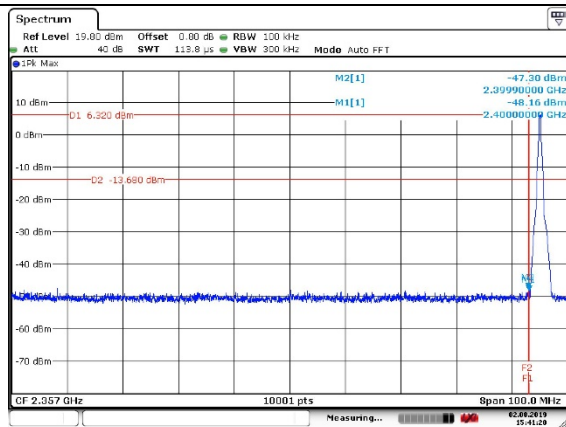
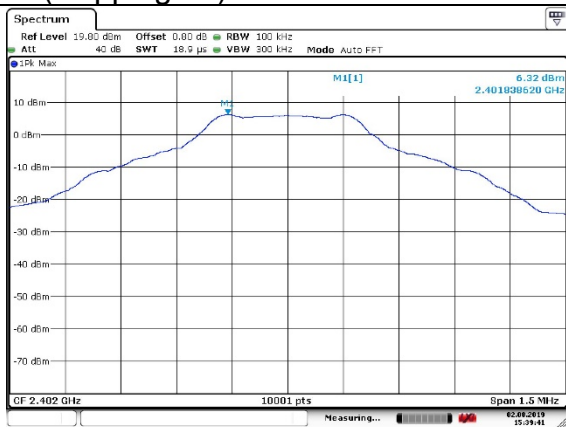


Band Edge measurement

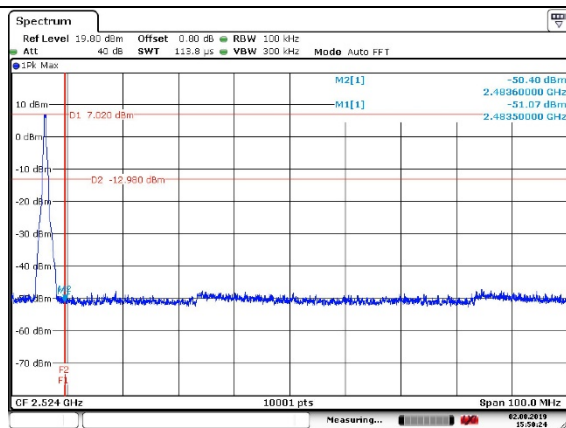
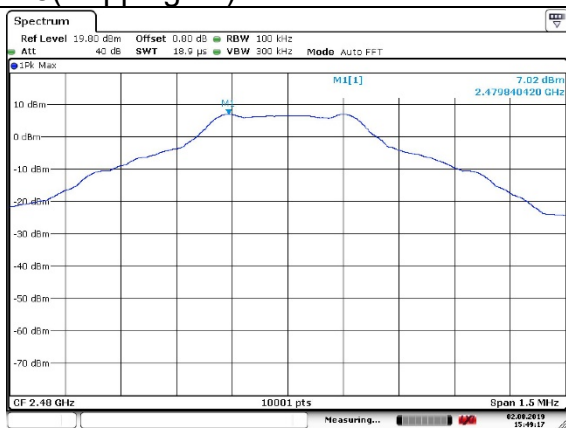
Offset 0.8dB = Temporary antenna connector loss 0.2dB+ Cable loss 0.6dB

GFSK

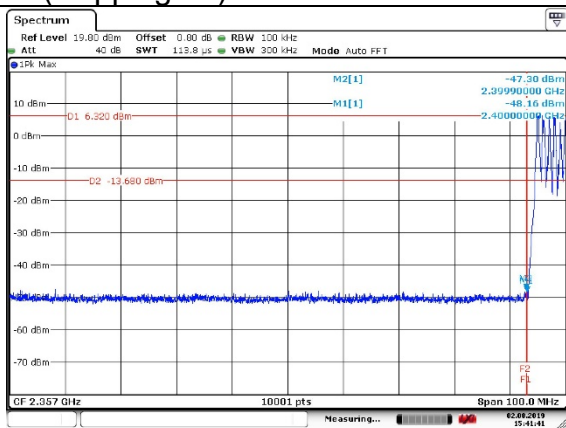
CH0 (Hopping off)



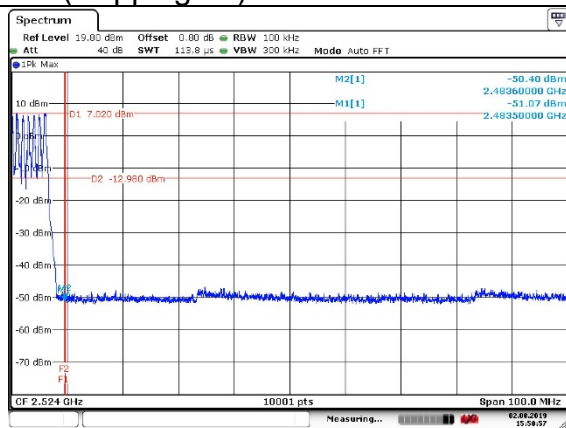
CH78(Hopping off)



CH0 (Hopping on)

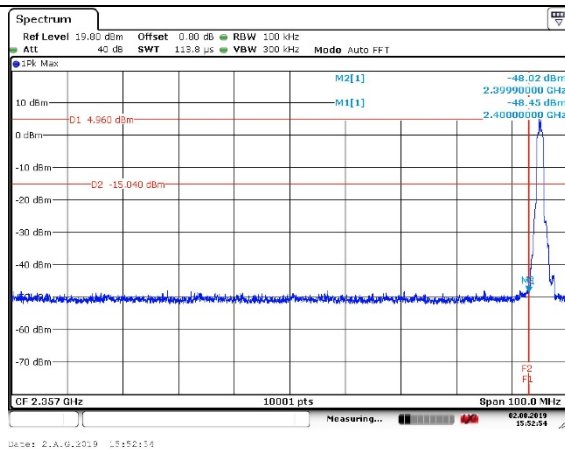
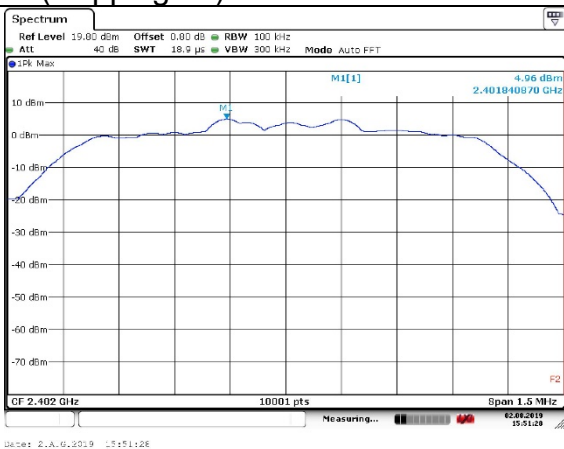


CH78 (Hopping on)

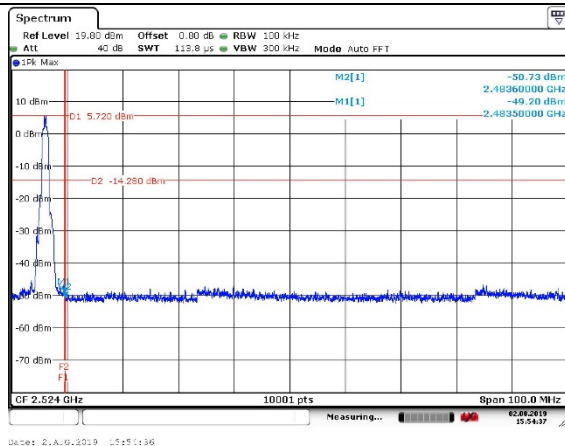
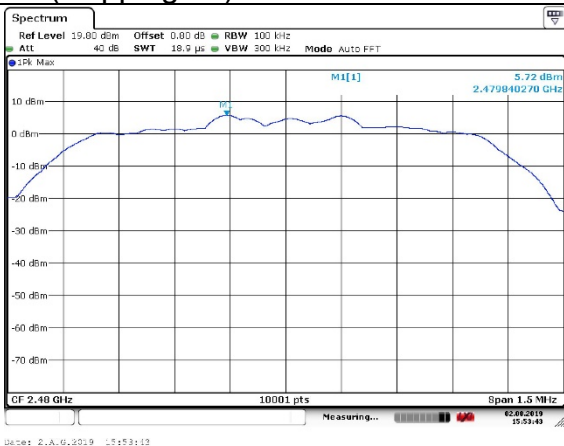


$\pi/4$ DQPSK

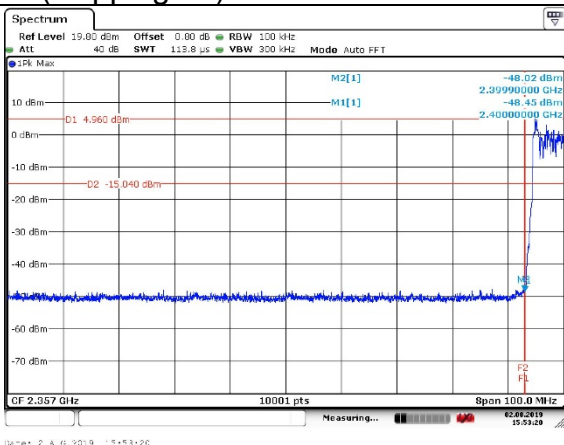
CH0 (Hopping off)



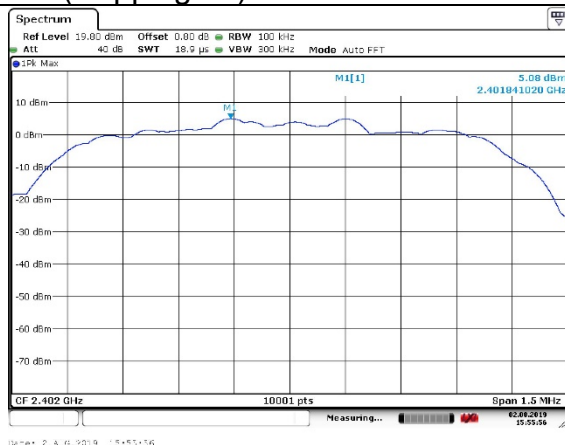
CH78(Hopping off)



CH0 (Hopping on)

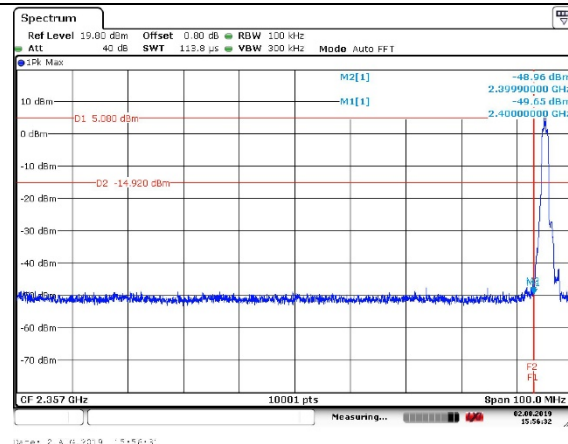
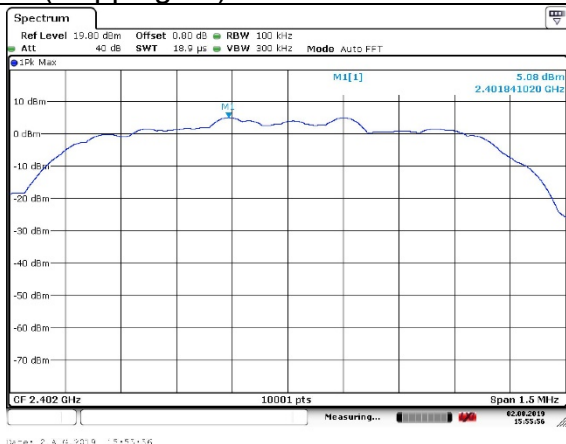


CH78 (Hopping on)

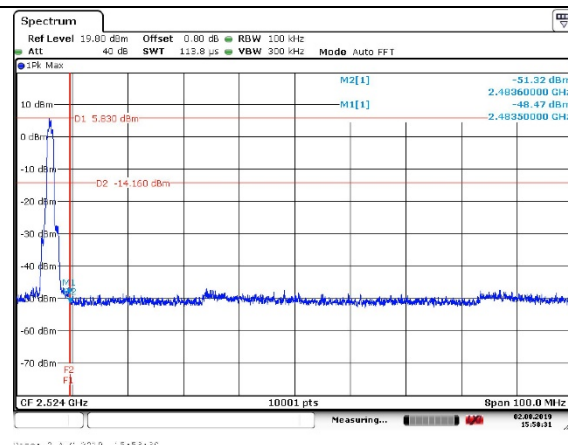
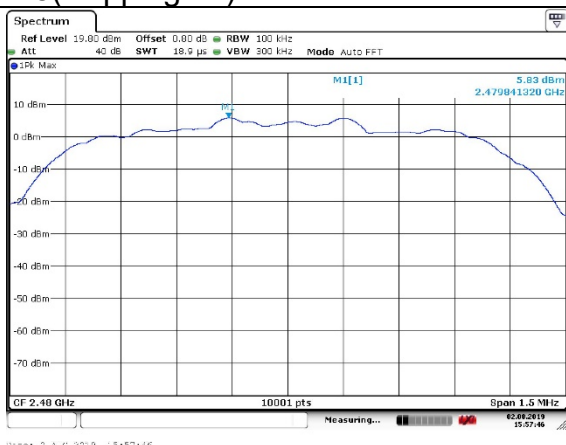


8DPSK

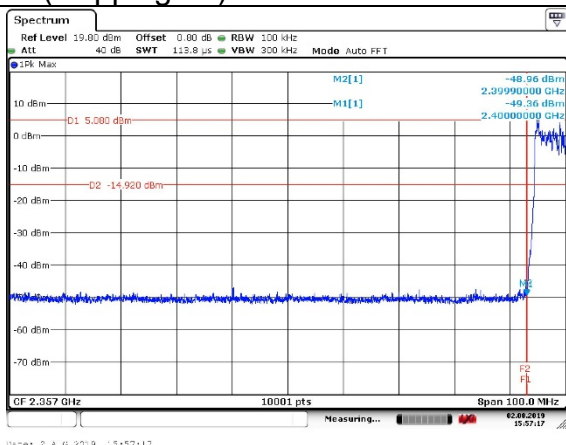
CH0 (Hopping off)



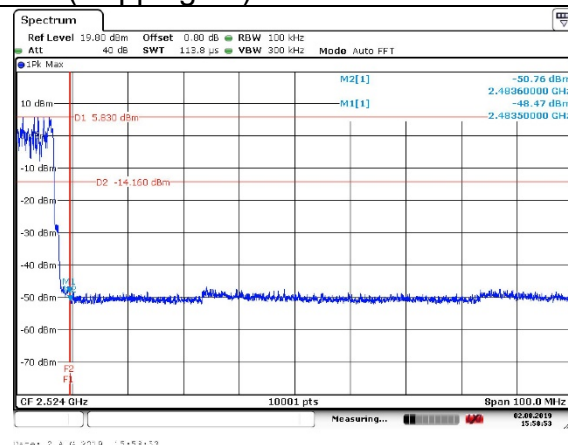
CH78(Hopping off)



CH0 (Hopping on)



CH78 (Hopping on)



APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emission Band Edge

The worst case attitude: The mobile lay down.

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (81.39 dB μ V/m) = (47.39 dB μ V) + (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 (dB μ V/m)	Reading Level (dB μ V)	Over Limit (dB)	Limit (dB μ V/m)	cable loss (dB)	antenna factor (dB)
1	2402	81.39	47.39	N/A	N/A	8.90	25.10
2	2390	38.70	4.70	-35.30	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 (dB μ V/m)	Reading Level (dB μ V)	Over Limit (dB)	Limit (dB μ V/m)	cable loss (dB)	antenna factor (dB)
1	2402	77.92	43.92	N/A	N/A	8.90	25.10
2	2390	34.44	0.44	-39.56	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 (dB μ V/m)	Reading Level (dB μ V)	Over Limit (dB)	Limit (dB μ V/m)	cable loss (dB)	antenna factor (dB)
1	2402	70.55	36.55	N/A	N/A	8.90	25.10
2	2390	28.28	-5.72	-25.72	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	65.50	31.50	N/A	N/A	8.90	25.10
2	2390	26.40	-7.60	-27.60	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	81.47	47.47	N/A	N/A	8.90	25.10
2	2483.5	40.59	6.59	-33.41	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	78.93	44.93	N/A	N/A	8.90	25.10
2	2483.5	36.03	2.03	-37.97	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	69.36	35.36	N/A	N/A	8.90	25.10
2	2483.5	28.45	-5.55	-25.55	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	65.60	31.60	N/A	N/A	8.90	25.10
2	2483.5	27.96	-6.04	-26.04	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	81.76	47.76	N/A	N/A	8.90	25.10
2	2390	41.24	7.24	-32.76	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	78.54	44.54	N/A	N/A	8.90	25.10
2	2390	34.86	0.86	-39.14	74.00	8.90	25.10

Carrier frequency (MHz): 2402

Channel No.:0

Test Mode: $\pi/4$ DQPSK

Polarity: Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2402	70.02	36.02	N/A	N/A	8.90	25.10
2	2390	28.94	-5.06	-25.06	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	66.57	32.57	N/A	N/A	8.90	25.10
2	2390	27.81	-6.19	-26.19	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	81.09	47.09	N/A	N/A	8.90	25.10
2	2483.5	38.98	4.98	-35.02	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	77.02	43.02	N/A	N/A	8.90	25.10
2	2483.5	36.25	2.25	-37.75	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	70.45	36.45	N/A	N/A	8.90	25.10
2	2483.5	26.91	-7.09	-27.09	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	65.64	31.64	N/A	N/A	8.90	25.10
2	2483.5	26.45	-7.55	-27.55	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	81.65	47.65	N/A	N/A	8.90	25.10
2	2390	39.09	5.09	-34.91	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	78.59	44.59	N/A	N/A	8.90	25.10
2	2390	35.84	1.84	-38.16	74.00	8.90	25.10

Carrier frequency (MHz): 2402

Channel No.:0

Test Mode: 8DPSK

Polarity: Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2402	71.09	37.09	N/A	N/A	8.90	25.10
2	2390	27.89	-6.11	-26.11	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	66.77	32.77	N/A	N/A	8.90	25.10
2	2390	27.01	-6.99	-26.99	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	81.73	47.73	N/A	N/A	8.90	25.10
2	2483.5	41.71	7.71	-32.29	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	78.12	44.12	N/A	N/A	8.90	25.10
2	2483.5	37.62	3.62	-36.38	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	68.22	34.22	N/A	N/A	8.90	25.10
2	2483.5	28.41	-5.59	-25.59	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	65.29	31.29	N/A	N/A	8.90	25.10
2	2483.5	27.38	-6.62	-26.62	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: (28.26 dBuV/m) = (49.36 dBuV) + (-21.1 dB/m), the corresponding frequency is 30.280000MHz.

The worst case attitude: The mobile lay down.

For GFSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity	Limit (dBuV/m)
30.280000	28.26	-21.1	49.36	Vertical	40.00
31.095500	33.69	-20.8	54.49	Vertical	40.00
32.687500	31.94	-20.4	52.34	Vertical	40.00
38.496500	20.93	-18.6	39.53	Vertical	40.00
38.593500	21.21	-18.6	39.81	Vertical	40.00
48.977500	24.05	-17.2	41.25	Vertical	40.00

For $\pi/4$ DQPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity	Limit (dBuV/m)
31.064000	33.42	-20.8	54.22	Vertical	40.00
32.531000	31.89	-20.4	52.29	Vertical	40.00
32.573500	32.14	-20.4	52.54	Vertical	40.00
33.457500	29.11	-20.1	49.21	Vertical	40.00
33.472000	29.12	-20.1	49.22	Vertical	40.00
33.628500	28.50	-20.1	48.6	Vertical	40.00

For 8DPSK
Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.080000	27.57	-21.2	48.77	Vertical	40.00
31.032500	32.59	-20.9	53.49	Vertical	40.00
31.078500	32.73	-20.8	53.53	Vertical	40.00
31.614500	30.95	-20.7	51.65	Vertical	40.00
32.422000	32.34	-20.5	52.84	Vertical	40.00
33.426000	28.75	-20.2	48.95	Vertical	40.00

For GFSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.379500	32.50	-20.5	53	Vertical	40.00
33.906000	28.89	-20.0	48.89	Vertical	40.00
35.859500	22.29	-19.4	41.69	Vertical	40.00
38.324500	20.68	-18.7	39.38	Vertical	40.00
48.815000	23.56	-17.2	40.76	Vertical	40.00
832.994500	16.32	-2.7	19.02	Vertical	46.00

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

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.192500	31.09	-20.8	51.89	Vertical	40.00
32.225500	32.67	-20.5	53.17	Vertical	40.00
33.771500	29.49	-20.1	49.59	Vertical	40.00
34.596000	25.36	-19.8	45.16	Vertical	40.00
45.514500	22.42	-17.5	39.92	Vertical	40.00
48.496000	23.53	-17.2	40.73	Vertical	40.00

For 8DPSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
32.0485	32.64	-20.6	53.24	Vertical	40.00
32.0765	32.64	-20.6	53.24	Vertical	40.00
32.7845	29.43	-20.3	49.73	Vertical	40.00
33.552	29.6	-20.1	49.7	Vertical	40.00
35.4265	23.68	-19.6	43.28	Vertical	40.00
48.245	23.32	-17.3	40.62	Vertical	40.00

For GFSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.328000	28.88	-21.1	49.98	Vertical	40.00
31.027500	31.33	-20.9	52.23	Vertical	40.00
31.032500	31.28	-20.9	52.18	Vertical	40.00
31.706500	31.21	-20.7	51.91	Vertical	40.00
33.466000	30.02	-20.1	50.12	Vertical	40.00
34.250500	25.94	-19.9	45.84	Vertical	40.00

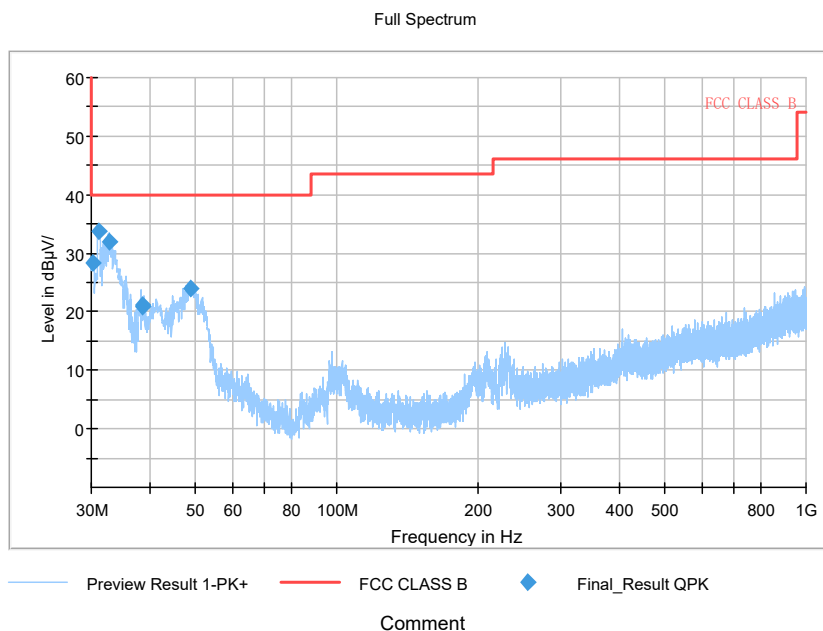
For $\pi/4$ DQPSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.024000	30.97	-20.9	51.87	Vertical	40.00
31.030000	31.26	-20.9	52.16	Vertical	40.00
31.863000	32.53	-20.6	53.13	Vertical	40.00
31.865500	32.31	-20.6	52.91	Vertical	40.00
33.355500	30.09	-20.2	50.29	Vertical	40.00
33.446500	29.95	-20.2	50.15	Vertical	40.00

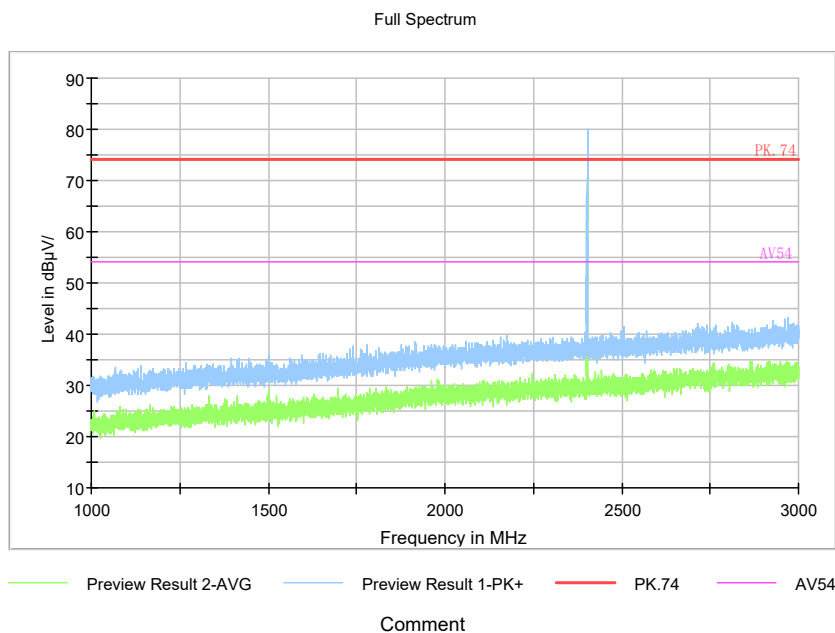
For 8DPSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.240000	28.28	-21.1	49.38	Vertical	40.00
31.654500	31.12	-20.7	51.82	Vertical	40.00
33.061000	29.13	-20.3	49.43	Vertical	40.00
34.501500	24.65	-19.8	44.45	Vertical	40.00
35.665500	22.13	-19.5	41.63	Vertical	40.00
49.245500	24.02	-17.2	41.22	Vertical	40.00

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

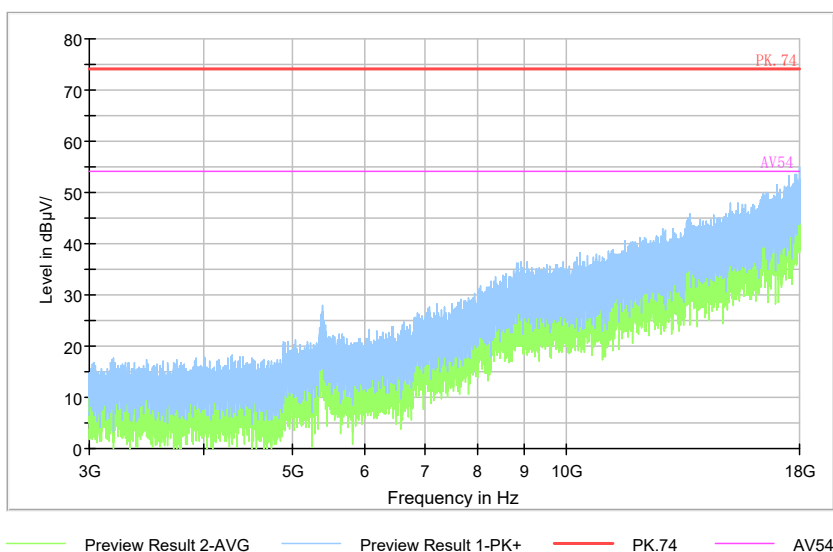


Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK



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

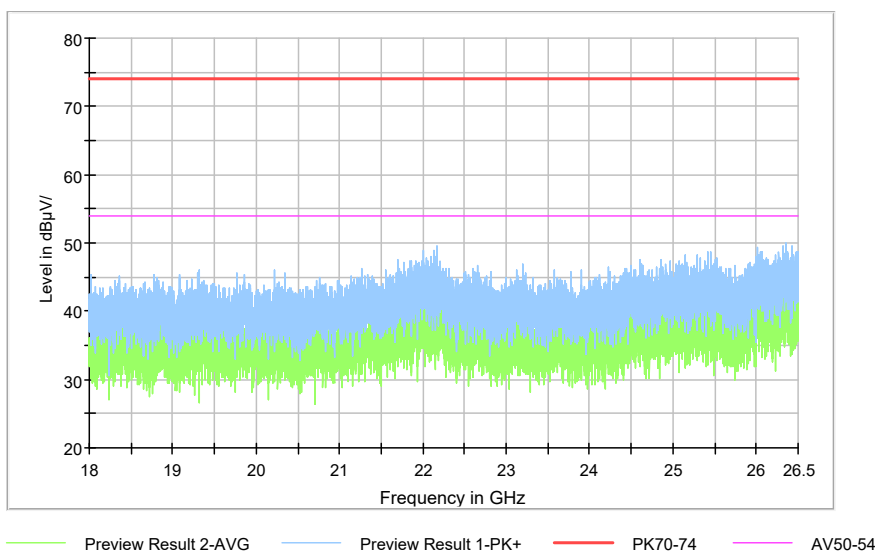
Full Spectrum



Comment

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

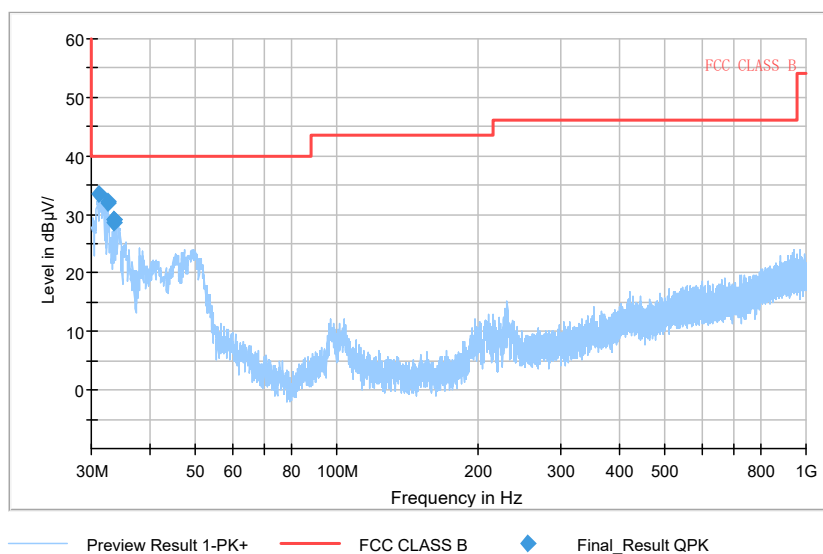
Full Spectrum



Comment

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

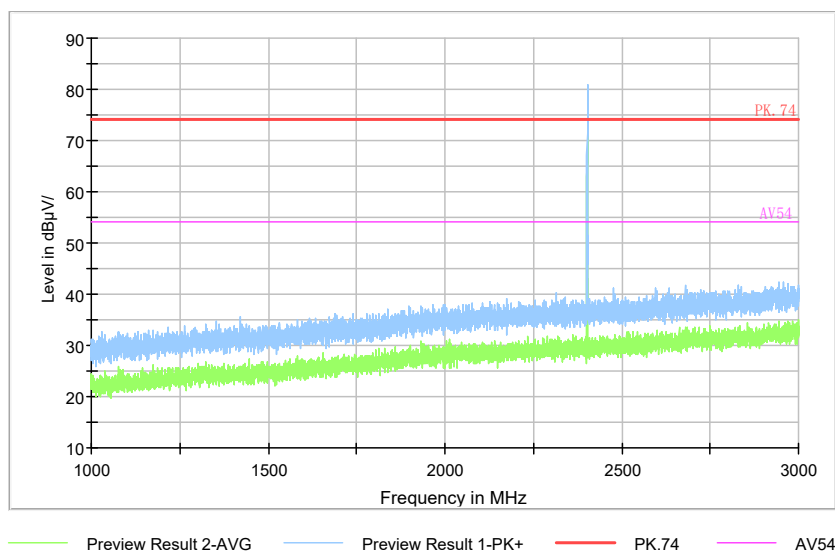
Full Spectrum



Comment

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

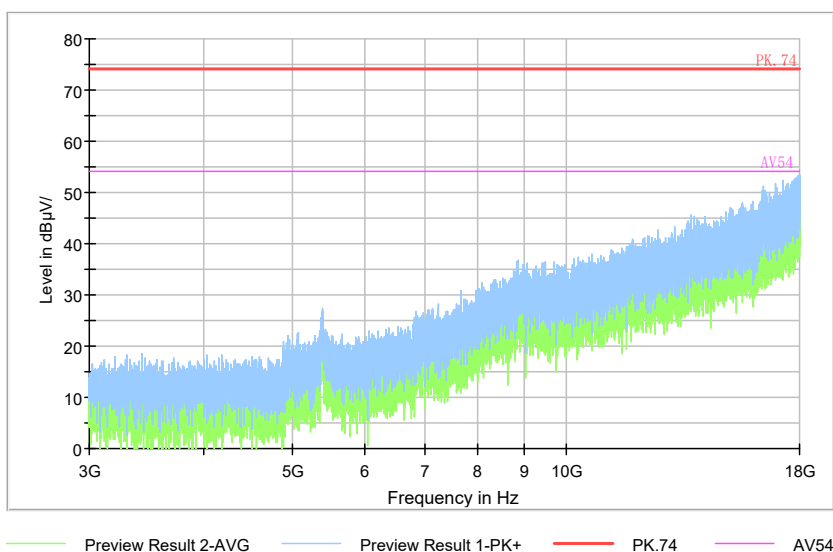
Full Spectrum



Comment

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

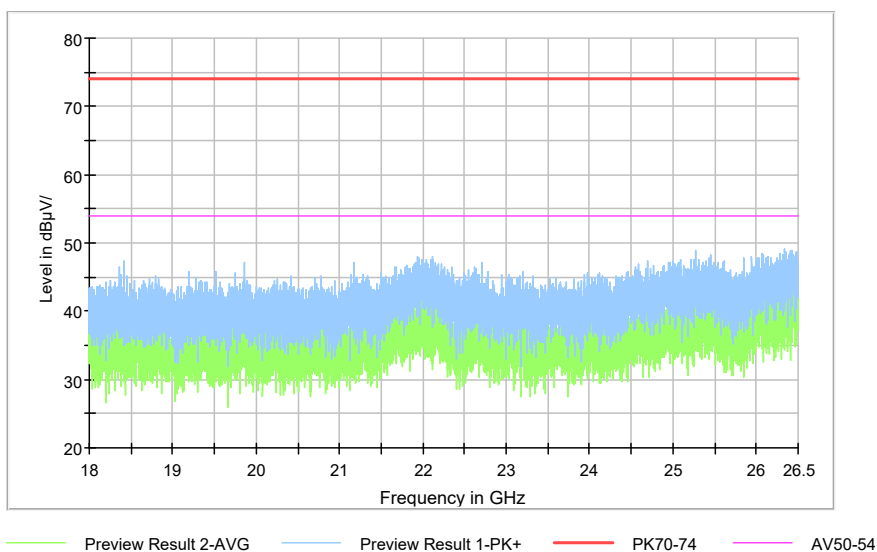
Full Spectrum



Comment

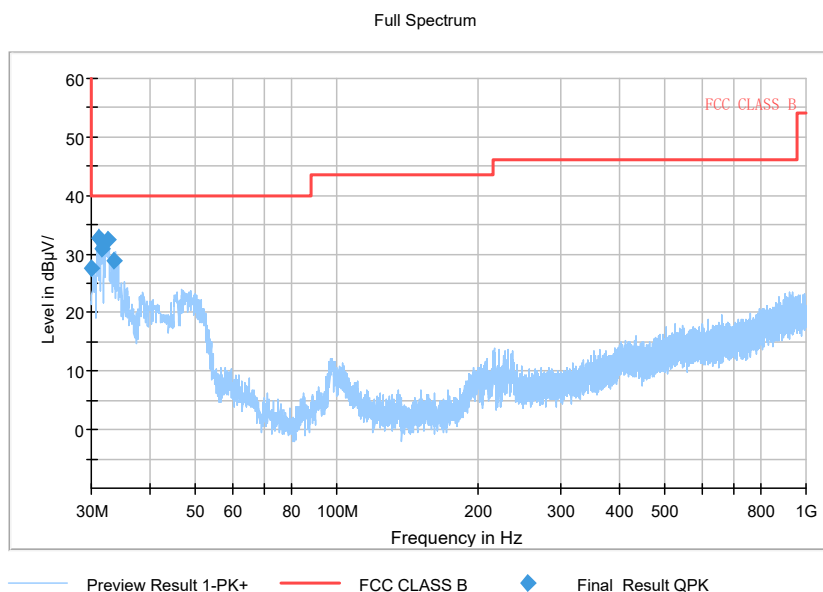
Frequency Range: 3GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



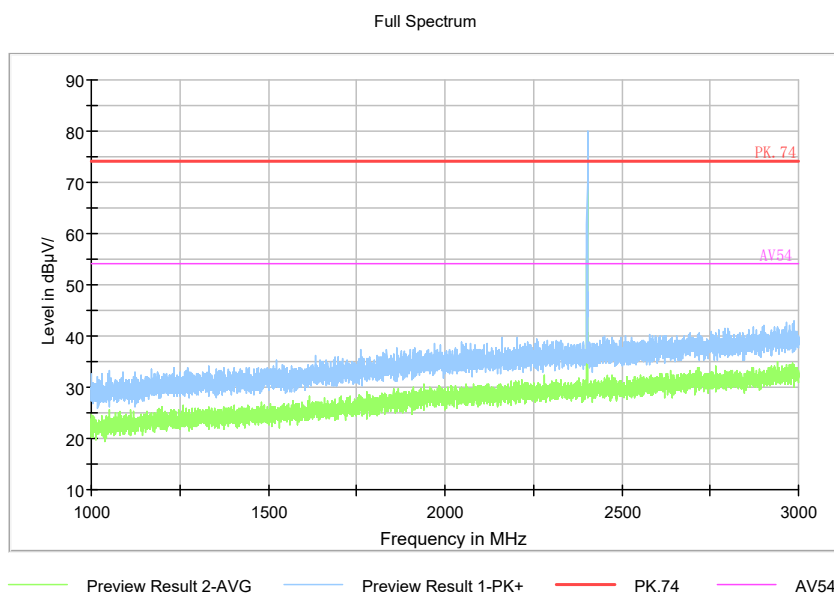
Comment

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



Comment

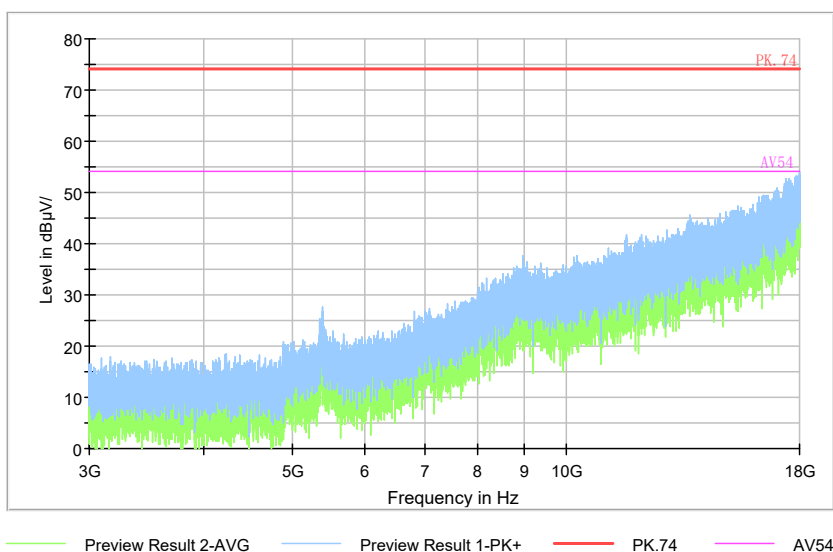
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK



Comment

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

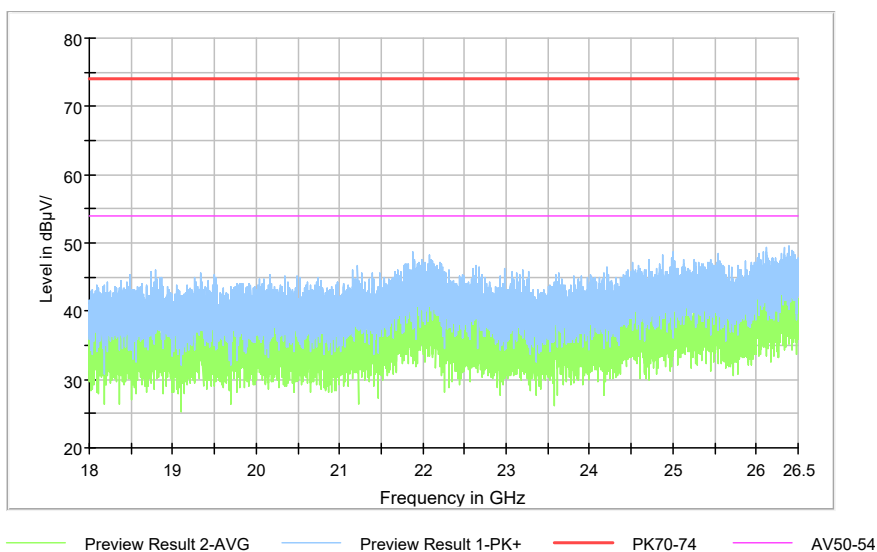
Full Spectrum



Comment

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

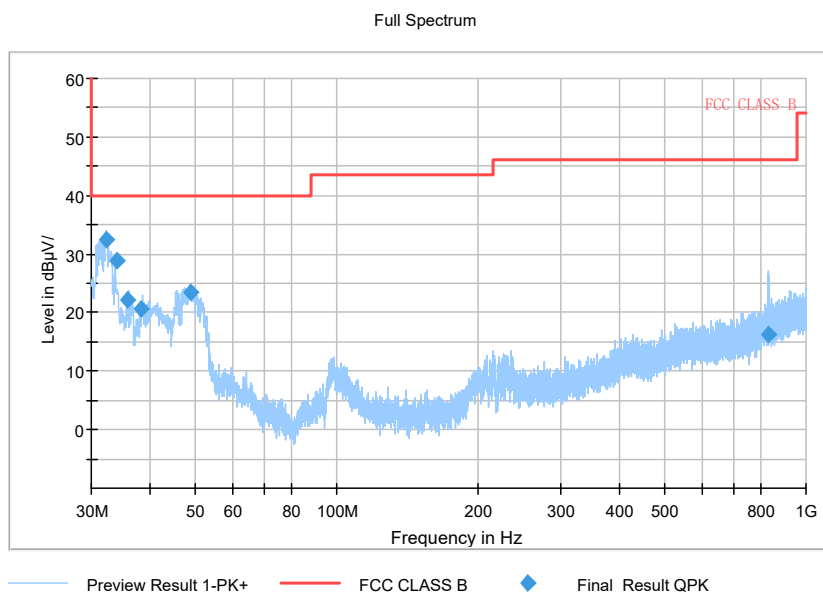
Full Spectrum



Comment

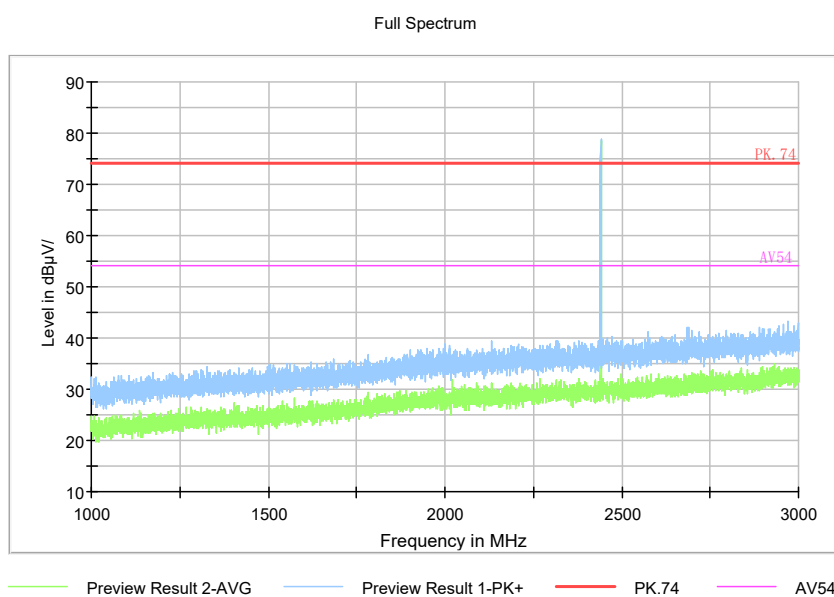
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

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



Comment

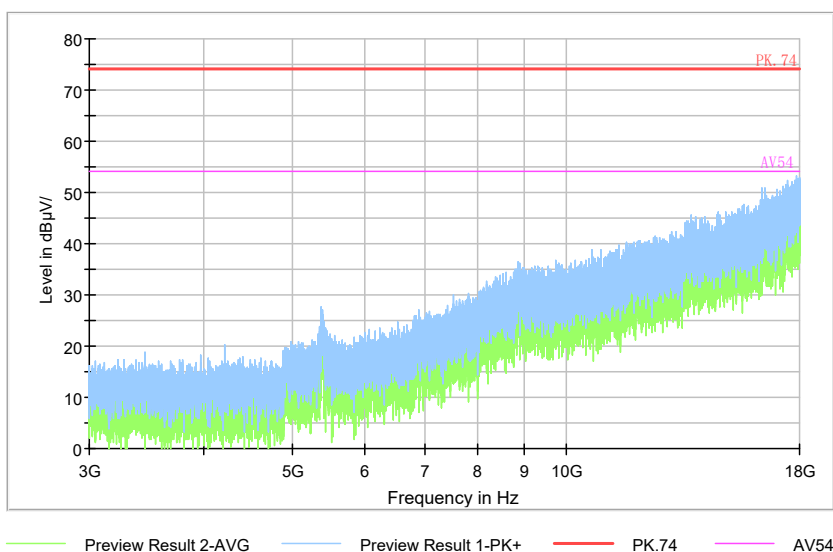
Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK



Comment

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

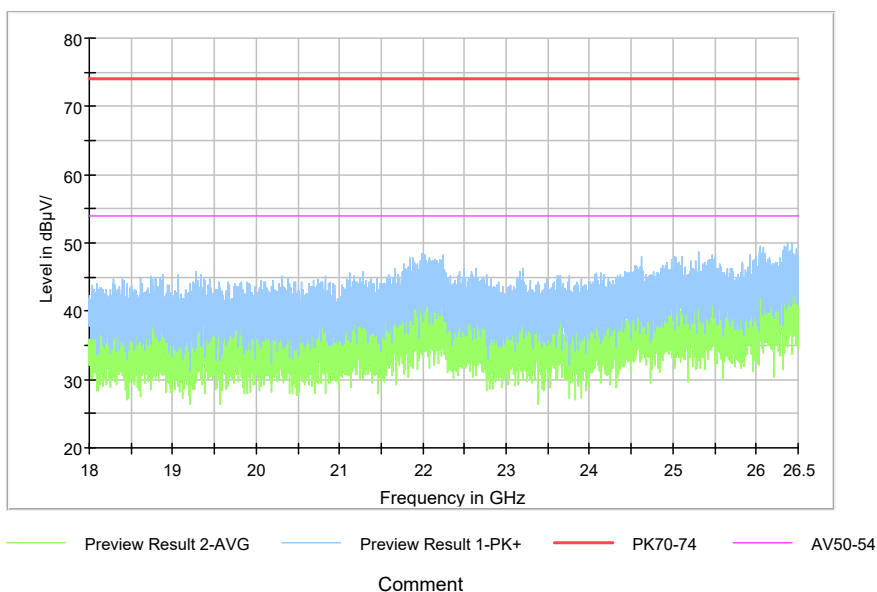
Full Spectrum



Comment

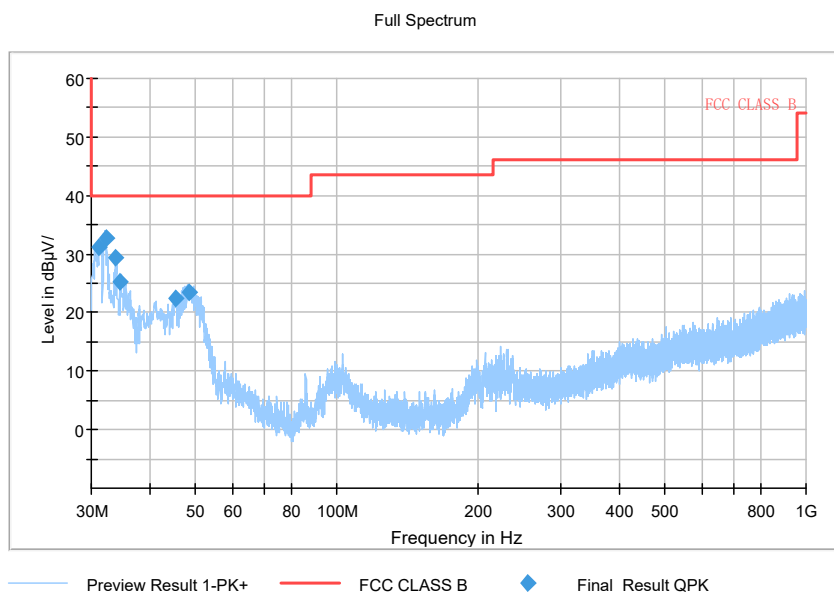
Frequency Range: 3GHz- 18GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



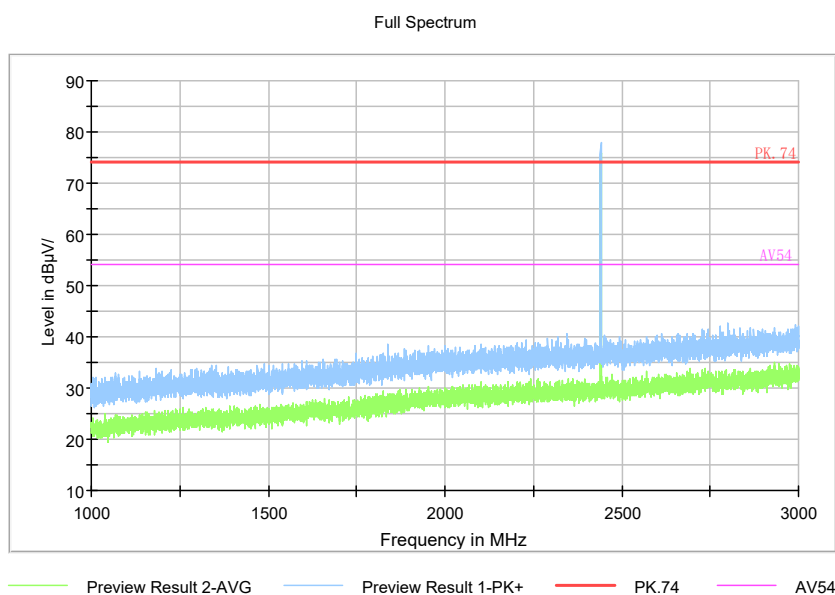
Comment

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



Comment

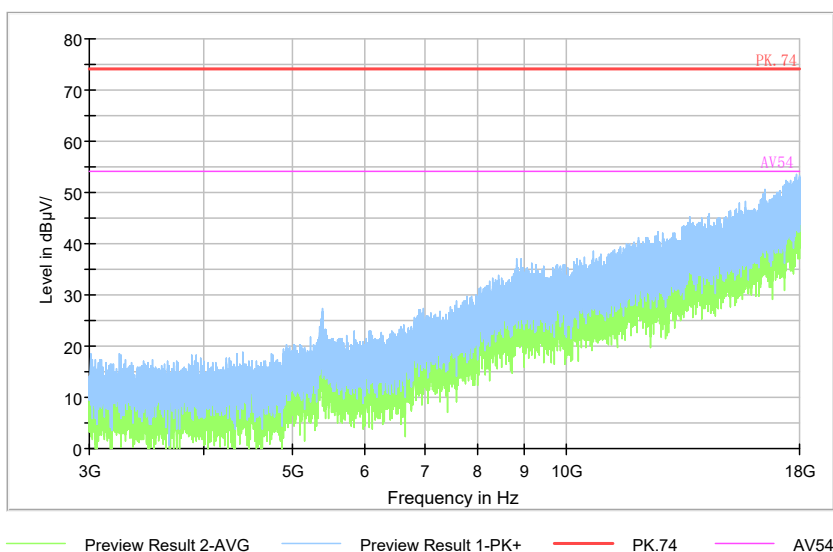
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: $\pi/4$ DQPSK



Comment

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

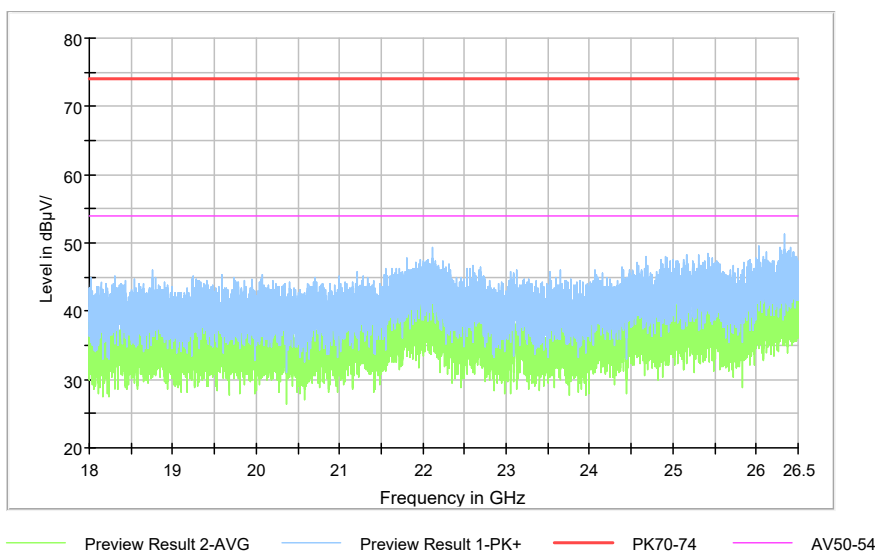
Full Spectrum



Comment

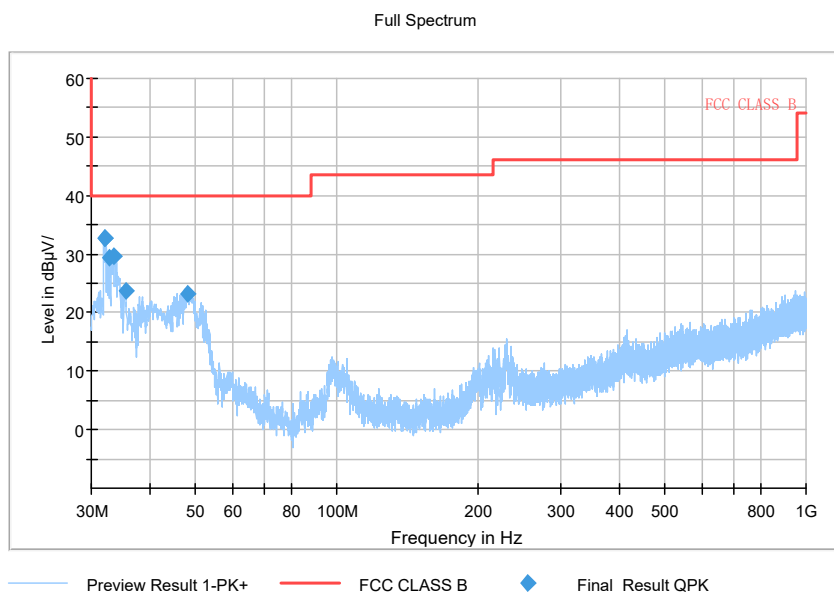
Frequency Range: 3GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



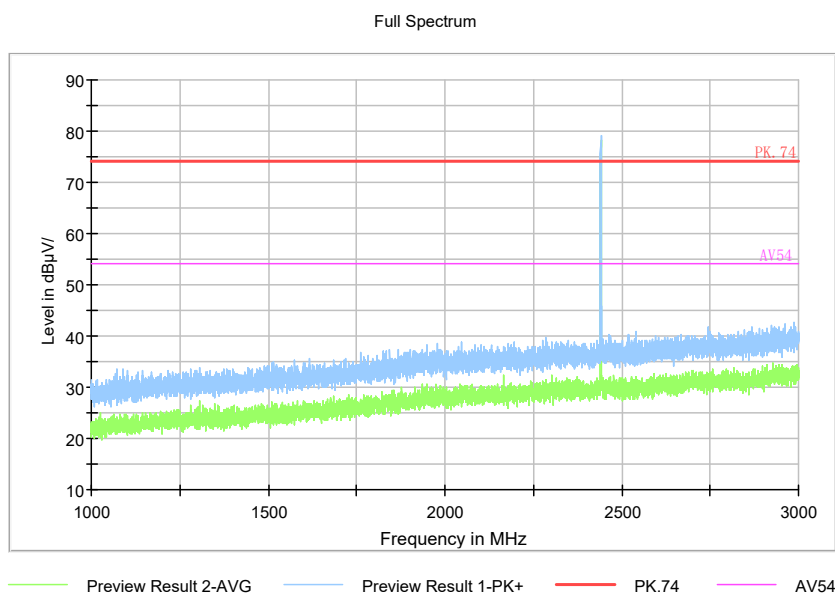
Comment

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



Comment

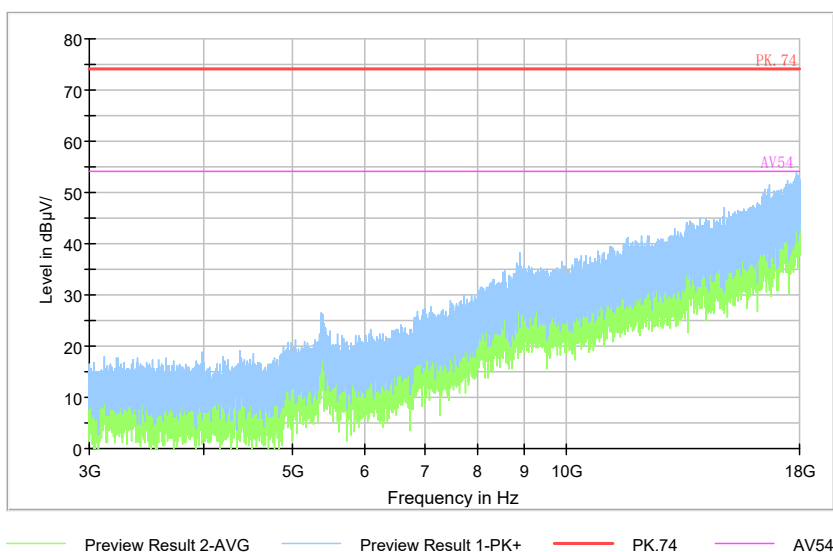
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK



Comment

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

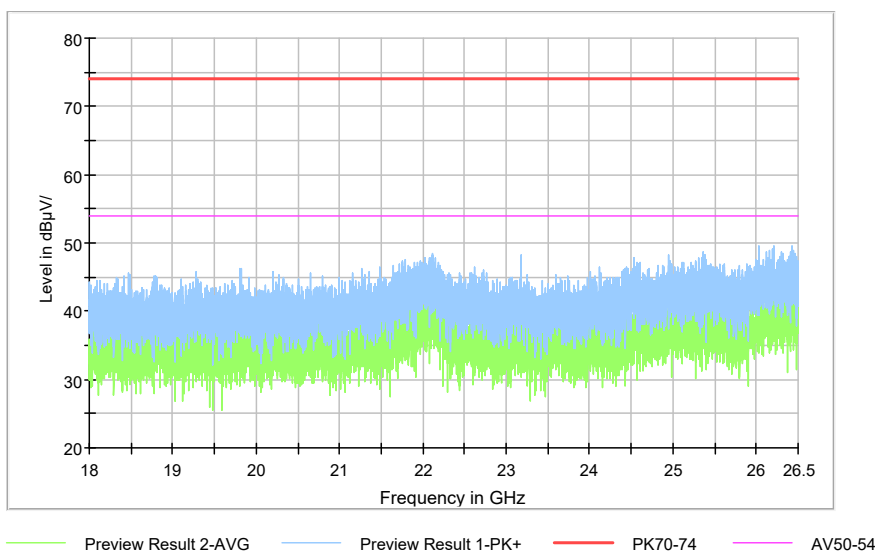
Full Spectrum



Comment

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

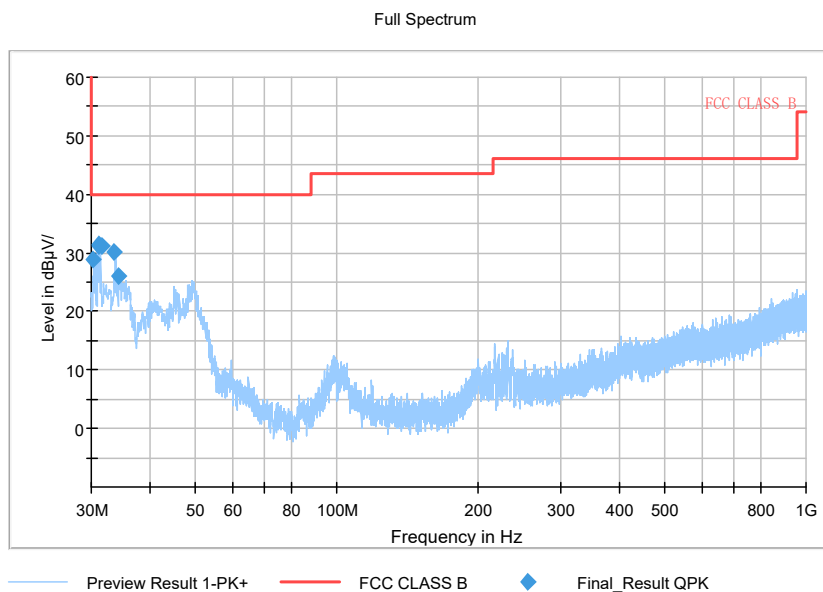
Full Spectrum



Comment

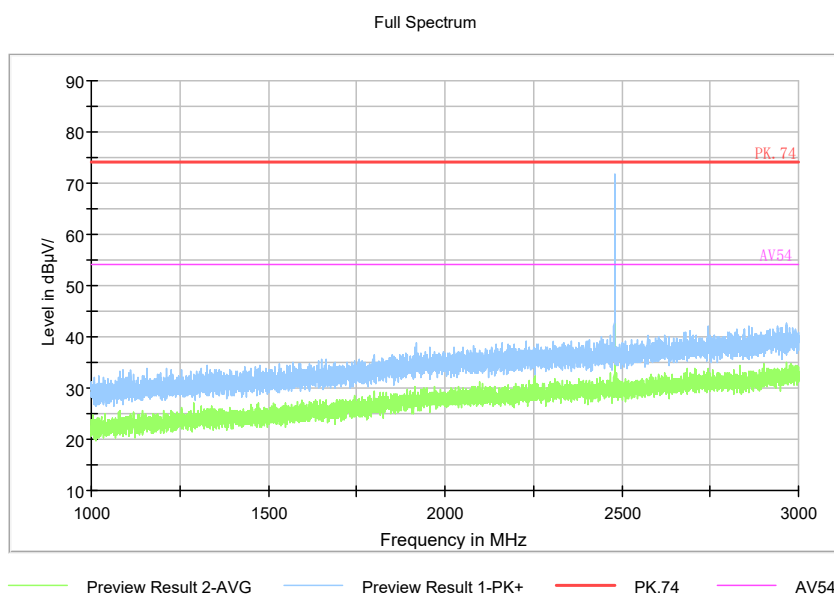
Frequency Range: 18GHz-25GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

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



Comment

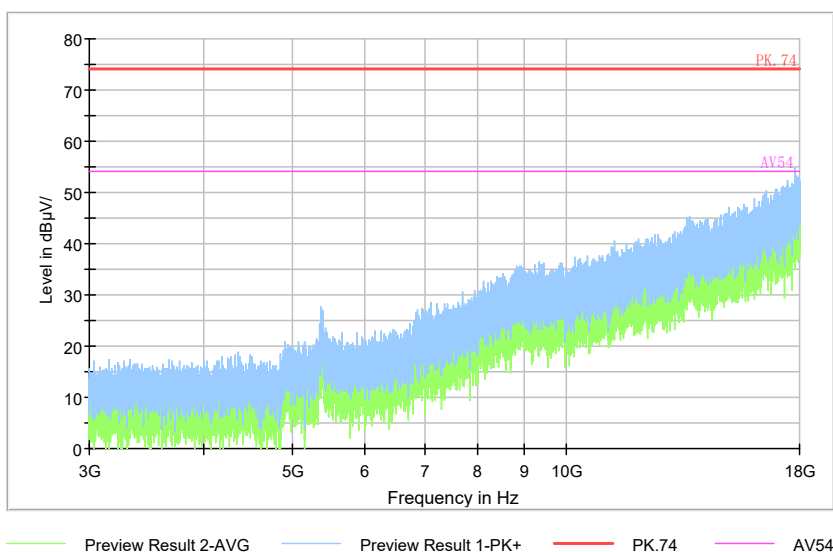
Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK



Comment

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

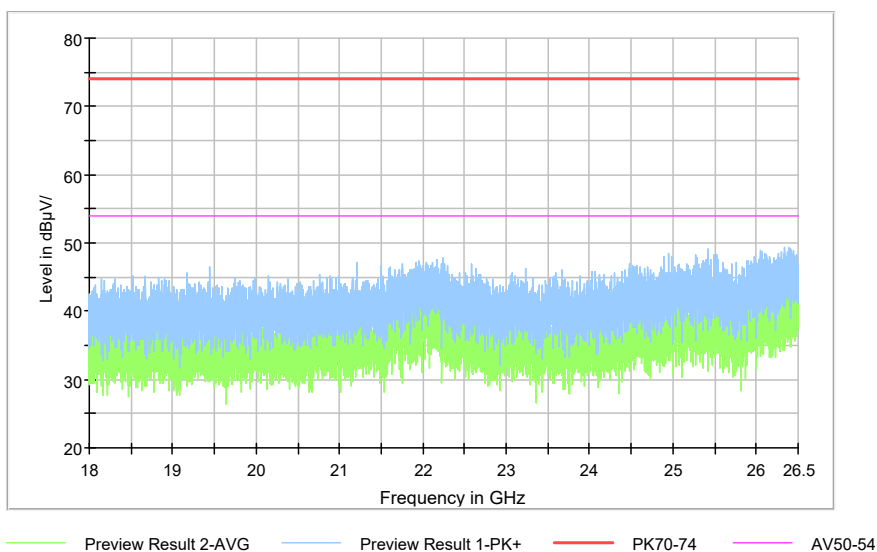
Full Spectrum



Comment

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

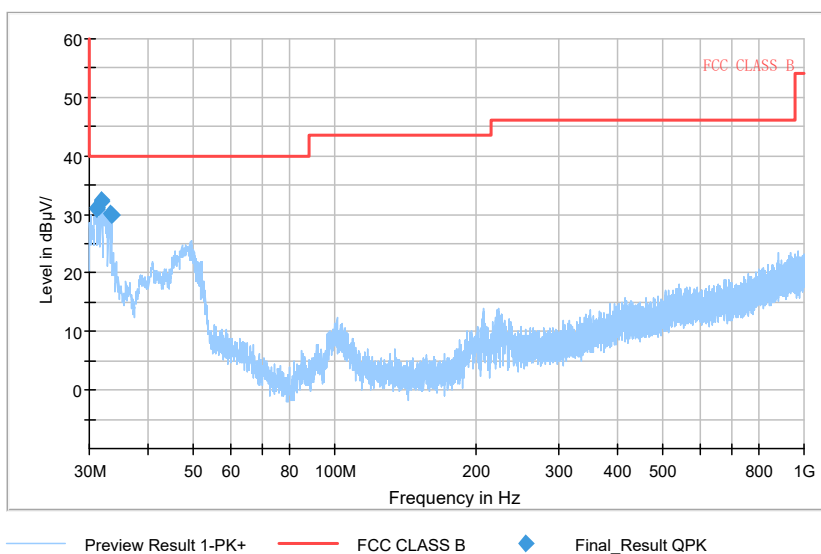
Full Spectrum



Comment

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

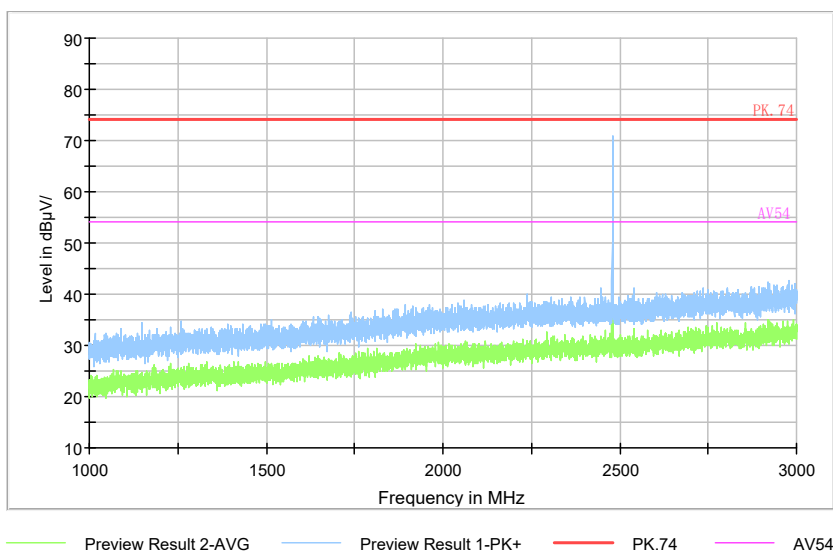
Full Spectrum



Comment

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

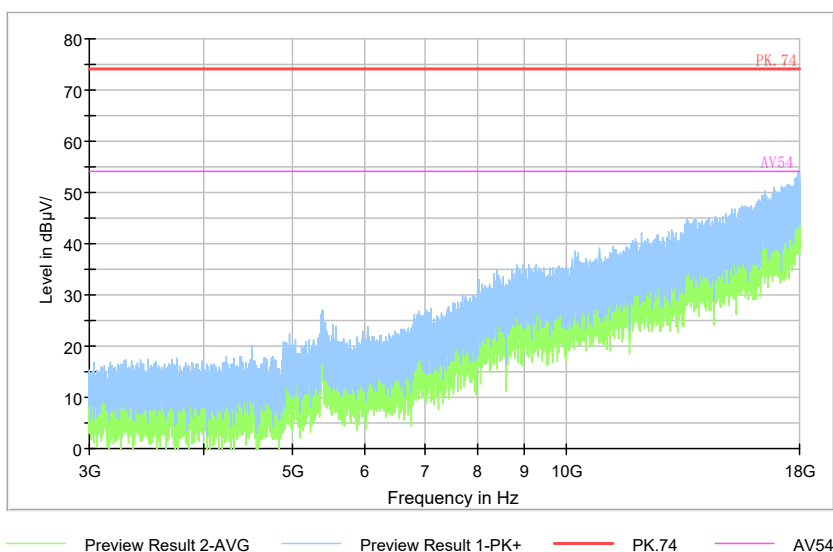
Full Spectrum



Comment

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

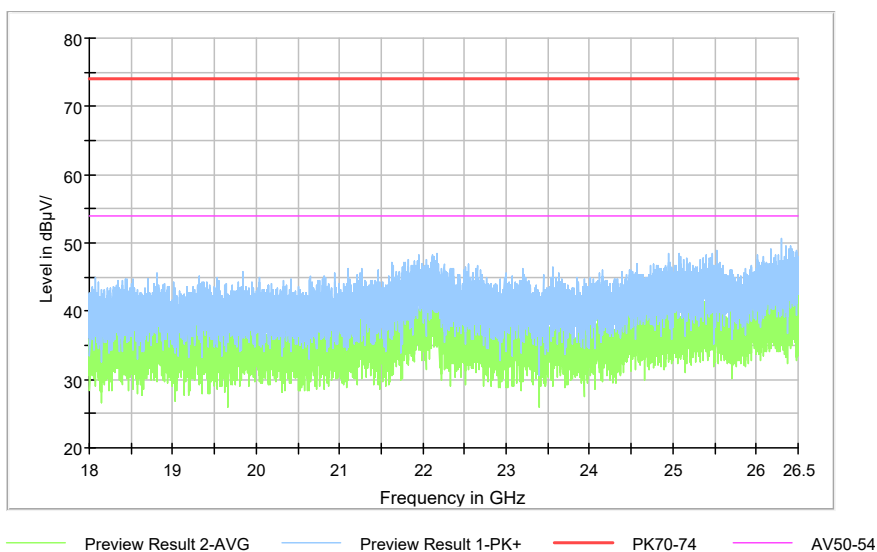
Full Spectrum



Comment

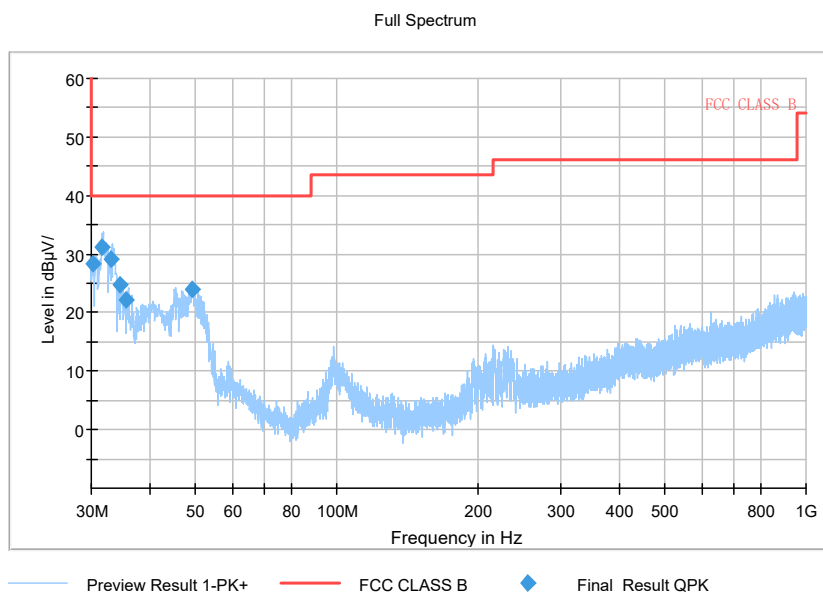
Frequency Range: 3GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



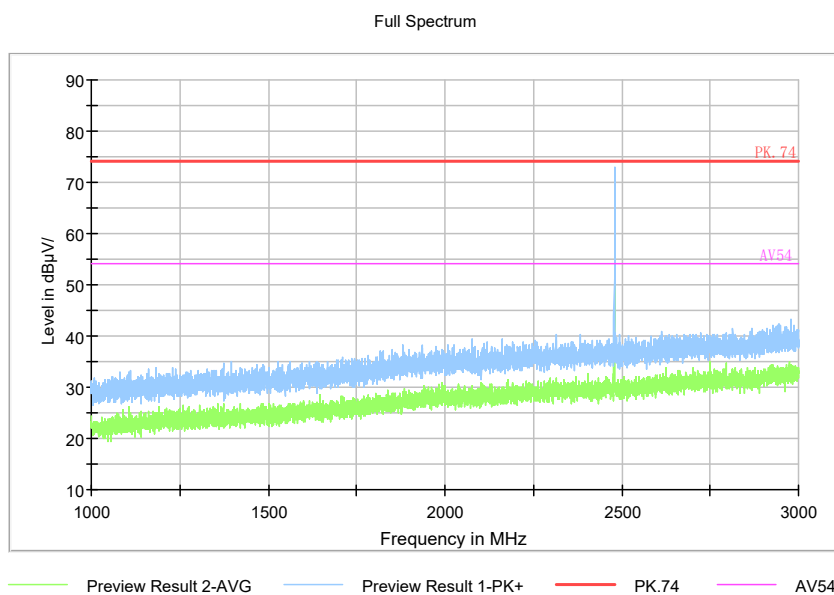
Comment

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



Comment

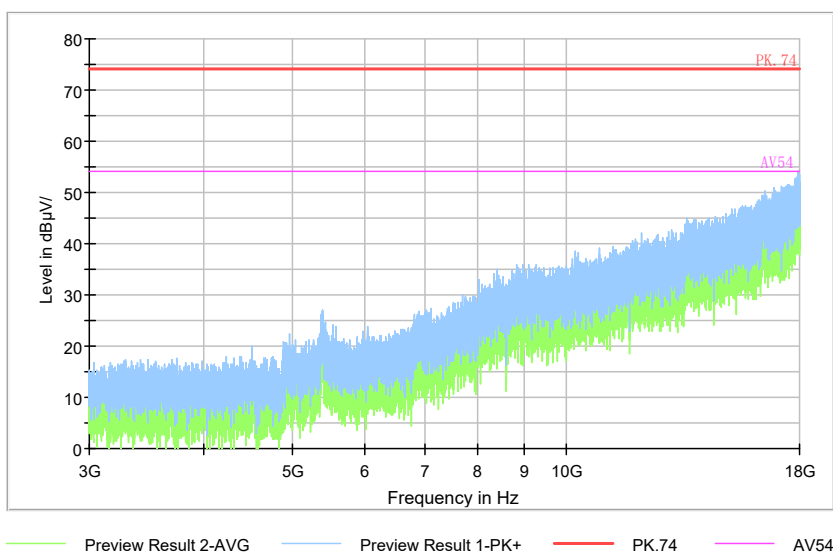
Frequency Range: 30MHz-1000 MHz
Detector: QP mode
Modulation type: 8DPSK



Comment

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

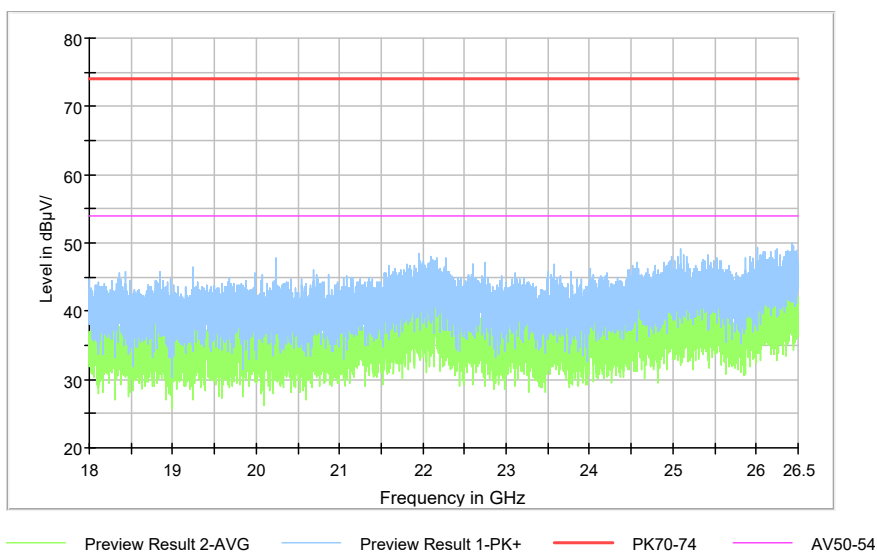
Full Spectrum



Comment

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

Full Spectrum



Comment

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

AC Power line Conducted Emission (GFSK + Charging)

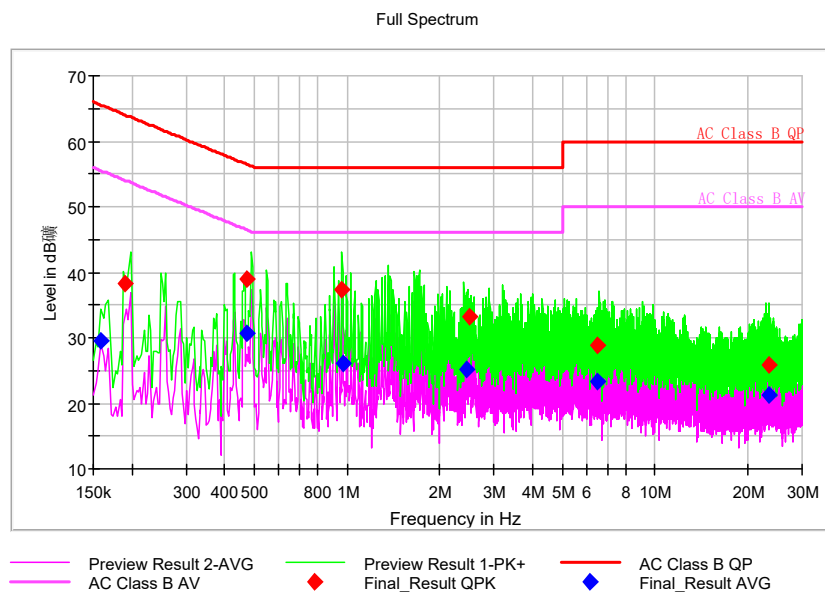
A "reference path loss" Corr.(dB) is established and the $L_{\text{cable}} + \text{ATT} + \text{VDF}$ is the attenuation of "reference path loss", and including the cable loss, the attenuation of the attenuator, the voltage division factor of AMN.

The measurement results are obtained as described below:

$$P_{\text{result}} = P_{\text{mea}} + \text{Corr. (dB)}$$

According to the test result of PART 15B, the charger by CHENYANG is selected for testing.

Sample calculation: $(29.63 \text{ dB}\mu\text{V}) = (-0.07 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$, the corresponding frequency is 0.158000MHz.



Comment

L+N Line

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea Quasi Peak (dBμV)	Pmea Average (dBμV)
0.158000	---	29.63	55.57	25.94	L1	29.7	---	-0.07
0.190000	38.21	---	64.04	25.82	L1	29.7	8.51	---
0.470290	---	30.68	46.51	15.83	L1	29.7	---	0.98
0.470290	38.92	---	56.51	17.58	L1	29.7	9.22	---
0.964905	37.34	---	56.00	18.66	N	29.7	7.64	---
0.972905	---	26.14	46.00	19.86	L1	29.7	---	-3.56
2.445405	---	25.25	46.00	20.75	L1	29.8	---	-4.55
2.488690	33.30	---	56.00	22.70	N	29.8	3.5	---
6.530555	28.87	---	60.00	31.13	L1	29.9	-1.03	---
6.531690	---	23.29	50.00	26.71	L1	29.9	---	-6.61
23.312345	25.82	---	60.00	34.18	L1	30.0	-4.18	---
23.411210	---	21.17	50.00	28.83	L1	30.0	---	-8.83

---End of Test Report---