

Fig. 37 Conducted Spurious Emission (8DPSK, Ch0, 2.402GHz)

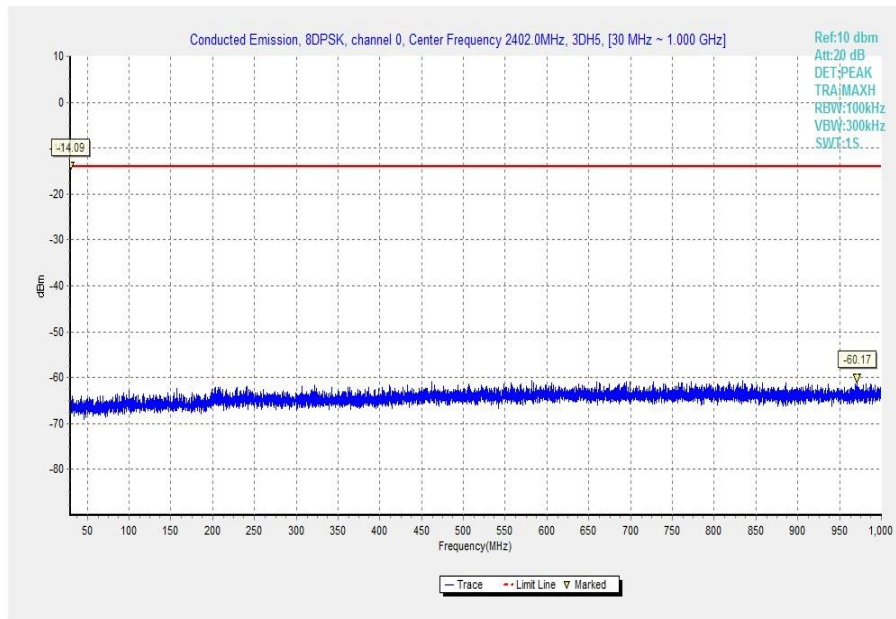


Fig. 38 Conducted Spurious Emission (8DPSK, Ch0, 30 MHz-1 GHz)

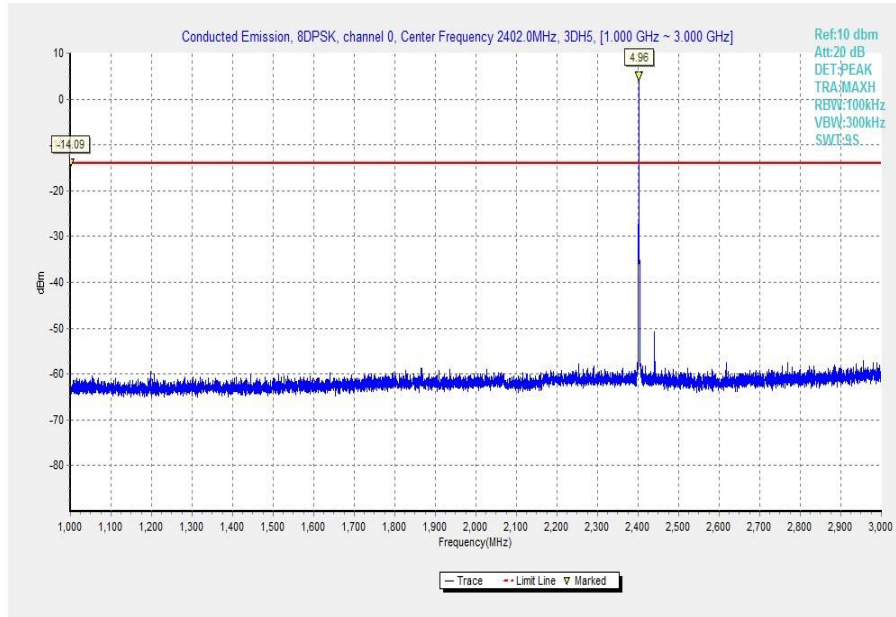


Fig. 39 Conducted Spurious Emission (8DPSK, Ch0, 1GHz-3 GHz)

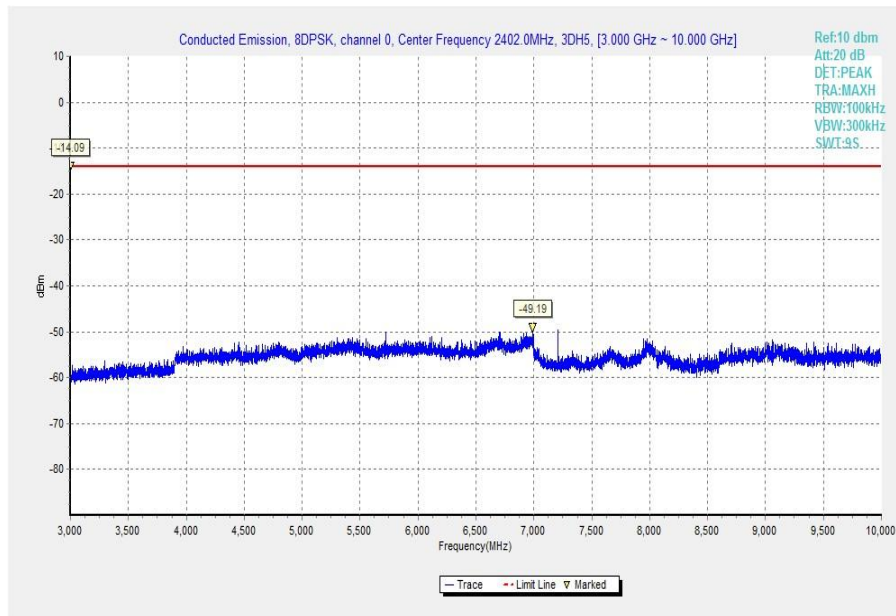


Fig. 40 Conducted Spurious Emission (8DPSK, Ch0, 3GHz-10 GHz)

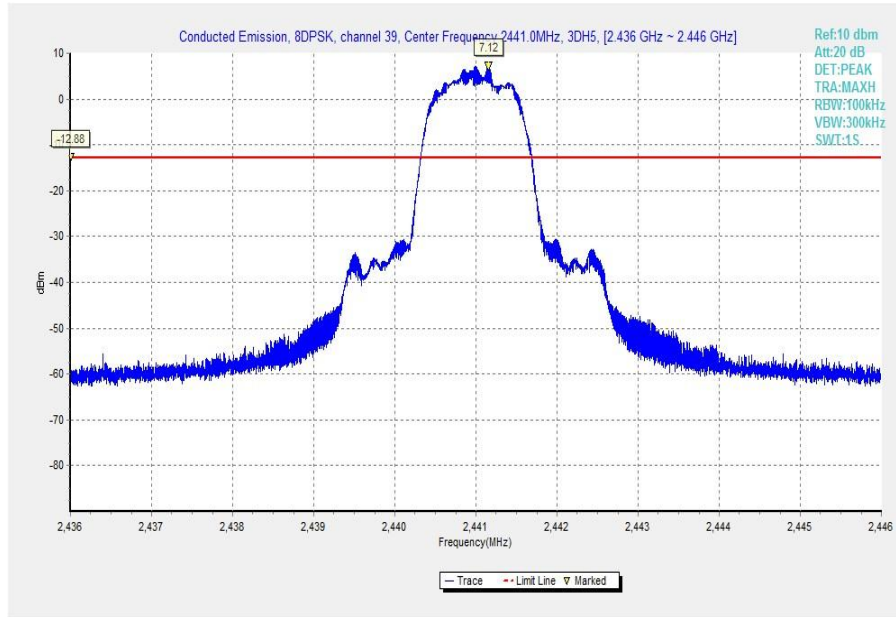


Fig. 41 Conducted Spurious Emission (8DPSK, Ch39, 2.441GHz)

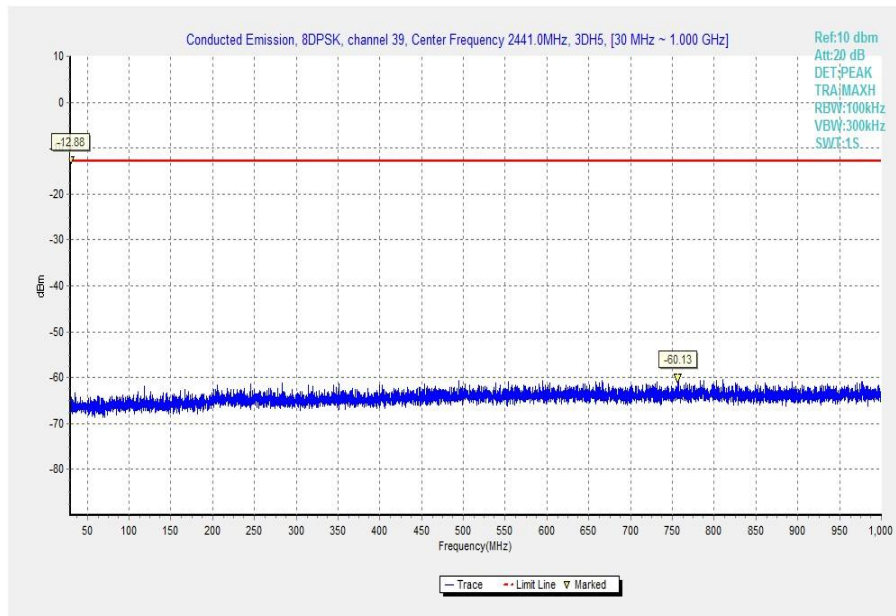


Fig. 42 Conducted Spurious Emission (8DPSK, Ch39, 30 MHz-1 GHz)

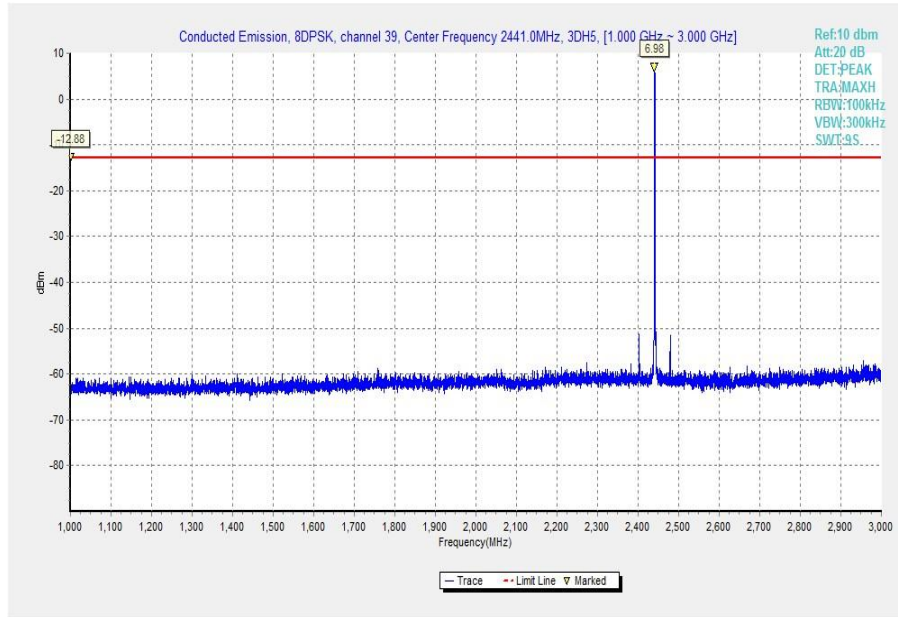


Fig. 43 Conducted Spurious Emission (8DPSK, Ch39, 1GHz-3 GHz)

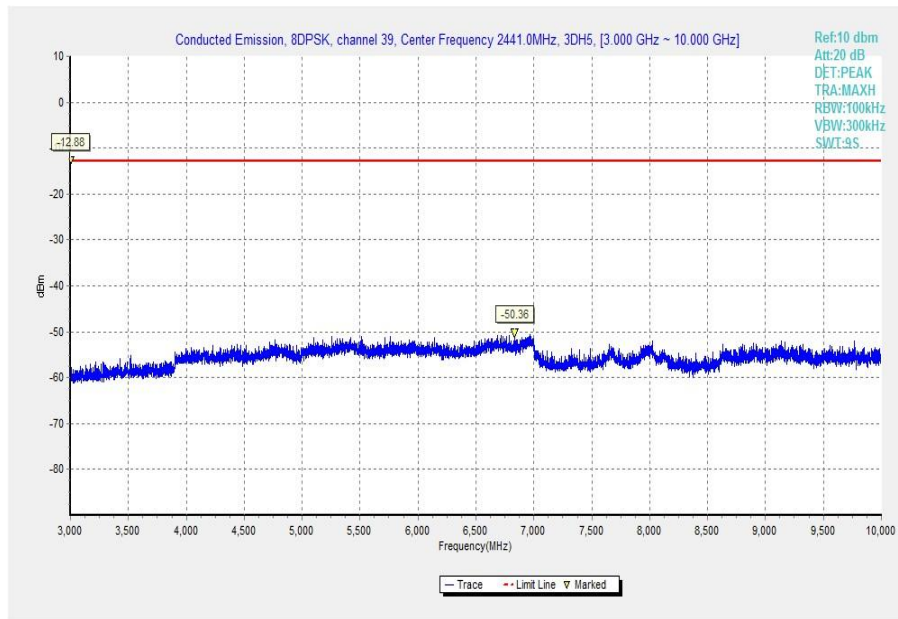


Fig. 44 Conducted Spurious Emission (8DPSK, Ch39, 3GHz-10 GHz)

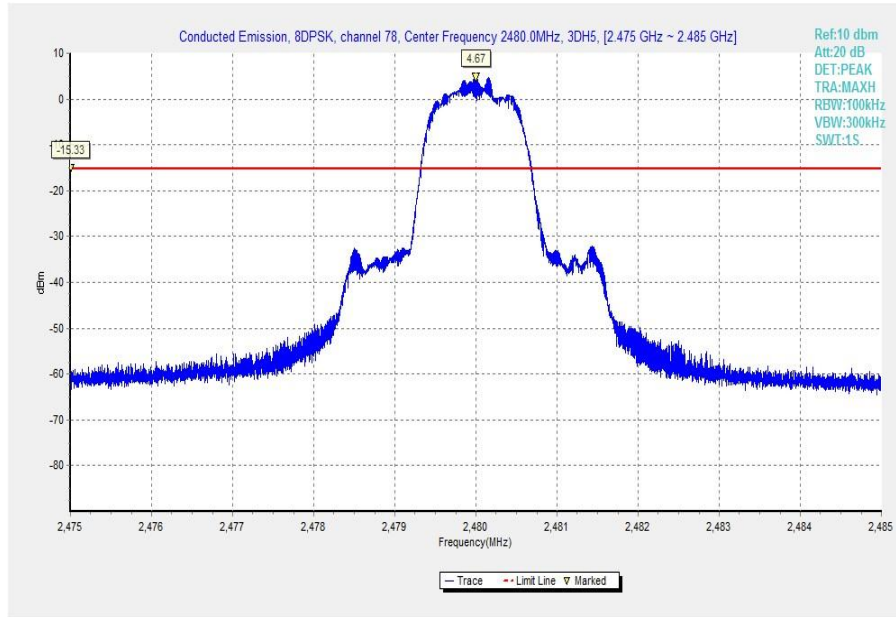


Fig. 45 Conducted Spurious Emission (8DPSK, Ch78, 2.480GHz)

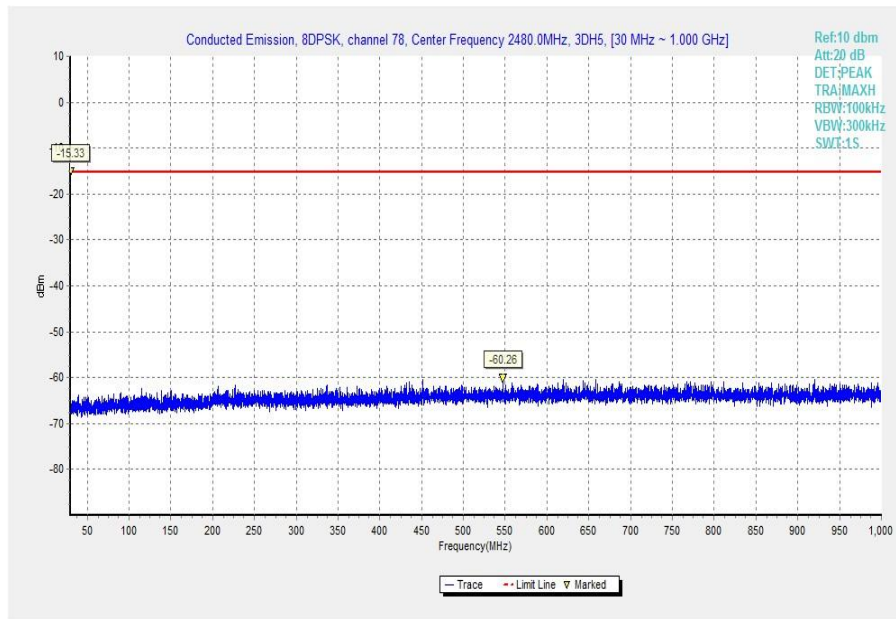


Fig. 46 Conducted Spurious Emission (8DPSK, Ch78, 30 MHz-1 GHz)

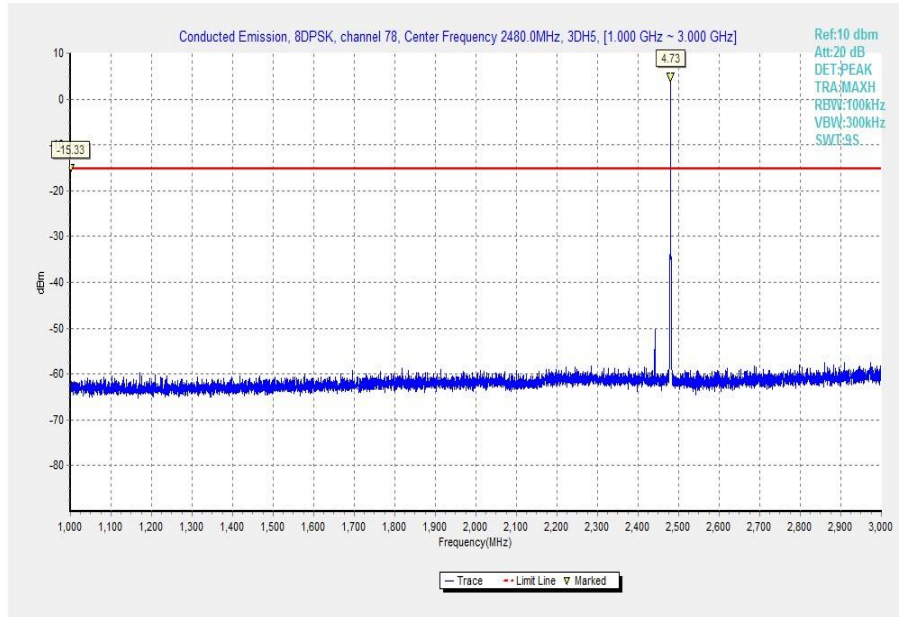


Fig. 47 Conducted Spurious Emission (8DPSK, Ch78, 1GHz-3 GHz)

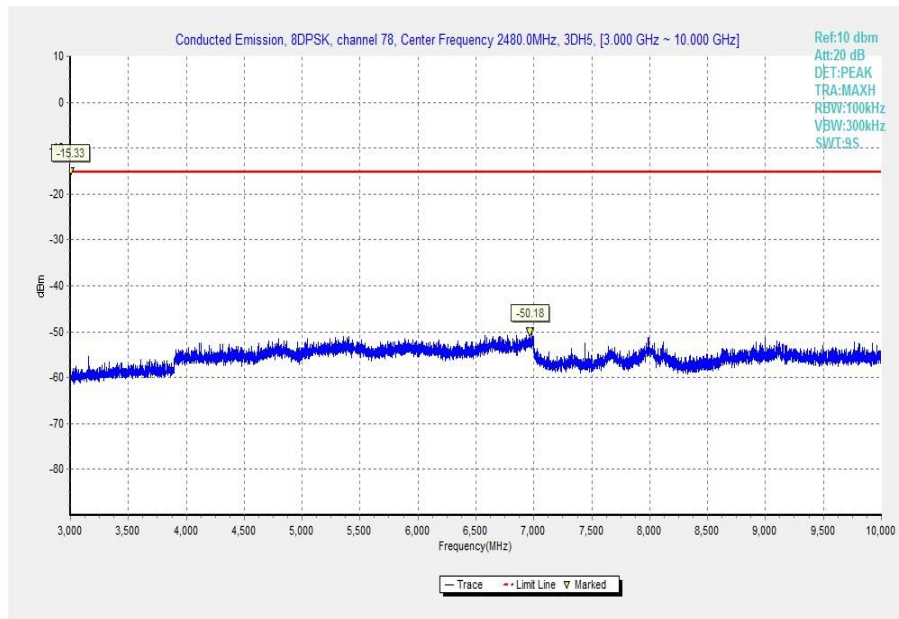


Fig. 48 Conducted Spurious Emission (8DPSK, Ch78, 3GHz-10 GHz)

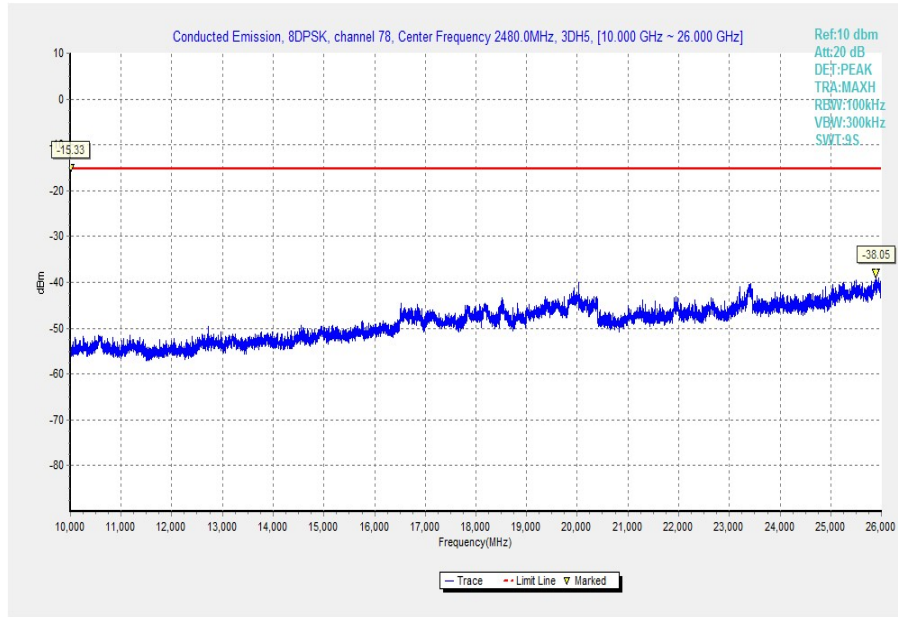


Fig. 49 Conducted Spurious Emission (All channel, 10 GHz-26 GHz)

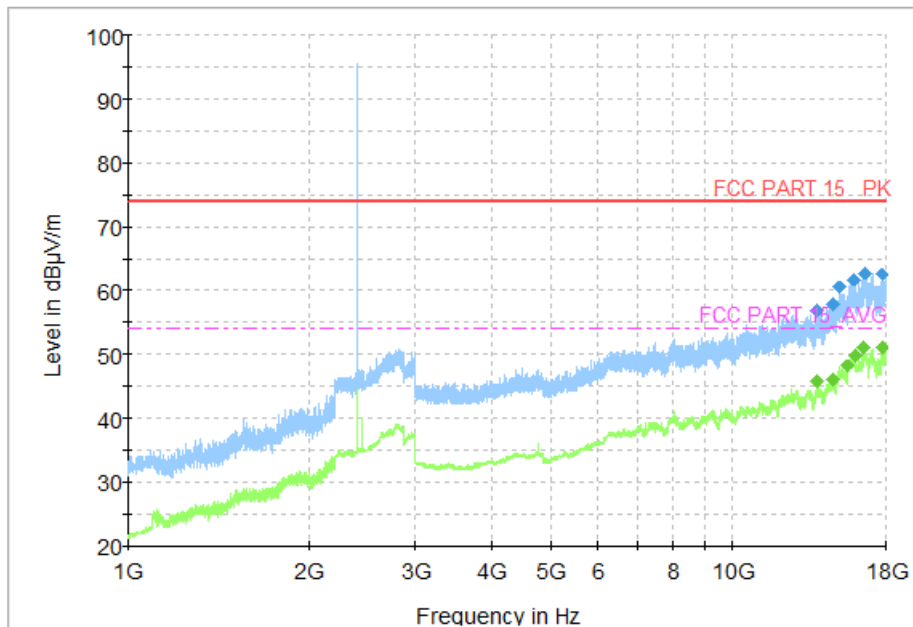


Fig. 50 Radiated Spurious Emission (GFSK, Ch0, 1 GHz ~ 18 GHz)

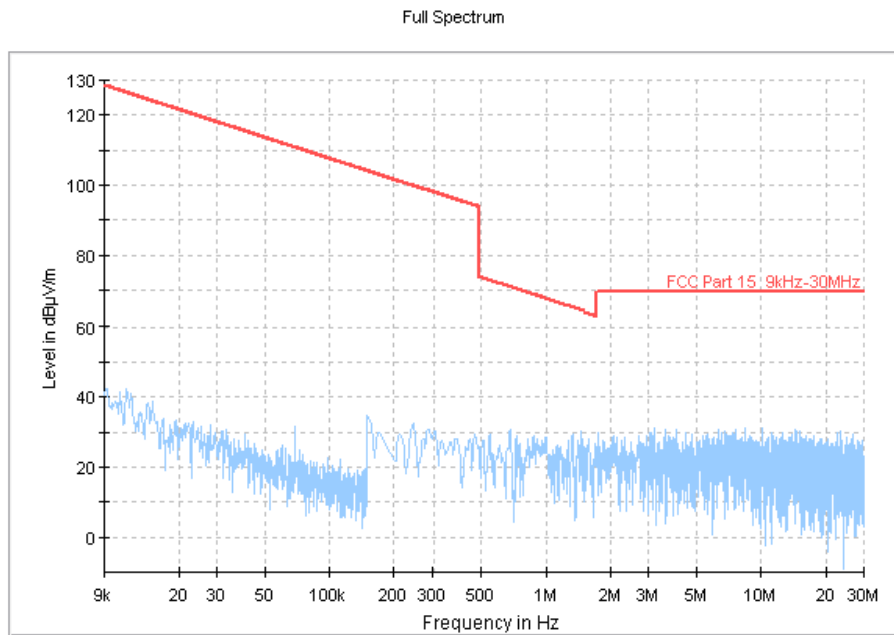


Fig. 51 Radiated Spurious Emission (GFSK, Ch39, 9 kHz ~30 MHz)

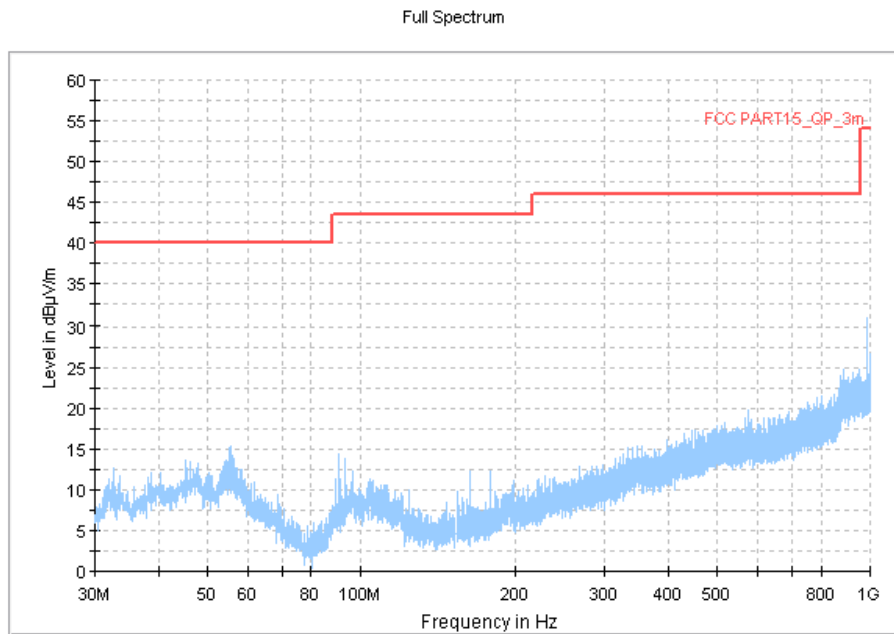


Fig. 52 Radiated Spurious Emission (GFSK, Ch39, 30 MHz ~1 GHz)

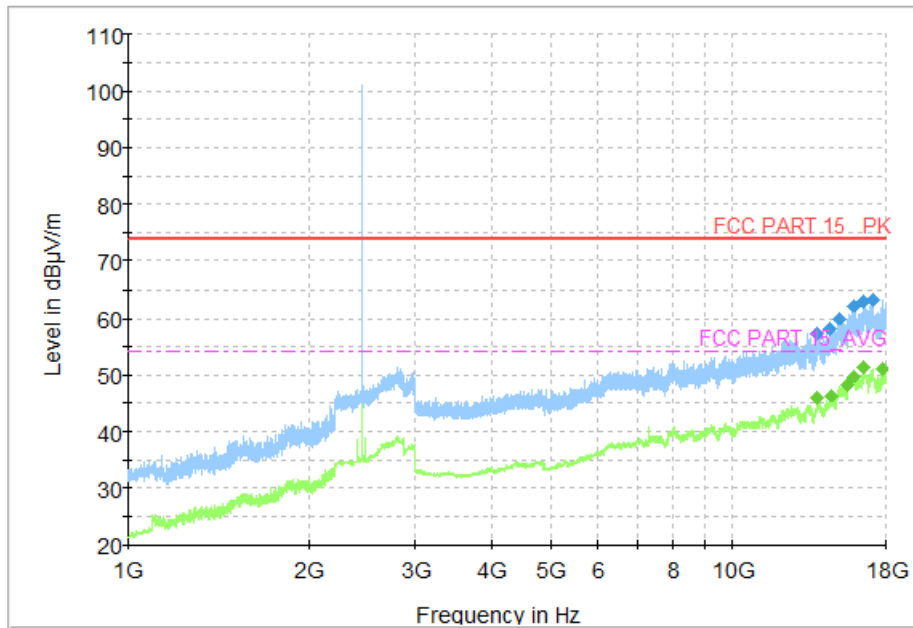


Fig. 53 Radiated Spurious Emission (GFSK, Ch39, 1 GHz ~18 GHz)

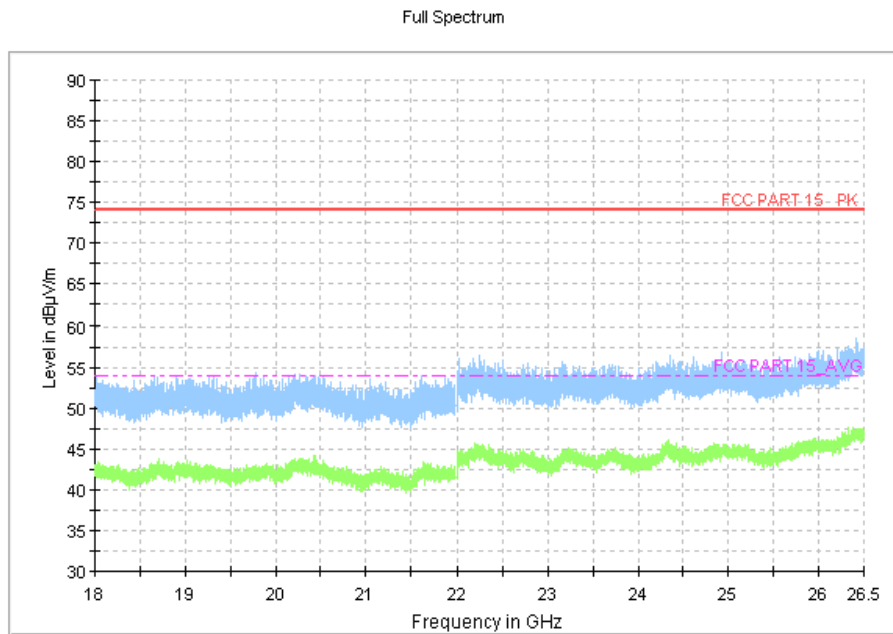


Fig. 54 Radiated Spurious Emission (GFSK, Ch39, 18 GHz ~26.5 GHz)

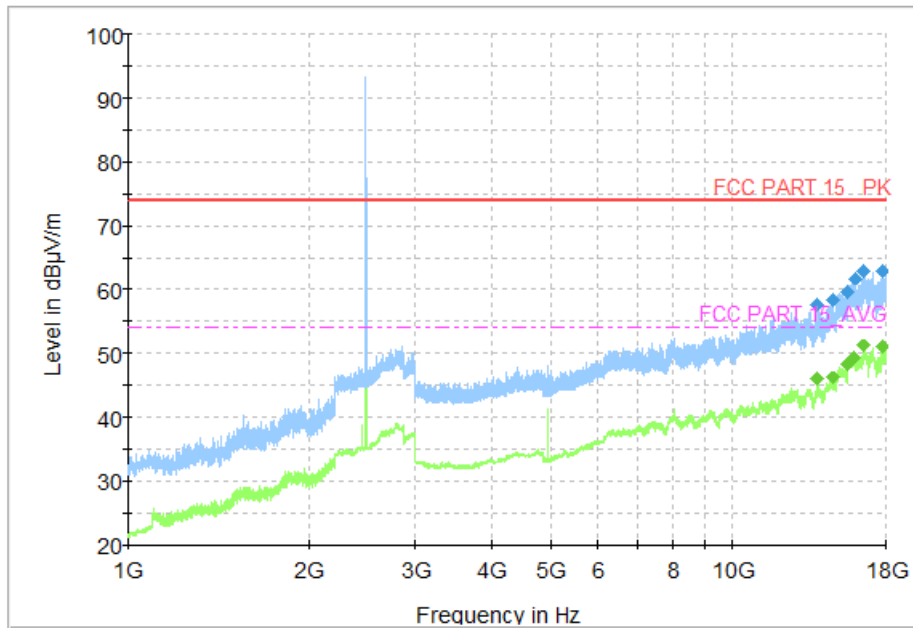


Fig. 55 Radiated Spurious Emission (GFSK, Ch78, 1 GHz ~18 GHz)

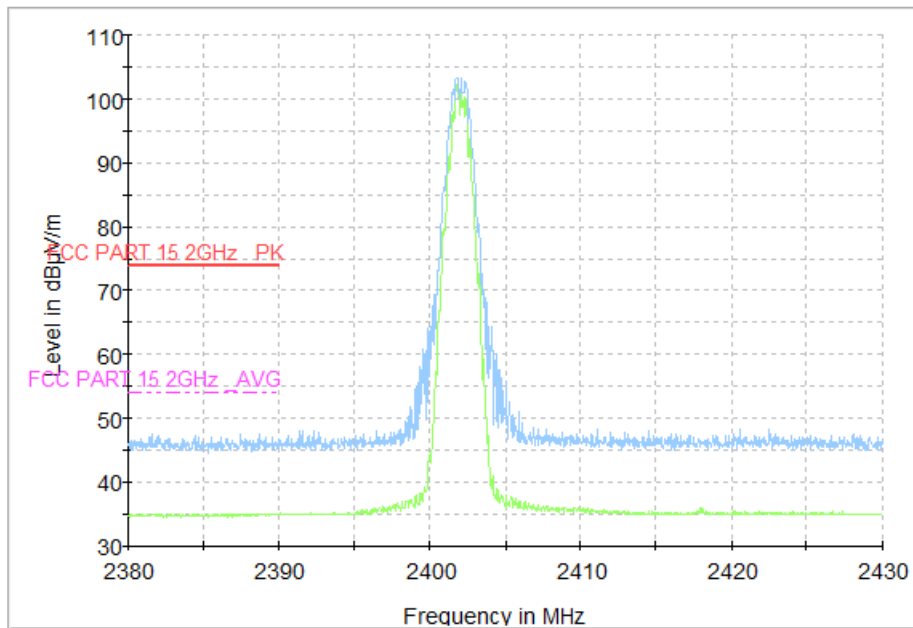


Fig. 56 Radiated Emission Power (GFSK, Ch0, 2380GHz~2450GHz)

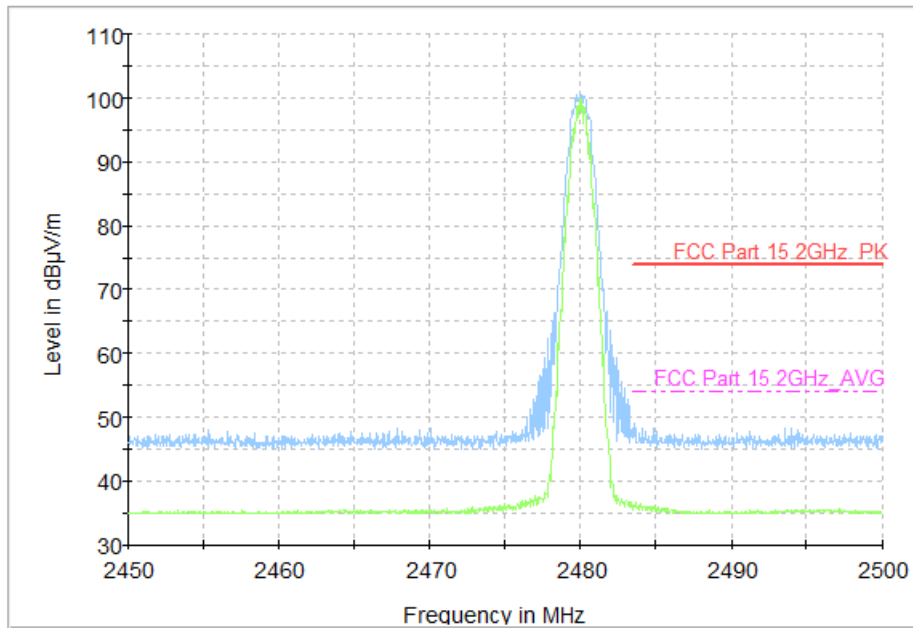


Fig. 57 Radiated Emission Power (GFSK, Ch78, 2450GHz~2500GHz)

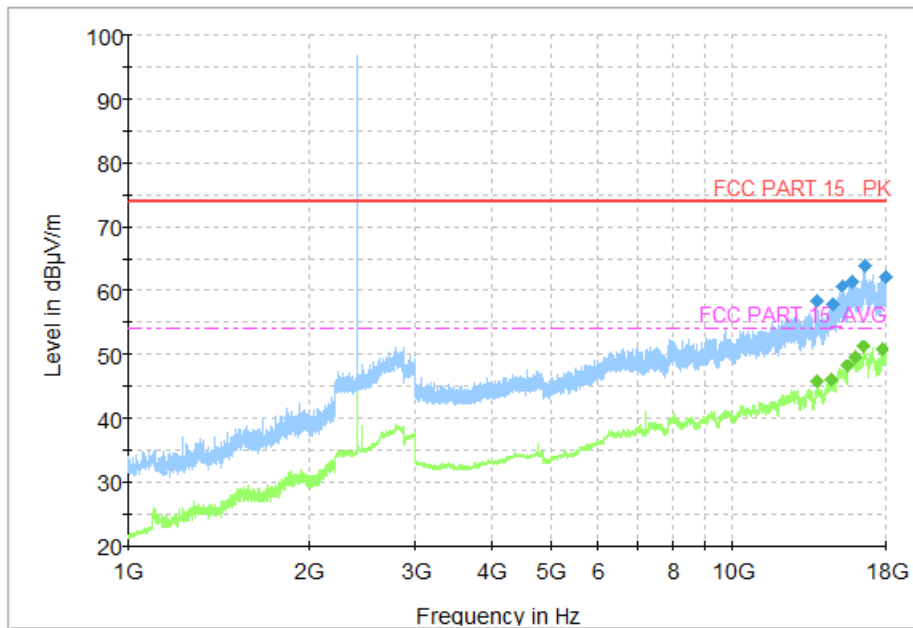


Fig. 58 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch0, 1 GHz ~18 GHz)

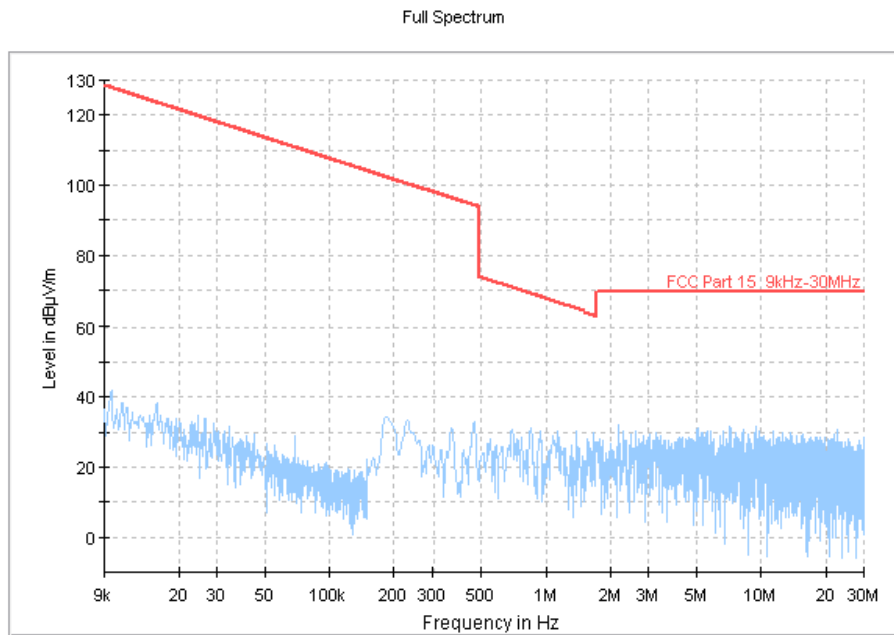


Fig. 59 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch39, 9 kHz ~30 MHz)

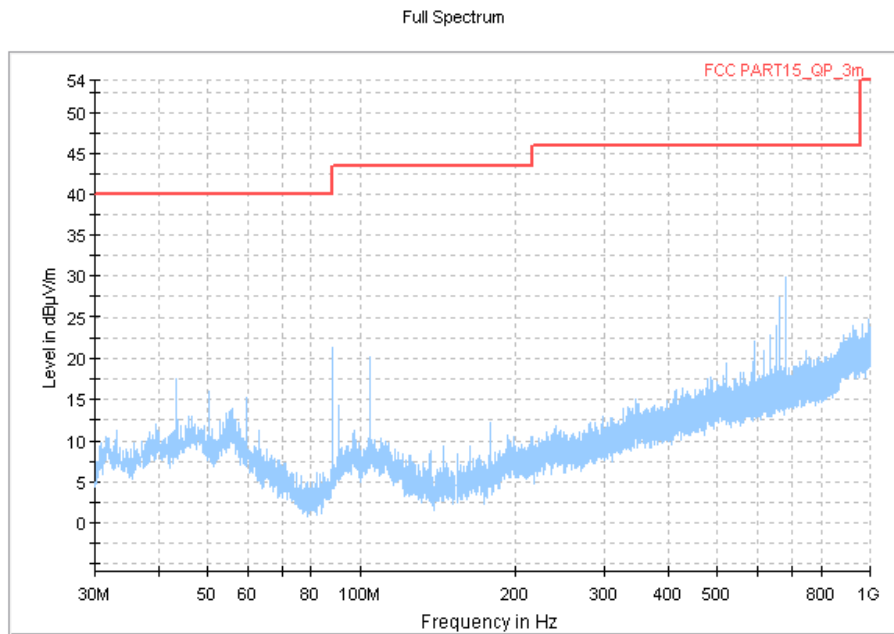


Fig. 60 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch39, 30 MHz ~1 GHz)

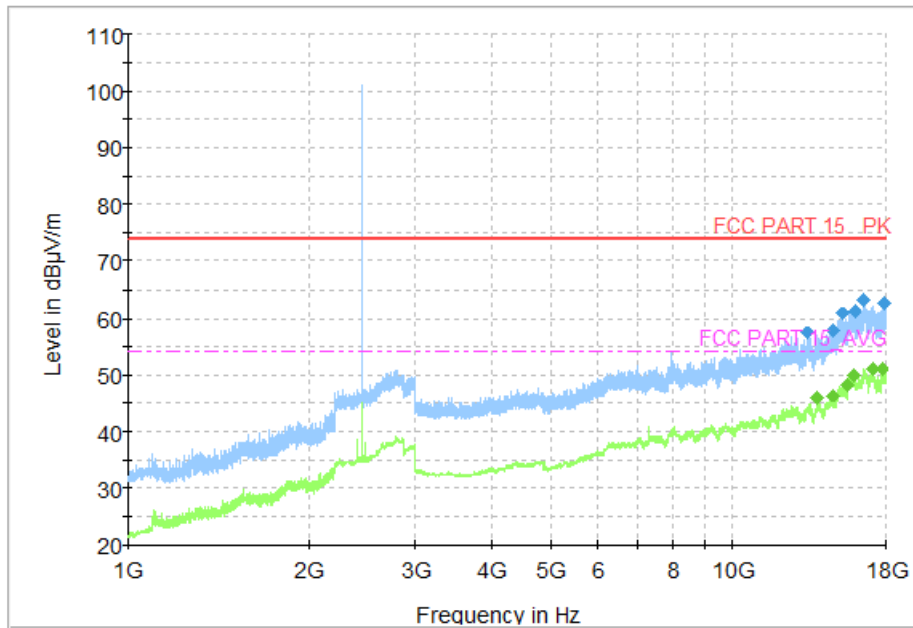


Fig. 61 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch39, 1 GHz ~18 GHz)

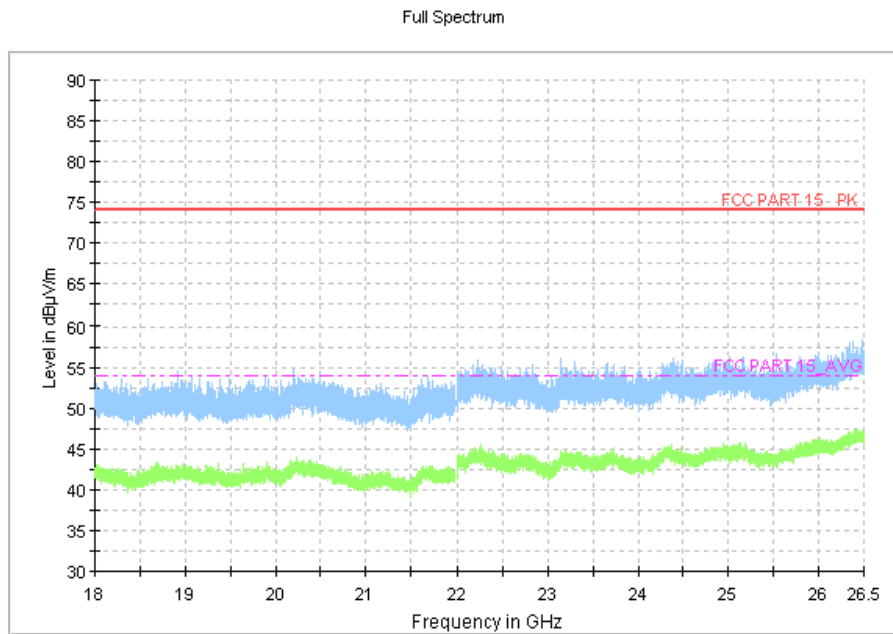


Fig. 62 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch39, 18 GHz ~26.5 GHz)

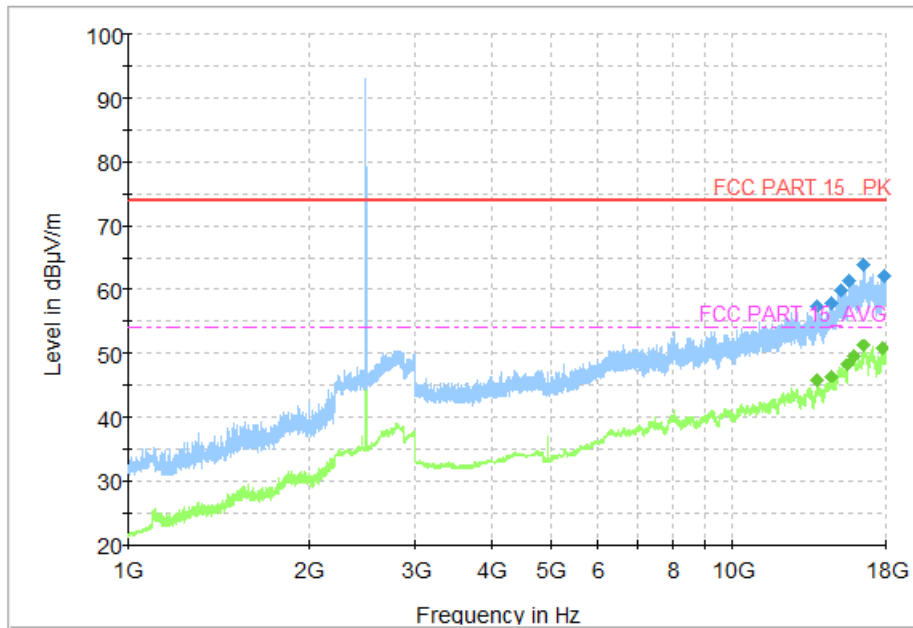


Fig. 63 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch78, 1 GHz ~18 GHz)

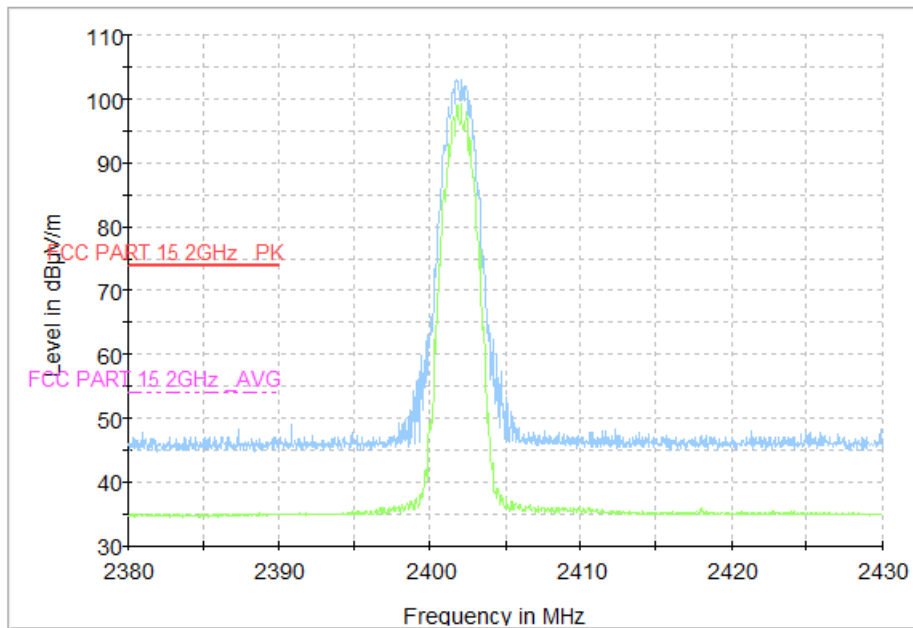


Fig. 64 Radiated Emission Power ($\pi/4$ DQPSK, Ch0, 2380GHz~2450GHz)

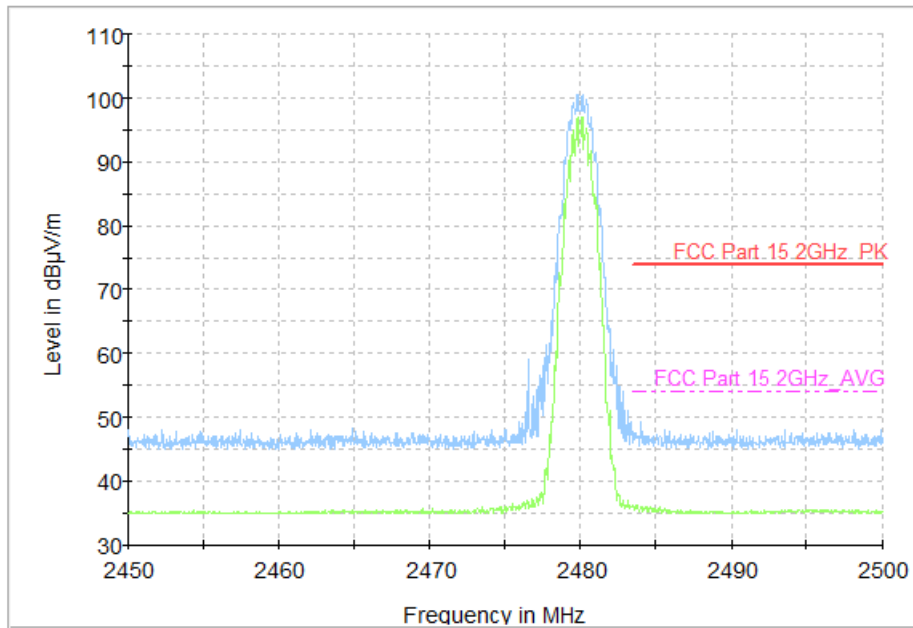


Fig. 65 Radiated Emission Power ($\pi/4$ DQPSK, Ch78, 2450GHz~2500GHz)

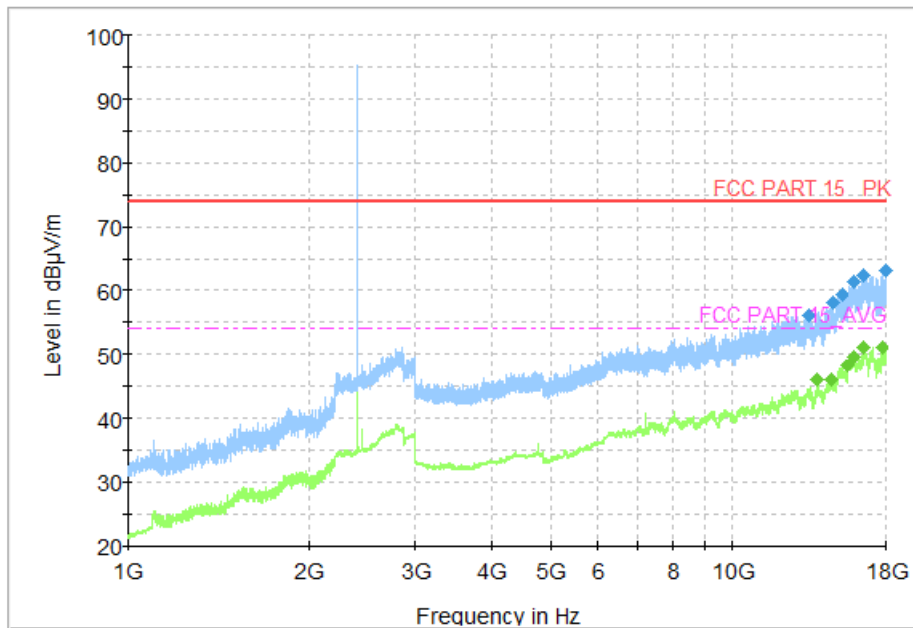


Fig. 66 Radiated Spurious Emission (8DPSK, Ch0, 1 GHz ~18 GHz)

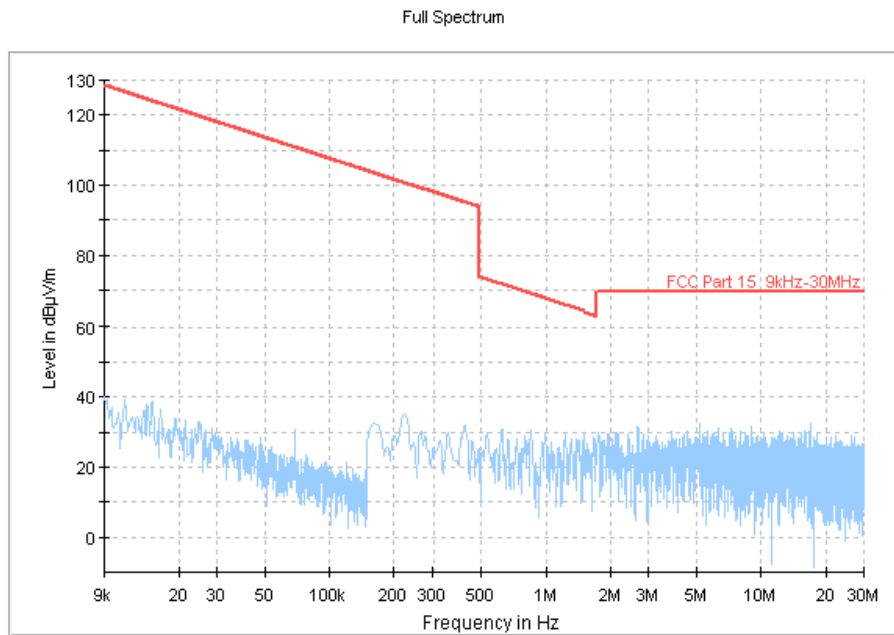


Fig. 67 Radiated Spurious Emission (8DPSK, Ch39, 9 kHz ~30 MHz)

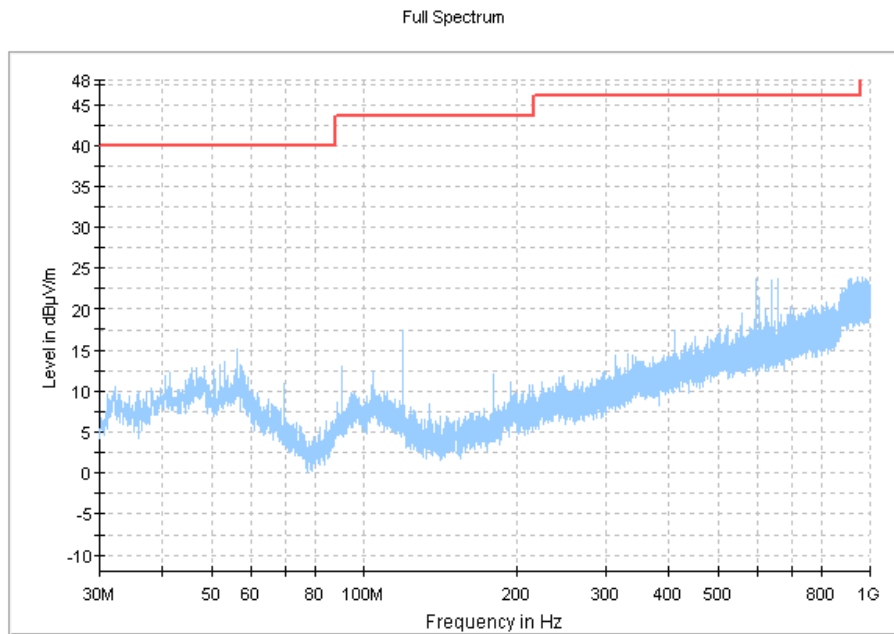


Fig. 68 Radiated Spurious Emission (8DPSK, Ch39, 30 MHz ~1 GHz)

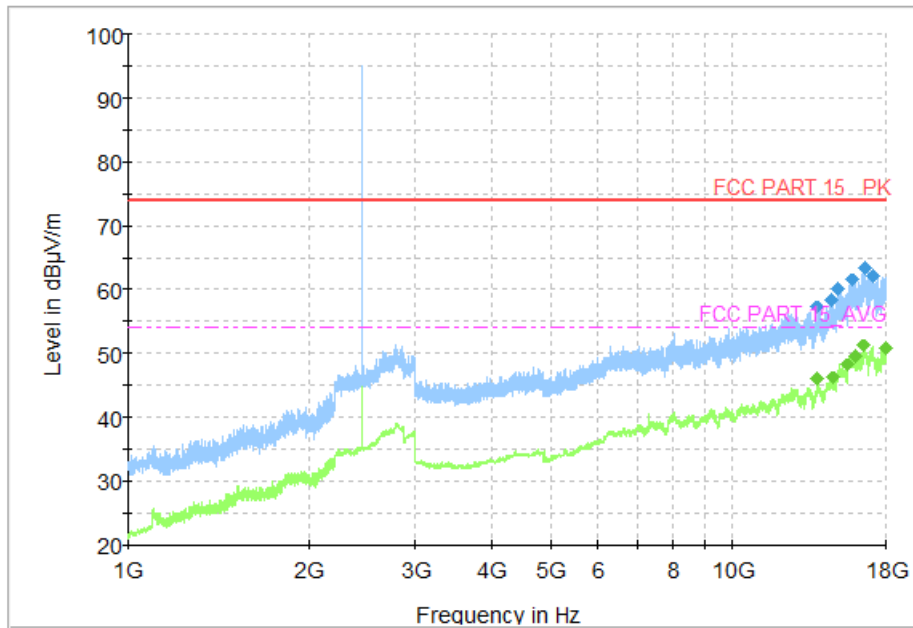


Fig. 69 Radiated Spurious Emission (8DPSK, Ch39, 1 GHz ~18 GHz)

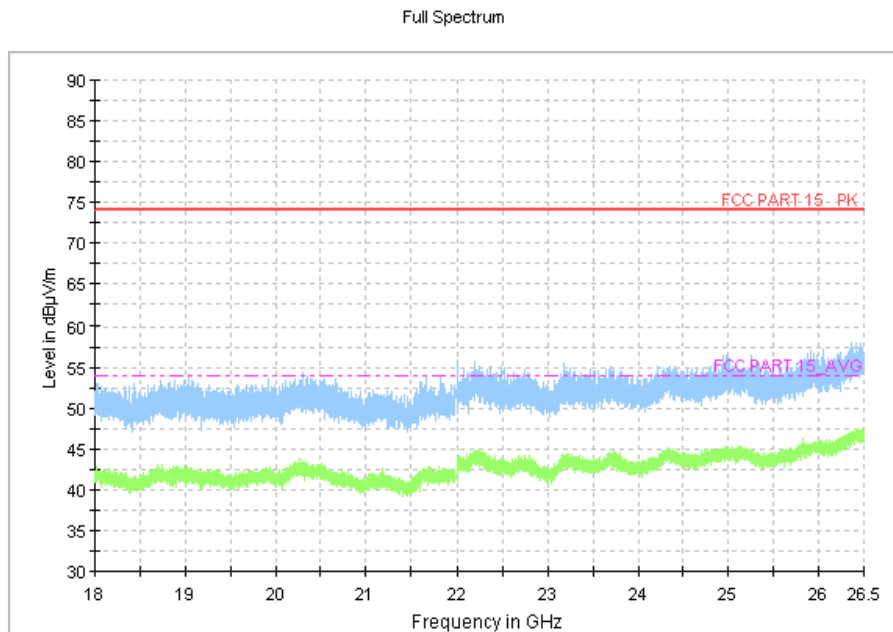


Fig. 70 Radiated Spurious Emission (8DPSK, Ch39, 18 GHz ~26.5 GHz)

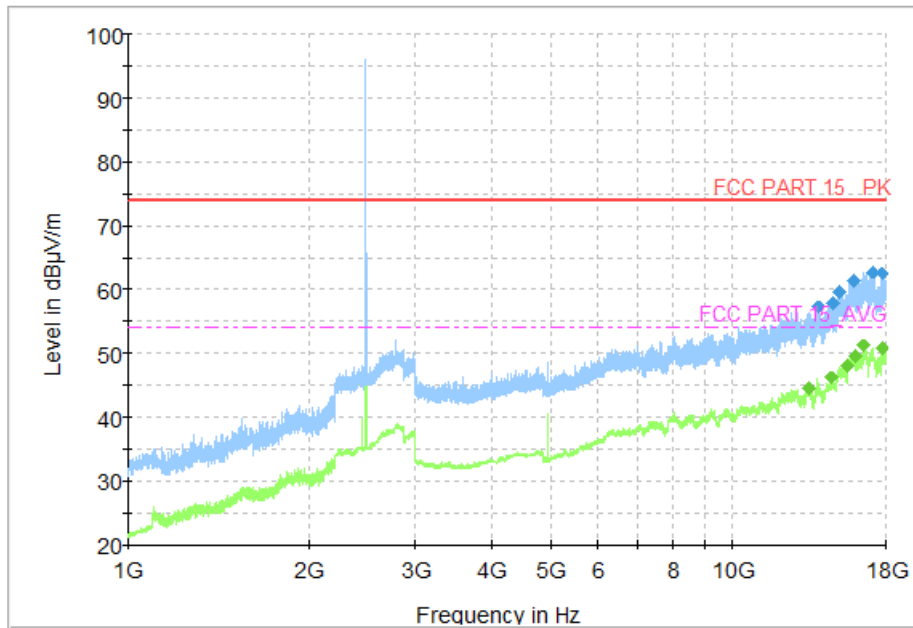


Fig. 71 Radiated Spurious Emission (8DPSK, Ch78, 1 GHz ~18 GHz)

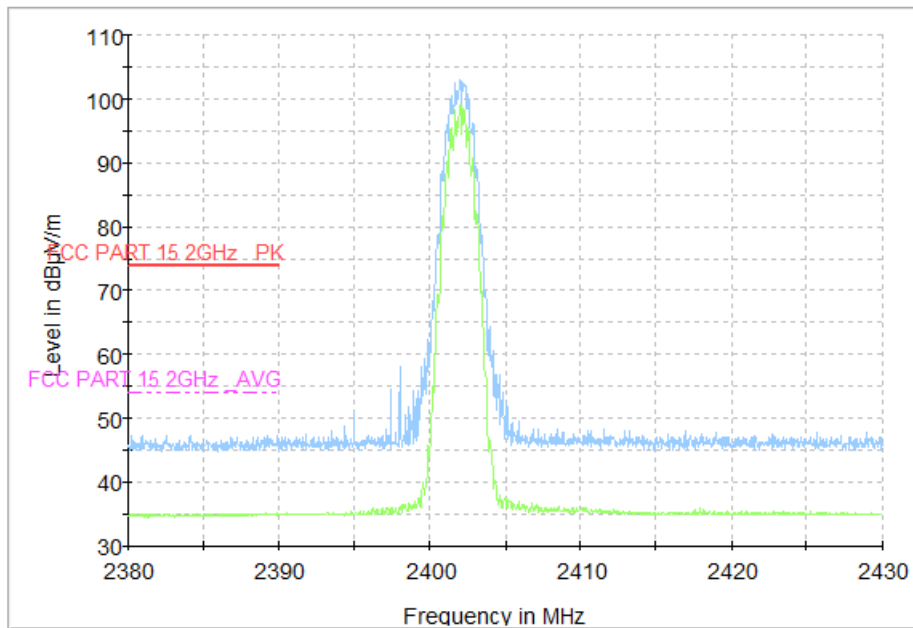


Fig. 72 Radiated Emission Power (8DPSK, Ch0, 2380GHz~2450GHz)

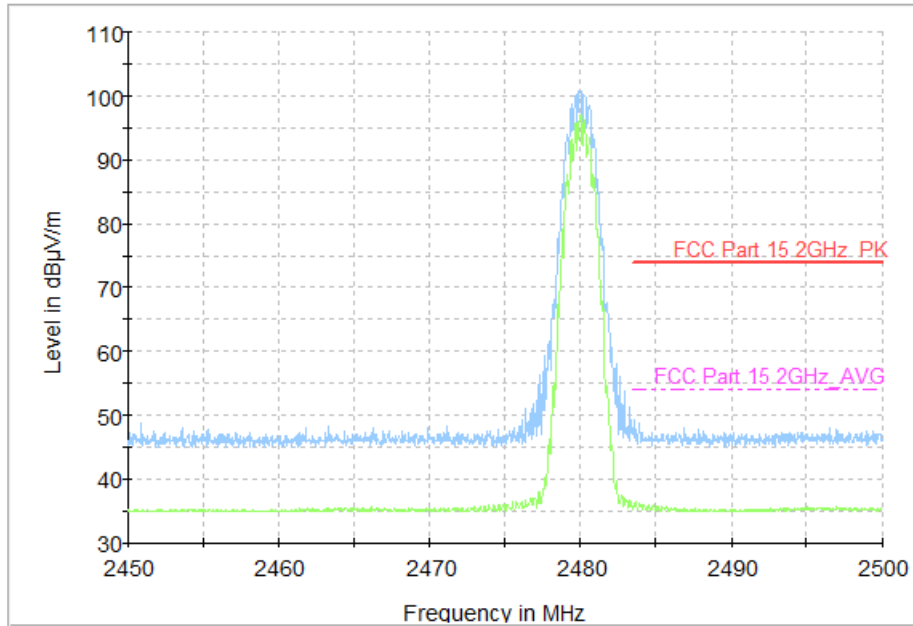


Fig. 73 Radiated Emission Power (8DPSK, Ch78, 2450GHz~2500GHz)

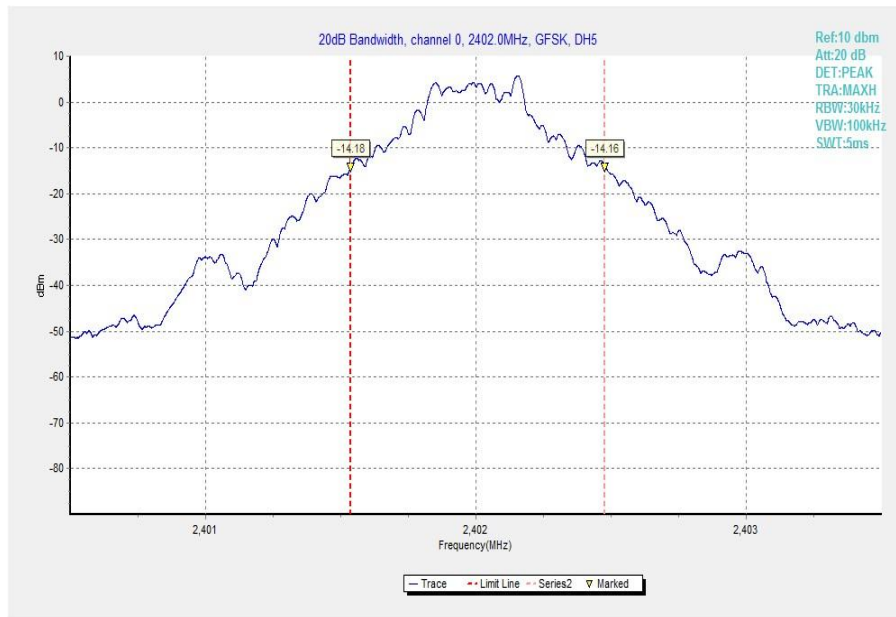


Fig. 74 Occupied 20dB Bandwidth (GFSK, Ch 0)

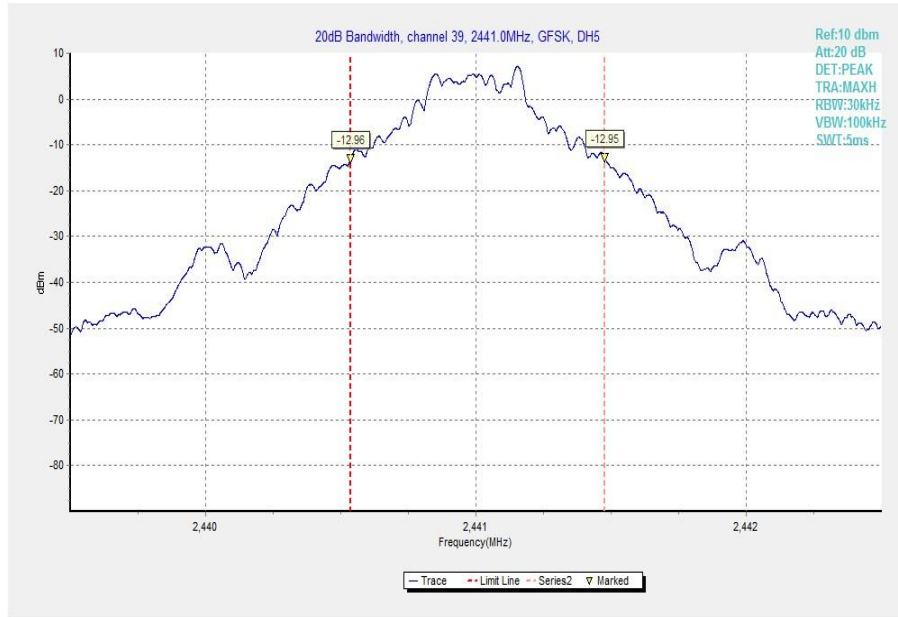


Fig. 75 Occupied 20dB Bandwidth (GFSK, Ch 39)

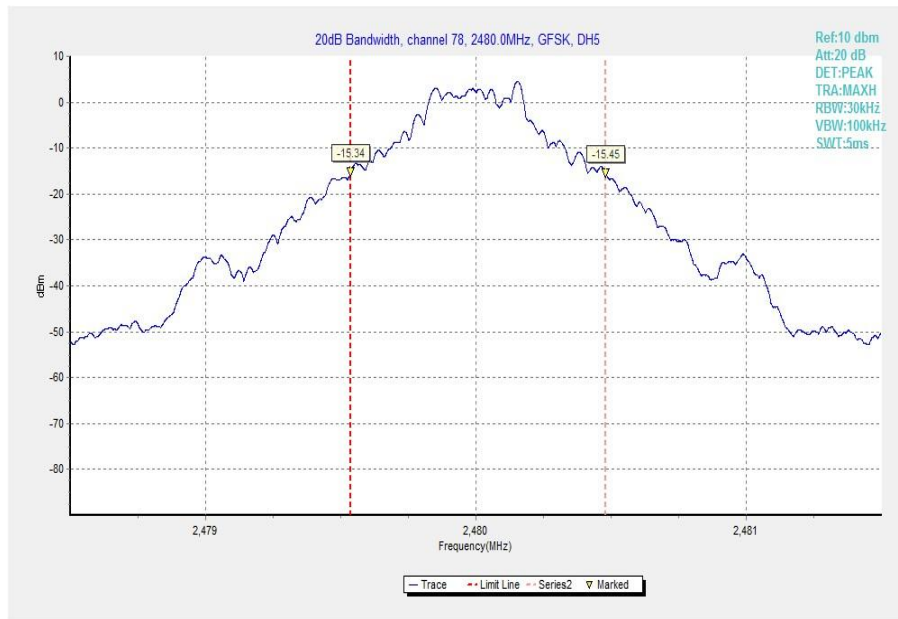


Fig. 76 Occupied 20dB Bandwidth (GFSK, Ch 78)

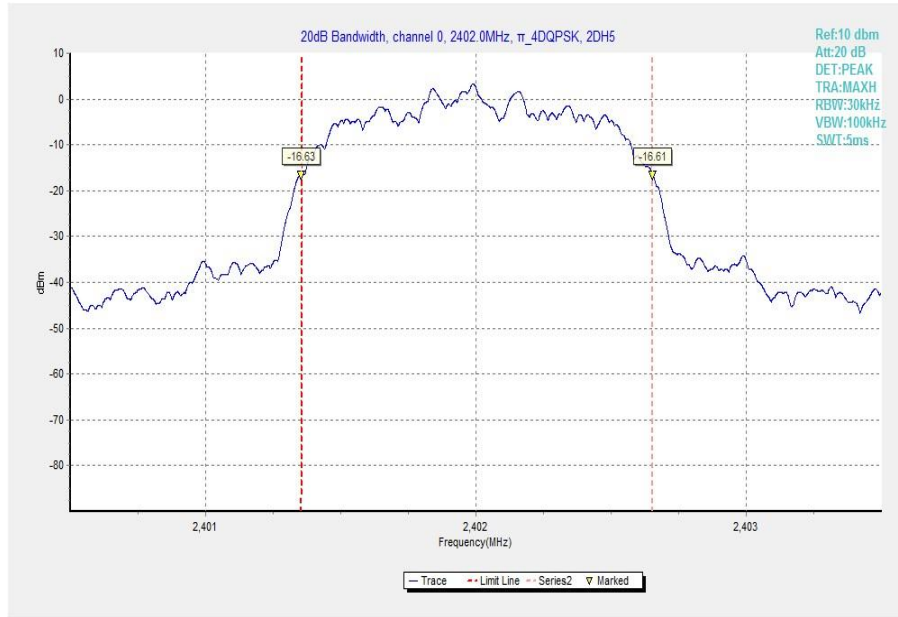


Fig. 77 Occupied 20dB Bandwidth (π / 4 DQPSK, Ch 0)

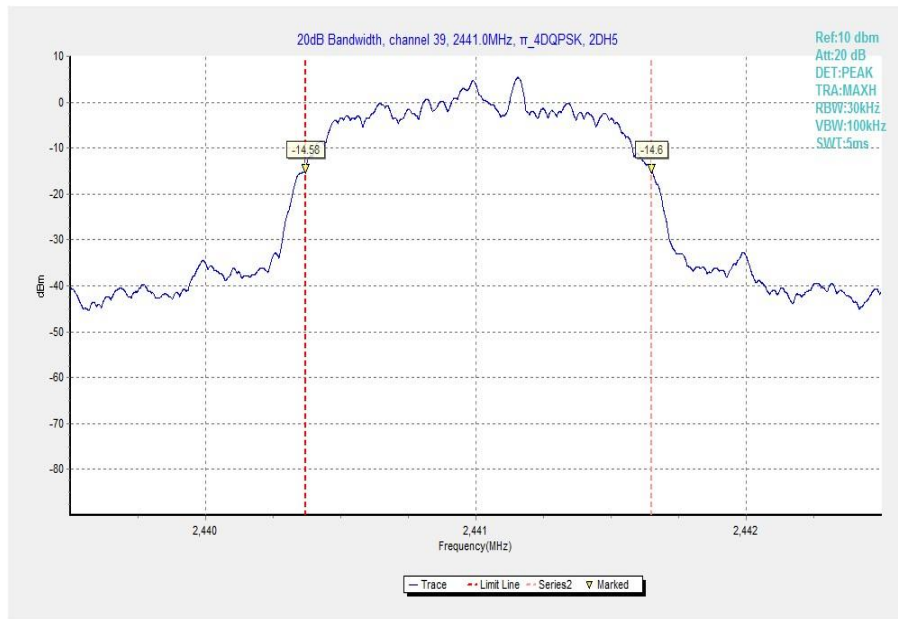


Fig. 78 Occupied 20dB Bandwidth (π / 4 DQPSK, Ch 39)

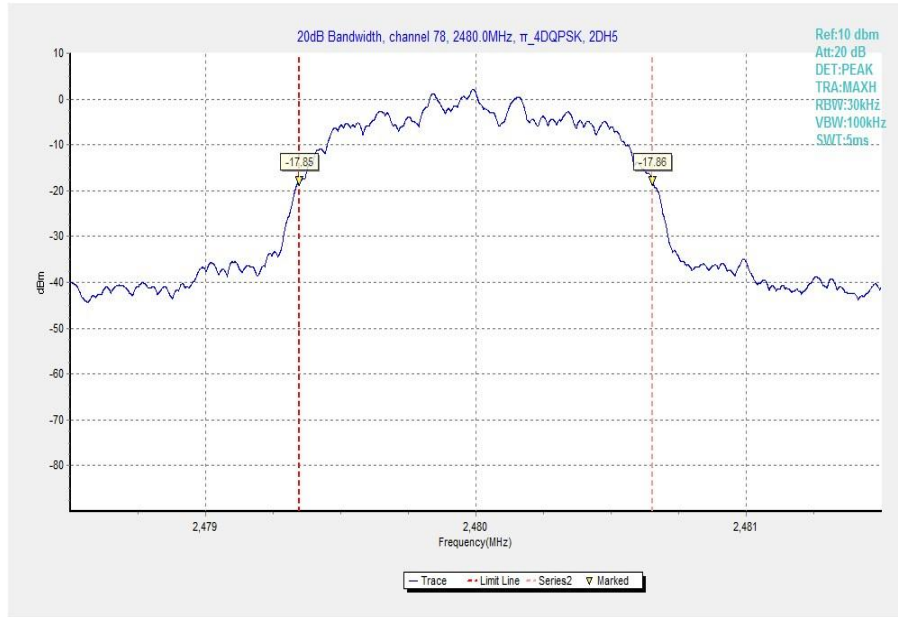


Fig. 79 Occupied 20dB Bandwidth (π /4 DQPSK, Ch 78)

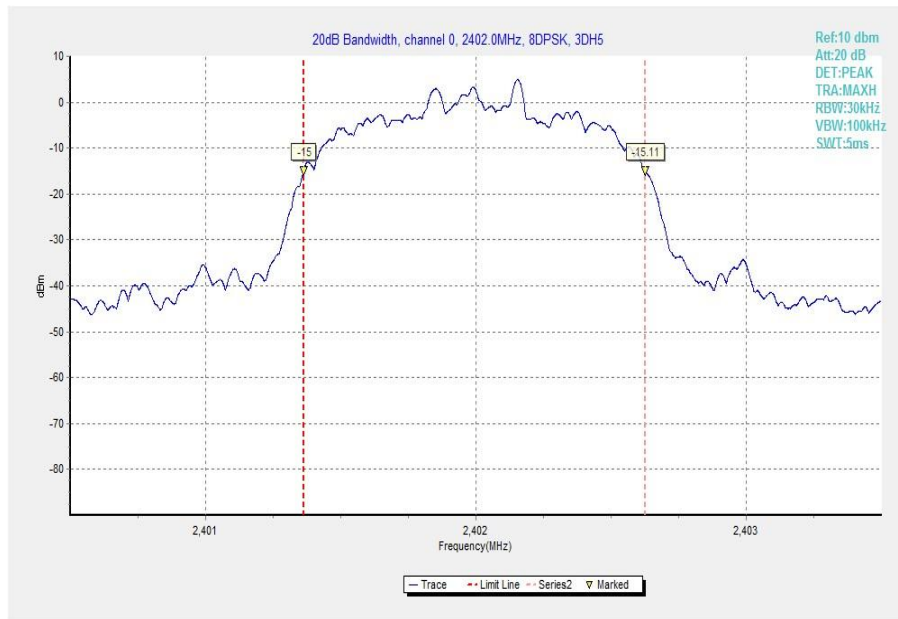


Fig. 80 Occupied 20dB Bandwidth (8DPSK, Ch 0)

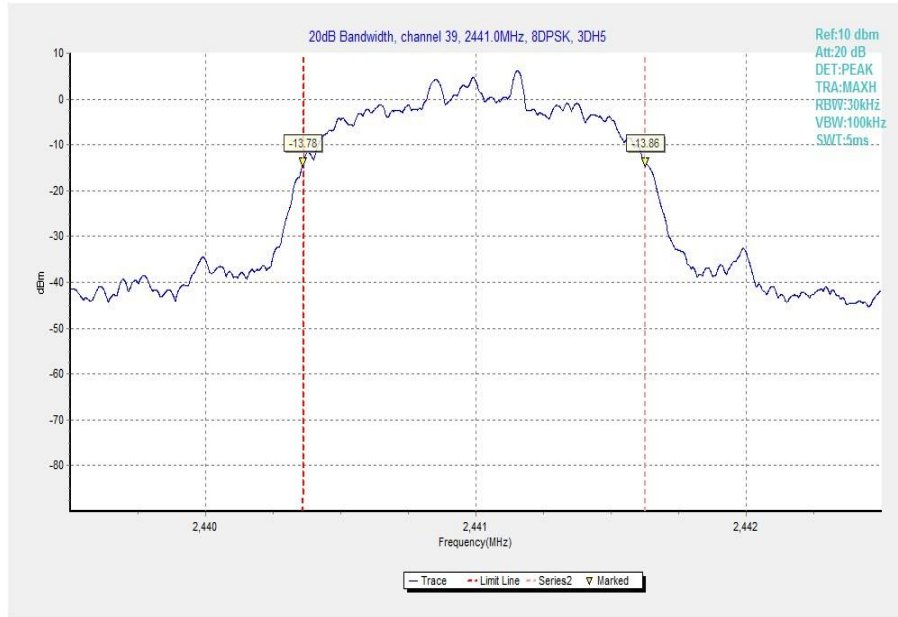


Fig. 81 Occupied 20dB Bandwidth (8DPSK, Ch 39)

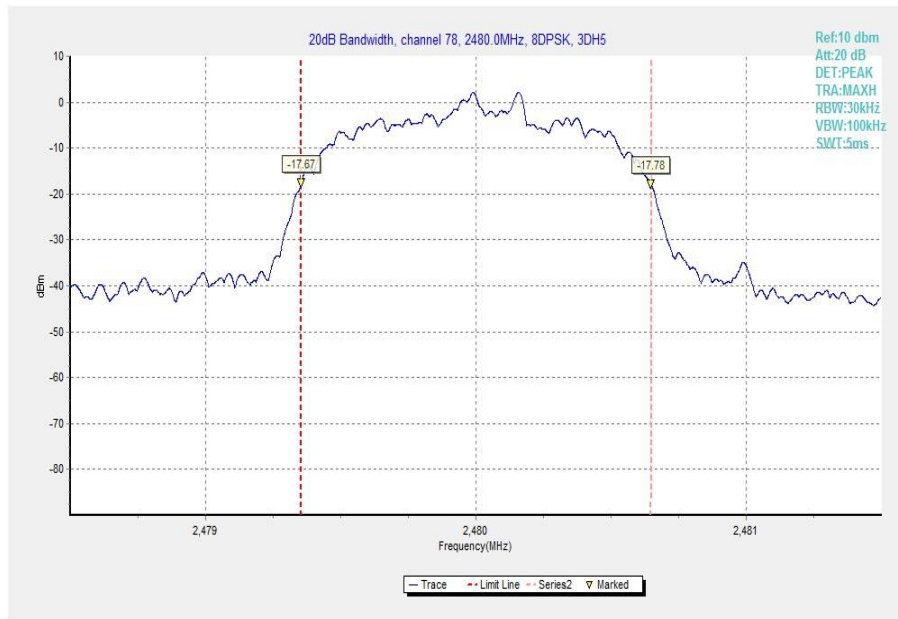


Fig. 82 Occupied 20dB Bandwidth (8DPSK, Ch 78)

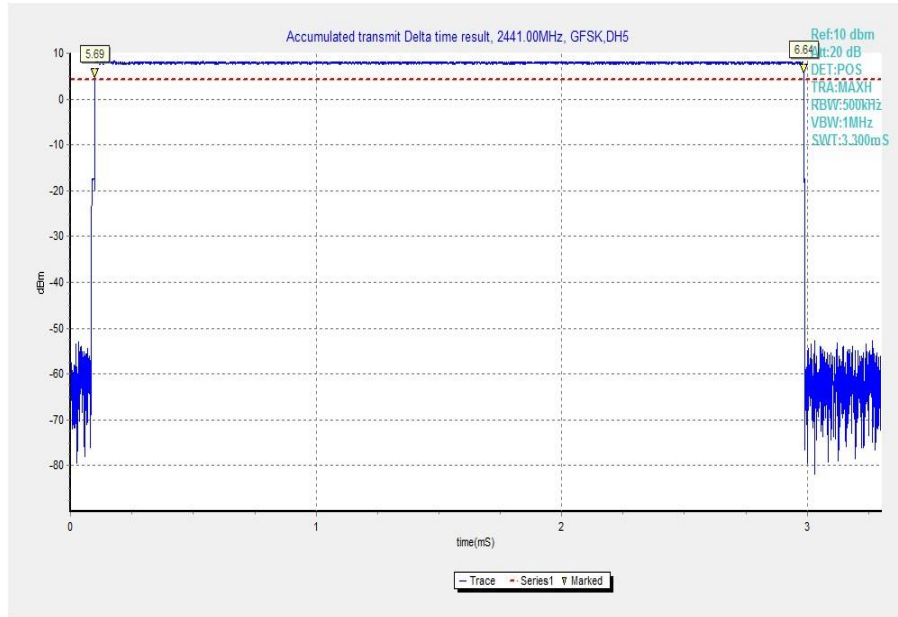


Fig. 83 Time of Occupancy(Dwell Time) (GFSK, Ch39)

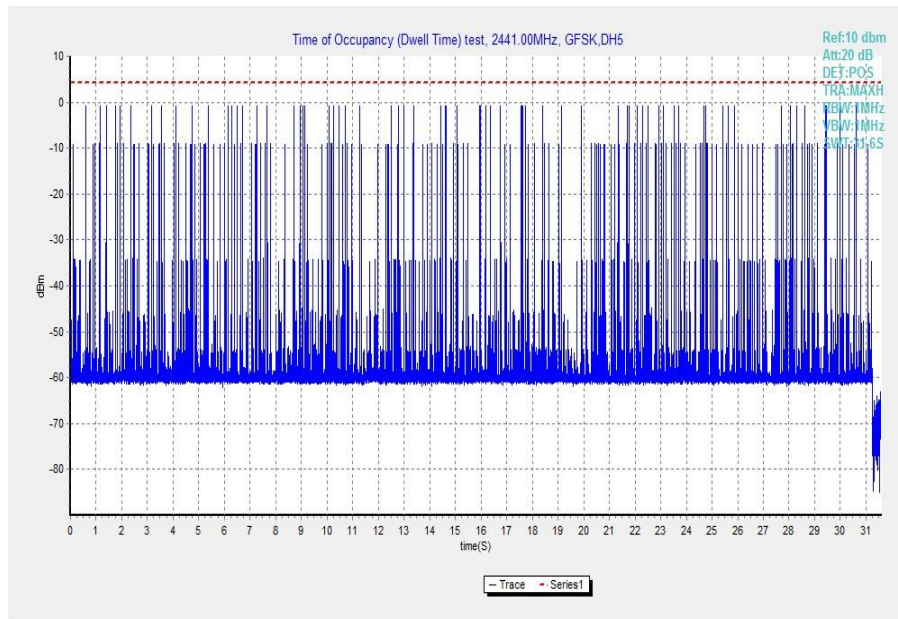


Fig. 84 Number of Transmissions (GFSK, Ch39)

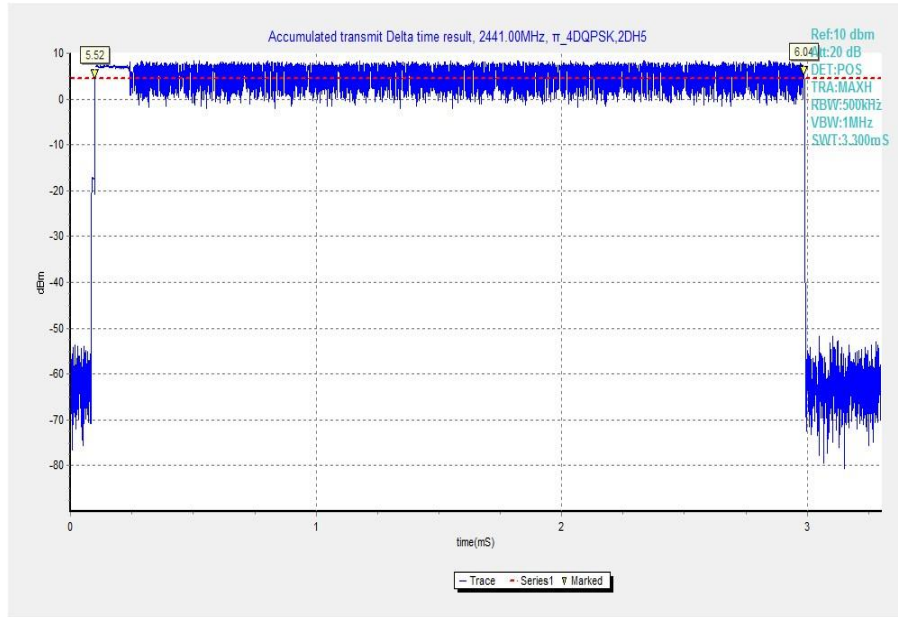


Fig. 85 Time of Occupancy(Dwell Time) (π /4 DQPSK, Ch39)

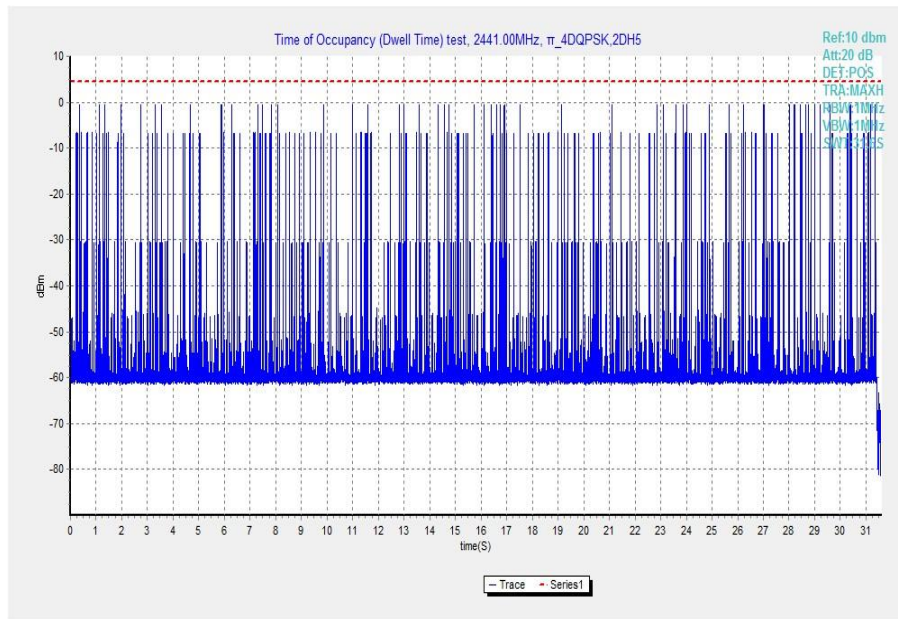


Fig. 86 Number of Transmissions (π /4 DQPSK, Ch39)

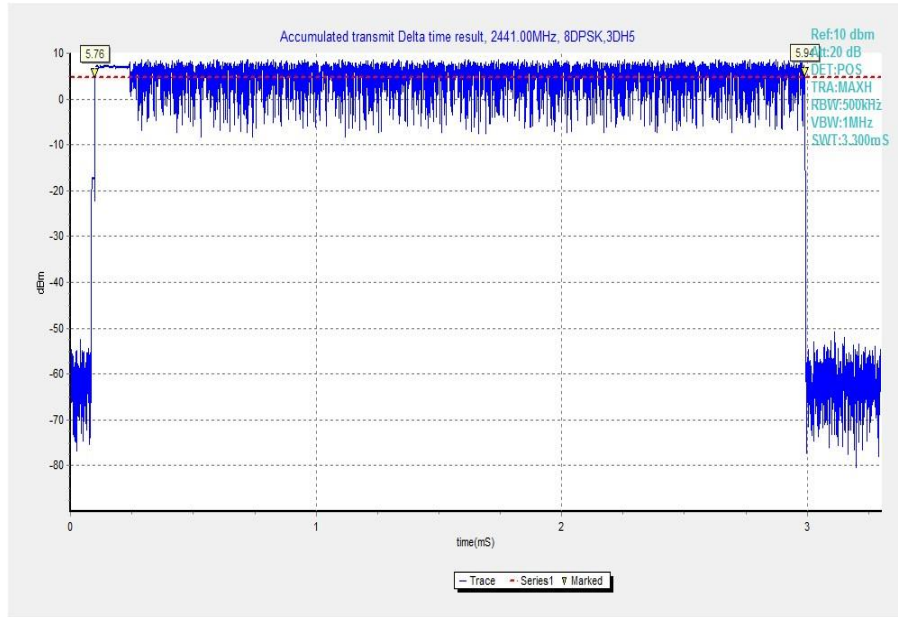


Fig. 87 Time of Occupancy(Dwell Time) (8DPSK, Ch39)

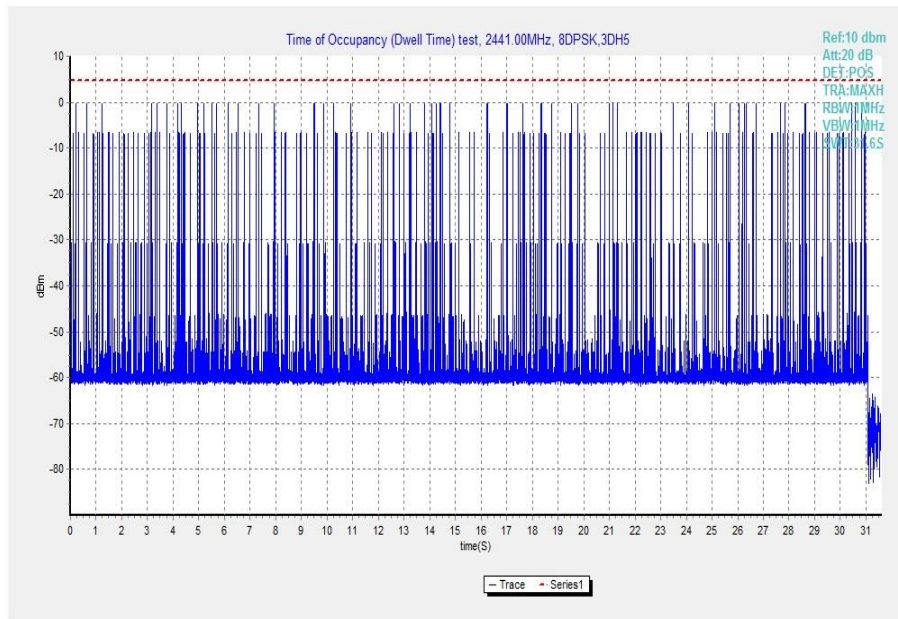


Fig. 88 Number of Transmissions (8DPSK, Ch39)

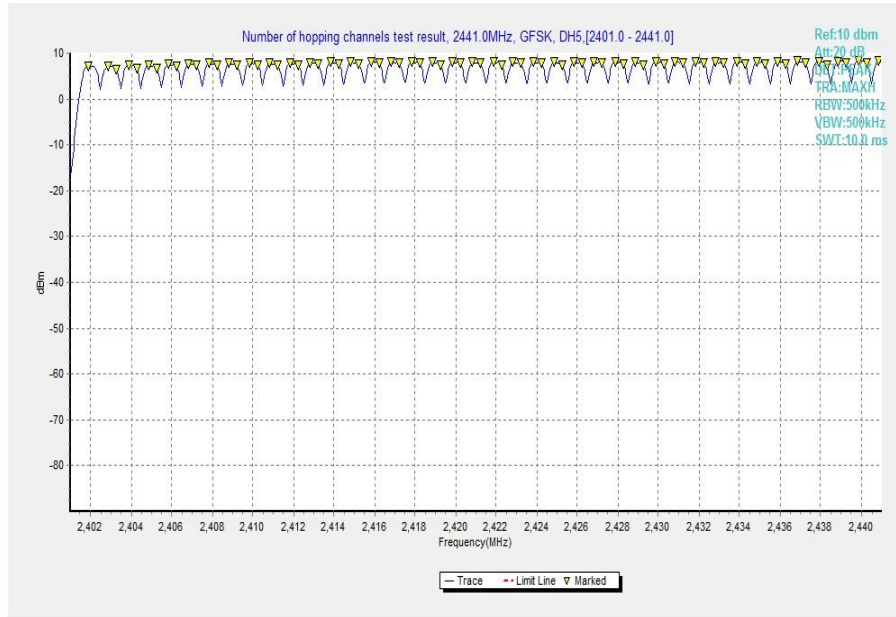


Fig. 89 Hopping channel ch0~39 (GFSK)

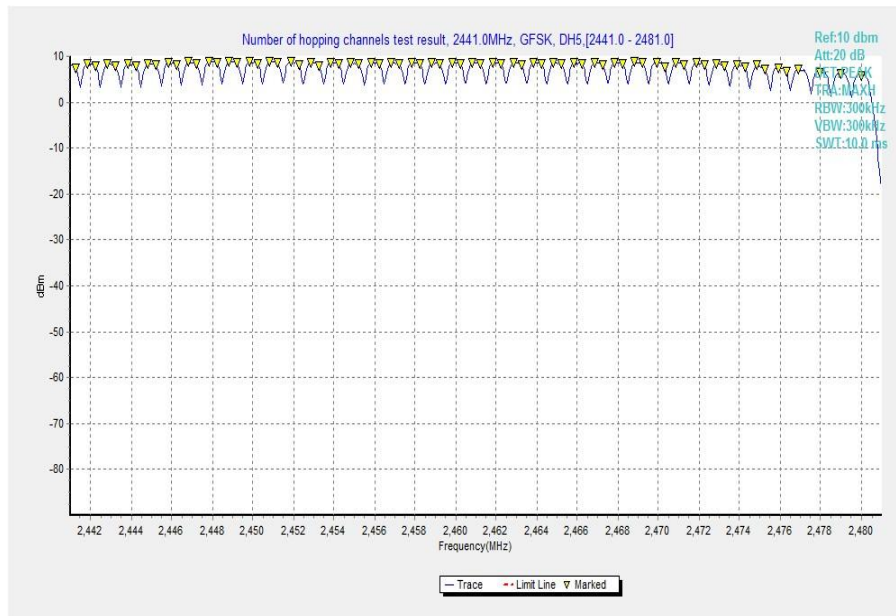


Fig. 90 Hopping channel ch39~78 (GFSK)

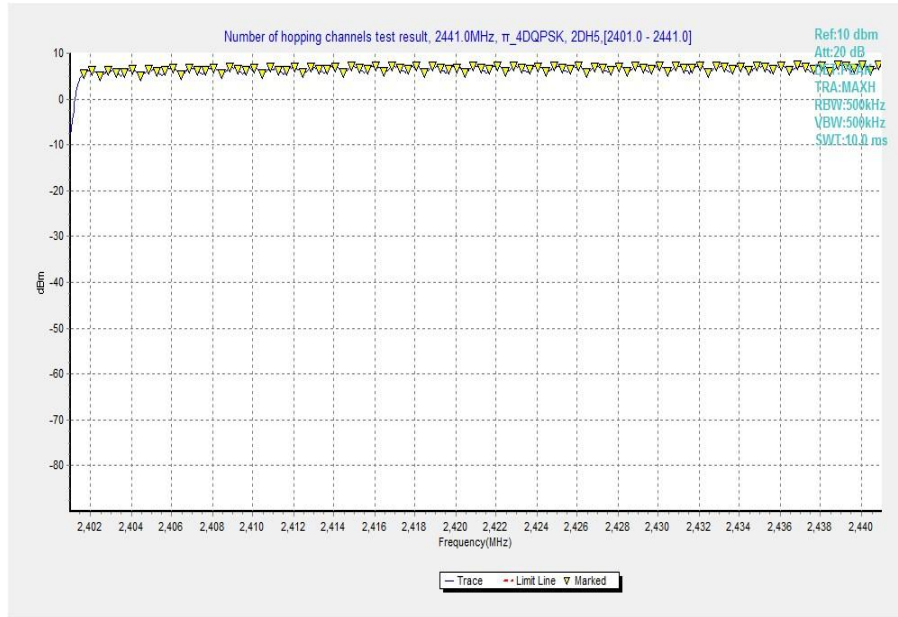


Fig. 91 Hopping channel ch0~39 (π /4 DQPSK)

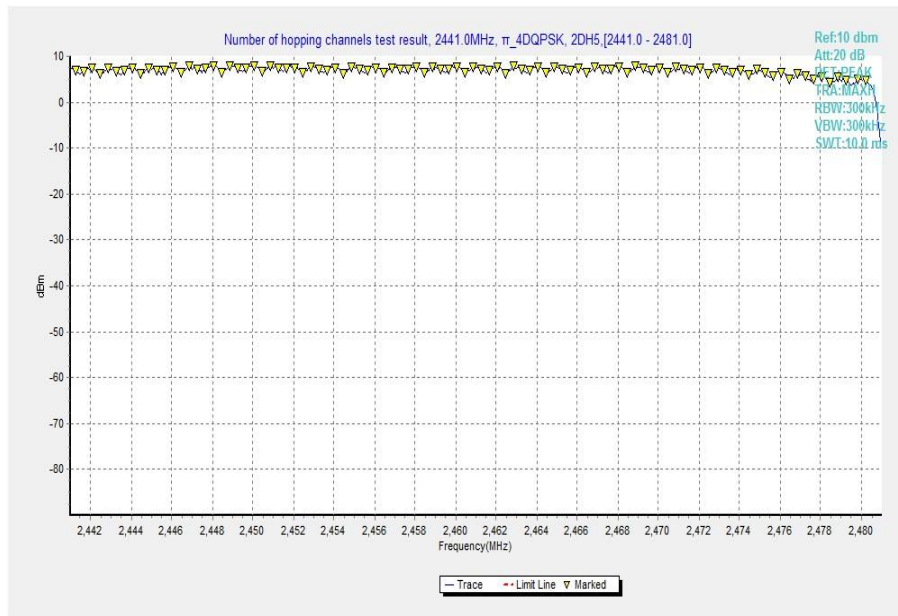


Fig. 92 Hopping channel ch39~78 (π /4 DQPSK)

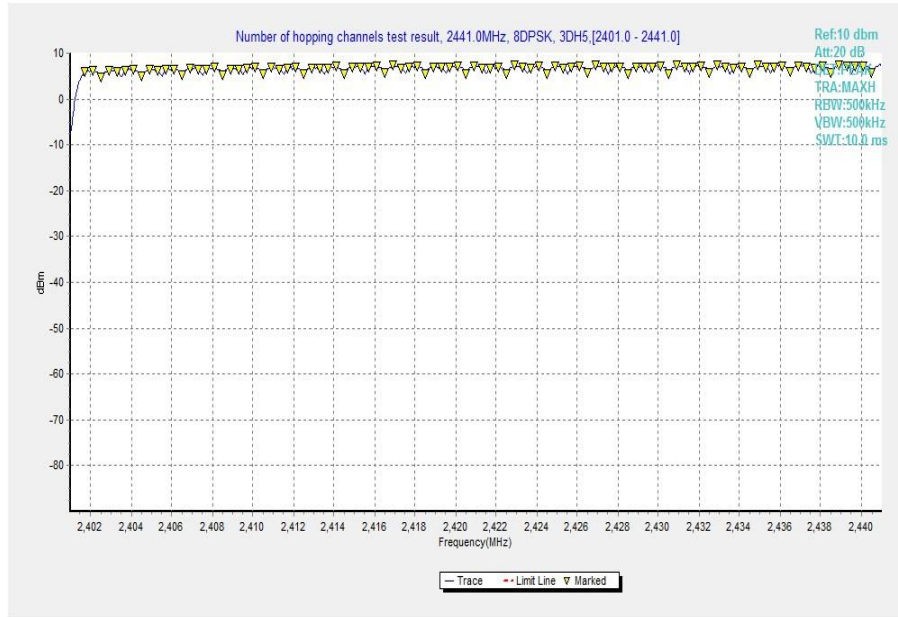


Fig. 93 Hopping channel ch0~39 (8DPSK)

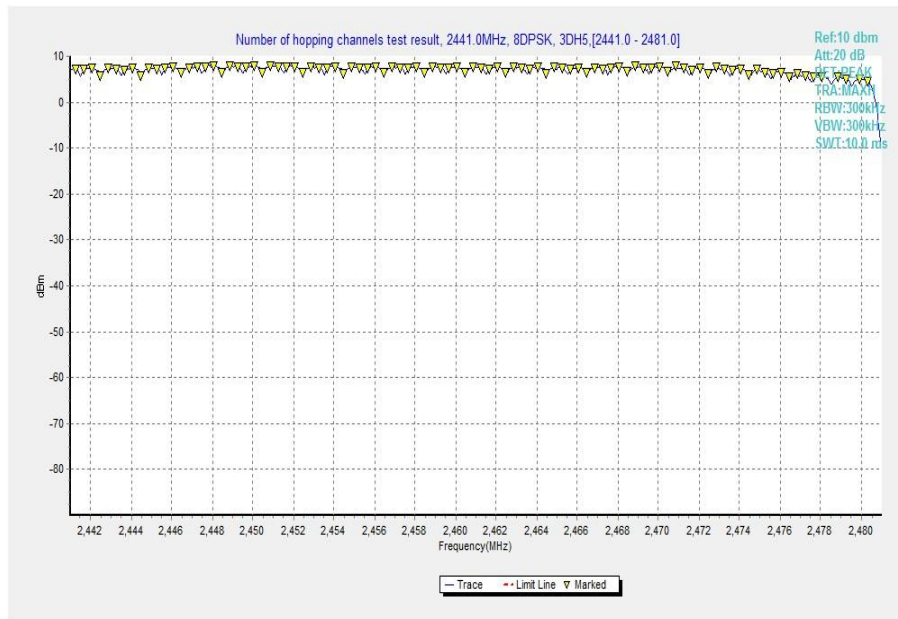


Fig. 94 Hopping channel ch39~78 (8DPSK)

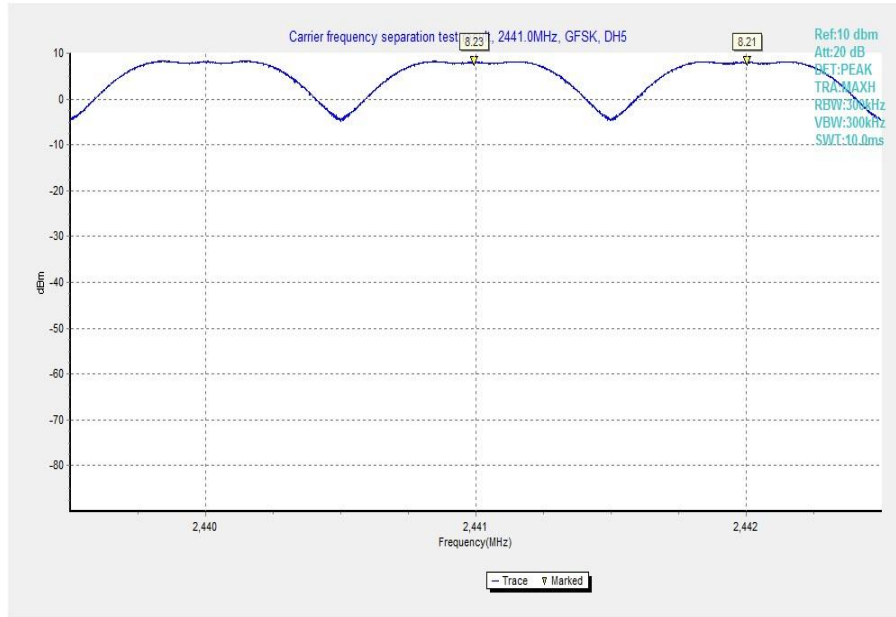


Fig. 95 Carrier Frequency Separation (GFSK, Ch39)

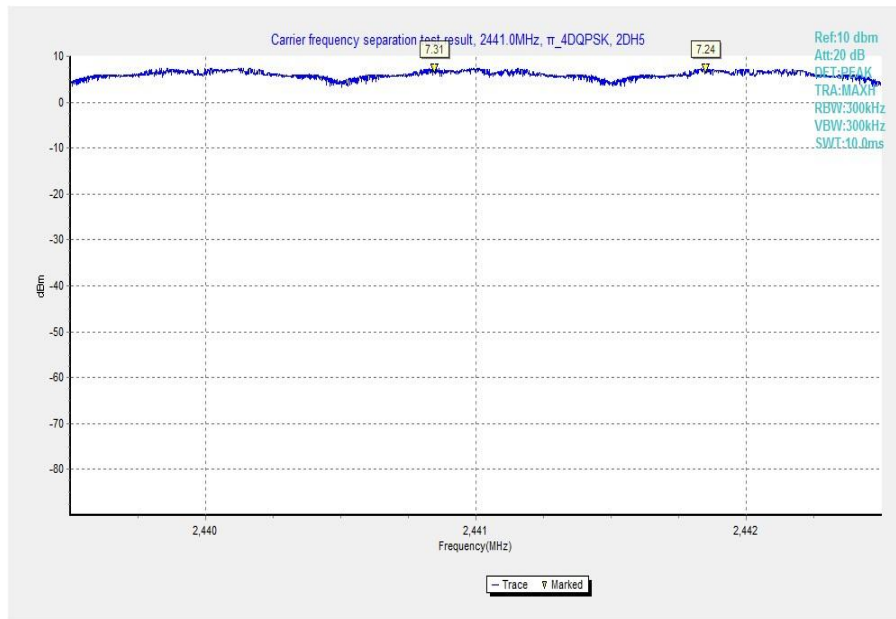


Fig. 96 Carrier Frequency Separation ($\pi/4$ DQPSK, Ch39)

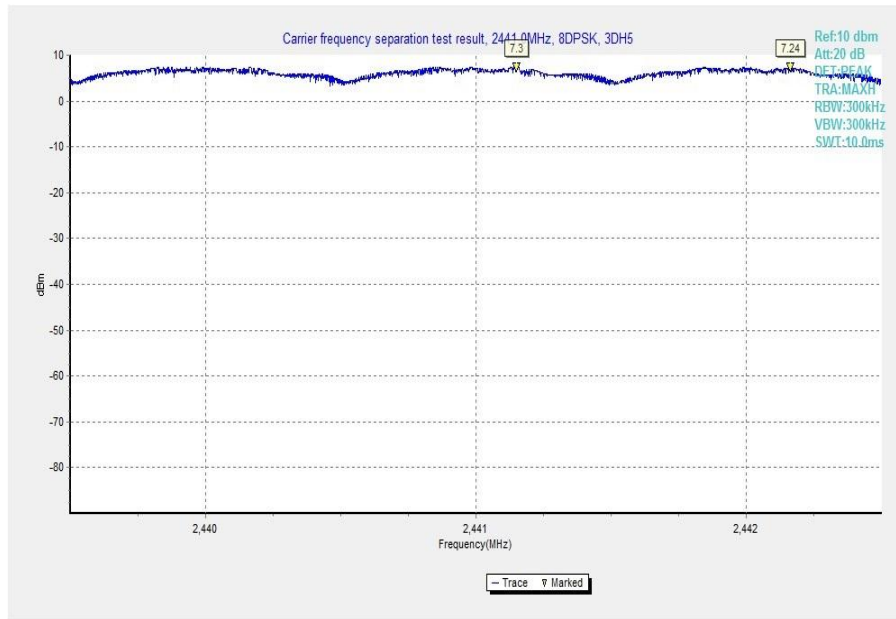


Fig. 97 Carrier Frequency Separation (8DPSK, Ch39)

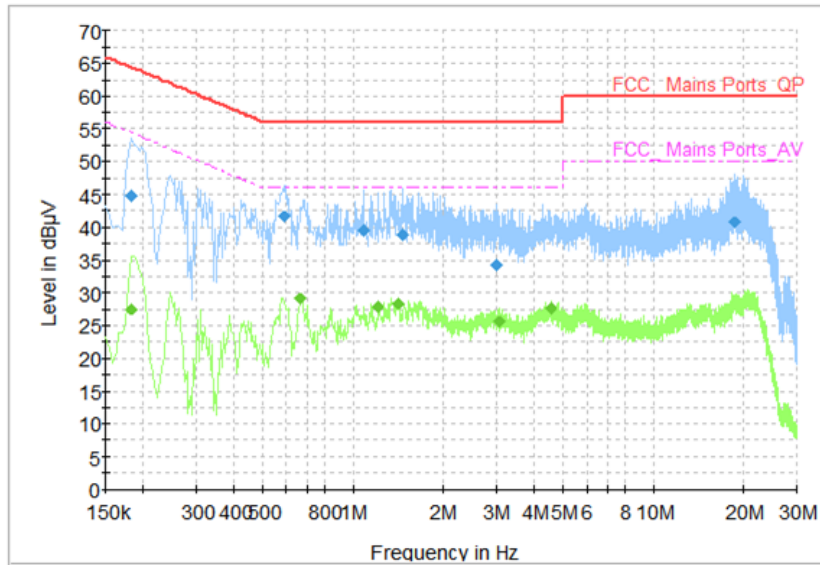


Fig. 98 AC Power line Conducted Emission (Traffic, AE1, 120V)

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

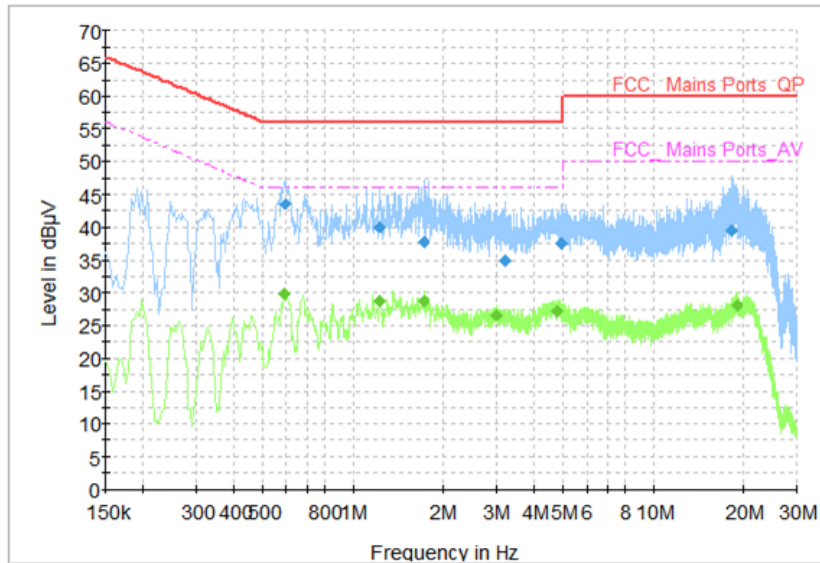


Fig. 99 AC Power line Conducted Emission (Idle, AE1, 120V)

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

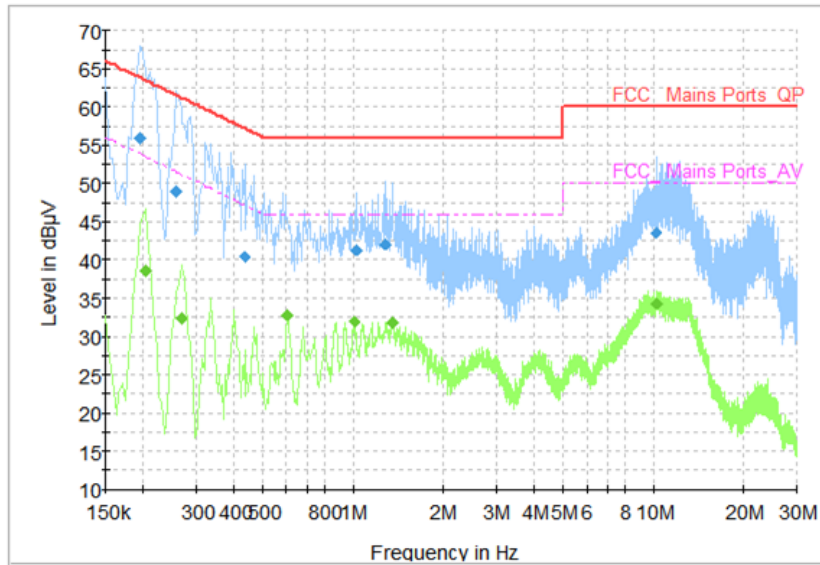


Fig. 100 AC Power line Conducted Emission (Traffic, AE2, 120V)

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

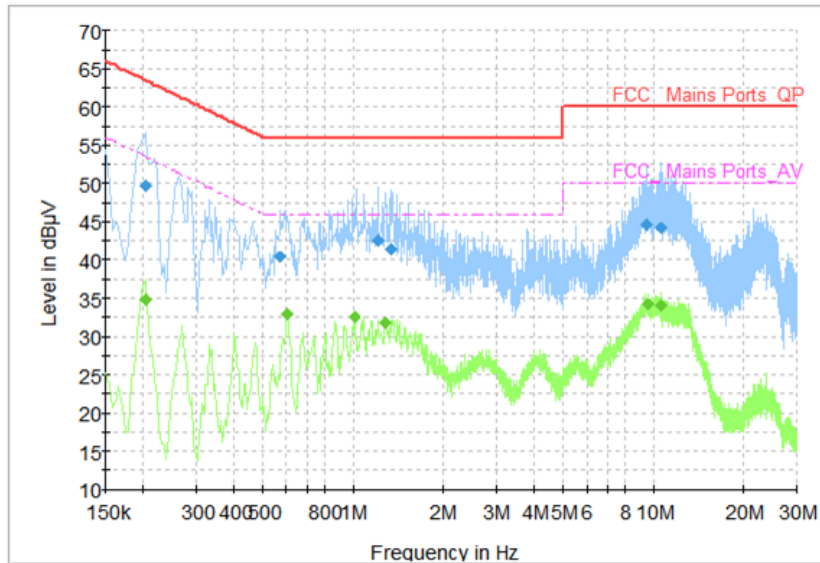


Fig. 101 AC Power line Conducted Emission (Idle, AE2, 120V)

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

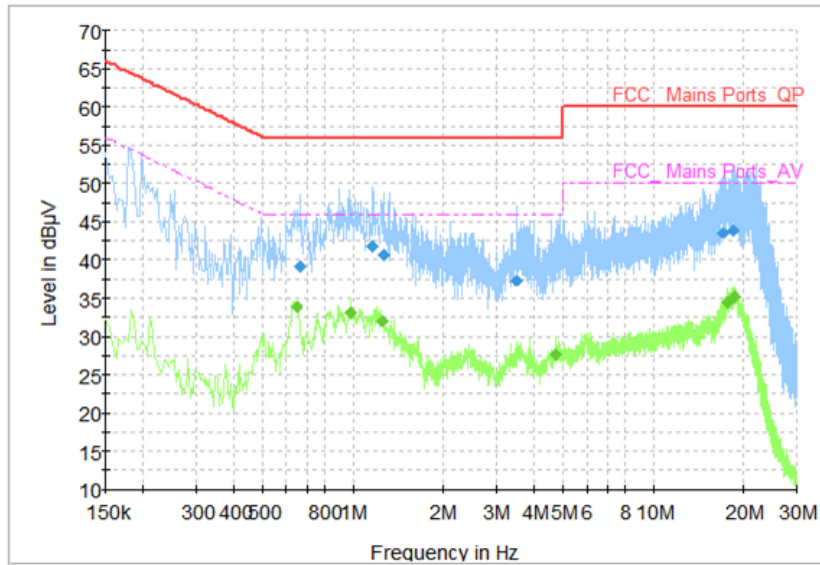


Fig. 102 AC Power line Conducted Emission (Traffic, AE3, 120V)

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

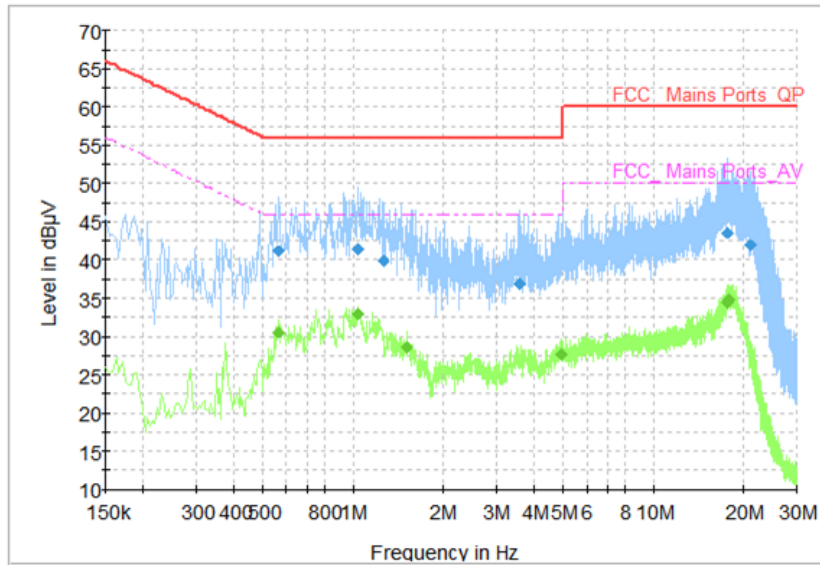


Fig. 103 AC Power line Conducted Emission (Idle, AE3, 120V)

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