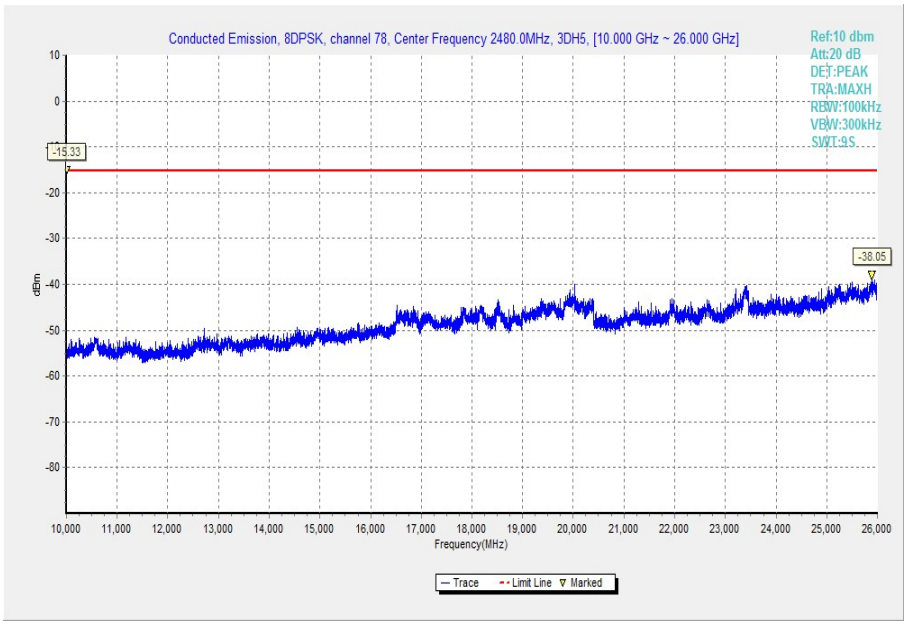

Fig. 49 Conducted Spurious Emission (All channel, 10 GHz-26 GHz)

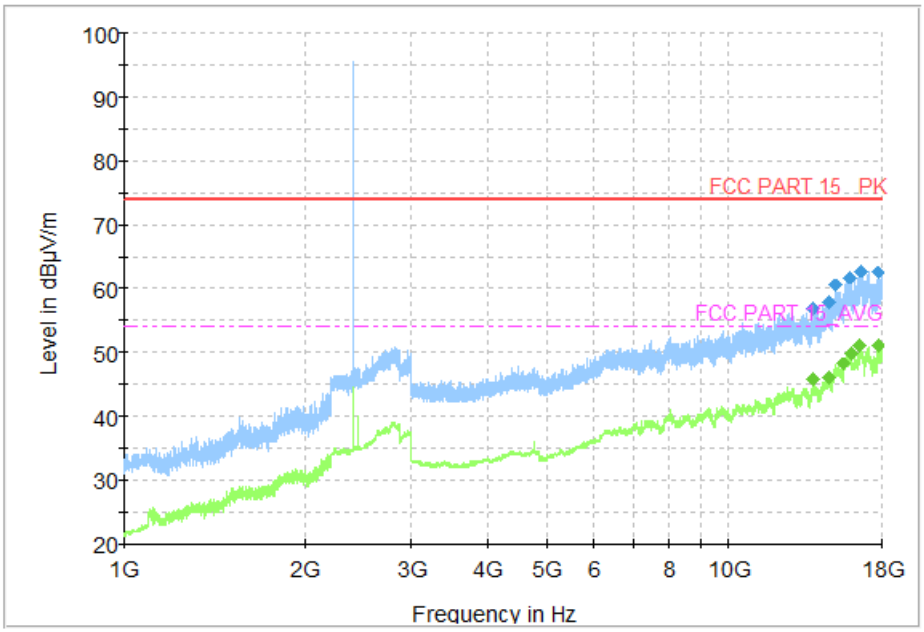

Fig. 50 Radiated Spurious Emission (GFSK, Ch0, 1 GHz ~18 GHz)

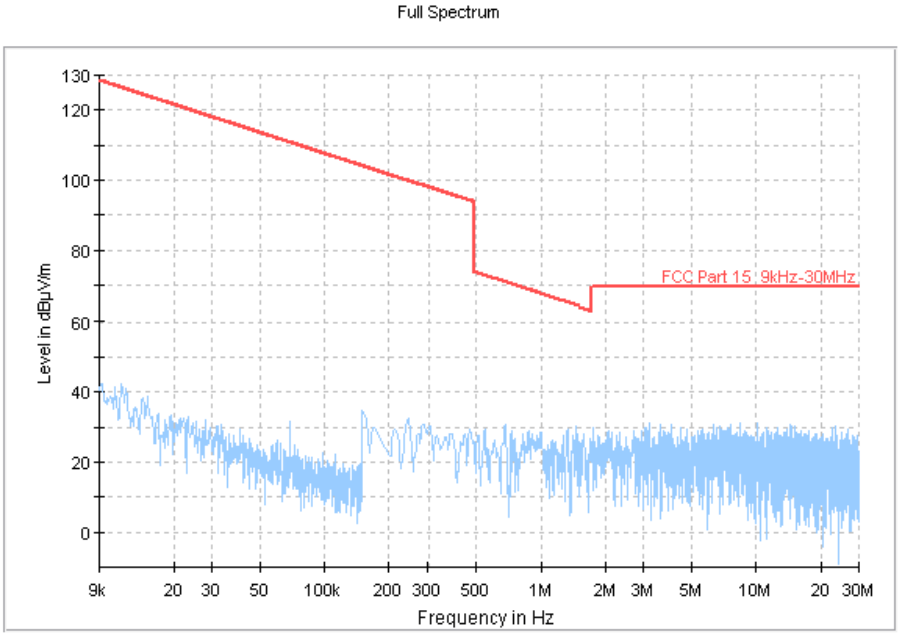

Fig. 51 Radiated Spurious Emission (GFSK, Ch39, 9 kHz ~30 MHz)

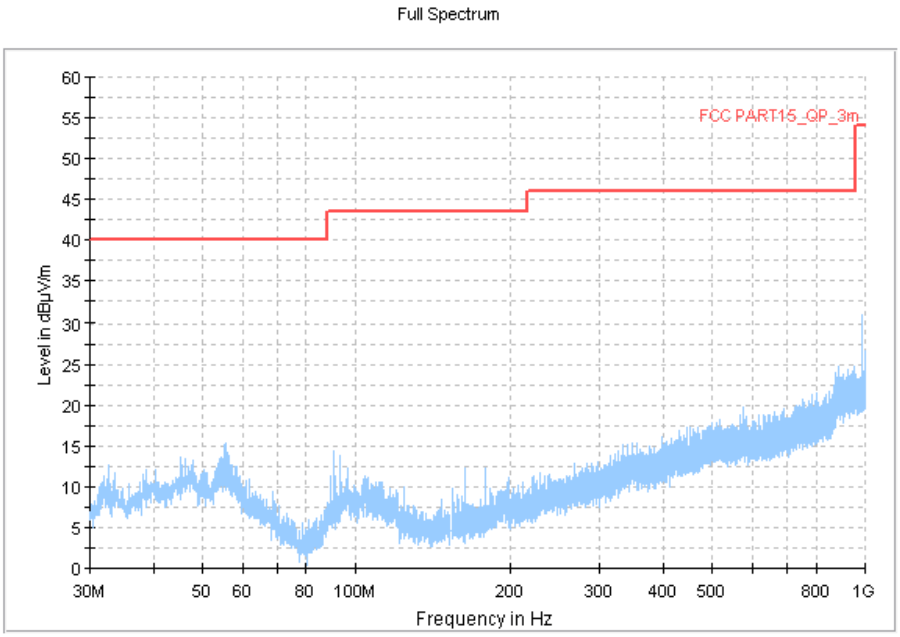

Fig. 52 Radiated Spurious Emission (GFSK, Ch39, 30 MHz ~1 GHz)

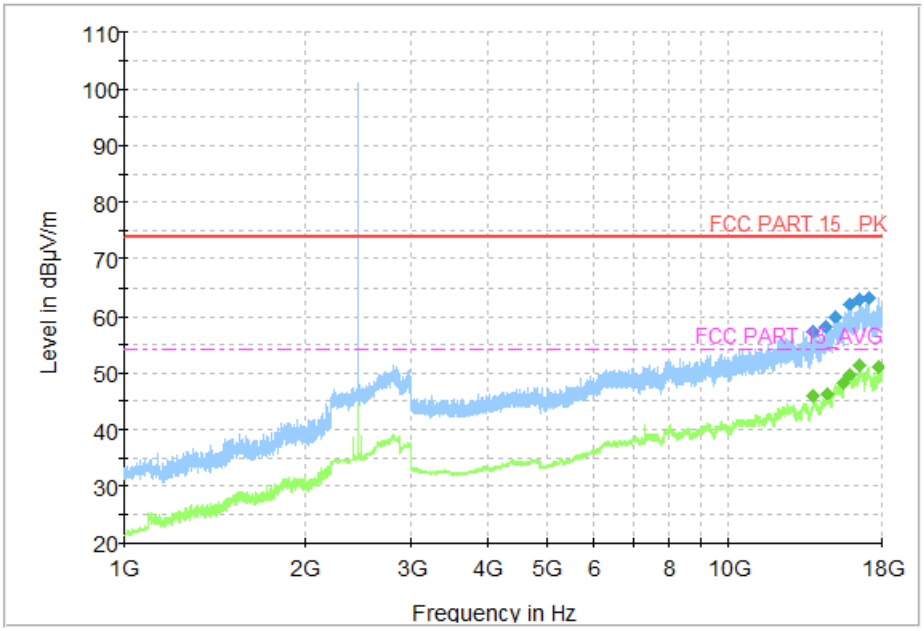

Fig. 53 Radiated Spurious Emission (GFSK, Ch39, 1 GHz ~18 GHz)

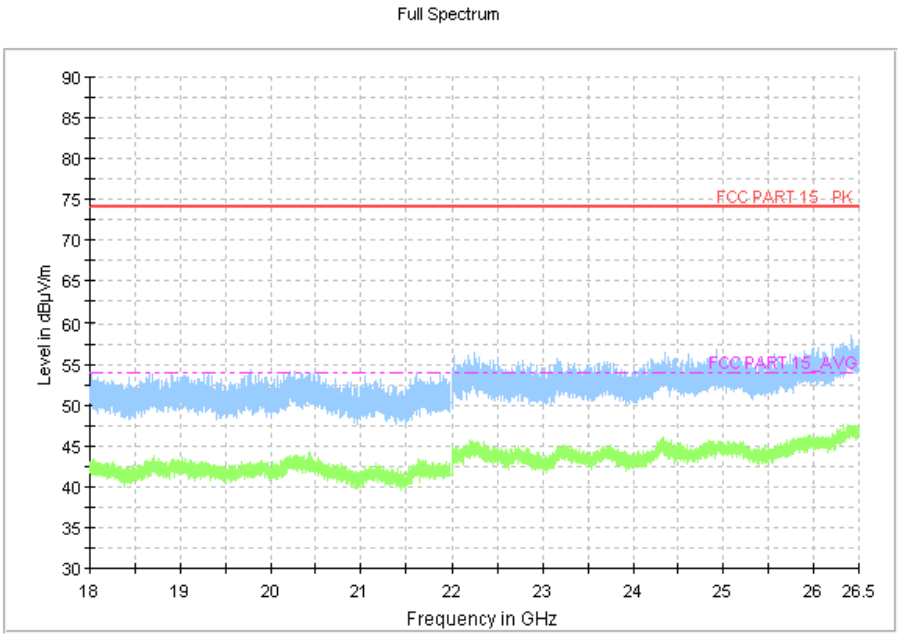

Fig. 54 Radiated Spurious Emission (GFSK, Ch39, 18 GHz ~26.5 GHz)

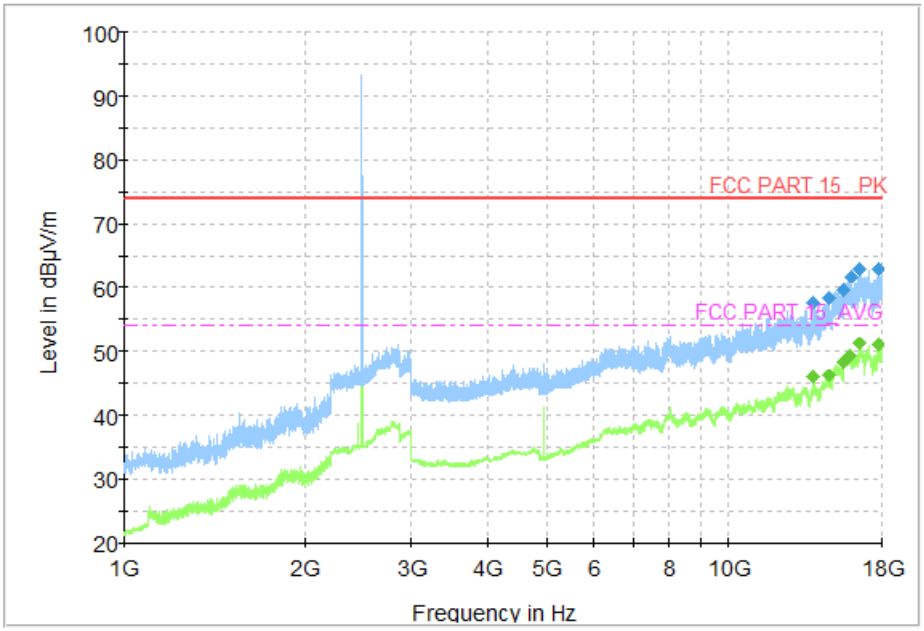

Fig. 55 Radiated Spurious Emission (GFSK, Ch78, 1 GHz ~18 GHz)

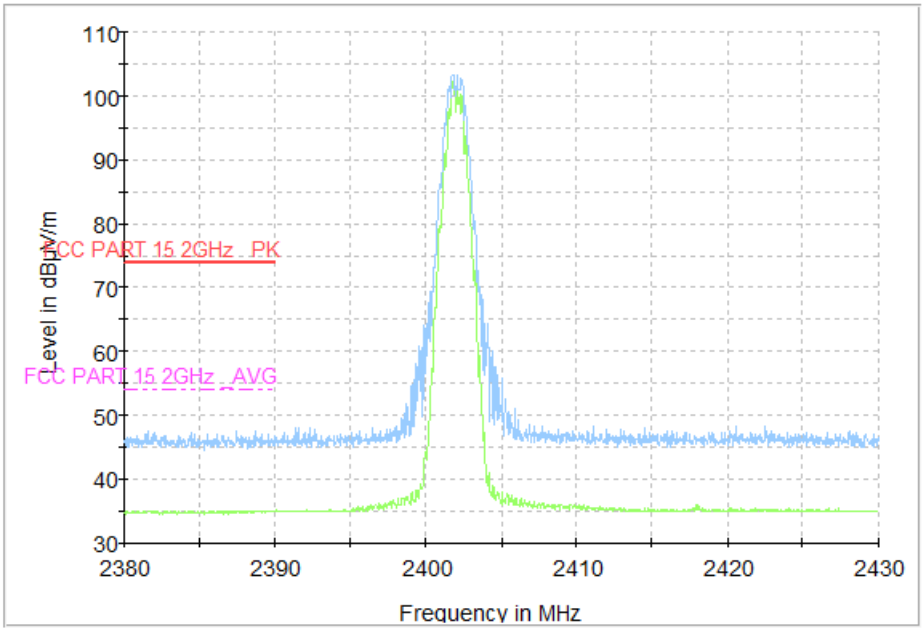

Fig. 56 Radiated Emission Power (GFSK, Ch0, 2380GHz~2450GHz)

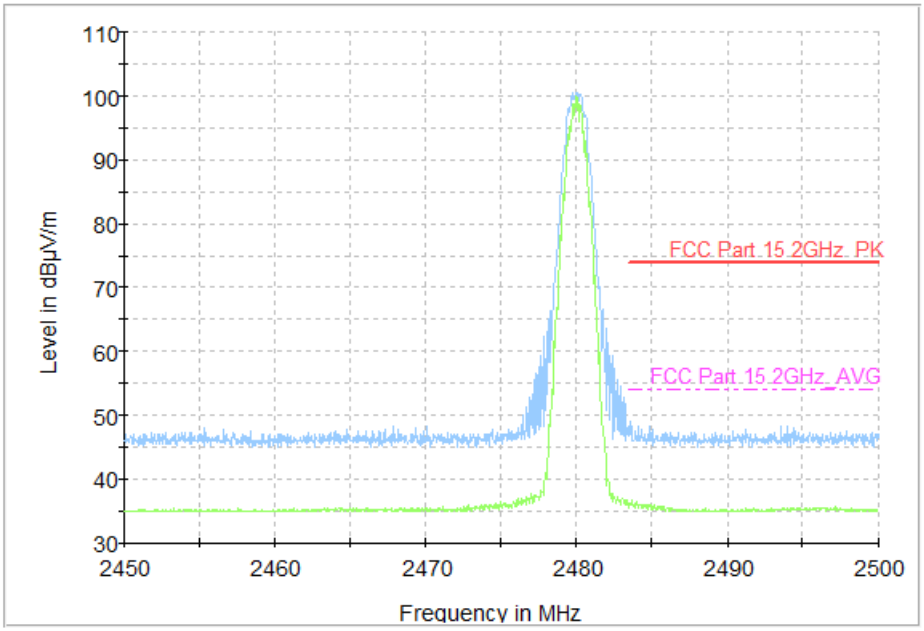

Fig. 57 Radiated Emission Power (GFSK, Ch78, 2450GHz~2500GHz)

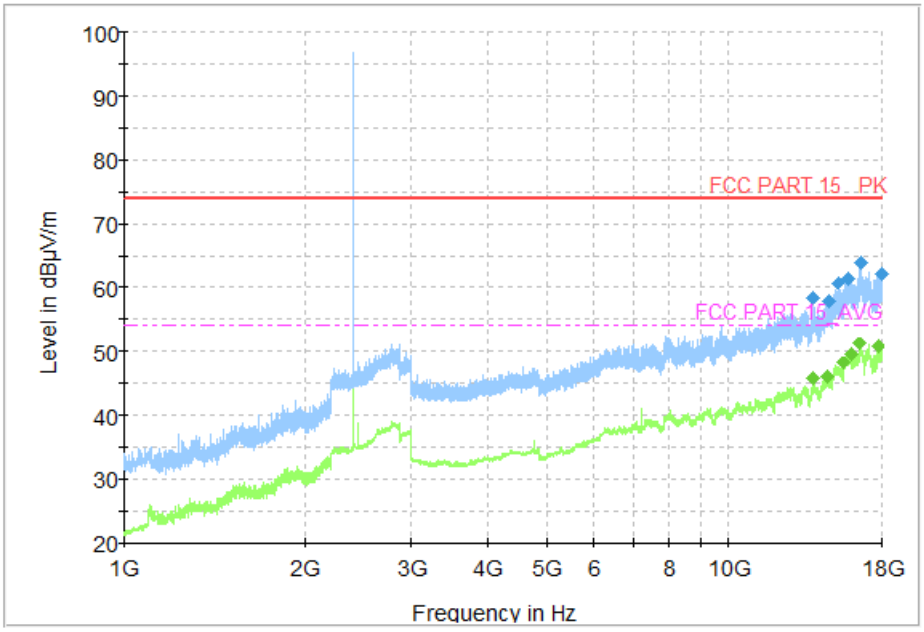

Fig. 58 Radiated Spurious Emission (π /4 DQPSK, Ch0, 1 GHz ~18 GHz)

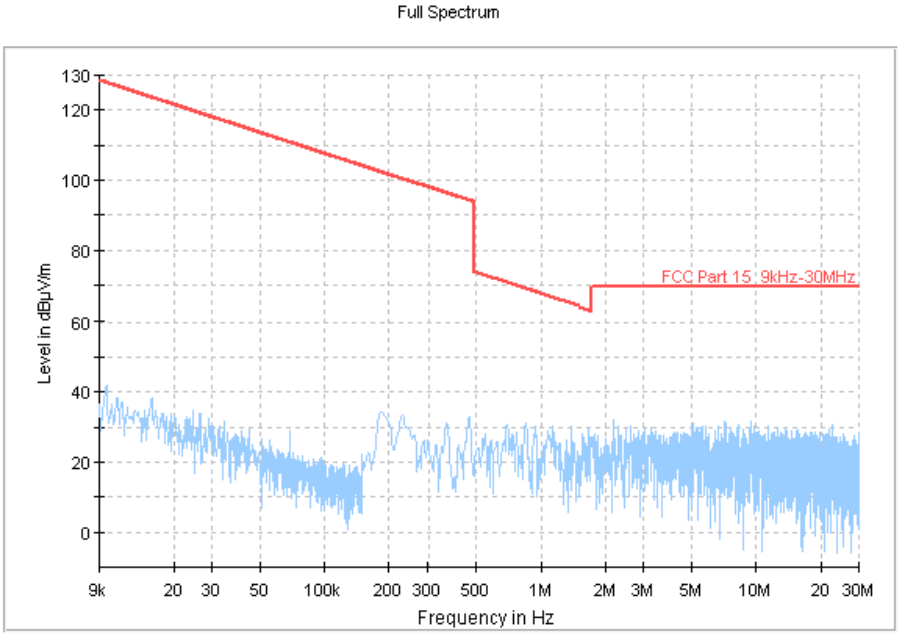

Fig. 59 Radiated Spurious Emission (π /4 DQPSK, Ch39, 9 kHz ~30 MHz)

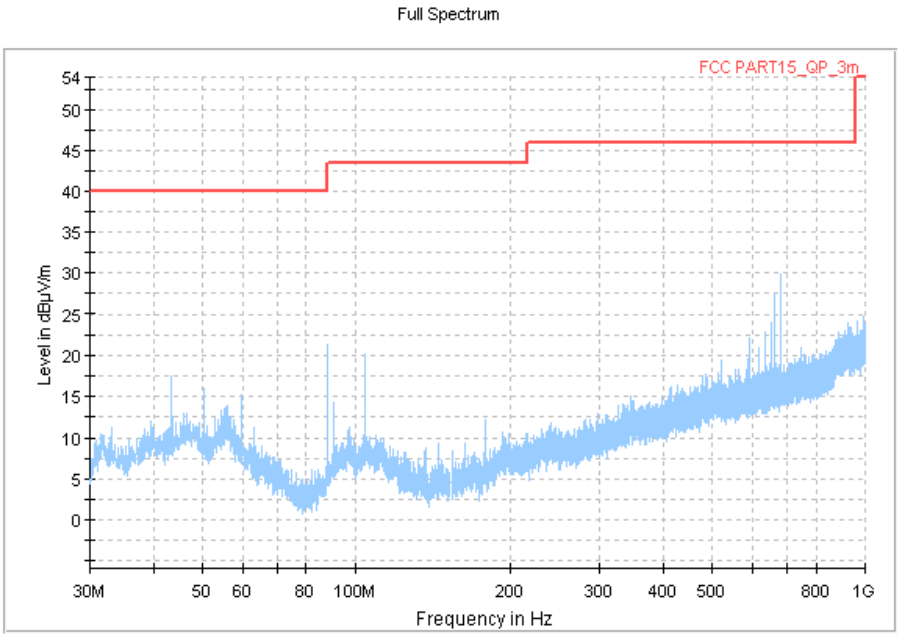

Fig. 60 Radiated Spurious Emission (π /4 DQPSK, Ch39, 30 MHz ~1 GHz)

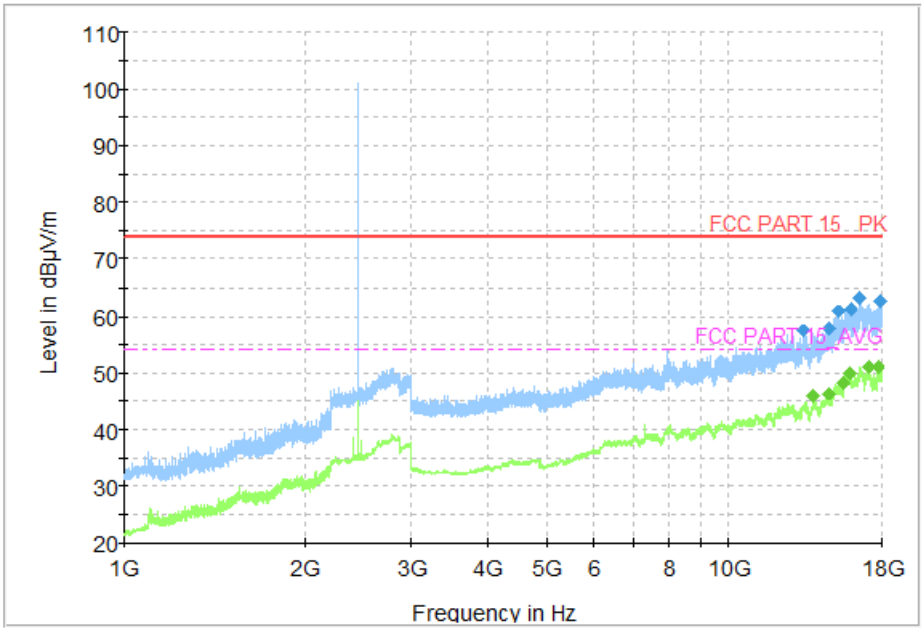

Fig. 61 Radiated Spurious Emission (π /4 DQPSK, Ch39, 1 GHz ~18 GHz)

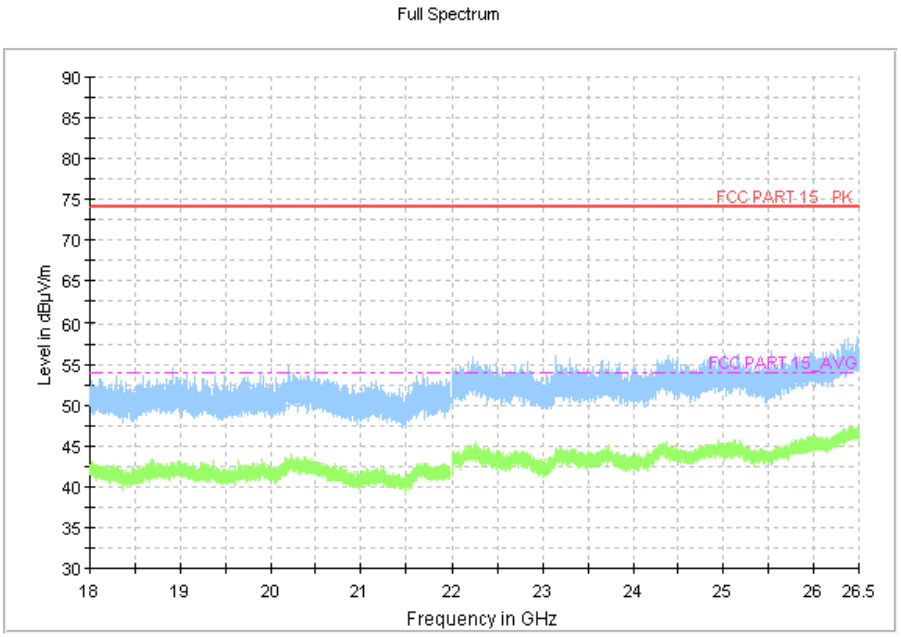

Fig. 62 Radiated Spurious Emission (π /4 DQPSK, Ch39, 18 GHz ~26.5 GHz)

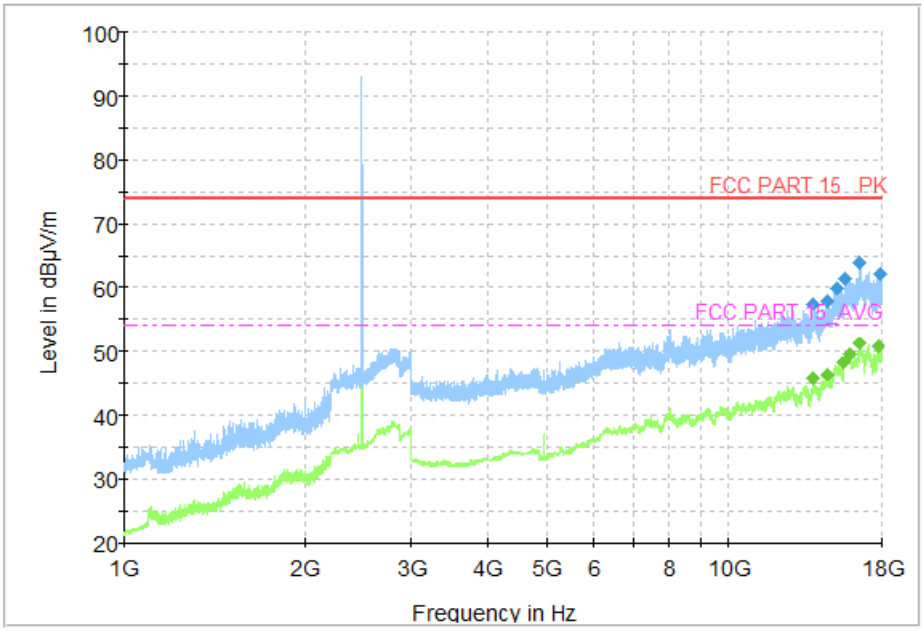

Fig. 63 Radiated Spurious Emission (π /4 DQPSK, Ch78, 1 GHz ~18 GHz)

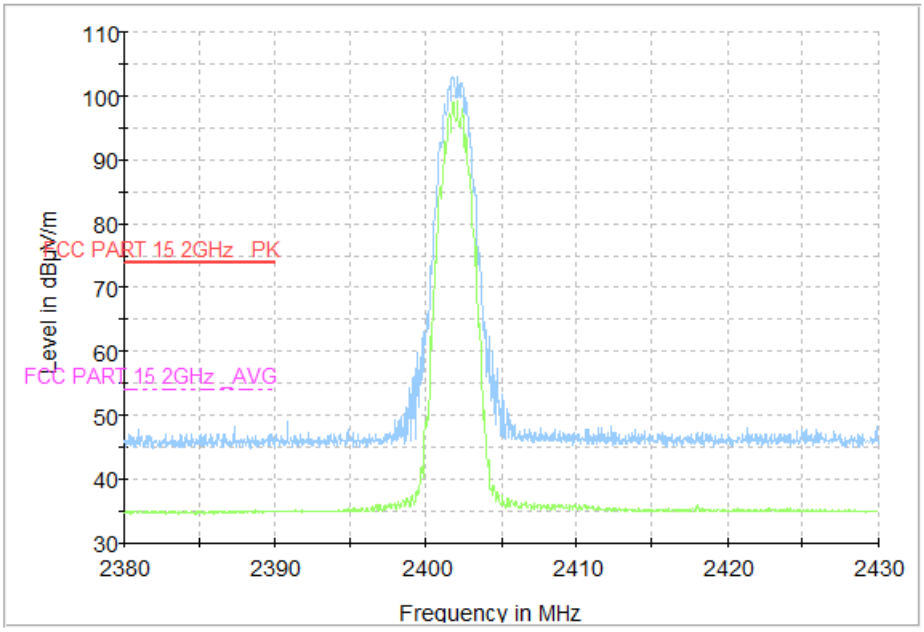

Fig. 64 Radiated Emission Power (π /4 DQPSK, Ch0, 2380GHz~2450GHz)

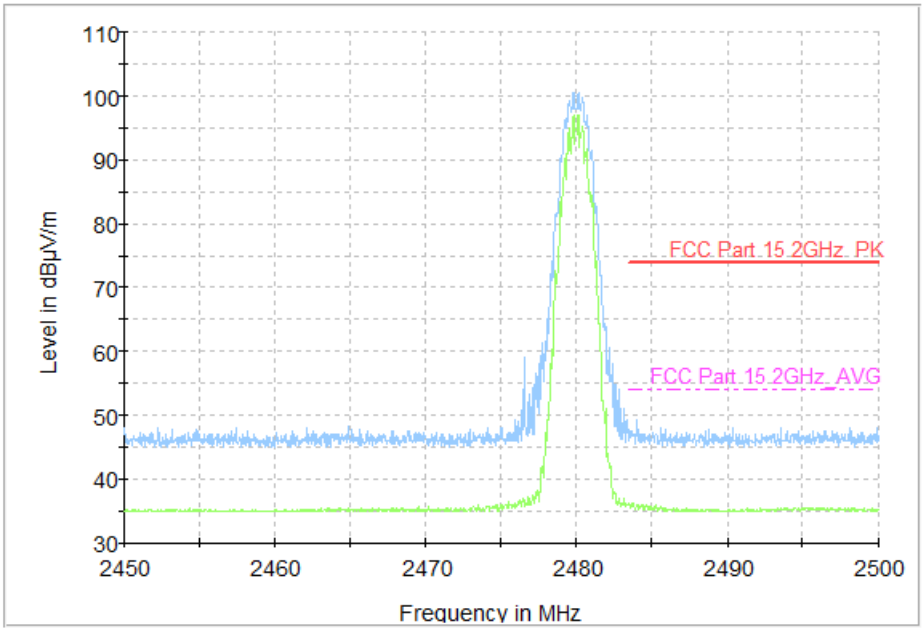

Fig. 65 Radiated Emission Power (π /4 DQPSK, Ch78, 2450GHz~2500GHz)

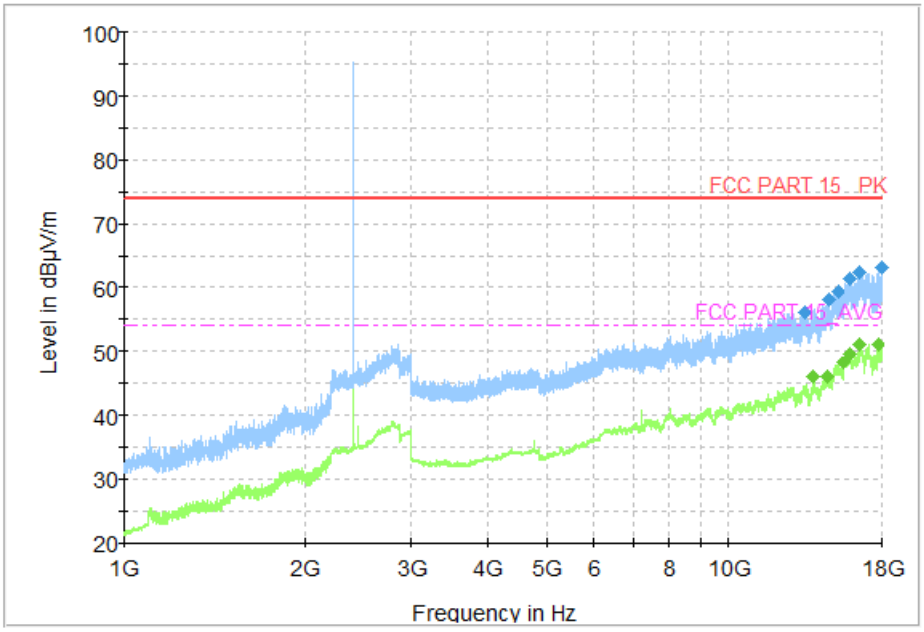

Fig. 66 Radiated Spurious Emission (8DPSK, Ch0, 1 GHz ~18 GHz)

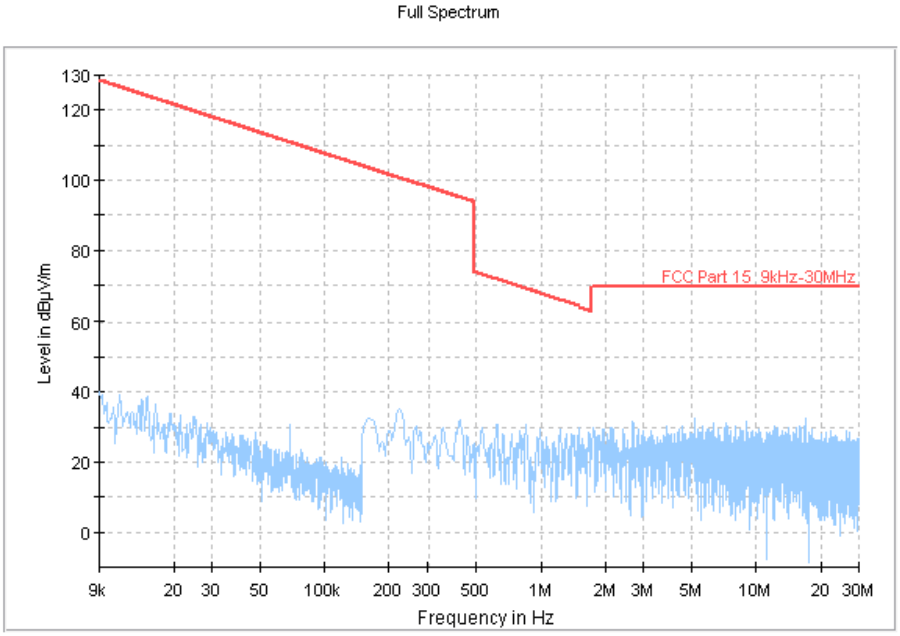

Fig. 67 Radiated Spurious Emission (8DPSK, Ch39, 9 kHz ~30 MHz)

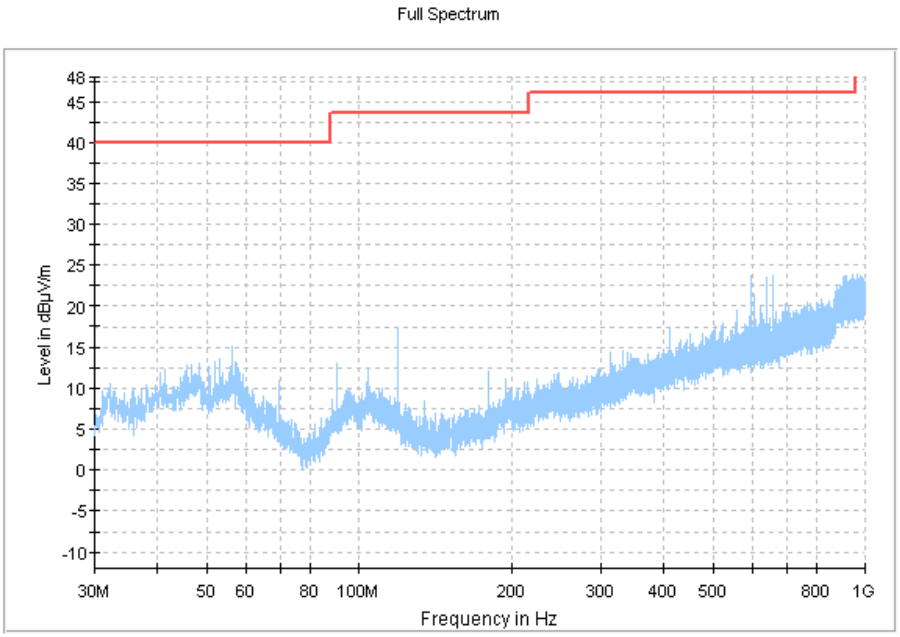

Fig. 68 Radiated Spurious Emission (8DPSK, Ch39, 30 MHz ~1 GHz)

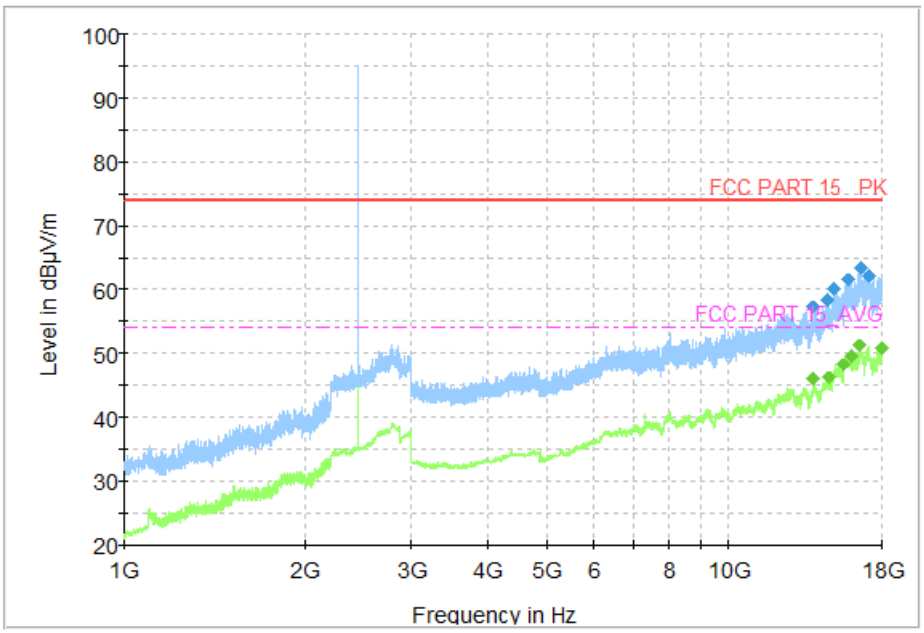

Fig. 69 Radiated Spurious Emission (8DPSK, Ch39, 1 GHz ~18 GHz)

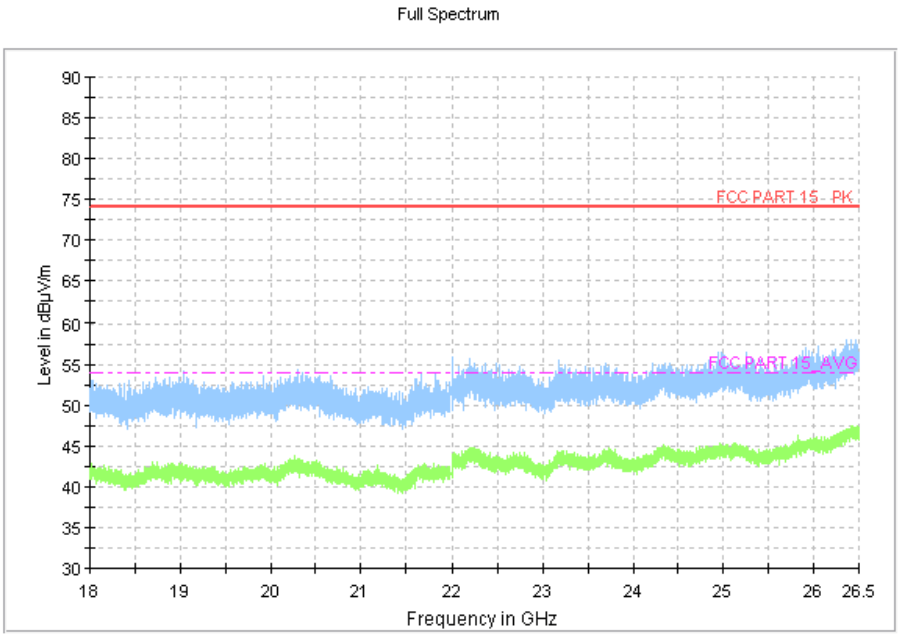

Fig. 70 Radiated Spurious Emission (8DPSK, Ch39, 18 GHz ~26.5 GHz)

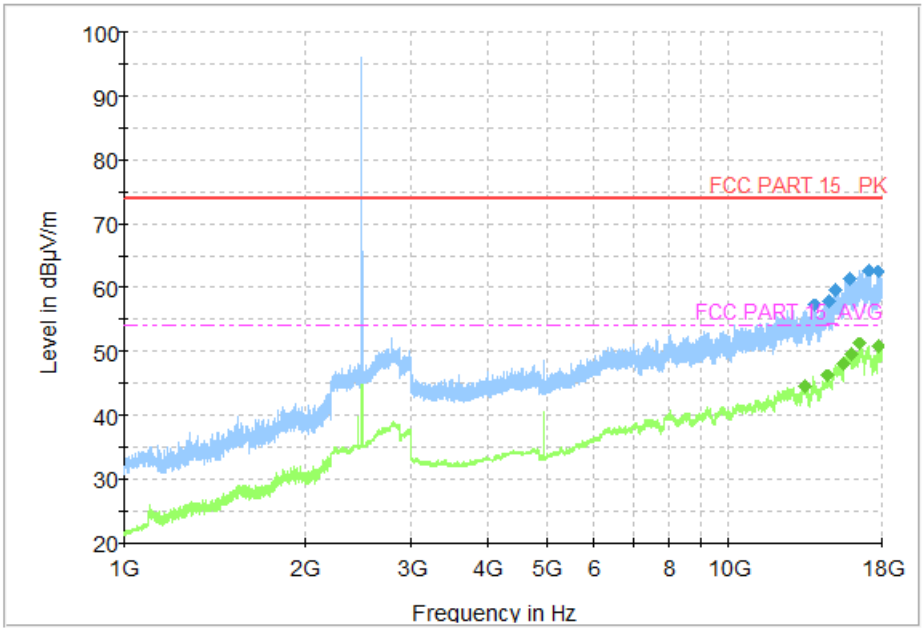

Fig. 71 Radiated Spurious Emission (8DPSK, Ch78, 1 GHz ~18 GHz)

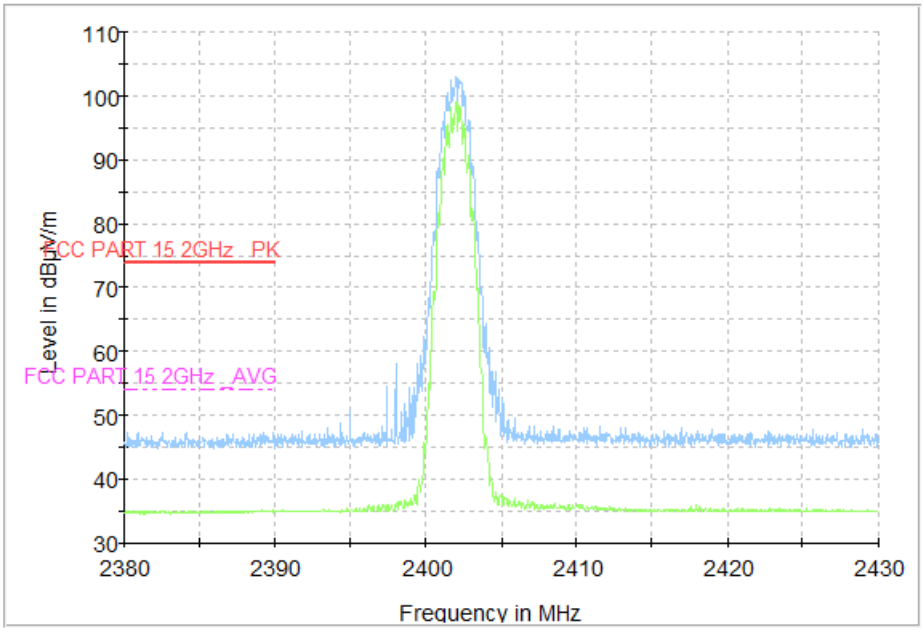

Fig. 72 Radiated Emission Power (8DPSK, Ch0, 2380GHz~2450GHz)

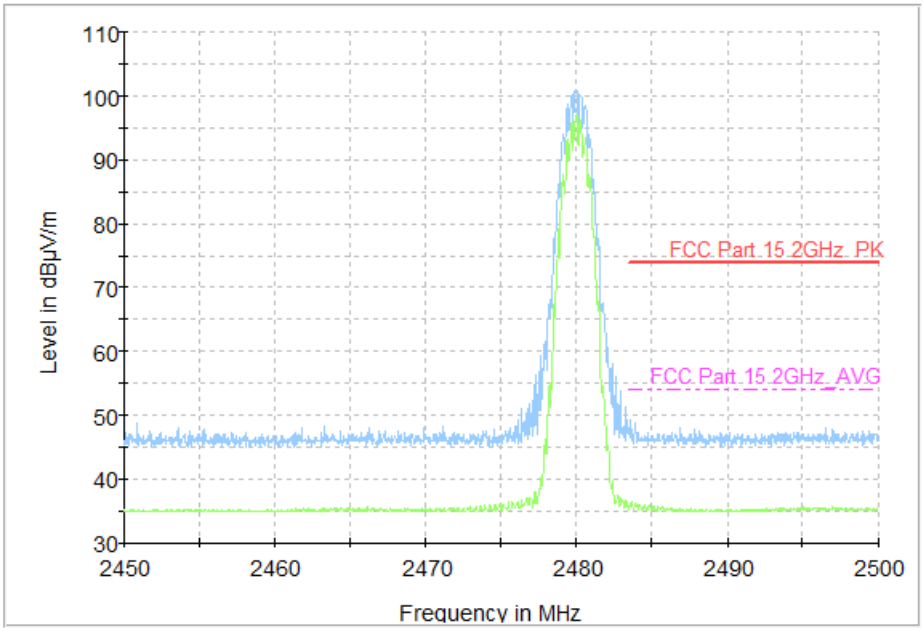

Fig. 73 Radiated Emission Power (8DPSK, Ch78, 2450GHz~2500GHz)

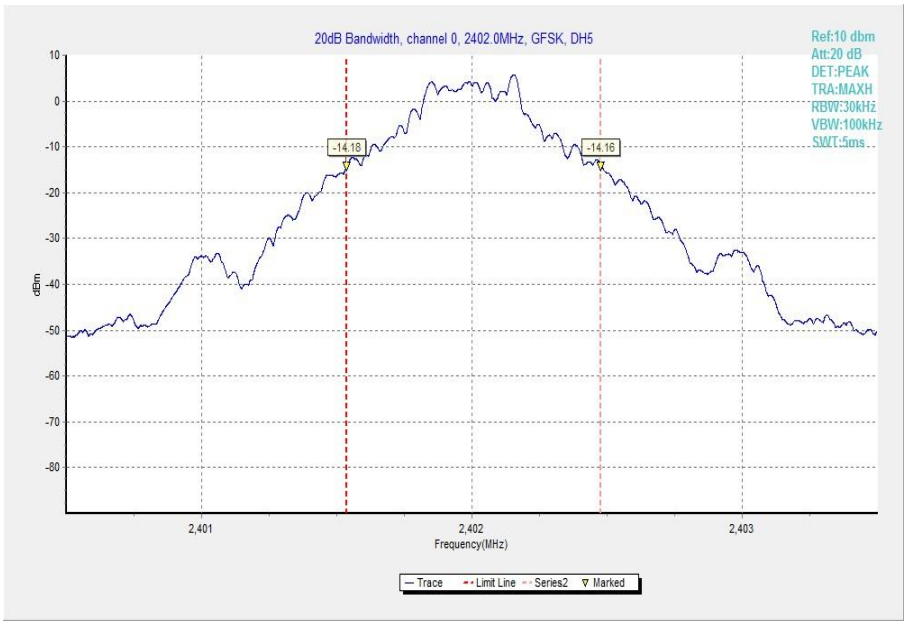

Fig. 74 Occupied 20dB Bandwidth (GFSK, Ch 0)

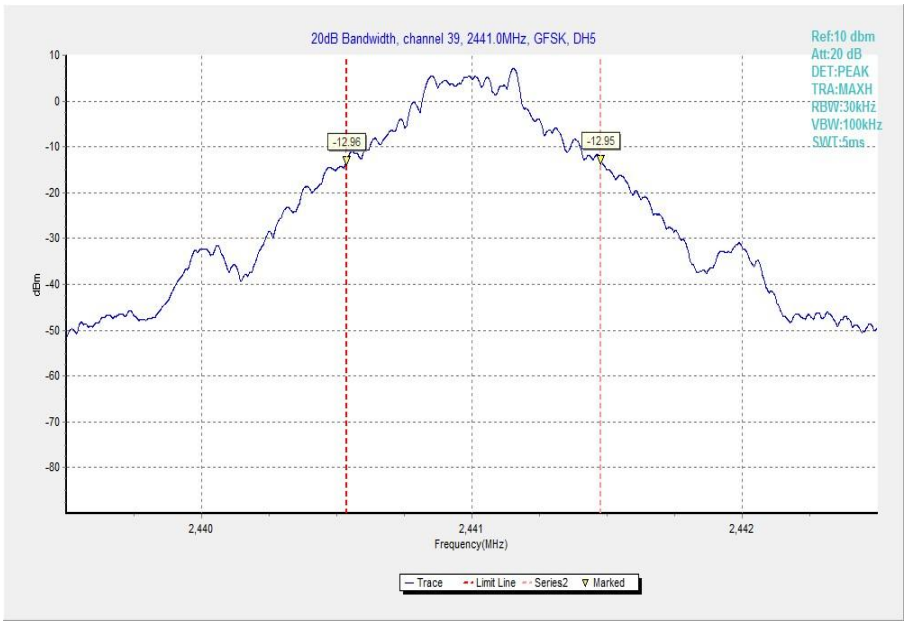

Fig. 75 Occupied 20dB Bandwidth (GFSK, Ch 39)

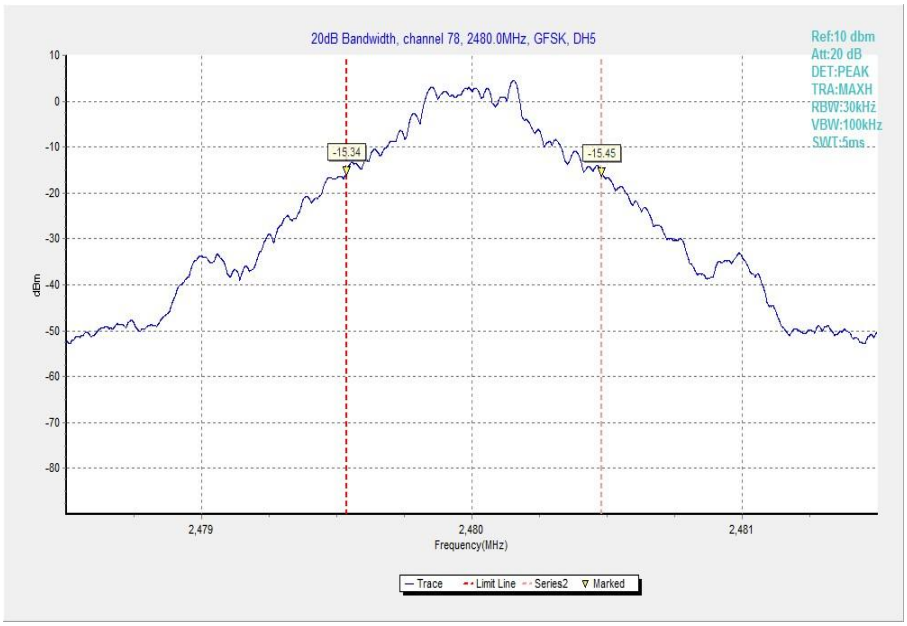

Fig. 76 Occupied 20dB Bandwidth (GFSK, Ch 78)

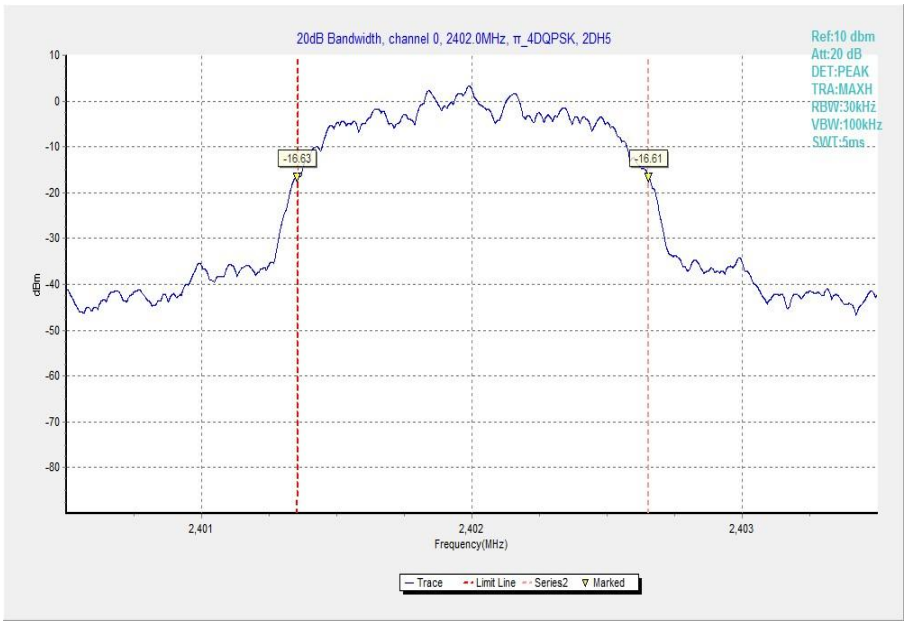

Fig. 77 Occupied 20dB Bandwidth (π /4 DQPSK, Ch 0)

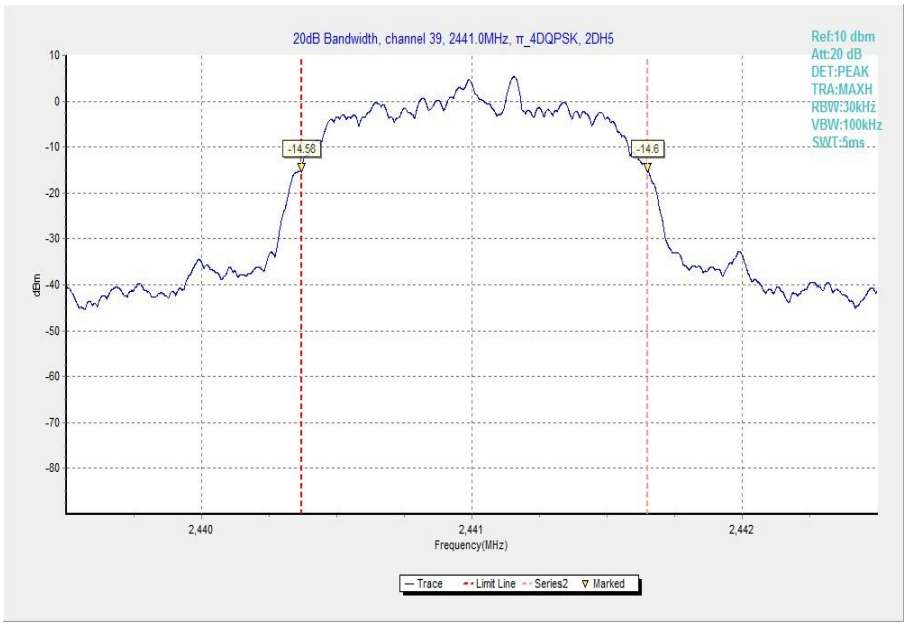

Fig. 78 Occupied 20dB Bandwidth (π /4 DQPSK, Ch 39)

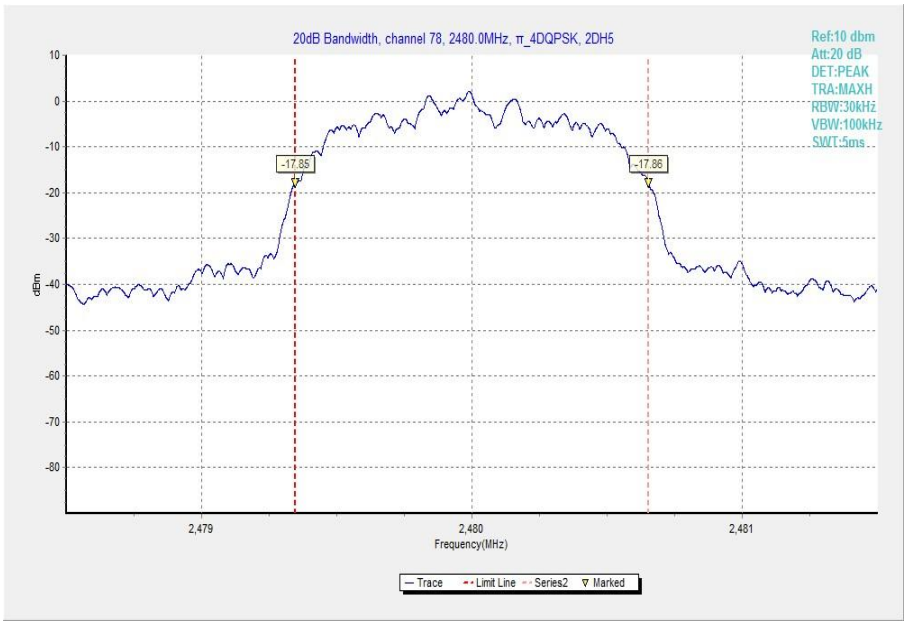

Fig. 79 Occupied 20dB Bandwidth (π /4 DQPSK, Ch 78)

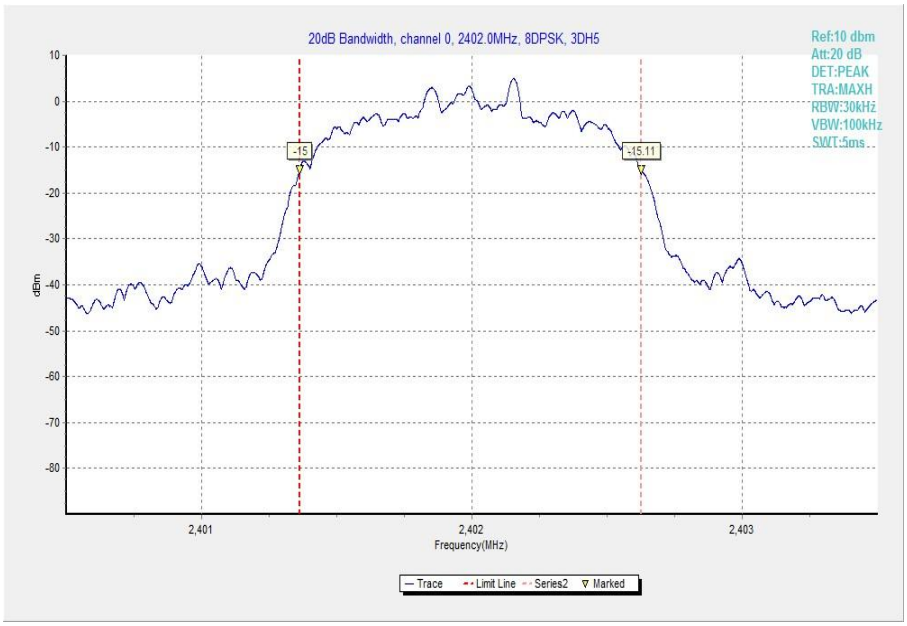

Fig. 80 Occupied 20dB Bandwidth (8DPSK, Ch 0)

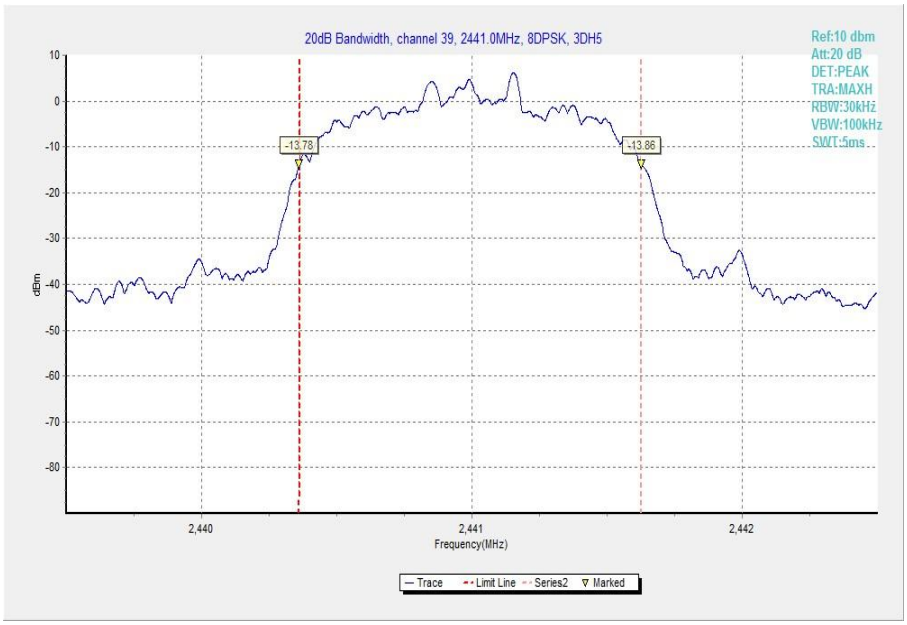

Fig. 81 Occupied 20dB Bandwidth (8DPSK, Ch 39)

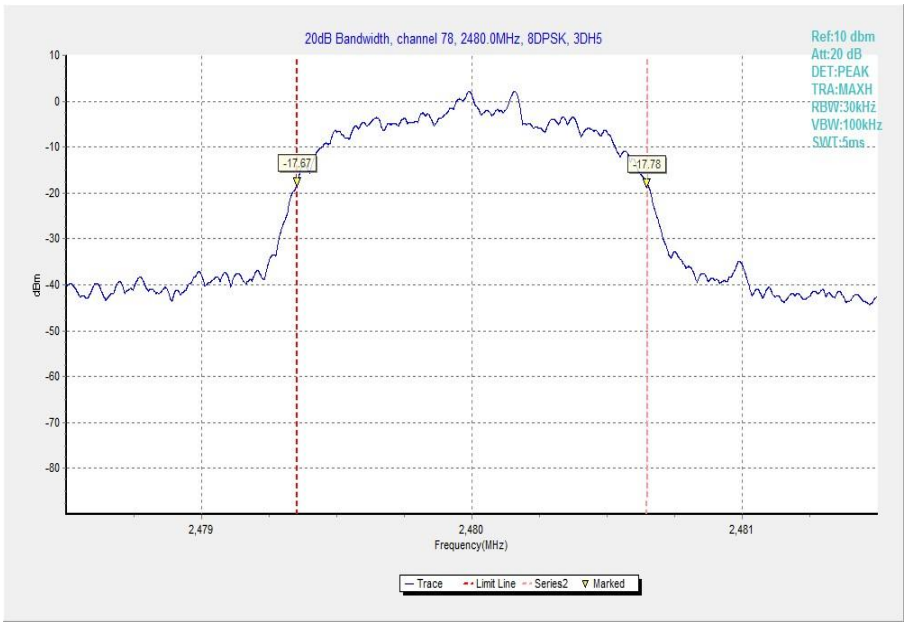

Fig. 82 Occupied 20dB Bandwidth (8DPSK, Ch 78)

Fig. 83 Time of Occupancy(Dwell Time) (GFSK, Ch39)

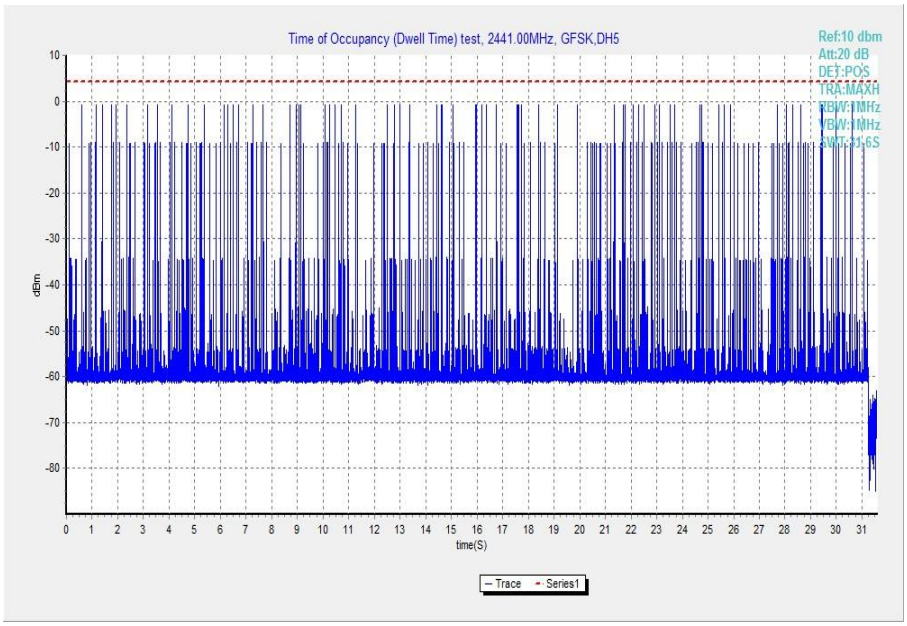

Fig. 84 Number of Transmissions (GFSK, Ch39)

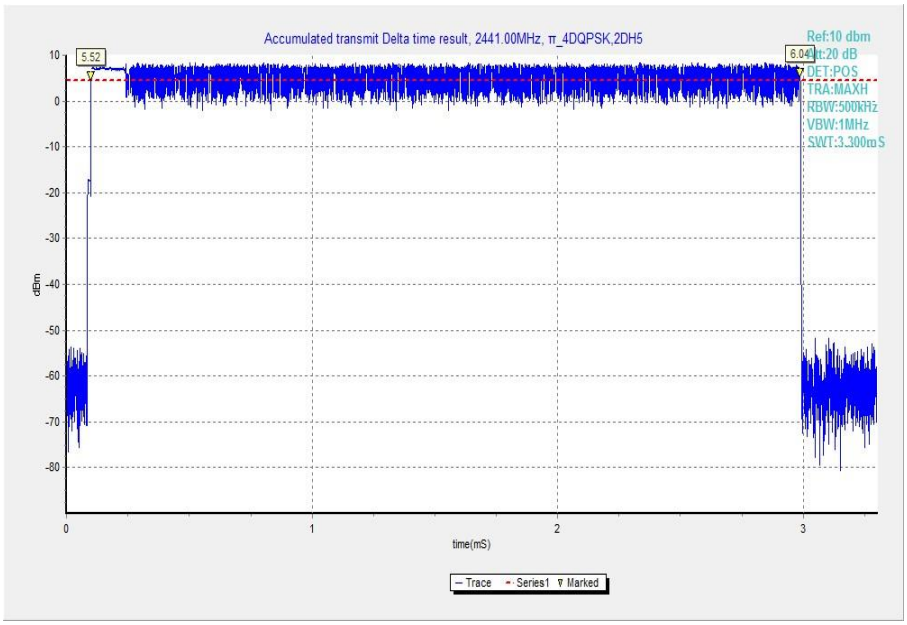

Fig. 85 Time of Occupancy(Dwell Time) (π /4 DQPSK, Ch39)

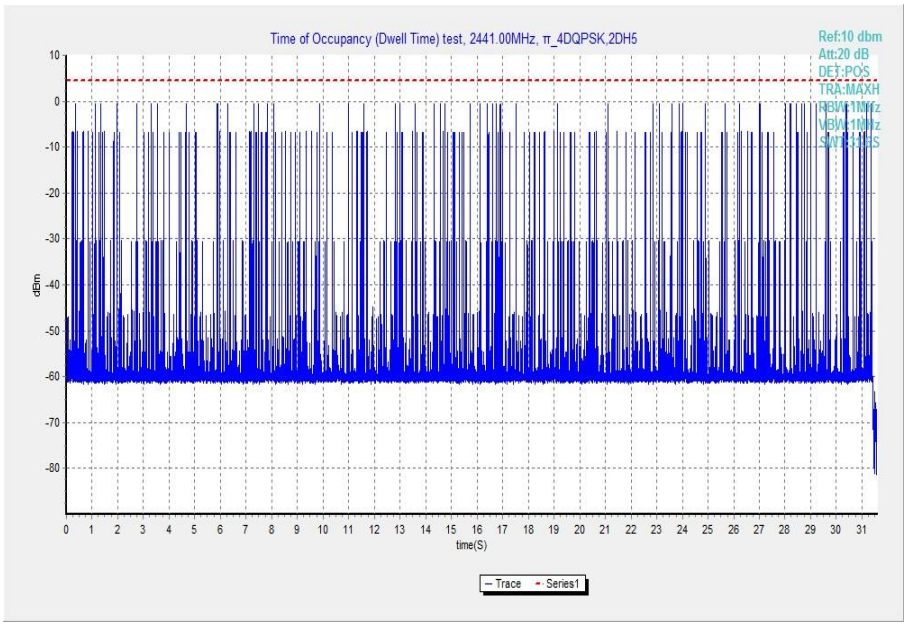

Fig. 86 Number of Transmissions (π /4 DQPSK, Ch39)

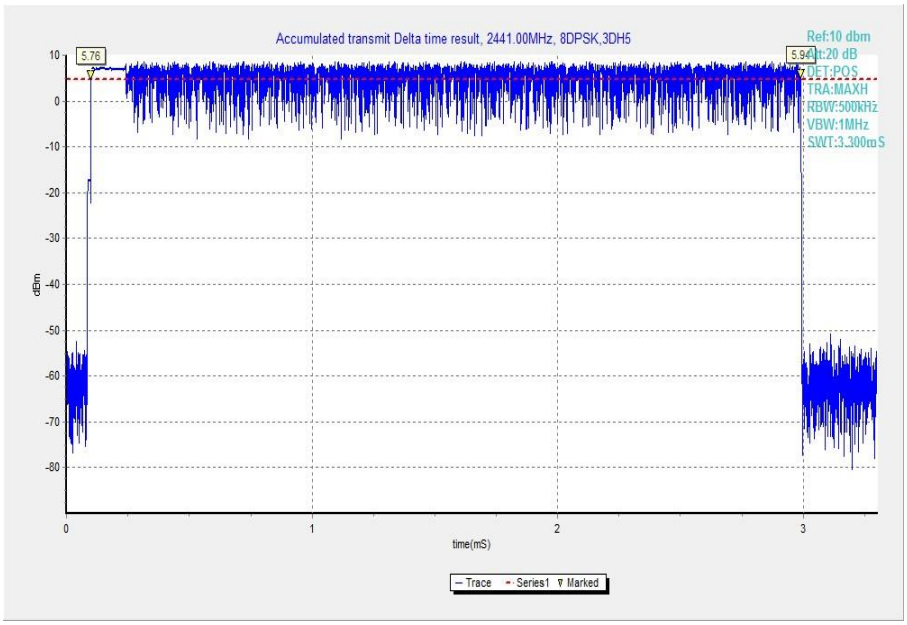

Fig. 87 Time of Occupancy(Dwell Time) (8DPSK, Ch39)

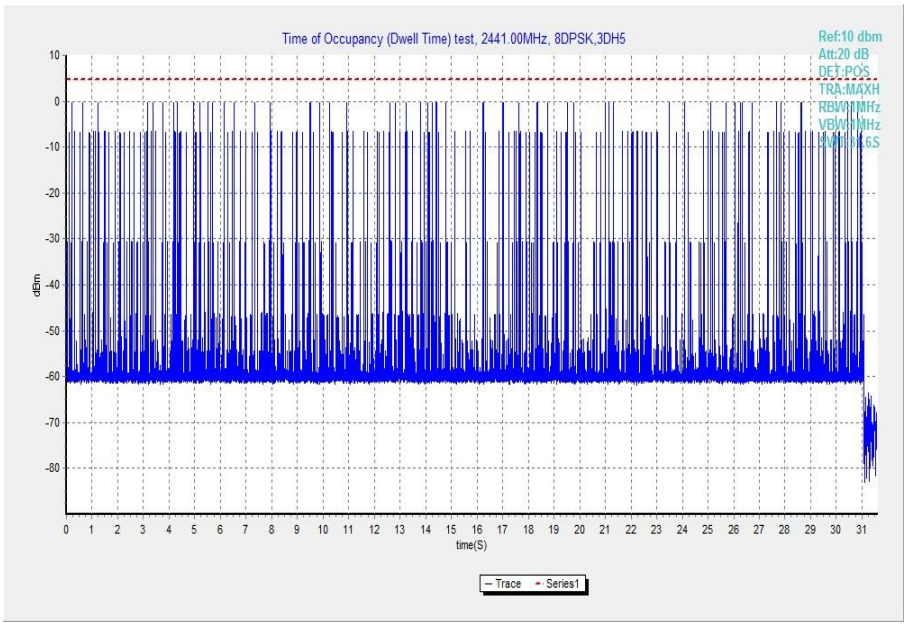

Fig. 88 Number of Transmissions (8DPSK, Ch39)

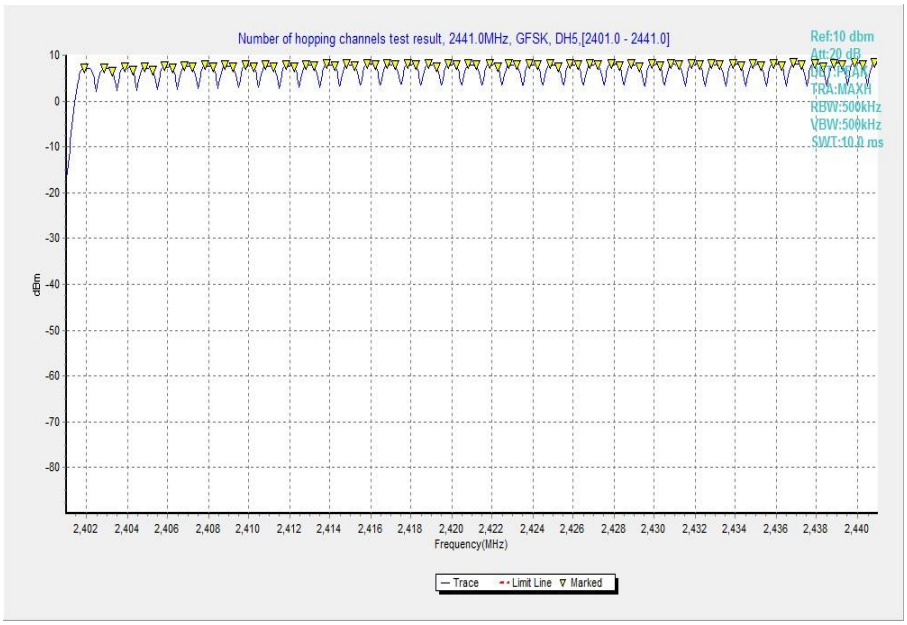

Fig. 89 Hopping channel ch0~39 (GFSK)

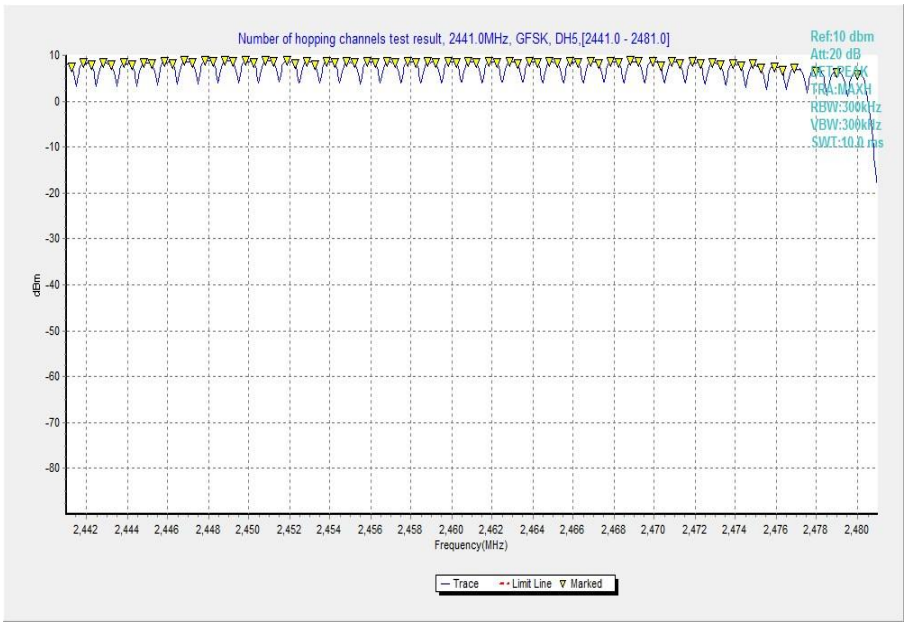

Fig. 90 Hopping channel ch39~78 (GFSK)

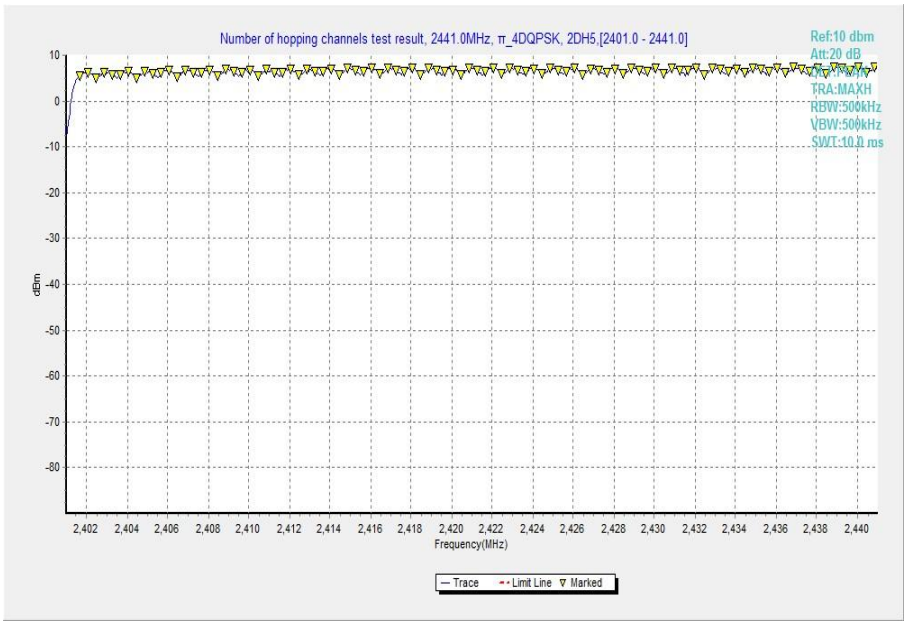

Fig. 91 Hopping channel ch0~39 (π /4 DQPSK)

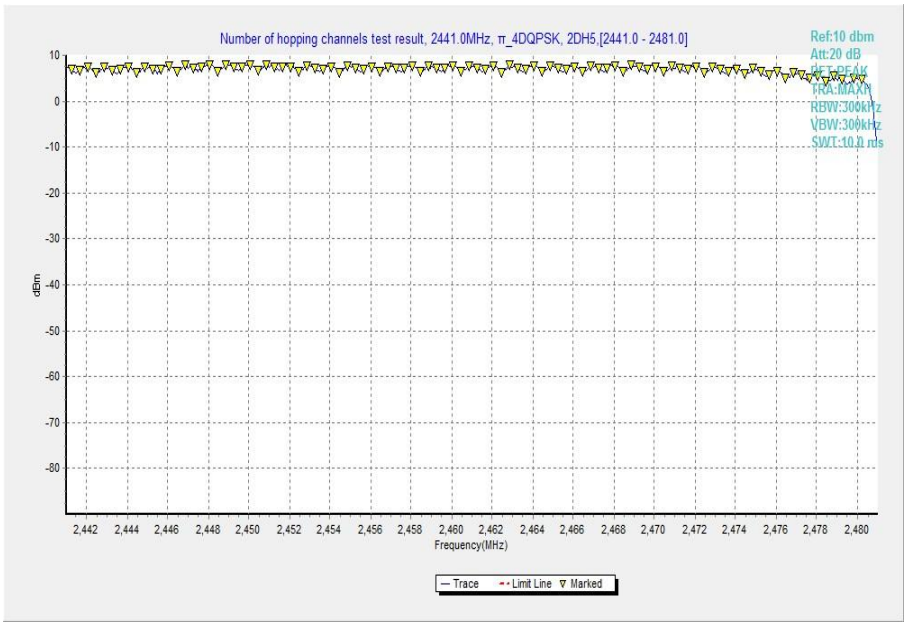

Fig. 92 Hopping channel ch39~78 (π /4 DQPSK)

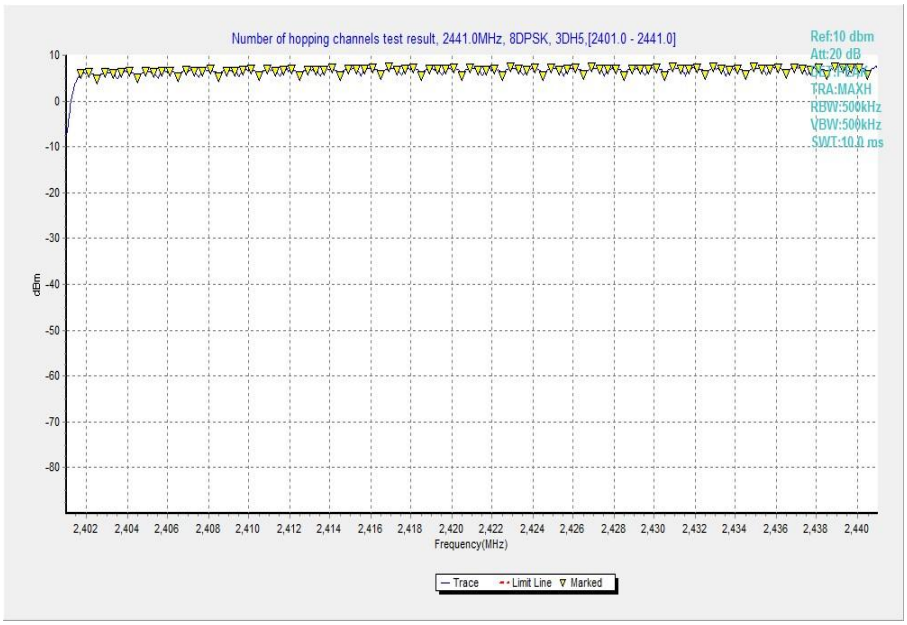

Fig. 93 Hopping channel ch0~39 (8DPSK)

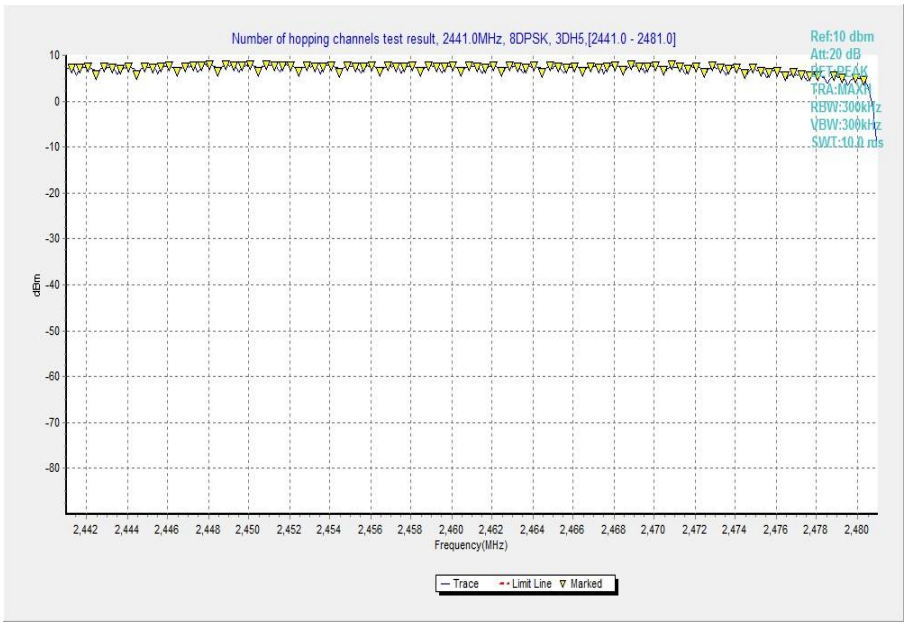

Fig. 94 Hopping channel ch39~78 (8DPSK)

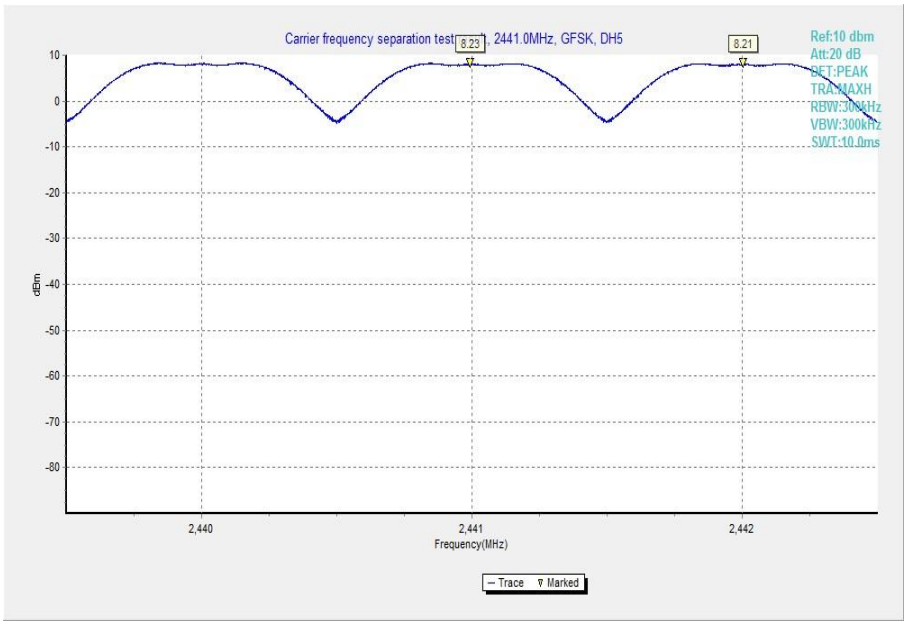

Fig. 95 Carrier Frequency Separation (GFSK, Ch39)

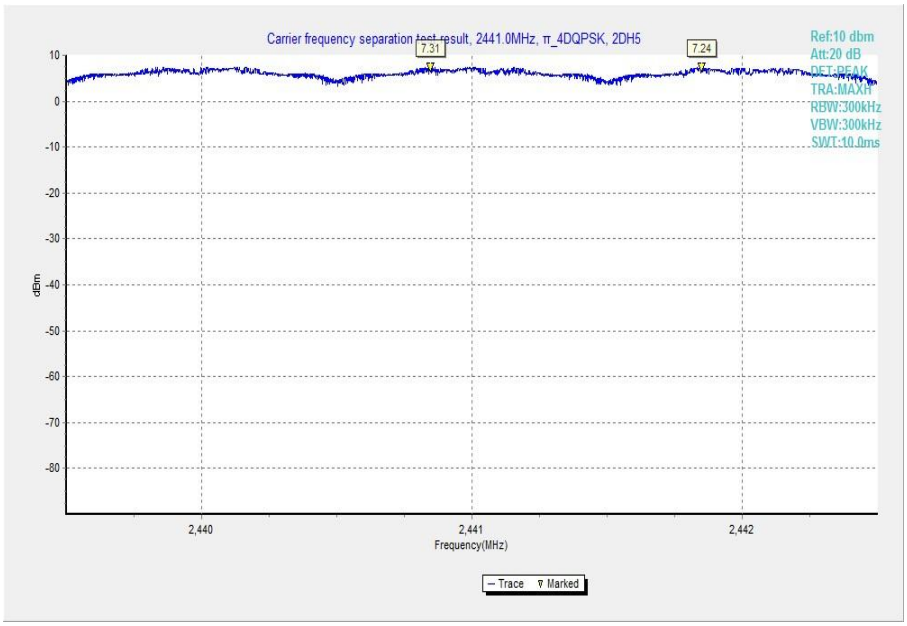

Fig. 96 Carrier Frequency Separation (π /4 DQPSK, Ch39)

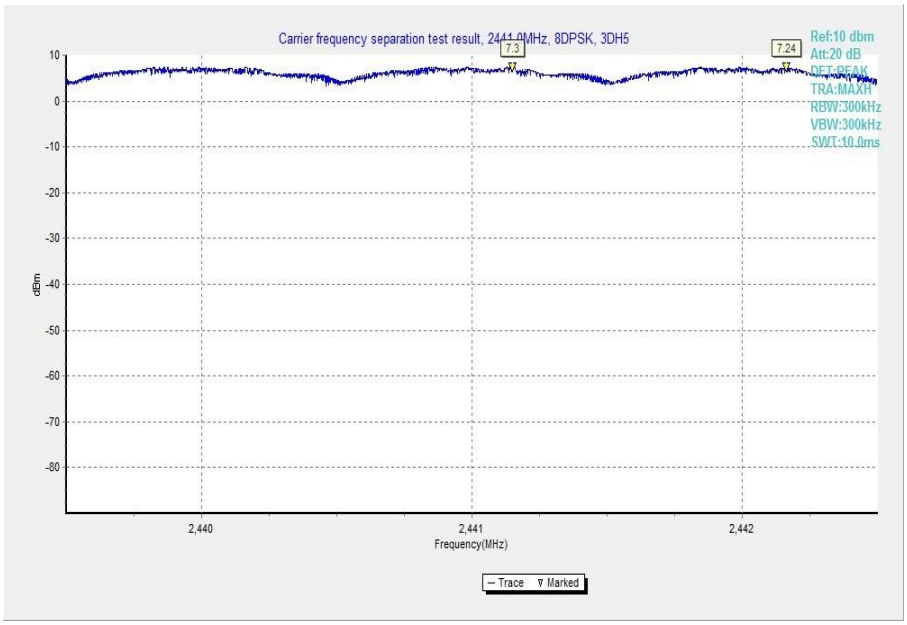

Fig. 97 Carrier Frequency Separation (8DPSK, Ch39)

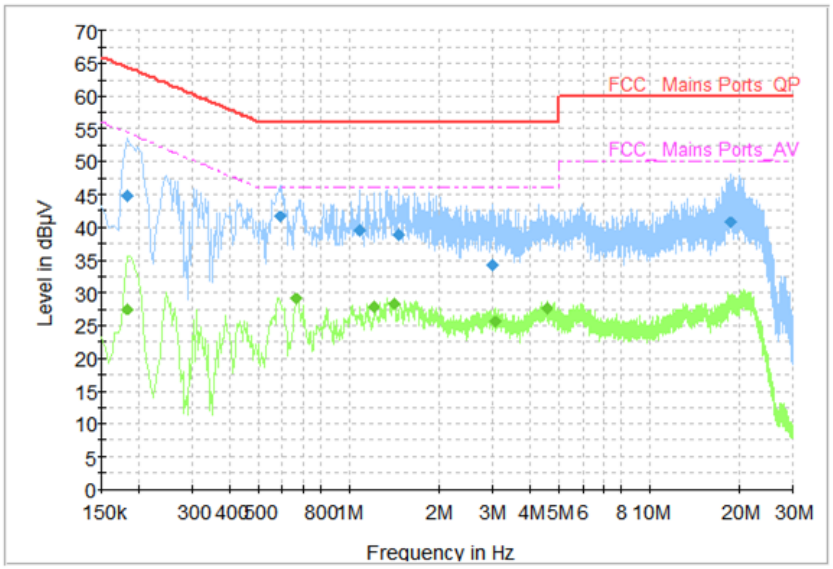

Fig. 98 AC Power line Conducted Emission (Traffic, AE1, 120V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.182000	44.80	64.39	19.59	N	ON	9.6
0.586000	41.61	56.00	14.39	L1	ON	9.7
1.082000	39.46	56.00	16.54	L1	ON	9.7
1.462000	38.83	56.00	17.17	L1	ON	9.7
3.002000	34.17	56.00	21.83	L1	ON	9.7
18.586000	40.80	60.00	19.20	L1	ON	10.2

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.182000	27.57	54.39	26.82	N	ON	9.6
0.666000	29.14	46.00	16.86	L1	ON	9.7
1.206000	27.83	46.00	18.17	L1	ON	9.7
1.410000	28.31	46.00	17.69	L1	ON	9.7
3.070000	25.65	46.00	20.35	L1	ON	9.7
4.530000	27.63	46.00	18.37	L1	ON	9.8

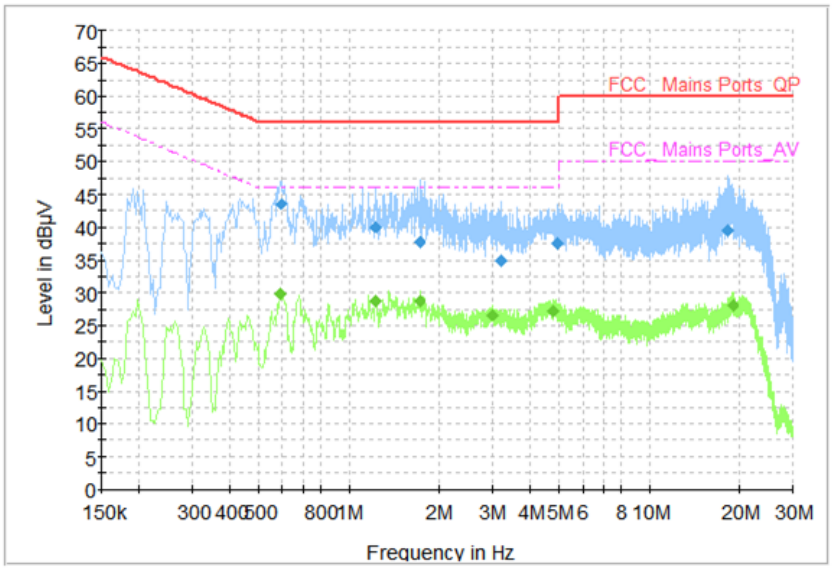

Fig. 99 AC Power line Conducted Emission (Idle, AE1, 120V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.590000	43.54	56.00	12.46	L1	ON	9.7
1.230000	40.10	56.00	15.90	L1	ON	9.7
1.710000	37.67	56.00	18.33	L1	ON	9.7
3.222000	34.92	56.00	21.08	L1	ON	9.7
4.902000	37.54	56.00	18.46	L1	ON	9.8
18.302000	39.42	60.00	20.58	L1	ON	10.1

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.586000	29.74	46.00	16.26	L1	ON	9.7
1.230000	28.72	46.00	17.28	L1	ON	9.7
1.710000	28.76	46.00	17.24	L1	ON	9.7
2.998000	26.57	46.00	19.43	L1	ON	9.7
4.814000	27.08	46.00	18.92	L1	ON	9.8
18.942000	27.96	50.00	22.04	L1	ON	10.2

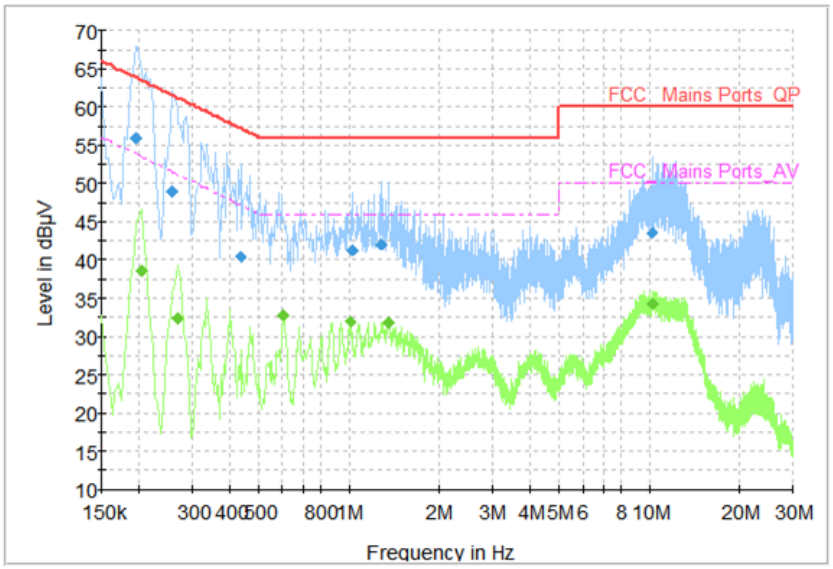

Fig. 100 AC Power line Conducted Emission (Traffic, AE2, 120V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.194000	55.94	63.86	7.93	N	ON	9.6
0.258000	49.06	61.50	12.44	N	ON	9.6
0.434000	40.38	57.18	16.80	N	ON	9.7
1.022000	41.31	56.00	14.69	L1	ON	9.7
1.282000	42.03	56.00	13.97	L1	ON	9.7
10.166000	43.60	60.00	16.40	L1	ON	9.8

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.202000	38.63	53.53	14.90	N	ON	9.6
0.266000	32.37	51.24	18.87	N	ON	9.6
0.602000	32.80	46.00	13.20	N	ON	9.7
1.010000	31.87	46.00	14.13	L1	ON	9.7
1.350000	31.74	46.00	14.26	L1	ON	9.7
10.302000	34.34	50.00	15.66	L1	ON	9.9

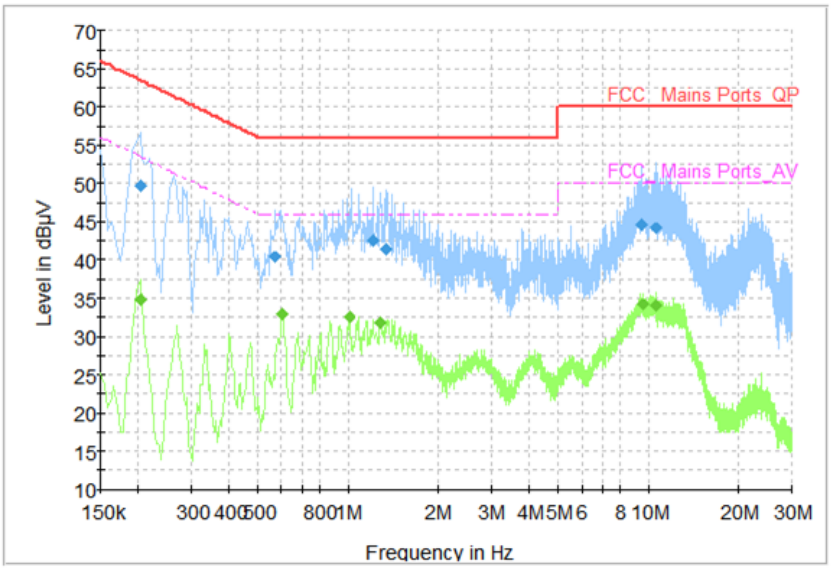

Fig. 101 AC Power line Conducted Emission (Idle, AE2, 120V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.202000	49.68	63.53	13.84	N	ON	9.6
0.570000	40.33	56.00	15.67	L1	ON	9.7
1.214000	42.56	56.00	13.44	L1	ON	9.7
1.342000	41.47	56.00	14.53	L1	ON	9.7
9.514000	44.65	60.00	15.35	L1	ON	9.8
10.554000	44.12	60.00	15.88	L1	ON	9.9

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.202000	34.82	53.53	18.71	N	ON	9.6
0.602000	32.96	46.00	13.04	N	ON	9.7
1.006000	32.53	46.00	13.47	L1	ON	9.7
1.282000	31.77	46.00	14.23	L1	ON	9.7
9.586000	34.25	50.00	15.75	L1	ON	9.8
10.554000	34.02	50.00	15.98	L1	ON	9.9

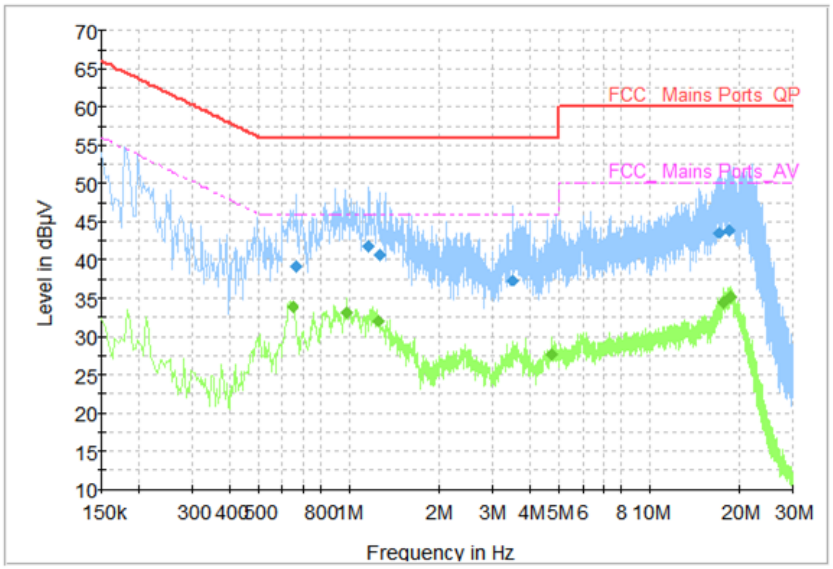

Fig. 102 AC Power line Conducted Emission (Traffic, AE3, 120V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.666000	39.13	56.00	16.87	L1	ON	9.7
1.166000	41.78	56.00	14.22	L1	ON	9.7
1.266000	40.64	56.00	15.36	L1	ON	9.7
3.518000	37.40	56.00	18.60	L1	ON	9.7
16.962000	43.60	60.00	16.40	L1	ON	10.2
18.350000	43.84	60.00	16.16	L1	ON	10.1

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.650000	33.86	46.00	12.14	L1	ON	9.7
0.982000	33.11	46.00	12.89	L1	ON	9.7
1.250000	32.12	46.00	13.88	L1	ON	9.7
4.714000	27.63	46.00	18.37	L1	ON	9.8
17.614000	34.50	50.00	15.50	L1	ON	10.1
18.522000	35.26	50.00	14.74	L1	ON	10.1

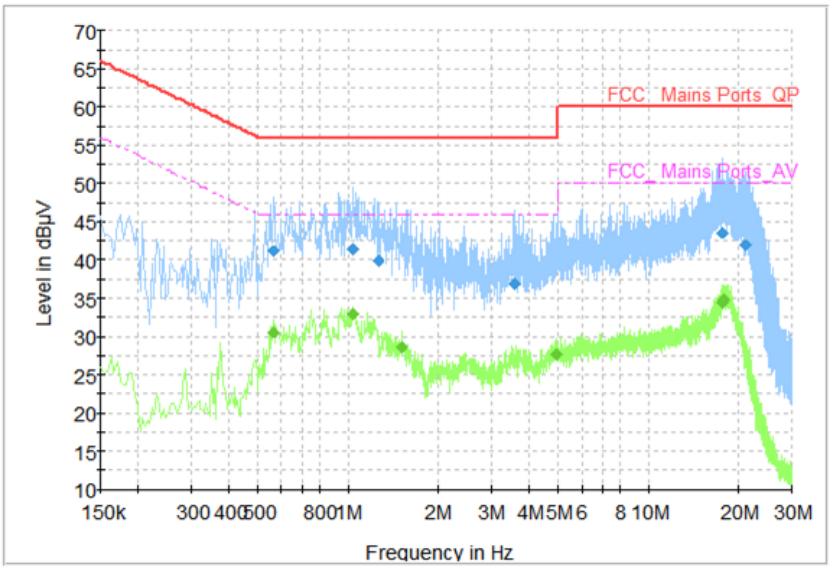

Fig. 103 AC Power line Conducted Emission (Idle, AE3, 120V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.562000	41.16	56.00	14.84	L1	ON	9.7
1.038000	41.51	56.00	14.49	L1	ON	9.7
1.262000	39.94	56.00	16.06	L1	ON	9.7
3.586000	36.85	56.00	19.15	L1	ON	9.7
17.554000	43.53	60.00	16.47	L1	ON	10.1
20.974000	41.96	60.00	18.04	L1	ON	10.1

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.562000	30.57	46.00	15.43	L1	ON	9.7
1.038000	32.90	46.00	13.10	L1	ON	9.7
1.506000	28.63	46.00	17.37	L1	ON	9.7
4.918000	27.61	46.00	18.39	L1	ON	9.8
17.554000	34.43	50.00	15.57	L1	ON	10.1
17.850000	34.79	50.00	15.21	L1	ON	10.1

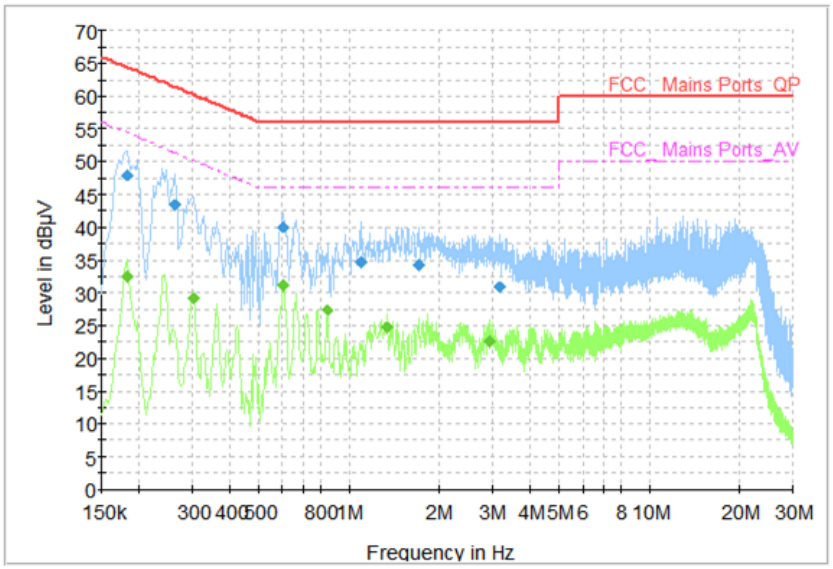

Fig. 104 AC Power line Conducted Emission (Traffic, AE1, 240V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.182000	47.96	64.39	16.43	L1	ON	9.7
0.262000	43.45	61.37	17.92	L1	ON	9.7
0.602000	39.98	56.00	16.02	L1	ON	9.7
1.090000	34.66	56.00	21.34	L1	ON	9.7
1.694000	34.21	56.00	21.79	L1	ON	9.7
3.162000	30.88	56.00	25.12	L1	ON	9.7

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.182000	32.38	54.39	22.01	L1	ON	9.7
0.302000	29.14	50.19	21.04	L1	ON	9.7
0.602000	31.16	46.00	14.84	L1	ON	9.7
0.846000	27.26	46.00	18.74	L1	ON	9.7
1.338000	24.72	46.00	21.28	L1	ON	9.7
2.938000	22.66	46.00	23.34	L1	ON	9.7

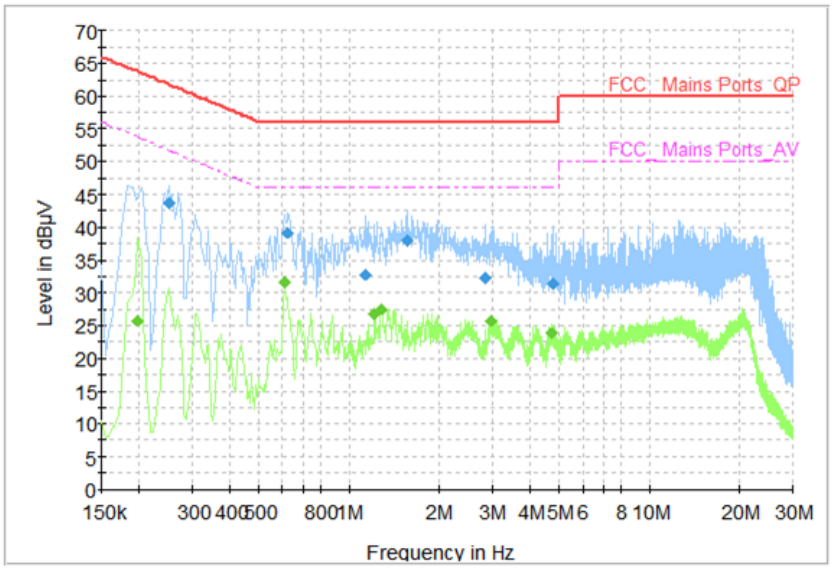

Fig. 105 AC Power line Conducted Emission (Idle, AE1, 240V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.250000	43.73	61.76	18.03	L1	ON	9.7
0.626000	39.21	56.00	16.79	L1	ON	9.7
1.126000	32.73	56.00	23.27	L1	ON	9.7
1.550000	37.95	56.00	18.05	L1	ON	9.7
2.854000	32.25	56.00	23.75	L1	ON	9.7
4.786000	31.40	56.00	24.60	L1	ON	9.8

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.198000	25.77	53.69	27.92	L1	ON	9.7
0.606000	31.58	46.00	14.42	L1	ON	9.7
1.218000	26.85	46.00	19.15	L1	ON	9.7
1.282000	27.51	46.00	18.49	L1	ON	9.7
2.966000	25.79	46.00	20.21	L1	ON	9.7
4.714000	23.78	46.00	22.22	L1	ON	9.8

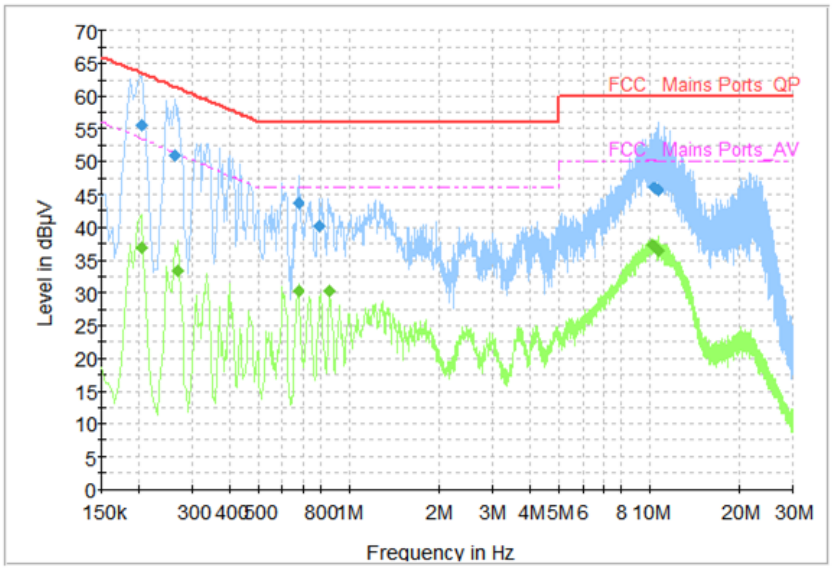

Fig. 106 AC Power line Conducted Emission (Traffic, AE2, 240V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.202000	55.61	63.53	7.92	L1	ON	9.7
0.262000	51.02	61.37	10.35	L1	ON	9.7
0.678000	43.66	56.00	12.34	L1	ON	9.7
0.794000	40.22	56.00	15.78	L1	ON	9.7
10.370000	46.08	60.00	13.92	L1	ON	9.9
10.606000	45.72	60.00	14.28	L1	ON	9.9

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.202000	36.91	53.53	16.62	L1	ON	9.7
0.270000	33.34	51.12	17.78	L1	ON	9.7
0.678000	30.39	46.00	15.61	L1	ON	9.7
0.862000	30.29	46.00	15.71	L1	ON	9.7
10.274000	37.24	50.00	12.76	L1	ON	9.9
10.742000	36.29	50.00	13.71	L1	ON	9.9

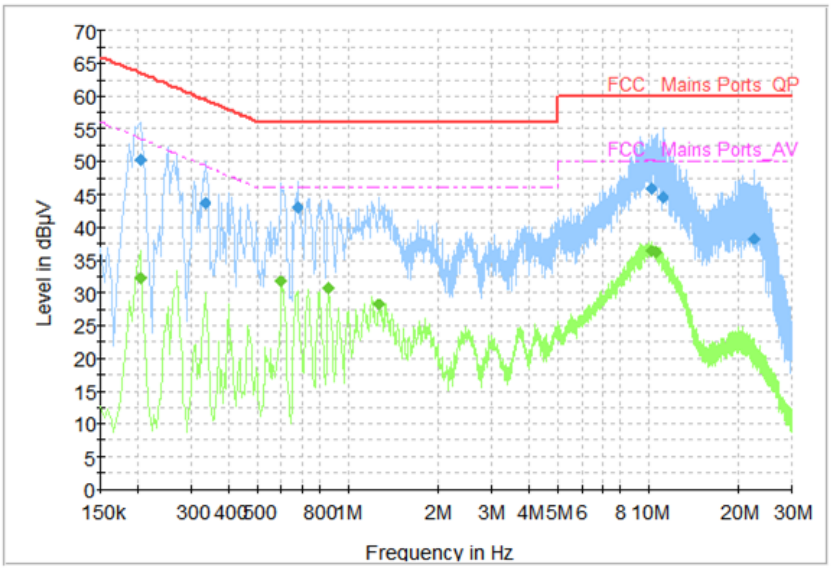

Fig. 107 AC Power line Conducted Emission (Idle, AE2, 240V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.202000	50.31	63.53	13.22	L1	ON	9.7
0.334000	43.70	59.35	15.65	L1	ON	9.7
0.678000	42.96	56.00	13.04	L1	ON	9.7
10.186000	45.80	60.00	14.20	L1	ON	9.9
11.090000	44.64	60.00	15.36	L1	ON	9.9
22.366000	38.29	60.00	21.71	L1	ON	10.1

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.202000	32.34	53.53	21.19	L1	ON	9.7
0.598000	31.80	46.00	14.20	L1	ON	9.7
0.862000	30.61	46.00	15.39	L1	ON	9.7
1.266000	28.16	46.00	17.84	L1	ON	9.7
10.266000	36.34	50.00	13.66	L1	ON	9.9
10.542000	36.18	50.00	13.82	L1	ON	9.9

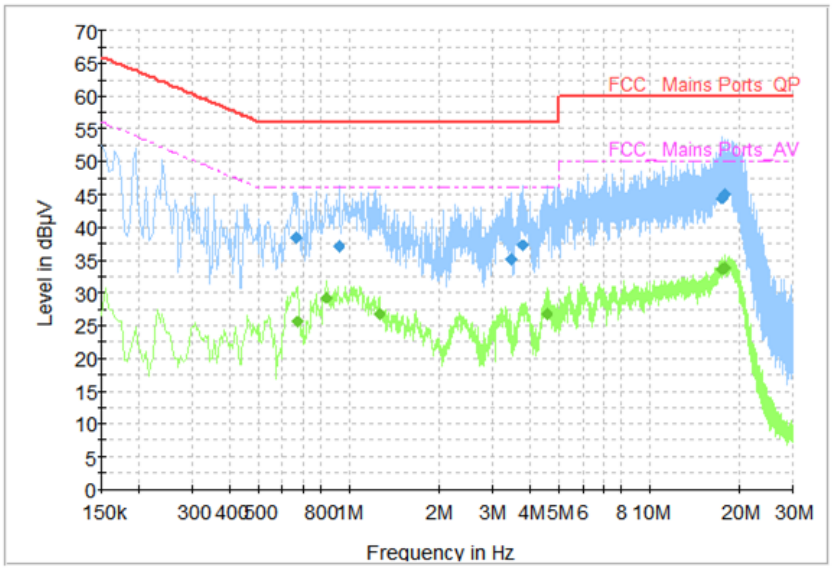

Fig. 108 AC Power line Conducted Emission (Traffic, AE3, 240V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.666000	38.48	56.00	17.52	L1	ON	9.7
0.926000	37.02	56.00	18.98	L1	ON	9.7
3.458000	35.13	56.00	20.87	L1	ON	9.7
3.774000	37.15	56.00	18.85	L1	ON	9.7
17.466000	44.35	60.00	15.65	L1	ON	10.1
17.742000	44.88	60.00	15.12	L1	ON	10.1

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.670000	25.49	46.00	20.51	L1	ON	9.7
0.838000	29.25	46.00	16.75	L1	ON	9.7
1.254000	26.74	46.00	19.26	L1	ON	9.7
4.546000	26.86	46.00	19.14	L1	ON	9.8
17.466000	33.75	50.00	16.25	L1	ON	10.1
17.762000	33.88	50.00	16.12	L1	ON	10.1

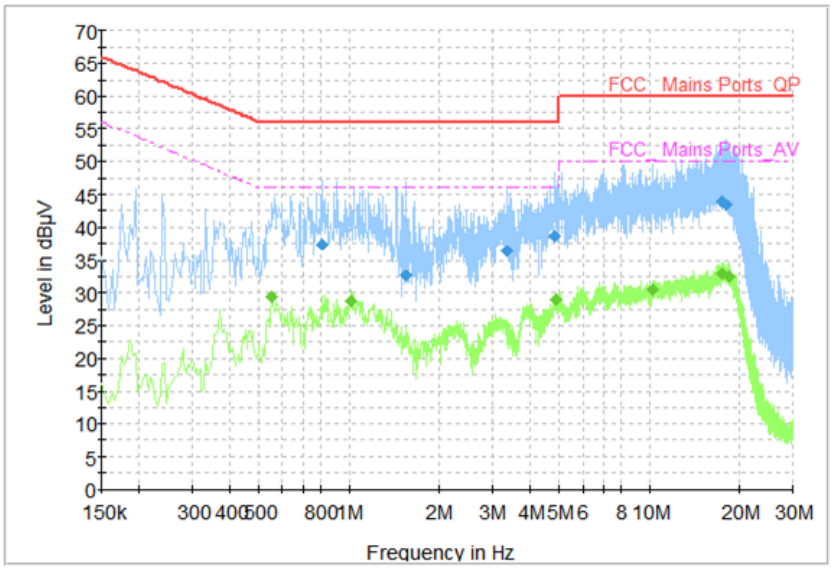

Fig. 109 AC Power line Conducted Emission (Idle, AE3, 240V)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.818000	37.42	56.00	18.58	L1	ON	9.7
1.538000	32.55	56.00	23.45	L1	ON	9.7
3.354000	36.35	56.00	19.65	L1	ON	9.7
4.842000	38.68	56.00	17.32	L1	ON	9.8
17.270000	43.88	60.00	16.12	L1	ON	10.1
18.010000	43.46	60.00	16.54	L1	ON	10.1

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.554000	29.42	46.00	16.58	L1	ON	9.7
1.018000	28.72	46.00	17.28	L1	ON	9.7
4.874000	28.86	46.00	17.14	L1	ON	9.8
10.310000	30.43	50.00	19.57	L1	ON	9.9
17.290000	32.99	50.00	17.01	L1	ON	10.1
18.470000	32.45	50.00	17.55	L1	ON	10.1

ANNEX C: Persons involved in this testing

Test Name	Tester
Maximum Peak Output Power	Lin Kanfeng, Tang Weisheng
Band Edges Compliance	Lin Kanfeng, Tang Weisheng
Conducted Spurious Emission	Lin Kanfeng, Tang Weisheng
Radiated Spurious Emission	Lin Kanfeng, Tang Weisheng
Occupied 20dB bandwidth	Lin Kanfeng, Tang Weisheng
Time of Occupancy(Dwell Time)	Lin Kanfeng, Tang Weisheng
Number of Hopping Channel	Lin Kanfeng, Tang Weisheng
Carrier Frequency Separation	Lin Kanfeng, Tang Weisheng
AC Powerline Conducted Emission	Lin Kanfeng, Tang Weisheng

*****END OF REPORT*****