

Fig. 27 Conducted Spurious Emission (GFSK, Ch39, 3GHz-18 GHz)

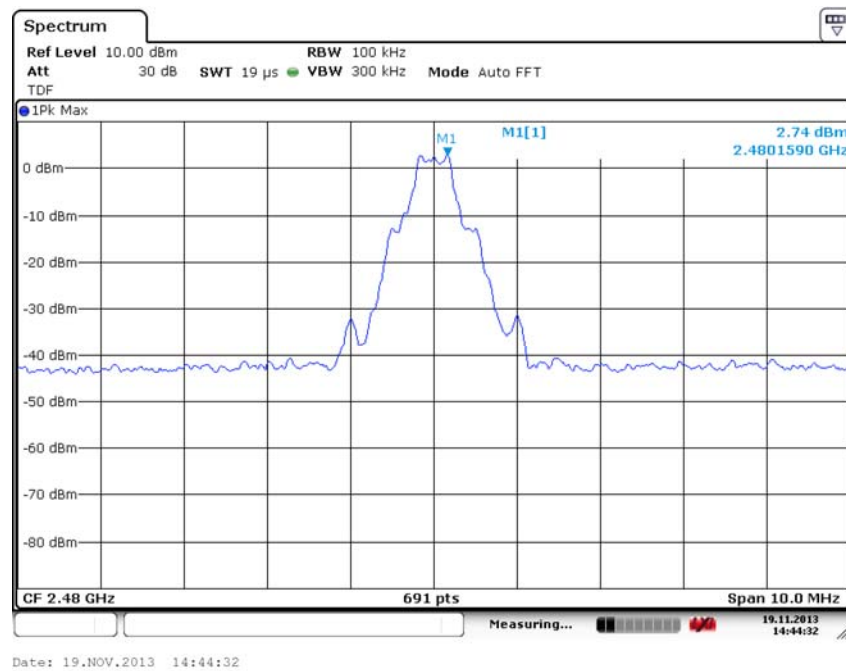


Fig. 28 Conducted Spurious Emission (GFSK, Ch78, 2.480GHz)

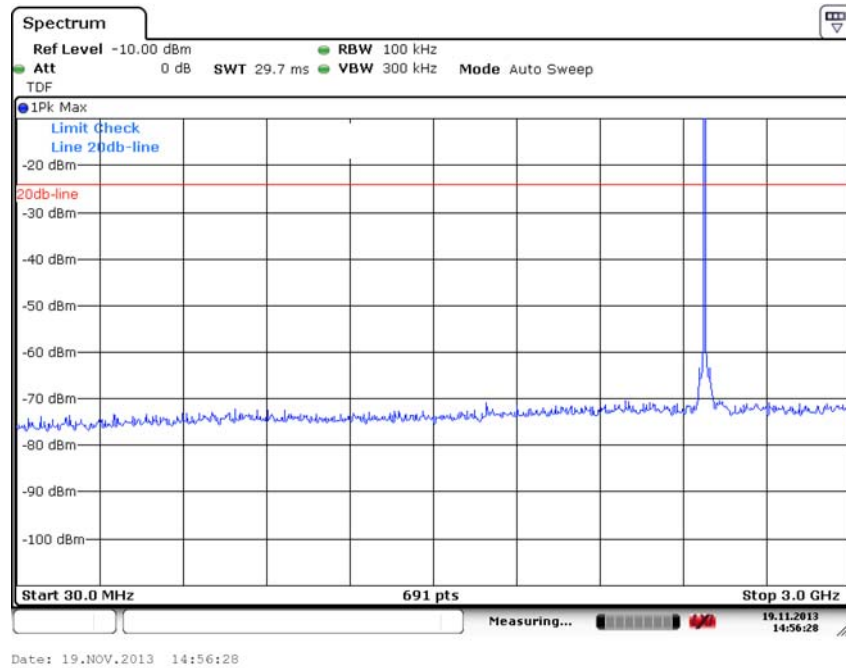


Fig. 29 Conducted Spurious Emission (GFSK, Ch78, 30 MHz-3 GHz)

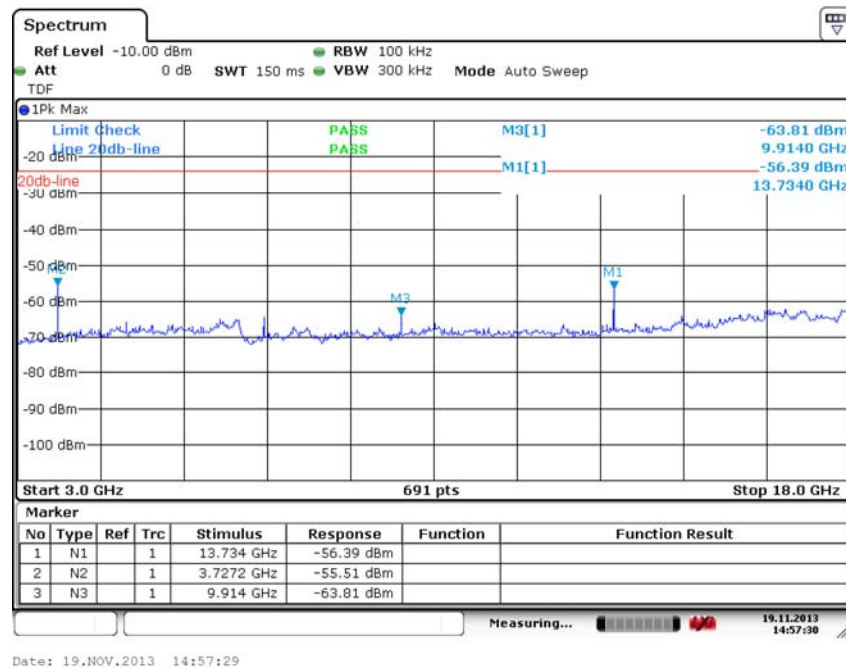


Fig. 30 Conducted Spurious Emission (GFSK, Ch78, 3GHz-18 GHz)

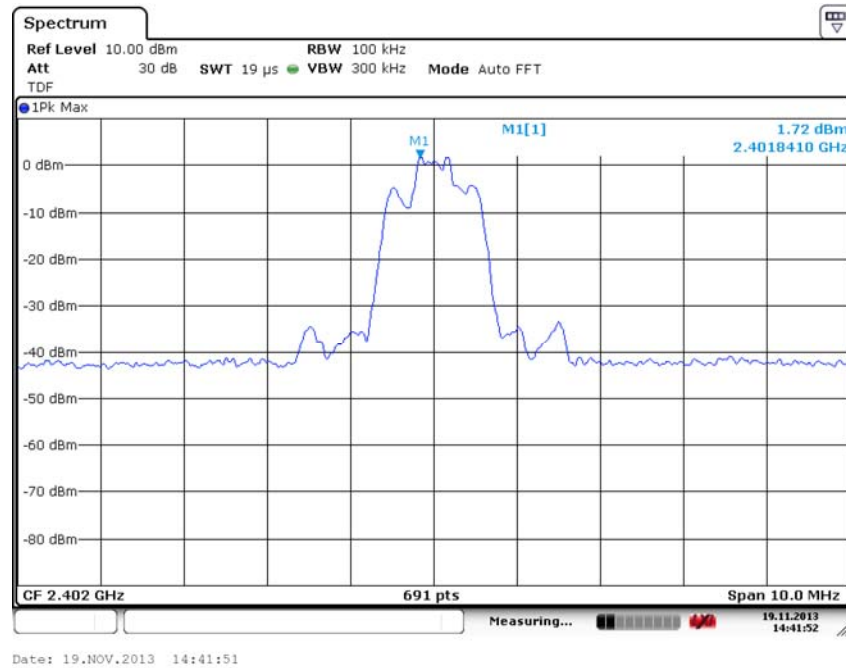


Fig. 31 Conducted Spurious Emission ($\pi/4$ DQPSK, Ch0, 2.402GHz)

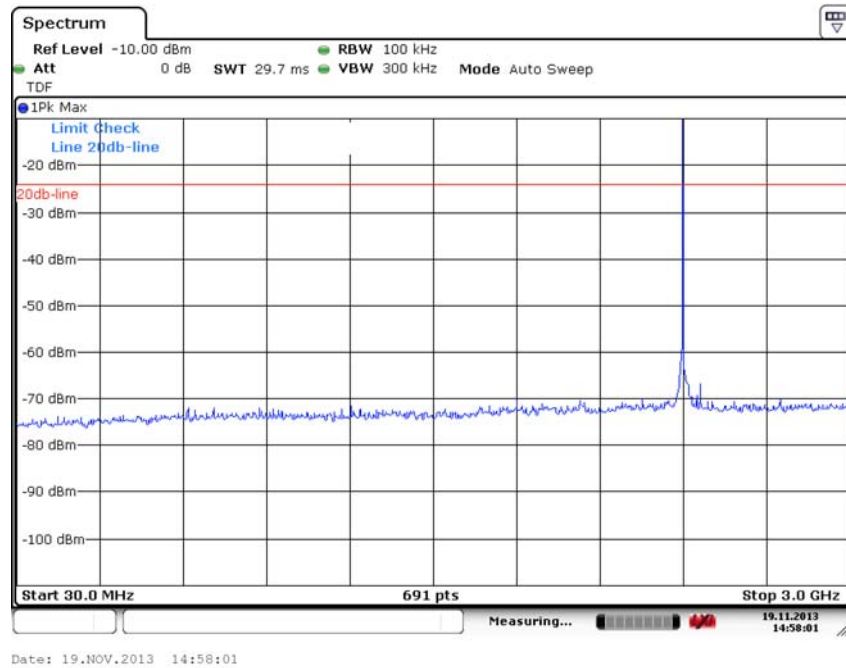
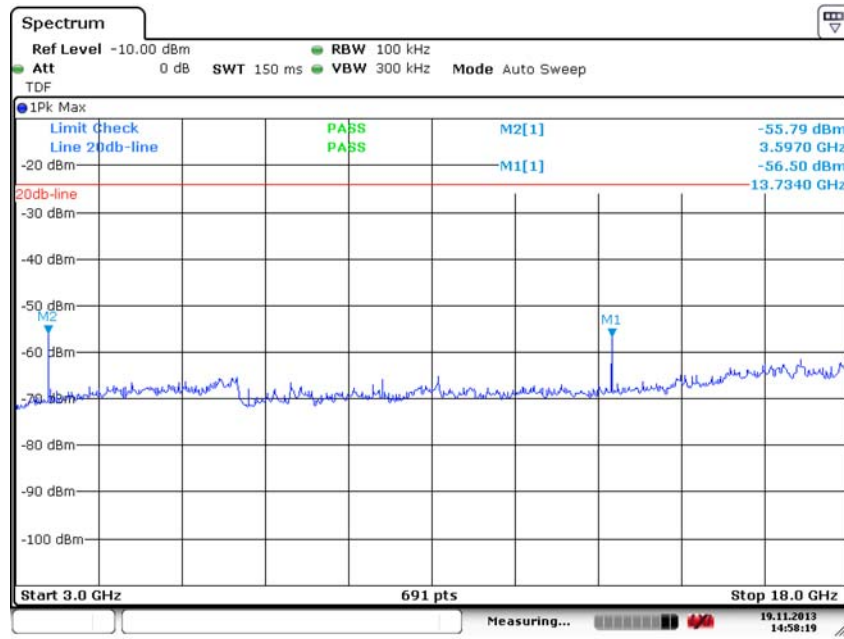
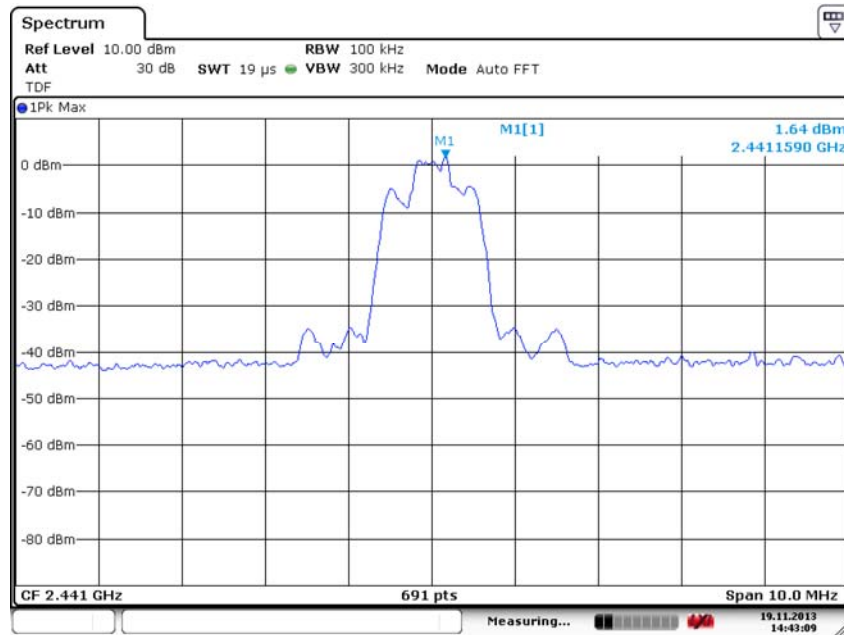


Fig. 32 Conducted Spurious Emission ($\pi/4$ DQPSK, Ch0, 30 MHz-3 GHz)



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Fig. 33 Conducted Spurious Emission ($\pi/4$ DQPSK, Ch0, 3GHz-18 GHz)



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Fig. 34 Conducted Spurious Emission ($\pi/4$ DQPSK, Ch39, 2.441GHz)

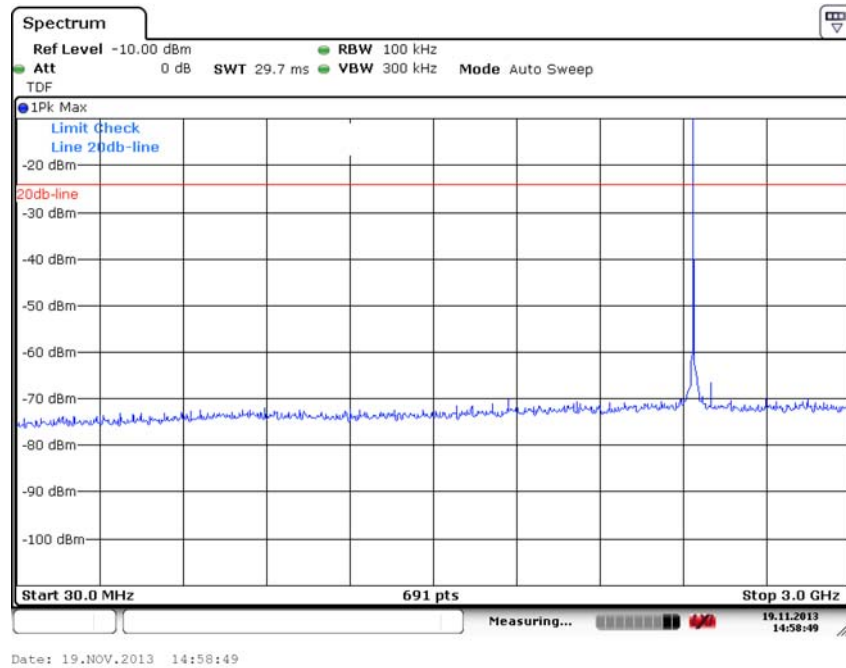


Fig. 35 Conducted Spurious Emission ($\pi/4$ DQPSK, Ch39, 30 MHz-3 GHz)

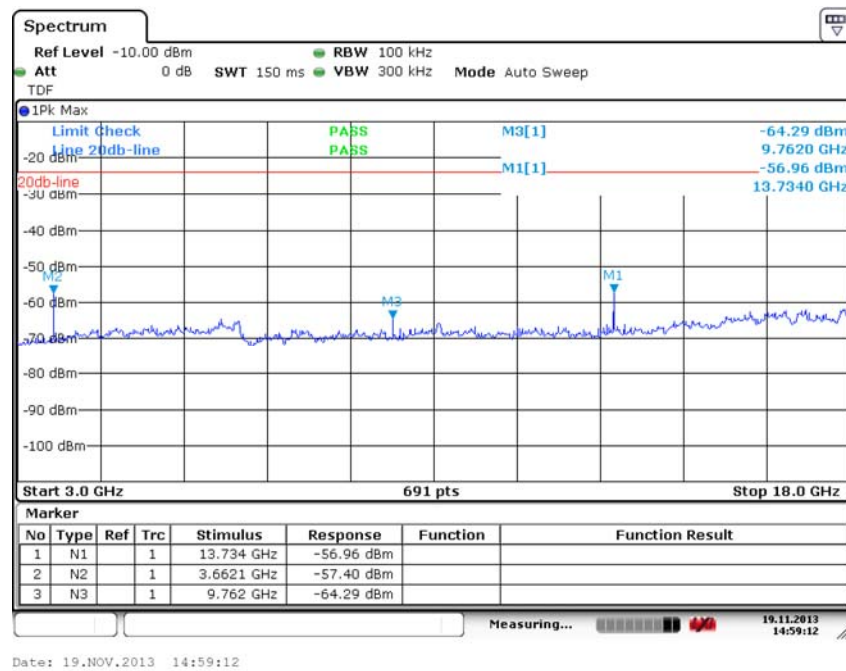


Fig. 36 Conducted Spurious Emission ($\pi/4$ DQPSK, Ch39, 3GHz-18 GHz)

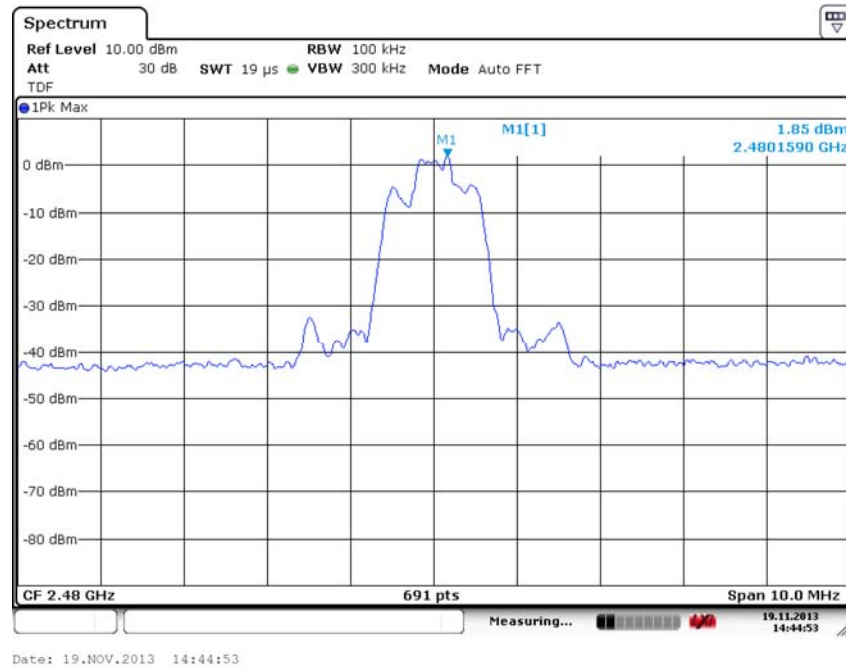


Fig. 37 Conducted Spurious Emission ($\pi/4$ DQPSK, Ch78, 2.480GHz)

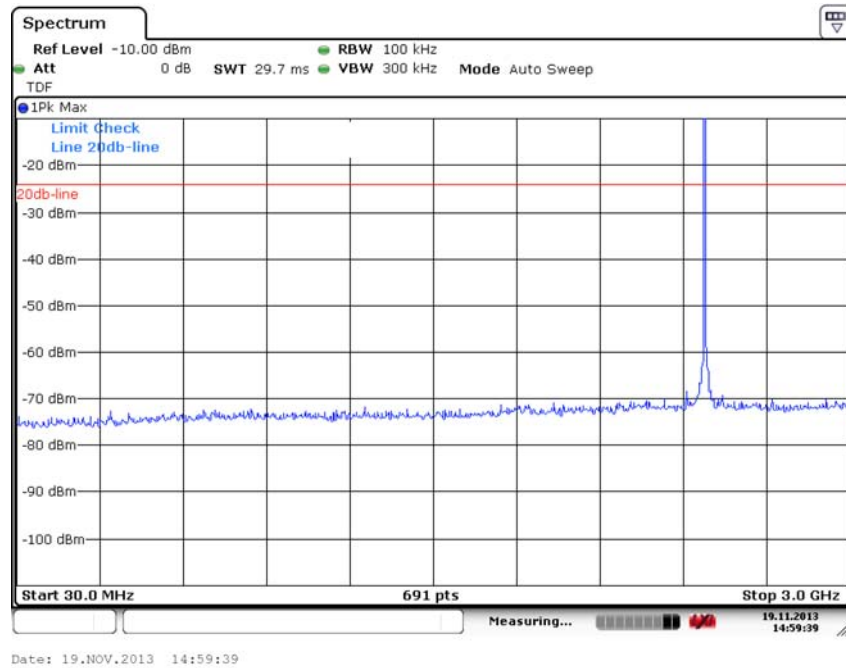


Fig. 38 Conducted Spurious Emission ($\pi/4$ DQPSK, Ch78, 30 MHz-3 GHz)

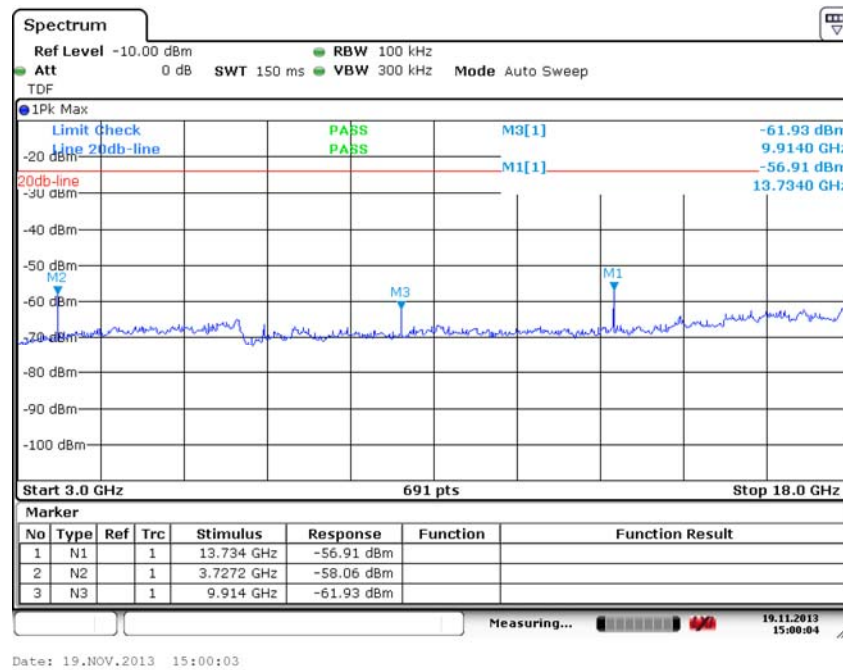


Fig. 39 Conducted Spurious Emission ($\pi/4$ DQPSK, Ch78, 3GHz-18 GHz)

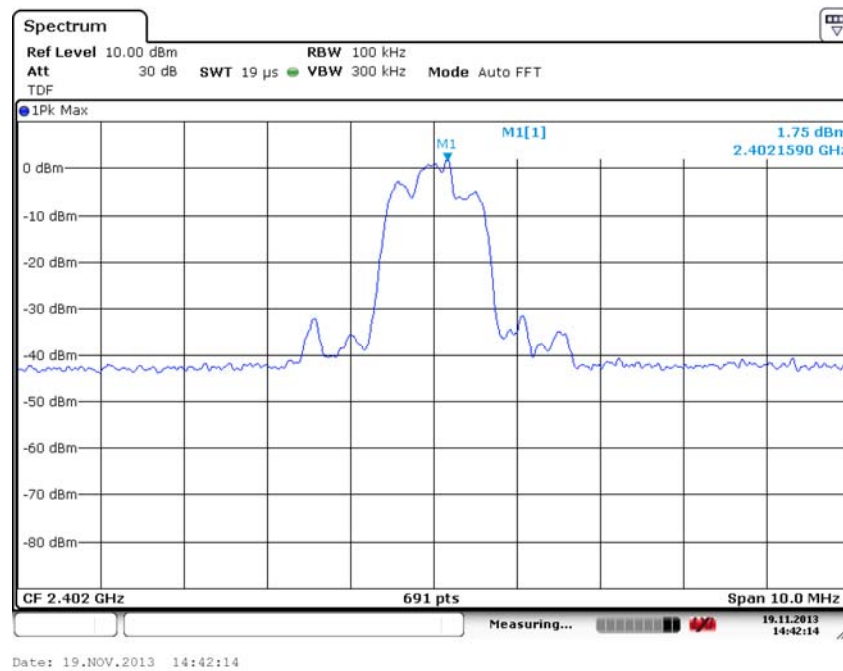


Fig. 40 Conducted Spurious Emission (8DPSK, Ch0, 2.402GHz)

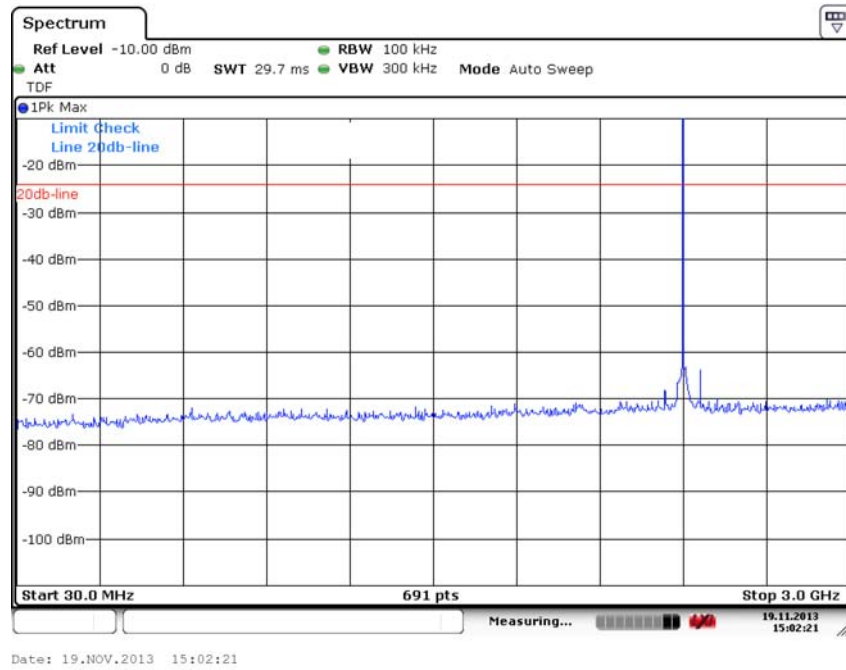


Fig. 41 Conducted Spurious Emission (8DPSK, Ch0, 30 MHz-3 GHz)

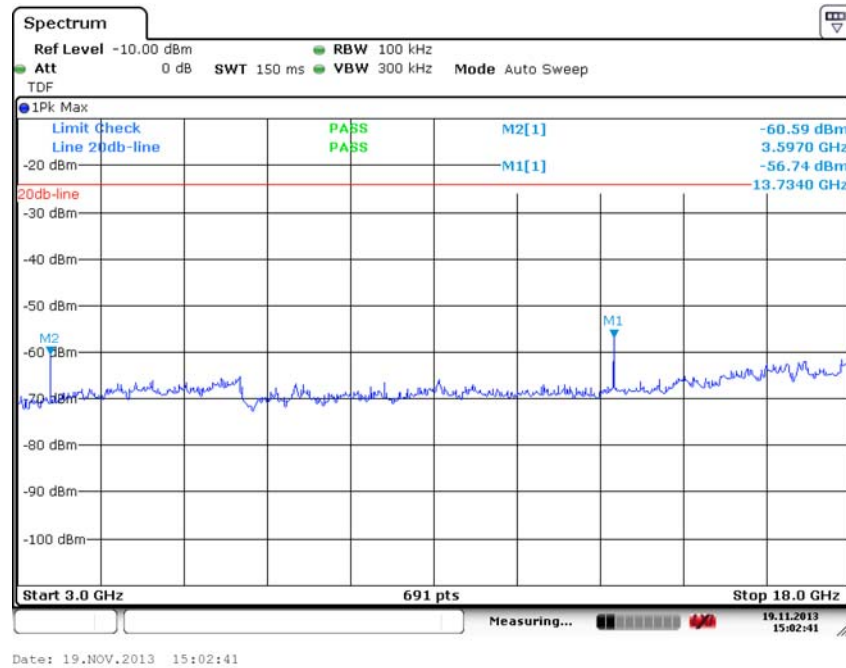
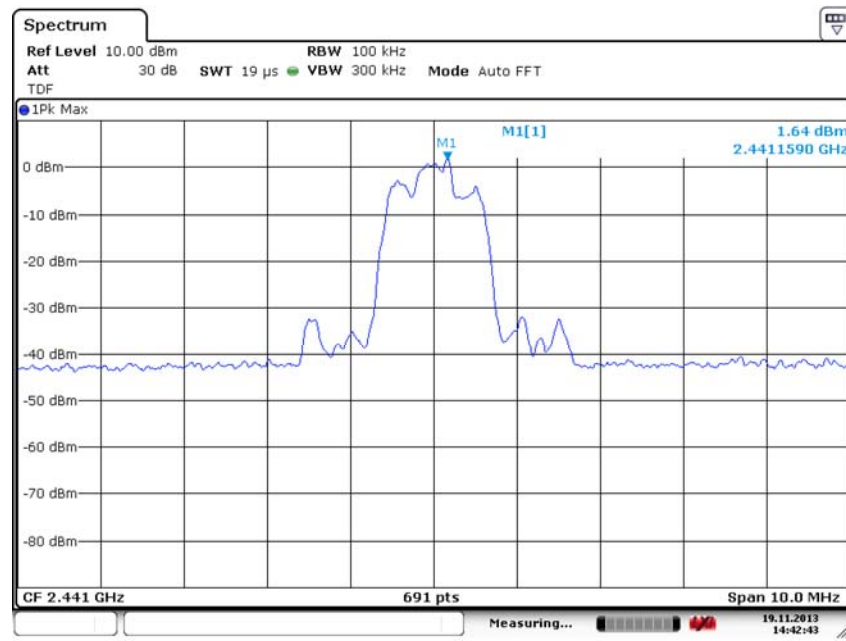
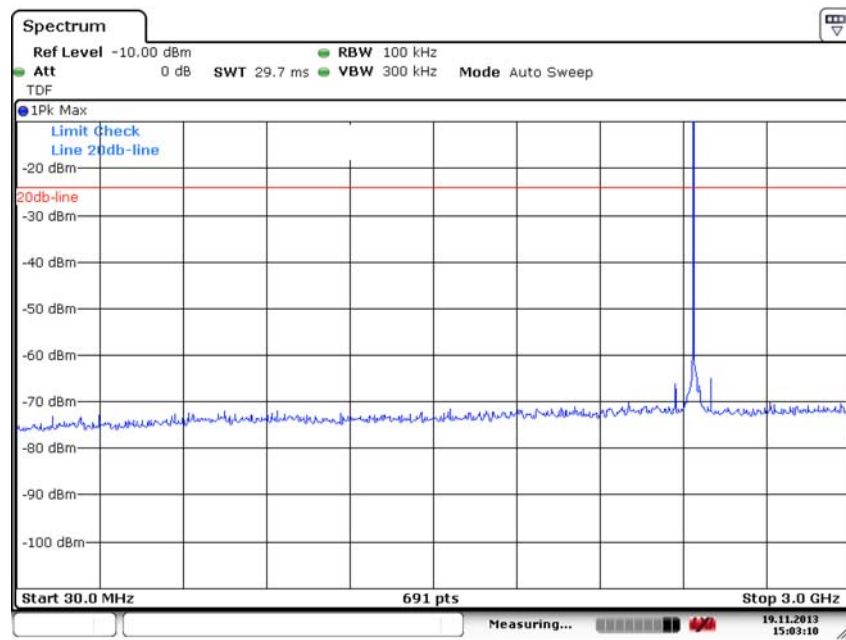


Fig. 42 Conducted Spurious Emission (8DPSK, Ch0, 3GHz-18 GHz)



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Fig. 43 Conducted Spurious Emission (8DPSK, Ch39, 2.441GHz)



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Fig. 44 Conducted Spurious Emission (8DPSK, Ch39, 30 MHz-3 GHz)

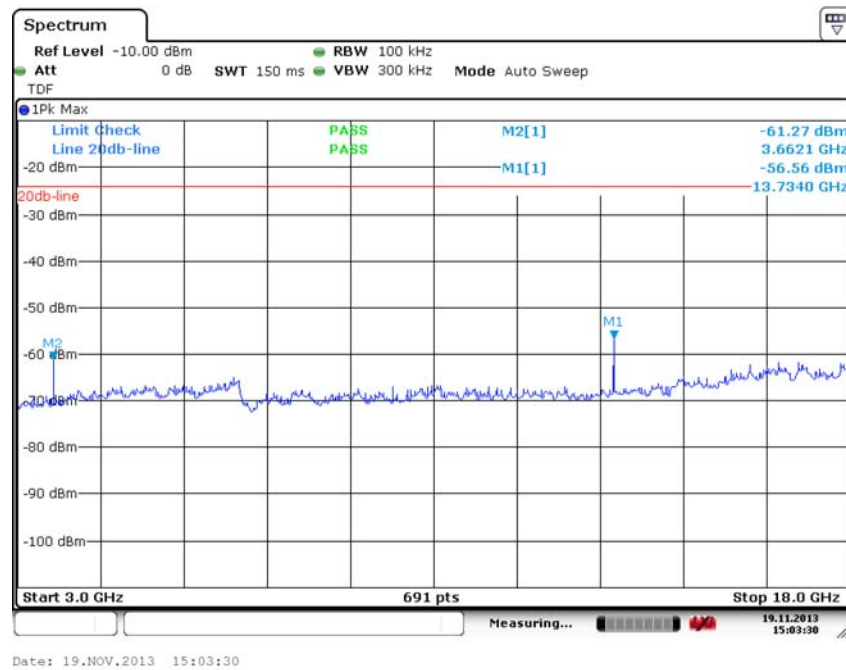


Fig. 45 Conducted Spurious Emission (8DPSK, Ch39, 3GHz-18 GHz)

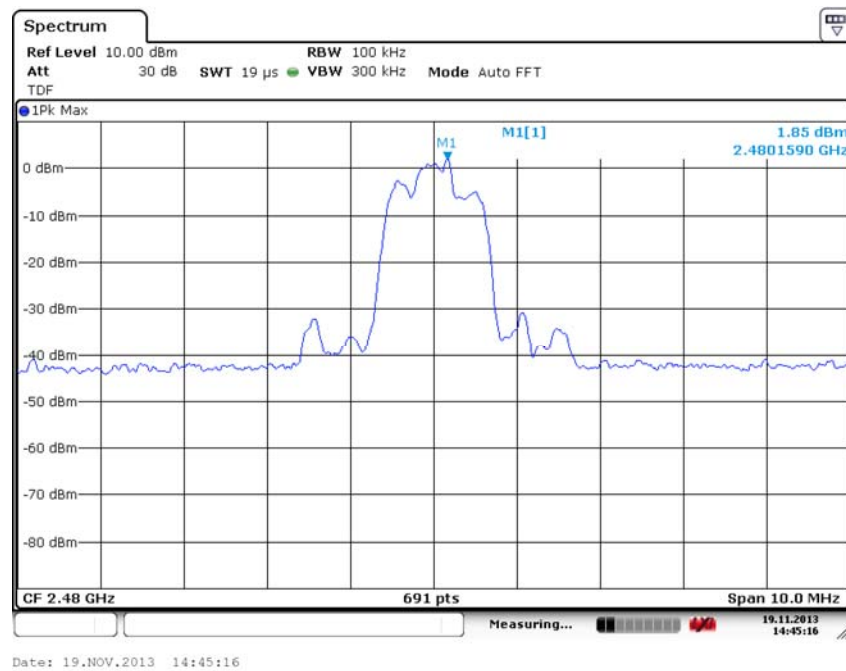


Fig. 46 Conducted Spurious Emission (8DPSK, Ch78, 2.480GHz)

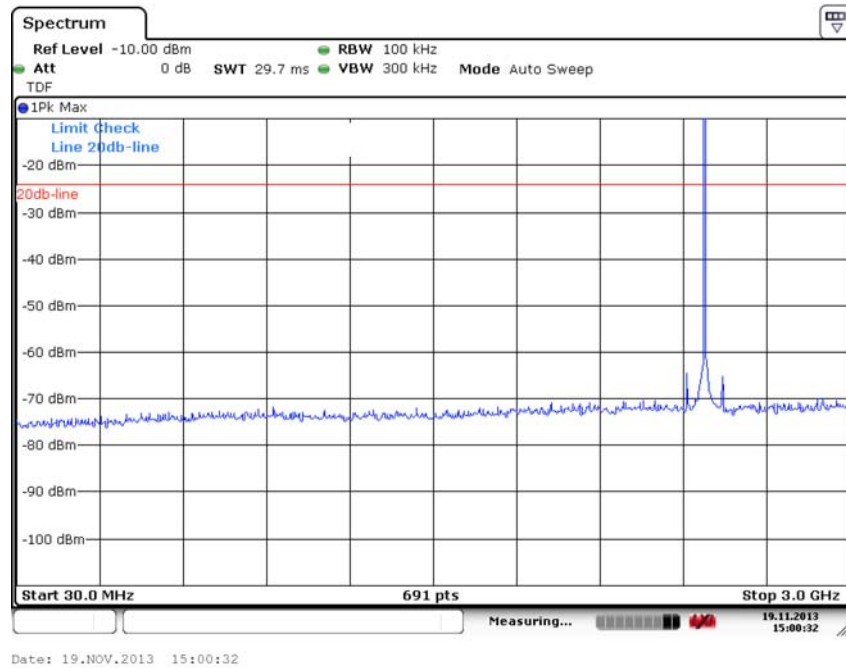


Fig. 47 Conducted Spurious Emission (8DPSK, Ch78, 30 MHz-3 GHz)

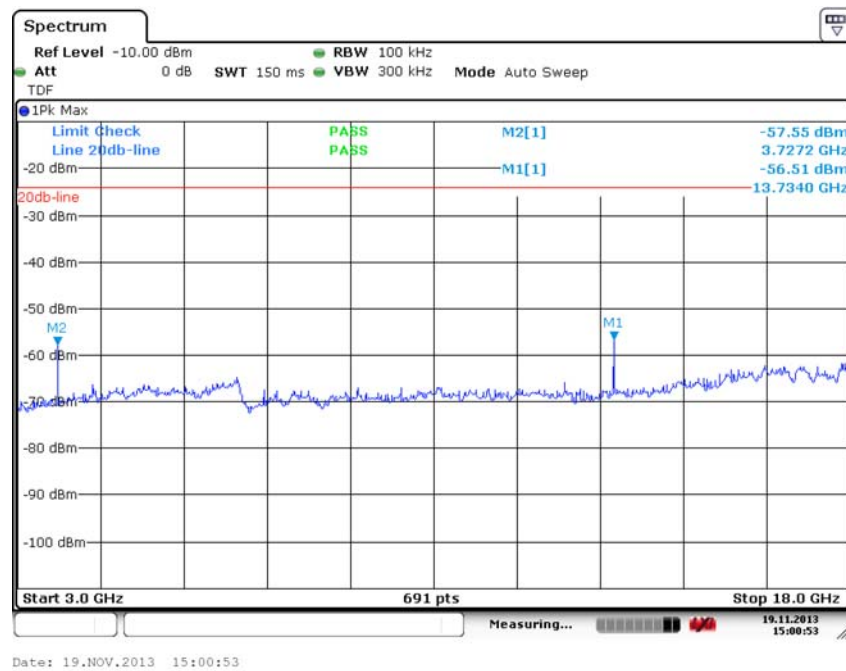


Fig. 48 Conducted Spurious Emission (8DPSK, Ch78, 3GHz-18 GHz)

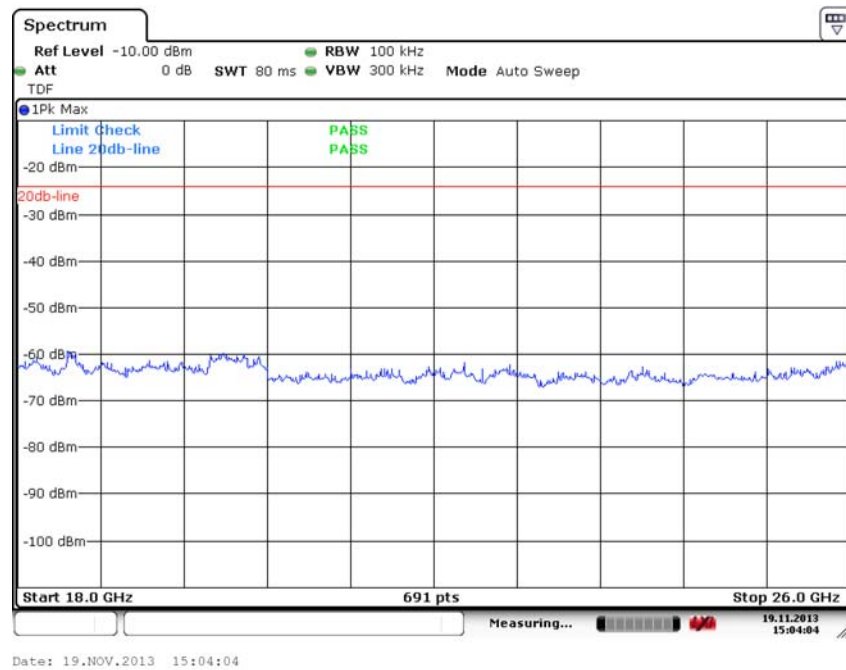


Fig. 49 Conducted Spurious Emission (All channel, 18 GHz-26 GHz)

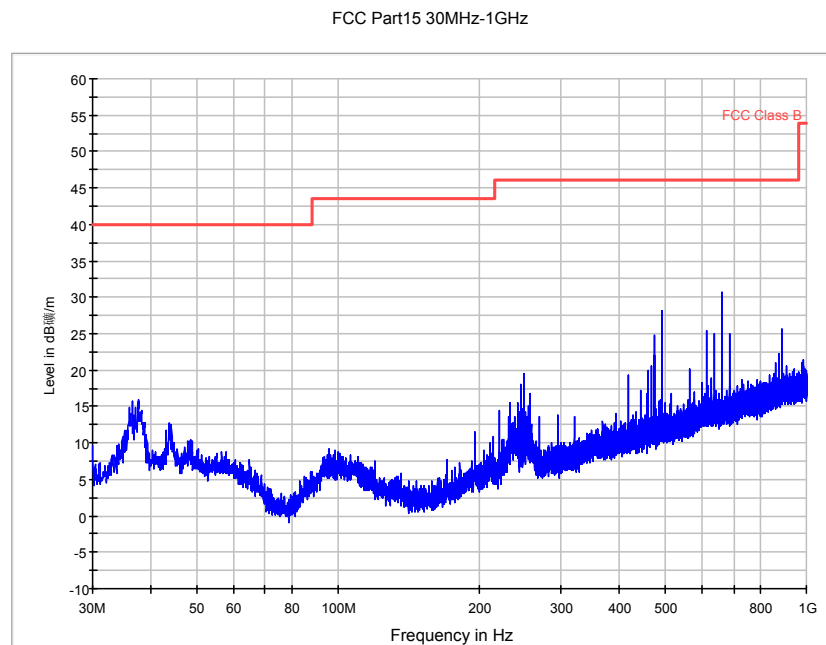


Fig. 50 Radiated Spurious Emission (GFSK, Ch0, 30MHz ~1 GHz)

FCC-RE2-Part 15-1-18G AV

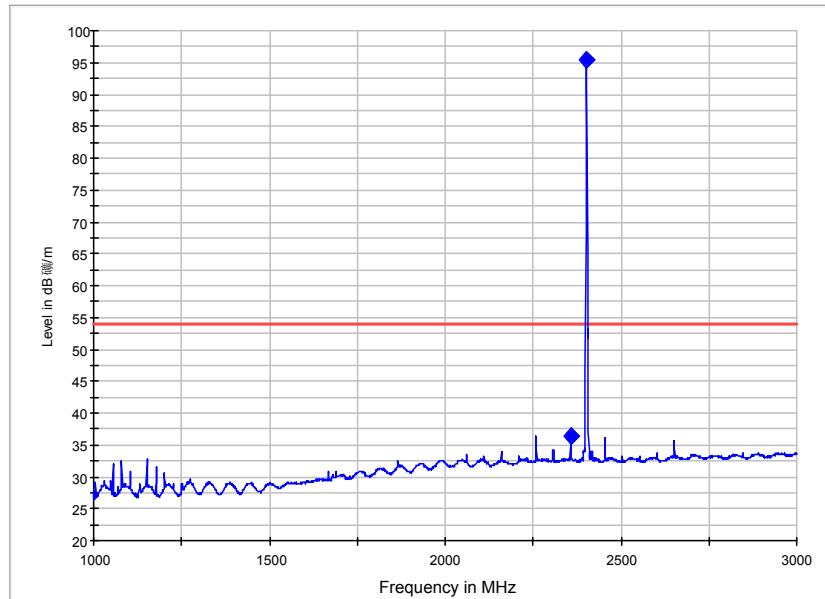


Fig. 51 Radiated Spurious Emission (GFSK, Ch0, 1 GHz ~3 GHz)

FCC-RE2-Part 15-1-18G AV

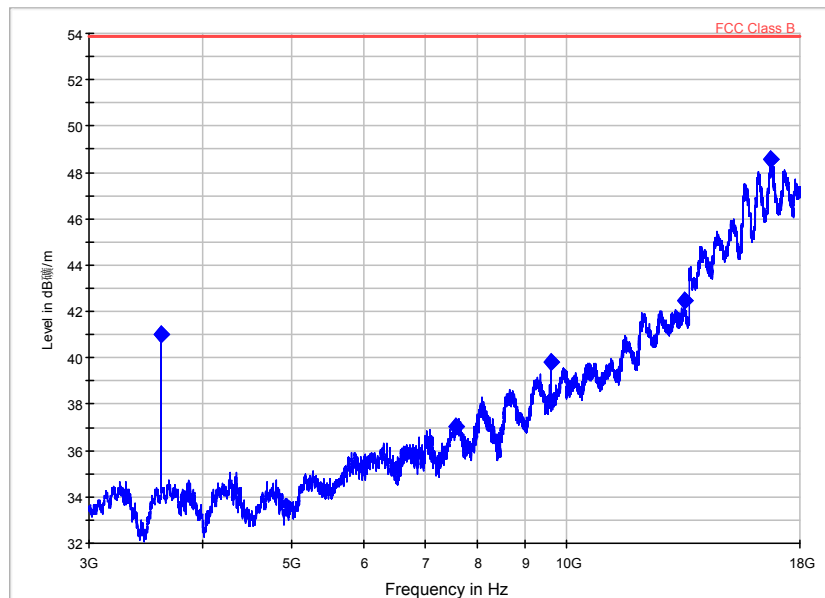


Fig. 52 Radiated Spurious Emission (GFSK, Ch0, 3 GHz ~18 GHz)

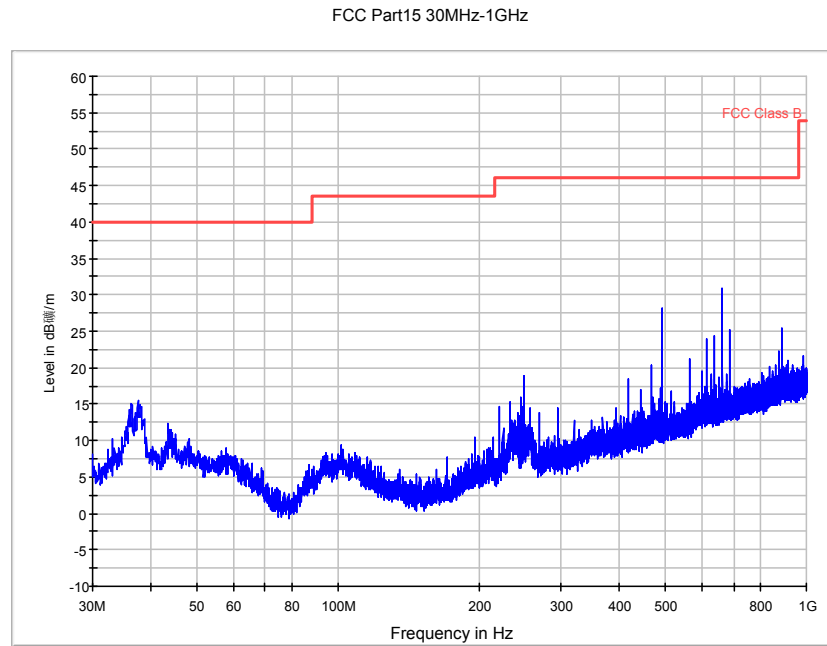


Fig. 53 Radiated Spurious Emission (GFSK, Ch39, 30MHz ~1 GHz)

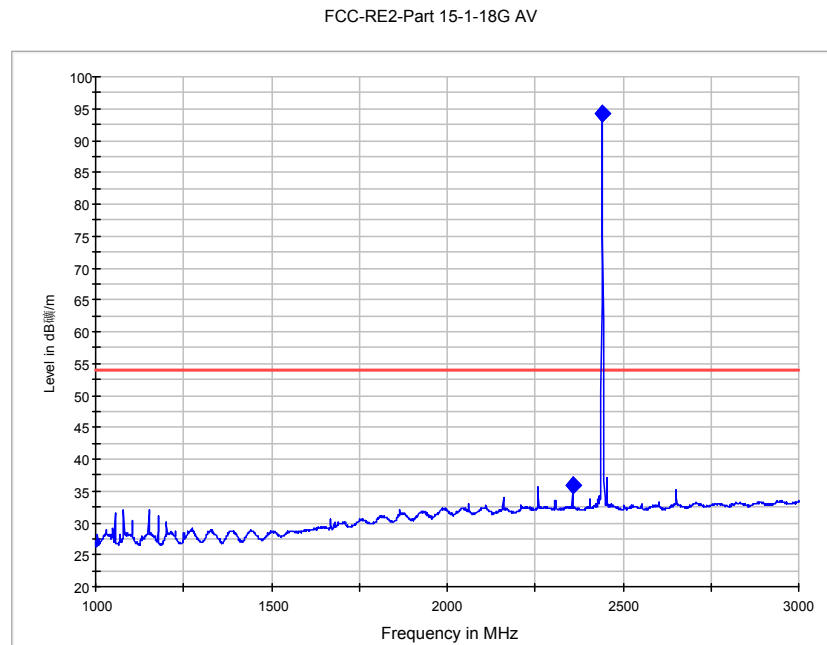


Fig. 54 Radiated Spurious Emission (GFSK, Ch39, 1 GHz ~3 GHz)

FCC-RE2-Part 15-1-18G AV

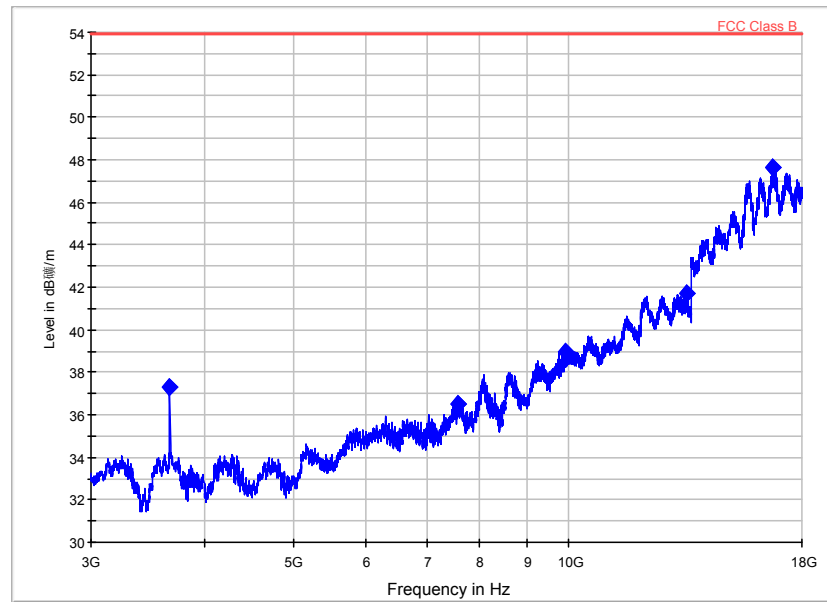


Fig. 55 Radiated Spurious Emission (GFSK, Ch39, 3 GHz ~18 GHz)

FCC Part15 30MHz-1GHz

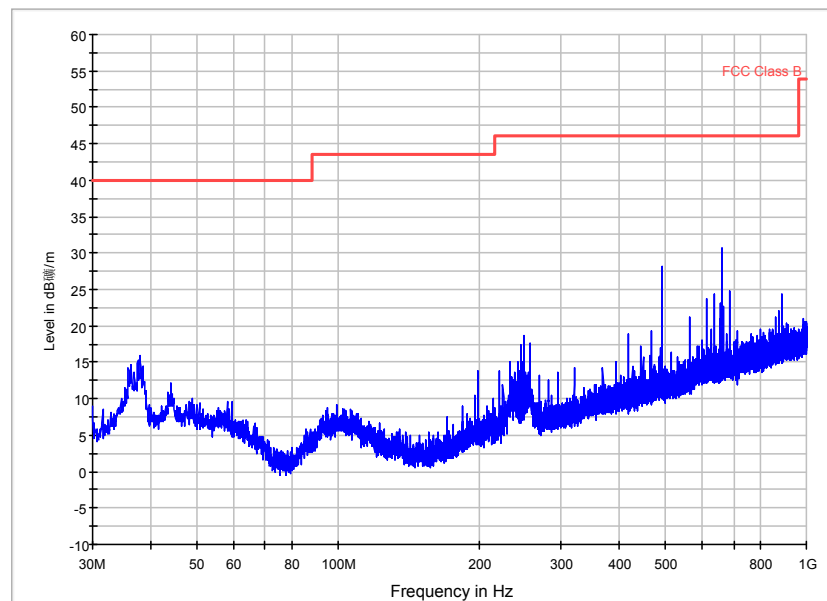


Fig. 56 Radiated Spurious Emission (GFSK, Ch78, 30MHz ~1 GHz)

FCC-RE2-Part 15-1-18G AV

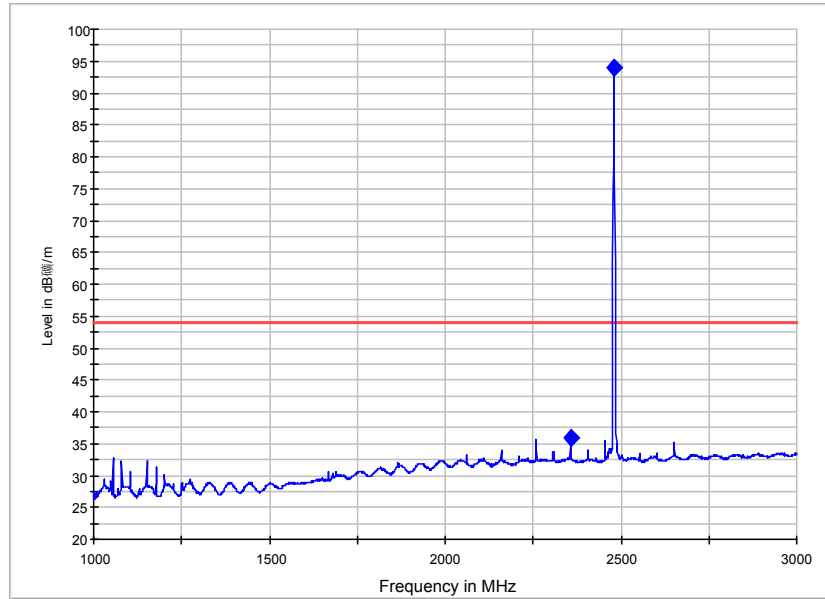


Fig. 57 Radiated Spurious Emission (GFSK, Ch78, 1 GHz ~3 GHz)

FCC-RE2-Part 15-1-18G AV

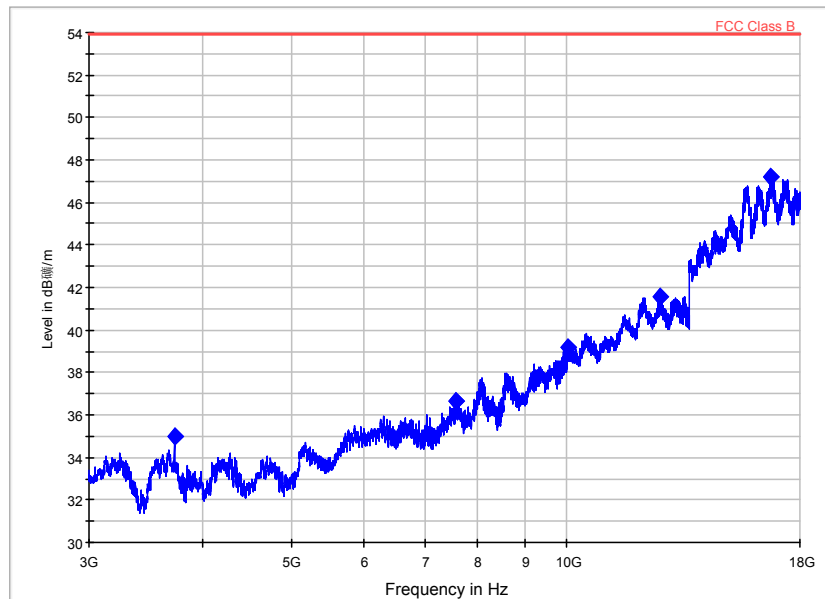


Fig. 58 Radiated Spurious Emission (GFSK, Ch78, 3 GHz ~18 GHz)

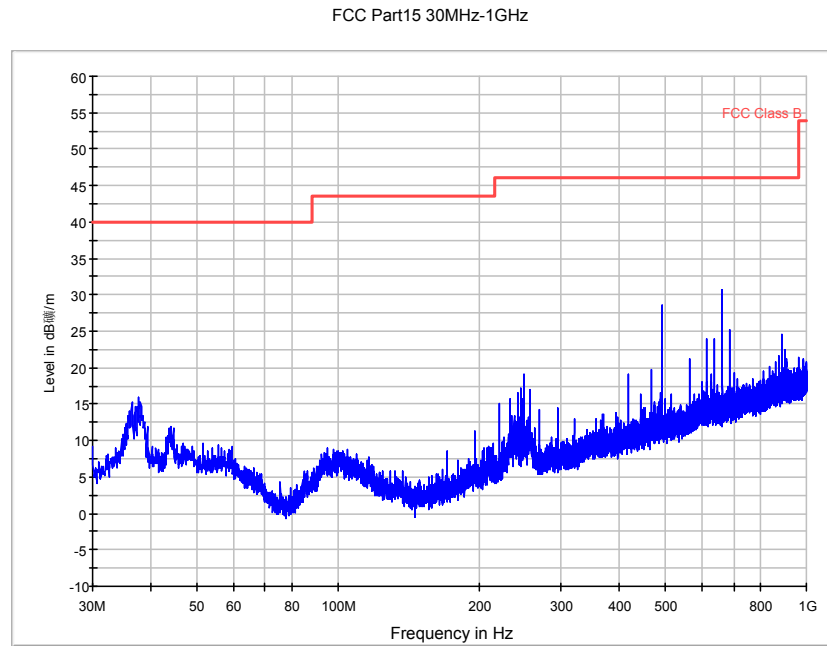


Fig. 59 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch0, 30MHz ~1 GHz)

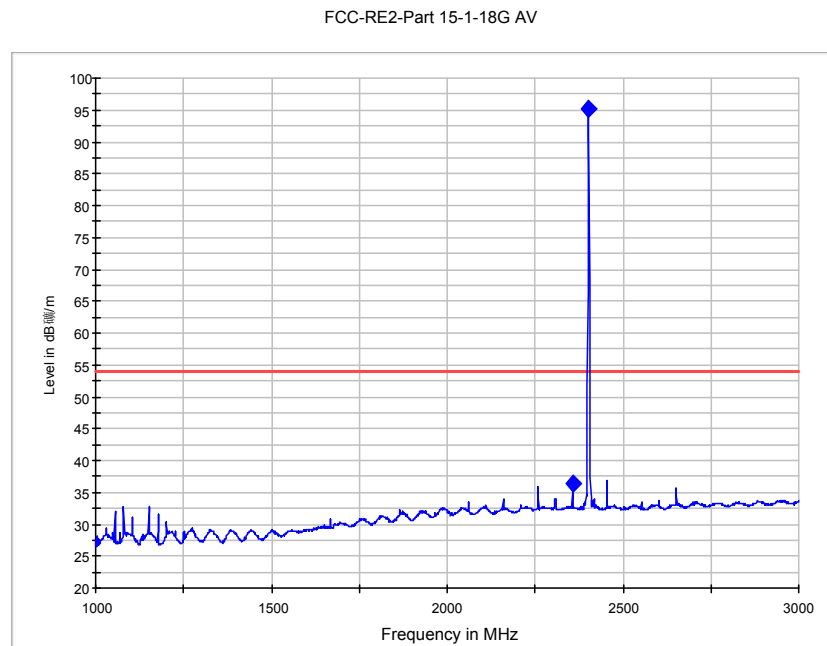


Fig. 60 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch0, 1 GHz ~3 GHz)

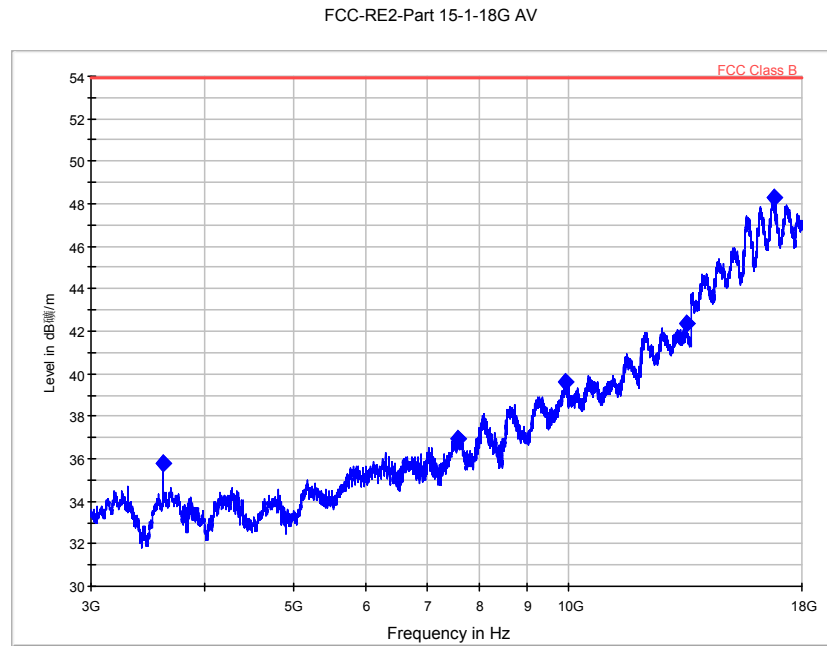


Fig. 61 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch0, 3 GHz ~18 GHz)

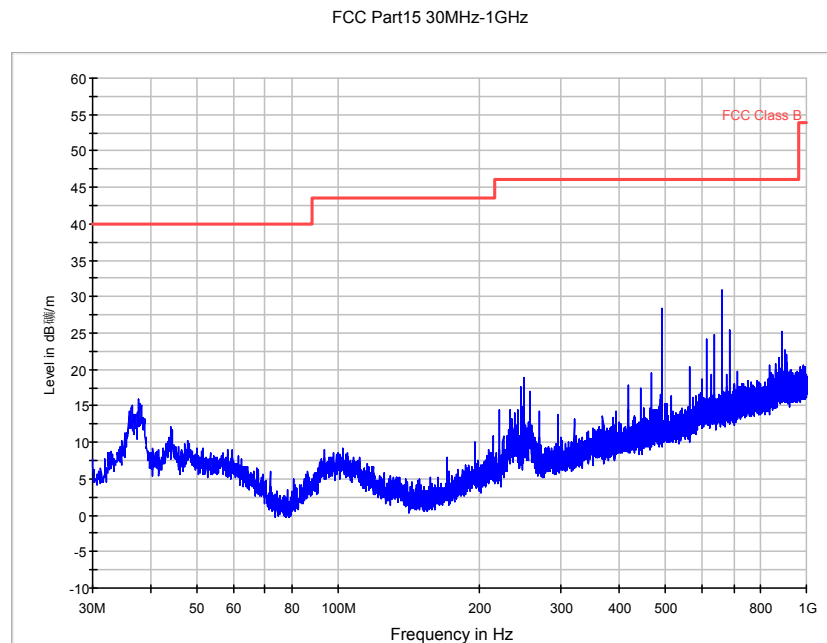


Fig. 62 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch39, 30MHz ~1 GHz)

FCC-RE2-Part 15-1-18G AV

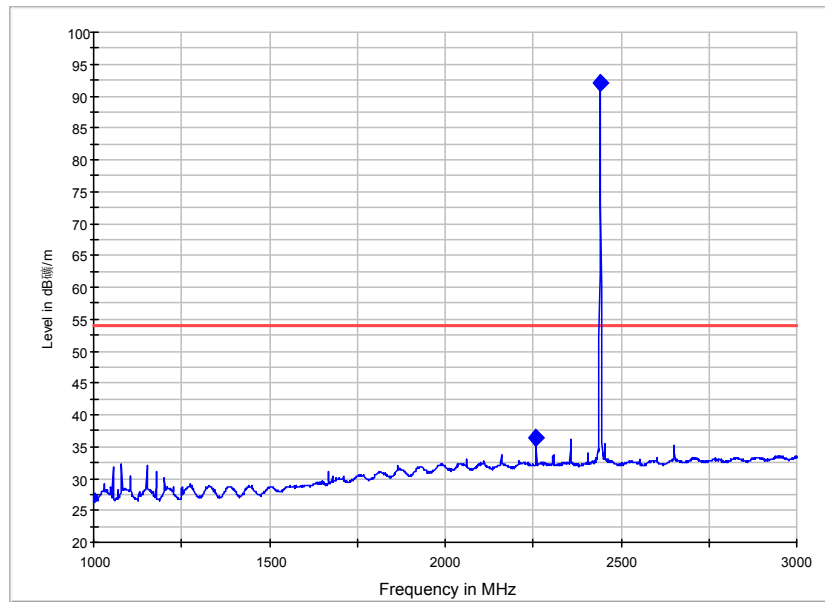


Fig. 63 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch39, 1 GHz ~3 GHz)

FCC-RE2-Part 15-1-18G AV

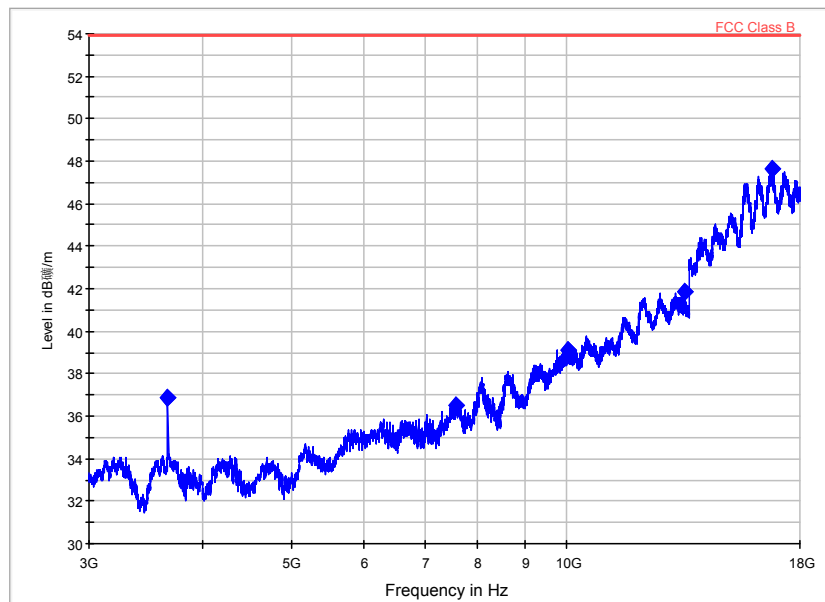


Fig. 64 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch39, 3 GHz ~18 GHz)

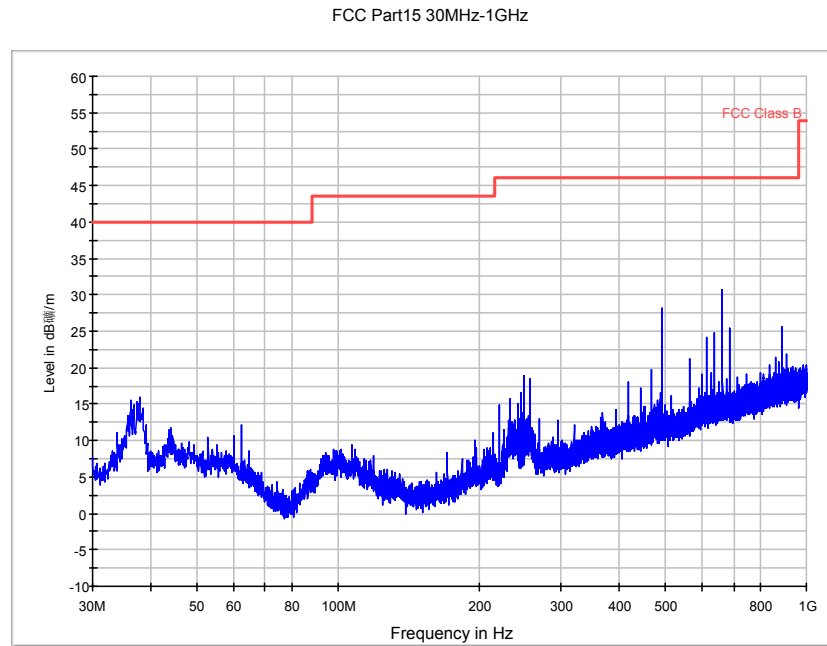


Fig. 65 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch78, 30MHz ~1 GHz)

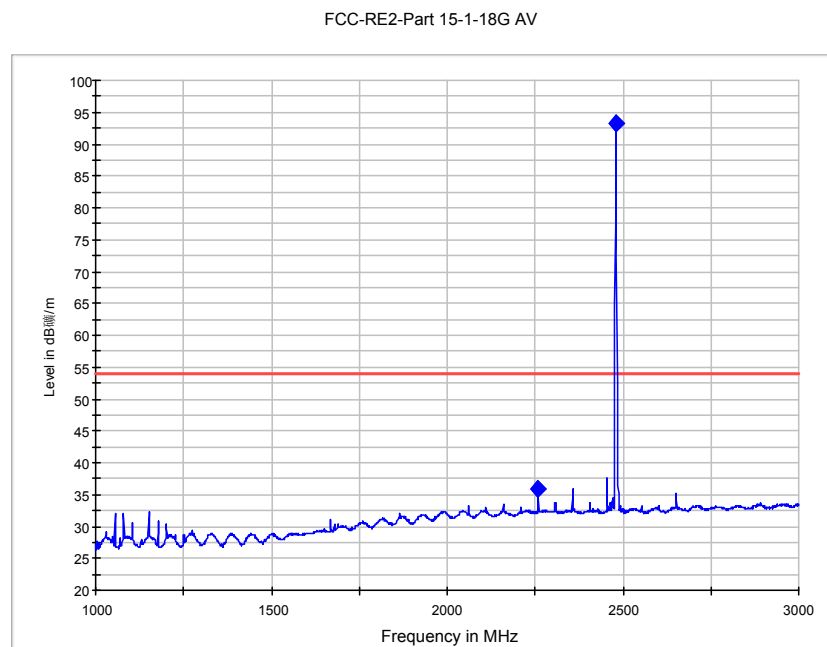


Fig. 66 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch78, 1 GHz ~3 GHz)

FCC-RE2-Part 15-1-18G AV

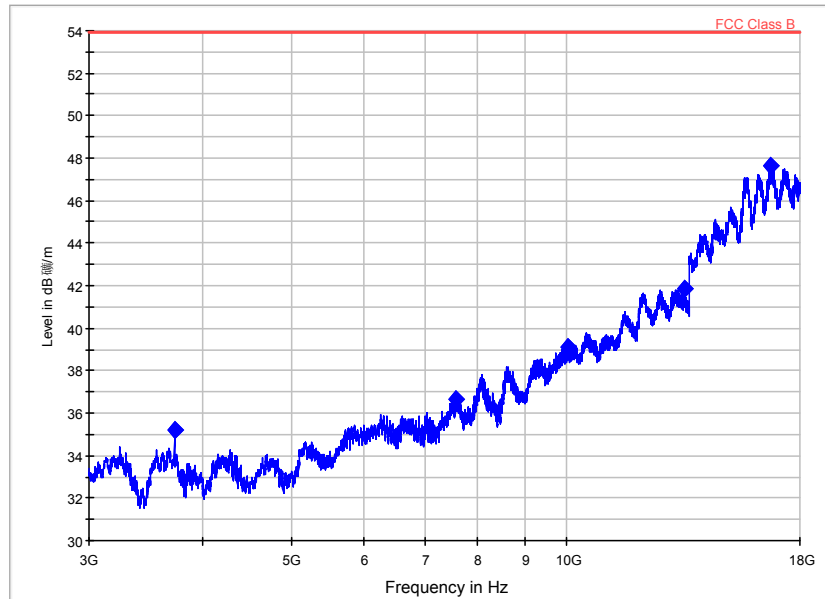


Fig. 67 Radiated Spurious Emission ($\pi/4$ DQPSK, Ch78, 3 GHz ~18 GHz)

FCC Part15 30MHz-1GHz

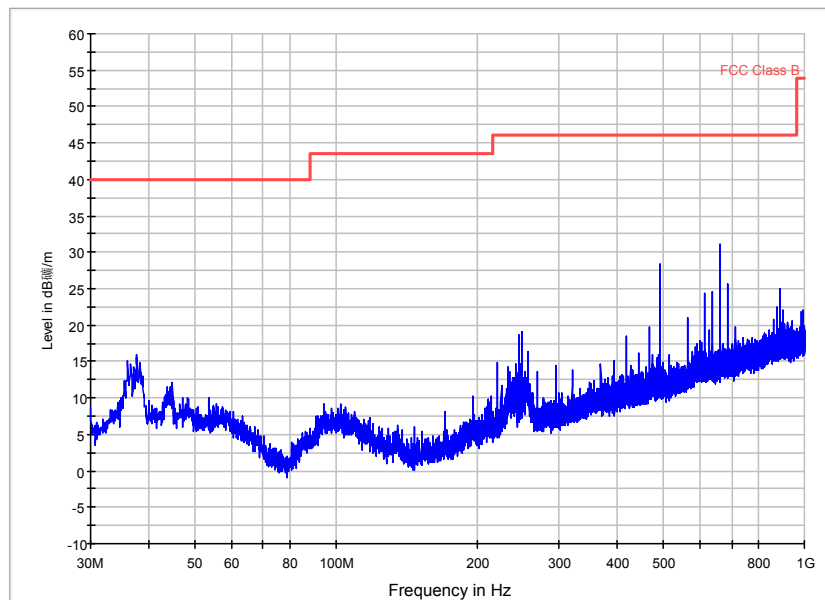


Fig. 68 Radiated Spurious Emission (8DPSK, Ch0, 30MHz ~1 GHz)

FCC-RE2-Part 15-1-18G AV

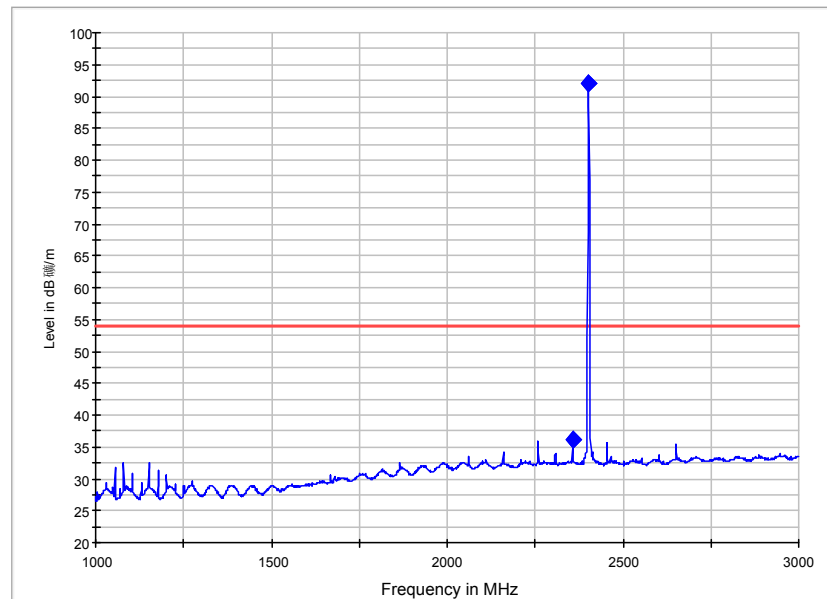


Fig. 69 Radiated Spurious Emission (8DPSK, Ch0, 1 GHz ~3 GHz)

FCC-RE2-Part 15-1-18G AV

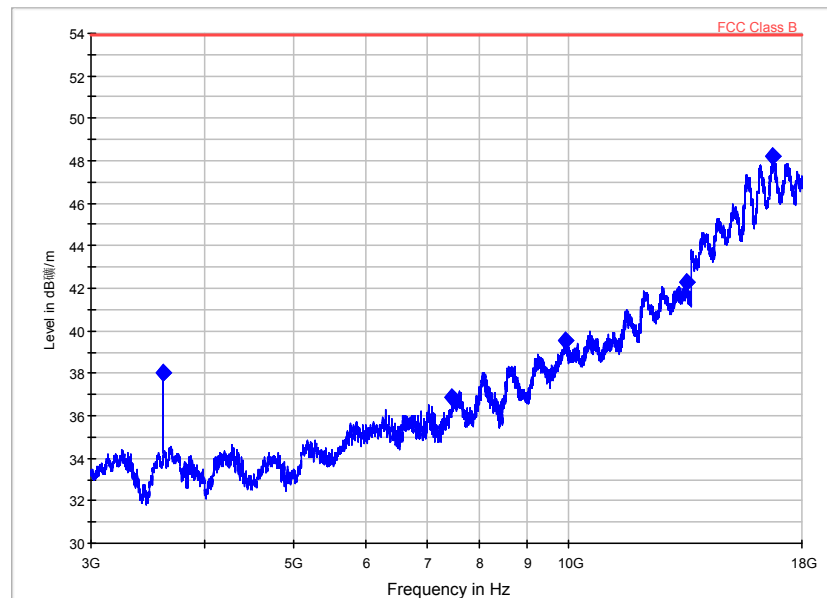


Fig. 70 Radiated Spurious Emission (8DPSK, Ch0, 3 GHz ~18 GHz)

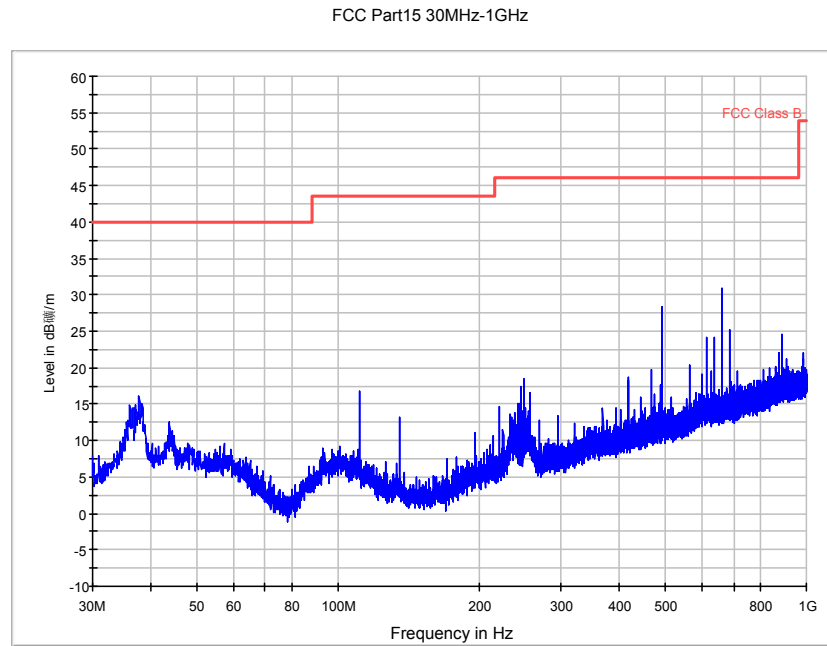


Fig. 71 Radiated Spurious Emission (8DPSK, Ch39, 30MHz ~1 GHz)

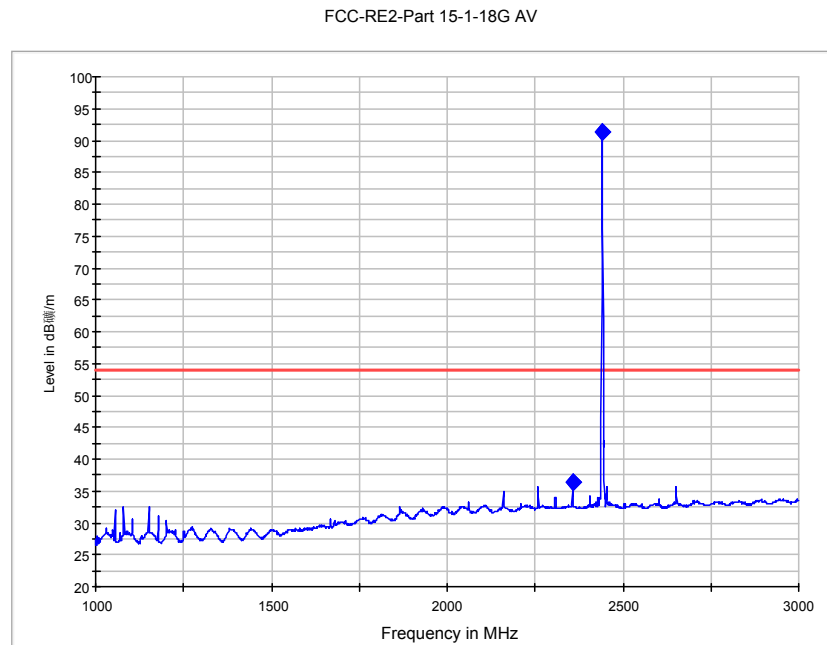


Fig. 72 Radiated Spurious Emission (8DPSK, Ch39, 1 GHz ~3 GHz)

FCC-RE2-Part 15-1-18G AV

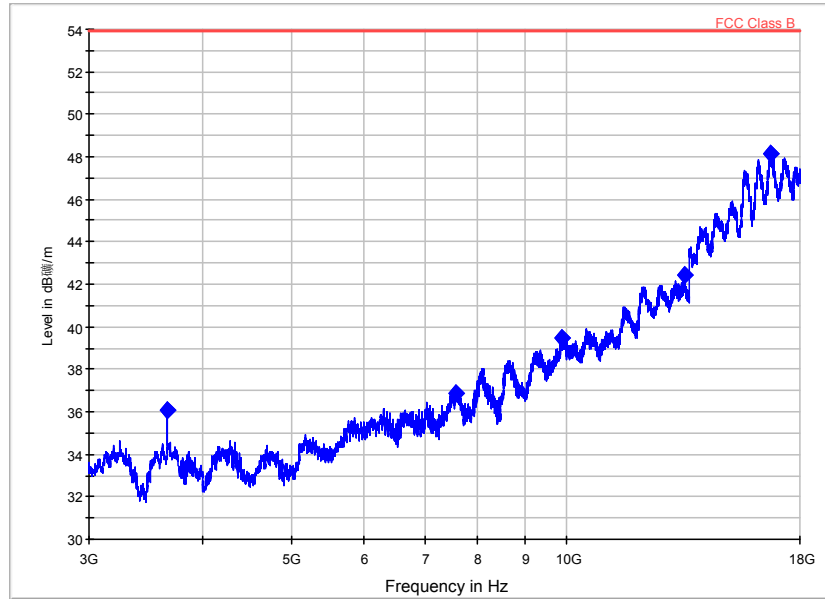


Fig. 73 Radiated Spurious Emission (8DPSK, Ch39, 3 GHz ~18 GHz)

FCC Part15 30MHz-1GHz

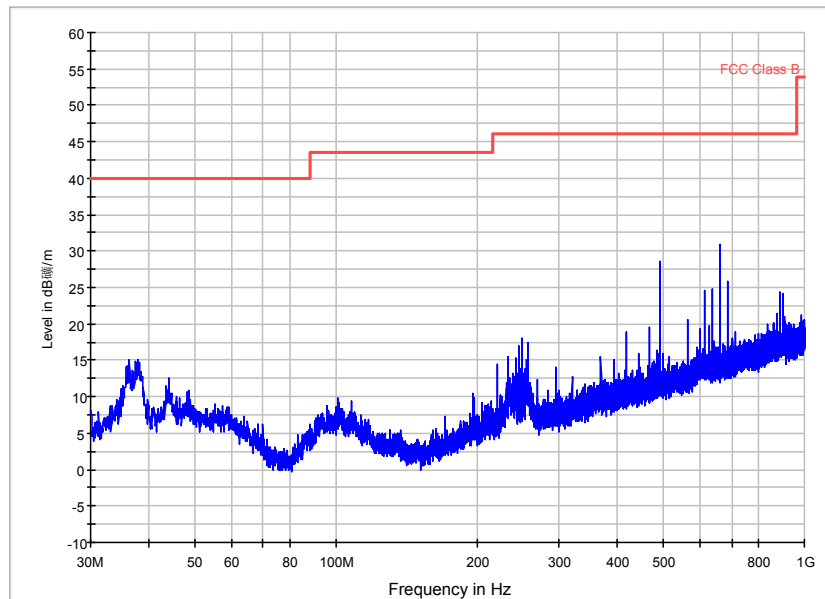


Fig. 74 Radiated Spurious Emission (8DPSK, Ch78, 30MHz ~1 GHz)

FCC-RE2-Part 15-1-18G AV

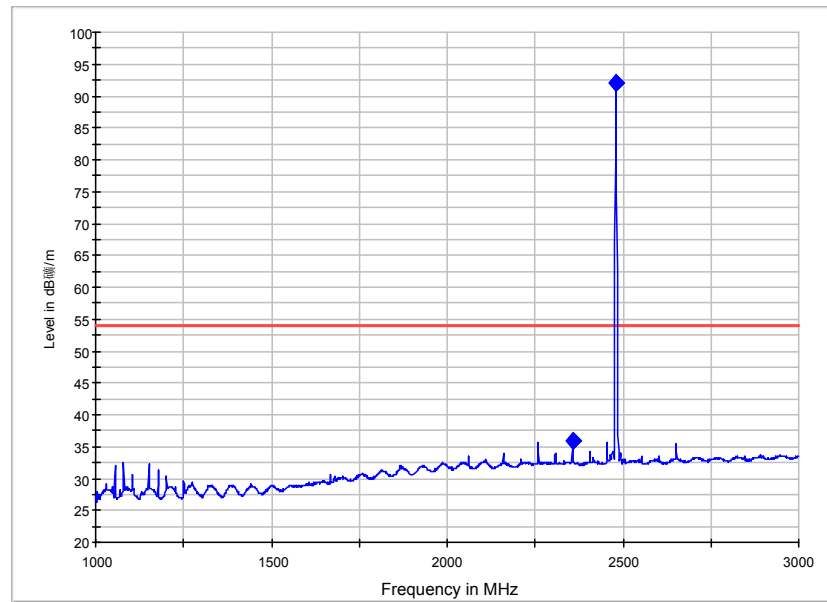


Fig. 75 Radiated Spurious Emission (8DPSK, Ch78, 1 GHz ~3 GHz)

FCC-RE2-Part 15-1-18G AV

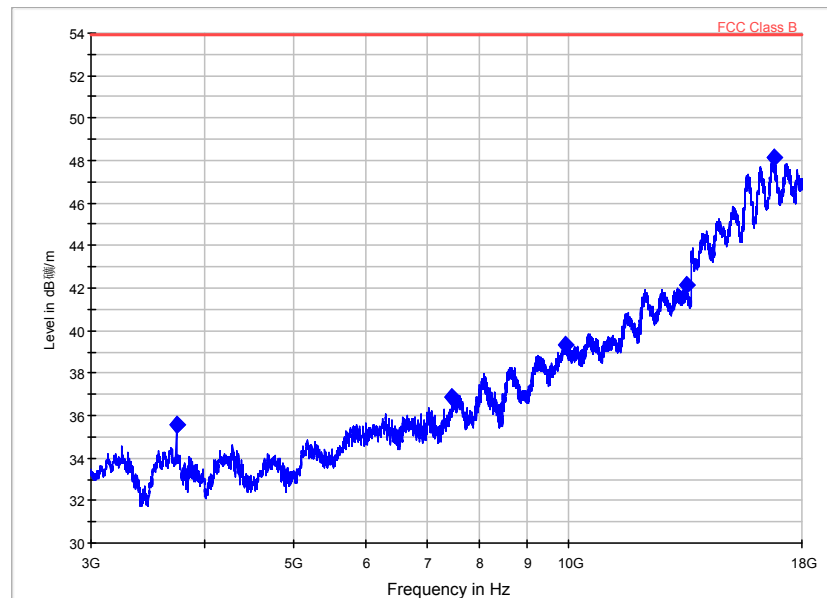


Fig. 76 Radiated Spurious Emission (8DPSK, Ch78, 3 GHz ~18 GHz)

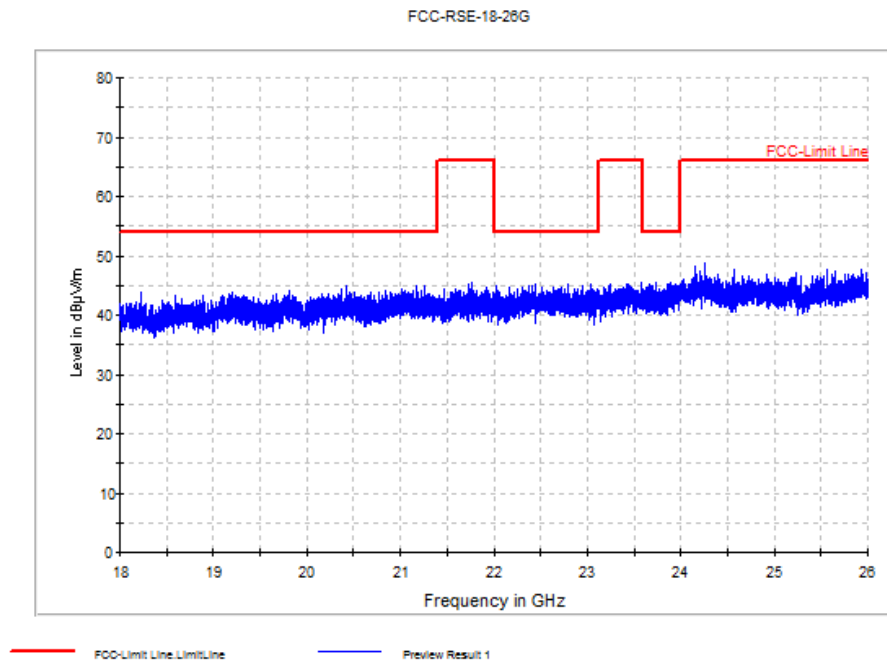


Fig. 77 Radiated Spurious Emission (All channel, 18 GHz ~26 GHz)

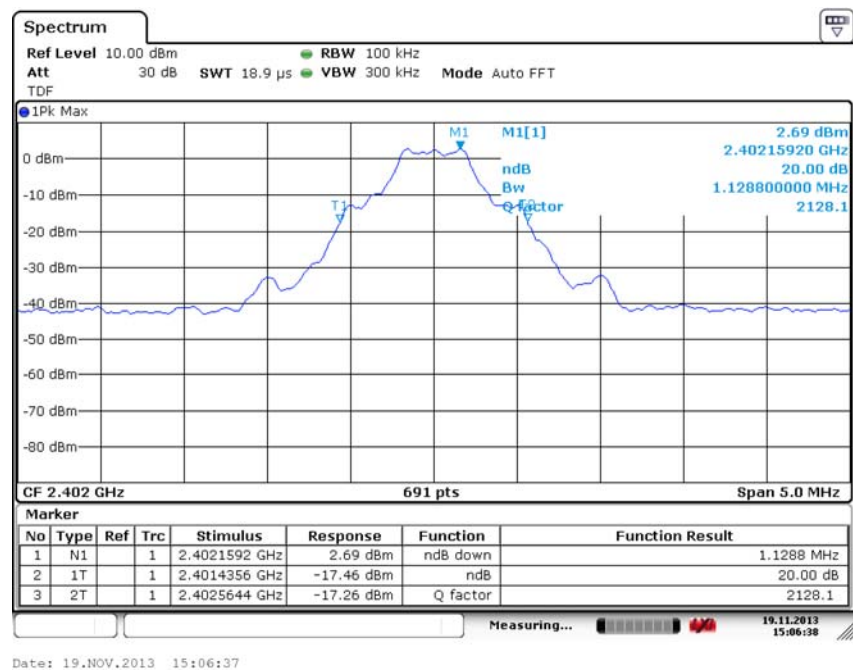


Fig. 78 Occupied 20dB Bandwidth (GFSK, Ch 0)

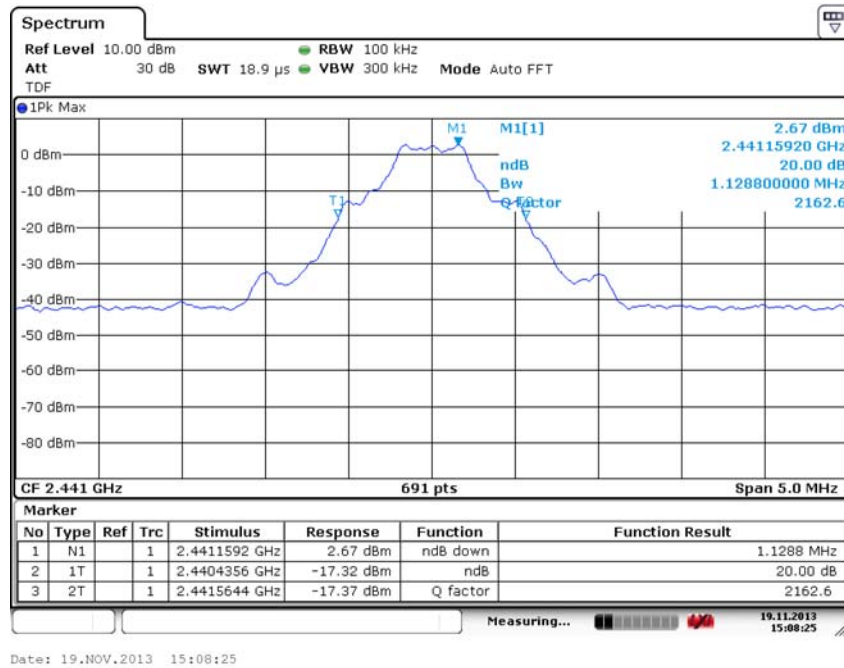


Fig. 79 Occupied 20dB Bandwidth (GFSK, Ch 39)

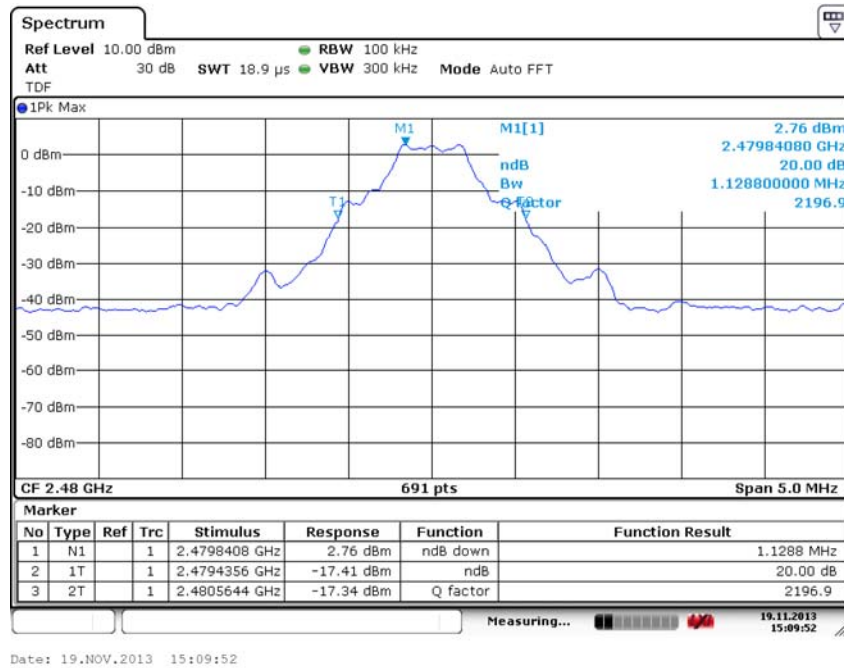
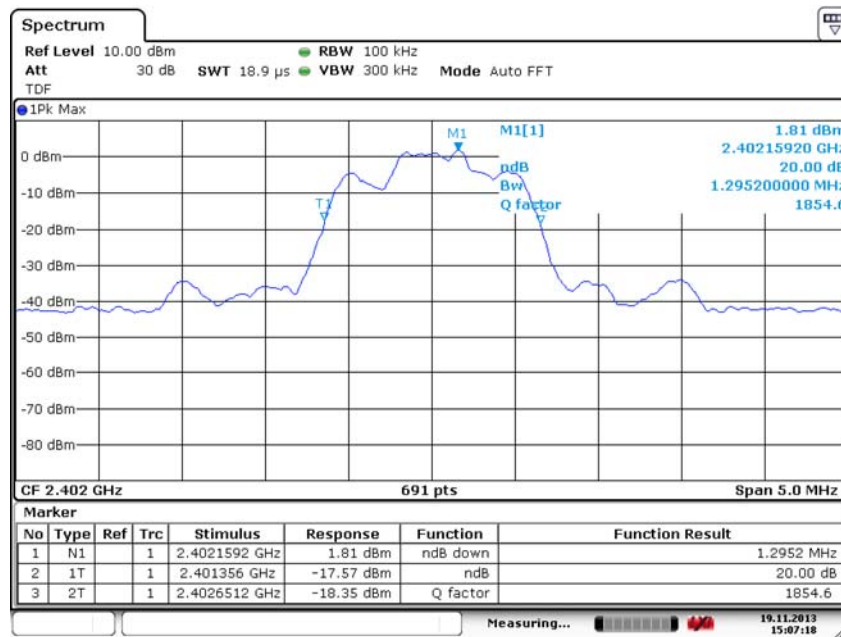
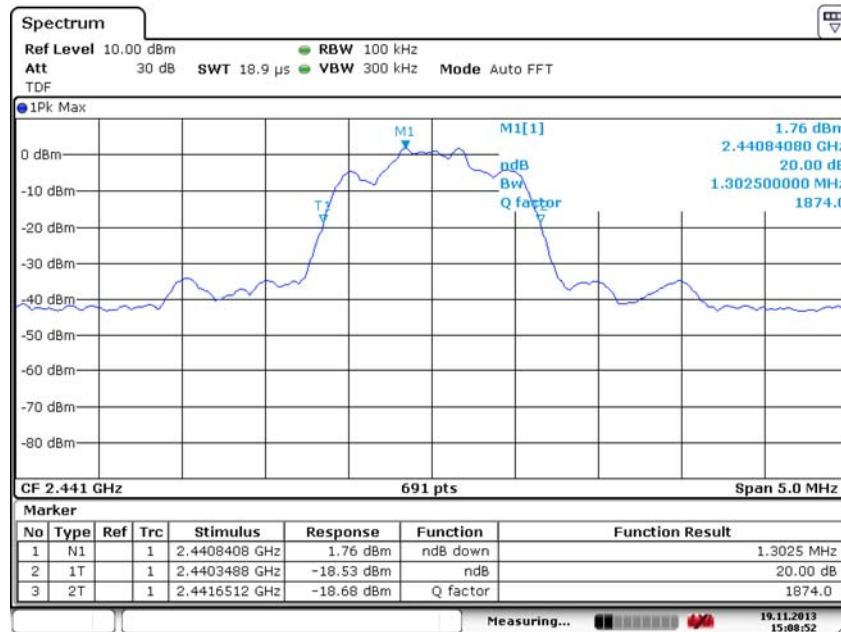


Fig. 80 Occupied 20dB Bandwidth (GFSK, Ch 78)



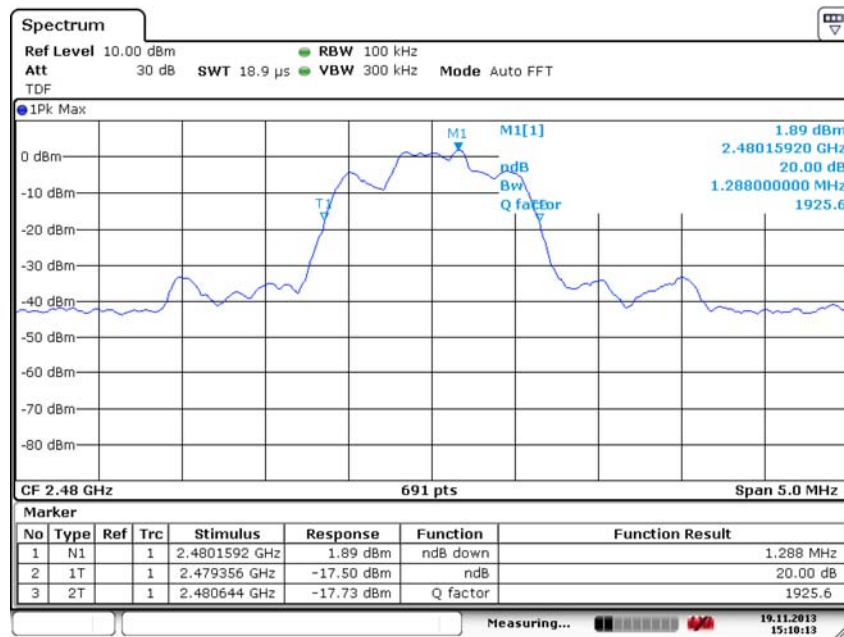
Date: 19.NOV.2013 15:07:18

Fig. 81 Occupied 20dB Bandwidth ($\pi/4$ DQPSK, Ch 0)



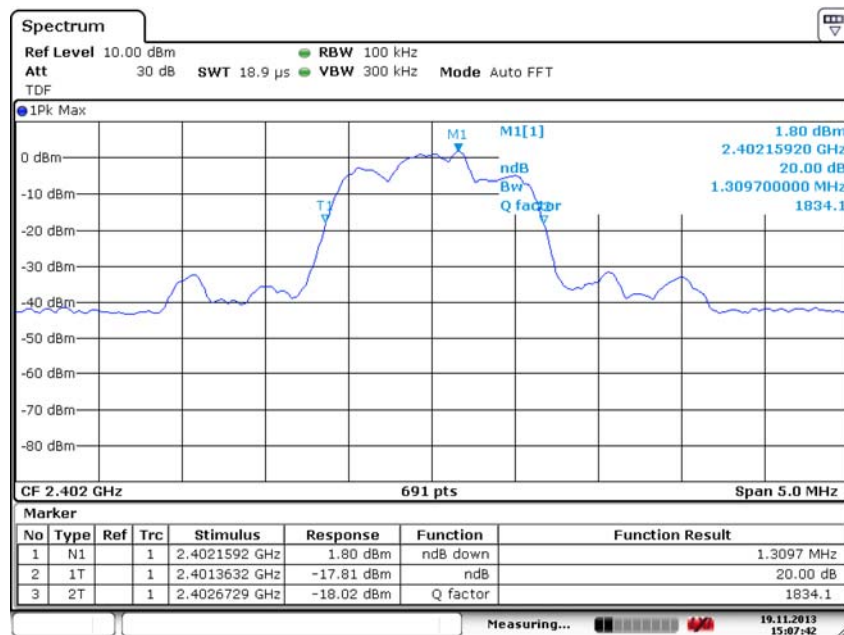
Date: 19.NOV.2013 15:08:51

Fig. 82 Occupied 20dB Bandwidth ($\pi/4$ DQPSK, Ch 39)



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Fig. 83 Occupied 20dB Bandwidth ($\pi/4$ DQPSK, Ch 78)



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Fig. 84 Occupied 20dB Bandwidth (8DPSK, Ch 0)

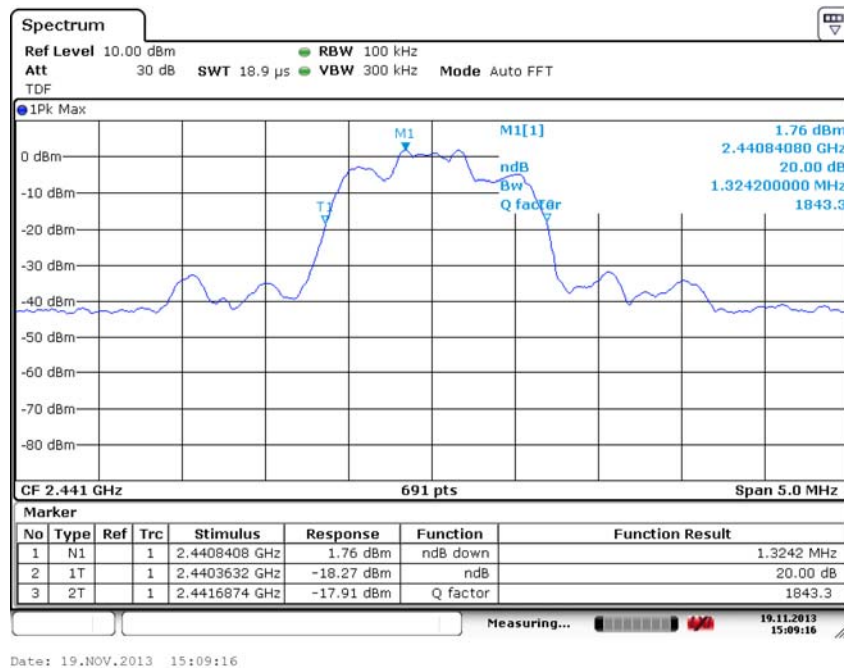


Fig. 85 Occupied 20dB Bandwidth (8DPSK, Ch 39)

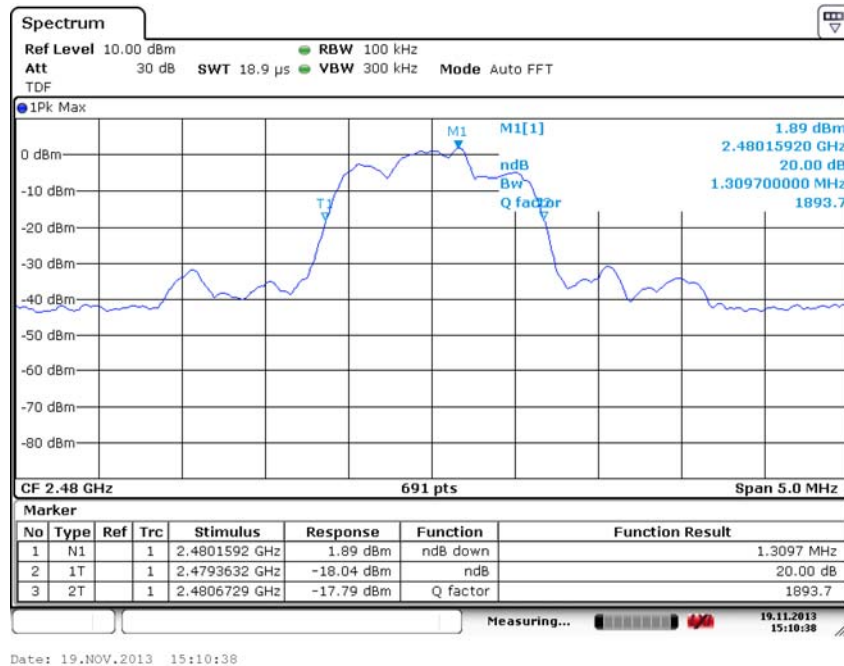
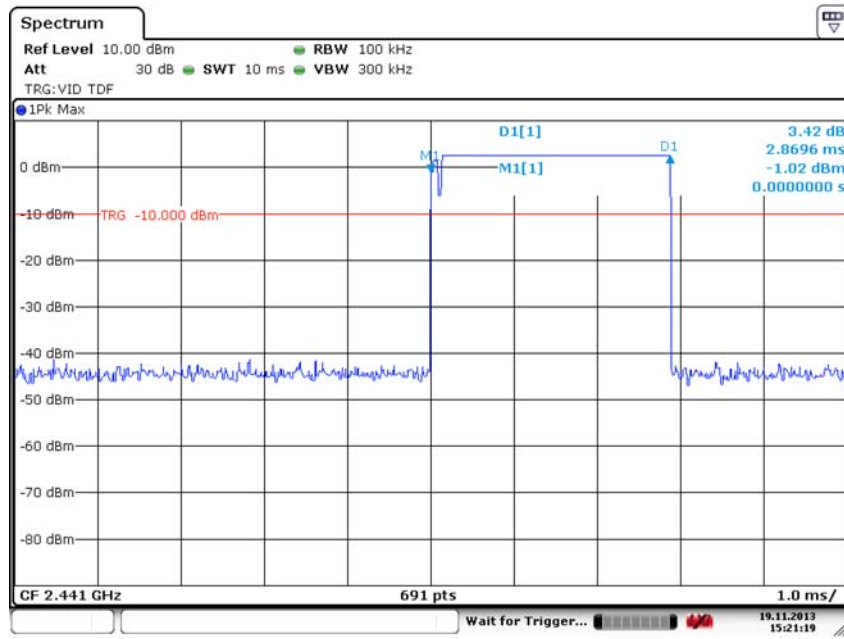
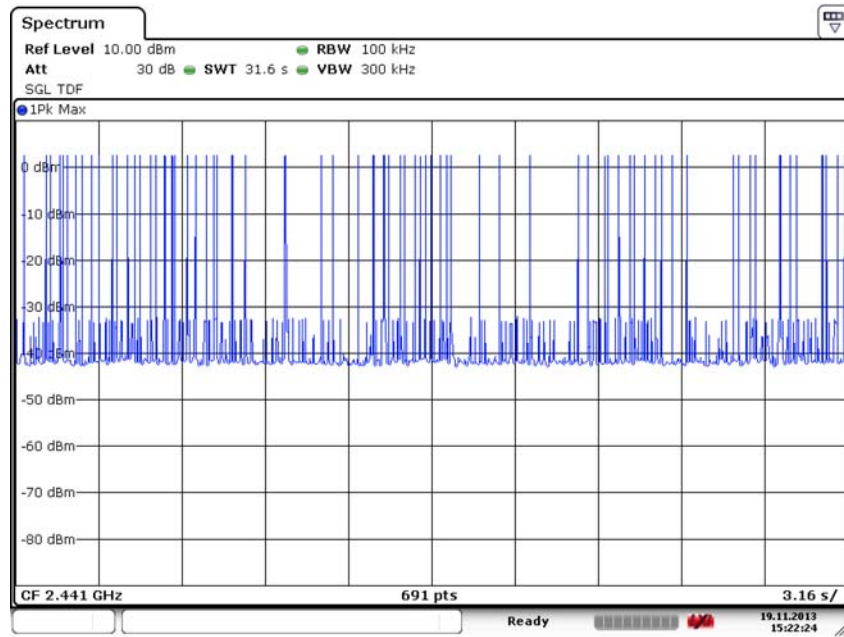


Fig. 86 Occupied 20dB Bandwidth (8DPSK, Ch 78)



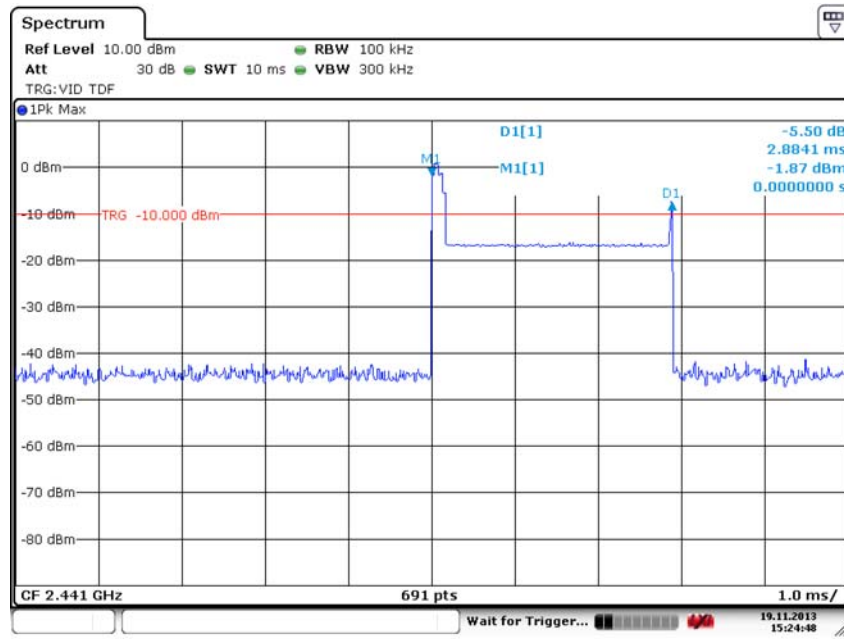
Date: 19.NOV.2013 15:21:19

Fig. 87 Time of Occupancy(Dwell Time) (GFSK, Ch39)



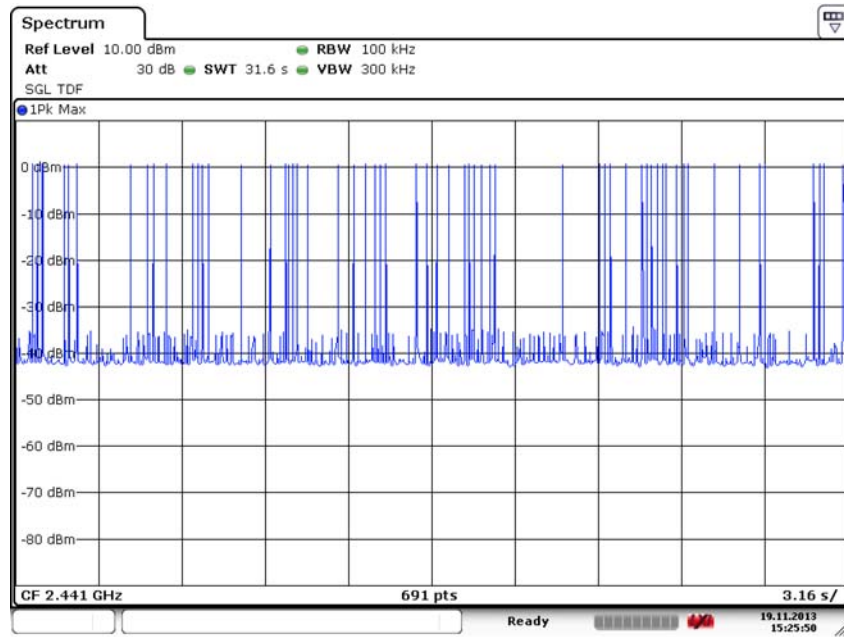
Date: 19.NOV.2013 15:22:24

Fig. 88 Number of Transmissions (GFSK, Ch39)



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Fig. 89 Time of Occupancy(Dwell Time) ($\pi/4$ DQPSK, Ch39)



Date: 19.NOV.2013 15:25:50

Fig. 90 Number of Transmissions ($\pi/4$ DQPSK, Ch39)

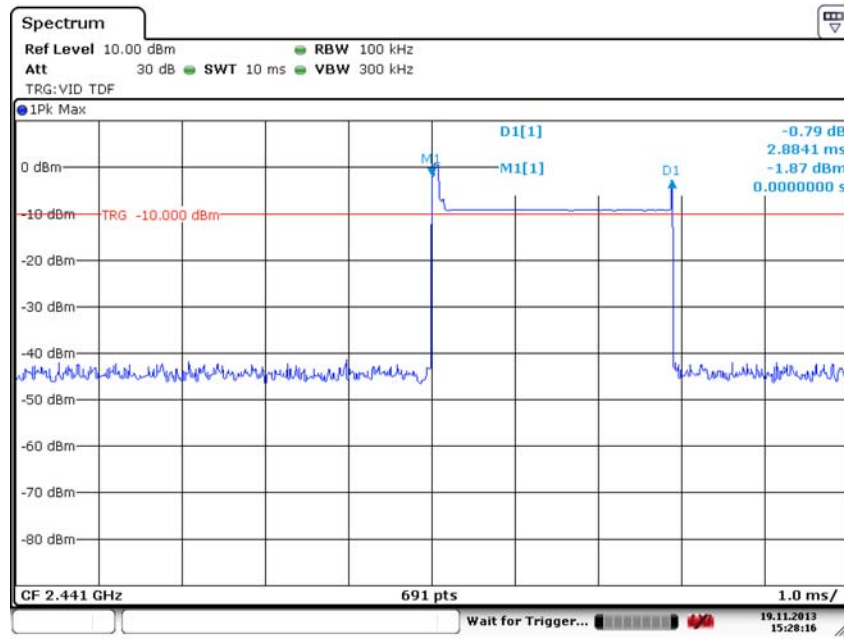


Fig. 91 Time of Occupancy(Dwell Time) (8DPSK, Ch39)

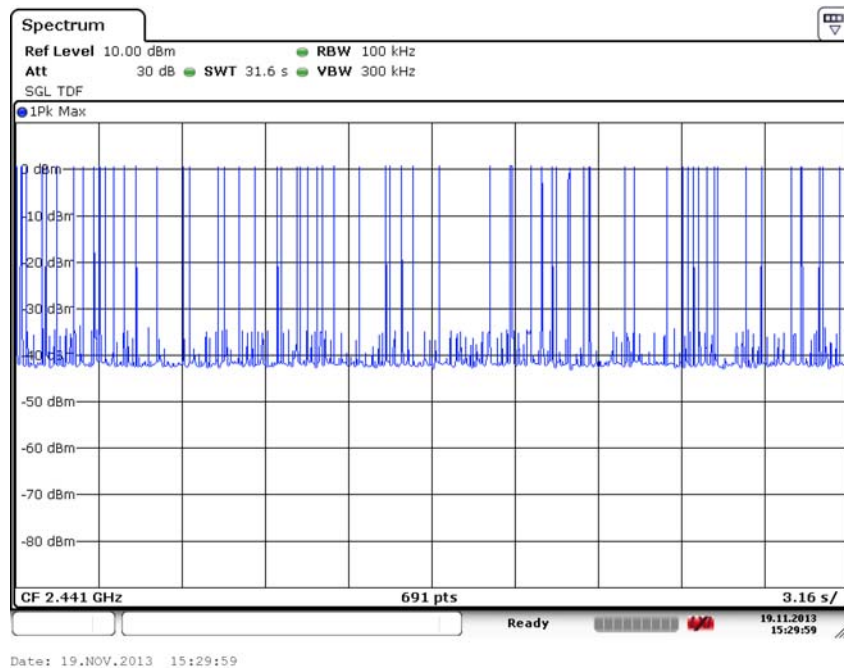
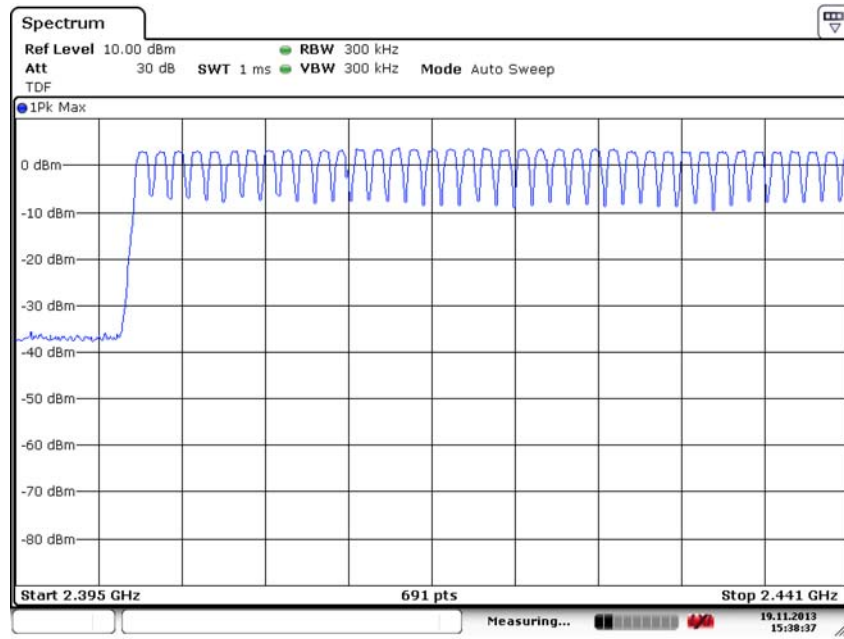
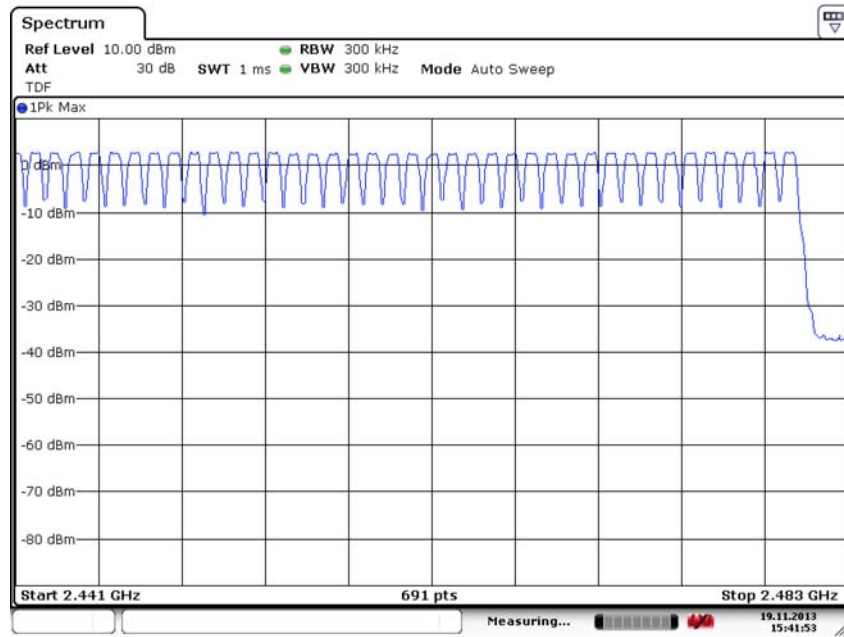


Fig. 92 Number of Transmissions (8DPSK, Ch39)



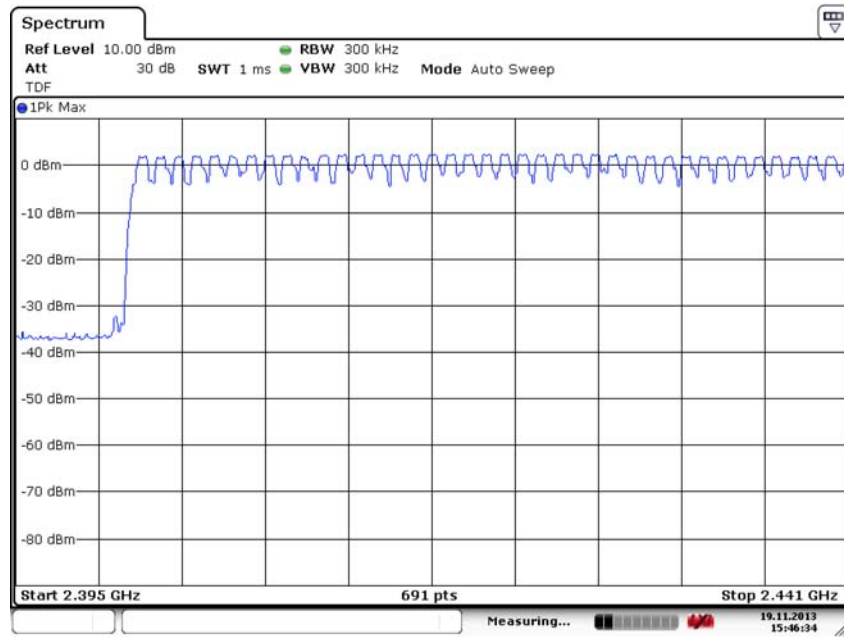
Date: 19.NOV.2013 15:38:37

Fig. 93 Hopping channel ch0~39 (GFSK, Ch39)



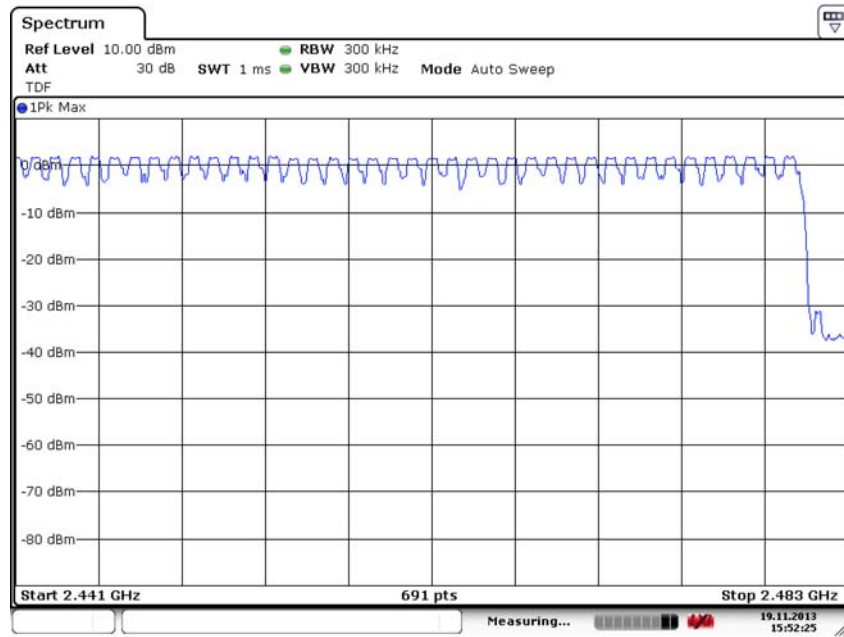
Date: 19.NOV.2013 15:41:52

Fig. 94 Hopping channel ch39~78 (GFSK, Ch39)



Date: 19.NOV.2013 15:46:34

Fig. 95 Hopping channel ch0~39 ($\pi/4$ DQPSK, Ch39)



Date: 19.NOV.2013 15:52:25

Fig. 96 Hopping channel ch39~78 ($\pi/4$ DQPSK, Ch39)

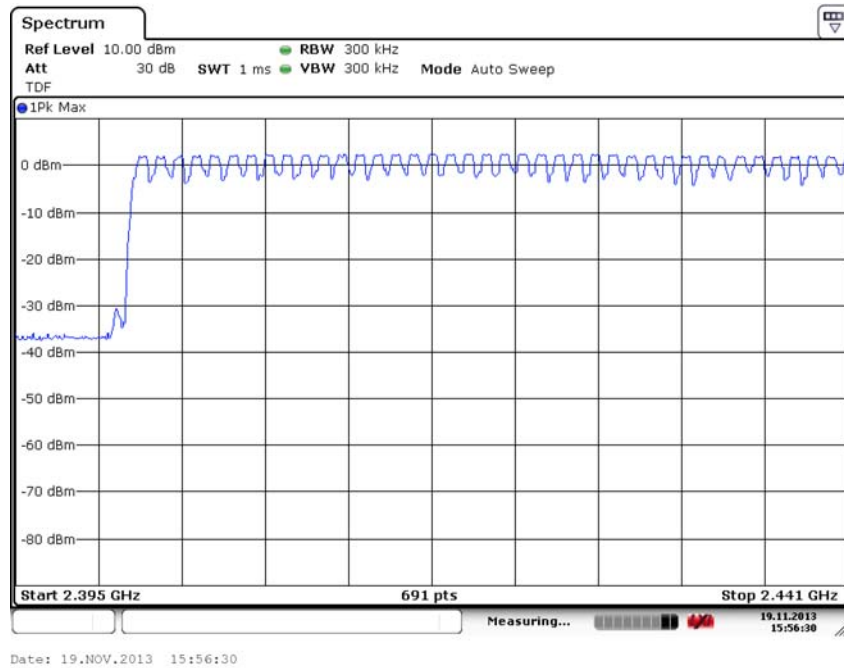


Fig. 97 Hopping channel ch0~39 (8DPSK, Ch39)

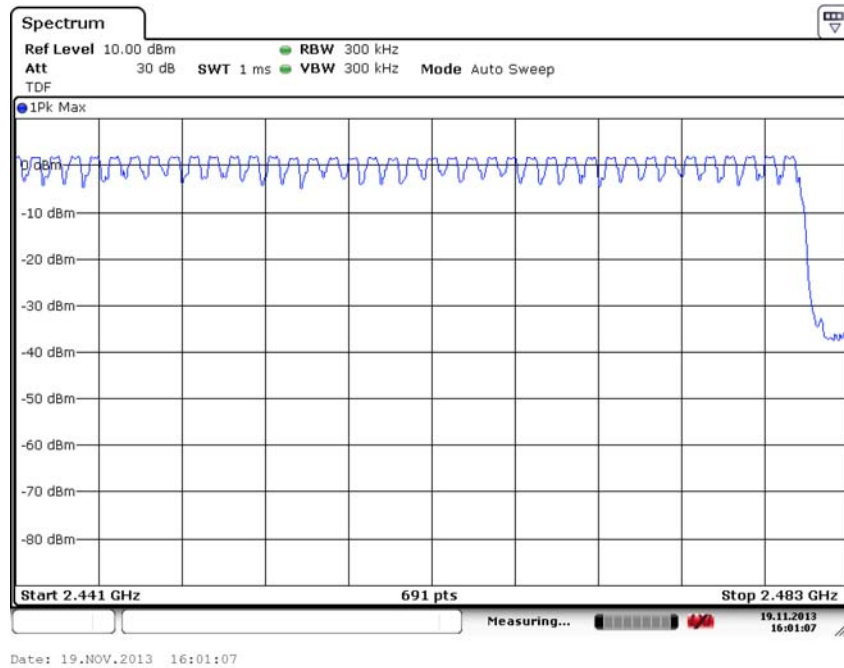
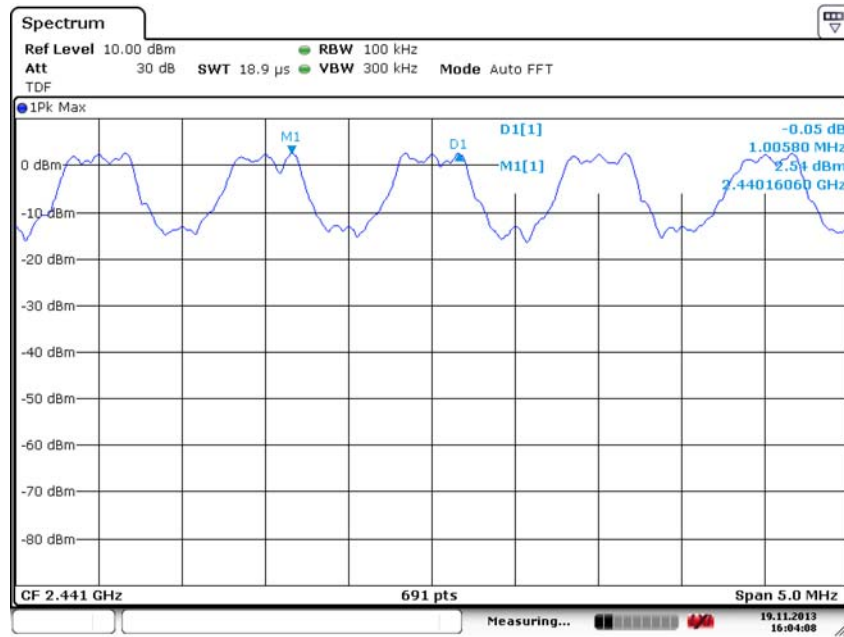
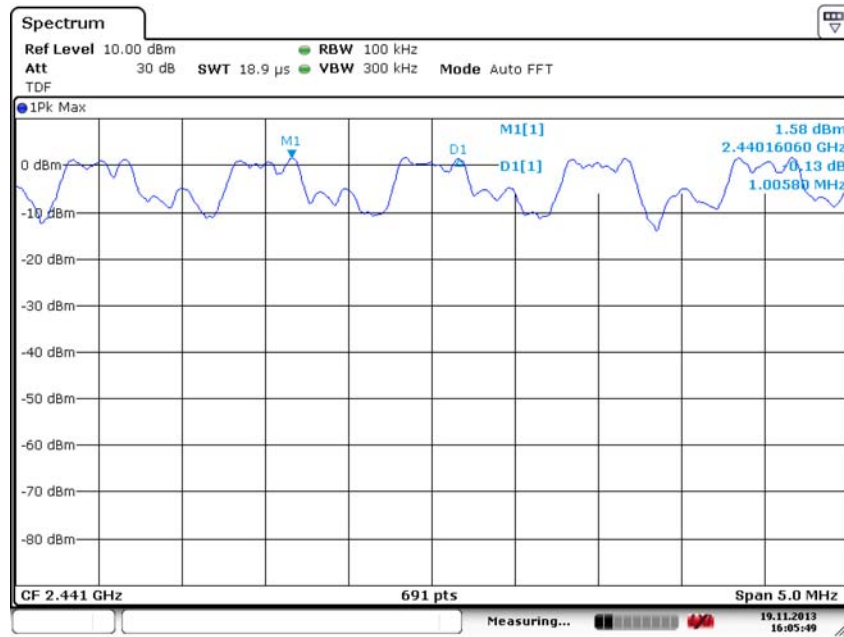


Fig. 98 Hopping channel ch39~78 (8DPSK, Ch39)



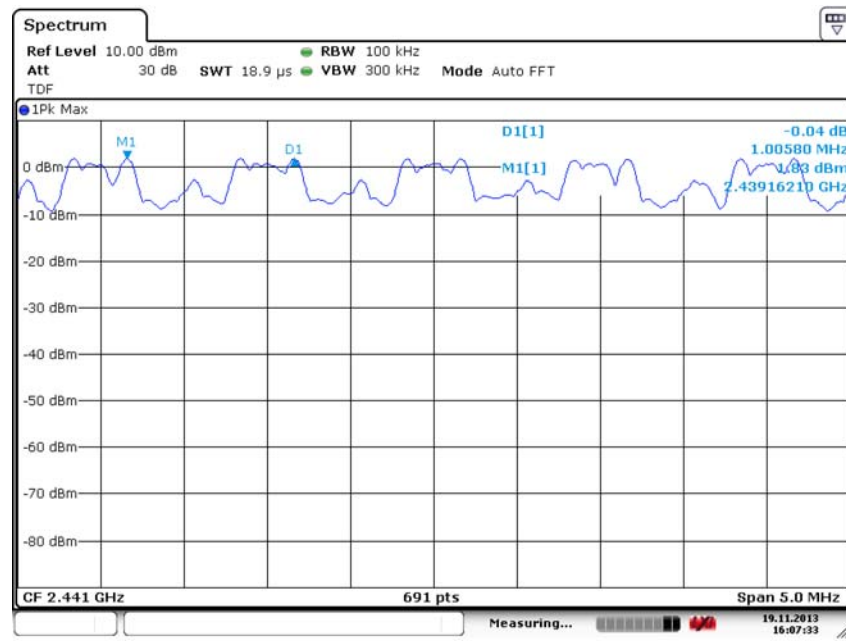
Date: 19.NOV.2013 16:04:07

Fig. 99 Carrier Frequency Separation (GFSK, Ch39)



Date: 19.NOV.2013 16:05:49

Fig. 100 Carrier Frequency Separation ($\pi/4$ DQPSK, Ch39)



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Fig. 101 Carrier Frequency Separation (8DPSK, Ch39)

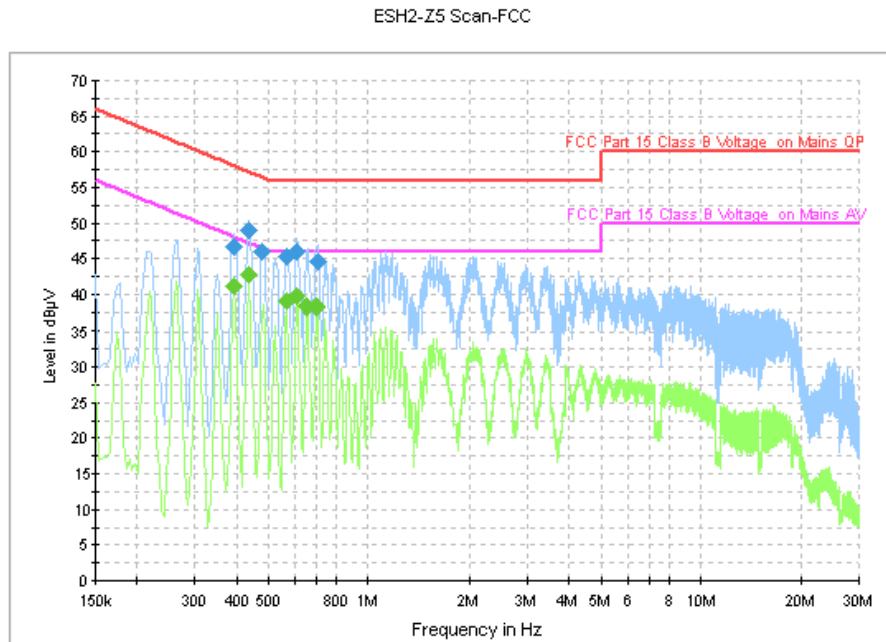


Fig. 102 AC Power line Conducted Emission (Traffic, AE2)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.394000	46.6	FLO	L1	10.0	11.3	58.0
0.434000	48.9	FLO	L1	10.0	8.3	57.2
0.478000	46.0	FLO	L1	10.0	10.4	56.4
0.566000	45.3	FLO	L1	10.1	10.7	56.0
0.610000	46.1	FLO	L1	10.0	9.9	56.0
0.702000	44.6	FLO	L1	10.0	11.4	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.394000	41.2	FLO	L1	10.0	6.7	48.0
0.434000	42.7	FLO	L1	10.0	4.5	47.2
0.566000	39.1	FLO	L1	10.1	6.9	46.0
0.610000	39.8	FLO	L1	10.0	6.2	46.0
0.654000	38.5	FLO	L1	10.0	7.5	46.0
0.698000	38.4	FLO	L1	10.0	7.6	46.0

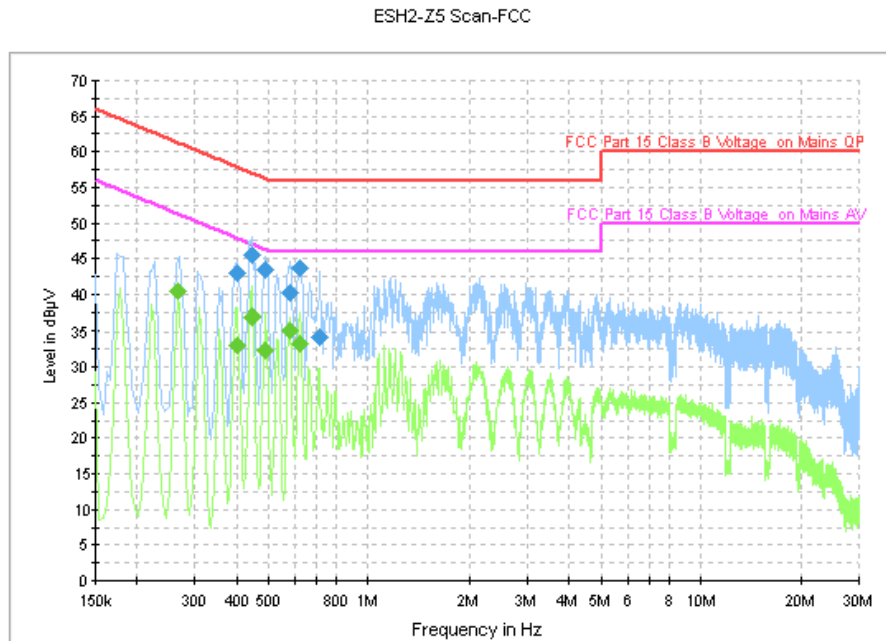


Fig. 103 AC Power line Conducted Emission (Idle, AE2)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.402000	43.0	FLO	L1	10.0	14.8	57.8
0.446000	45.5	FLO	L1	10.0	11.5	56.9
0.490000	43.5	FLO	L1	10.0	12.7	56.2
0.582000	40.1	FLO	L1	10.1	15.9	56.0
0.622000	43.7	FLO	L1	10.0	12.3	56.0
0.714000	34.1	FLO	N	10.0	21.9	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.266000	40.4	FLO	L1	10.0	10.8	51.2
0.402000	33.1	FLO	L1	10.0	14.7	47.8
0.446000	37.0	FLO	L1	10.0	9.9	46.9
0.490000	32.4	FLO	L1	10.0	13.7	46.2
0.578000	35.1	FLO	L1	10.1	10.9	46.0
0.622000	33.3	FLO	L1	10.0	12.7	46.0

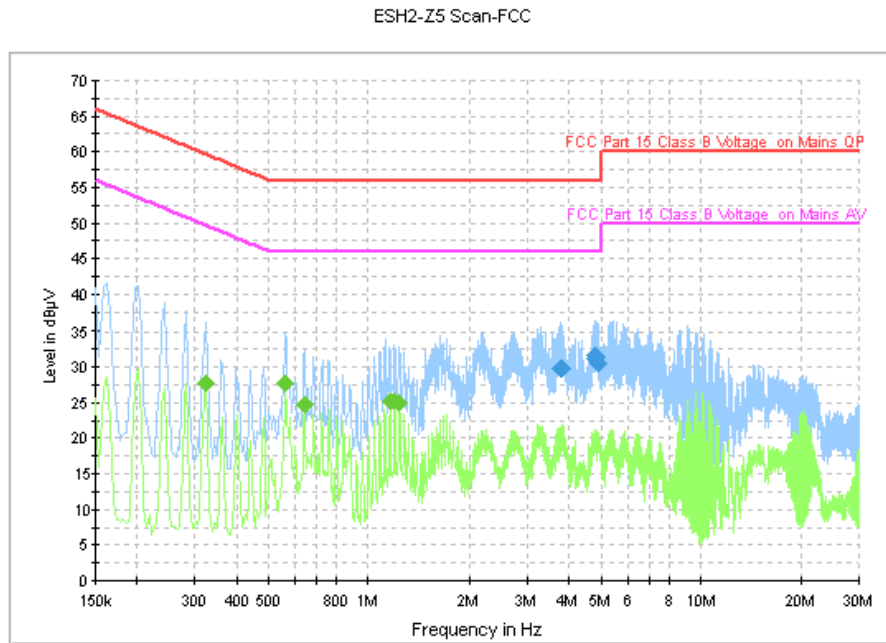


Fig. 104 AC Power line Conducted Emission (Traffic, AE3)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
3.770000	29.8	FLO	L1	10.2	26.2	56.0
3.822000	29.9	FLO	L1	10.2	26.1	56.0
4.770000	31.3	FLO	L1	10.2	24.7	56.0
4.790000	31.6	FLO	L1	10.2	24.4	56.0
4.830000	31.4	FLO	L1	10.2	24.6	56.0
4.910000	30.4	FLO	L1	10.2	25.6	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.322000	27.8	FLO	L1	10.0	21.9	49.7
0.562000	27.8	FLO	N	10.1	18.2	46.0
0.642000	24.8	FLO	N	10.0	21.2	46.0
1.162000	25.1	FLO	L1	10.1	20.9	46.0
1.202000	25.2	FLO	L1	10.1	20.8	46.0
1.242000	25.0	FLO	L1	10.1	21.0	46.0

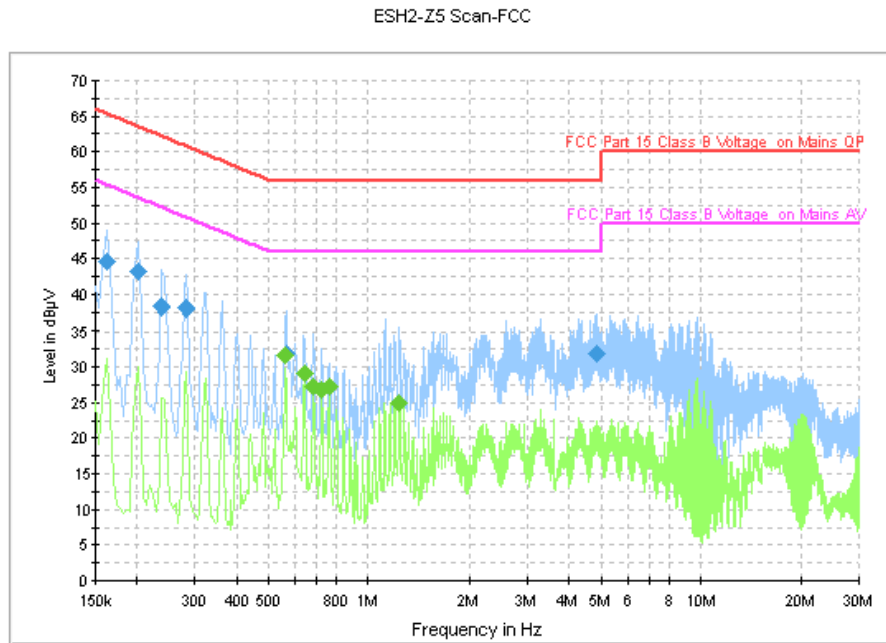


Fig. 105 AC Power line Conducted Emission (Idle, AE3)

MEASUREMENT RESULT: " QuasiPeak "

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.162000	44.6	FLO	N	10.1	20.7	65.4
0.202000	43.1	FLO	N	10.1	20.4	63.5
0.238000	38.4	FLO	N	10.0	23.8	62.2
0.282000	38.2	FLO	L1	10.0	22.5	60.8
0.566000	32.0	FLO	L1	10.1	24.0	56.0
4.850000	31.9	FLO	L1	10.2	24.1	56.0

MEASUREMENT RESULT: " Average "

Frequency (MHz)	CAverage (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.562000	31.5	FLO	L1	10.1	14.5	46.0
0.642000	29.1	FLO	L1	10.0	16.9	46.0
0.682000	27.2	FLO	L1	10.0	18.8	46.0
0.722000	26.7	FLO	L1	10.0	19.3	46.0
0.762000	27.2	FLO	L1	10.1	18.8	46.0
1.242000	25.1	FLO	L1	10.1	20.9	46.0

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