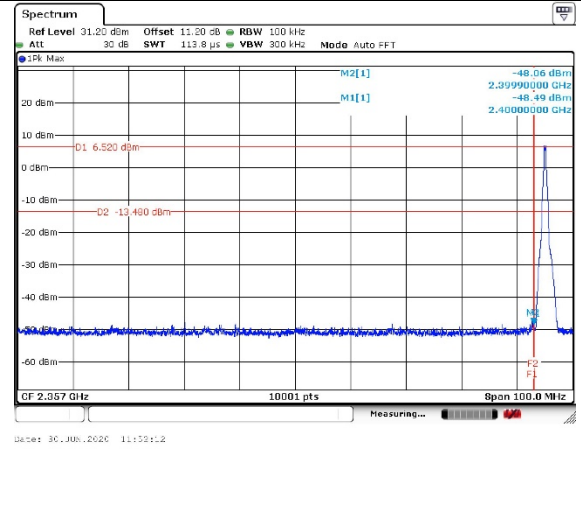
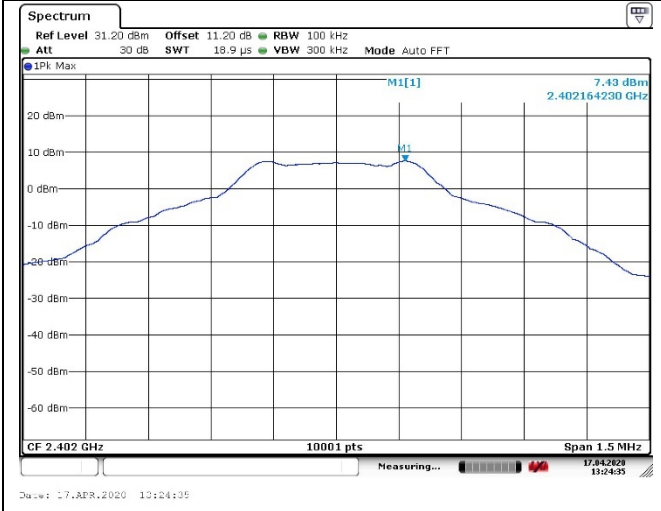


### Band Edge measurement

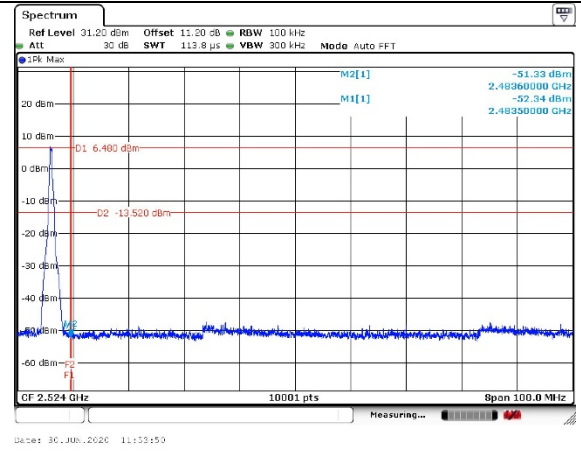
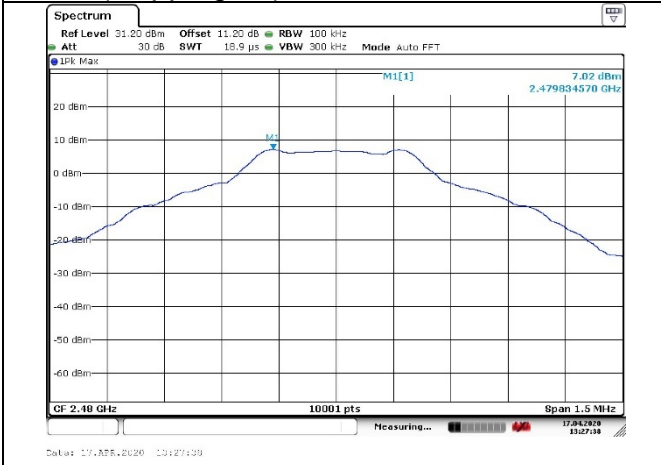
Offset 11.2dB = Attenuator 10dB+ Temporary antenna connector loss 0.2dB+ Cable loss 1dB

### GFSK

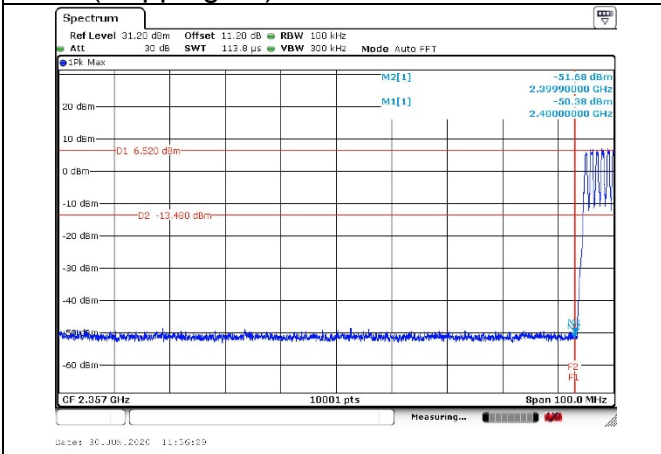
#### CH0 (Hopping off)



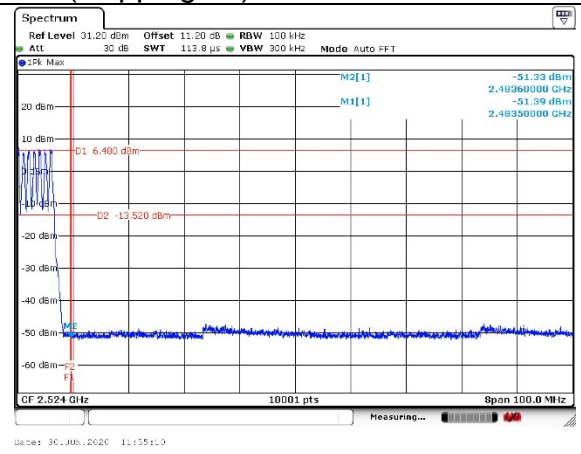
#### CH78 (Hopping off)



#### CH0 (Hopping on)

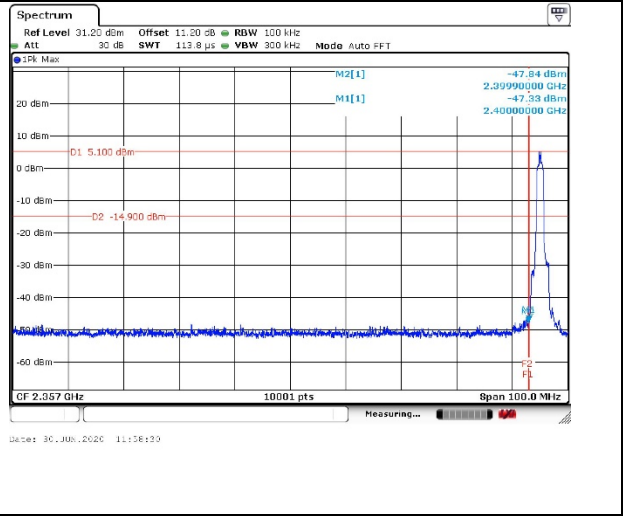
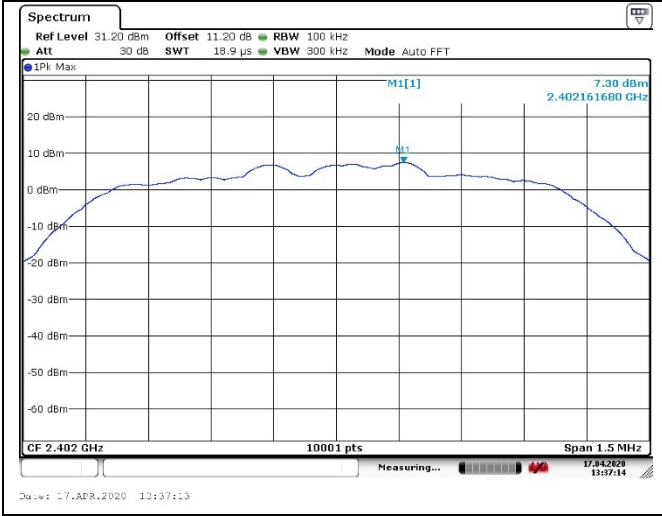


#### CH78 (Hopping on)

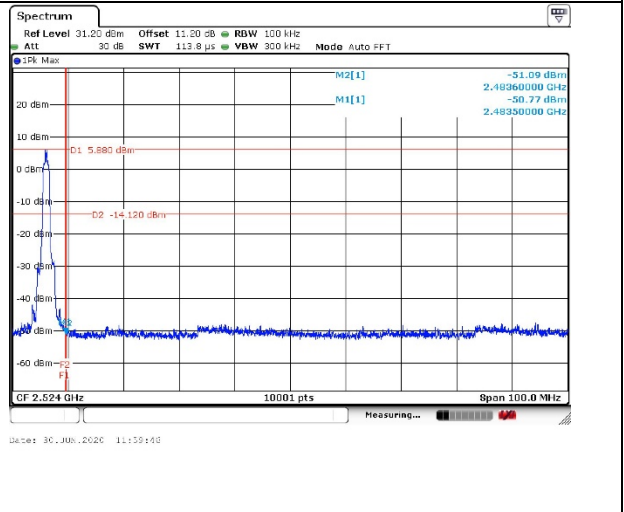
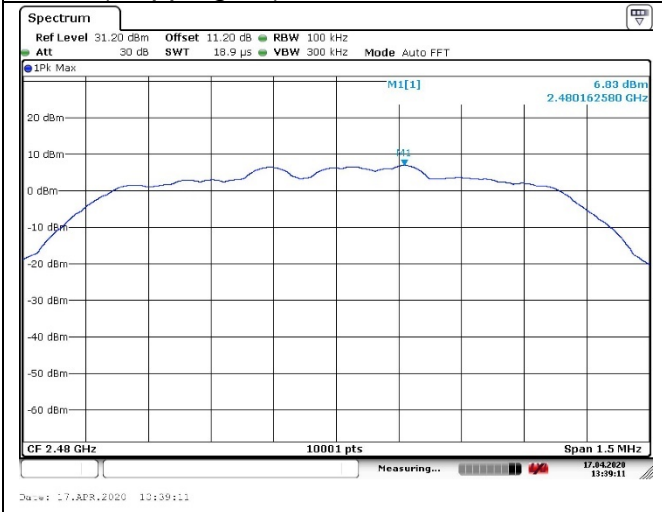


$\pi/4$ DQPSK

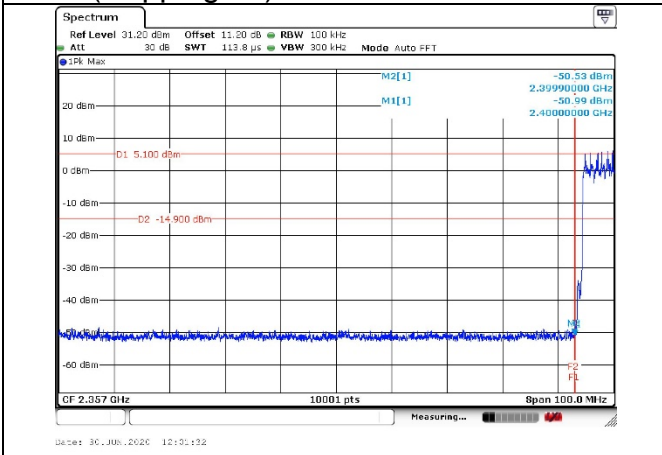
CH0 (Hopping off)



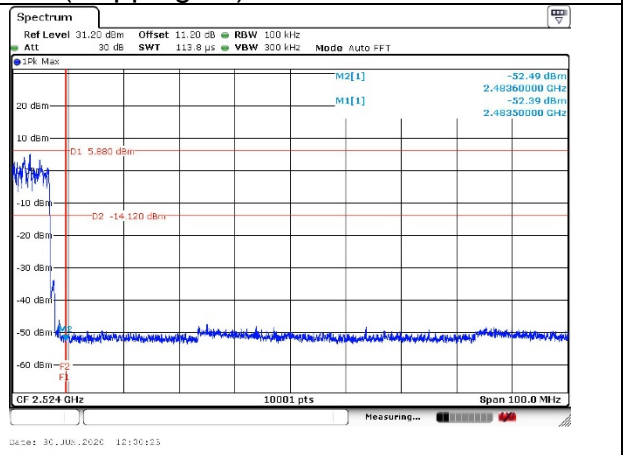
CH78(Hopping off)



CH0 (Hopping on)

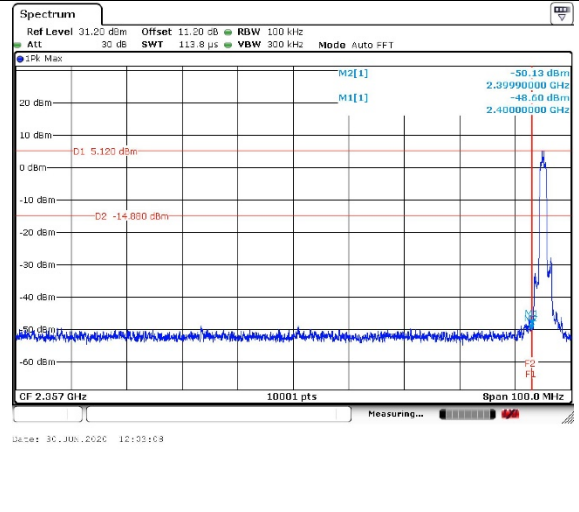
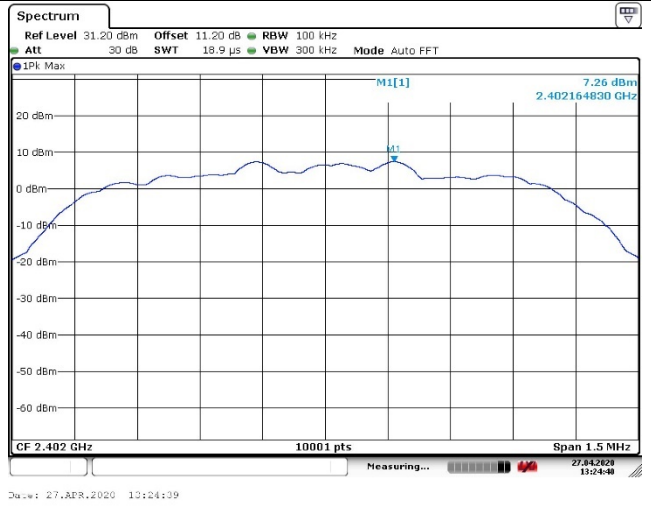


CH78 (Hopping on)

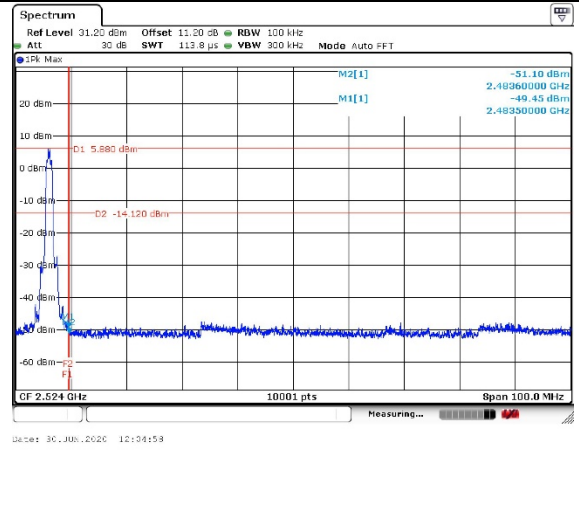
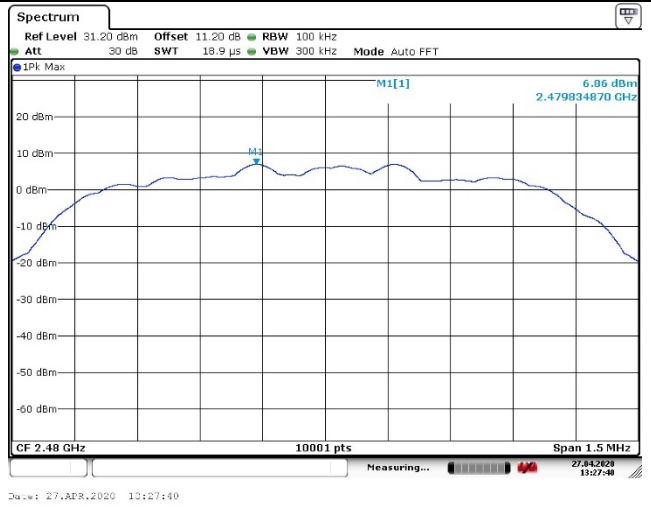


**8DPSK**

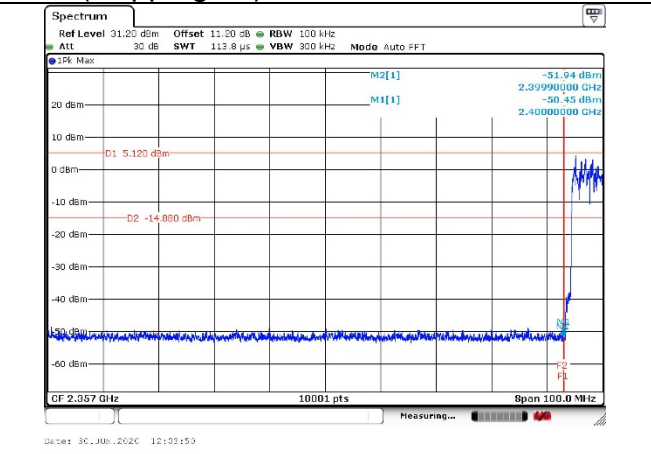
**CH0 (Hopping off)**



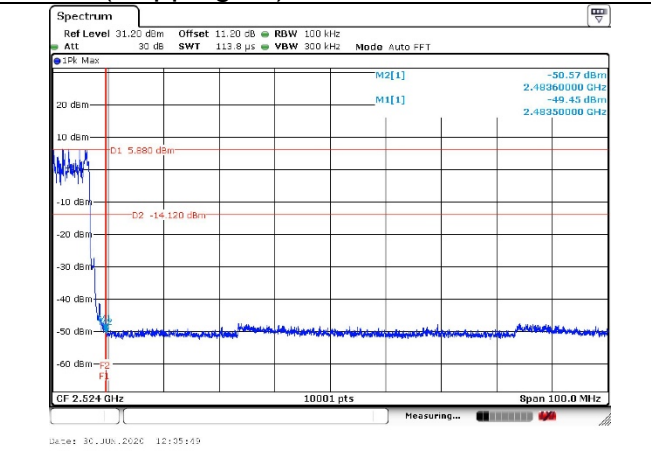
**CH78 (Hopping off)**



**CH0 (Hopping on)**



**CH78 (Hopping on)**



## **APPENDIX B – TEST DATA OF RADIATED EMISSION**

### **Radiated Emission Band Edge**

The worst case attitude: The mobile lay down.

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (89.41 dBuV/m) = (55.41 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	89.41	55.41	N/A	N/A	8.90	25.10
2	2390	34.41	0.41	-39.59	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	81.63	47.63	N/A	N/A	8.90	25.10
2	2390	30.97	-3.03	-43.03	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	74.31	40.31	N/A	N/A	8.90	25.10
2	2390	23.56	-10.44	-30.44	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	71.54	37.54	N/A	N/A	8.90	25.10
2	2390	22.68	-11.32	-31.32	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	89.21	55.21	N/A	N/A	8.90	25.10
2	2483.5	33.48	-0.52	-40.52	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	83.45	49.45	N/A	N/A	8.90	25.10
2	2483.5	31.82	-2.18	-42.18	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	74.45	40.45	N/A	N/A	8.90	25.10
2	2483.5	23.73	-10.27	-30.27	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	73.16	39.16	N/A	N/A	8.90	25.10
2	2483.5	23.21	-10.79	-30.79	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	90.35	56.35	N/A	N/A	8.90	25.10
2	2390	34.73	0.73	-39.27	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	83.17	49.17	N/A	N/A	8.90	25.10
2	2390	32.22	-1.78	-41.78	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	75.84	41.84	N/A	N/A	8.90	25.10
2	2390	24.05	-9.95	-29.95	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	72.23	38.23	N/A	N/A	8.90	25.10
2	2390	22.06	-11.94	-31.94	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	91.45	57.45	N/A	N/A	8.90	25.10
2	2483.5	38.35	4.35	-35.65	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	85.09	51.09	N/A	N/A	8.90	25.10
2	2483.5	32.72	-1.28	-41.28	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	75.12	41.12	N/A	N/A	8.90	25.10
2	2483.5	25.95	-8.05	-28.05	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	73.86	39.86	N/A	N/A	8.90	25.10
2	2483.5	24.45	-9.55	-29.55	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	91.17	57.17	N/A	N/A	8.90	25.10
2	2390	36.20	2.20	-37.80	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	83.68	49.68	N/A	N/A	8.90	25.10
2	2390	33.36	-0.64	-40.64	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	76.98	42.98	N/A	N/A	8.90	25.10
2	2390	25.73	-8.27	-28.27	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	74.89	40.89	N/A	N/A	8.90	25.10
2	2390	23.37	-10.63	-30.63	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	90.49	56.49	N/A	N/A	8.90	25.10
2	2483.5	35.18	1.18	-38.82	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	85.29	51.29	N/A	N/A	8.90	25.10
2	2483.5	33.00	-1.00	-41.00	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	77.54	43.54	N/A	N/A	8.90	25.10
2	2483.5	24.55	-9.45	-29.45	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	74.02	40.02	N/A	N/A	8.90	25.10
2	2483.5	24.05	-9.95	-29.95	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:

$$\text{Result} = P_{\text{mea}} + A_{Rpl}$$

Sample calculation: (16.93 dBuV/m) = (34.53 dBuV) + (-17.6 dB/m), the corresponding frequency is 53.571000MHz.

The worst case attitude: The mobile lay down.

For GFSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
53.571000	16.93	-17.6	34.53	Vertical	40.00
55.074500	19.24	-17.8	37.04	Vertical	40.00
74.426000	19.61	-22.7	42.31	Vertical	40.00
77.627000	21.24	-23.4	44.64	Vertical	40.00
126.757500	22.47	-21.1	43.57	Vertical	43.50
160.319500	21.34	-21.2	42.54	Vertical	43.50

For  $\pi/4$ DQPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
51.485500	18.52	-17.3	35.82	Vertical	40.00
77.966500	20.49	-23.5	43.99	Vertical	40.00
125.933000	23.59	-21.0	44.59	Vertical	43.50
127.242500	24.13	-21.1	45.23	Vertical	43.50
128.261000	23.25	-21.2	44.45	Vertical	43.50
128.503500	23.57	-21.2	44.77	Vertical	43.50

For 8DPSK  
Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
55.365500	20.04	-17.8	37.84	Vertical	40.00
75.153500	19.37	-22.8	42.17	Vertical	40.00
77.530000	20.64	-23.4	44.04	Vertical	40.00
126.709000	25.09	-21.1	46.19	Vertical	43.50
127.000000	23.24	-21.1	44.34	Vertical	43.50
127.291000	22.69	-21.1	43.79	Vertical	43.50

For GFSK  
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
53.571000	16.95	-17.6	34.55	Vertical	40.00
54.444000	18.02	-17.7	35.72	Vertical	40.00
77.239000	20.81	-23.3	44.11	Vertical	40.00
77.966500	20.24	-23.5	43.74	Vertical	40.00
78.451500	19.95	-23.6	43.55	Vertical	40.00
79.130500	19.02	-23.8	42.82	Vertical	40.00

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

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
42.416000	16.45	-17.9	34.35	Vertical	40.00
55.365500	20.60	-17.8	38.4	Vertical	40.00
61.767500	18.24	-19.0	37.24	Vertical	40.00
73.068000	17.93	-22.3	40.23	Vertical	40.00
77.530000	20.59	-23.4	43.99	Vertical	40.00
78.500000	19.67	-23.6	43.27	Vertical	40.00

For 8DPSK  
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
52.261500	17.63	-17.4	35.03	Vertical	40.00
55.850500	19.55	-17.9	37.45	Vertical	40.00
74.426000	20.03	-22.7	42.73	Vertical	40.00
75.541500	19.62	-22.9	42.52	Vertical	40.00
76.899500	20.33	-23.2	43.53	Vertical	40.00
77.384500	20.57	-23.3	43.87	Vertical	40.00

For GFSK  
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
42.949500	16.68	-17.8	34.48	Vertical	40.00
56.044500	19.86	-17.9	37.76	Vertical	40.00
78.257500	20.25	-23.6	43.85	Vertical	40.00
125.739000	22.21	-21.0	43.21	Vertical	43.50
126.175500	22.91	-21.0	43.91	Vertical	43.50
127.582000	23.05	-21.1	44.15	Vertical	43.50

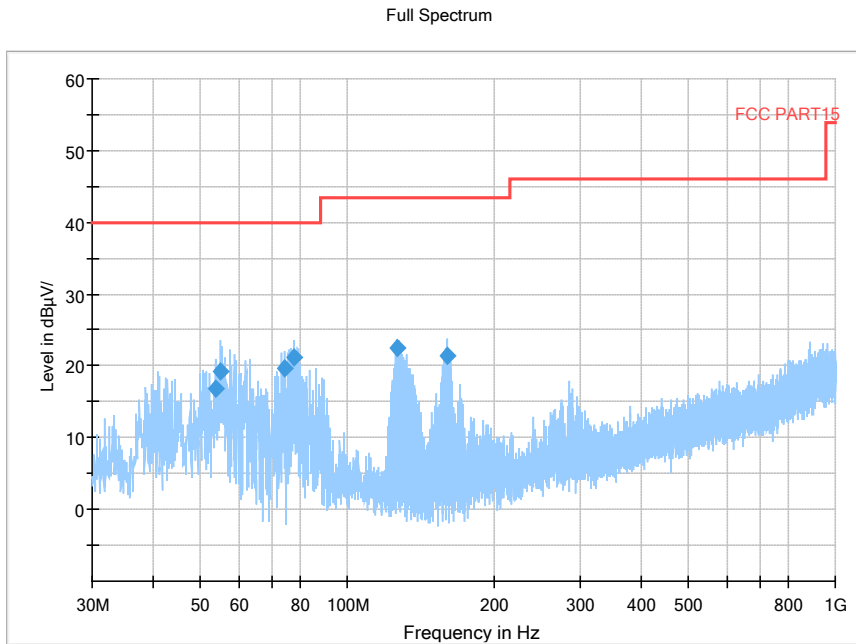
For  $\pi/4$ DQPSK  
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
56.093000	19.76	-17.9	37.66	Vertical	40.00
61.670500	17.29	-19.0	36.29	Vertical	40.00
74.717000	19.77	-22.7	42.47	Vertical	40.00
75.202000	19.48	-22.8	42.28	Vertical	40.00
75.832500	19.25	-23.0	42.25	Vertical	40.00
77.481500	20.43	-23.4	43.83	Vertical	40.00

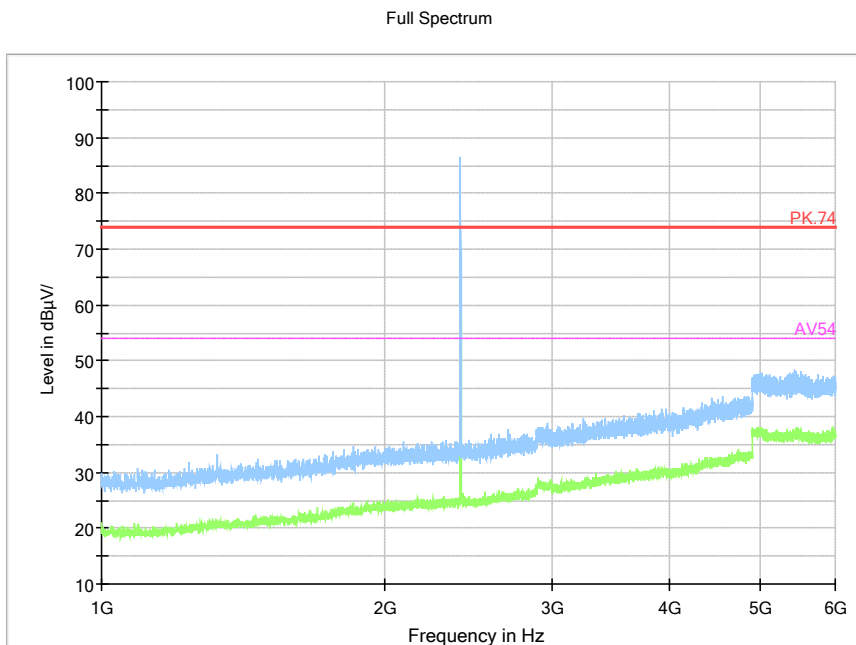
For 8DPSK  
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
57.887500	17.92	-18.1	36.02	Vertical	40.00
125.933000	22.52	-21.0	43.52	Vertical	43.50
126.175500	22.90	-21.0	43.9	Vertical	43.50
126.903000	23.02	-21.1	44.12	Vertical	43.50
127.242500	23.14	-21.1	44.24	Vertical	43.50
127.582000	23.65	-21.1	44.75	Vertical	43.50

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

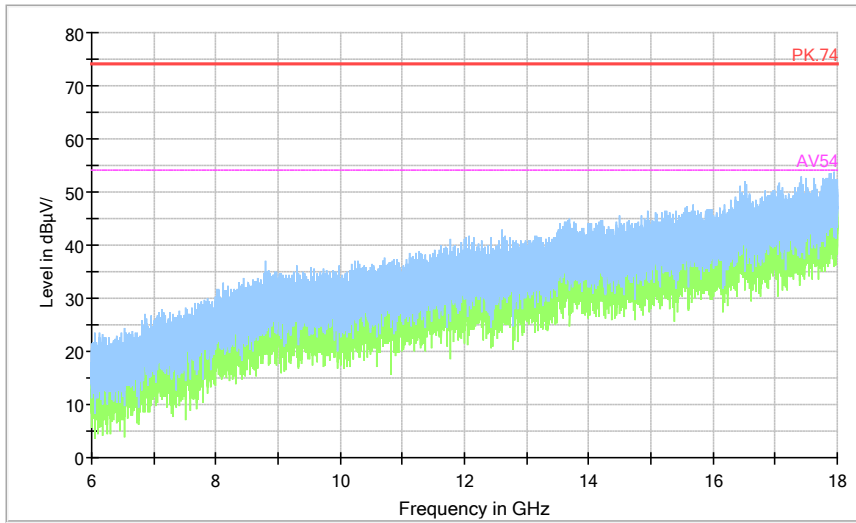


Frequency Range: 30MHz-1000MHz  
Detector: QP mode  
Modulation type: GFSK



Frequency Range: 1GHz-6GHz  
Detector: Av mode and PK mode  
Modulation type: GFSK

Full Spectrum

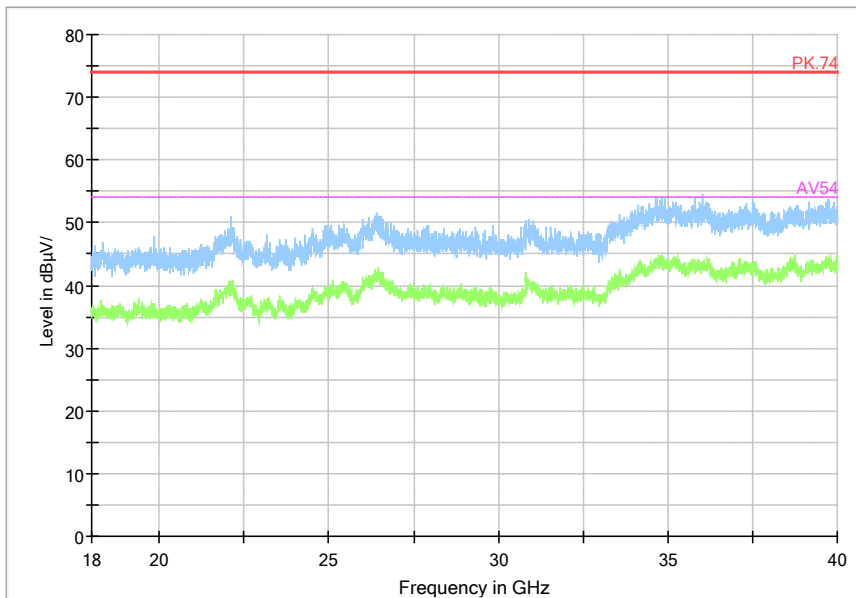


Preview Result 2-AVG    Preview Result 1-PK+    PK.74    AV54

Comment

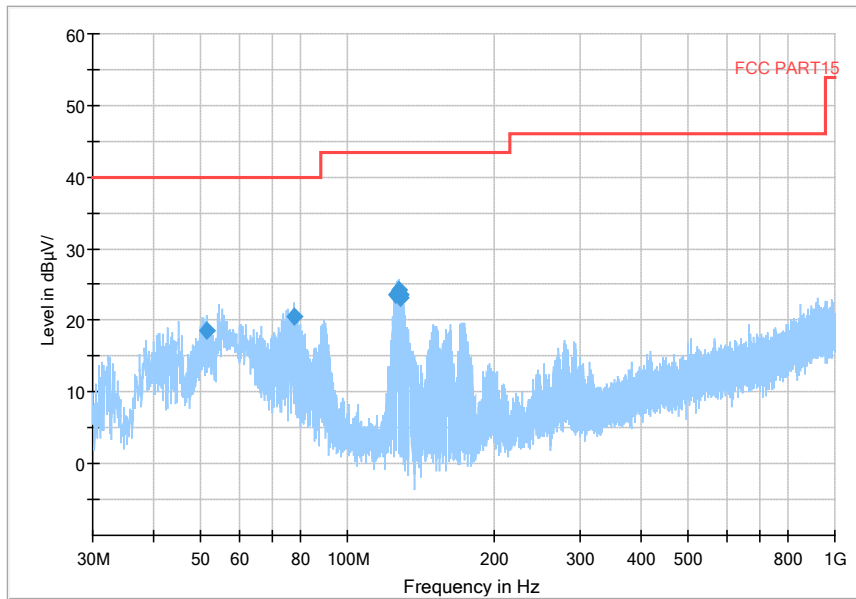
Frequency Range: 6GHz- 18GHz  
Detector: Av mode and PK mode  
Modulation type: GFSK

Full Spectrum



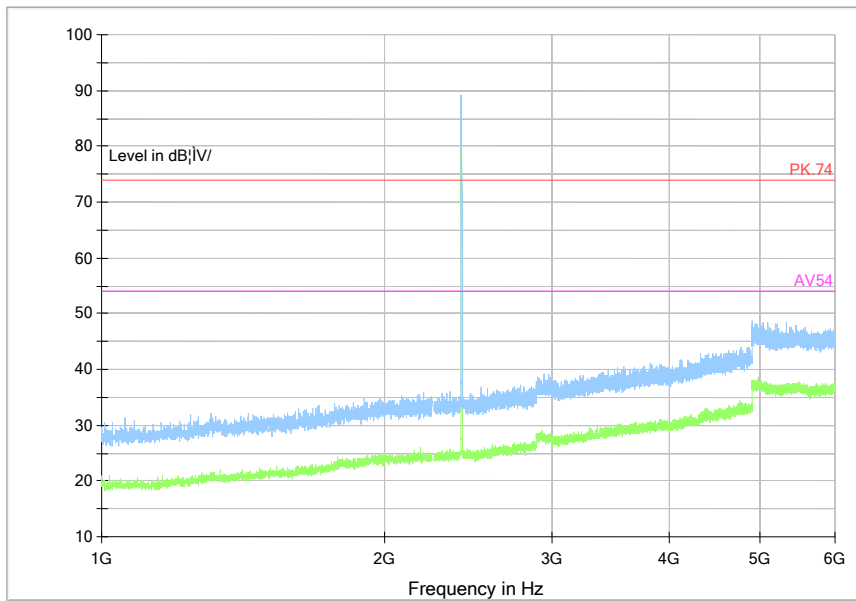
Frequency Range: 18GHz-40GHz  
Detector: Av mode and PK mode  
Modulation type: GFSK

Full Spectrum



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

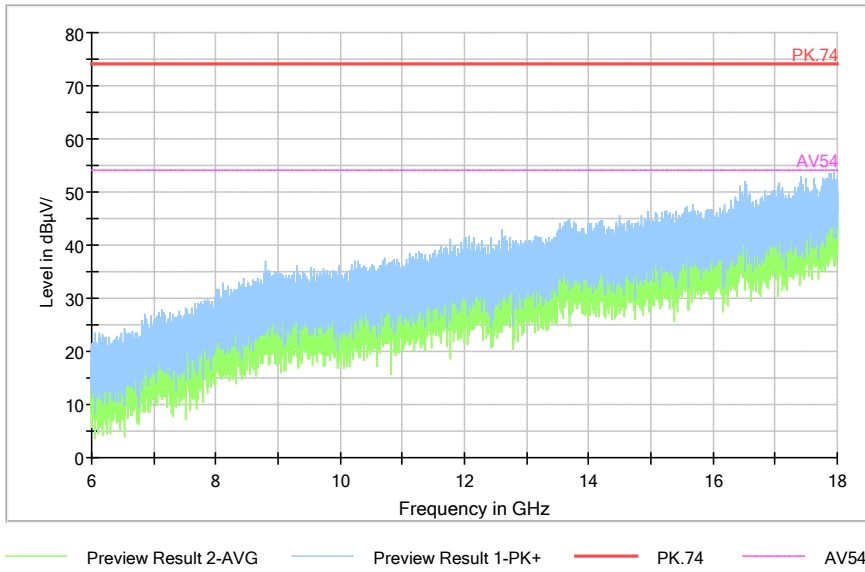
Full Spectrum



Frequency Range: 1GHz-6GHz  
Detector: Av mode and PK mode  
Modulation type:  $\pi/4$ DQPSK



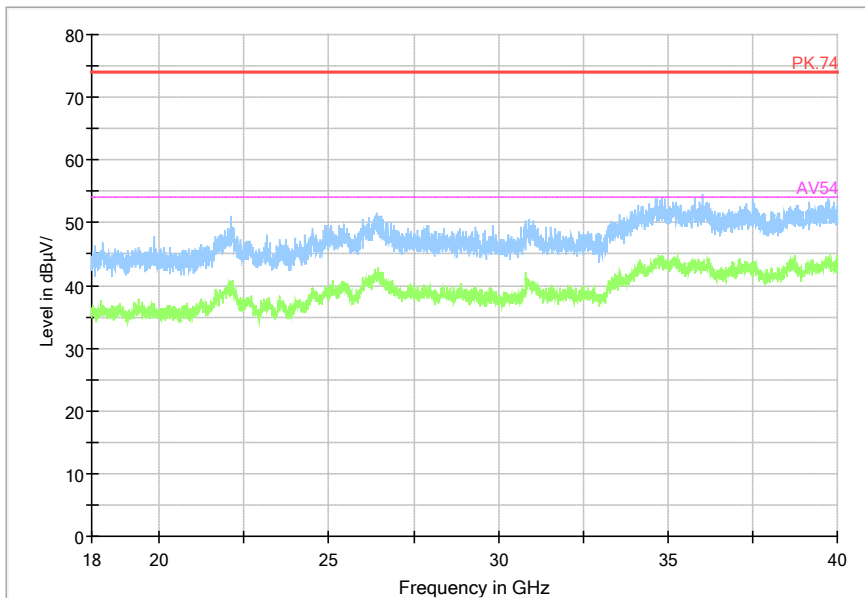
Full Spectrum



Comment

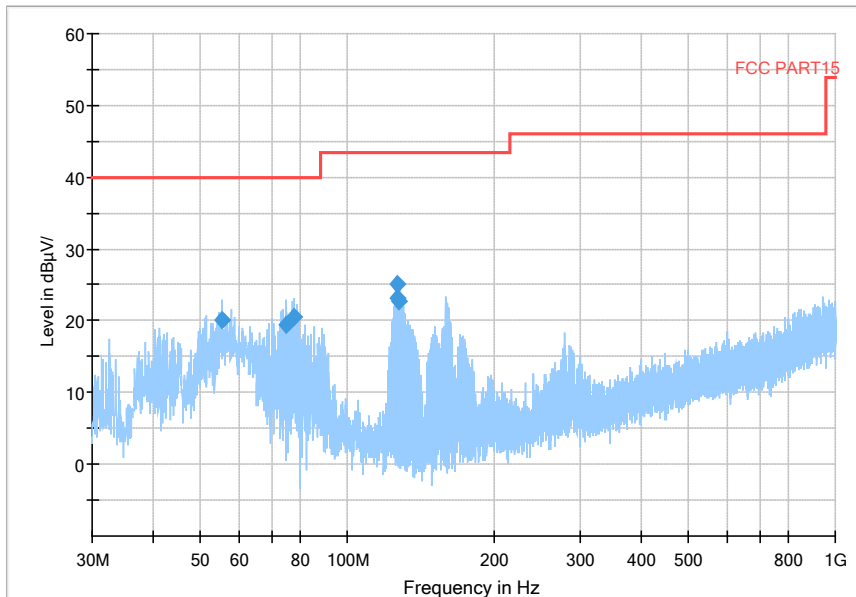
Frequency Range: 6GHz- 18GHz  
 Detector: Av mode and PK mode  
 Modulation type:  $\pi/4$ DQPSK

Full Spectrum



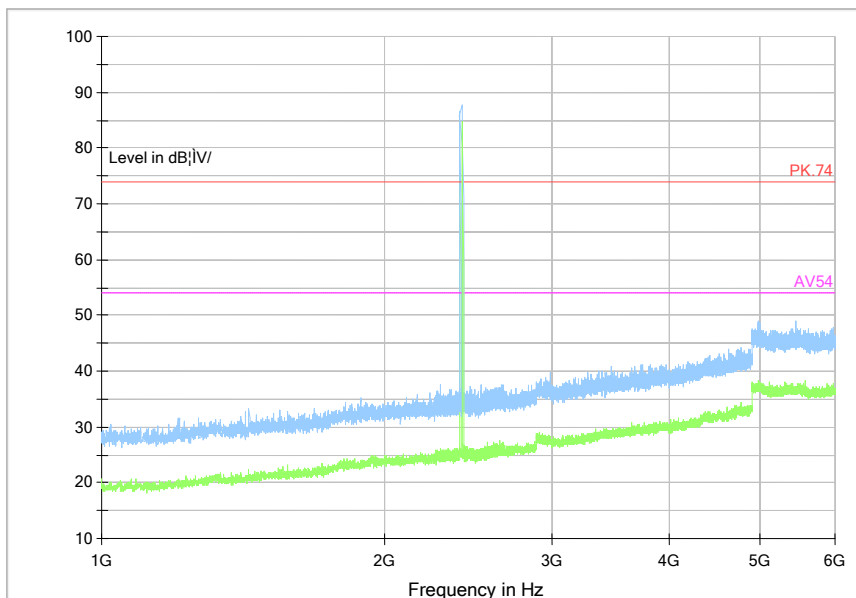
Frequency Range: 18GHz-40GHz  
 Detector: Av mode and PK mode  
 Modulation type:  $\pi/4$ DQPSK

Full Spectrum



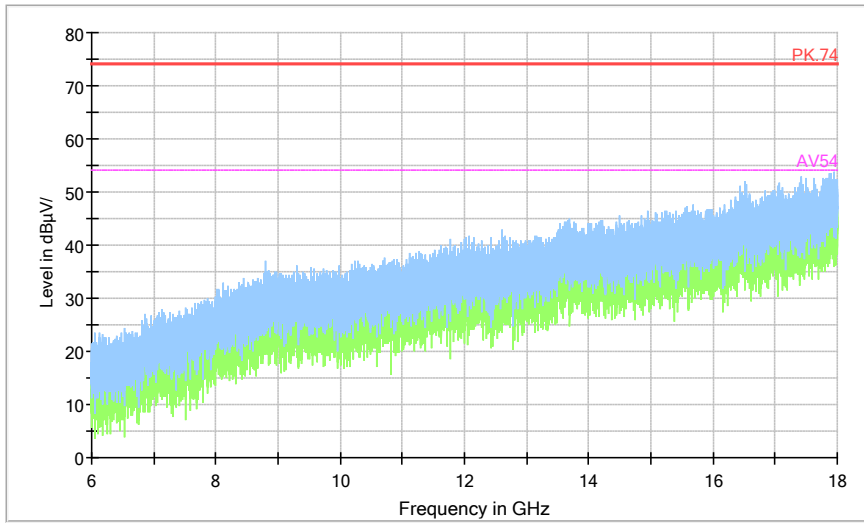
Frequency Range: 30MHz-1000 MHz  
Detector: QP mode  
Modulation type: 8DPSK

Full Spectrum



Frequency Range: 1GHz-6GHz  
Detector: Av mode and PK mode  
Modulation type: 8DPSK

Full Spectrum

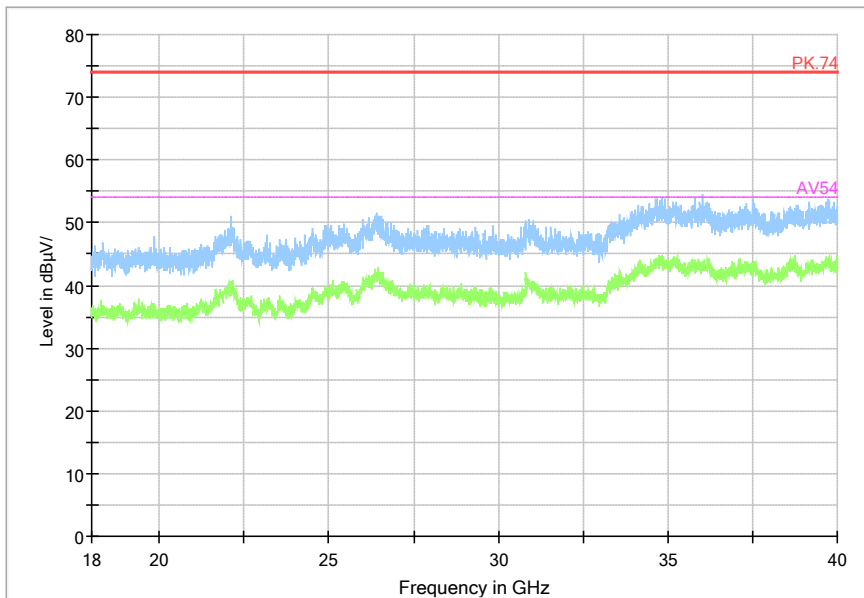


Preview Result 2-AVG    Preview Result 1-PK+    PK.74    AV54

Comment

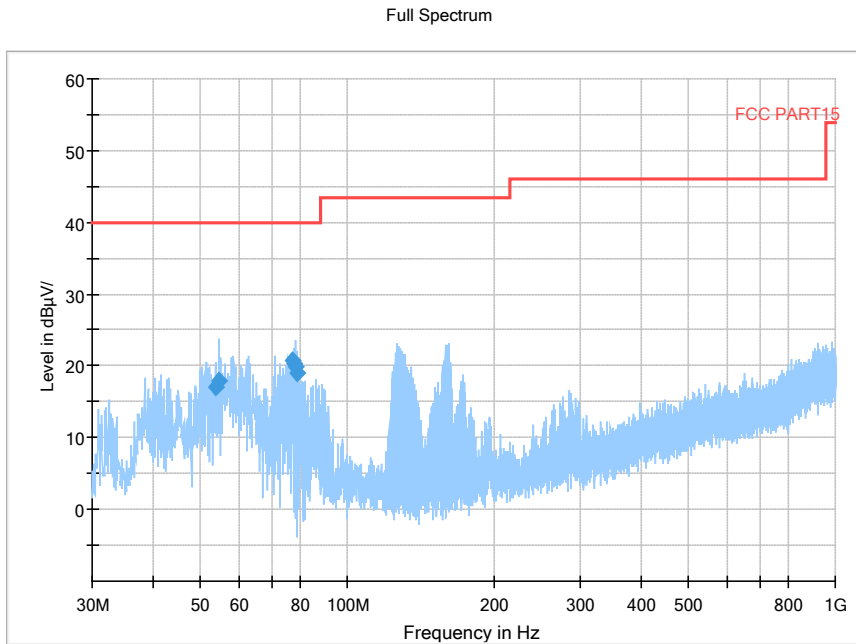
Frequency Range: 6GHz- 18GHz  
Detector: Av mode and PK mode  
Modulation type: 8DPSK

Full Spectrum

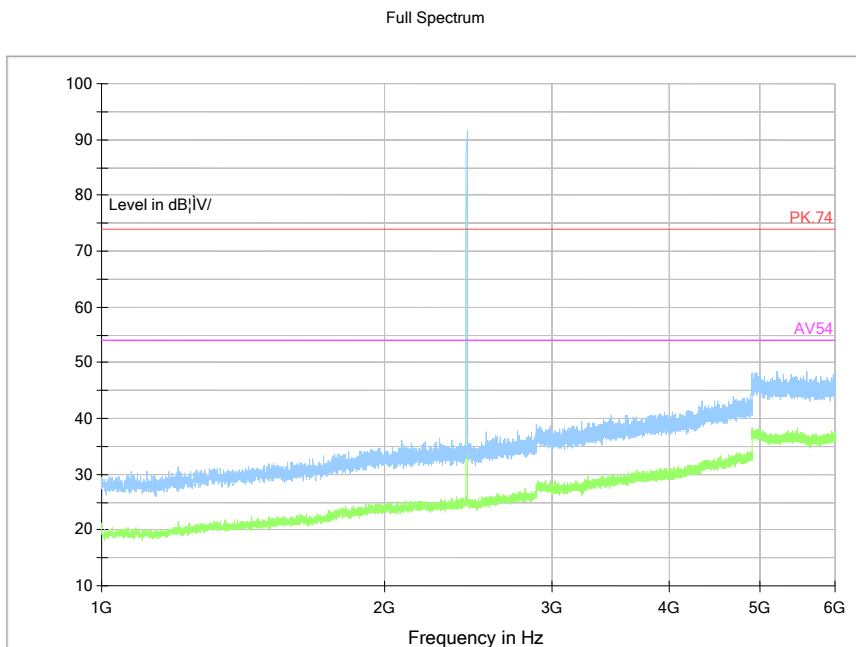


Frequency Range: 18GHz-40GHz  
Detector: Av mode and PK mode  
Modulation type: 8DPSK

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

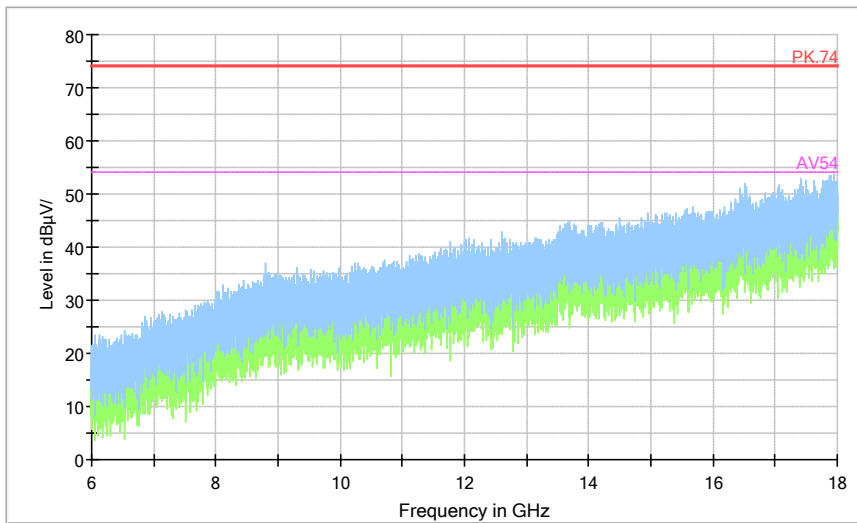


Frequency Range: 30MHz-1000MHz  
Detector: QP mode  
Modulation type: GFSK



Frequency Range: 1GHz-6GHz  
Detector: Av mode and PK mode  
Modulation type: GFSK

Full Spectrum

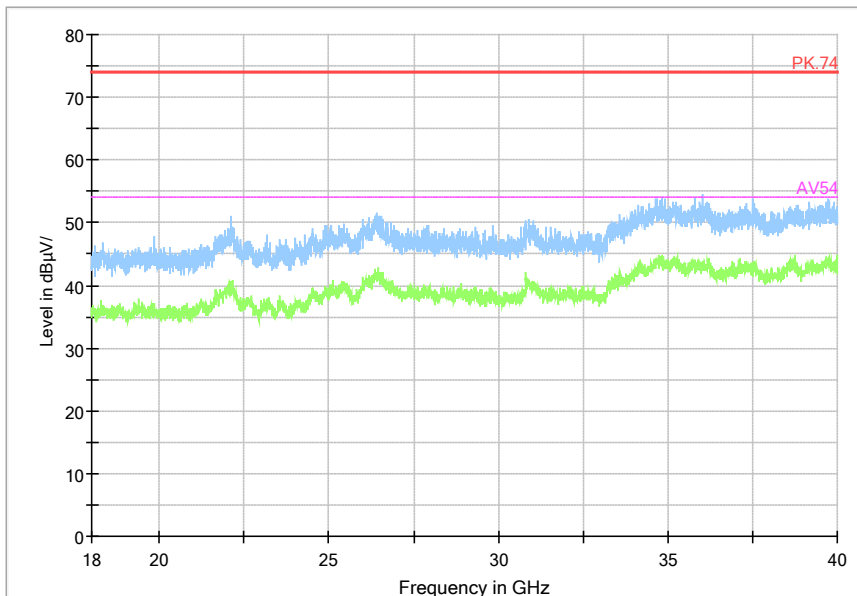


Preview Result 2-AVG    Preview Result 1-PK+    PK.74    AV54

Comment

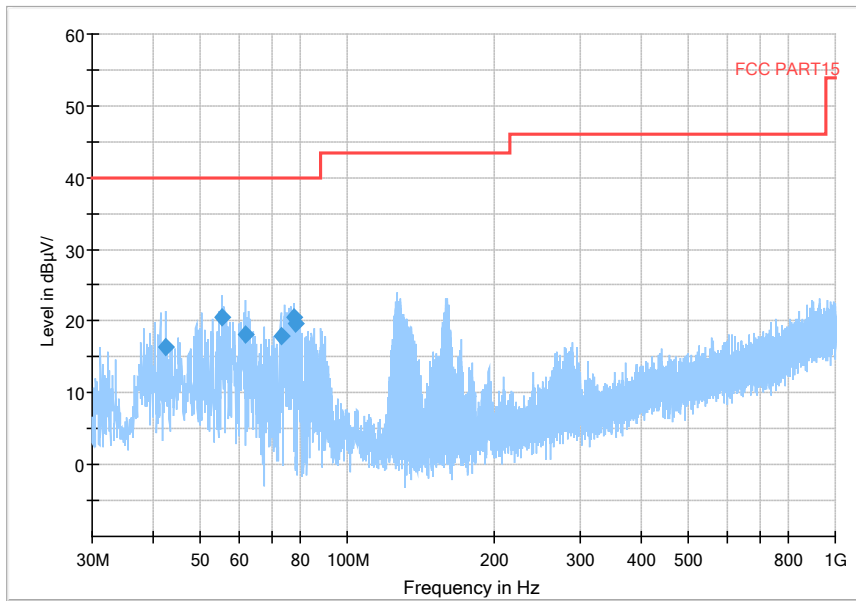
Frequency Range: 6GHz- 18GHz  
Detector: Av mode and PK mode  
Modulation type: GFSK

Full Spectrum



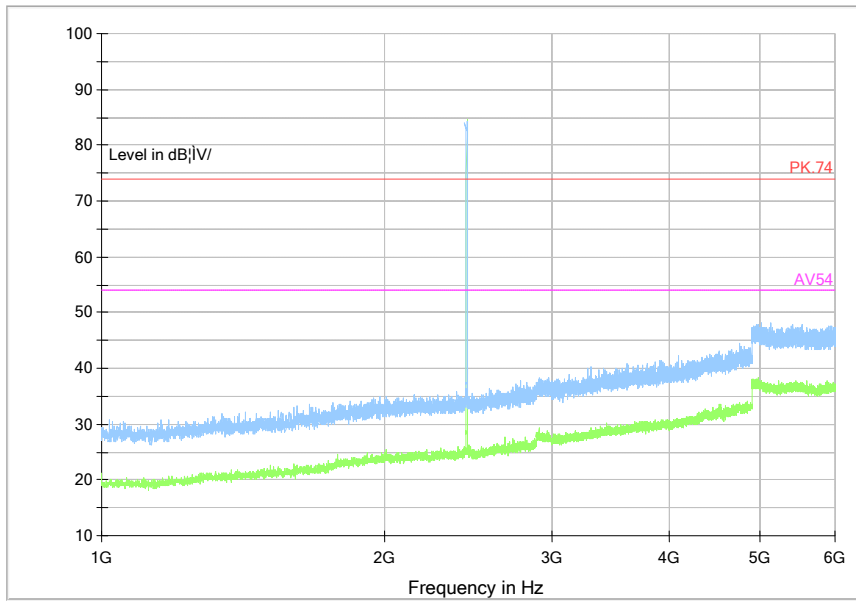
Frequency Range: 18GHz-40GHz  
Detector: Av mode and PK mode  
Modulation type: GFSK

Full Spectrum



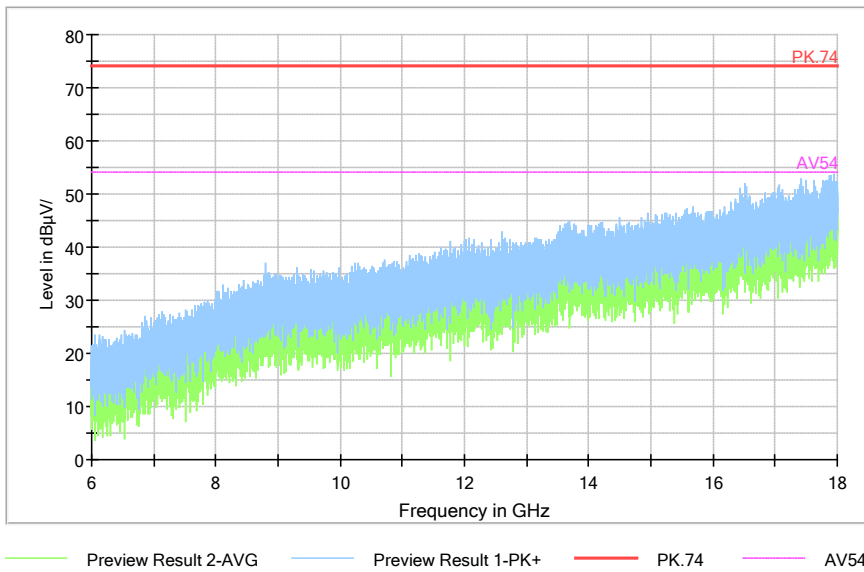
Frequency Range: 30MHz-1000 MHz  
Detector: QP mode  
Modulation type:  $\pi/4$ DQPSK

Full Spectrum



Frequency Range: 1GHz-6GHz  
Detector: Av mode and PK mode  
Modulation type:  $\pi/4$ DQPSK

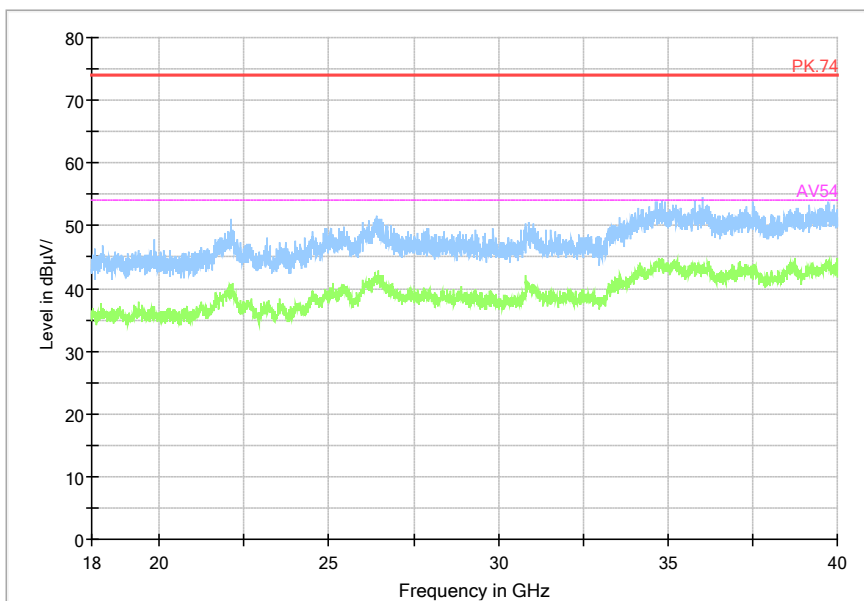
Full Spectrum



Comment

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

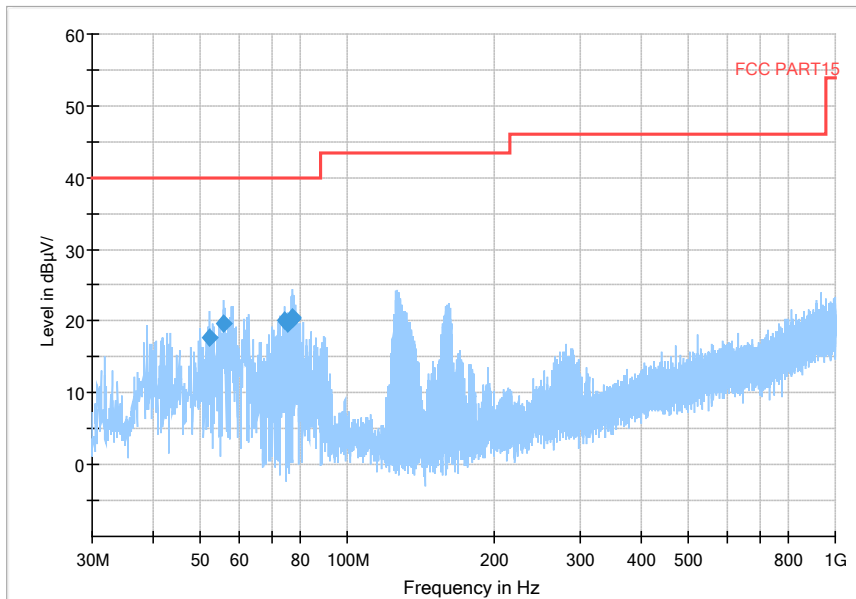
Full Spectrum



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

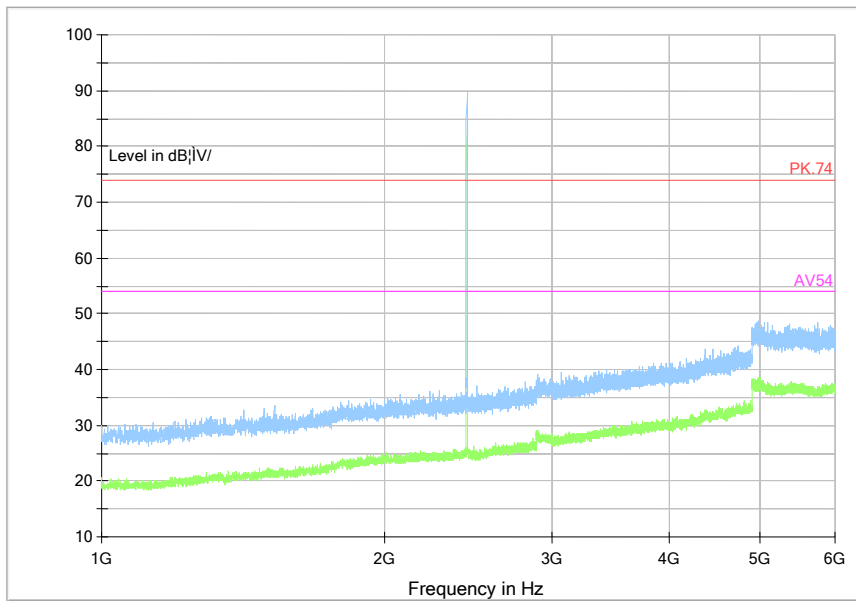


Full Spectrum



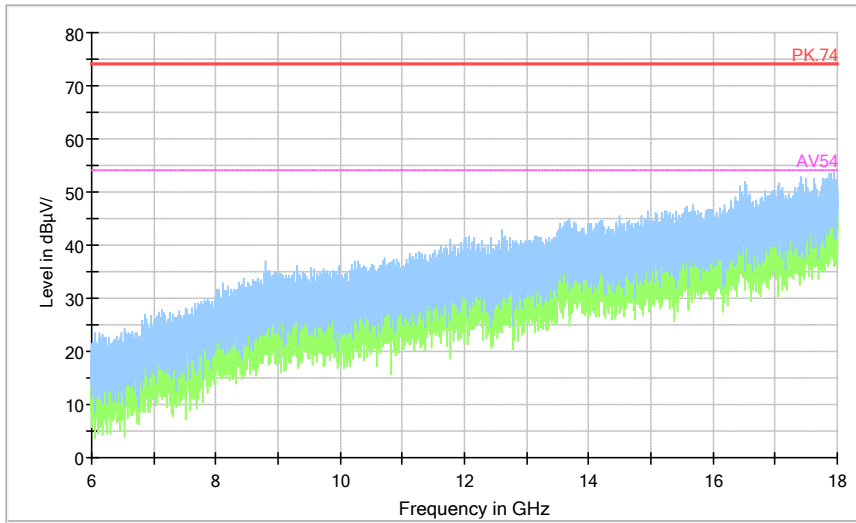
Frequency Range: 30MHz-1000 MHz  
 Detector: QP mode  
 Modulation type: 8DPSK

Full Spectrum



Frequency Range: 1GHz-6GHz  
 Detector: Av mode and PK mode  
 Modulation type: 8DPSK

Full Spectrum

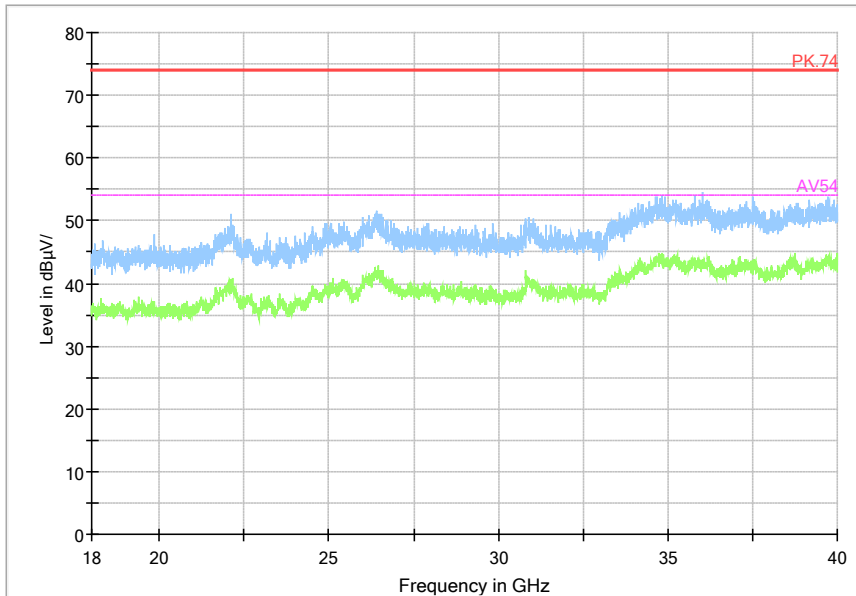


Preview Result 2-AVG    Preview Result 1-PK+    PK.74    AV54

Comment

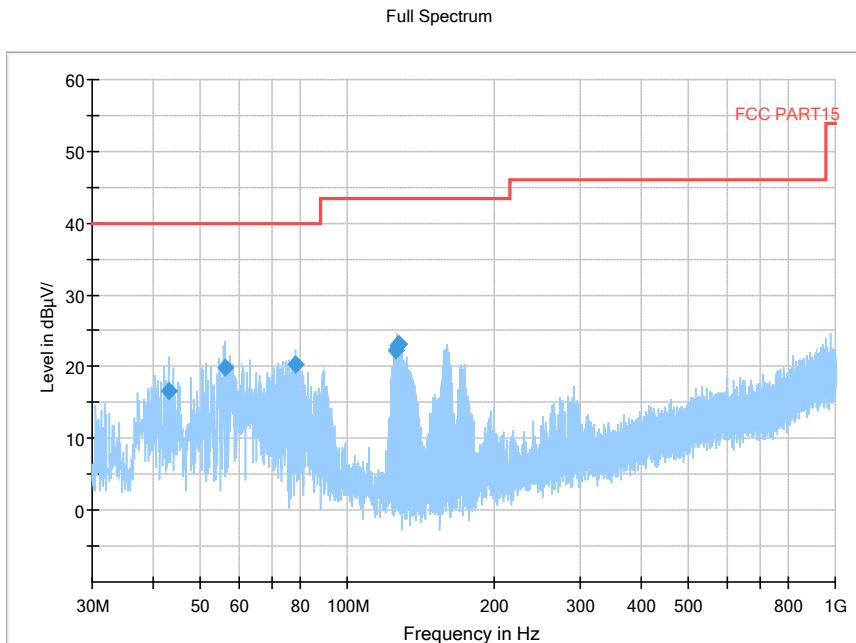
Frequency Range: 6GHz- 18GHz  
Detector: Av mode and PK mode  
Modulation type: 8DPSK

Full Spectrum

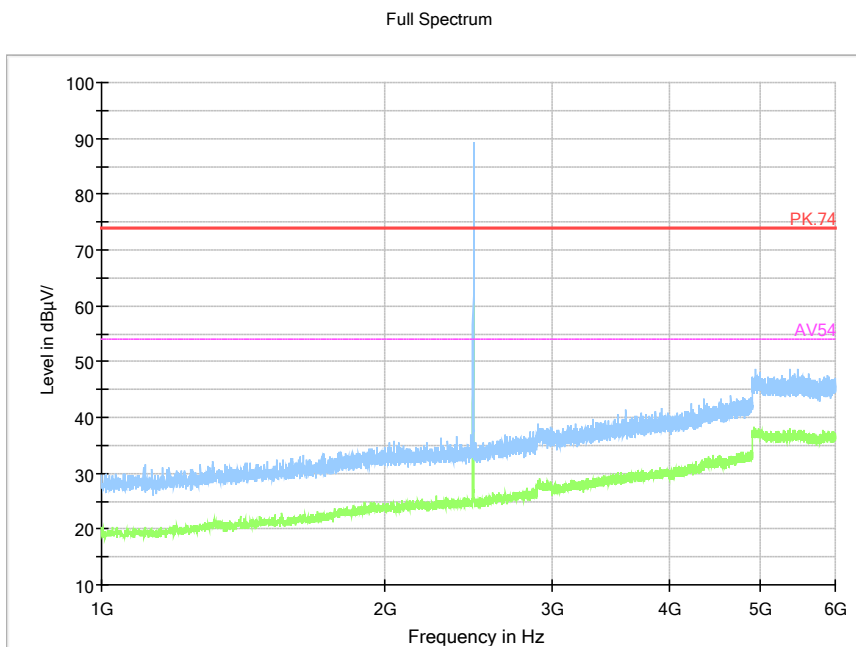


Frequency Range: 18GHz-40GHz  
Detector: Av mode and PK mode  
Modulation type: 8DPSK

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

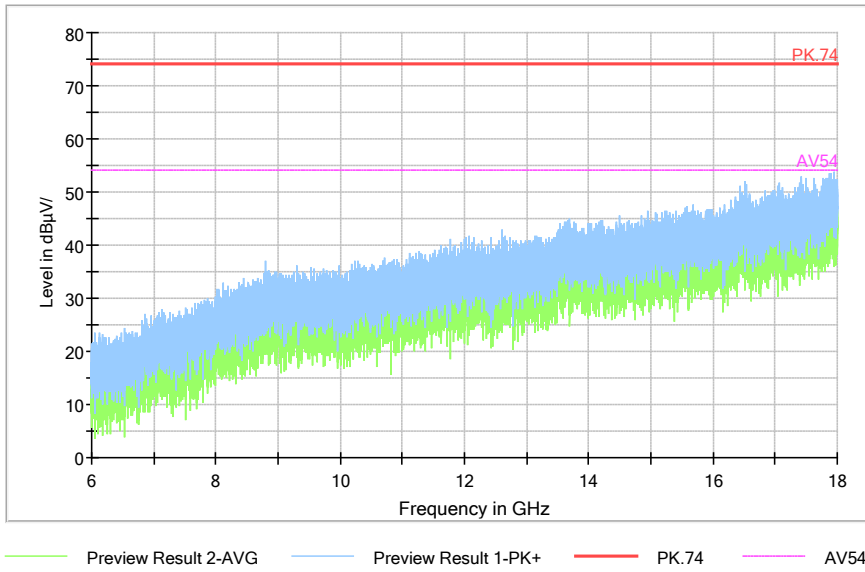


Frequency Range: 30MHz-1000MHz  
Detector: QP mode  
Modulation type: GFSK



Frequency Range: 1GHz-6GHz  
Detector: Av mode and PK mode  
Modulation type: GFSK

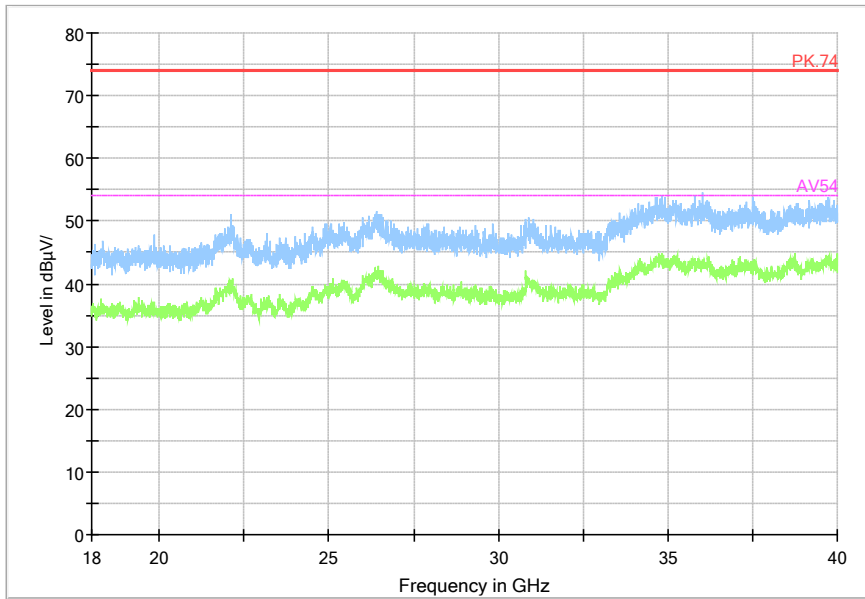
Full Spectrum



Comment

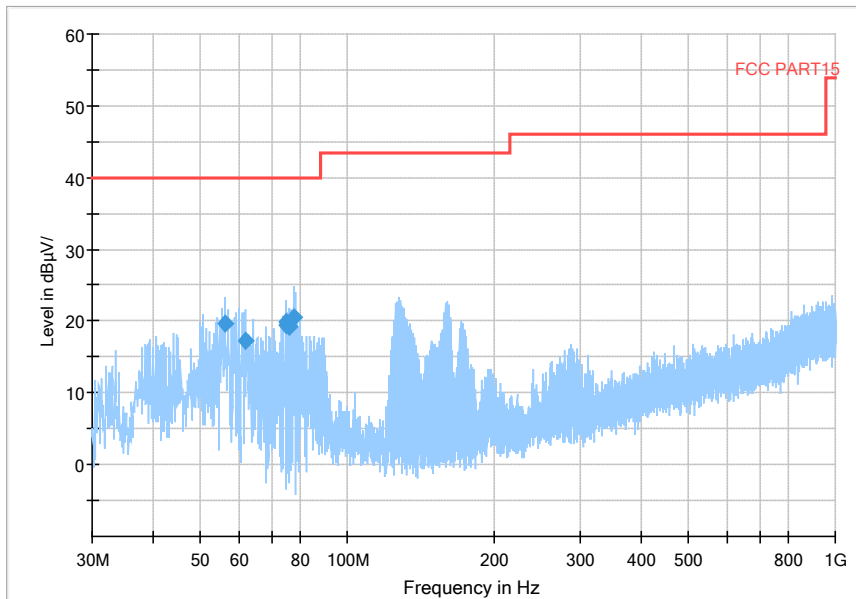
Frequency Range: 6GHz- 18GHz  
 Detector: Av mode and PK mode  
 Modulation type: GFSK

Full Spectrum



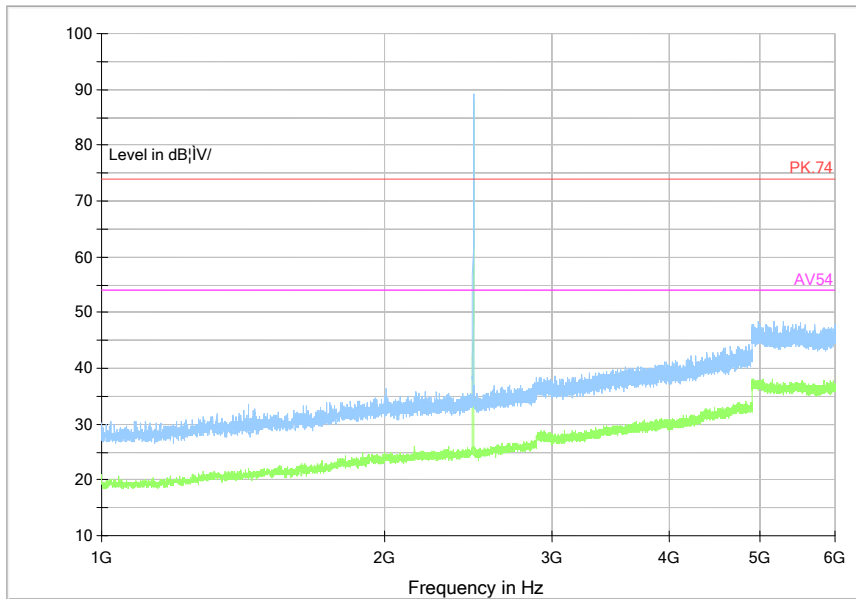
Frequency Range: 18GHz-40GHz  
 Detector: Av mode and PK mode  
 Modulation type: GFSK

Full Spectrum



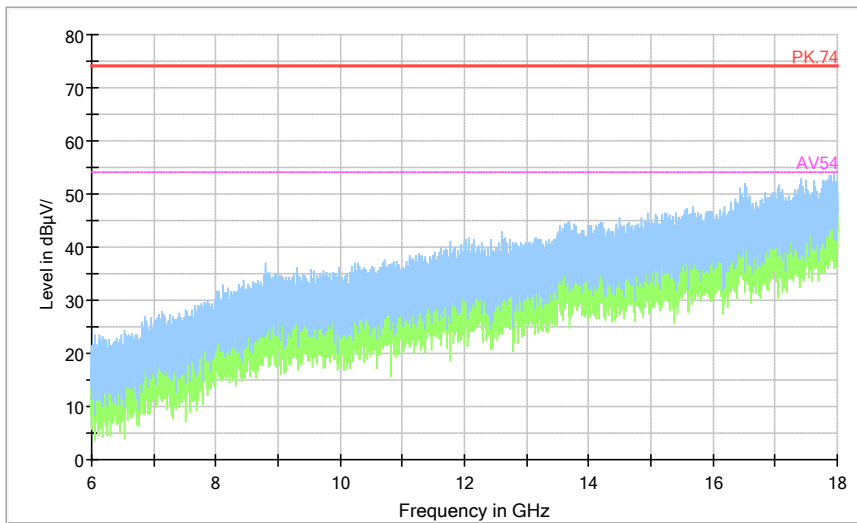
Frequency Range: 30MHz-1000 MHz  
Detector: QP mode  
Modulation type:  $\pi/4$ DQPSK

Full Spectrum



Frequency Range: 1GHz-6GHz  
Detector: Av mode and PK mode  
Modulation type:  $\pi/4$ DQPSK

Full Spectrum

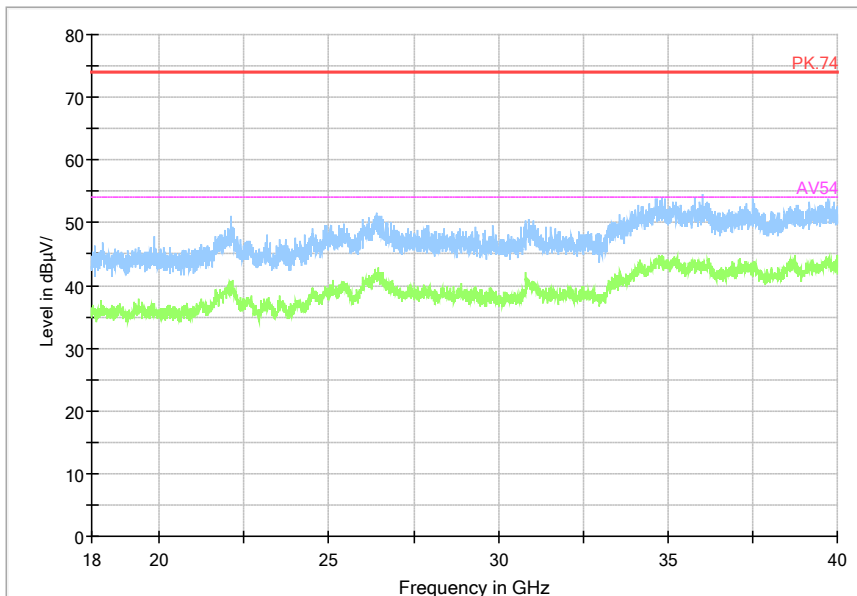


Preview Result 2-AVG    Preview Result 1-PK+    PK.74    AV54

Comment

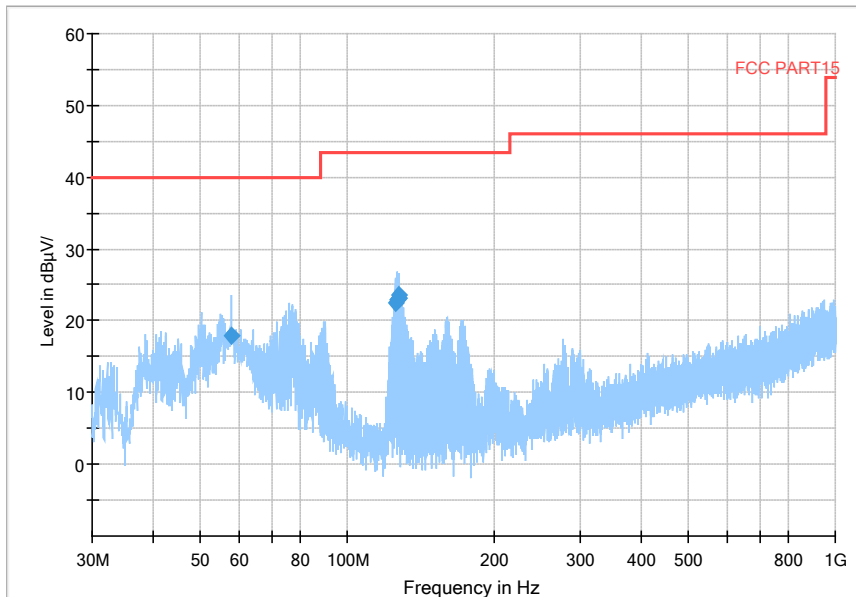
Frequency Range: 6GHz- 18GHz  
Detector: Av mode and PK mode  
Modulation type:  $\pi/4$ DQPSK

Full Spectrum



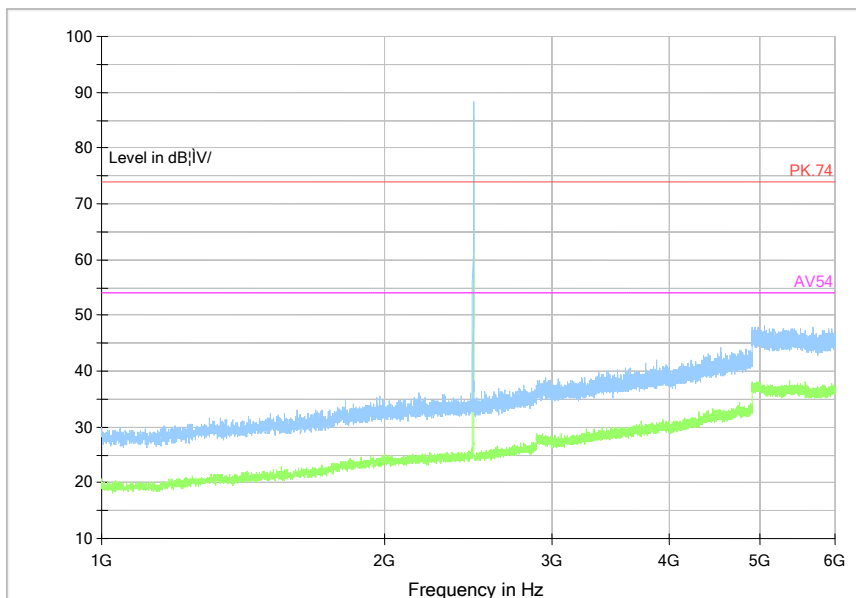
Frequency Range: 18GHz-40GHz  
Detector: Av mode and PK mode  
Modulation type:  $\pi/4$ DQPSK

Full Spectrum



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

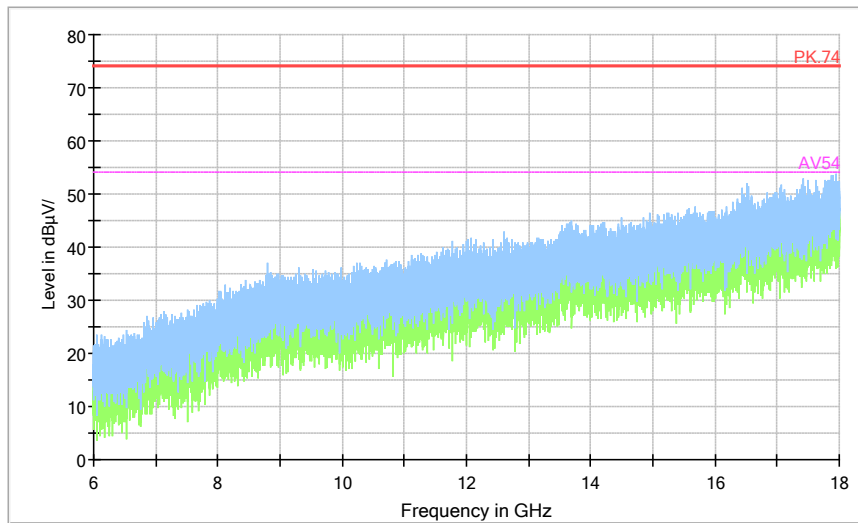
Full Spectrum



Frequency Range: 1GHz-6GHz  
Detector: Av mode and PK mode  
Modulation type: 8DPSK



Full Spectrum

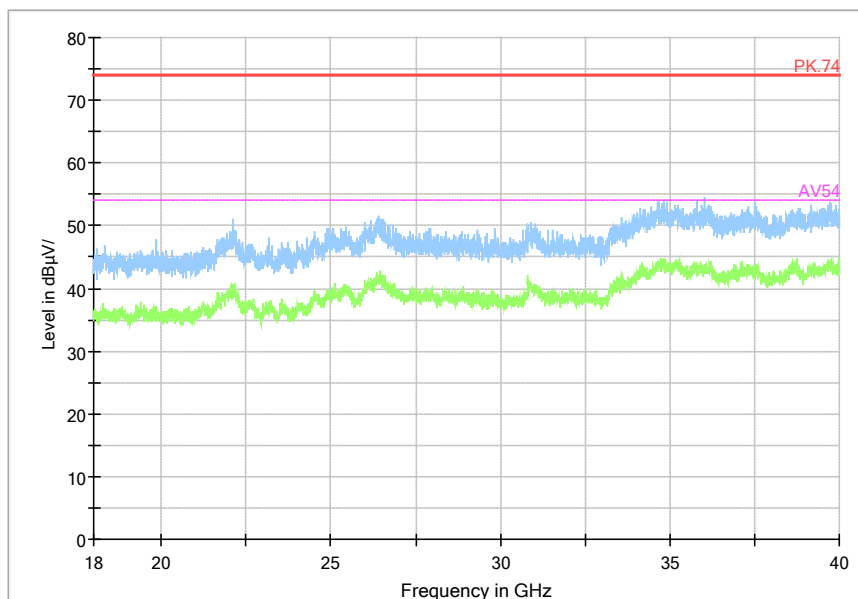


Preview Result 2-AVG    Preview Result 1-PK+    PK.74    AV54

Comment

Frequency Range: 6GHz- 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

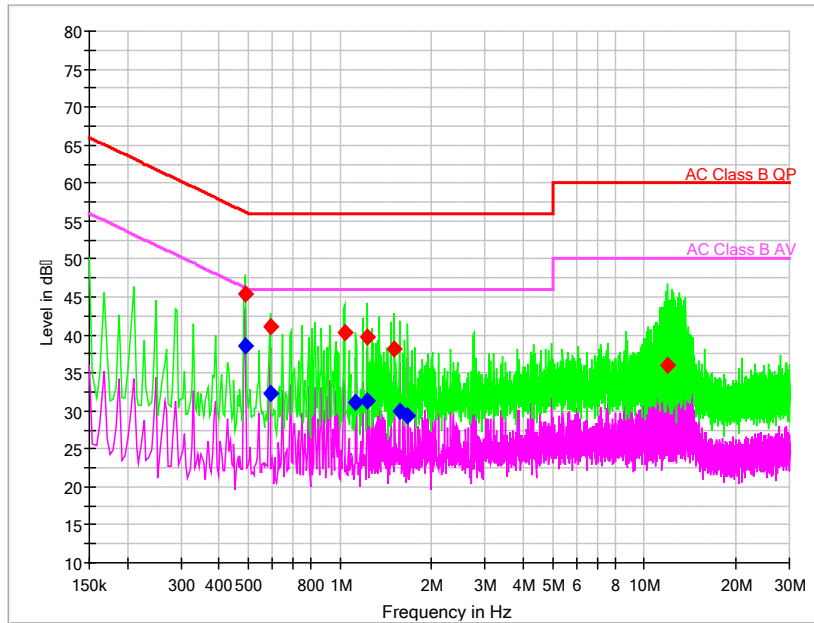
### AC Power line Conducted Emission

A “reference path loss” Corr.(dB) is established and the  $L_{cable}+ATT+VDF$  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:  $(38.55 \text{ dB}\mu\text{V}) = (8.85 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$ , the corresponding frequency is 0.486879MHz.



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)
0.486879	---	38.55	46.22	7.67	L	29.7	---	8.85
0.486879	45.35	---	56.22	10.87	L	29.7	15.65	---
0.589221	---	32.35	46.00	13.65	L	29.7	---	2.65
0.589221	41.00	---	56.00	15.00	L	29.7	11.3	---
1.032707	40.40	---	56.00	15.60	L	29.7	10.7	---
1.126521	---	31.07	46.00	14.93	L	29.7	---	1.37
1.228864	39.76	---	56.00	16.24	L	29.7	10.06	---
1.228864	---	31.41	46.00	14.59	N	29.7	---	1.71
1.510307	38.10	---	56.00	17.90	L	29.7	8.4	---
1.565743	---	29.99	46.00	16.01	N	29.8	---	0.19
1.668086	---	29.37	46.00	16.63	L	29.8	---	-0.43
11.957807	36.02	---	60.00	23.98	N	29.9	6.12	---

---End of Test Report---