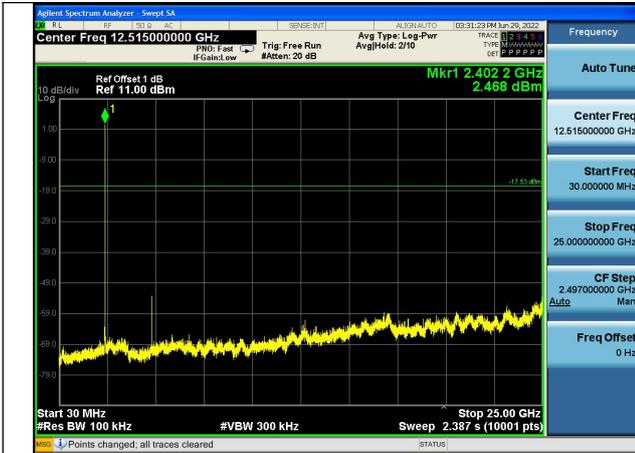




CH78(Hopping off)

Test Mode: 8DPSK



CH0(Hopping off)



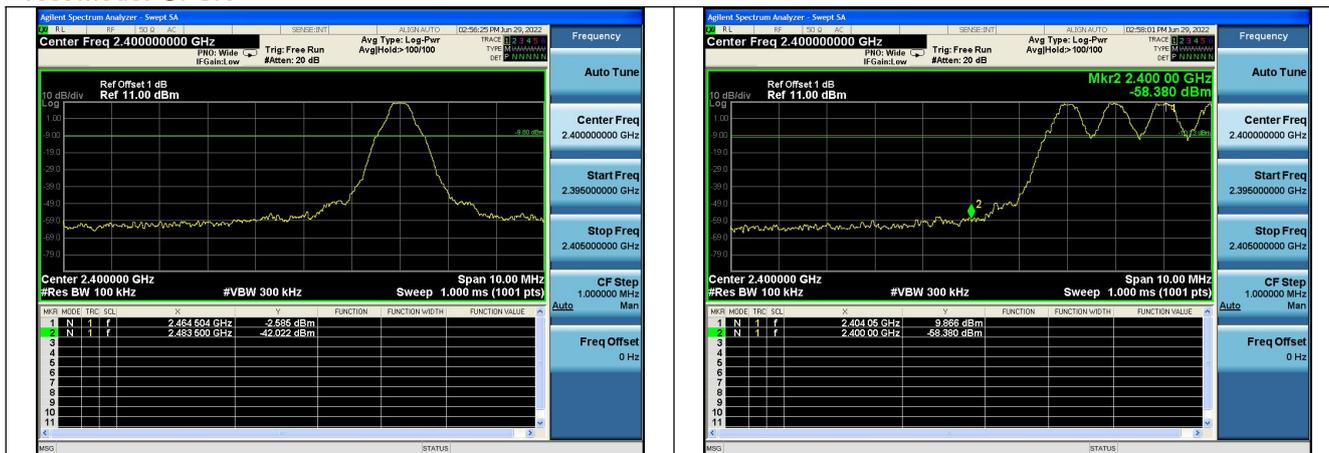
CH39(Hopping off)



CH78(Hopping off)

7 Band Edge measurement

Test Mode: GFSK



CH0(Hopping off)

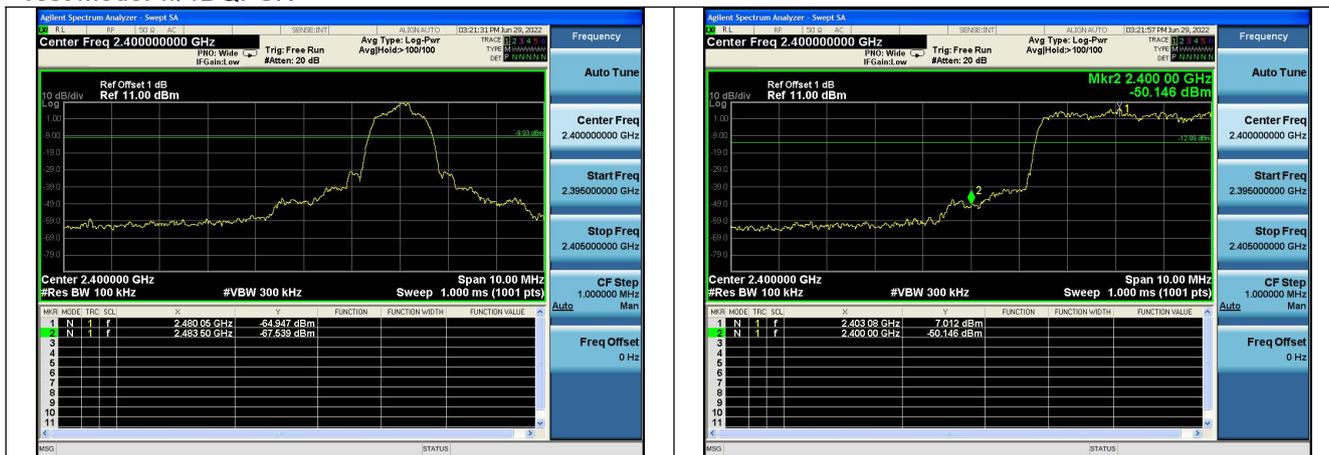
CH0(Hopping on)



CH78(Hopping off)

CH78(Hopping on)

Test Mode: $\pi/4$ DQPSK



CH0(Hopping off)

CH0(Hopping on)



CH78(Hopping off)



CH78(Hopping on)

Test Mode: 8DPSK



CH0(Hopping off)



CH0(Hopping on)



CH78(Hopping off)



CH78(Hopping on)

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emissions Band Edge-BT

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: (70.54 dBuV/m) = (36.54 dBμV) + (8.90 dB) + (25.10 dB), the corresponding frequency is 2402MHz.

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2402	70.54	36.54	N/A	N/A	8.90	25.10

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	89.04	55.04	N/A	N/A	8.90	25.10
2	2390	29.10	-4.90	-44.90	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	86.74	52.74	N/A	N/A	8.90	25.10
2	2390	28.65	-5.35	-45.35	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	88.38	54.38	N/A	N/A	8.90	25.10
2	2390	22.19	-11.81	-31.81	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	86.00	52.00	N/A	N/A	8.90	25.10
2	2390	22.99	-11.01	-31.01	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	89.88	55.88	N/A	N/A	8.90	25.10
2	2483.5	29.71	-4.29	-44.29	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	87.78	53.78	N/A	N/A	8.90	25.10
2	2483.5	29.77	-4.23	-44.23	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	87.94	53.94	N/A	N/A	8.90	25.10
2	2483.5	23.36	-10.64	-30.64	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	85.50	51.50	N/A	N/A	8.90	25.10
2	2483.5	24.00	-10.00	-30.00	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	89.20	55.20	N/A	N/A	8.90	25.10
2	2390	29.51	-4.49	-44.49	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	87.13	53.13	N/A	N/A	8.90	25.10
2	2390	30.26	-3.74	-43.74	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	87.44	53.44	N/A	N/A	8.90	25.10
2	2390	23.50	-10.50	-30.50	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	85.26	51.26	N/A	N/A	8.90	25.10
2	2390	24.27	-9.73	-29.73	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	89.29	55.29	N/A	N/A	8.90	25.10
2	2483.5	29.64	-4.36	-44.36	74.00	8.90	25.10

Carrier frequency (MHz): 2480

Channel No.:78

Test Mode: $\pi/4$ DQPSK

Polarity: Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2480	86.88	52.88	N/A	N/A	8.90	25.10
2	2483.5	28.85	-5.15	-45.15	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	87.75	53.75	N/A	N/A	8.90	25.10
2	2483.5	22.78	-11.22	-31.22	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	85.64	51.64	N/A	N/A	8.90	25.10
2	2483.5	22.99	-11.01	-31.01	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	89.89	55.89	N/A	N/A	8.90	25.10
2	2390	30.80	-3.20	-43.20	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	87.23	53.23	N/A	N/A	8.90	25.10
2	2390	30.83	-3.17	-43.17	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	88.36	54.36	N/A	N/A	8.90	25.10
2	2390	23.39	-10.61	-30.61	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)
1	2402	85.55	51.55	N/A	N/A	8.90	25.10
2	2390	24.08	-9.92	-29.92	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)
1	2480	89.55	55.55	N/A	N/A	8.90	25.10
2	2483.5	29.77	-4.23	-44.23	74.00	8.90	25.10

Carrier frequency (MHz): 2480

Channel No.:78

Test Mode: 8DPSK

Polarity: Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	2480	87.52	53.52	N/A	N/A	8.90	25.10
2	2483.5	28.79	-5.21	-45.21	74.00	8.90	25.10

Carrier frequency (MHz): 2480

Channel No.:78

Test Mode: 8DPSK

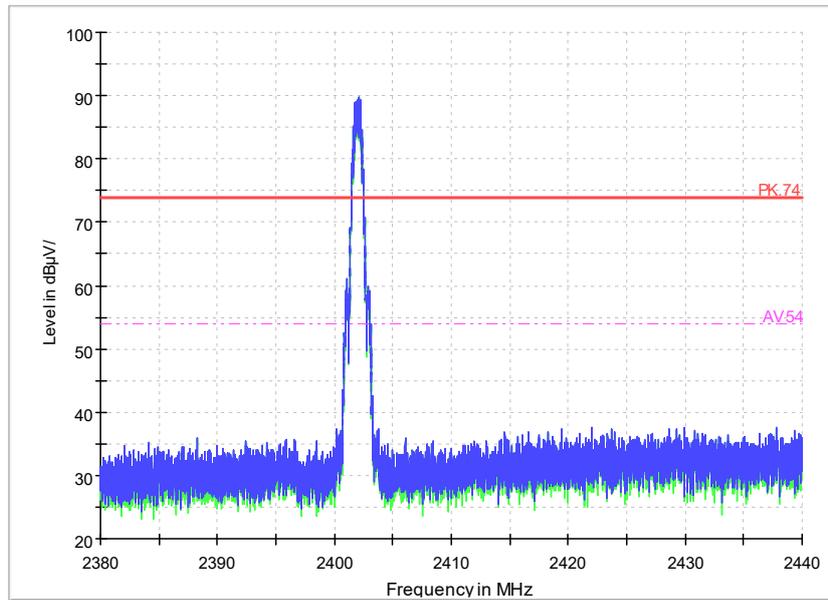
Polarity: Vertical

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	87.58	53.58	N/A	N/A	8.90	25.10
2	2483.5	22.09	-11.91	-31.91	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	85.46	51.46	N/A	N/A	8.90	25.10
2	2483.5	21.62	-12.38	-32.38	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: $(8.05 \text{ dB}\mu\text{V/m}) = (28.35 \text{ dB}\mu\text{V}) + (-20.3 \text{ dB/m})$, the corresponding frequency is 33.686MHz.

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
33.686	8.05	-20.3	28.35	Vertical	40

For GFSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
33.686	8.05	-20.3	28.35	Vertical	40
52.8435	18.95	-17.9	36.85	Vertical	40
66.6175	22.46	-21	43.46	Vertical	40
72.389	21.68	-22.7	44.38	Vertical	40
292.773	17.4	-16.3	33.7	Vertical	46
919.2475	18.76	-3	21.76	Vertical	46

For $\pi/4$ DQPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
53.3285	19.01	-18	37.01	Vertical	40
70.2065	23.11	-22.2	45.31	Vertical	40
72.195	22.17	-22.6	44.77	Vertical	40
280.454	16.36	-16.6	32.96	Vertical	46
721.707	14.82	-6.4	21.22	Vertical	46
880.884	17.8	-3.6	21.4	Vertical	46

For 8DPSK

Channel No.:0

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
53.765	19.16	-18	37.16	Vertical	40
70.1095	23.26	-22.1	45.36	Vertical	40
72.195	22.16	-22.6	44.76	Vertical	40
283.2185	16.59	-16.5	33.09	Vertical	46
736.063	15.21	-5.9	21.11	Vertical	46
951.0635	19.04	-2.7	21.74	Vertical	46

For GFSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
39.215	9.4	-18.7	28.1	Vertical	40
53.8135	19.25	-18	37.25	Vertical	40
69.6245	23	-22	45	Vertical	40
72.1465	22.87	-22.6	45.47	Vertical	40
282.4425	16.75	-16.5	33.25	Vertical	46
890.6325	18.04	-3.5	21.54	Vertical	46

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

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
53.28	18.88	-18	36.88	Vertical	40
70.255	23.24	-22.2	45.44	Vertical	40
72.486	21.9	-22.7	44.6	Vertical	40
286.662	17.02	-16.4	33.42	Vertical	46
703.083	14.38	-7.1	21.48	Vertical	46
954.604	19.05	-2.7	21.75	Vertical	46

For 8DPSK
Channel No.:39

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.0485	9.75	-21.3	31.05	Vertical	40
51.8735	17.62	-17.8	35.42	Vertical	40
70.74	23.13	-22.3	45.43	Vertical	40
72.292	22.2	-22.6	44.8	Vertical	40
285.401	16.97	-16.4	33.37	Vertical	46
946.3105	19.14	-2.8	21.94	Vertical	46

For GFSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
53.28	19.08	-18	37.08	Vertical	40
71.516	23.31	-22.5	45.81	Vertical	40
72.292	21.97	-22.6	44.57	Vertical	40
291.512	16.97	-16.3	33.27	Vertical	46
727.624	14.91	-6.2	21.11	Vertical	46
925.989	19.07	-2.9	21.97	Vertical	46

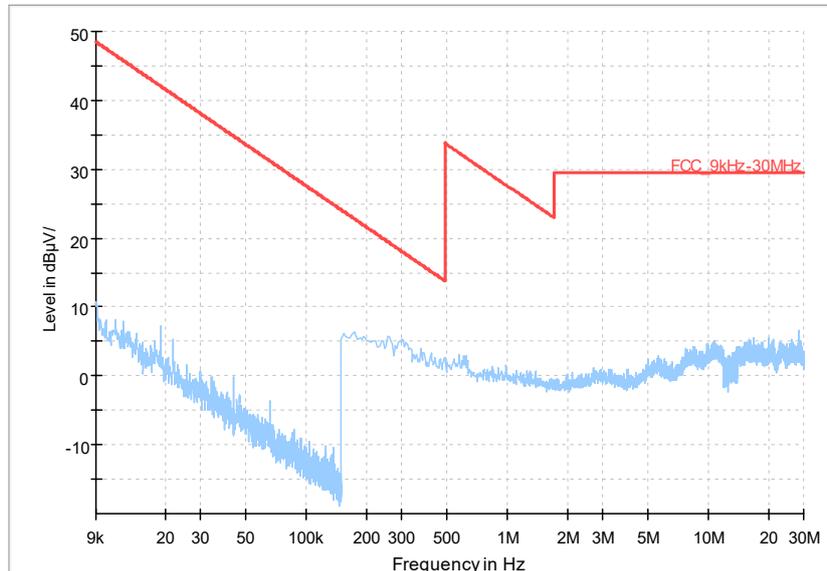
For $\pi/4$ DQPSK
Channel No.:78

Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
53.765	18.96	-18	36.96	Vertical	40
70.3035	22.98	-22.2	45.18	Vertical	40
72.389	21.92	-22.7	44.62	Vertical	40
287.9715	17.25	-16.4	33.65	Vertical	46
707.0115	14.39	-6.9	21.29	Vertical	46
897.9075	18.22	-3.3	21.52	Vertical	46

For 8DPSK
Channel No.:78

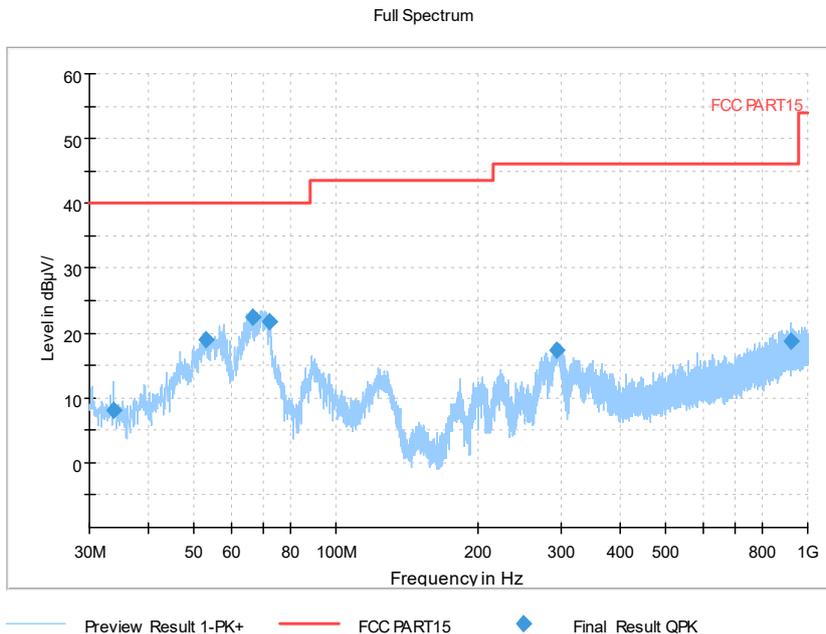
Frequency (MHz)	Result (dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
39.506	10.27	-18.6	28.87	Vertical	40
52.9405	18.51	-17.9	36.41	Vertical	40
70.061	22.93	-22.1	45.03	Vertical	40
72.098	22.45	-22.6	45.05	Vertical	40
291.3665	17.44	-16.3	33.74	Vertical	46
958.581	19.25	-2.6	21.85	Vertical	46

Full Spectrum

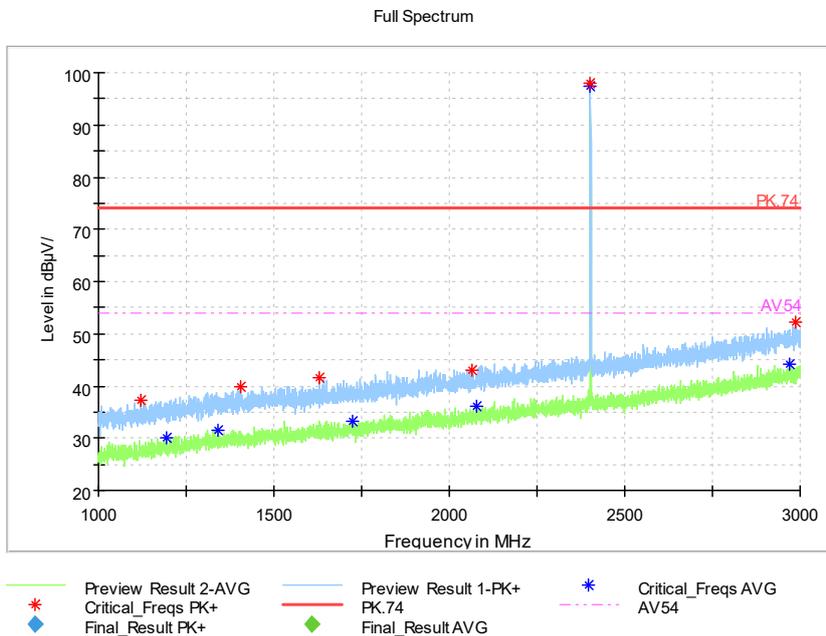


Frequency Range: 9kHz-30MHz

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

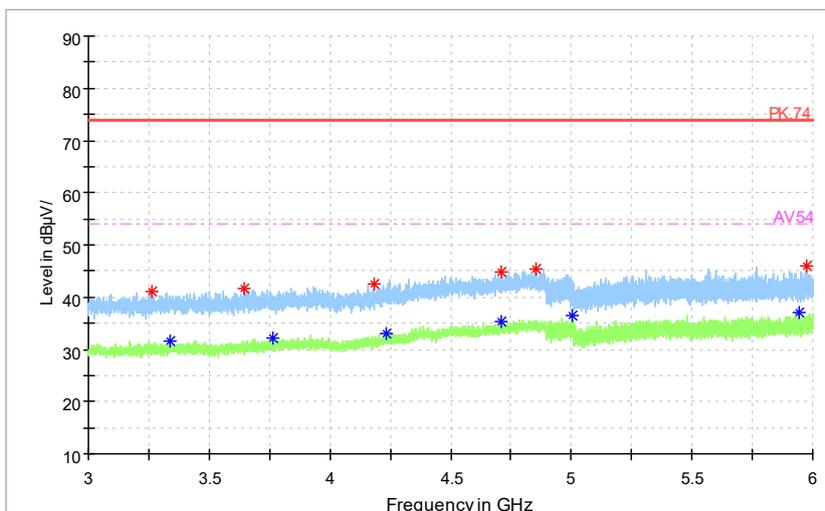


Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK



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

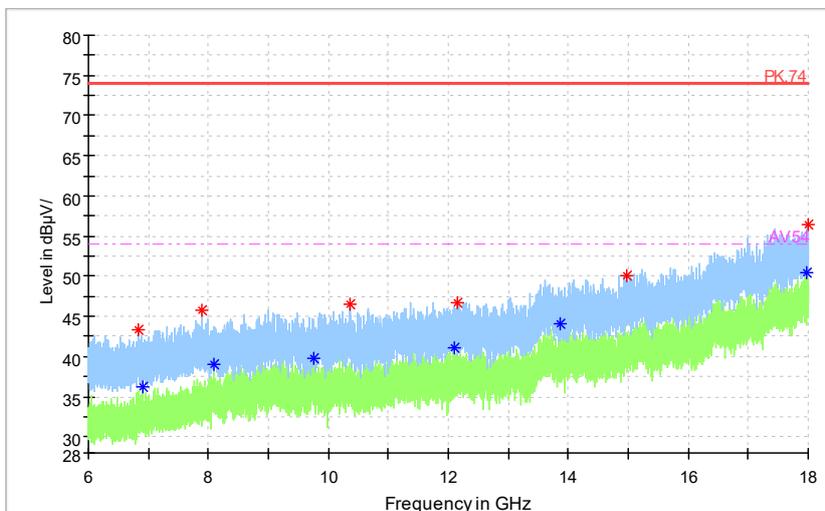
Full Spectrum



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

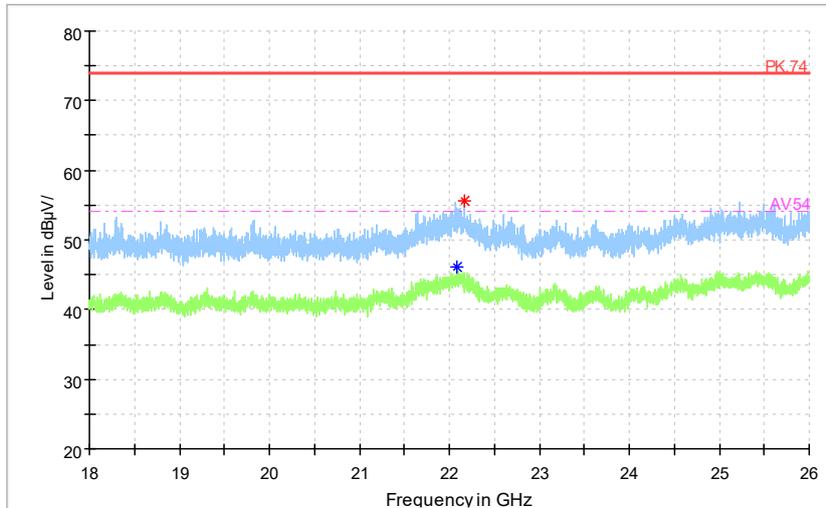
Full Spectrum



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

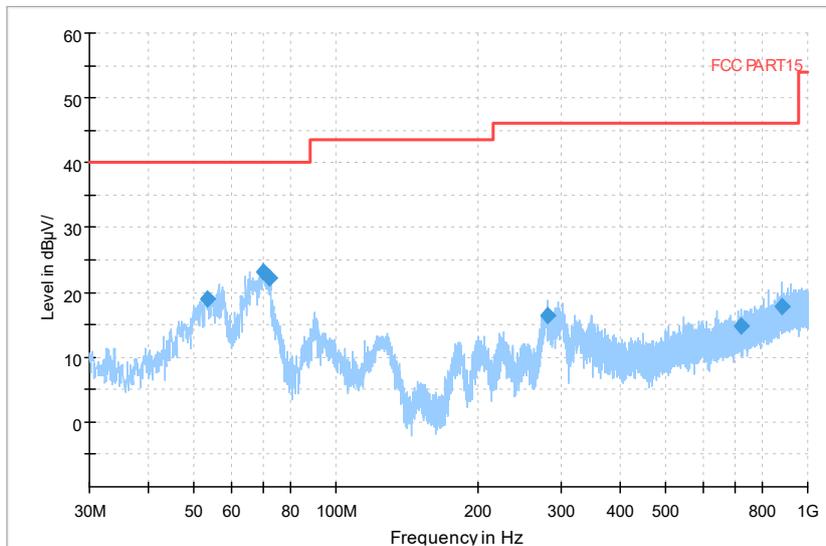
Full Spectrum



◆ 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-26GHz
Detector: Av mode and PK mode
Modulation type: GFSK

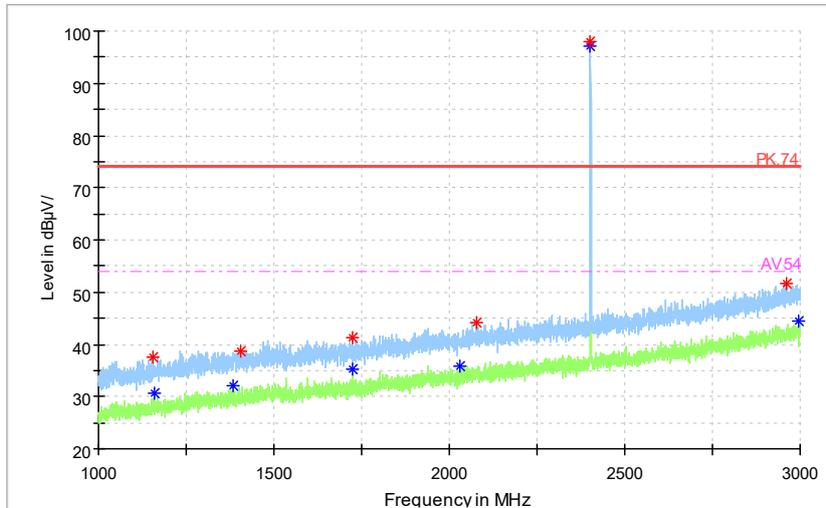
Full Spectrum



— Preview Result 1-PK+ — FCC PART15 ◆ Final_Result QPK

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

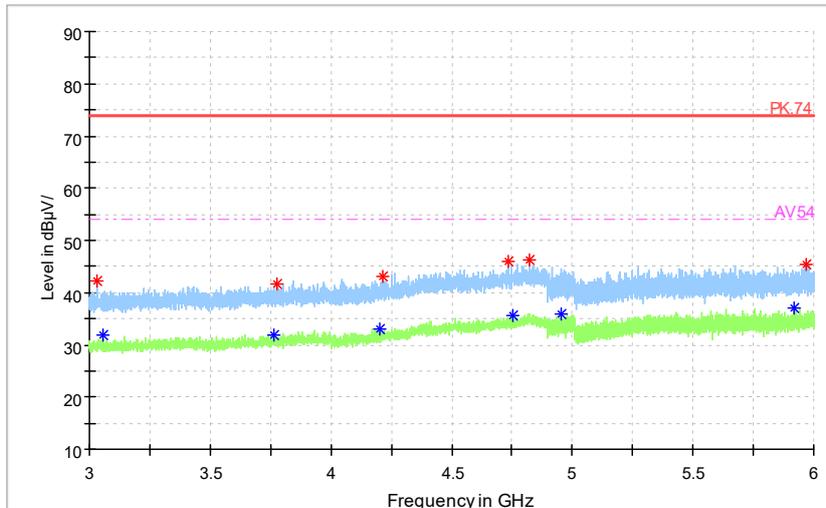
Full Spectrum



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

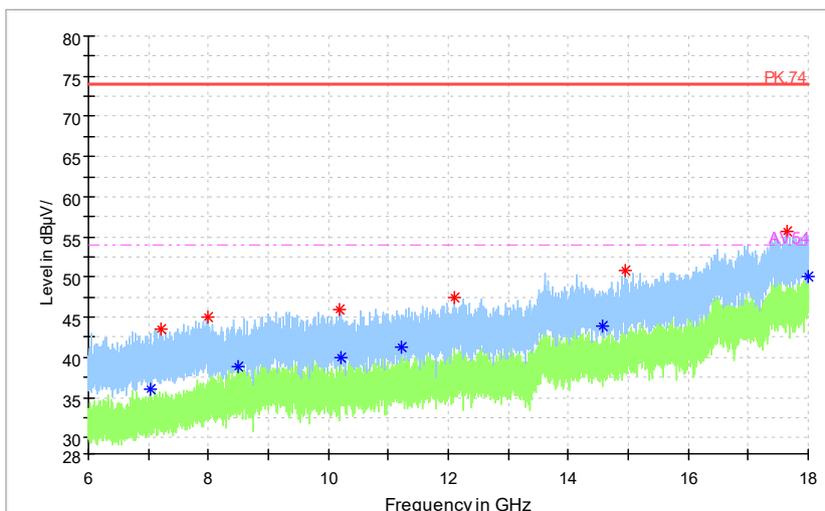
Full Spectrum



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

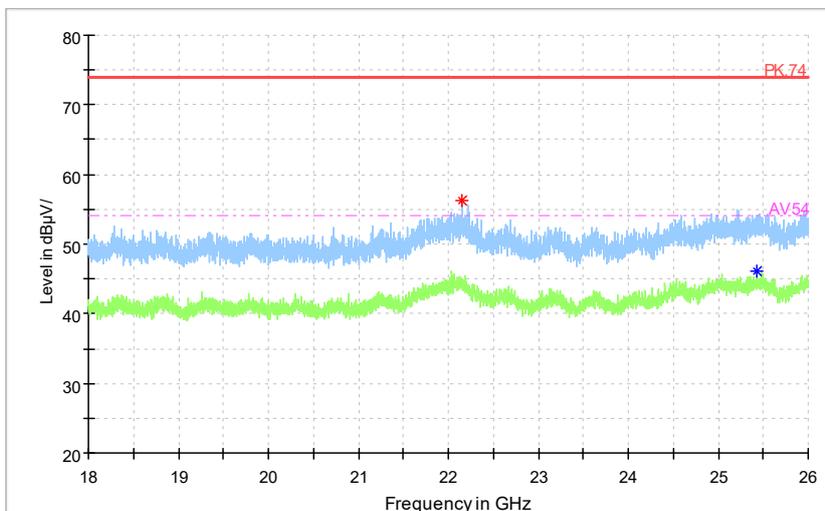
Full Spectrum



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

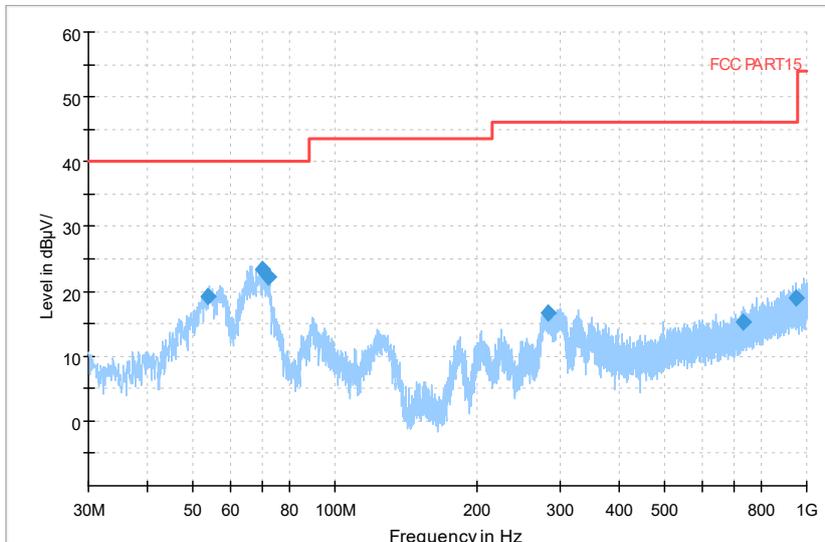
Full Spectrum



◆ 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-26GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

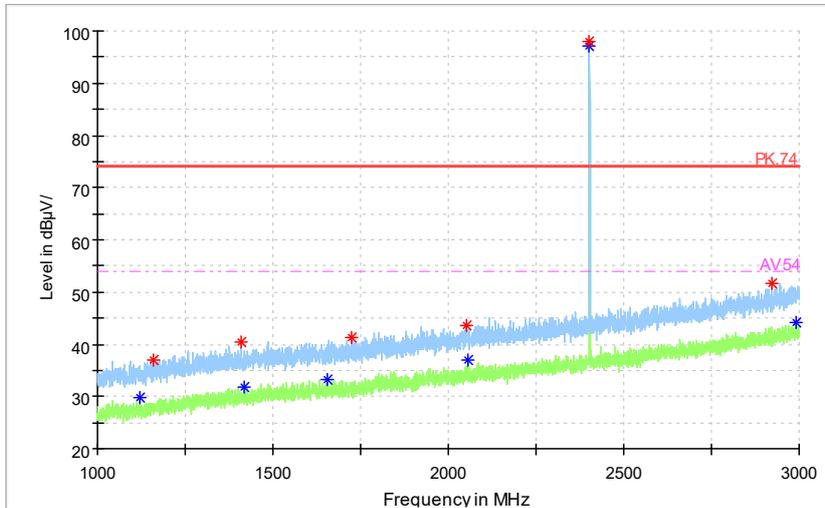
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

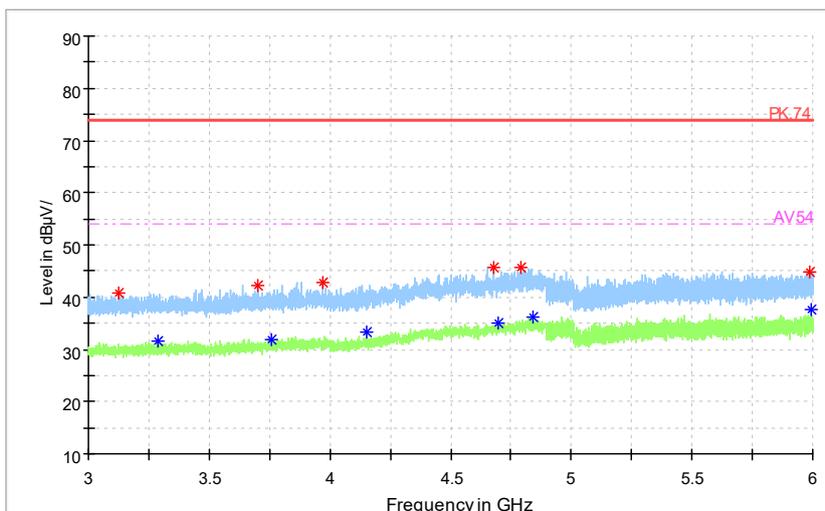
Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ PK.74 AV.54
Final_Result PK+ Final_Result AVG

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

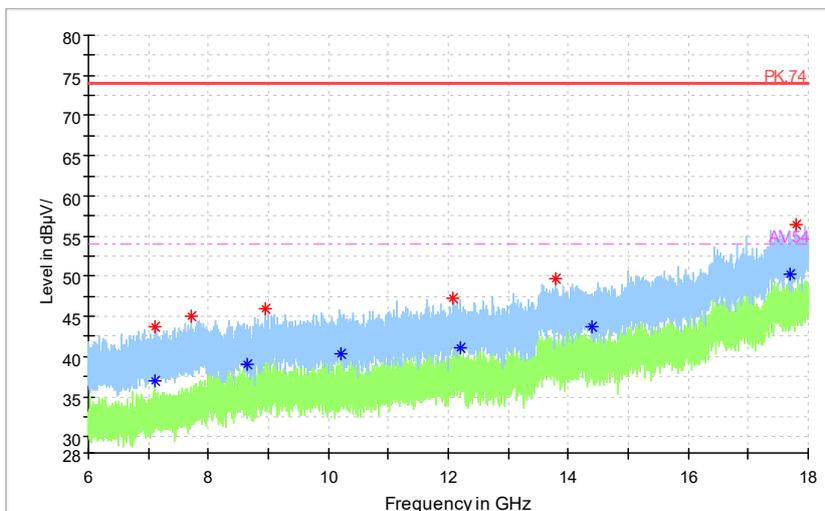
Full Spectrum



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

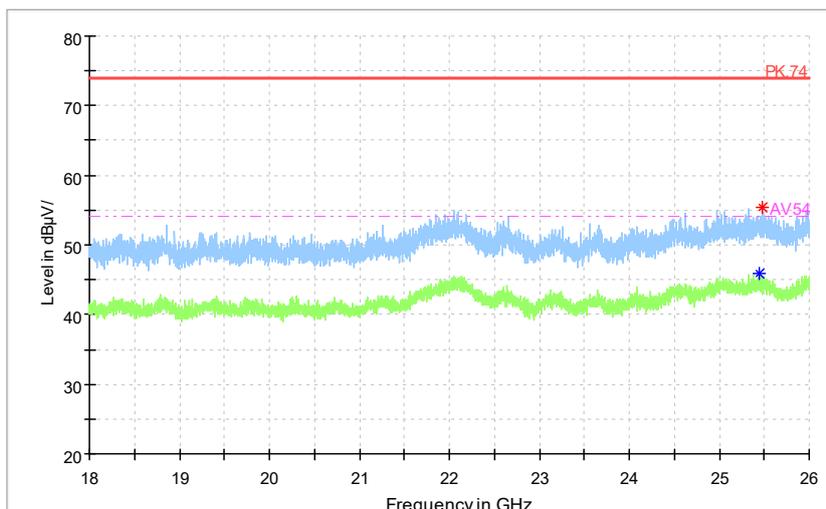
Full Spectrum



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

Full Spectrum

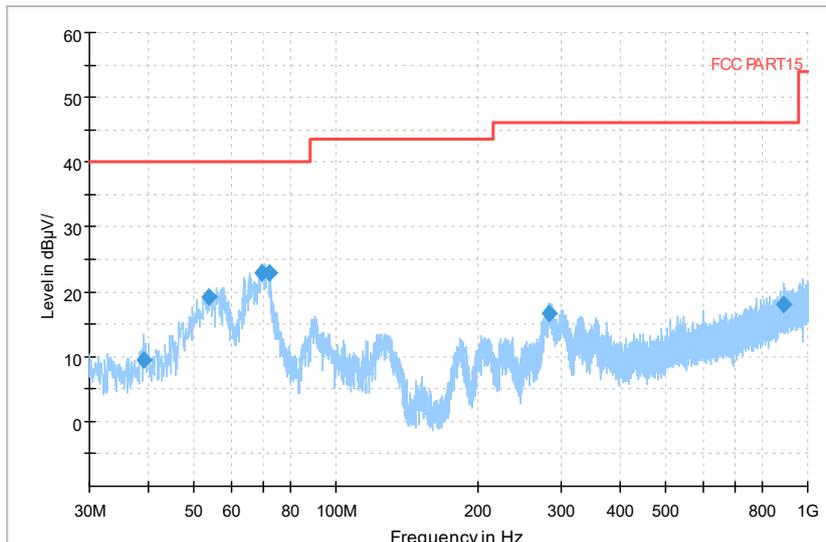


◆ Preview Result 2-AVG — Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ — PK.74 - - - AV54
◆ Final_Result PK+ ◆ Final_Result AVG

Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

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

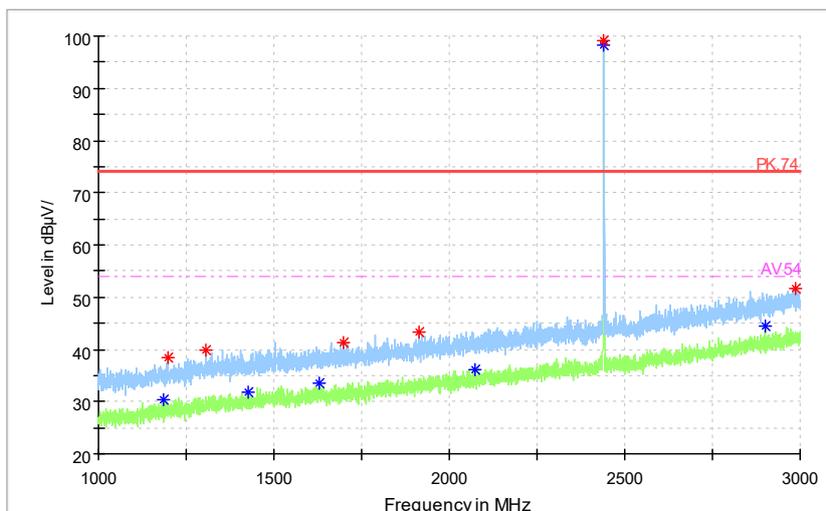
Full Spectrum



— Preview Result 1-PK+ — FCC PART15 ◆ Final_Result QPK

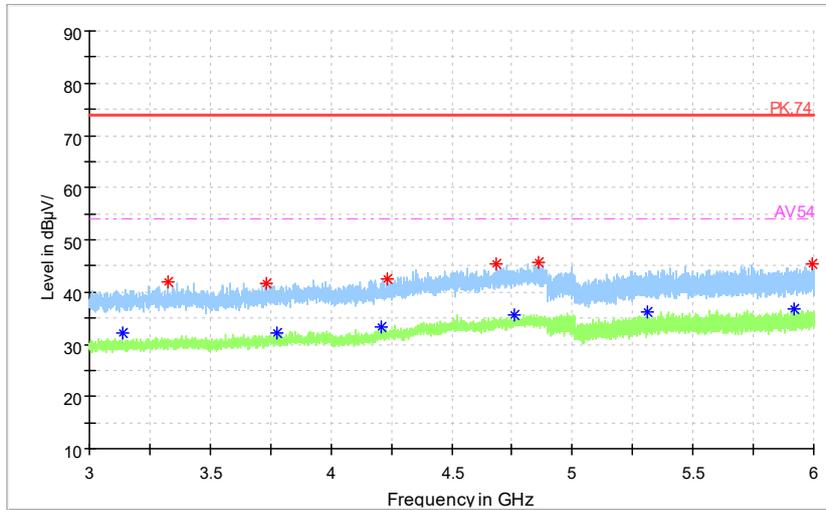
Frequency Range: 30MHz-1000MHz
Detector: QP mode
Modulation type: GFSK

Full Spectrum



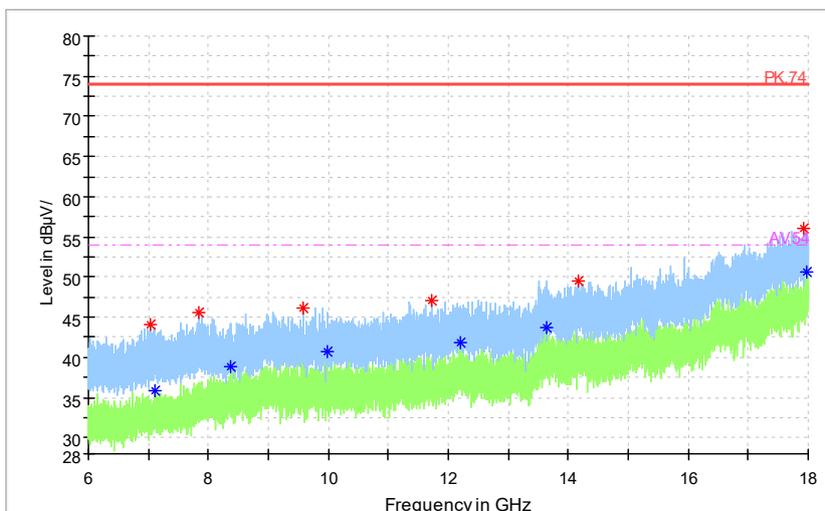
Frequency Range: 1GHz-3GHz
Detector: Av mode and PK mode
Modulation type: GFSK

Full Spectrum



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

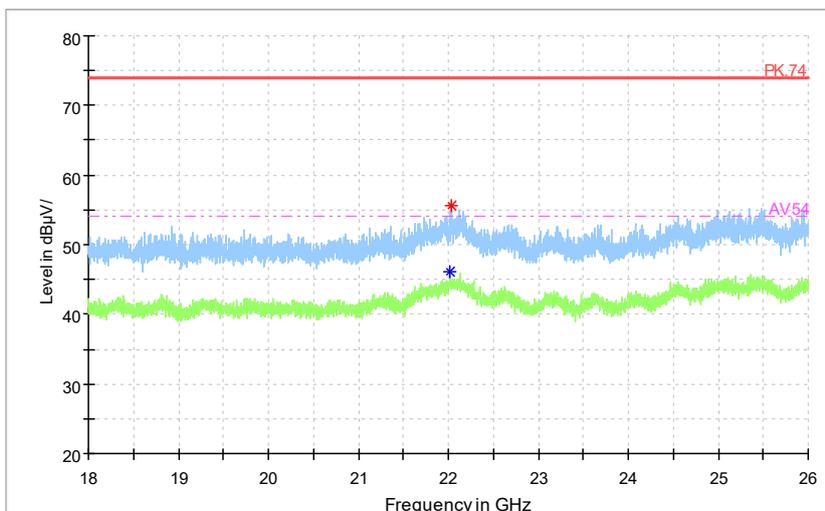
Full Spectrum



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

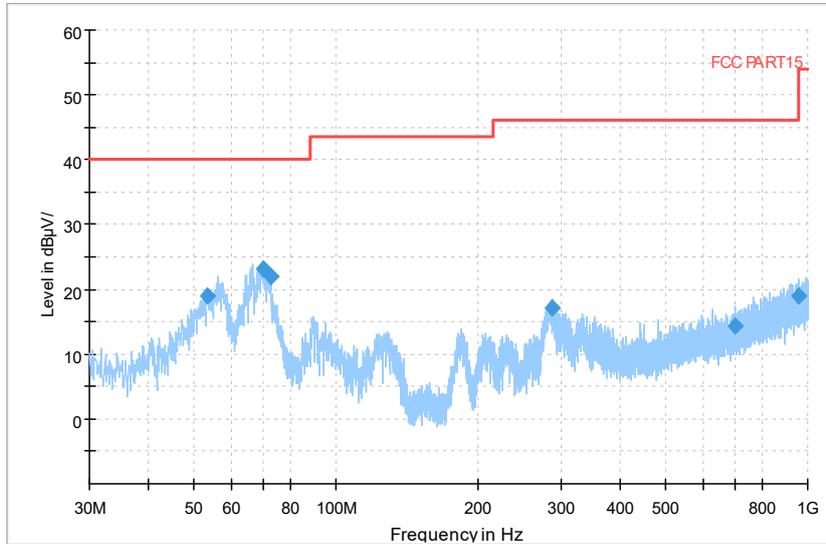
Full Spectrum



— 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-26GHz
Detector: Av mode and PK mode
Modulation type: GFSK

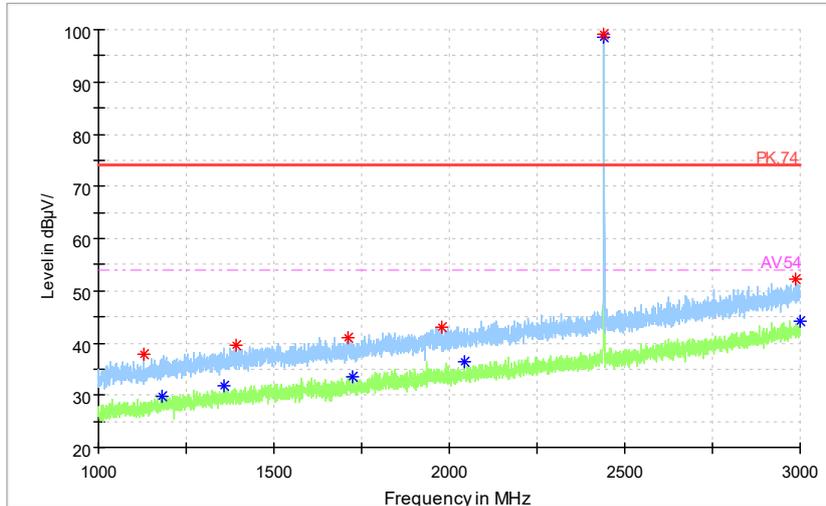
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

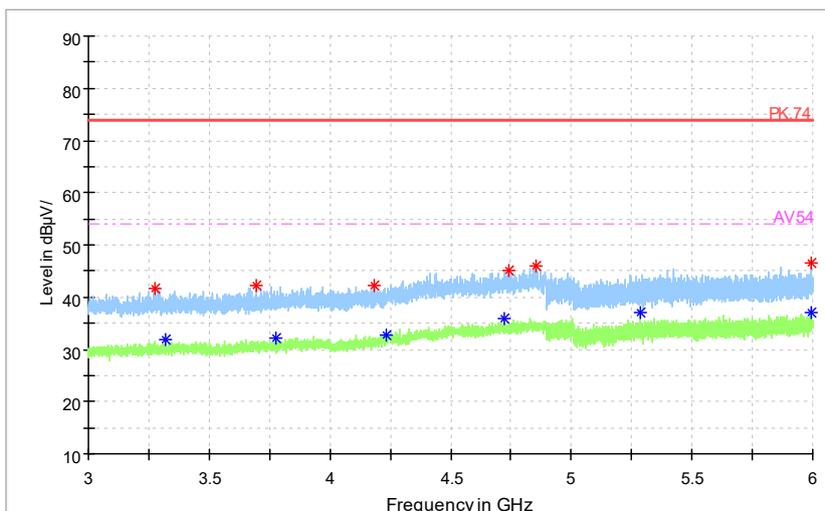
Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ PK.74 AV.54
Final_Result PK+ Final_Result AVG

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

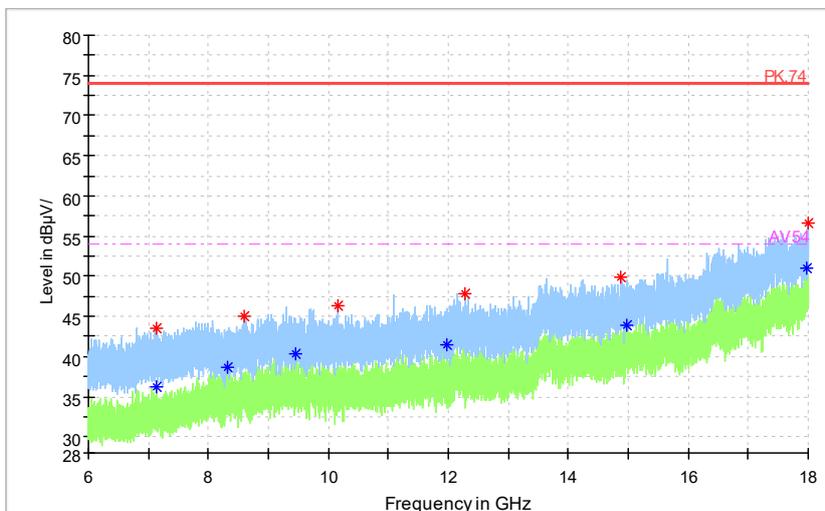
Full Spectrum



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

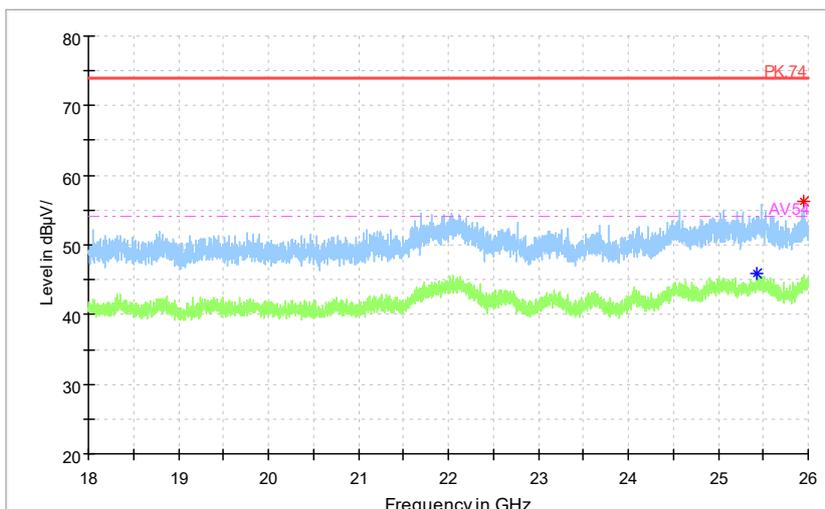
Full Spectrum



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

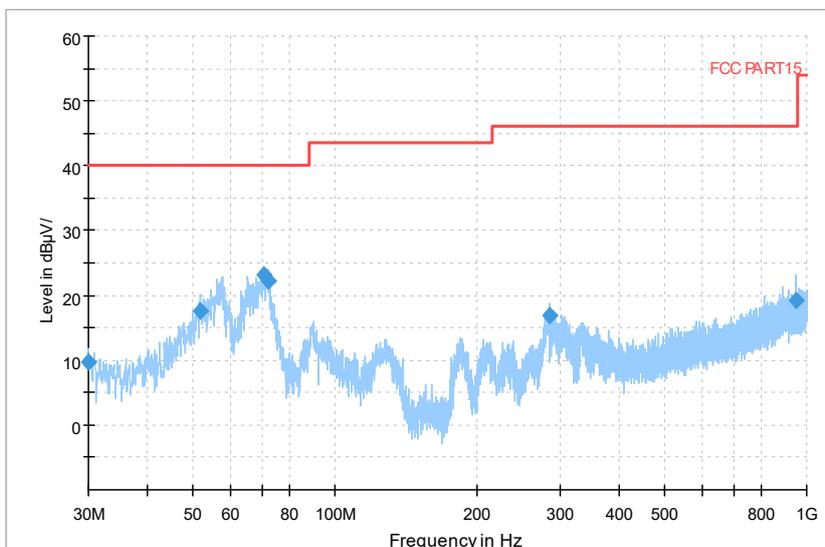
Frequency Range: 6GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



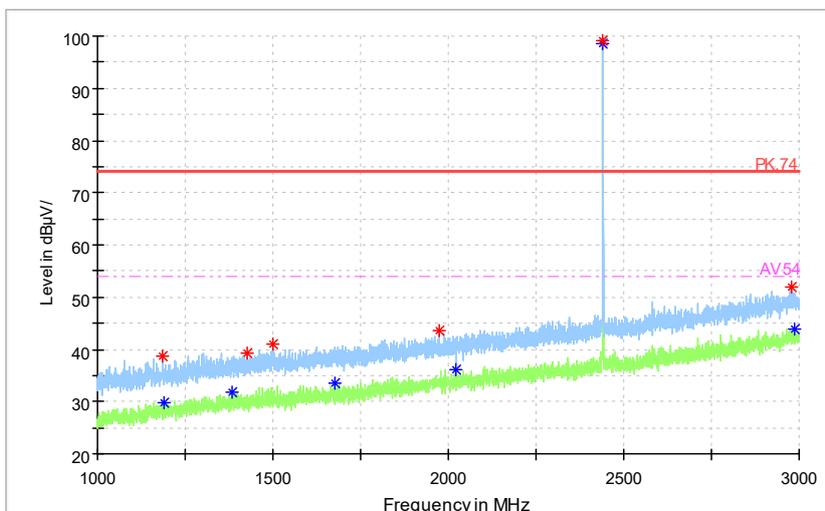
Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



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

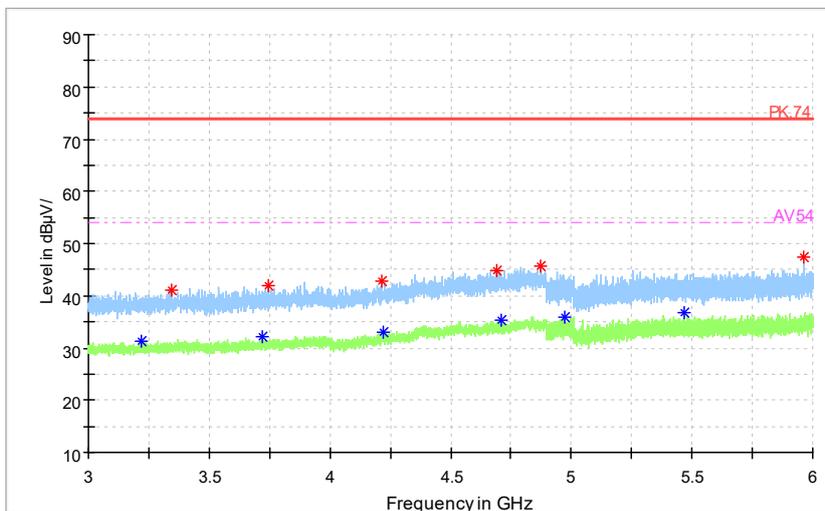
Full Spectrum



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

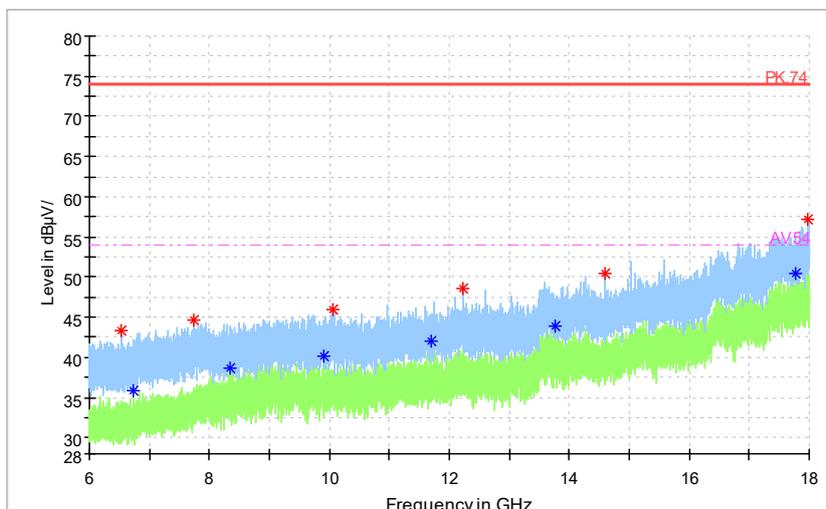
Full Spectrum



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

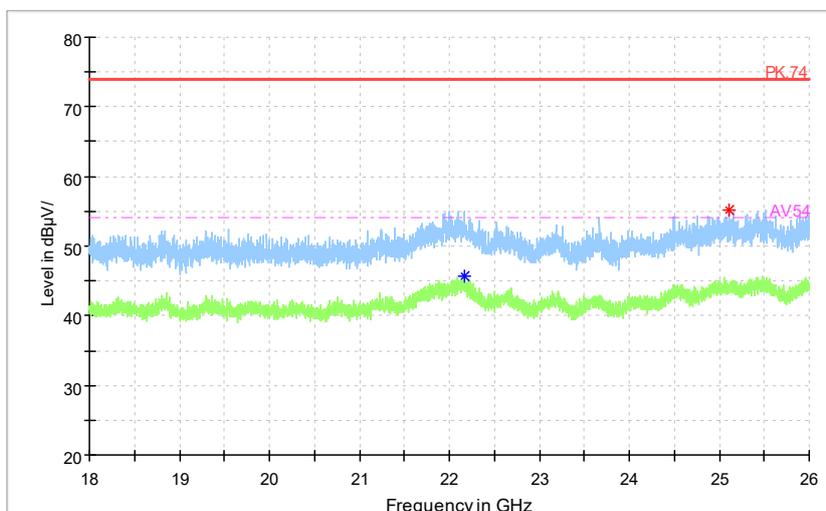
Full Spectrum



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

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

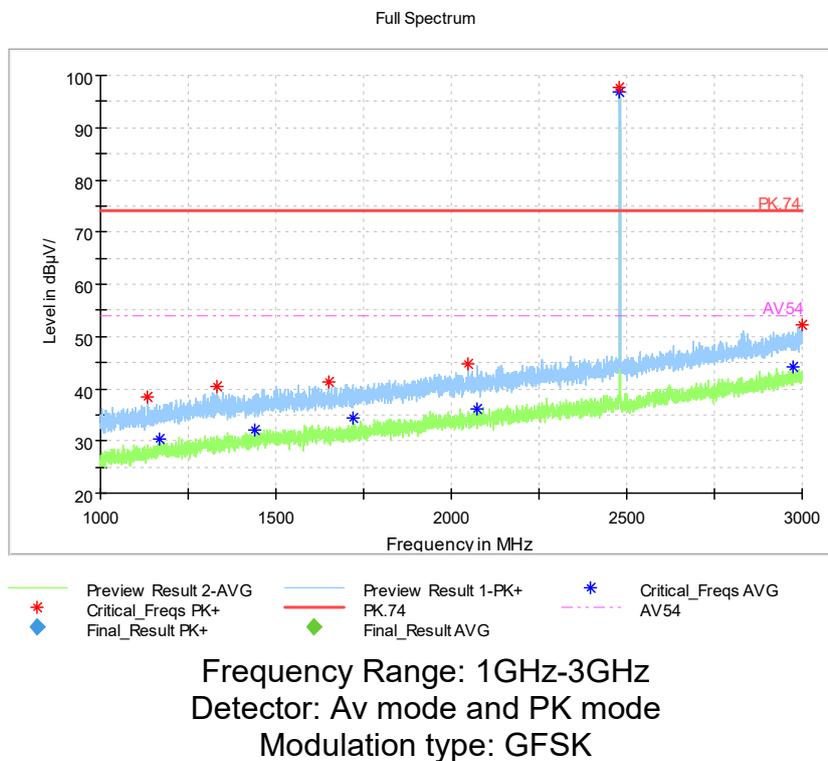
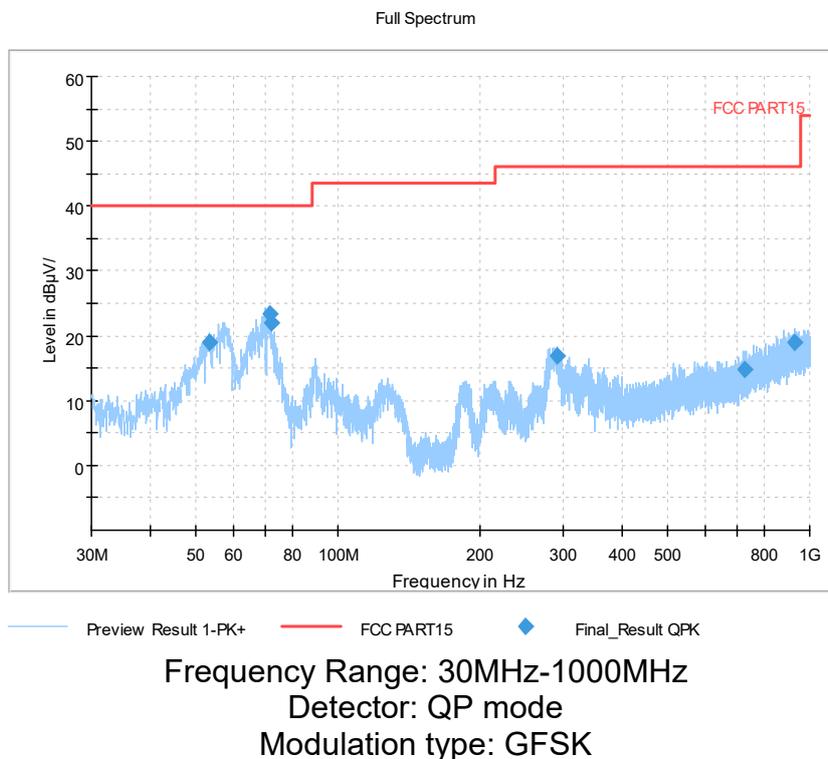
Full Spectrum



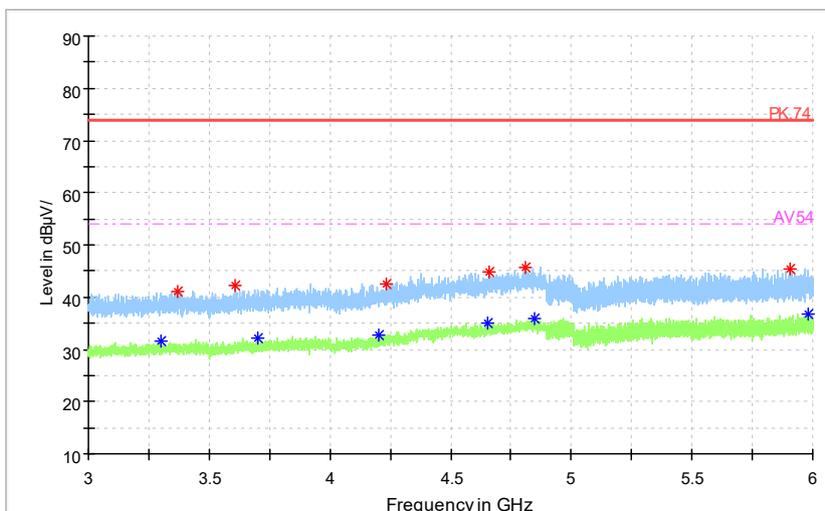
◆ Preview Result 2-AVG ◆ Preview Result 1-PK+ * Critical_Freqs AVG
* Critical_Freqs PK+ ◆ Final_Result AVG - - - AV54
◆ Final_Result PK+

Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: 8DPSK

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



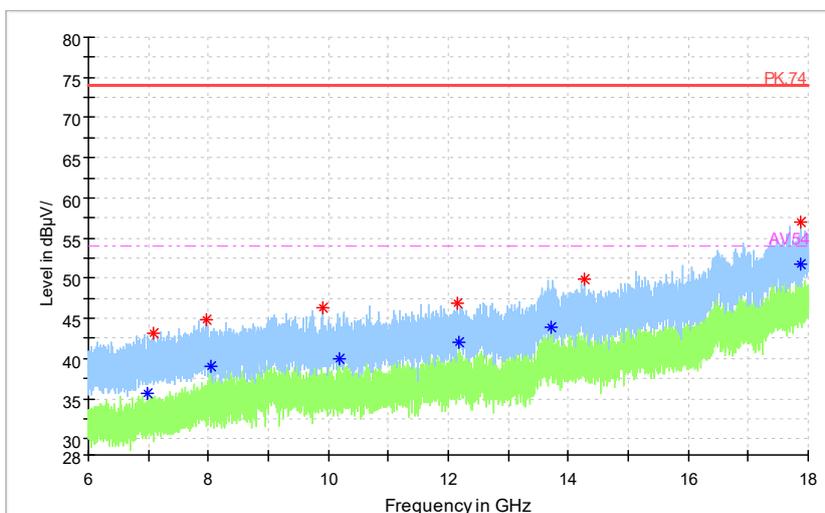
Full Spectrum



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

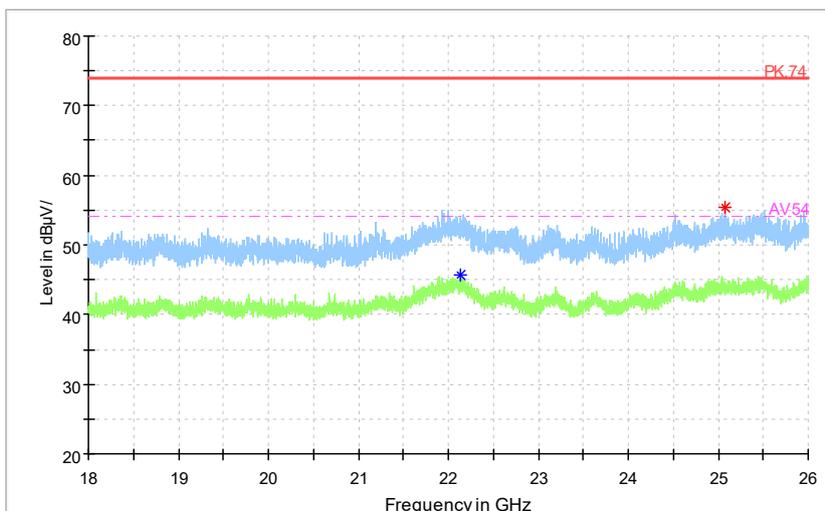
Full Spectrum



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

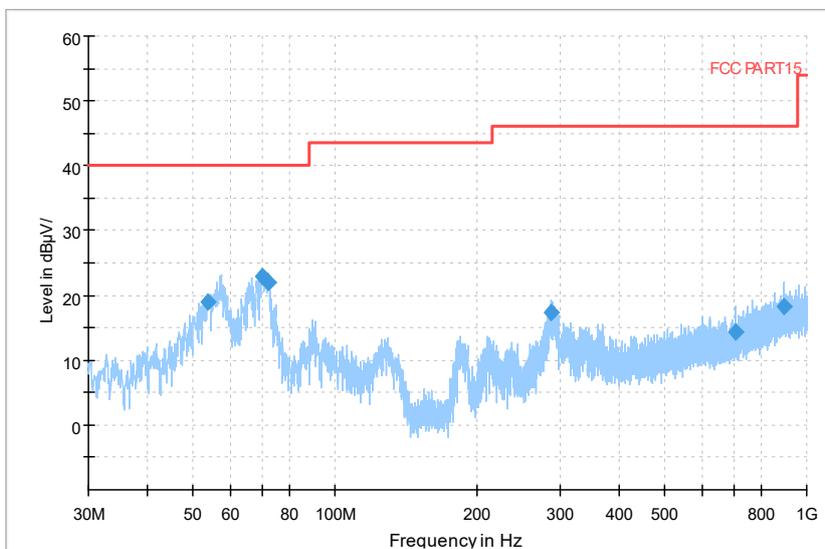
Full Spectrum



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

Frequency Range: 18GHz-26GHz
 Detector: Av mode and PK mode
 Modulation type: GFSK

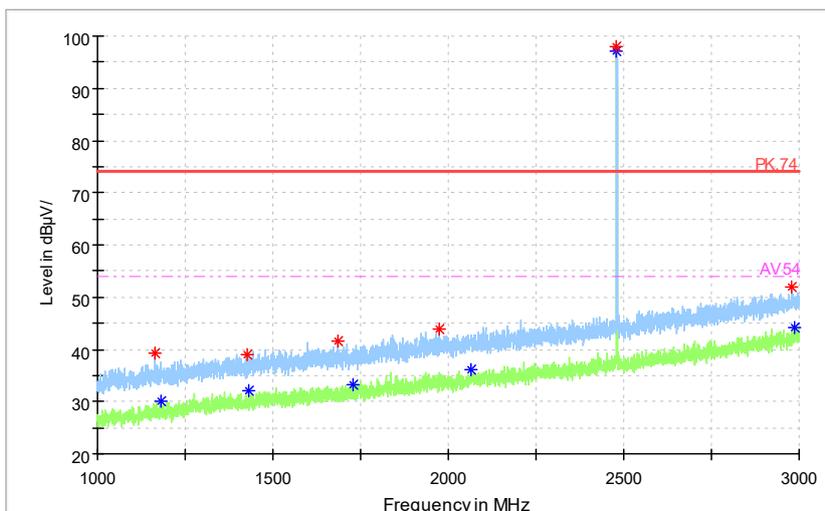
Full Spectrum



— Preview Result 1-PK+ — FCC PART15 ◆ Final_Result QPK

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

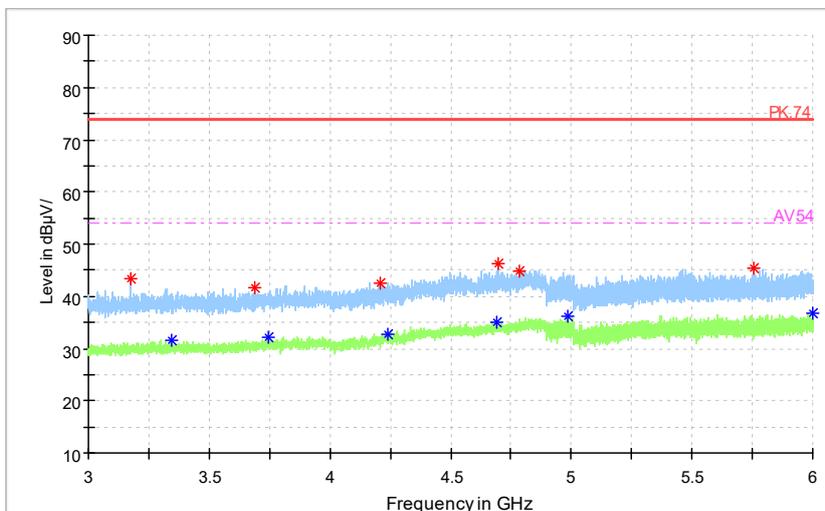
Full Spectrum



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

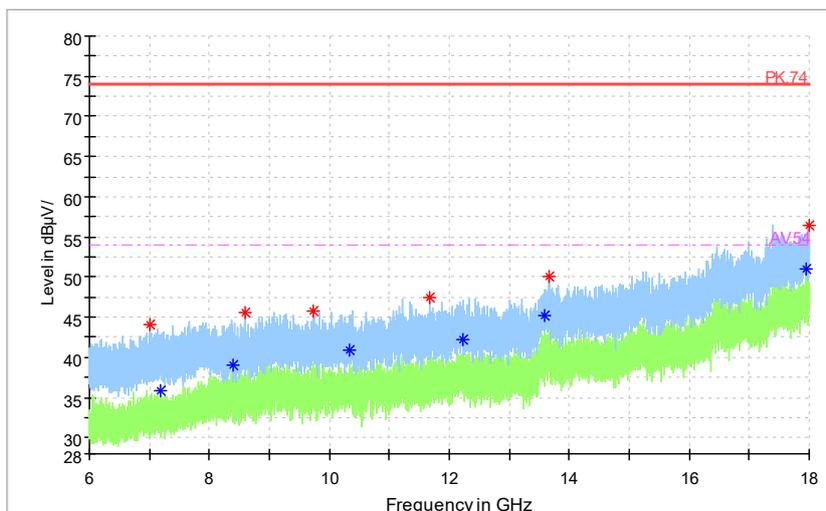
Full Spectrum



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

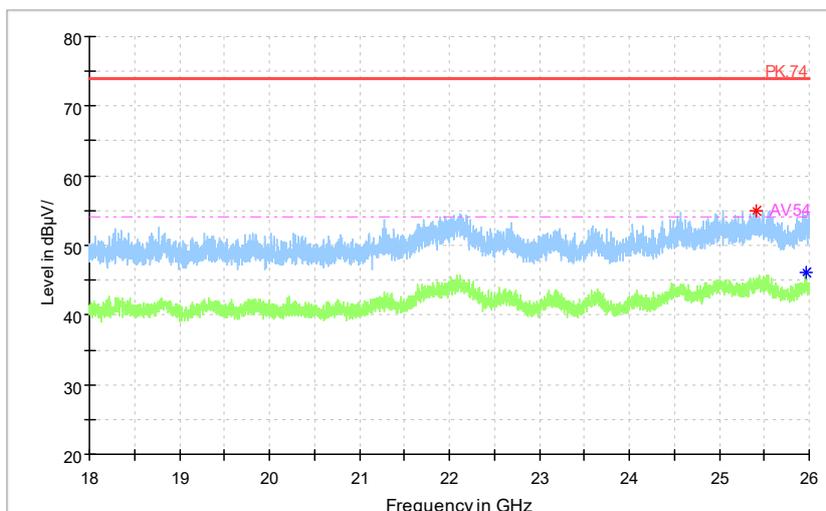
Frequency Range: 3GHz-6GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



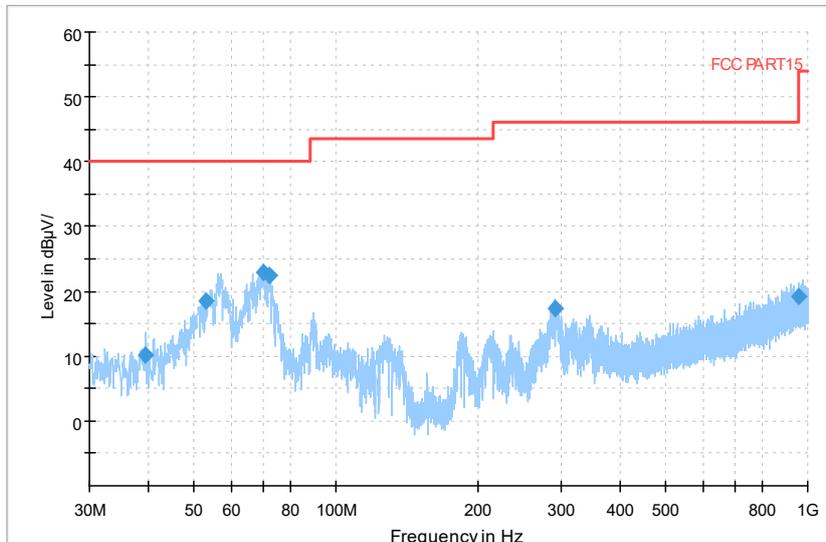
Frequency Range: 6GHz-18GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

Full Spectrum



Frequency Range: 18GHz-26GHz
Detector: Av mode and PK mode
Modulation type: $\pi/4$ DQPSK

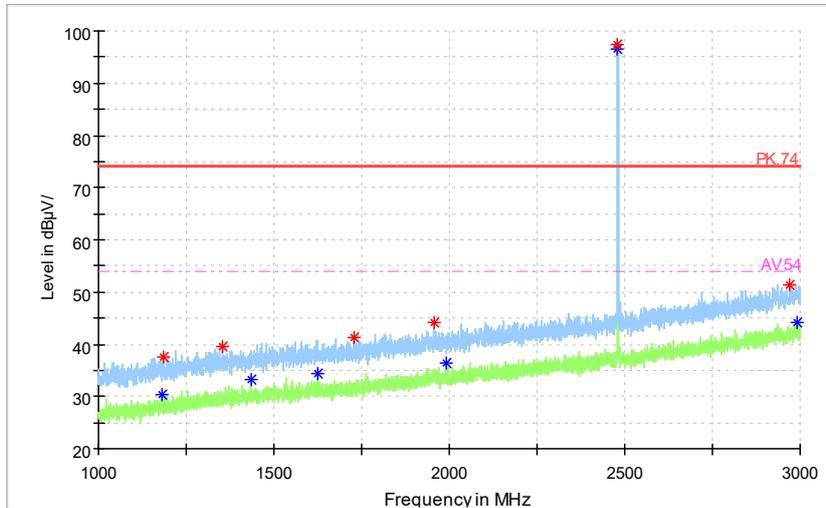
Full Spectrum



Preview Result 1-PK+ FCC PART15 Final_Result QPK

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

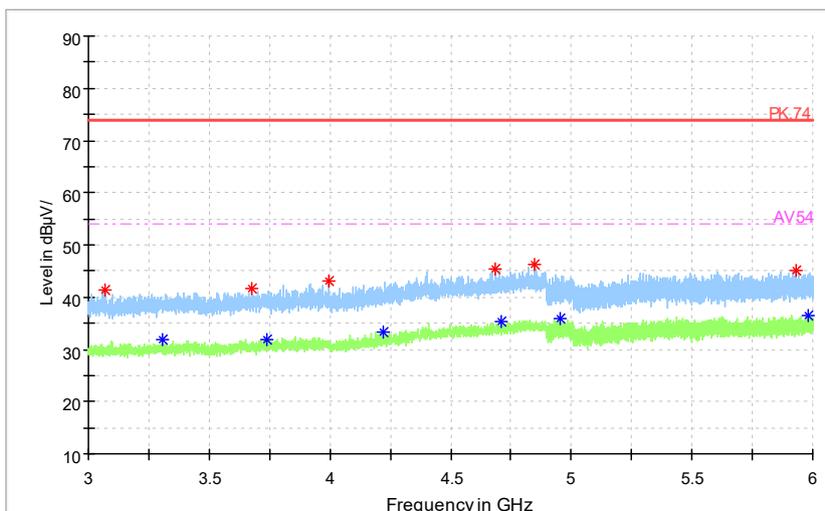
Full Spectrum



Preview Result 2-AVG Preview Result 1-PK+ Critical_Freqs AVG
Critical_Freqs PK+ PK.74 AV.54
Final_Result PK+ Final_Result AVG

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

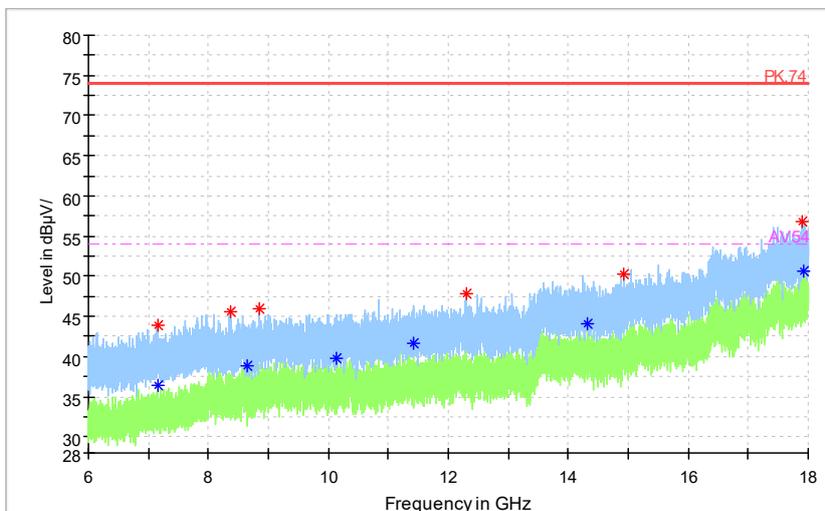
Full Spectrum



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

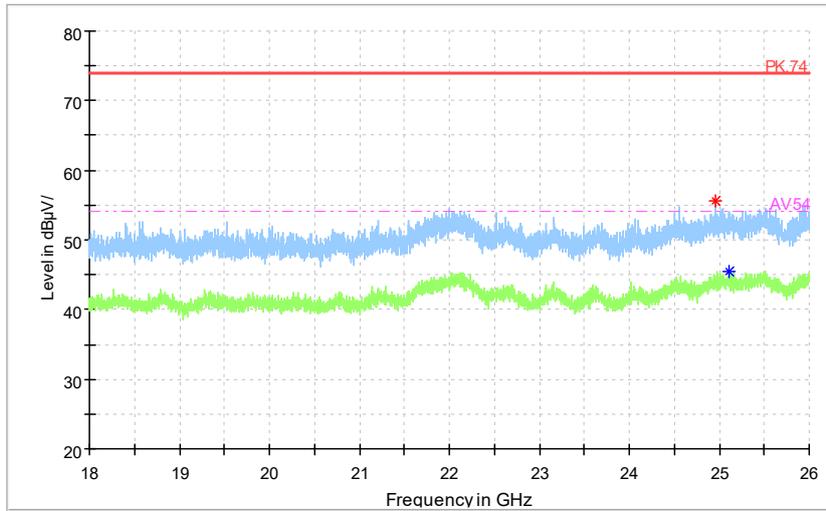
Full Spectrum



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

Full Spectrum



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

Frequency Range: 18GHz-26GHz
 Detector: Av mode and PK mode
 Modulation type: 8DPSK

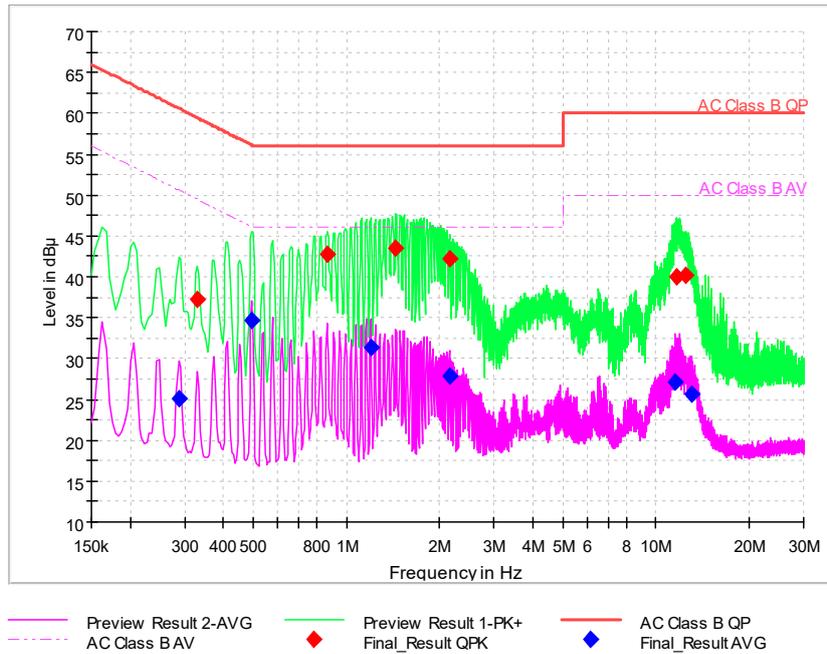
AC Power line Conducted Emission

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: $(25.16 \text{ dB}\mu\text{V}) = (-4.64 \text{ dB}\mu\text{V}) + (29.7 \text{ dB})$, the corresponding frequency is 0.286457MHz.



L+N Line

MEASUREMENT RESULT:

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)	Pmea QuasiPeak (dBμV)	Pmea Average (dBμV)
0.286457	---	25.16	50.63	25.47	L1	29.8	---	-4.64
0.3291	37.16	---	59.47	22.31	N	29.9	7.26	---
0.495407	---	34.68	46.08	11.4	N	29.8	---	4.88
0.870664	42.74	---	56	13.26	L1	29.7	13.04	---
1.199014	---	31.27	46	14.73	N	29.7	---	1.57
1.446343	43.57	---	56	12.43	N	29.7	13.87	---
2.145686	---	27.87	46	18.13	L1	29.7	---	-1.83
2.158479	42.14	---	56	13.86	L1	29.7	12.44	---
11.55696	---	27.1	50	22.9	L1	29.8	---	-2.7
11.69769	40.08	---	60	19.92	L1	29.8	10.28	---
12.52496	40.25	---	60	19.75	N	29.8	10.45	---
13.01109	---	25.58	50	24.42	N	29.8	---	-4.22

---End of Test Report---