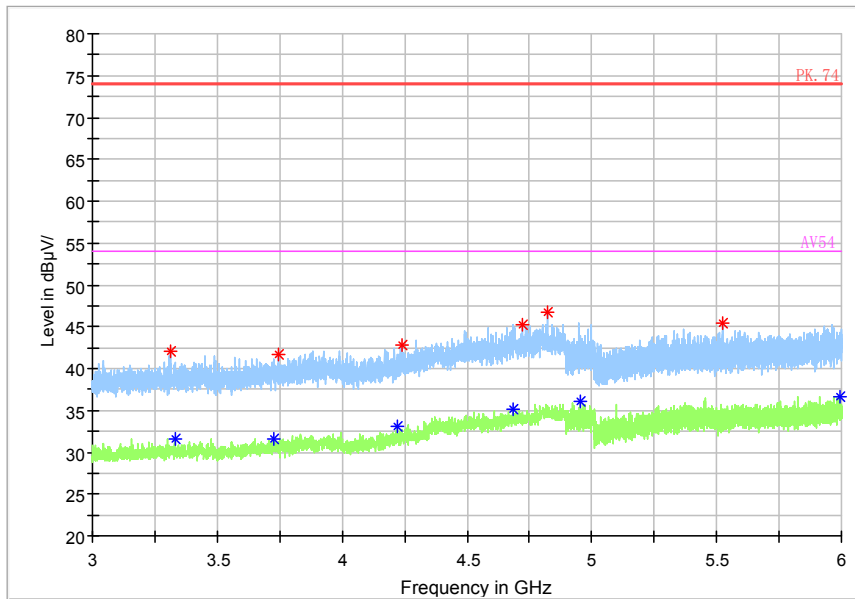
Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK

Full Spectrum



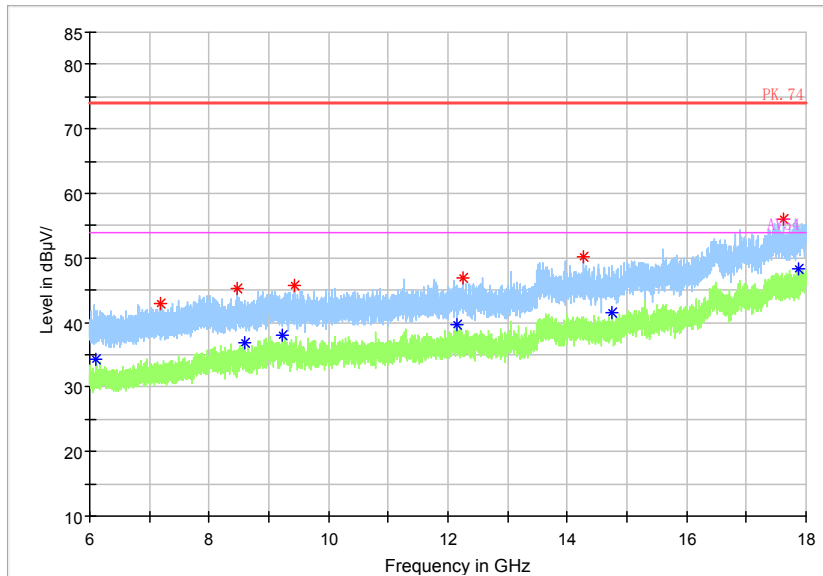
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



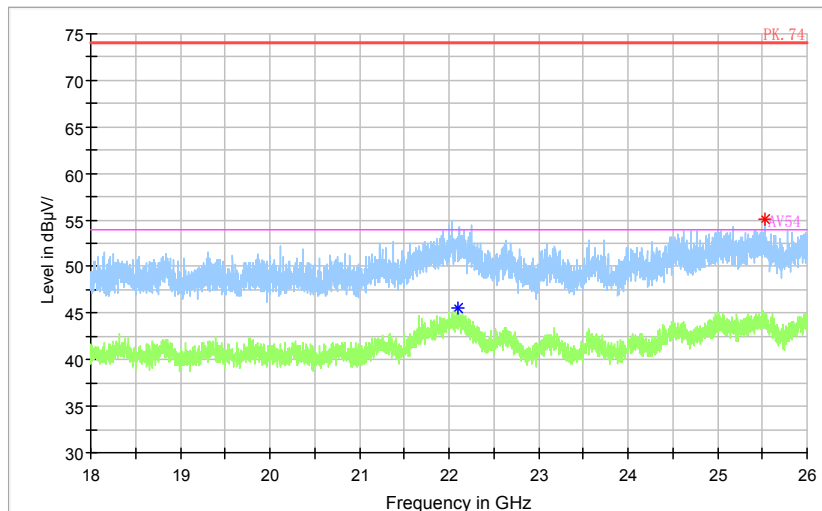
Frequency Range: 3GHz- 6GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



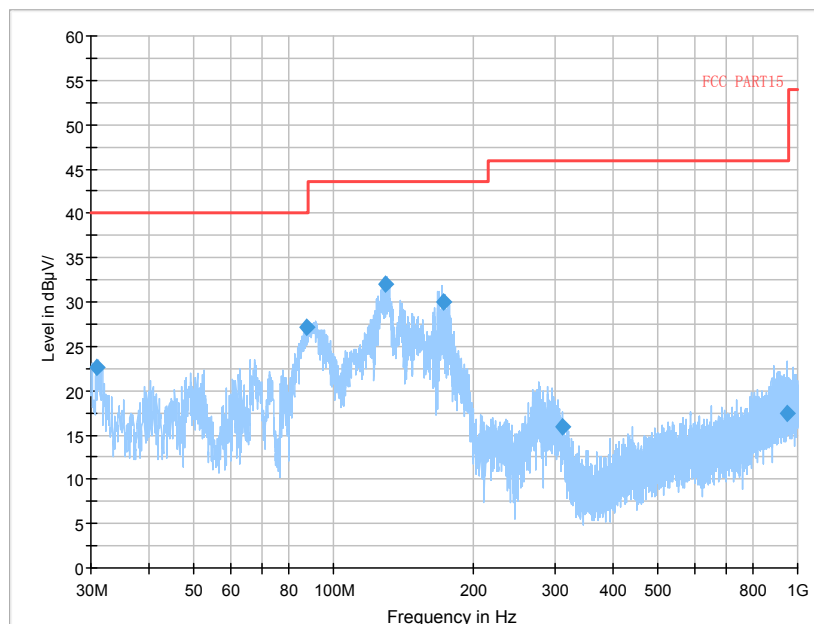
Frequency Range: 6GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



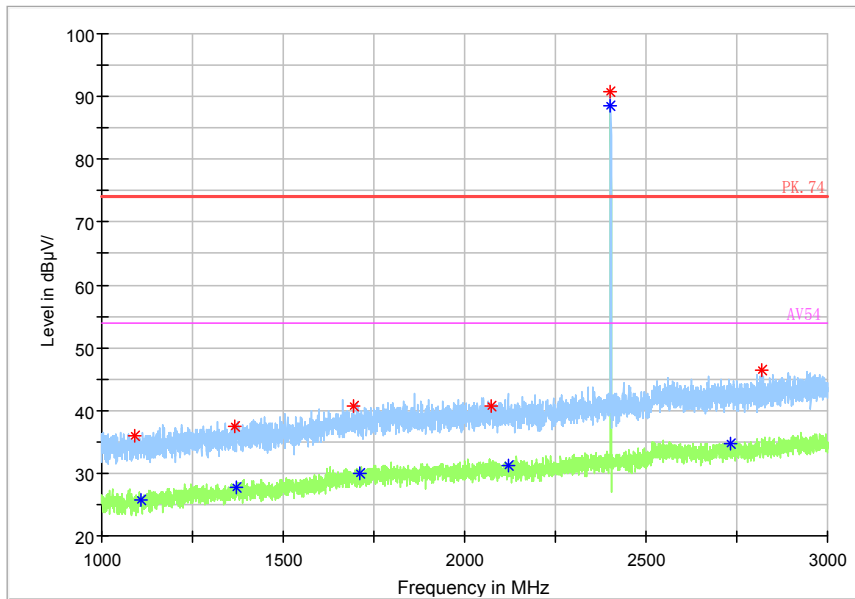
◆ Preview Result 2-AVG — Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ — PK.74 — AV54
◆ Final_Result PK+ ◆ Final_Result AVG

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



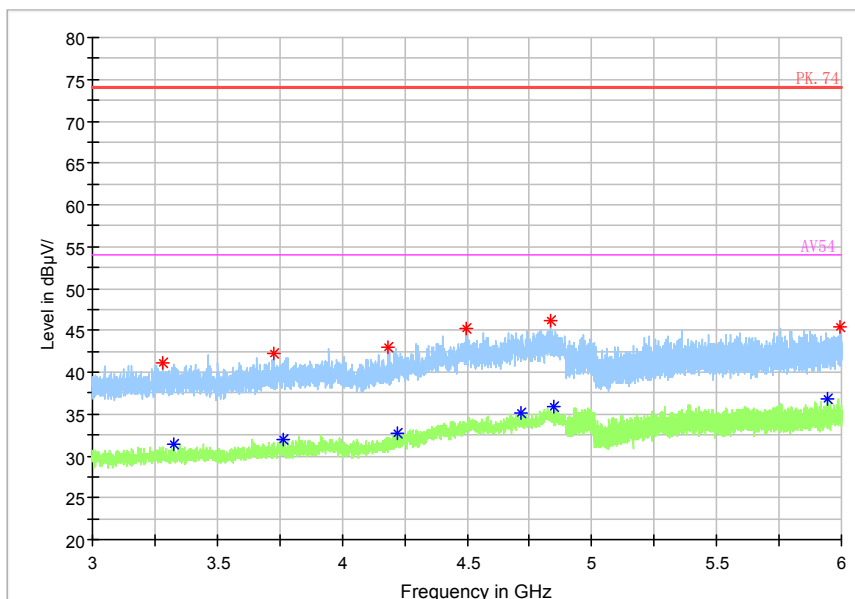
Frequency Range: 30MHz-1000 MHz
 Detector: QP mode
 Modulation type: $\pi/4$ DQPSK

Full Spectrum



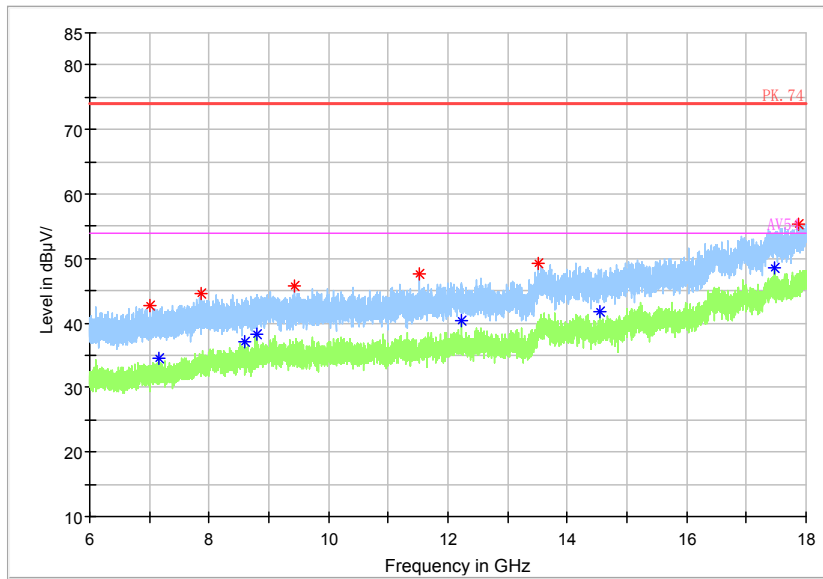
Frequency Range: 1GHz-3GHz
 Detector: Av mode and PK mode
 Modulation type: $\pi/4$ DQPSK

Full Spectrum



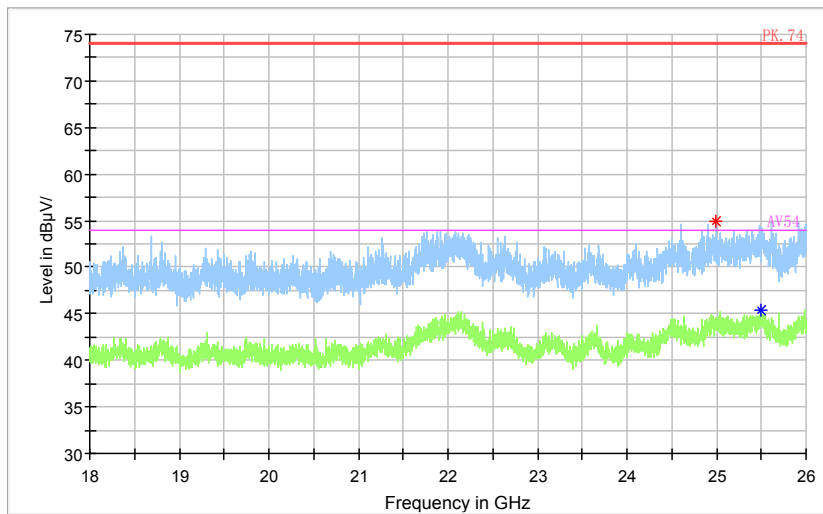
Frequency Range: 3GHz- 6GHz
 Detector: Av mode and PK mode
 Modulation type: $\pi/4$ DQPSK

Full Spectrum



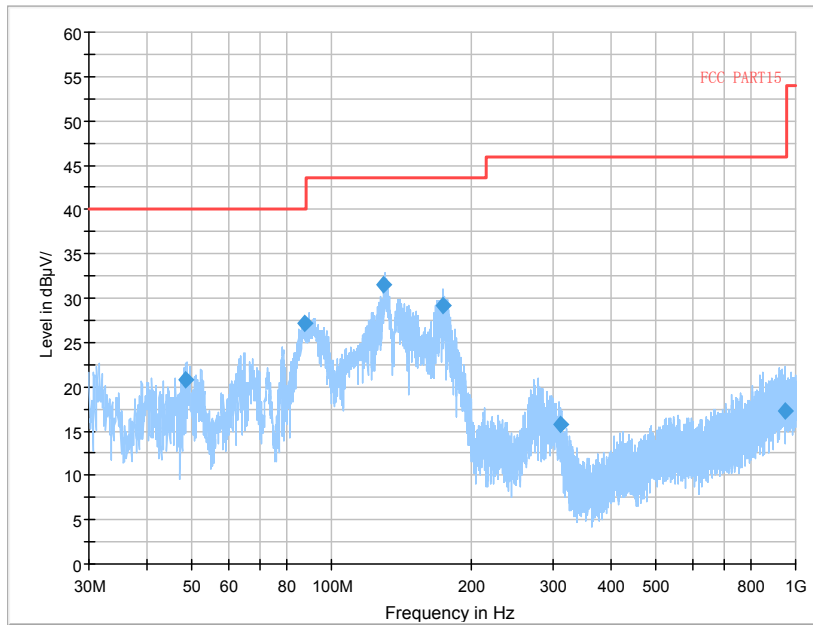
Frequency Range: 6GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



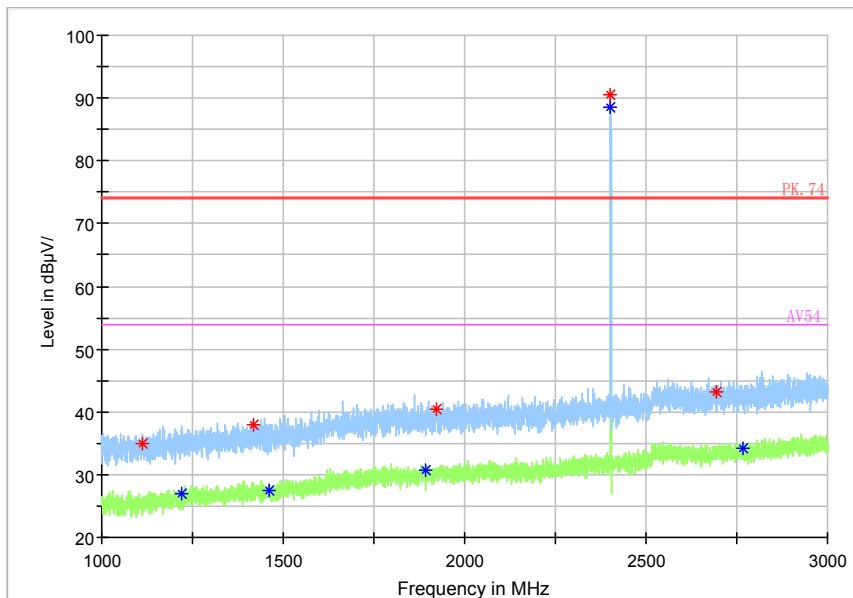
Preview Result 2-AVG	Preview Result 1-PK+	Critical_Freqs AVG
Critical_Freqs PK+	PK.74	AV54
Final_Result PK+	Final_Result AVG	

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



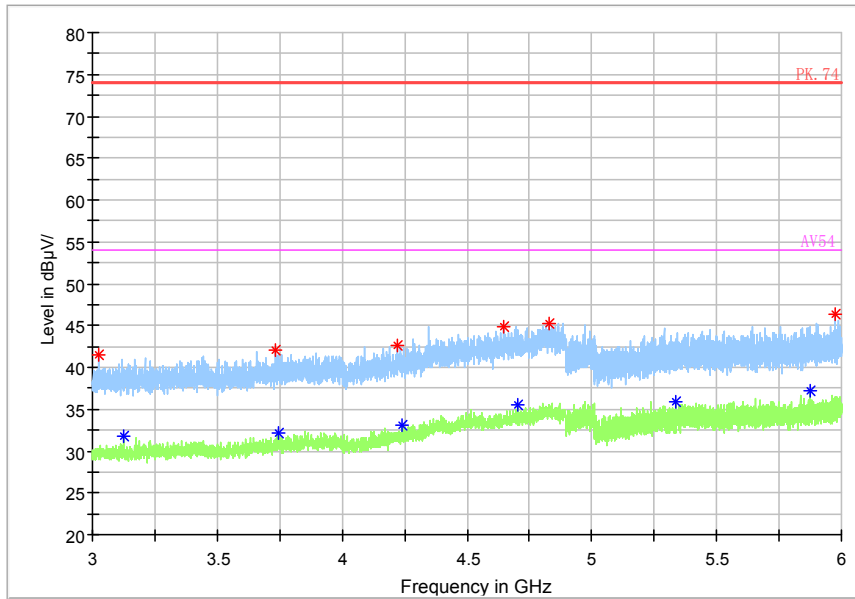
Frequency Range: 30MHz-1000 MHz
 Detector: QP mode
 Modulation type: 8DPSK

Full Spectrum



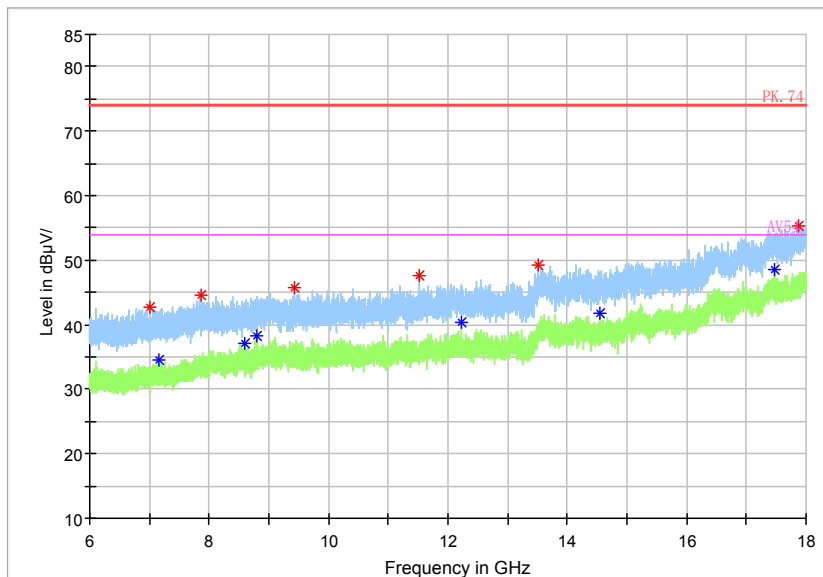
Frequency Range: 1GHz-3GHz
 Detector: Av mode and PK mode
 Modulation type: 8DPSK

Full Spectrum



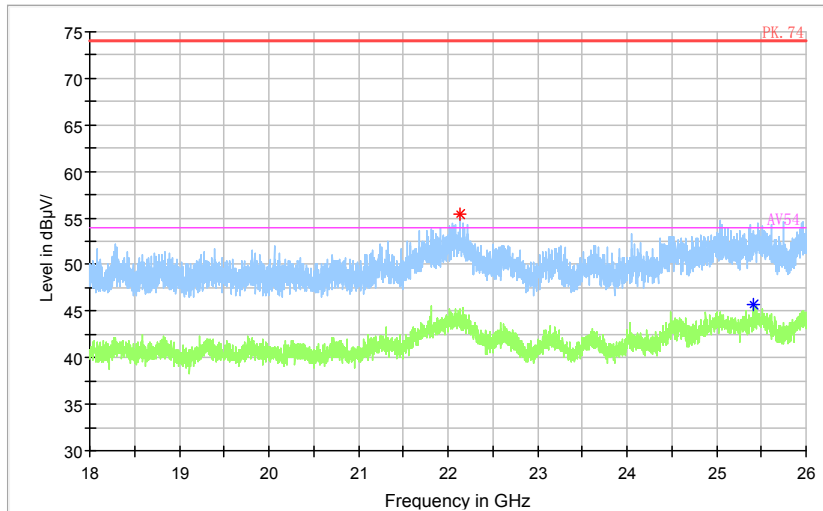
Frequency Range: 3GHz- 6GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum



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

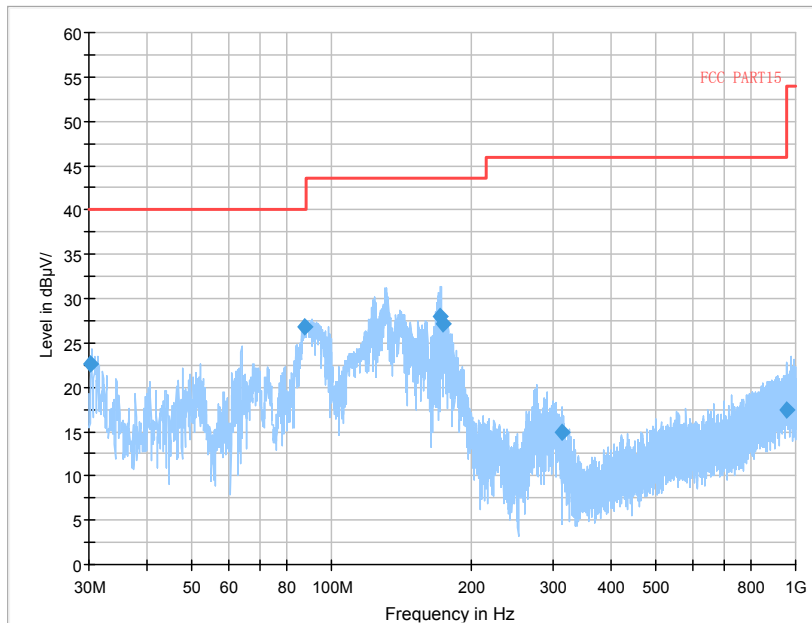
Full Spectrum



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

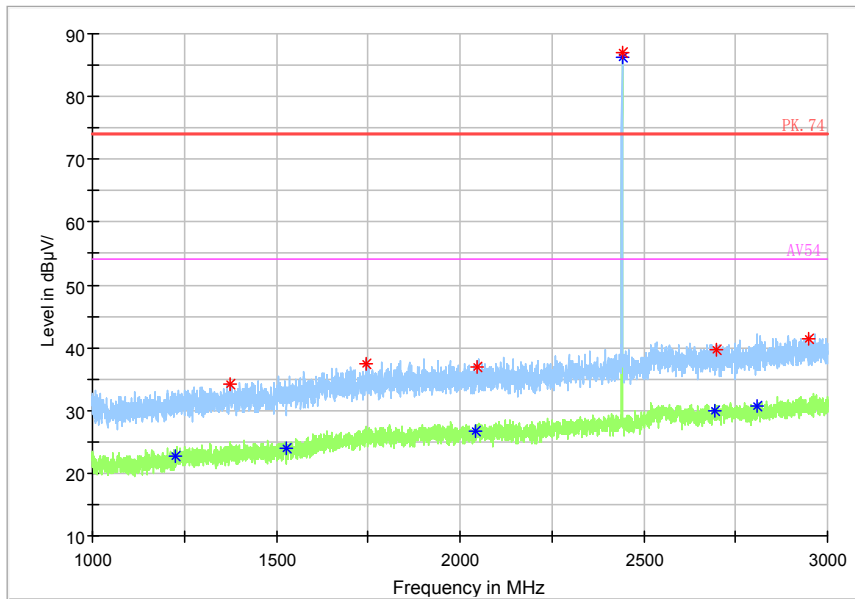
Frequency Range: 18GHz-25GHz
 Detector: Av mode and PK mode
 Modulation type: 8DPSK

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



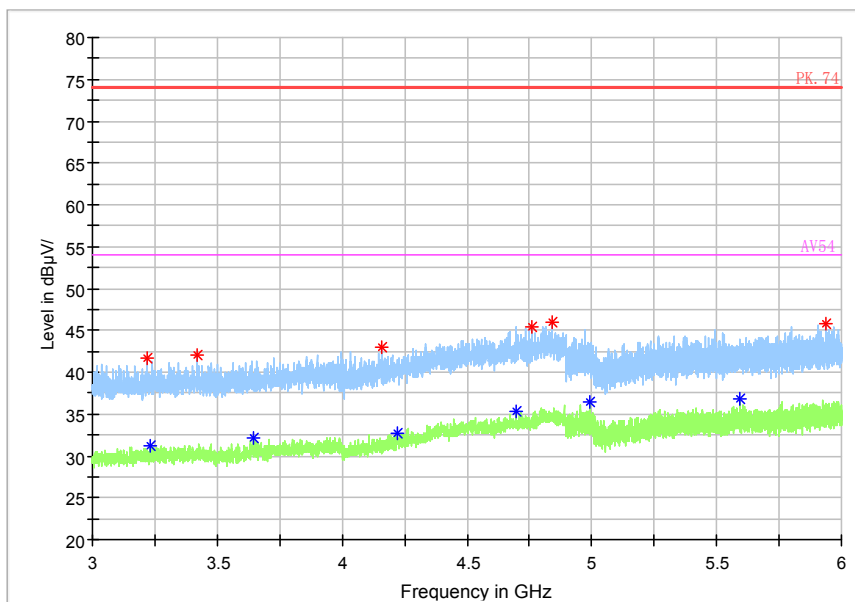
Frequency Range: 30MHz-1000MHz
 Detector: QP mode
 Modulation type: GFSK

Full Spectrum



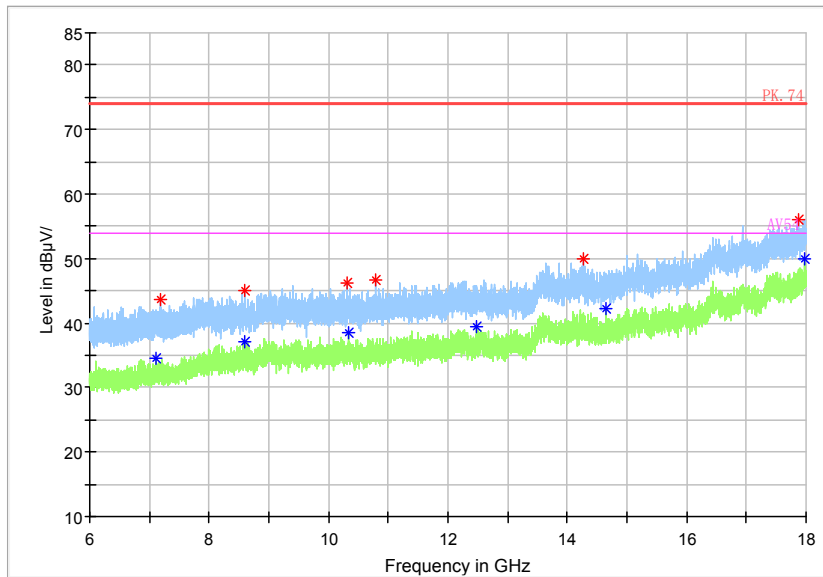
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



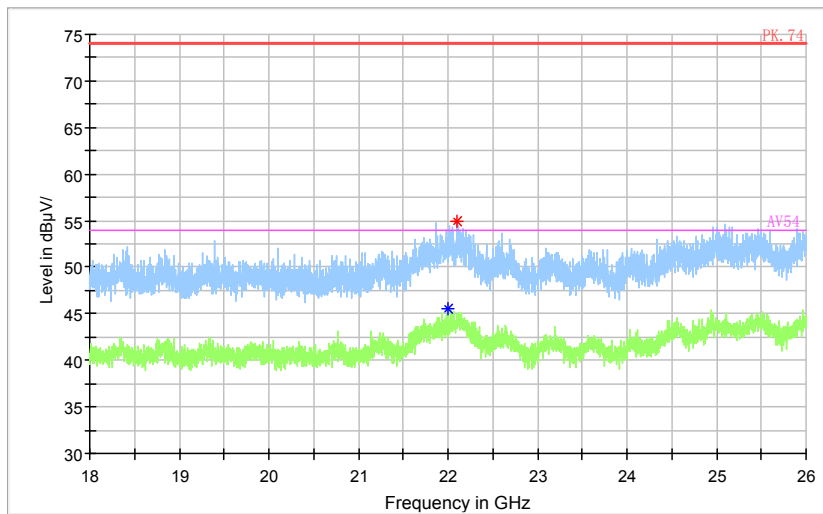
Frequency Range: 3GHz- 6GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



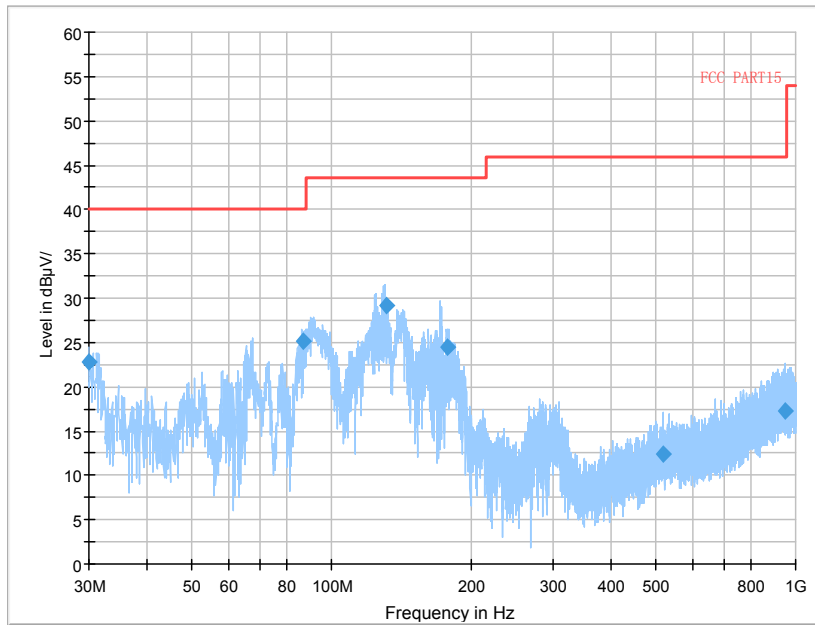
Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



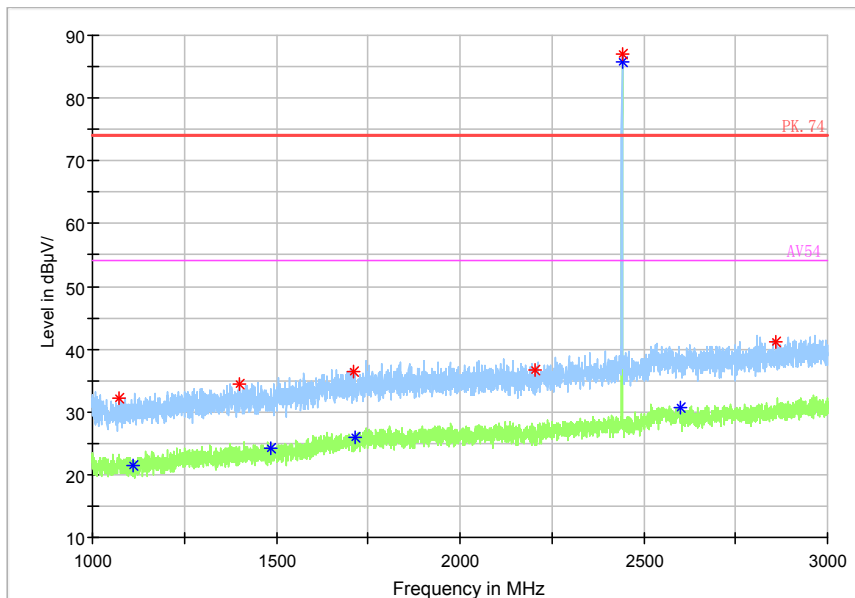
	Preview Result 2-AVG		Preview Result 1-PK+		Critical_Freqs AVG
	Critical_Freqs PK+		PK.74		AV54
	Final_Result PK+		Final_Result AVG		

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



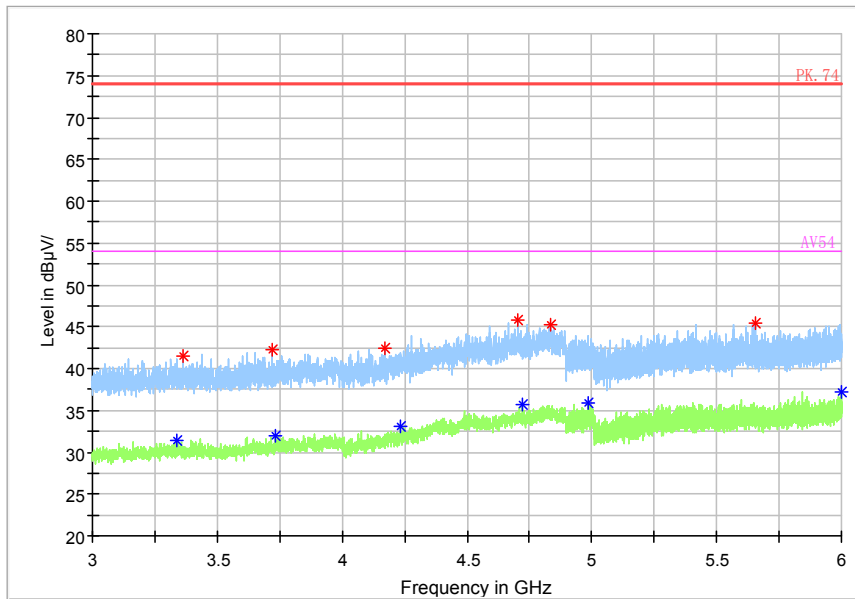
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



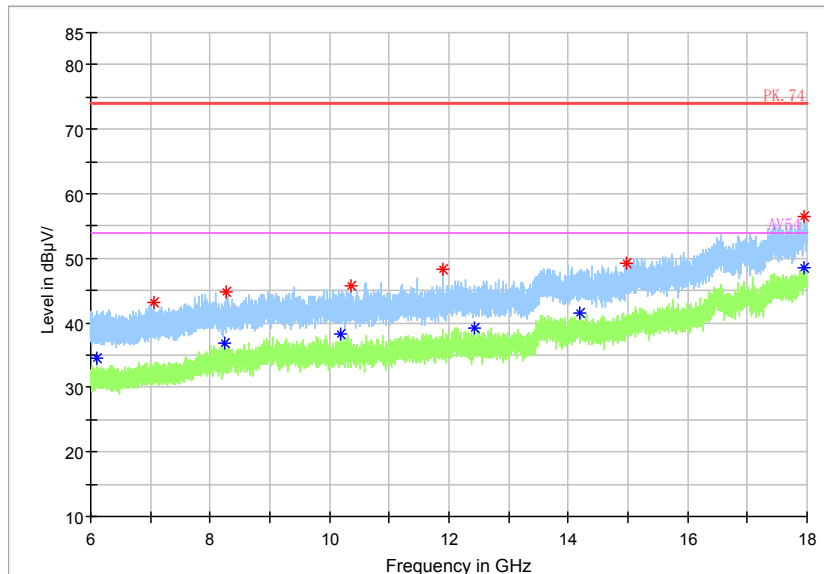
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



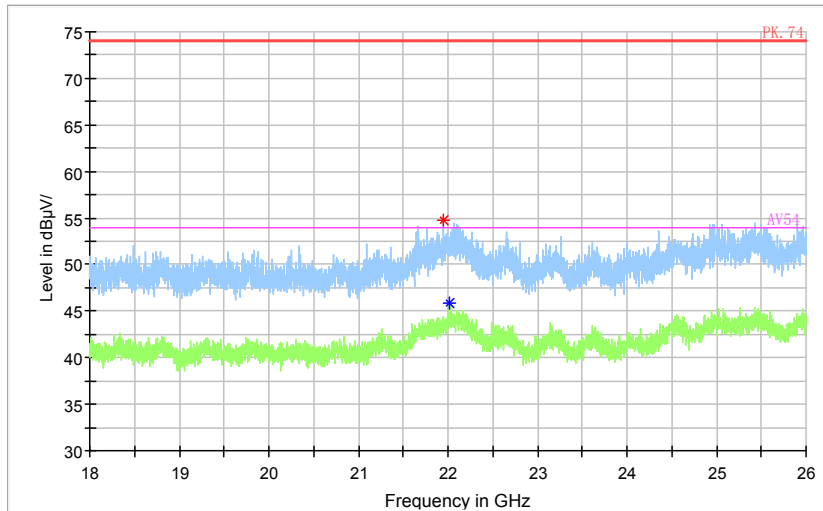
Frequency Range: 3GHz- 6GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



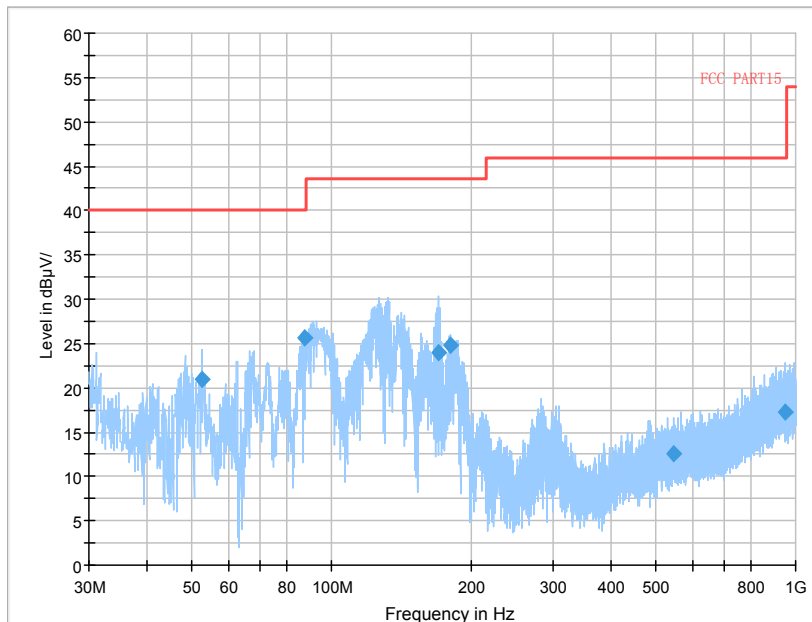
Frequency Range: 6GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



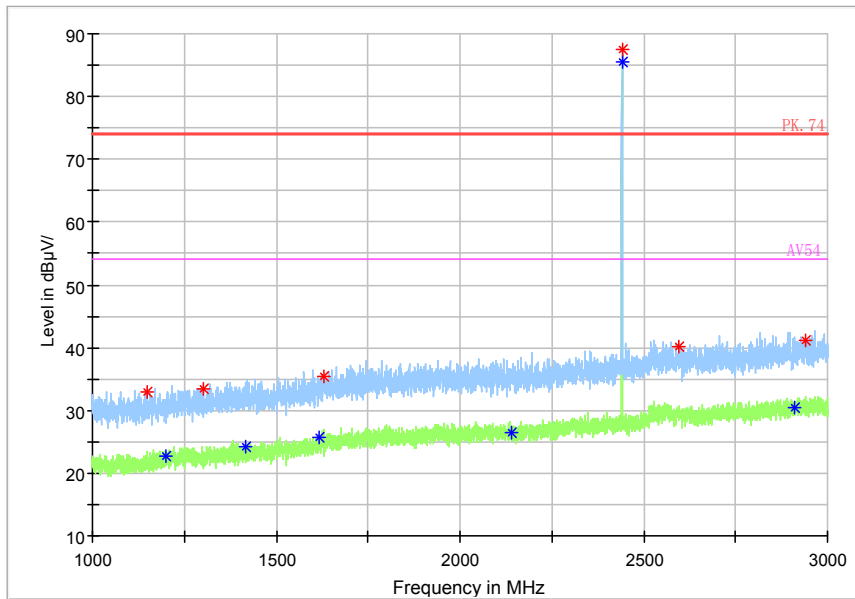
— Preview Result 2-AVG — Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ — PK.74 — AV54
◆ Final_Result PK+ ◆ Final_Result AVG

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



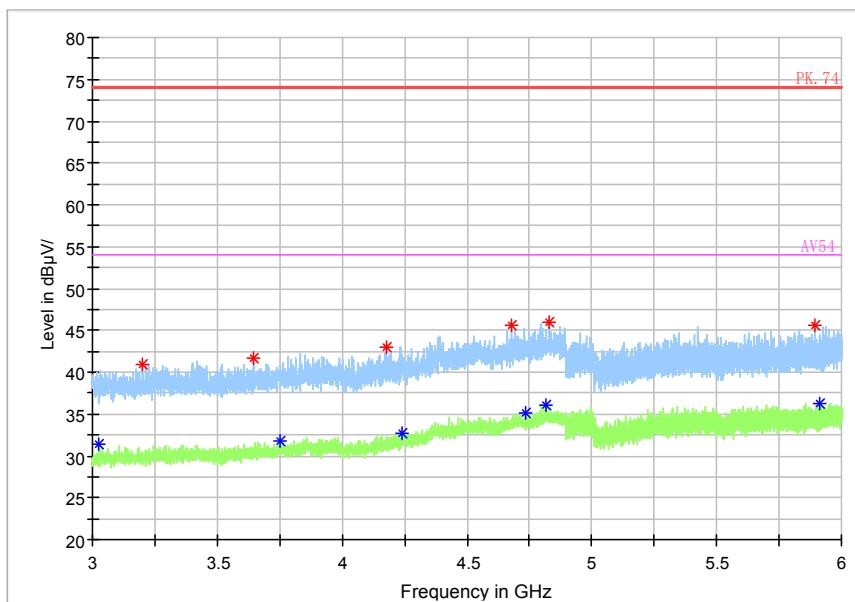
Frequency Range: 30MHz-1000 MHz
 Detector: QP mode
 Modulation type: 8DPSK

Full Spectrum



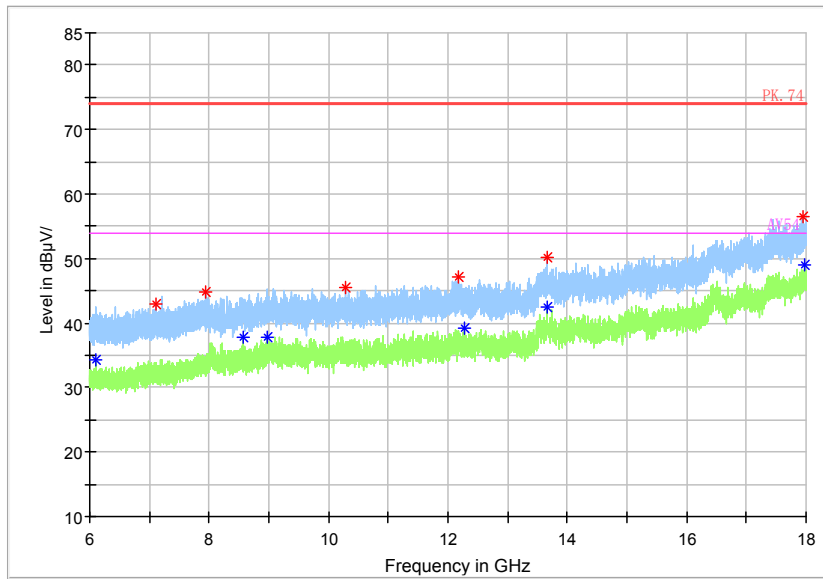
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum



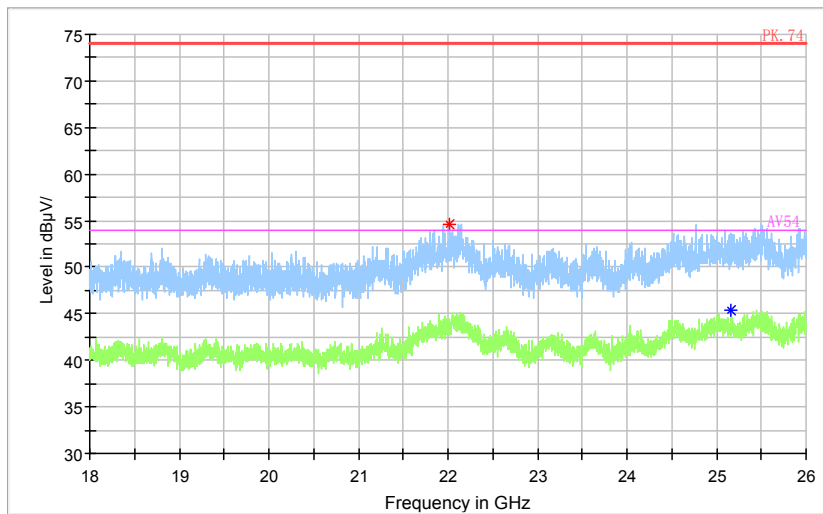
Frequency Range: 3GHz- 6GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

Full Spectrum



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

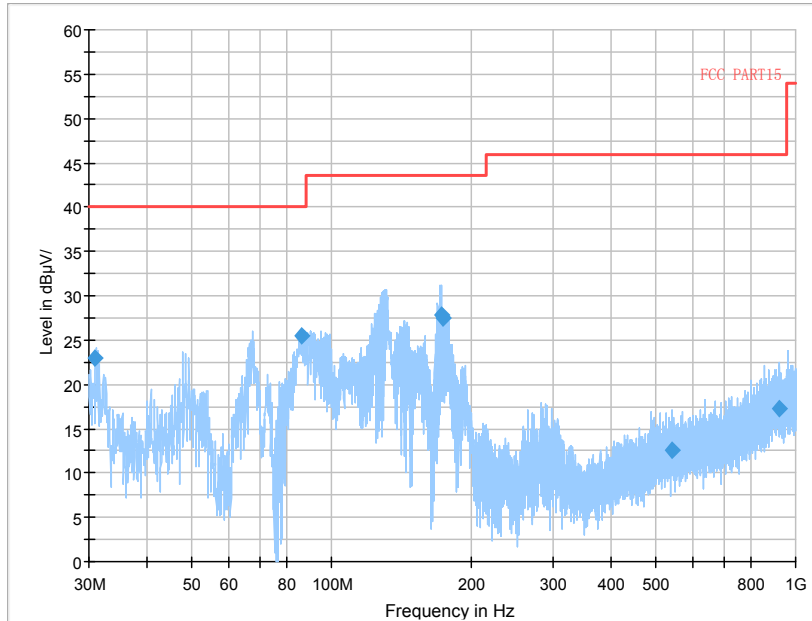
Full Spectrum



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

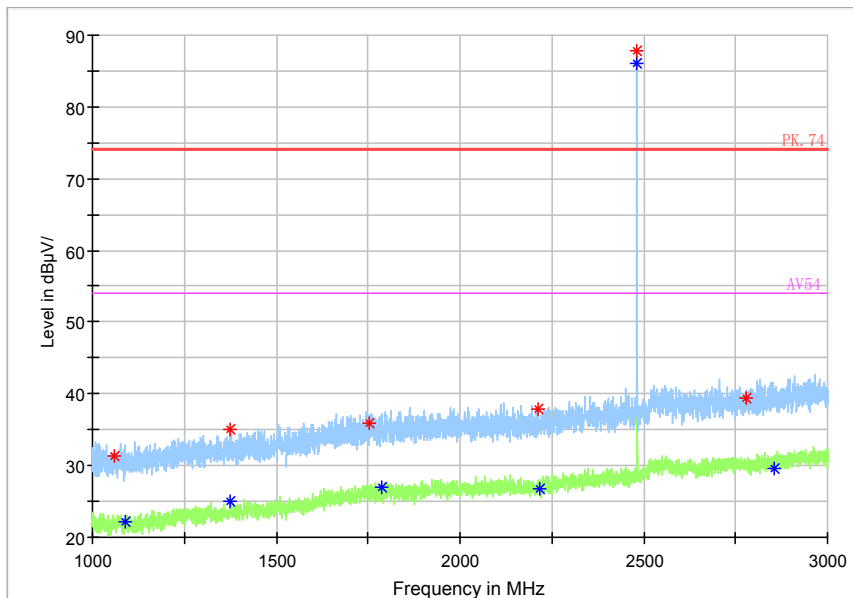
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

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



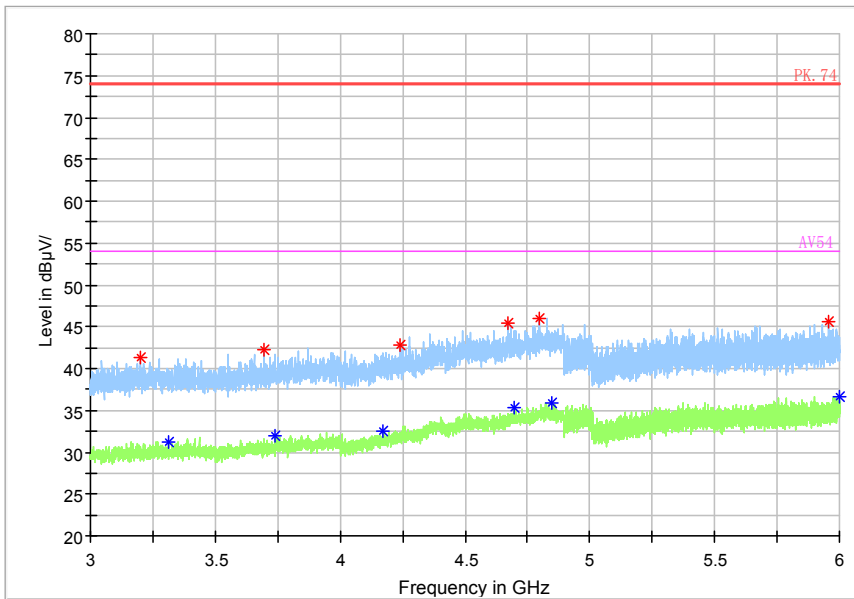
Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK

Full Spectrum



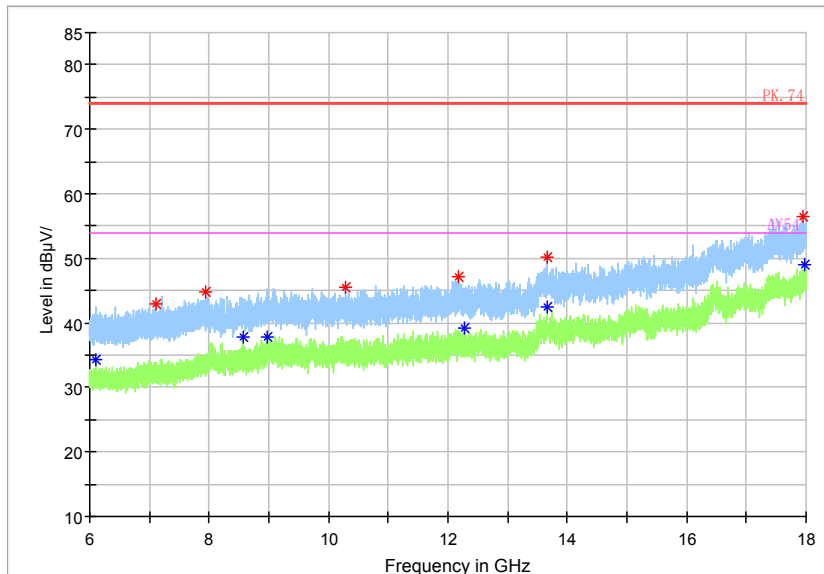
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



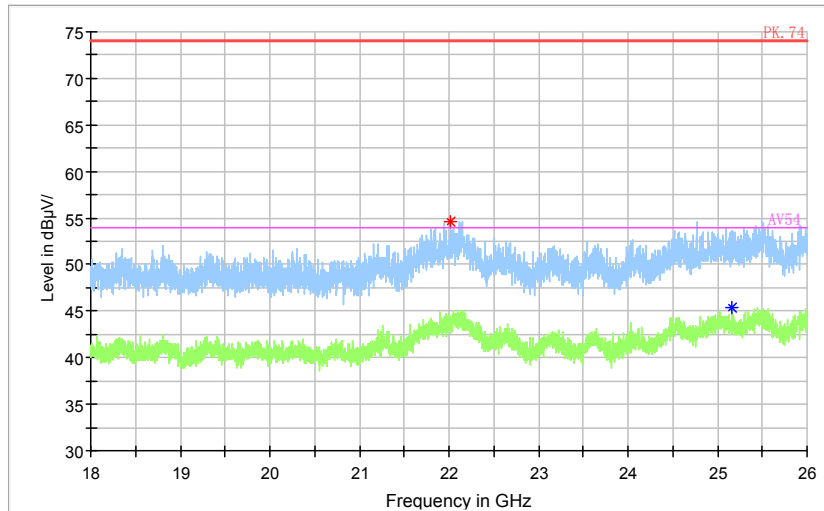
Frequency Range: 3GHz- 6GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



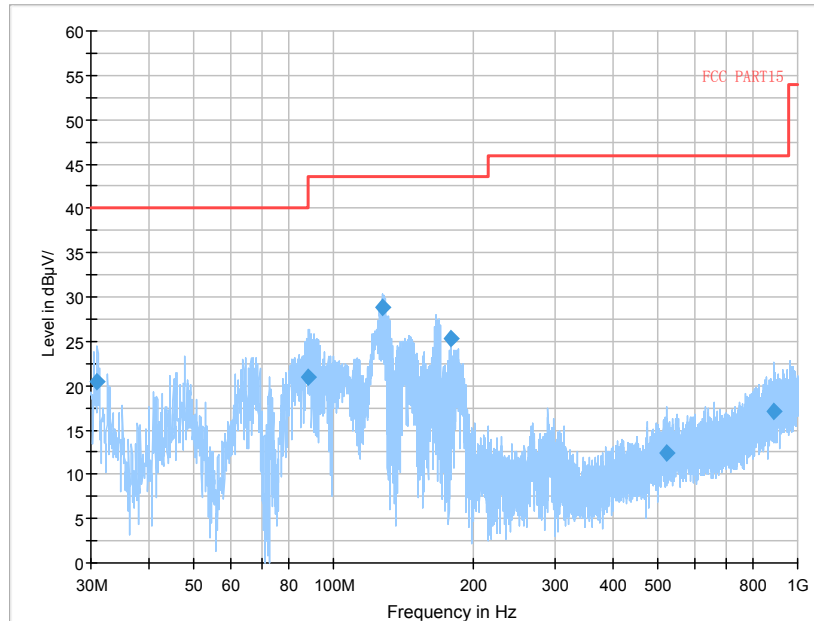
Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



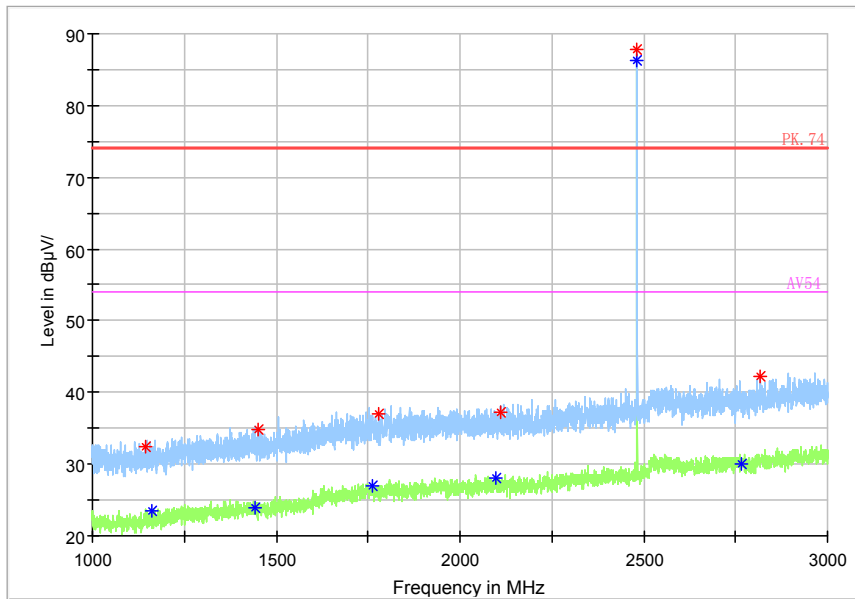
— Preview Result 2-AVG — Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ — PK.74 — AV54
◆ Final_Result PK+ ◆ Final_Result AVG

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



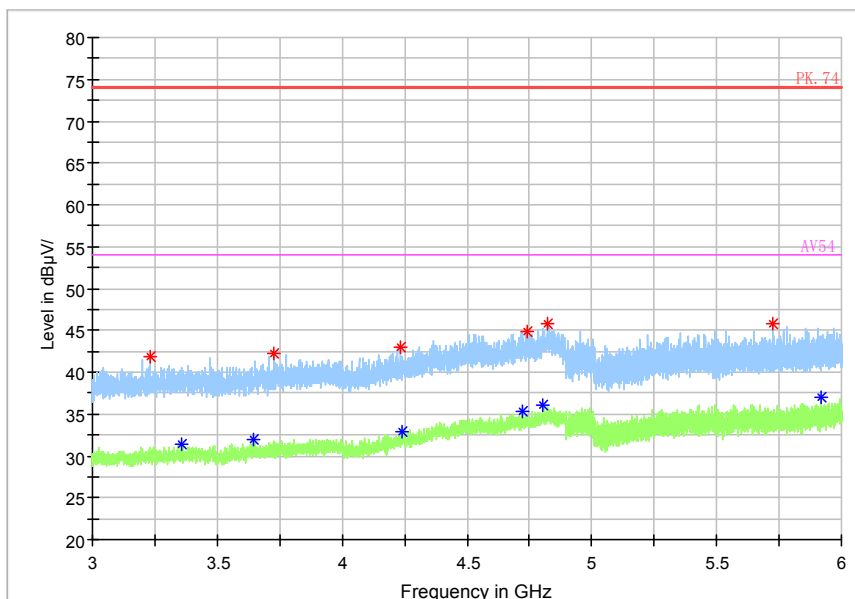
Frequency Range: 30MHz-1000 MHz
 Detector: QP mode
 Modulation type: $\pi/4$ DQPSK

Full Spectrum



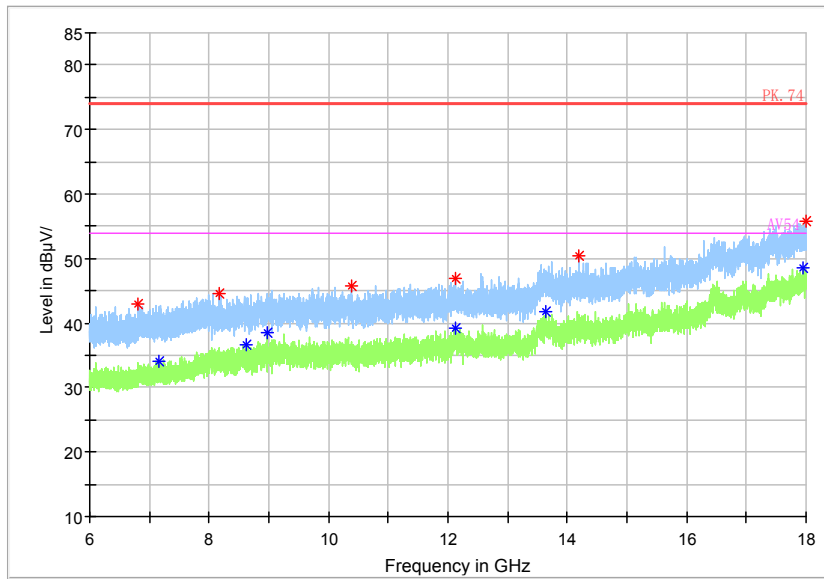
Frequency Range: 1GHz-3GHz
 Detector: Av mode and PK mode
 Modulation type: $\pi/4$ DQPSK

Full Spectrum



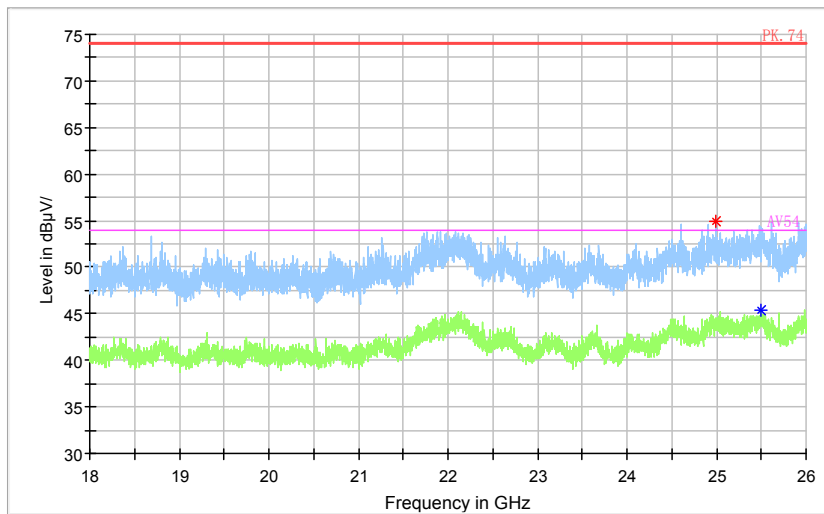
Frequency Range: 3GHz- 6GHz
 Detector: Av mode and PK mode
 Modulation type: $\pi/4$ DQPSK

Full Spectrum



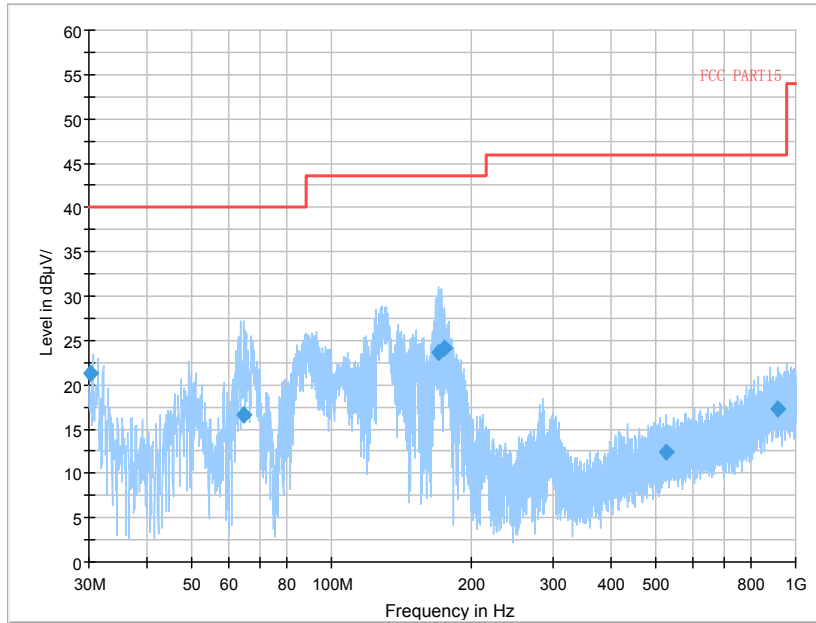
Frequency Range: 6GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



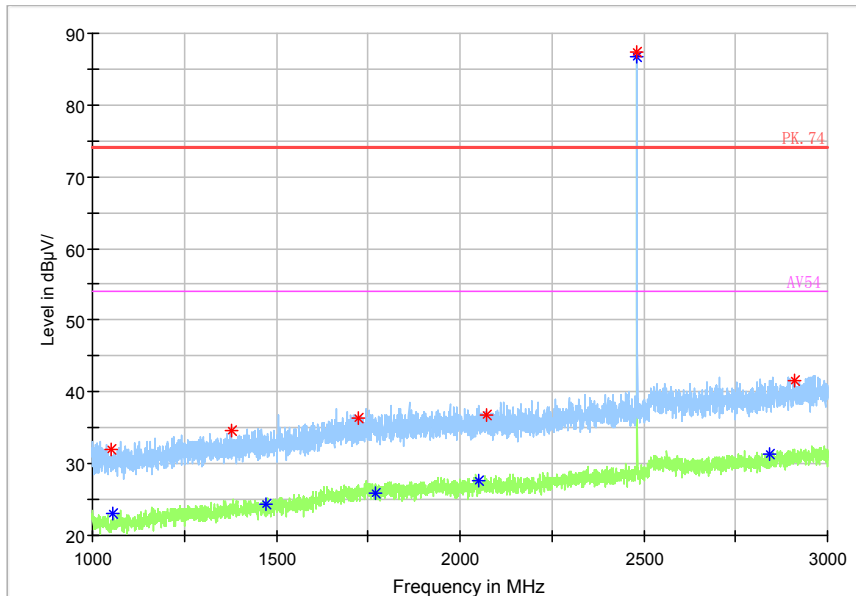
◆ Preview Result 2-AVG ◆ Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ ◆ Final_Result PK+ ◆ Final_Result AVG
◆ AV54

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



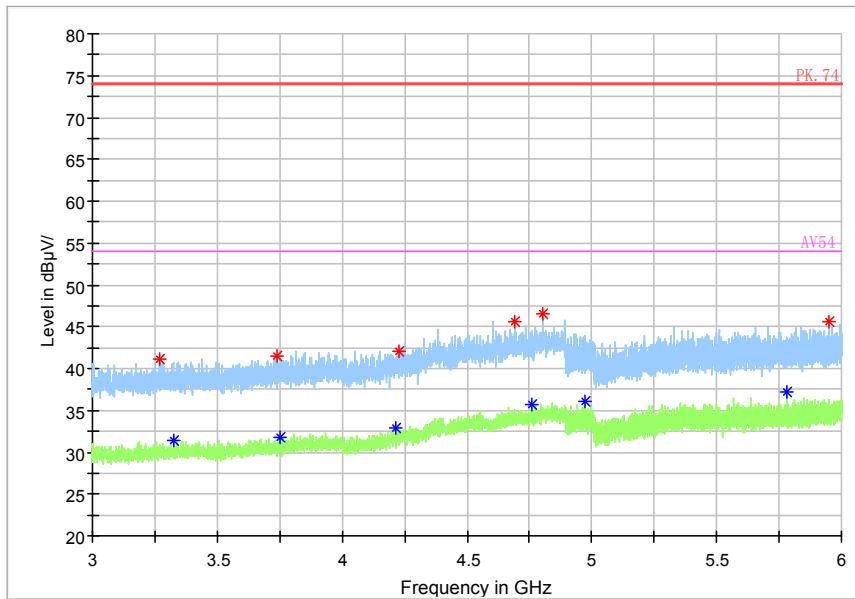
Frequency Range: 30MHz-1000 MHz
 Detector: QP mode
 Modulation type: 8DPSK

Full Spectrum



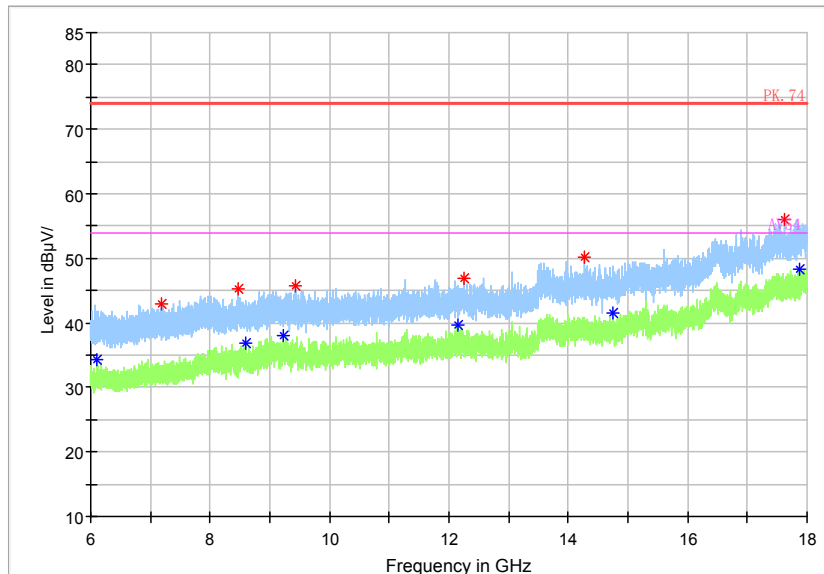
Frequency Range: 1GHz-3GHz
 Detector: Av mode and PK mode
 Modulation type: 8DPSK

Full Spectrum



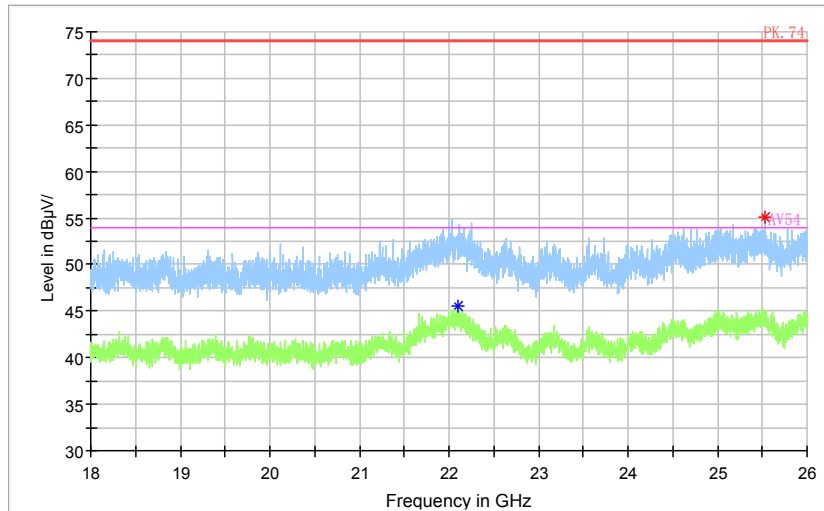
Frequency Range: 3GHz- 6GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

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

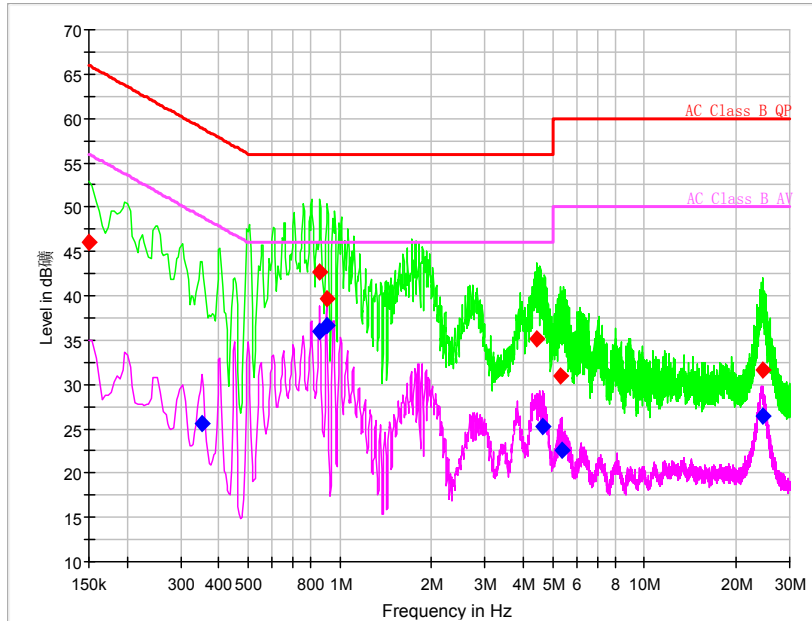
AC Power line Conducted Emission

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: $(45.96 \text{ dB}\mu\text{V}) = (16.36 \text{ dB}\mu\text{V}) + (29.6 \text{ dB})$, the corresponding frequency is 0.150000MHz.



L+N Line

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBµV)	Pmea Average (dBµV)
0.150000	45.96	---	66.00	20.04	L1	29.6	16.3666	---
0.354237	---	25.61	48.86	23.25	L1	29.6	---	-3.99
0.856974	---	35.96	46.00	10.04	L1	29.6	---	6.36
0.860901	42.71	---	56.00	13.29	L1	29.6	13.11	---
0.904105	---	36.64	46.00	9.36	L1	29.7	---	6.94
0.911961	39.74	---	56.00	16.26	L1	29.7	10.04	---
4.415408	35.14	---	56.00	20.86	L1	29.7	5.44	---
4.658921	---	25.32	46.00	20.68	L1	29.7	---	-4.38
5.318763	30.89	---	60.00	29.11	L1	29.7	1.19	---
5.361967	---	22.51	50.00	27.49	L1	29.7	---	-7.19
24.458112	---	26.44	50.00	23.56	N	29.8	---	-3.36
24.458112	31.65	---	60.00	28.35	L1	29.8	1.85	---

---End of Test Report---