

Fig. 61 Radiated Spurious Emission (GFSK, Ch39, 30 MHz ~1 GHz)

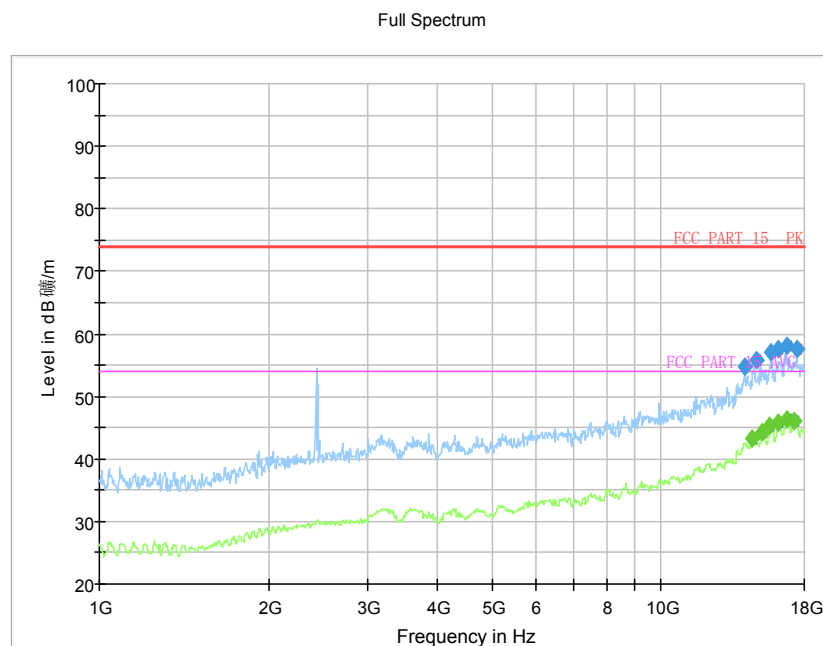


Fig. 62 Radiated Spurious Emission (GFSK, Ch39, 1 GHz ~18 GHz)

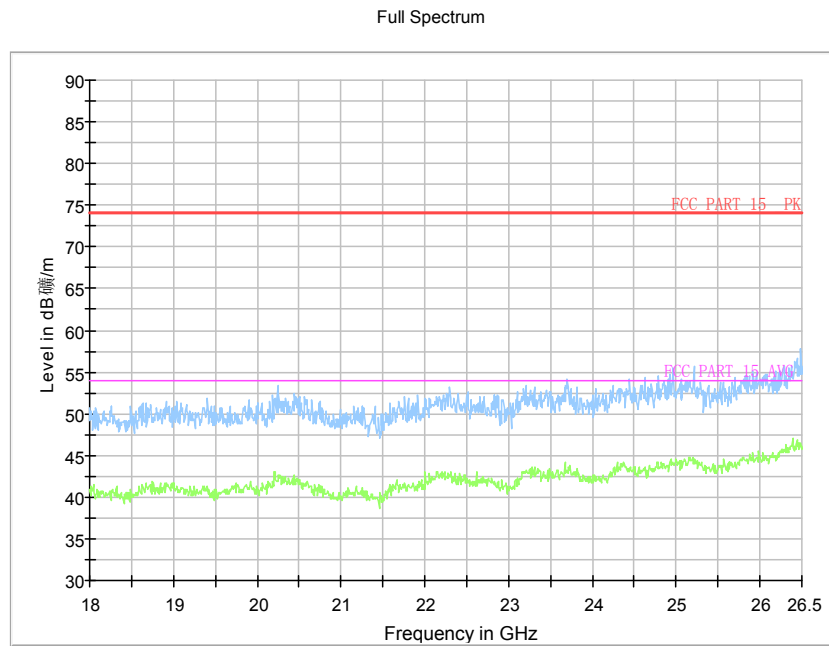


Fig. 63 Radiated Spurious Emission (GFSK, Ch39, 18 GHz ~26.5 GHz)

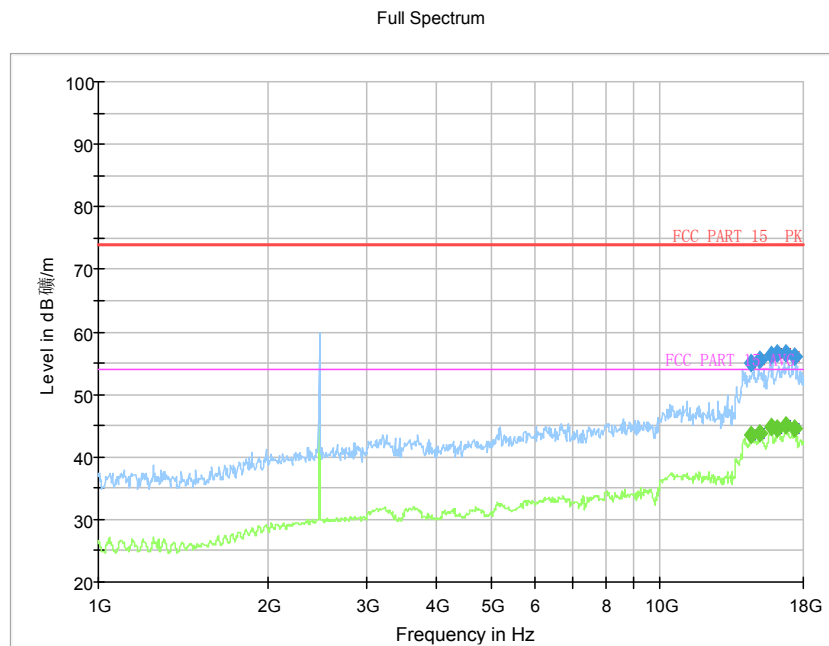


Fig. 64 Radiated Spurious Emission (GFSK, Ch78, 1 GHz ~18 GHz)

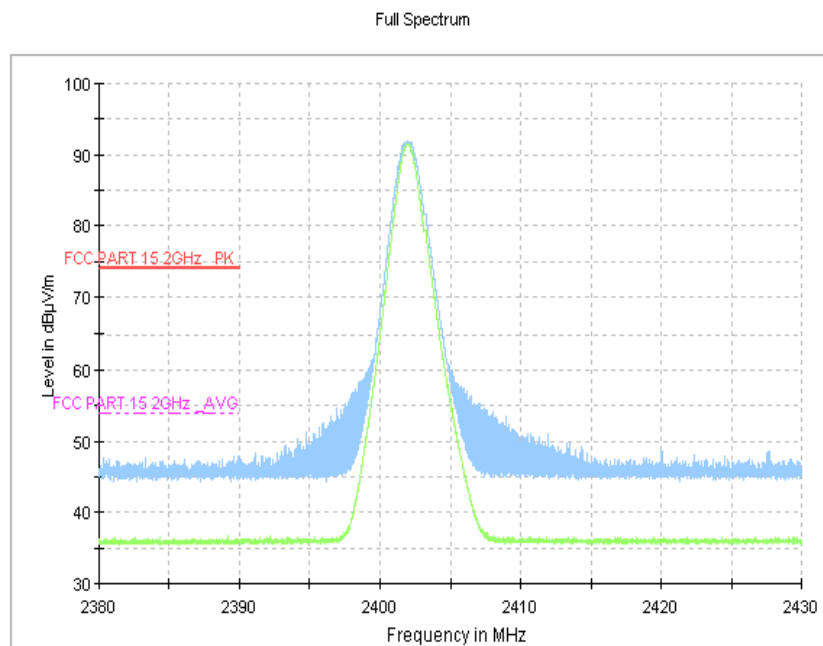


Fig. 65 Radiated Emission Power (GFSK, Ch0, 2380GHz~2450GHz)

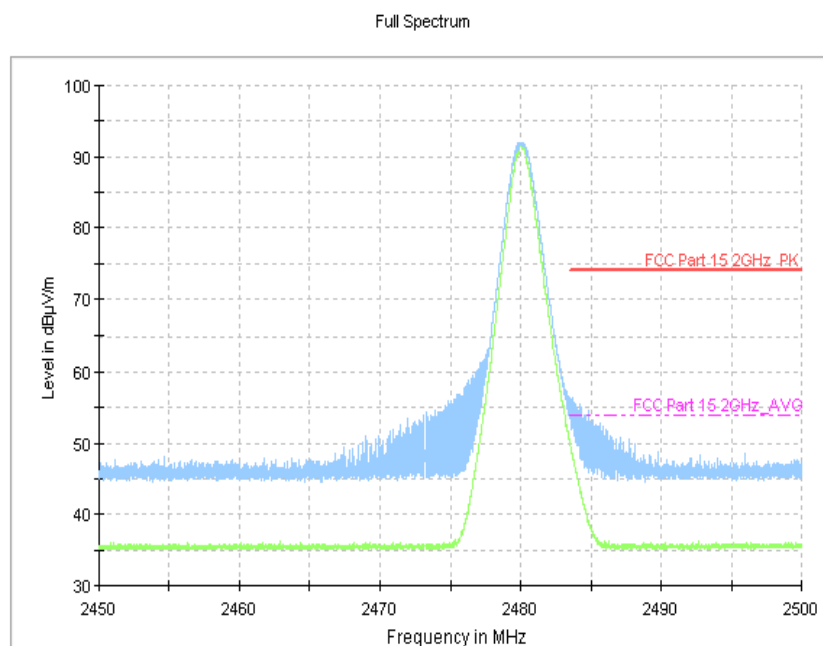


Fig. 66 Radiated Emission Power (GFSK, Ch78, 2450GHz~2500GHz)

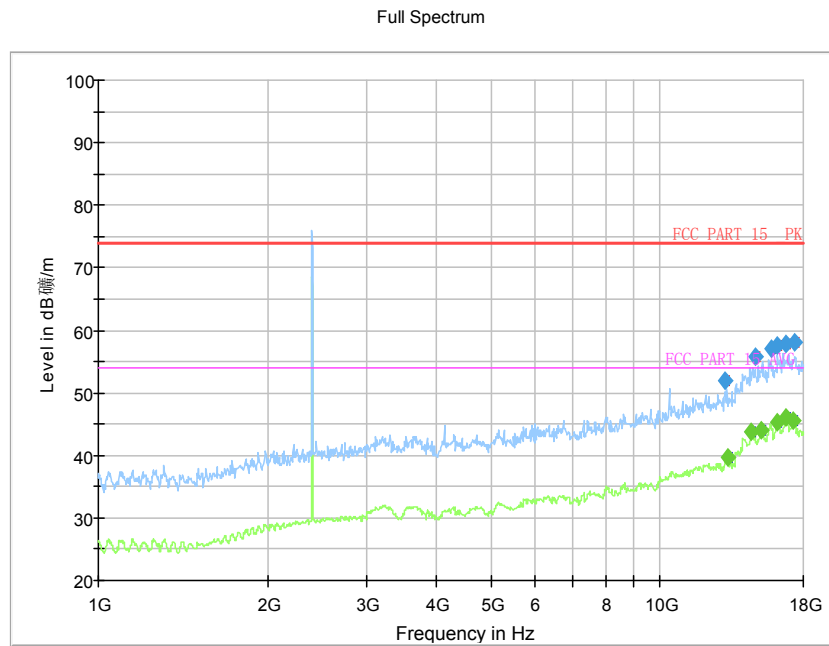


Fig. 67 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch0, 1 GHz ~18 GHz)

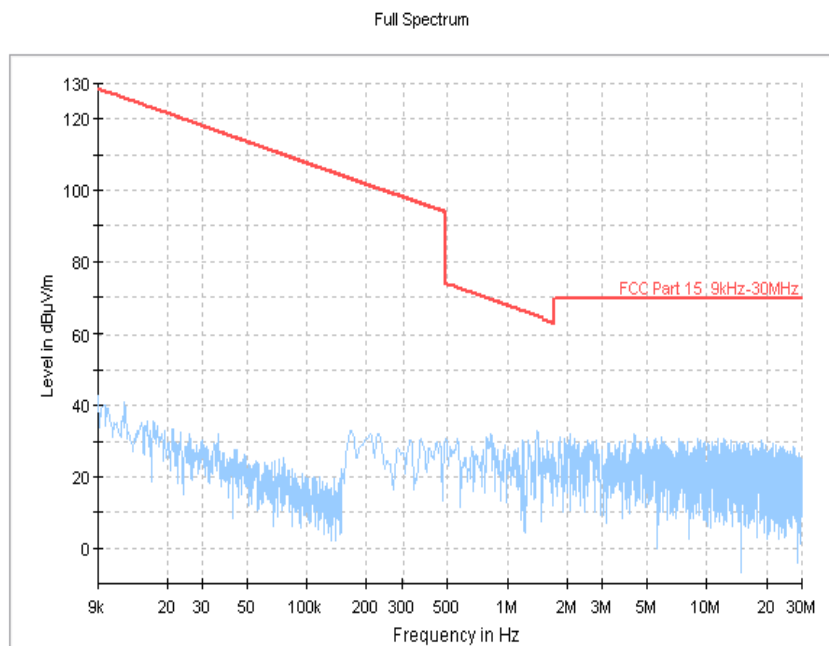


Fig. 68 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch39, 9 kHz ~30 MHz)

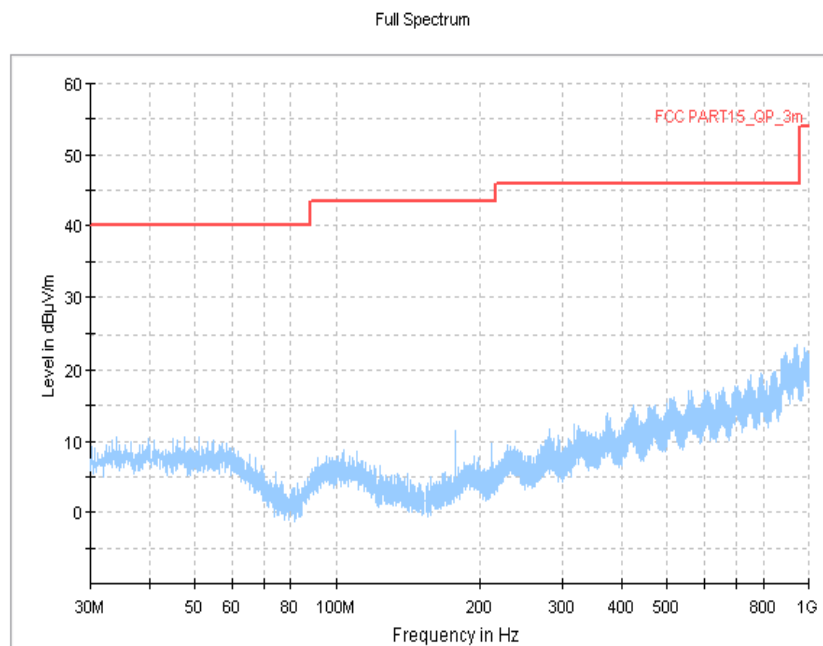


Fig. 69 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch39, 30 MHz ~1 GHz)

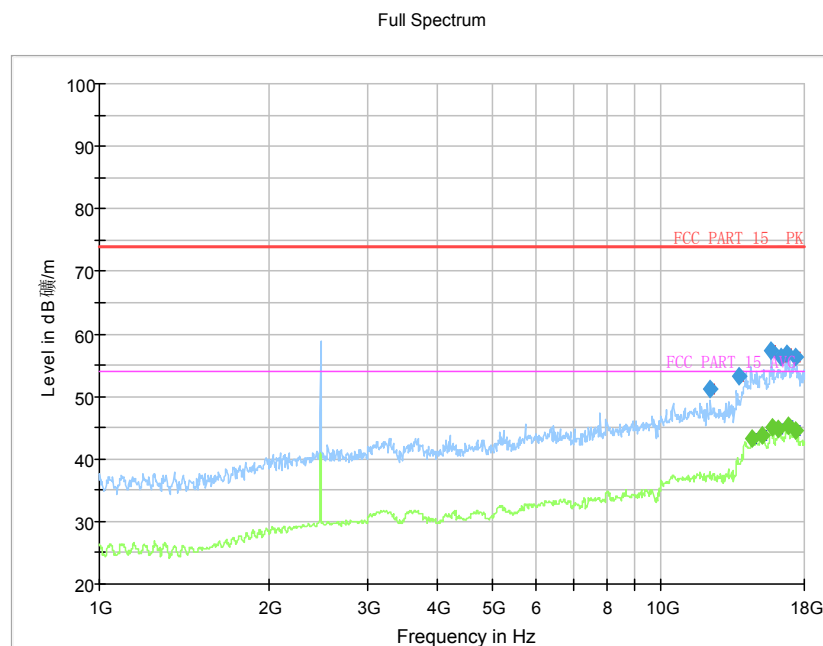


Fig. 70 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch39, 1 GHz ~18 GHz)

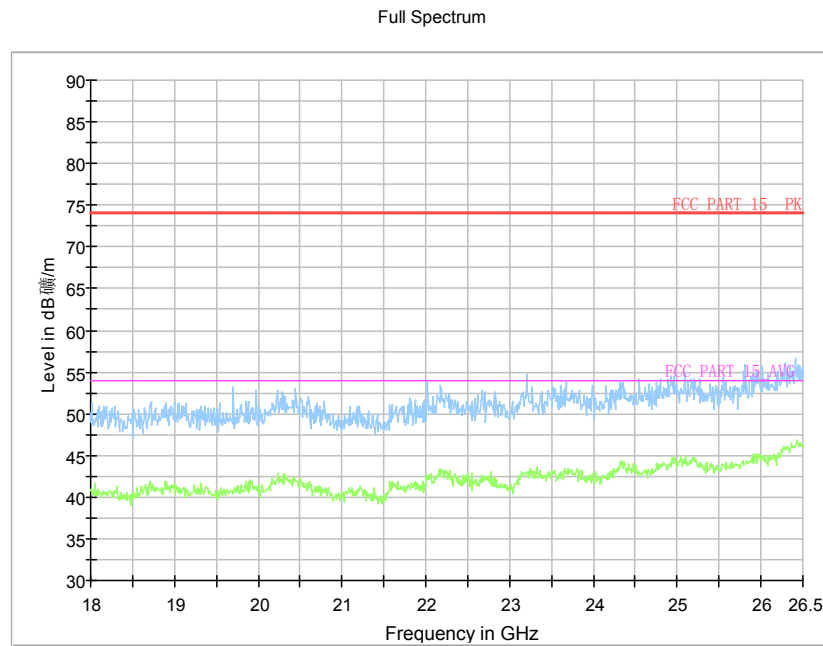


Fig. 71 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch39, 18 GHz ~26.5 GHz)

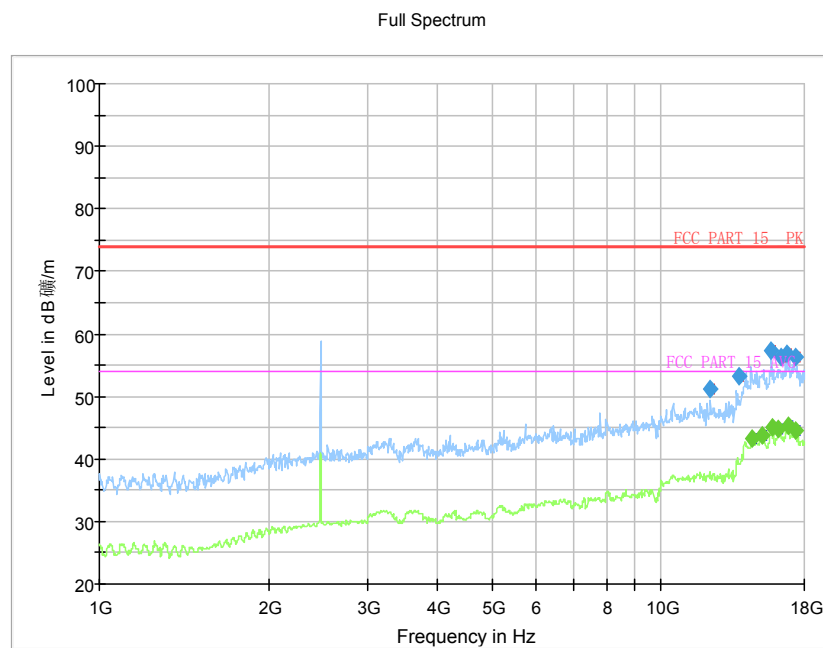


Fig. 72 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch78, 1 GHz ~18 GHz)

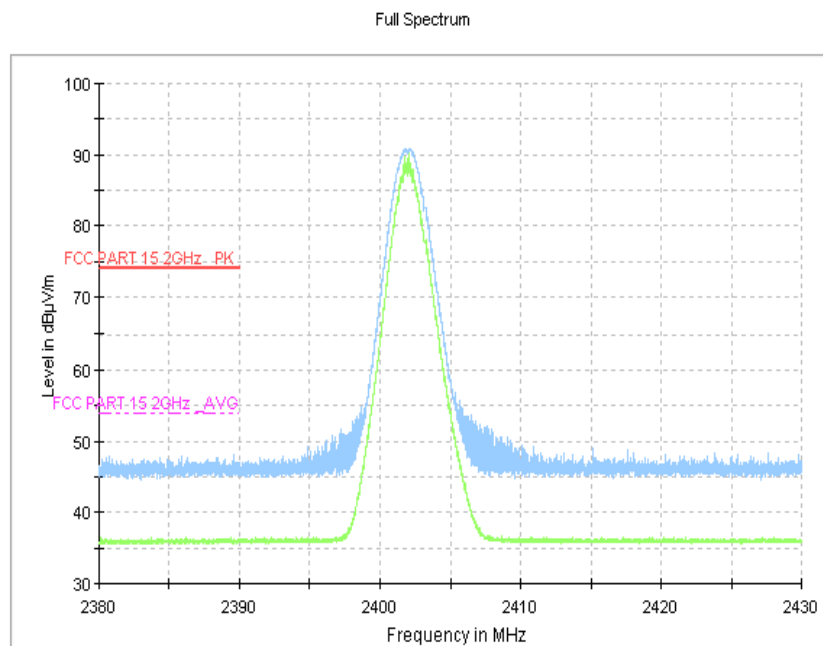


Fig. 73 Radiated Emission Power ($\pi/4$ DQPSK, Ch0, 2380GHz~2450GHz)

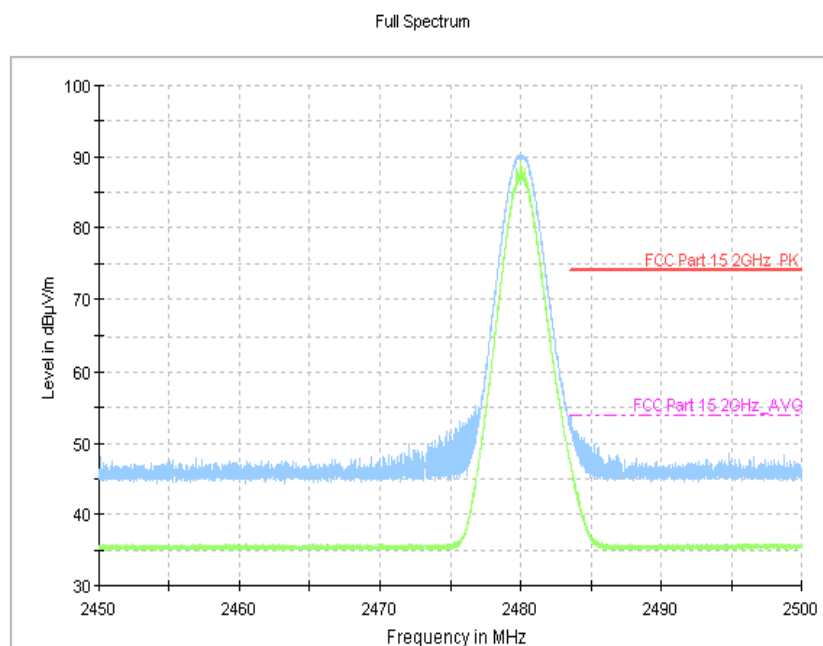


Fig. 74 Radiated Emission Power ($\pi/4$ DQPSK, Ch78, 2450GHz~2500GHz)

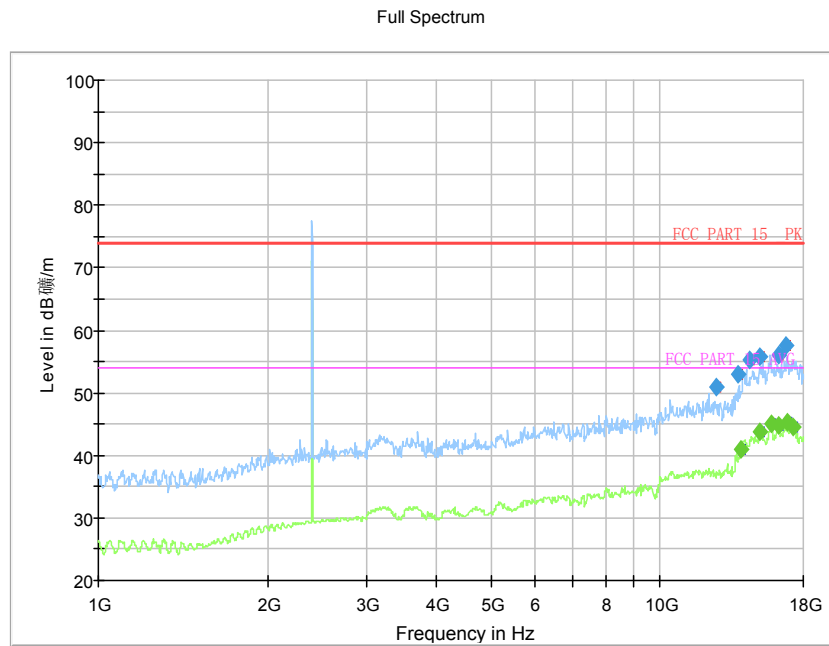


Fig. 75 Radiated Spurious Emission (8DPSK, Ch0, 1 GHz ~18 GHz)

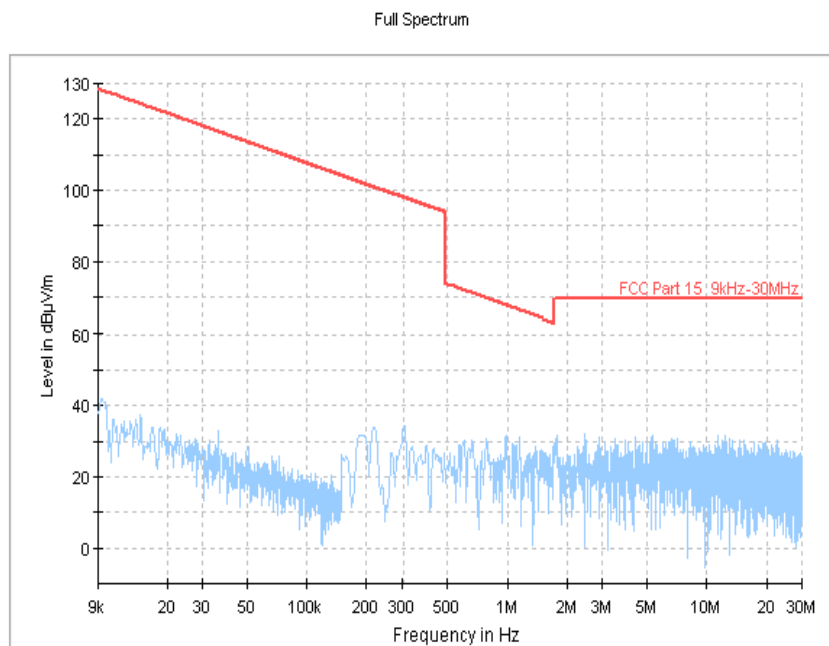


Fig. 76 Radiated Spurious Emission (8DPSK, Ch39, 9 kHz ~30 MHz)

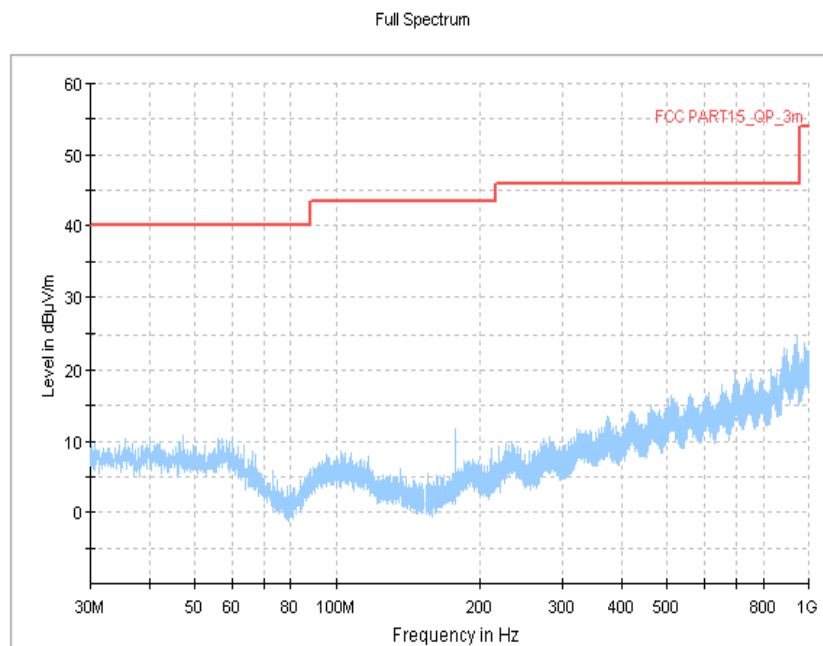


Fig. 77 Radiated Spurious Emission (8DPSK, Ch39, 30 MHz ~1 GHz)

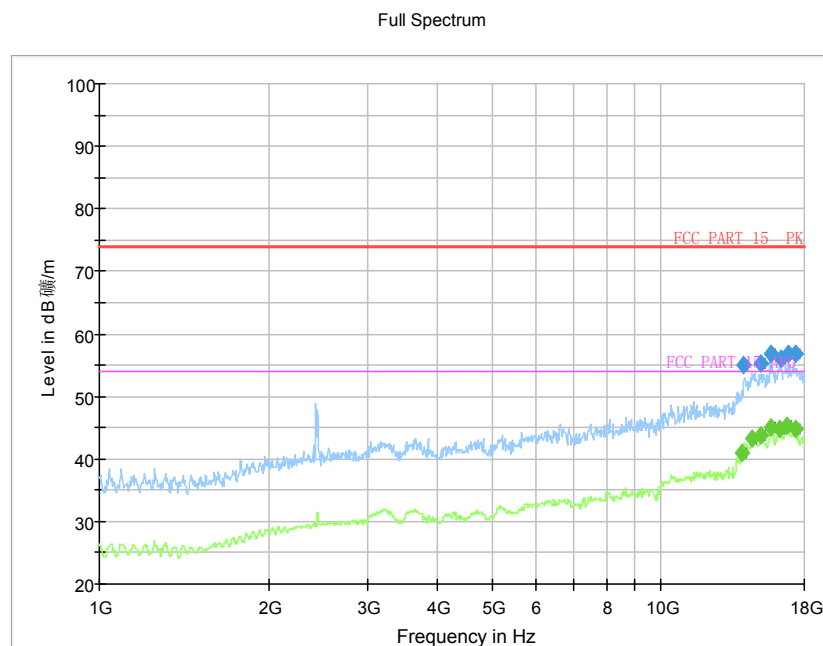


Fig. 78 Radiated Spurious Emission (8DPSK, Ch39, 1 GHz ~18 GHz)

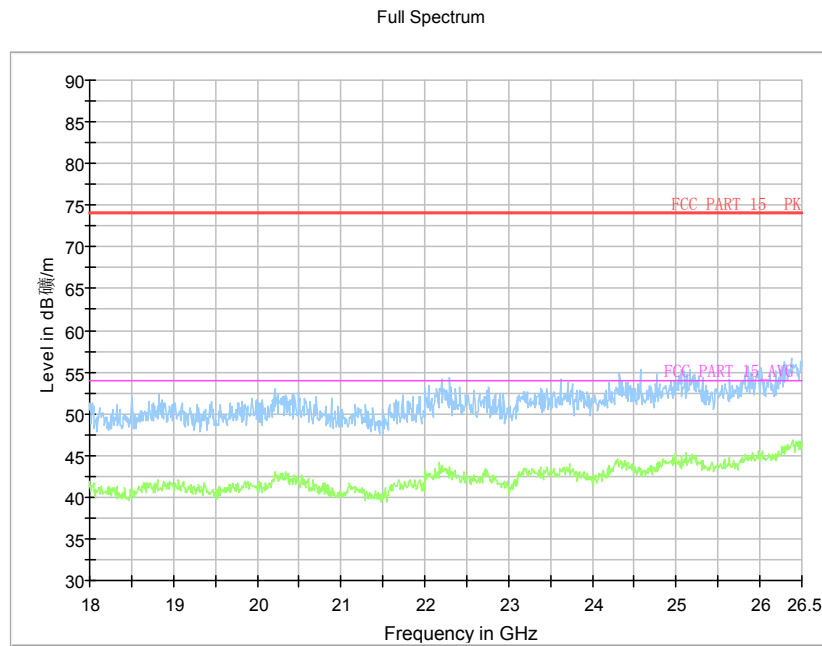


Fig. 79 Radiated Spurious Emission (8DPSK, Ch39, 18 GHz ~26.5 GHz)

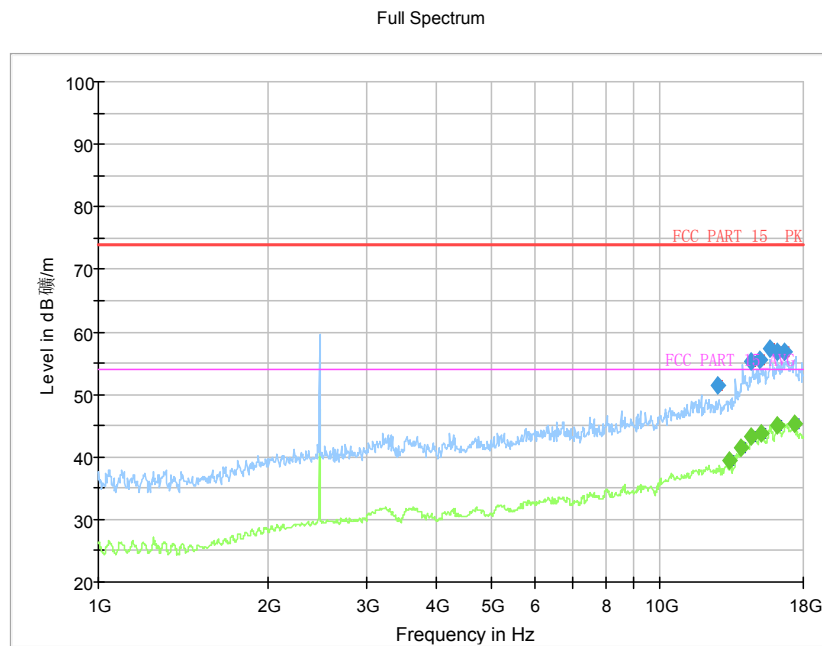


Fig. 80 Radiated Spurious Emission (8DPSK, Ch78, 1 GHz ~18 GHz)

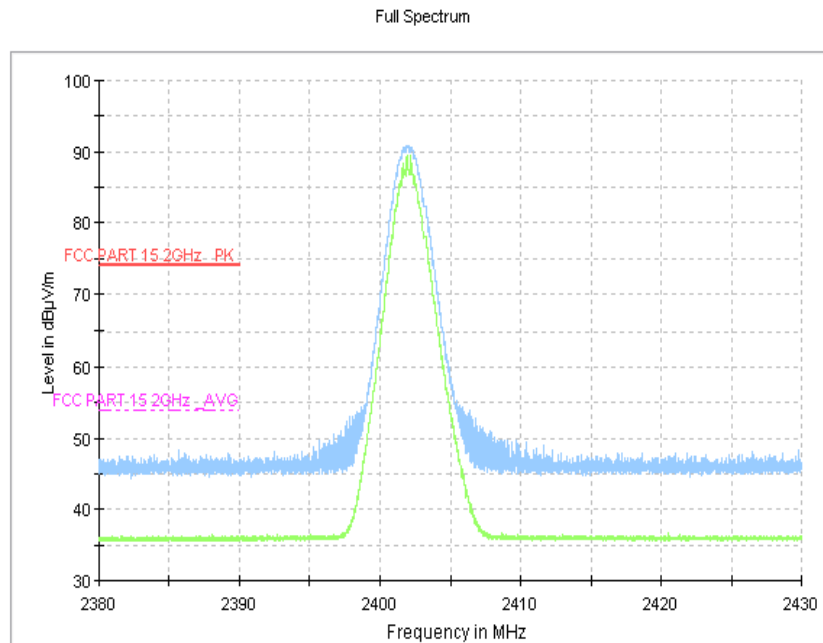


Fig. 81 Radiated Emission Power (8DPSK, Ch0, 2380GHz~2450GHz)

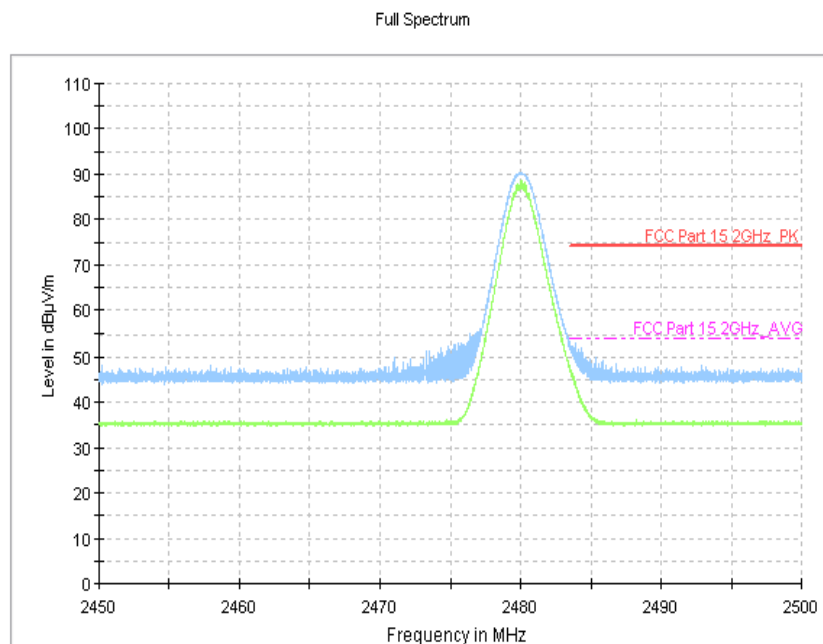


Fig. 82 Radiated Emission Power (8DPSK, Ch78, 2450GHz~2500GHz)

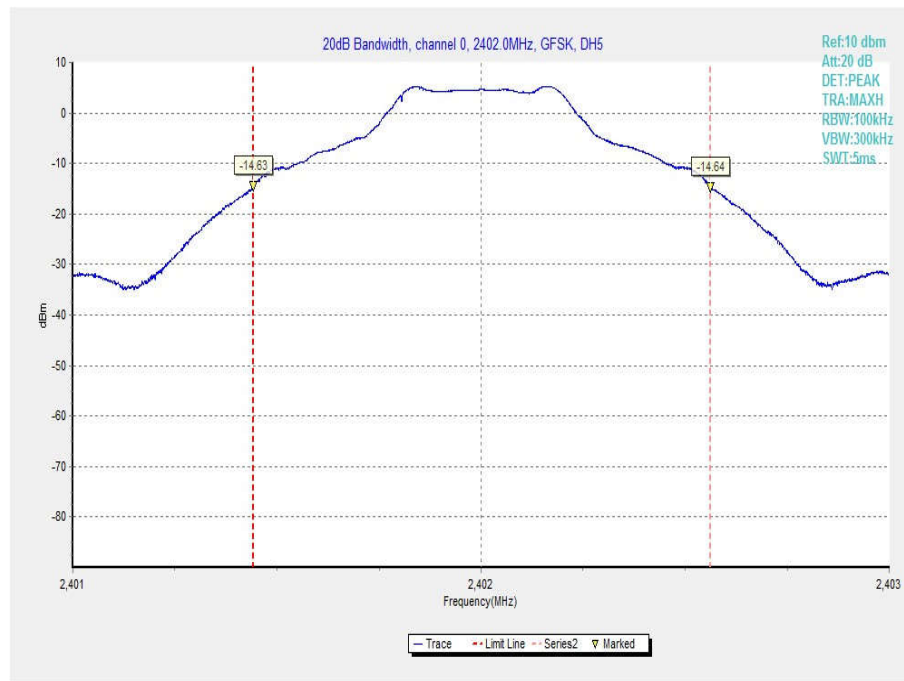


Fig. 83 20dB Bandwidth (GFSK, Ch 0)

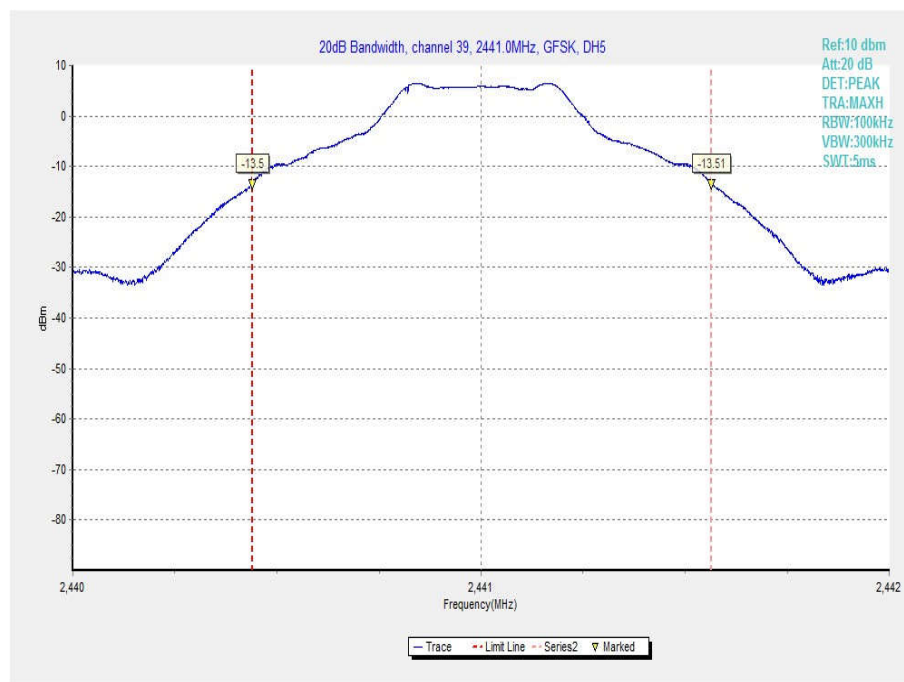


Fig. 84 20dB Bandwidth (GFSK, Ch 39)

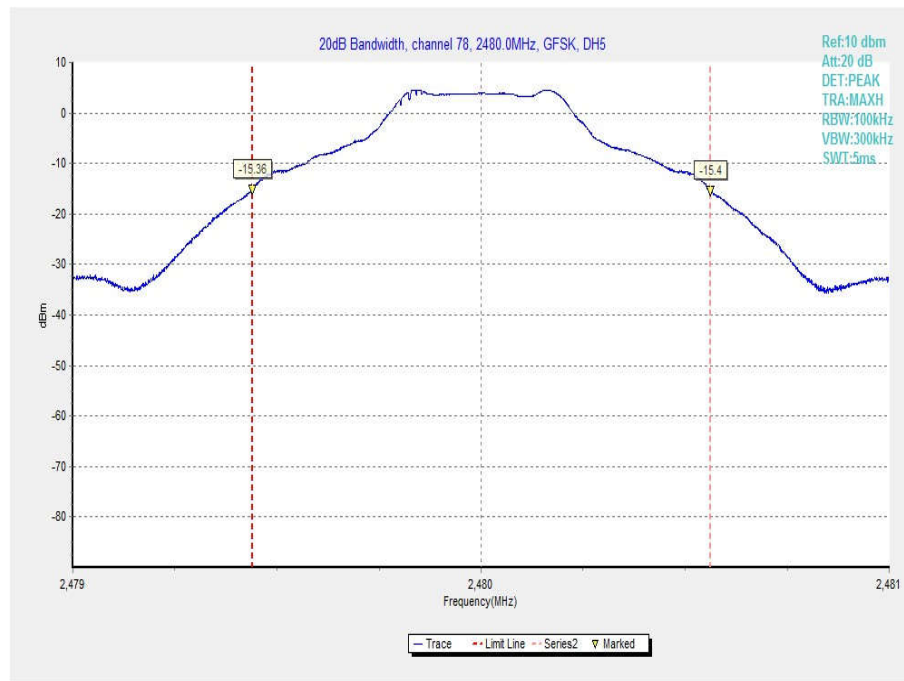


Fig. 85 20dB Bandwidth (GFSK, Ch 78)

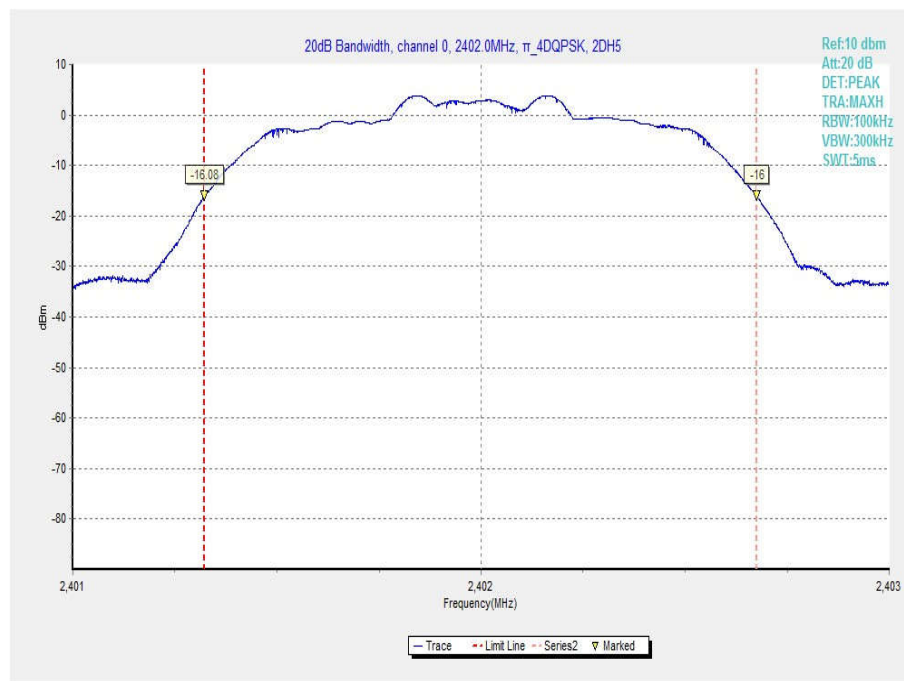


Fig. 86 20dB Bandwidth ($\pi/4$ DQPSK, Ch 0)

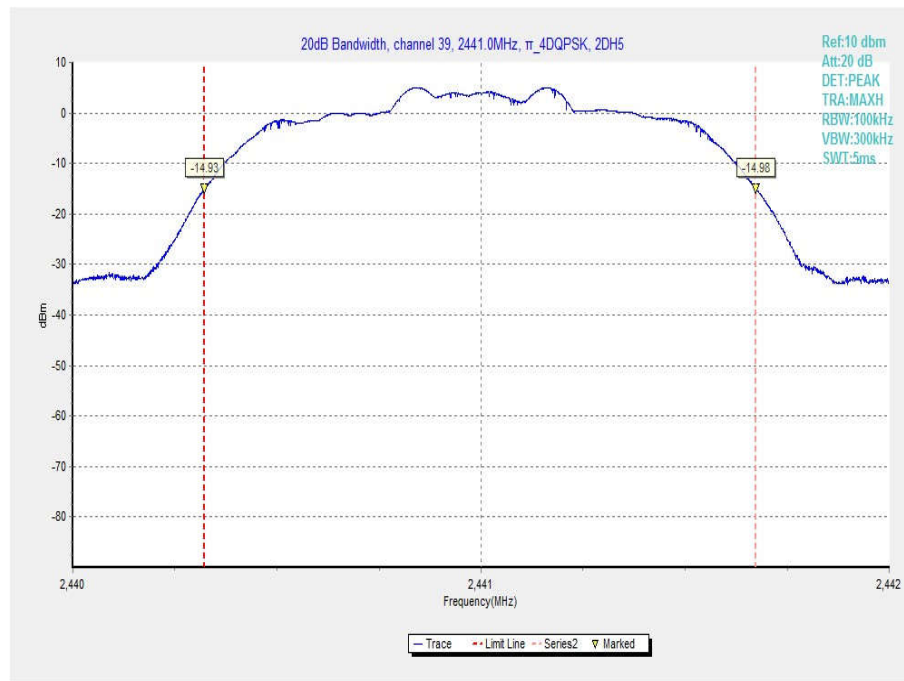


Fig. 87 20dB Bandwidth ($\pi/4$ DQPSK, Ch 39)

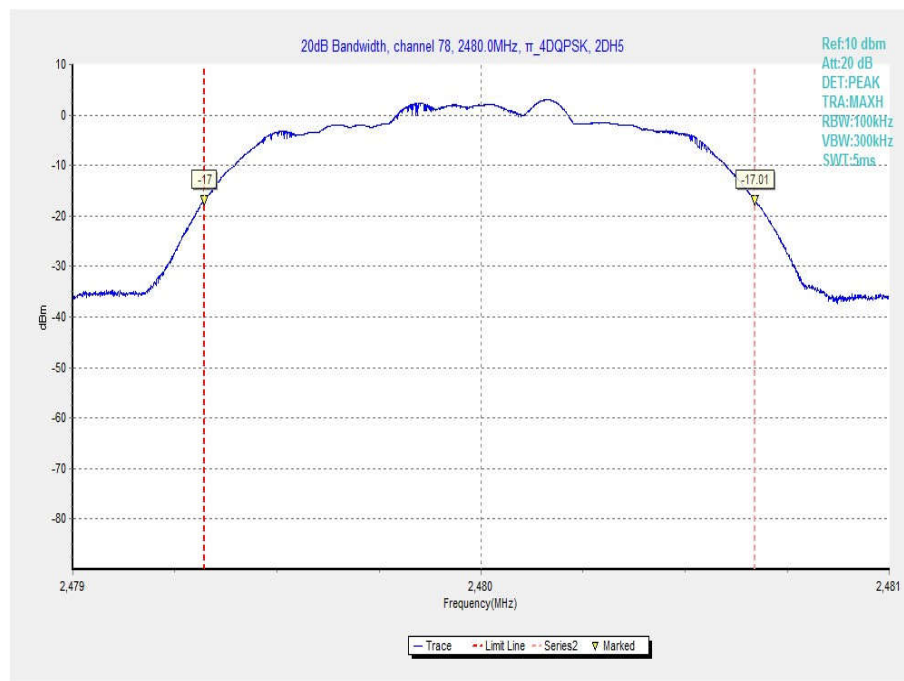


Fig. 88 20dB Bandwidth ($\pi/4$ DQPSK, Ch 78)

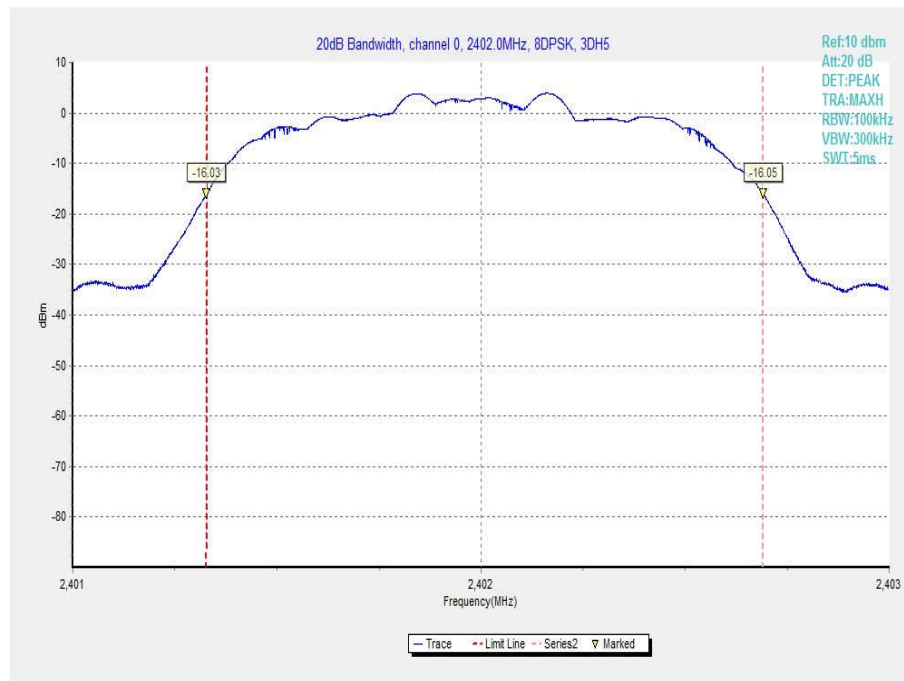


Fig. 89 20dB Bandwidth (8DPSK, Ch 0)

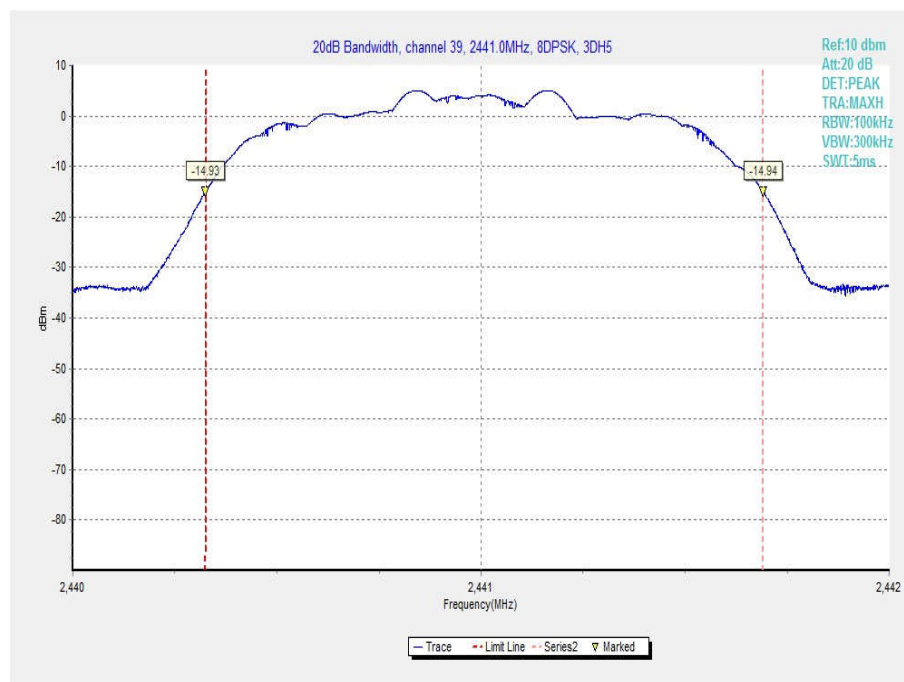


Fig. 90 20dB Bandwidth (8DPSK, Ch 39)

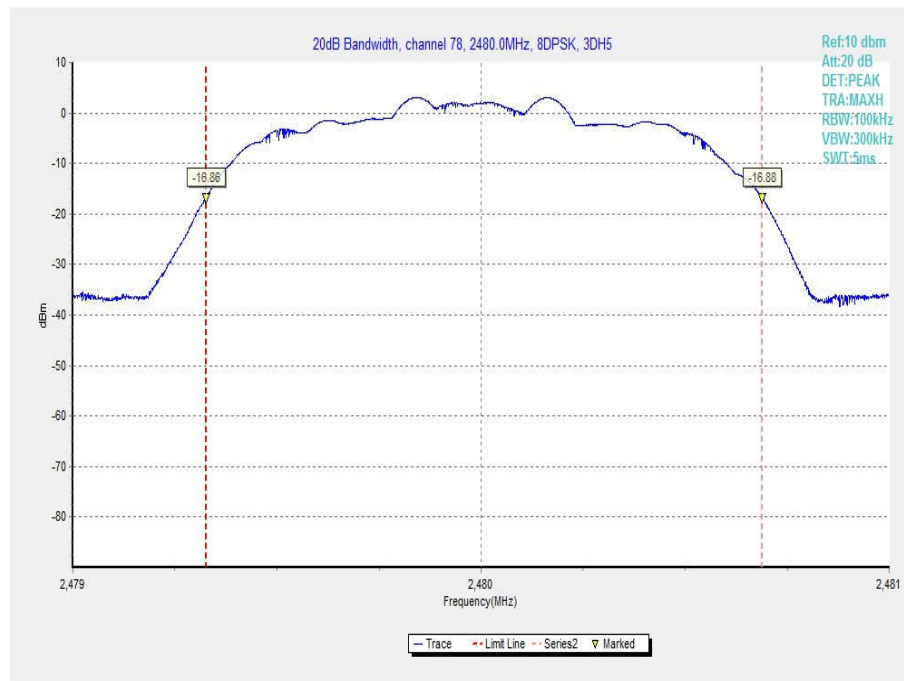


Fig. 91 20dB Bandwidth (8DPSK, Ch 78)

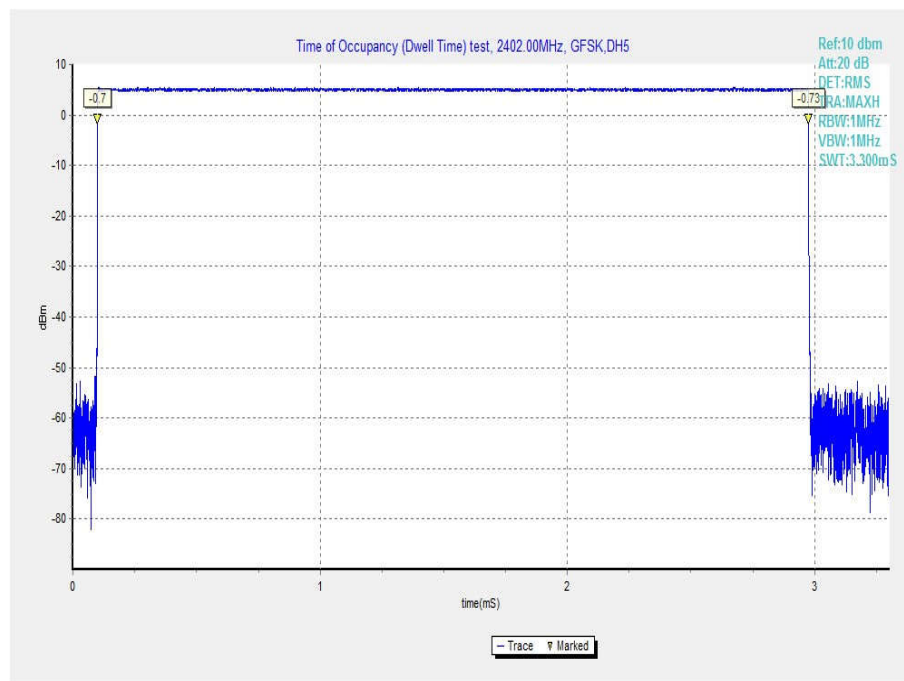


Fig. 92 Time of Occupancy(Dwell Time) (GFSK, Ch39)

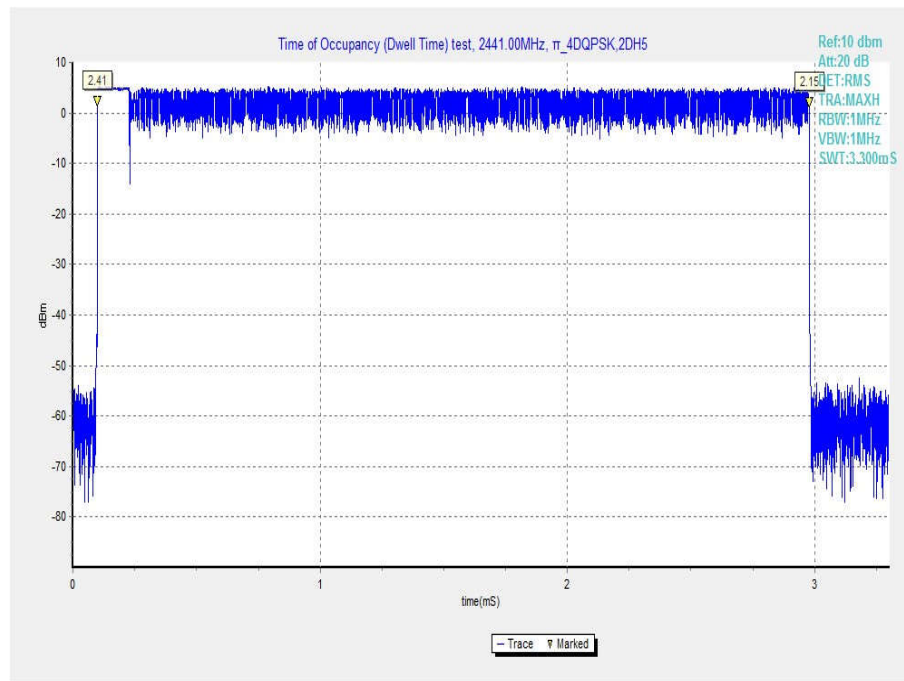


Fig. 93 Time of Occupancy(Dwell Time) (π /4 DQPSK, Ch39)

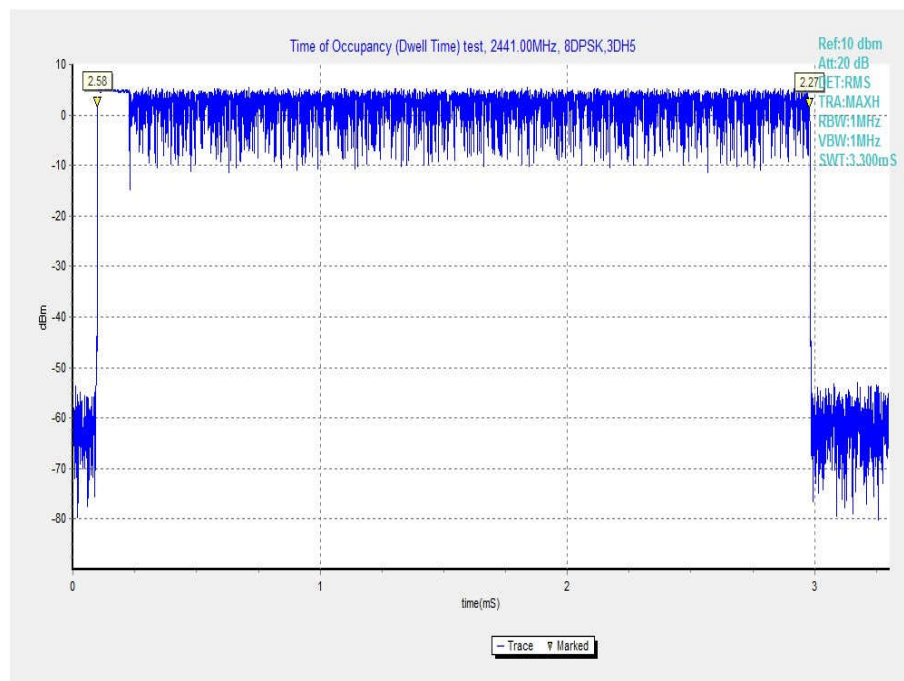


Fig. 94 Time of Occupancy(Dwell Time) (8DPSK, Ch39)

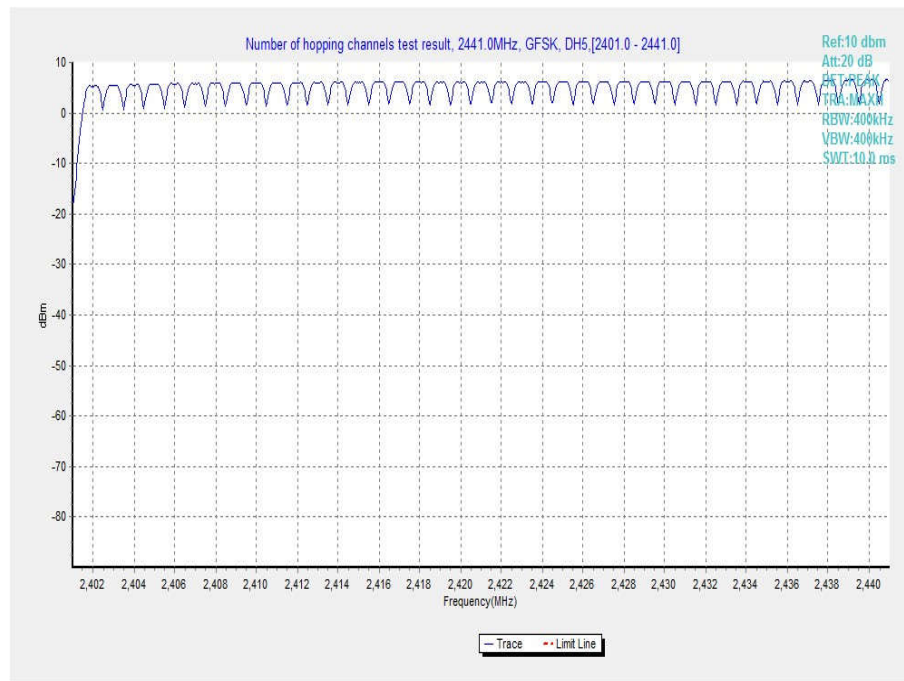


Fig. 95 Hopping channel ch0~39 (GFSK, Ch39)

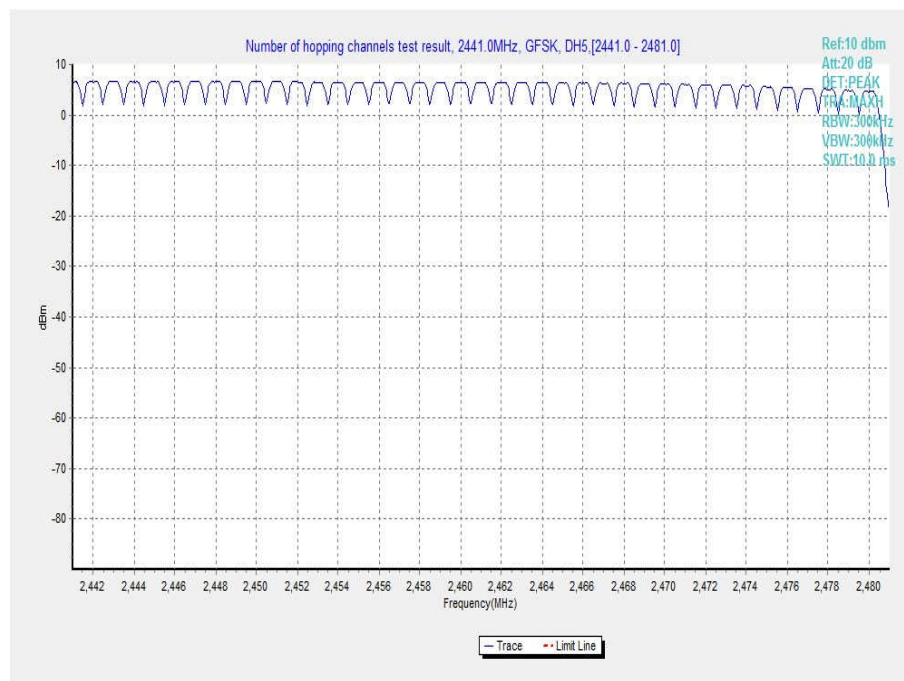


Fig. 96 Hopping channel ch39~78 (GFSK, Ch39)

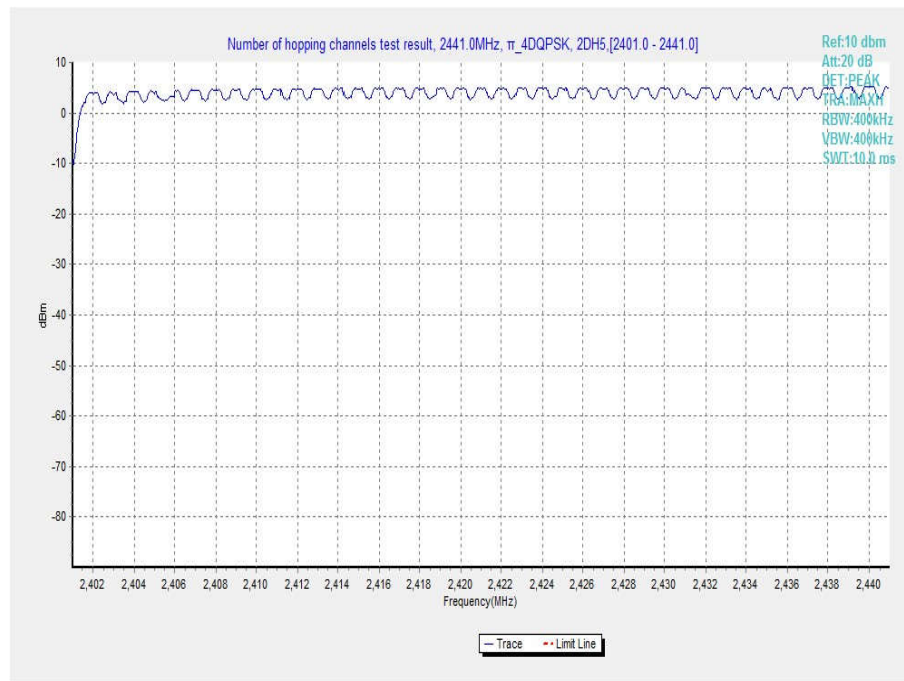


Fig. 97 Hopping channel ch0~39 ($\pi/4$ DQPSK, Ch39)

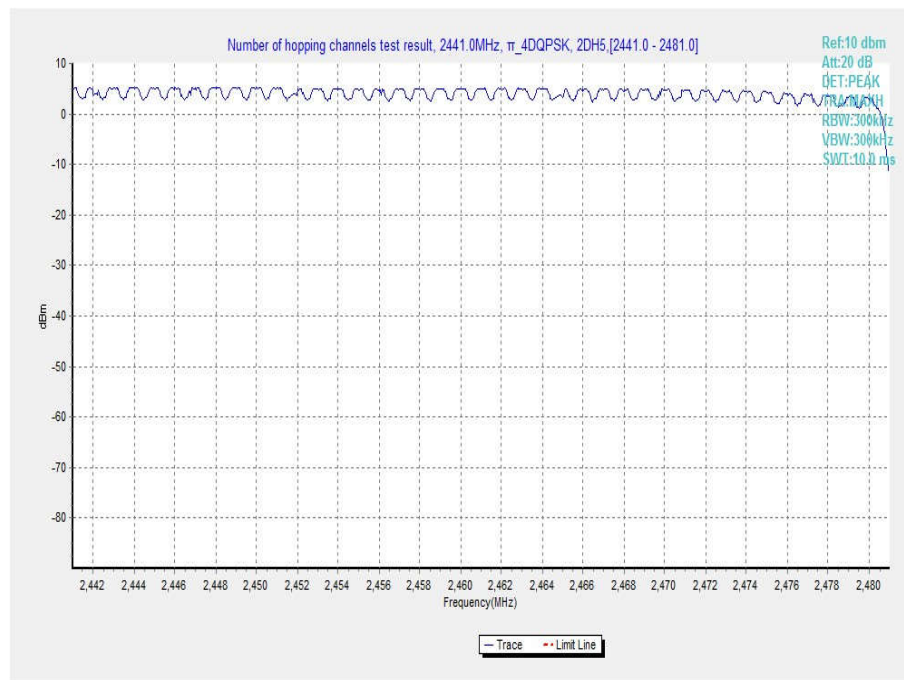


Fig. 98 Hopping channel ch39~78 ($\pi/4$ DQPSK, Ch39)

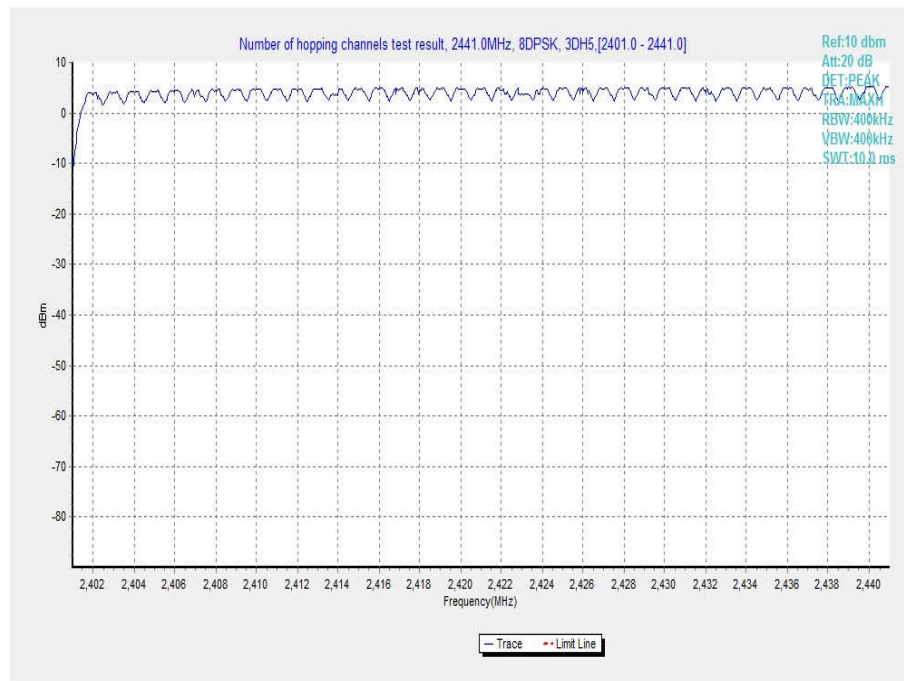


Fig. 99 Hopping channel ch0~39 (8DPSK, Ch39)

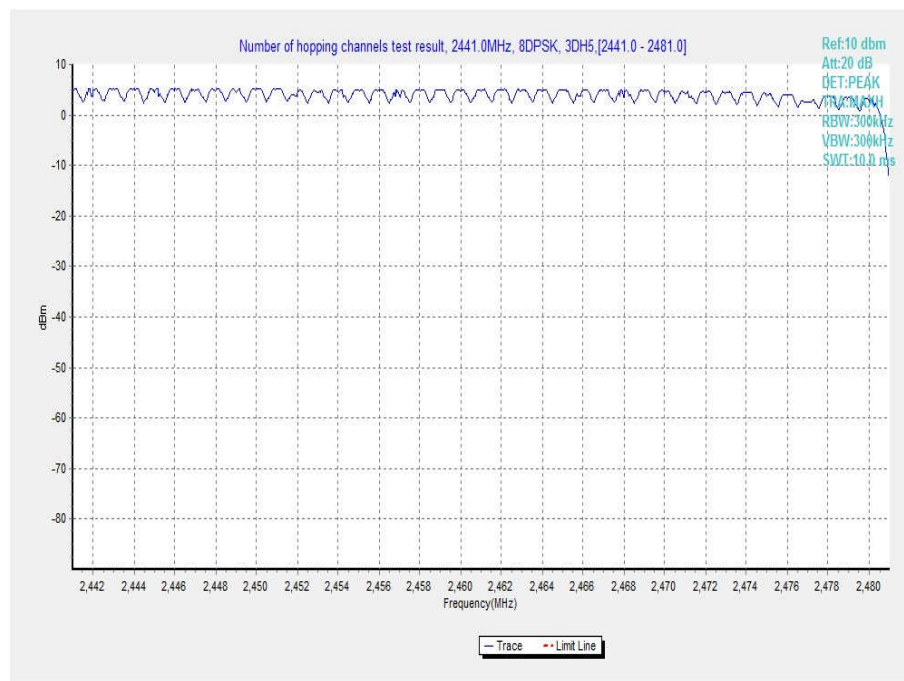


Fig. 100 Hopping channel ch39~78 (8DPSK, Ch39)

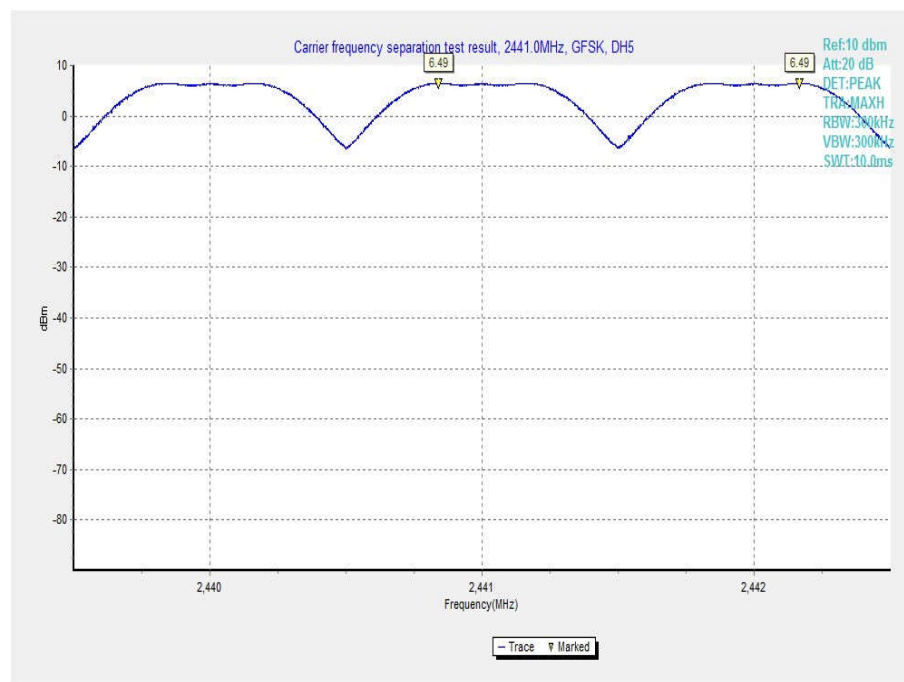


Fig. 101 Carrier Frequency Separation (GFSK, Ch39)

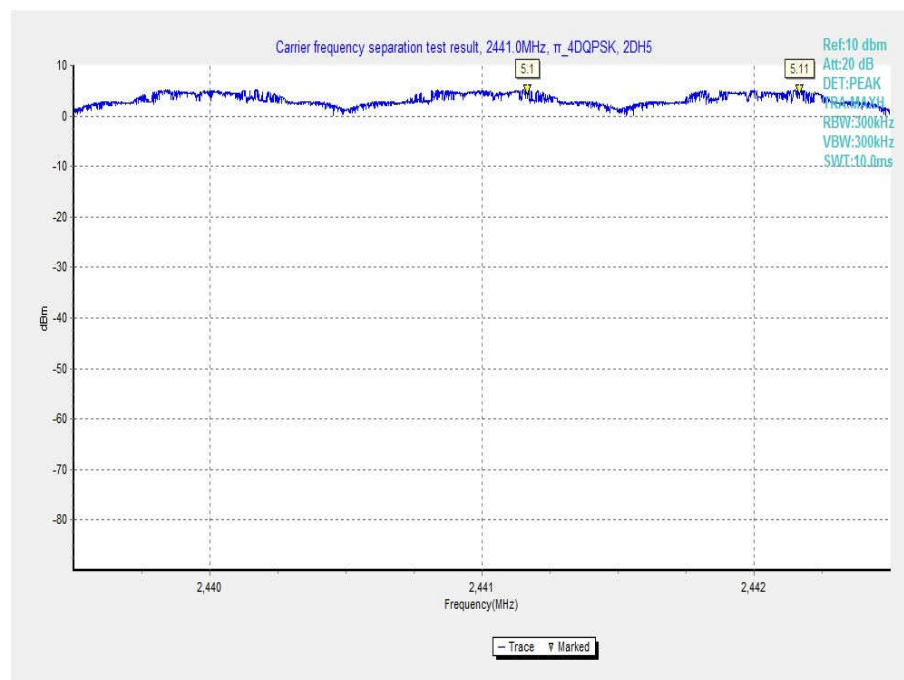


Fig. 102 Carrier Frequency Separation ($\pi/4$ DQPSK, Ch39)

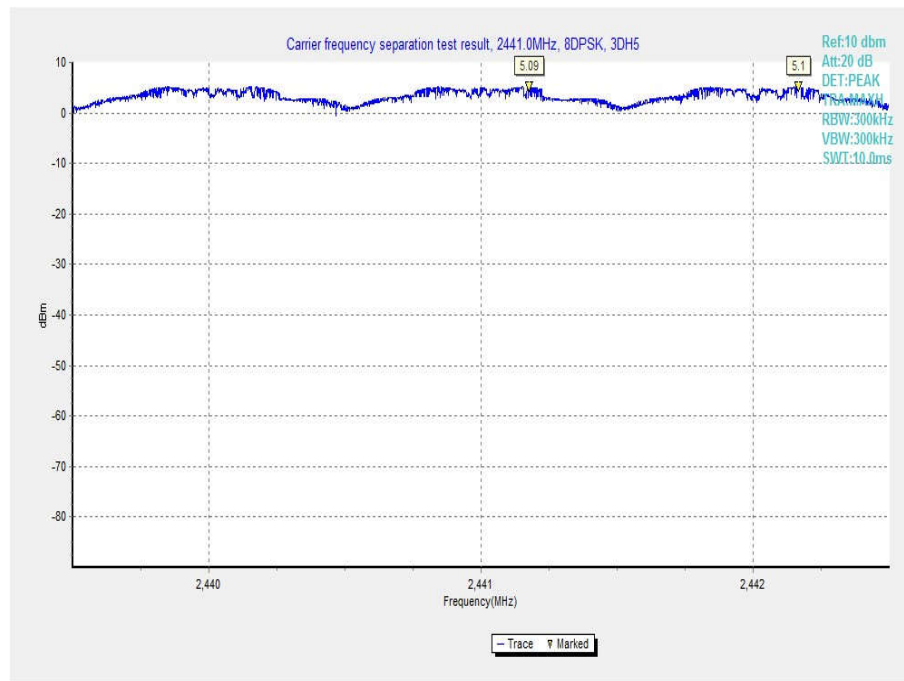


Fig. 103 Carrier Frequency Separation (8DPSK, Ch39)

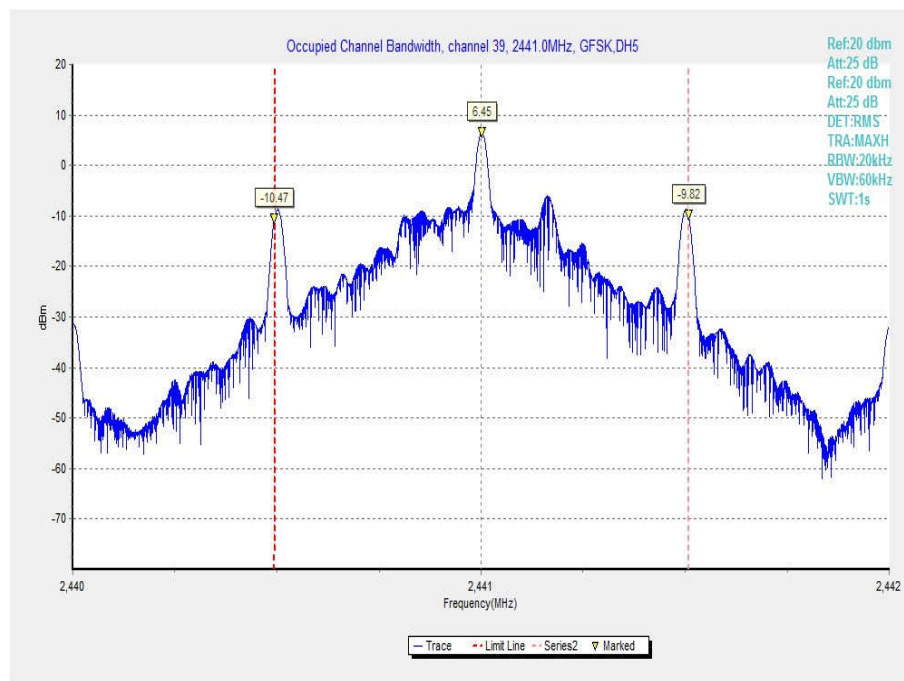


Fig. 104 Occupied Bandwidth: GFSK, Channel 0

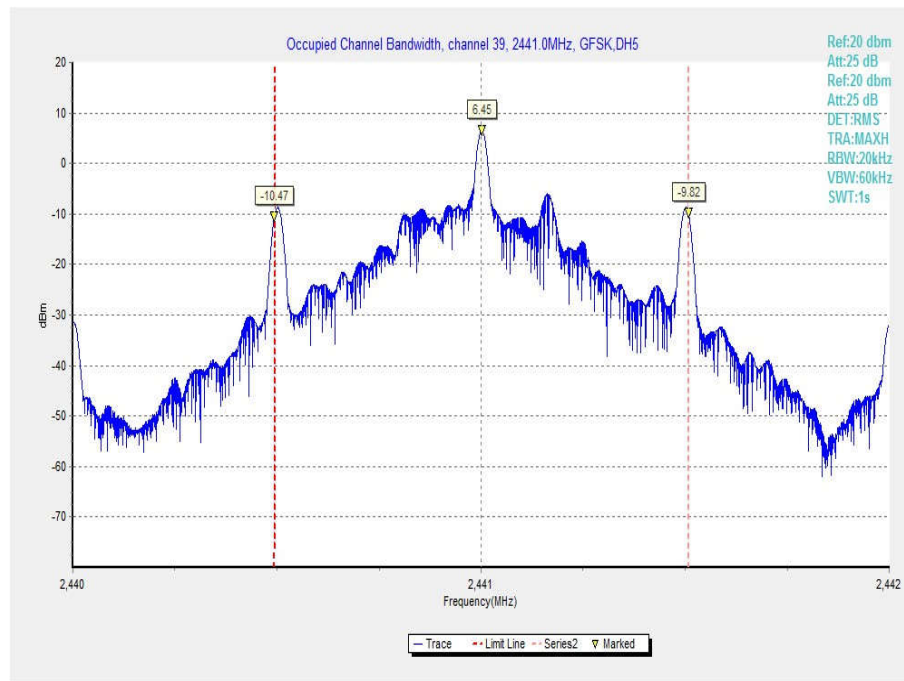


Fig. 105 Occupied Bandwidth: GFSK, Channel 39

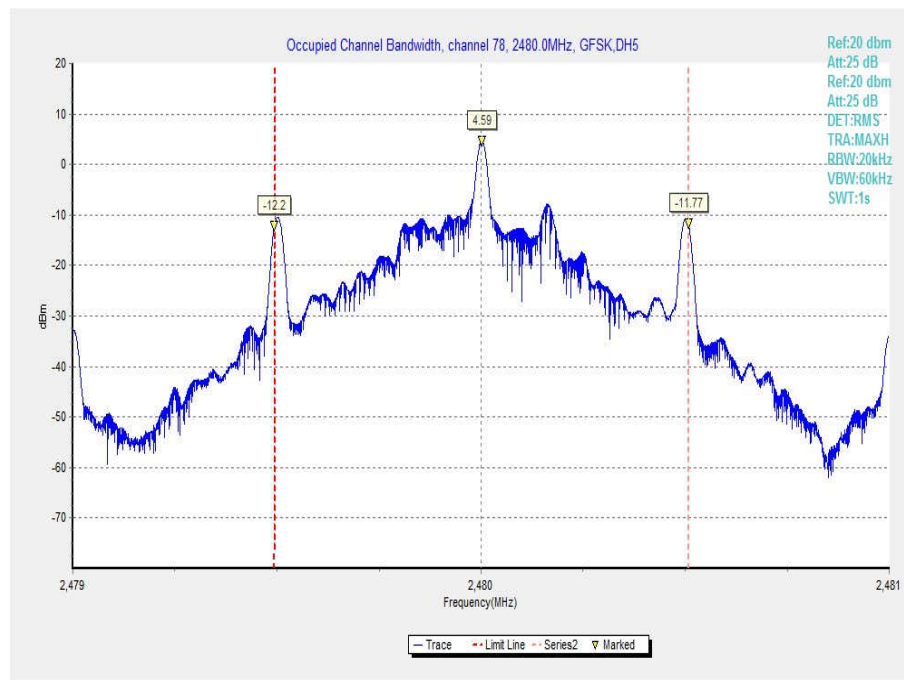


Fig. 106 Occupied Bandwidth: GFSK, Channel 78

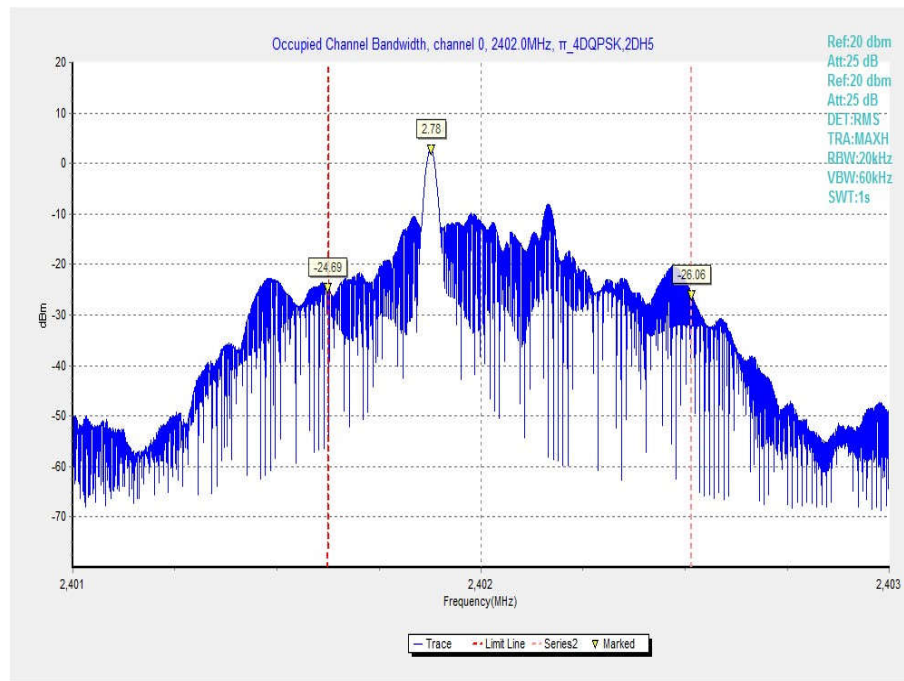


Fig. 107 Occupied Bandwidth: $\pi/4$ DQPSK, Channel 0

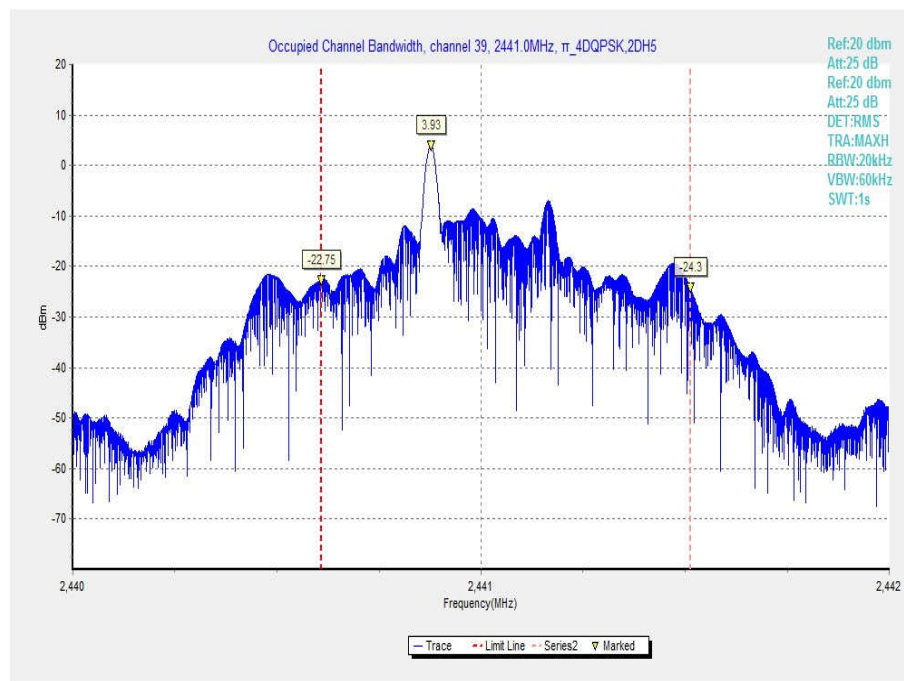


Fig. 108 Occupied Bandwidth: $\pi/4$ DQPSK, Channel 39

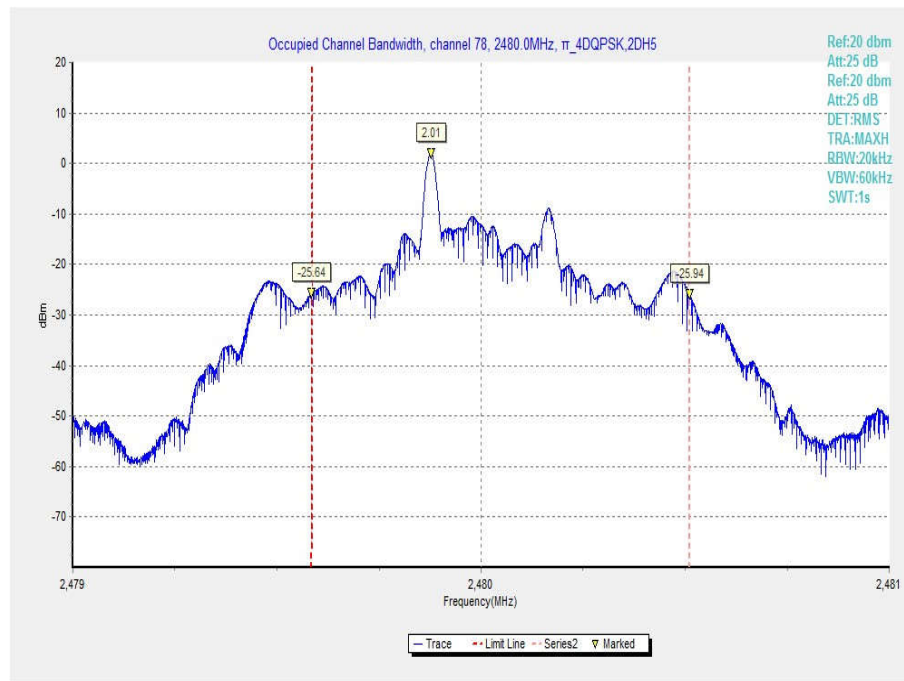


Fig. 109 Occupied Bandwidth: $\pi/4$ DQPSK, Channel 78

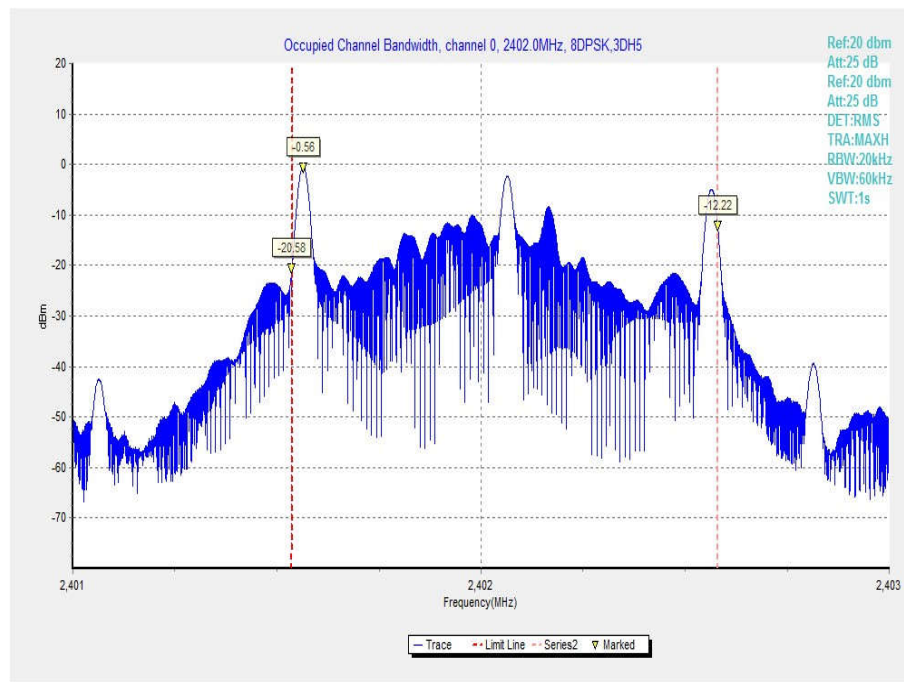


Fig. 110 Occupied Bandwidth: 8DPSK, Channel 0

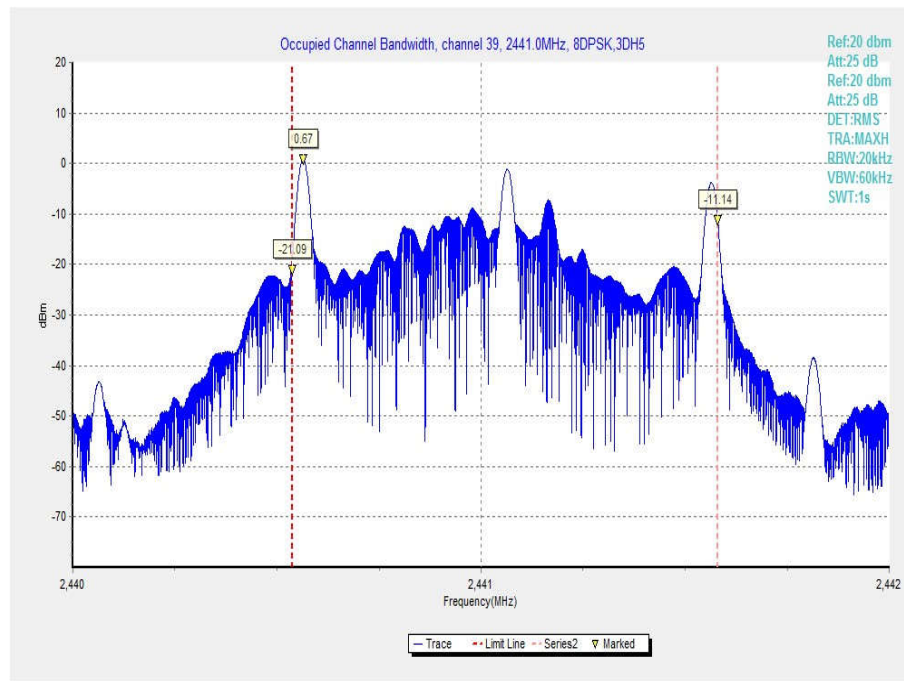


Fig. 111 Occupied Bandwidth: 8DPSK, Channel 39

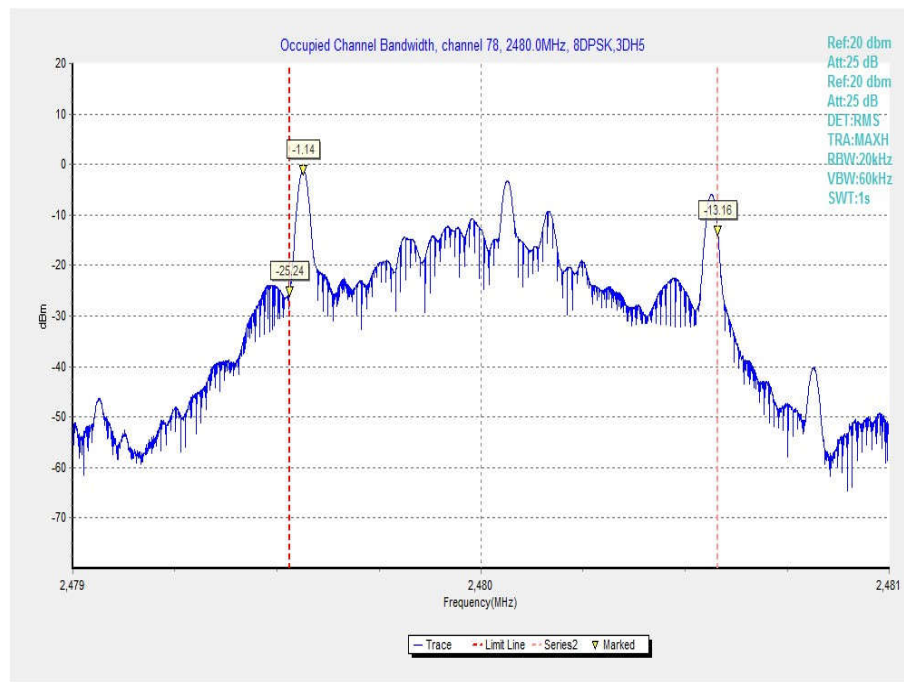


Fig. 112 Occupied Bandwidth: 8DPSK, Channel 78

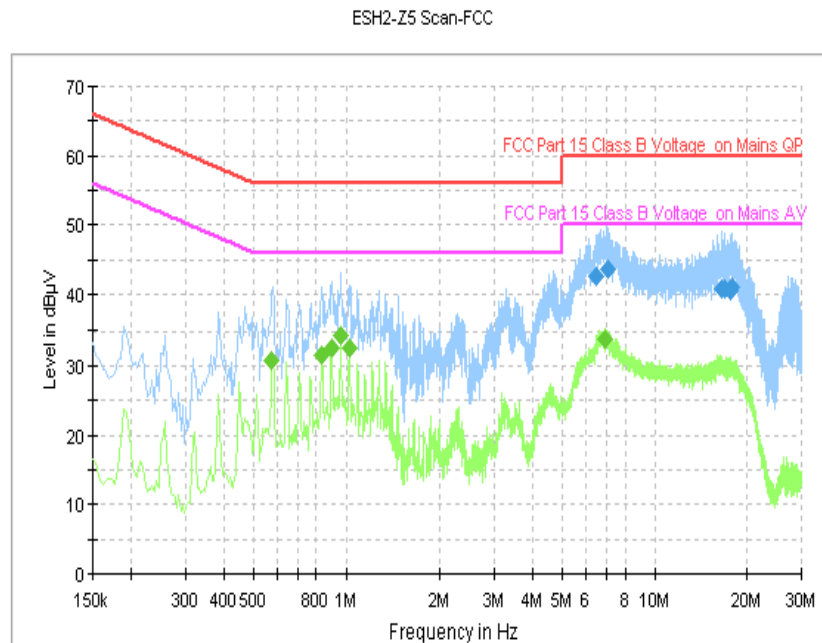


Fig. 113 AC Powerline Conducted Emission (Traffic, AE1)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
6.466000	42.5	GND	N	9.7	17.5	60.0
7.074000	43.7	GND	N	9.7	16.3	60.0
16.514000	40.9	GND	N	9.9	19.1	60.0
16.926000	40.8	GND	N	9.9	19.2	60.0
17.550000	40.4	GND	N	9.9	19.6	60.0
17.838000	41.0	GND	N	9.9	19.0	60.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.574000	30.6	GND	N	9.7	15.4	46.0
0.834000	31.6	GND	N	9.5	14.4	46.0
0.898000	32.6	GND	N	9.6	13.4	46.0
0.962000	34.4	GND	N	9.6	11.6	46.0
1.026000	32.6	GND	N	9.5	13.4	46.0
6.906000	33.9	GND	N	9.7	16.1	50.0

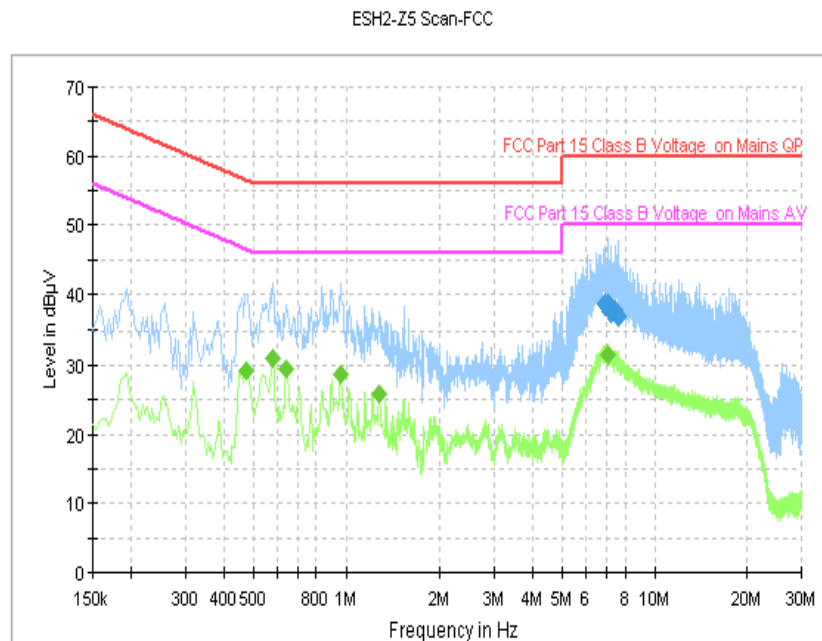


Fig. 114 AC Power line Conducted Emission (Idle, AE1)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
6.866000	38.6	GND	N	9.7	21.4	60.0
6.882000	38.7	GND	N	9.7	21.3	60.0
7.014000	38.7	GND	N	9.7	21.3	60.0
7.230000	37.6	GND	N	9.8	22.4	60.0
7.470000	37.6	GND	N	9.8	22.4	60.0
7.574000	36.8	GND	N	9.8	23.2	60.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.474000	29.3	GND	N	9.7	17.1	46.4
0.578000	31.0	GND	N	9.6	15.0	46.0
0.638000	29.3	GND	N	9.6	16.7	46.0
0.958000	28.6	GND	N	9.6	17.4	46.0
1.282000	25.7	GND	N	9.6	20.3	46.0
7.014000	31.6	GND	N	9.7	18.4	50.0

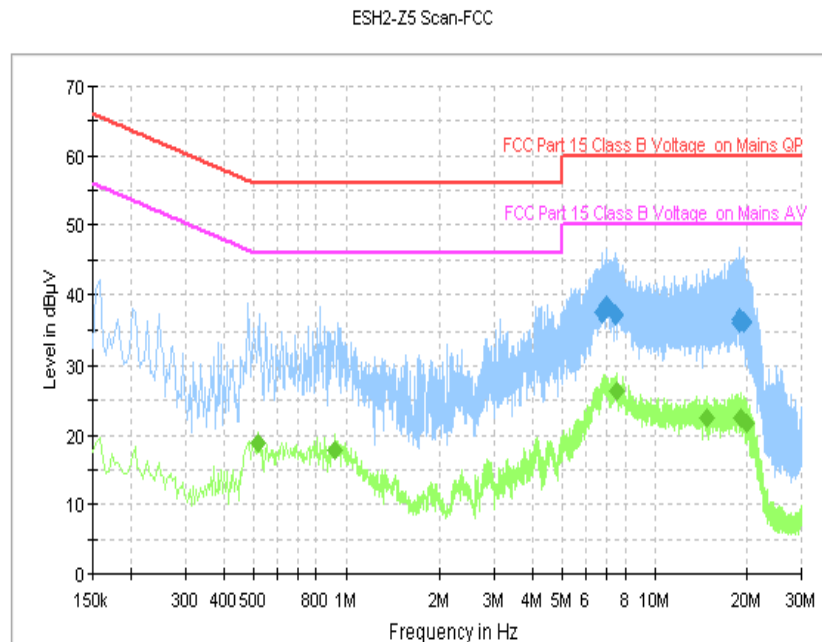


Fig. 115 AC Powerline Conducted Emission (Traffic, AE1)

MEASUREMENT RESULT: "QuasiPeak"

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
6.750000	37.6	GND	N	9.7	22.4	60.0
6.994000	38.4	GND	N	9.7	21.6	60.0
7.482000	37.1	GND	N	9.8	22.9	60.0
18.890000	36.2	GND	N	10.0	23.8	60.0
18.934000	36.6	GND	N	10.0	23.4	60.0
19.414000	36.2	GND	N	10.0	23.8	60.0

MEASUREMENT RESULT: "Average"

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.518000	18.8	GND	N	9.7	27.2	46.0
0.922000	17.8	GND	N	9.6	28.2	46.0
7.510000	26.4	GND	N	9.8	23.6	50.0
14.838000	22.6	GND	N	9.9	27.4	50.0
19.050000	22.6	GND	N	10.0	27.4	50.0
19.850000	21.7	GND	N	10.0	28.3	50.0

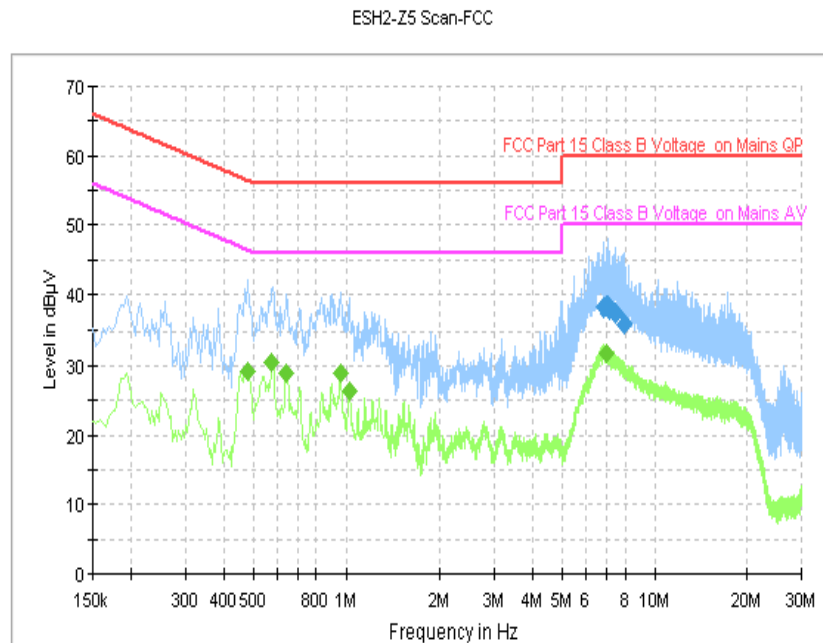


Fig. 116 AC Power line Conducted Emission (Idle, AE1)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
6.814000	38.3	GND	N	9.7	21.7	60.0
6.966000	38.4	GND	N	9.7	21.6	60.0
7.070000	38.5	GND	N	9.7	21.5	60.0
7.110000	38.1	GND	N	9.7	21.9	60.0
7.474000	37.4	GND	N	9.8	22.6	60.0
7.966000	35.8	GND	N	9.8	24.2	60.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.478000	29.2	GND	N	9.7	17.1	46.4
0.574000	30.5	GND	N	9.7	15.5	46.0
0.638000	28.8	GND	N	9.6	17.2	46.0
0.962000	28.9	GND	N	9.6	17.1	46.0
1.026000	26.4	GND	N	9.5	19.6	46.0
6.974000	31.7	GND	N	9.7	18.3	50.0

ANNEX C: Persons involved in this testing

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

END OF REPORT