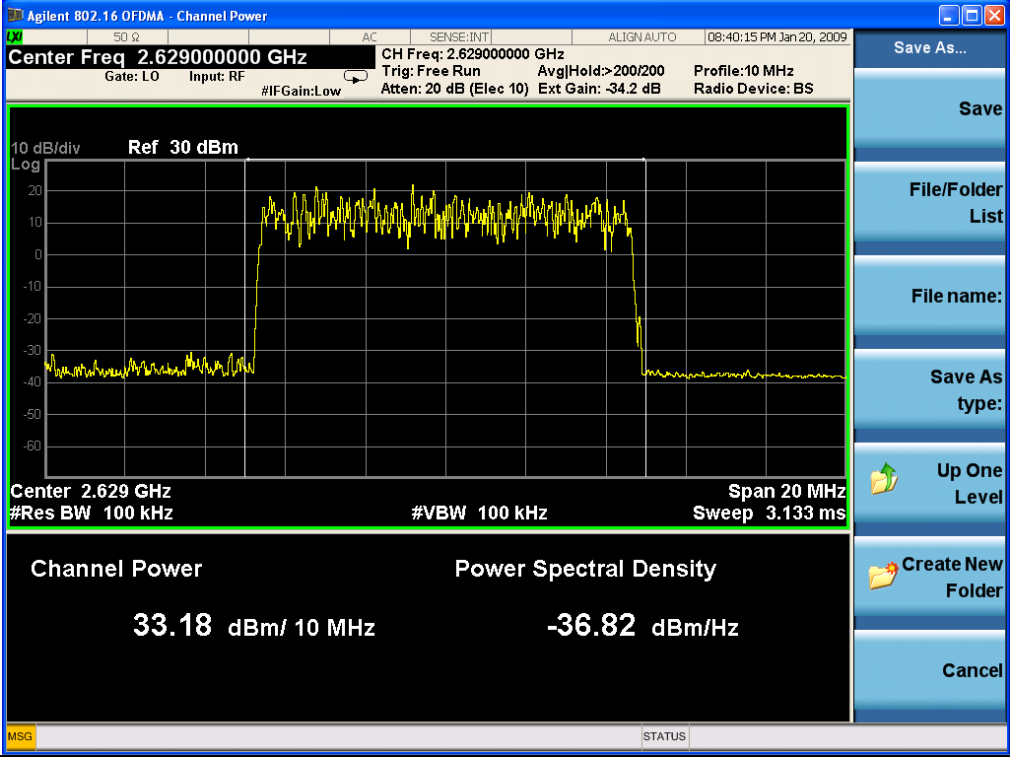
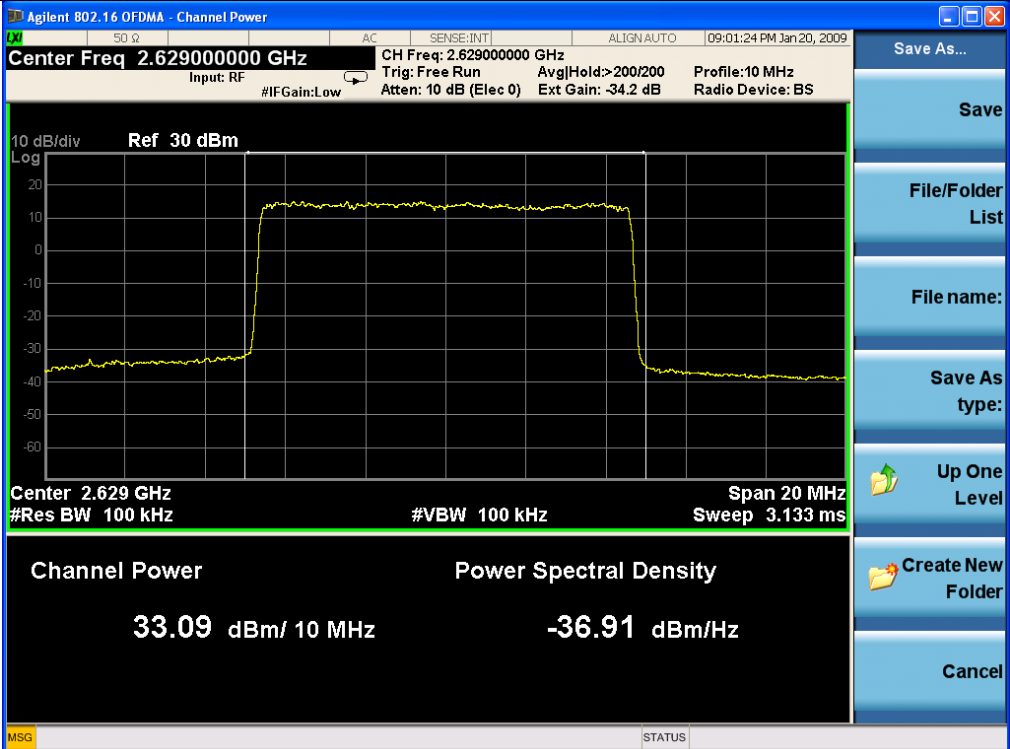
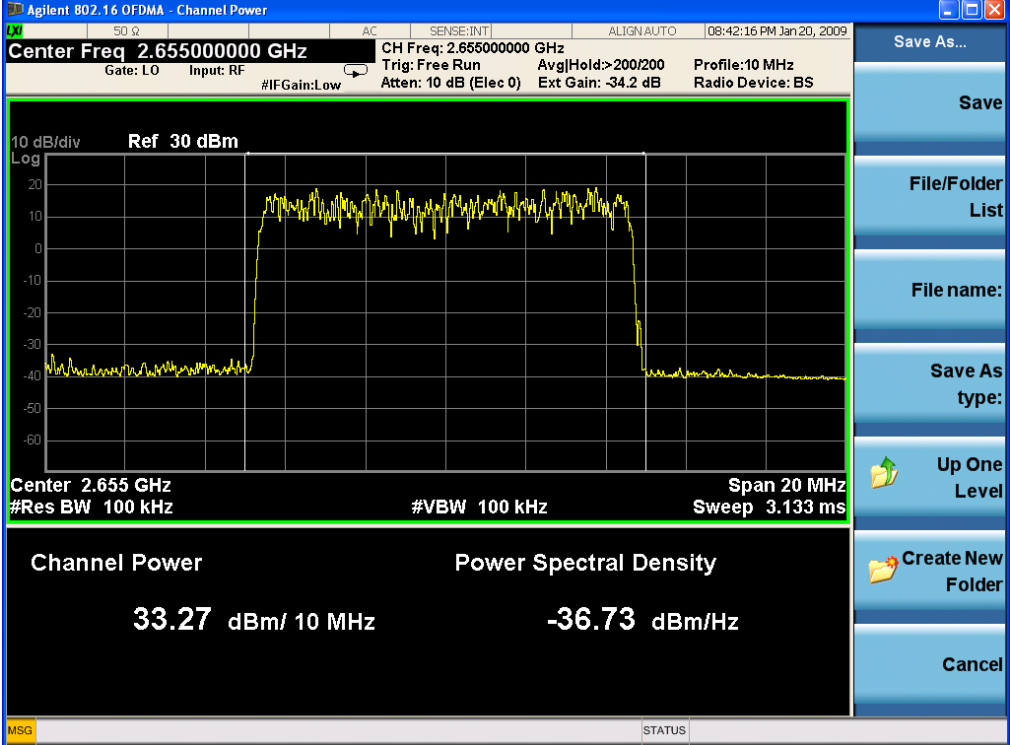
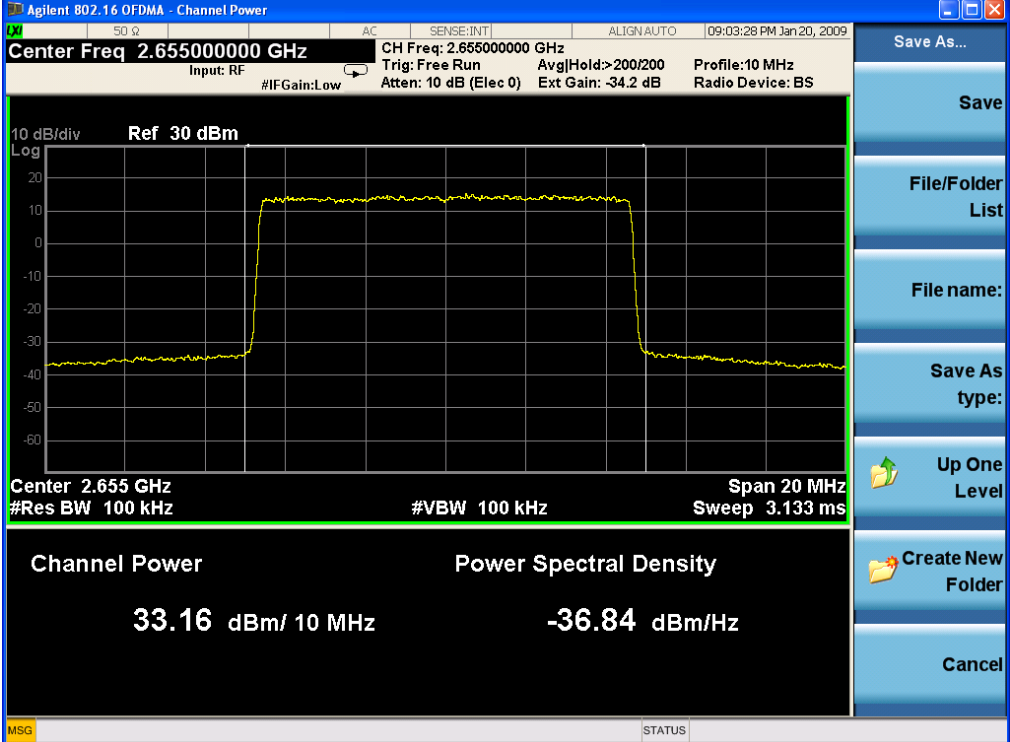


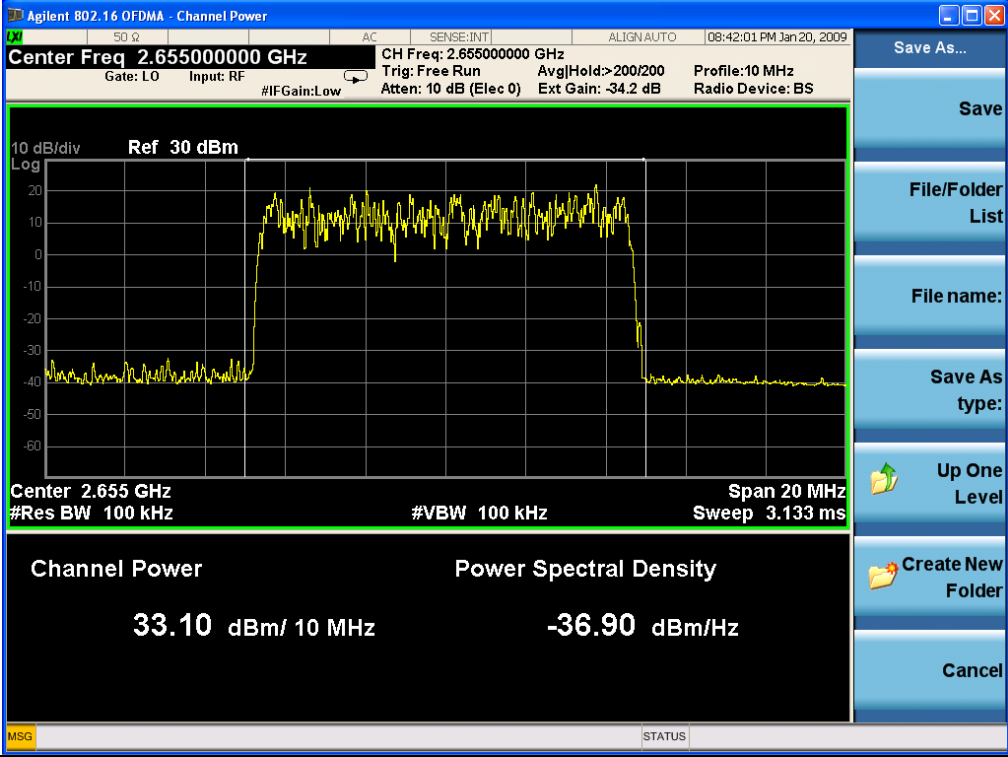
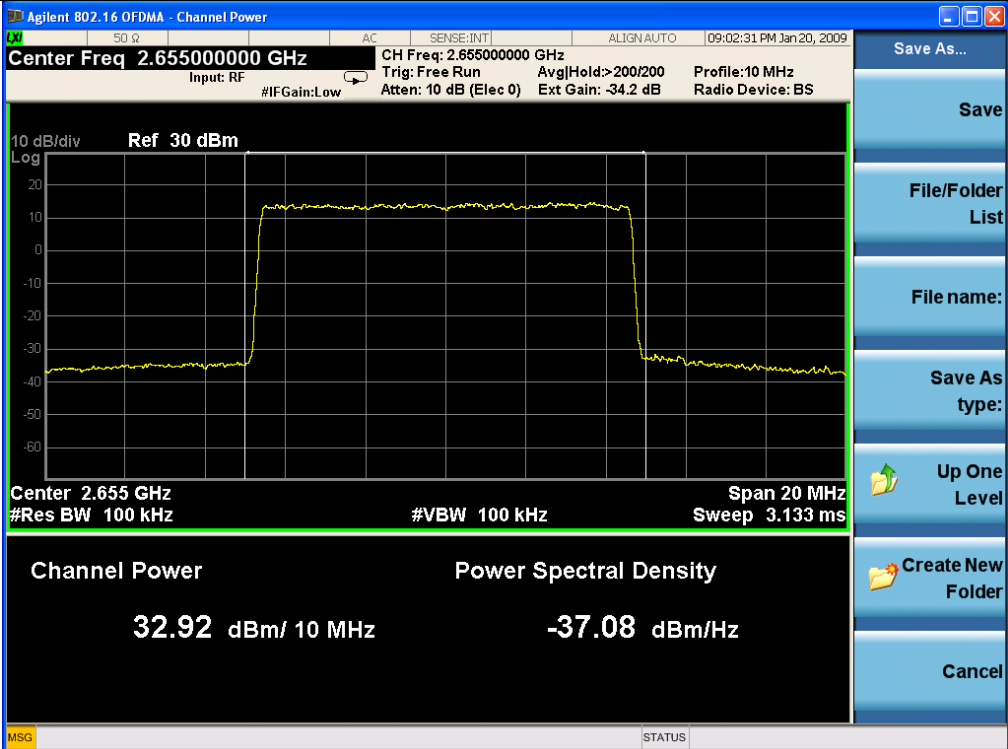
6.2.12 E-G Block [2629MHz – 64QAM]

Down Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.629000000 GHz CH Freq: 2.629000000 GHz Gate: LO Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 20 dB (Elec 10) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.629 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 33.18 dBm/ 10 MHz -36.82 dBm/Hz MSG STATUS
Up Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.629000000 GHz CH Freq: 2.629000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.629 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 33.09 dBm/ 10 MHz -36.91 dBm/Hz MSG STATUS

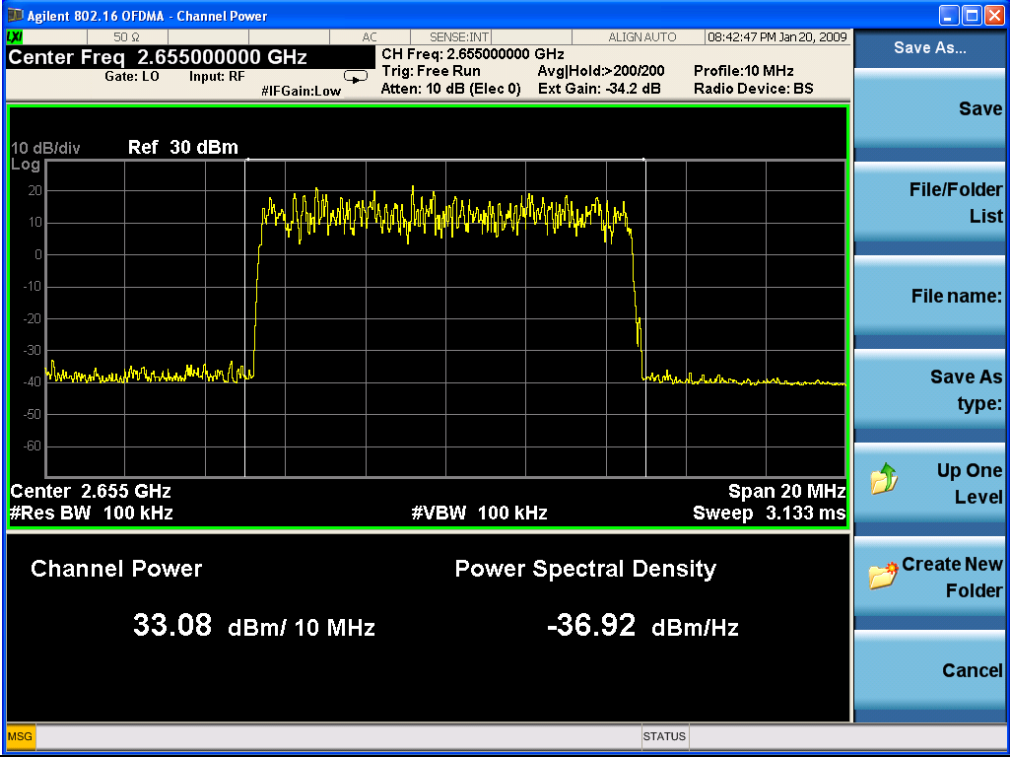
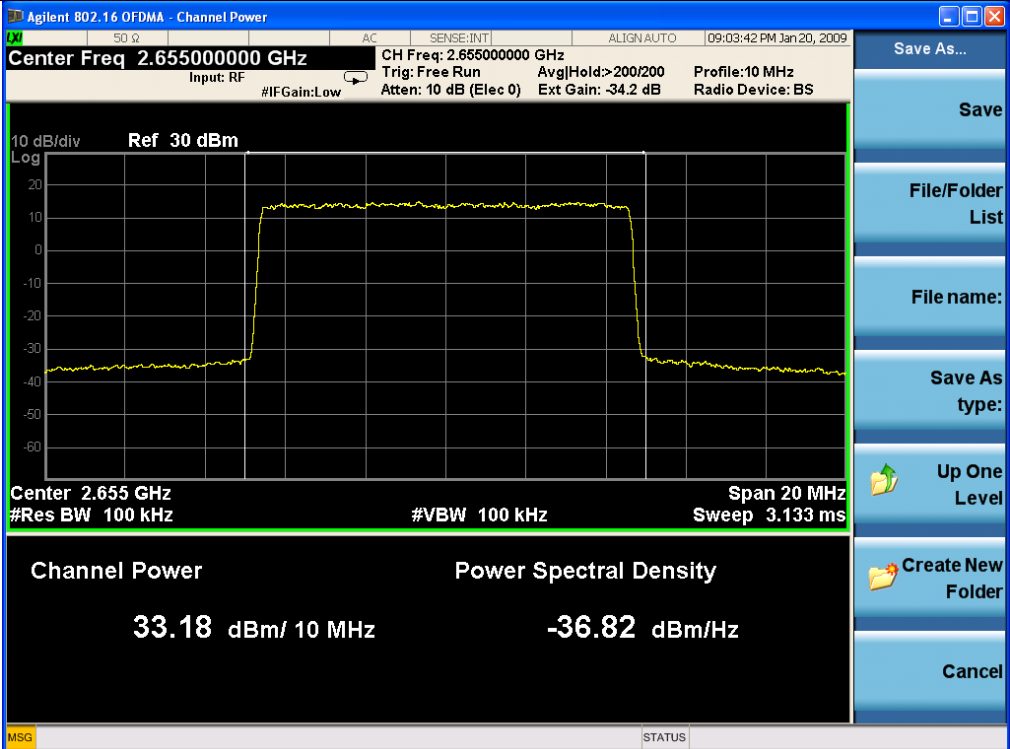
6.2.13 E-G Block [2655MHz – QPSK]

Down Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Gate: LO Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 33.27 dBm/ 10 MHz -36.73 dBm/Hz MSG STATUS
Up Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 33.16 dBm/ 10 MHz -36.84 dBm/Hz MSG STATUS

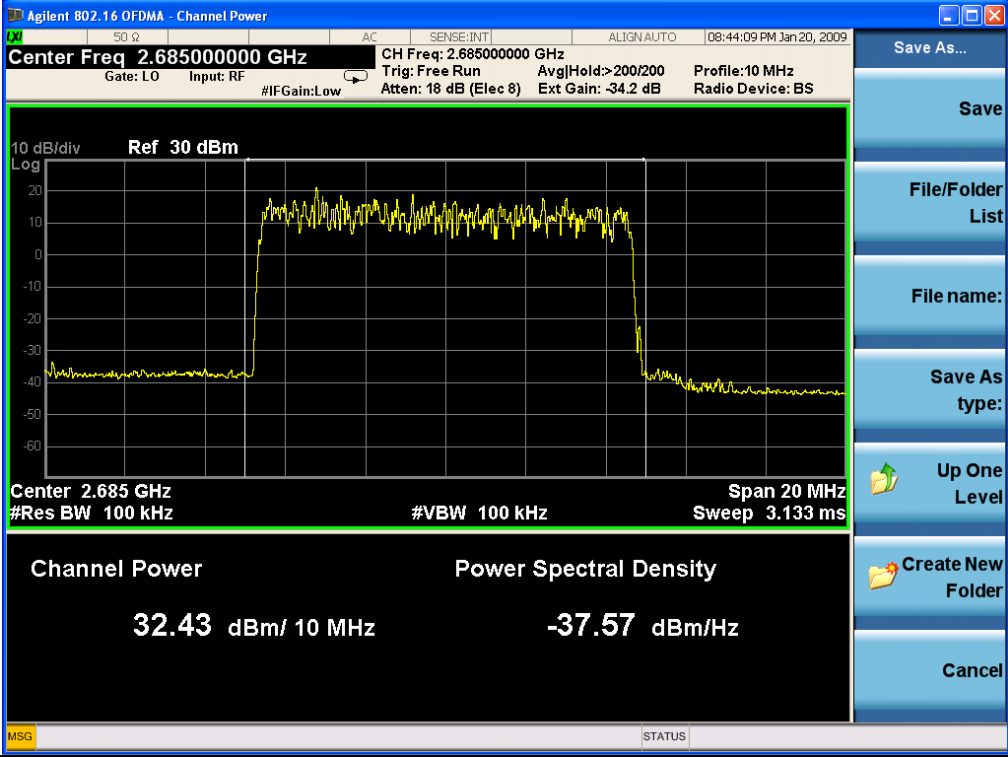
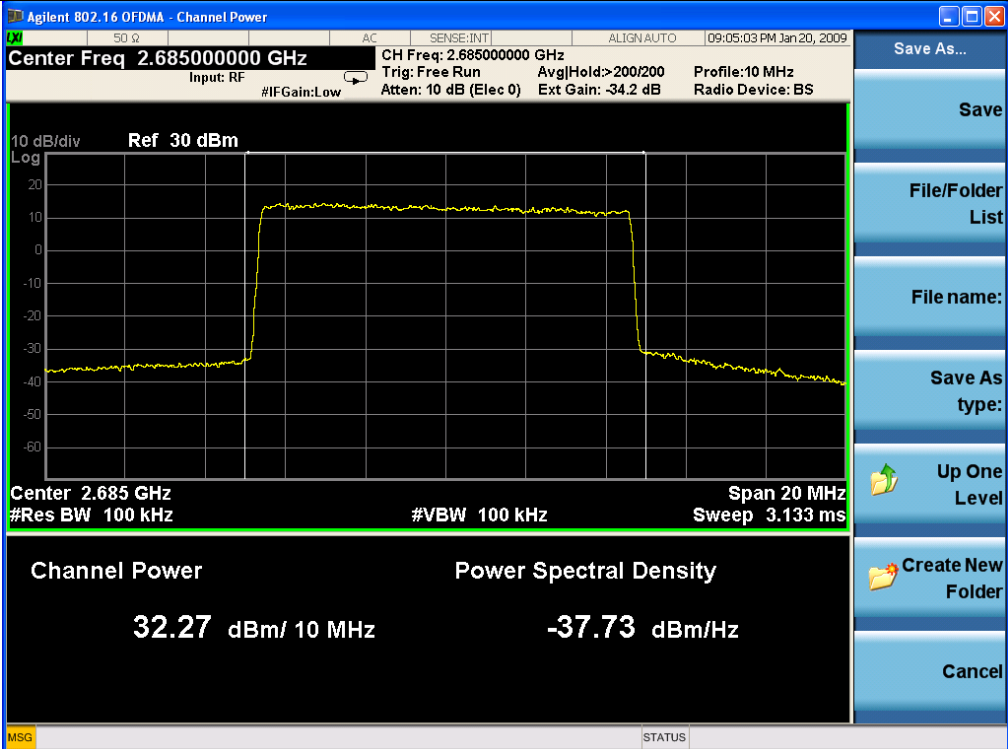
6.2.14 E-G Block [2655MHz – 16QAM]

Down Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Gate: LO Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 33.10 dBm/ 10 MHz -36.90 dBm/Hz MSG STATUS
Up Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 32.92 dBm/ 10 MHz -37.08 dBm/Hz MSG STATUS

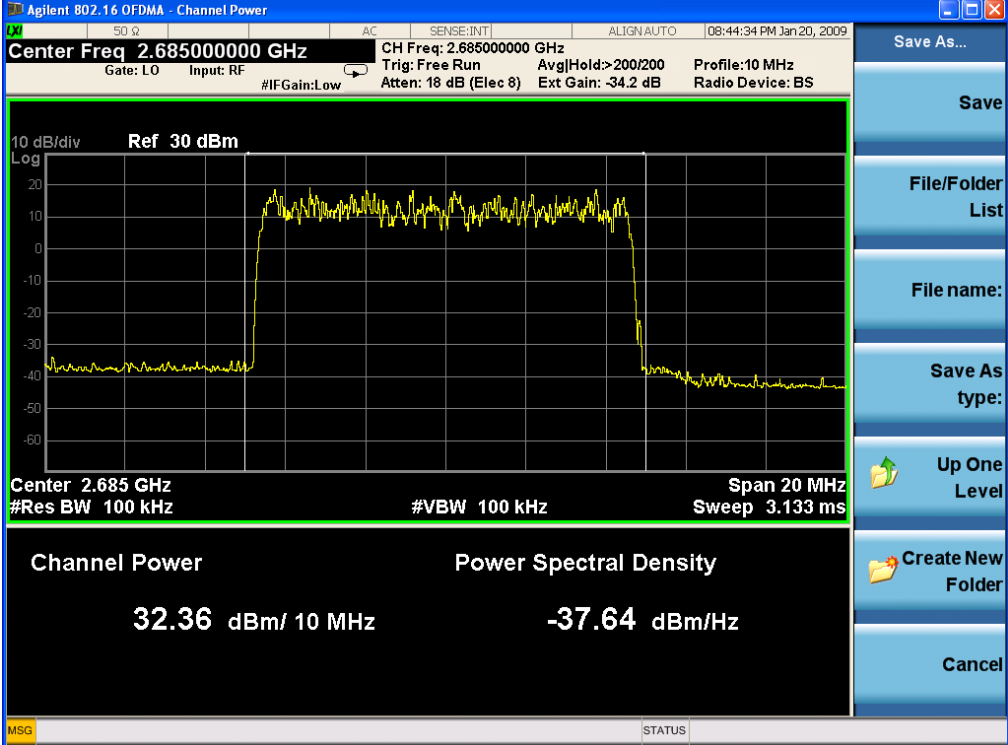
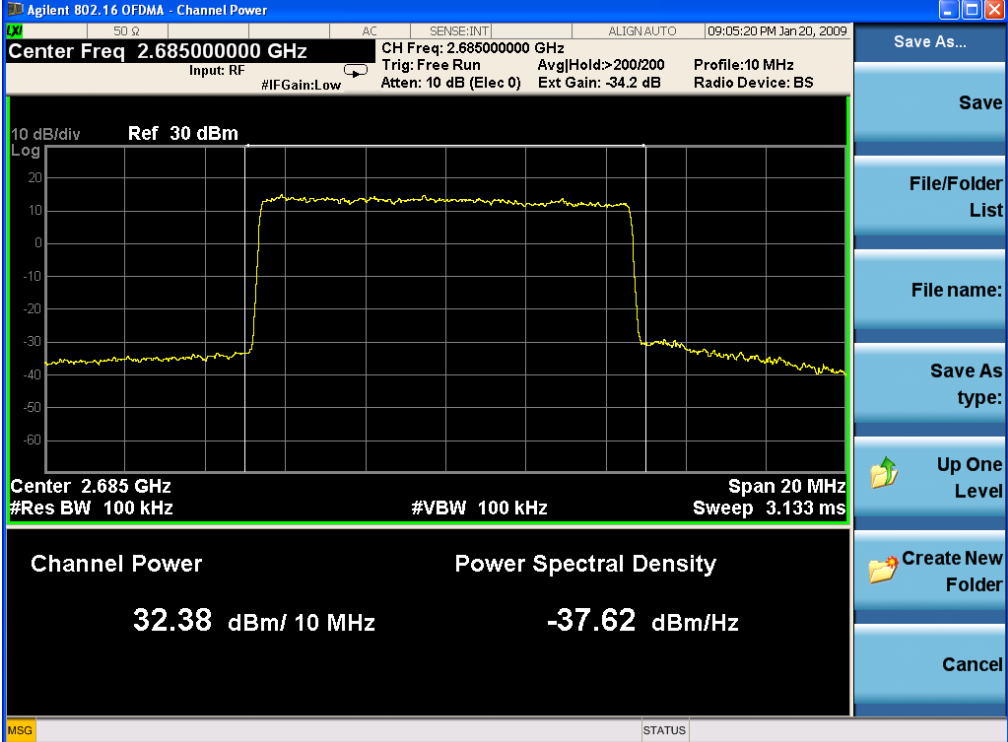
6.2.15 E-G Block [2655MHz – 64QAM]

Down Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Gate: LO Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 33.08 dBm/ 10 MHz -36.92 dBm/Hz
Up Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 33.18 dBm/ 10 MHz -36.82 dBm/Hz

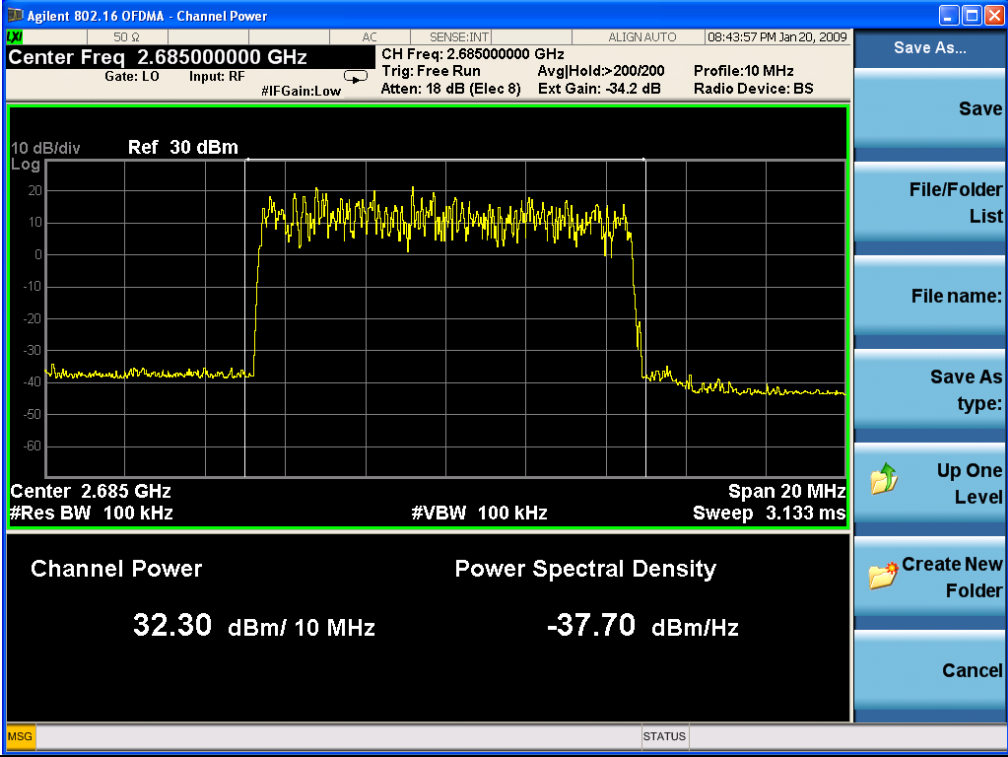
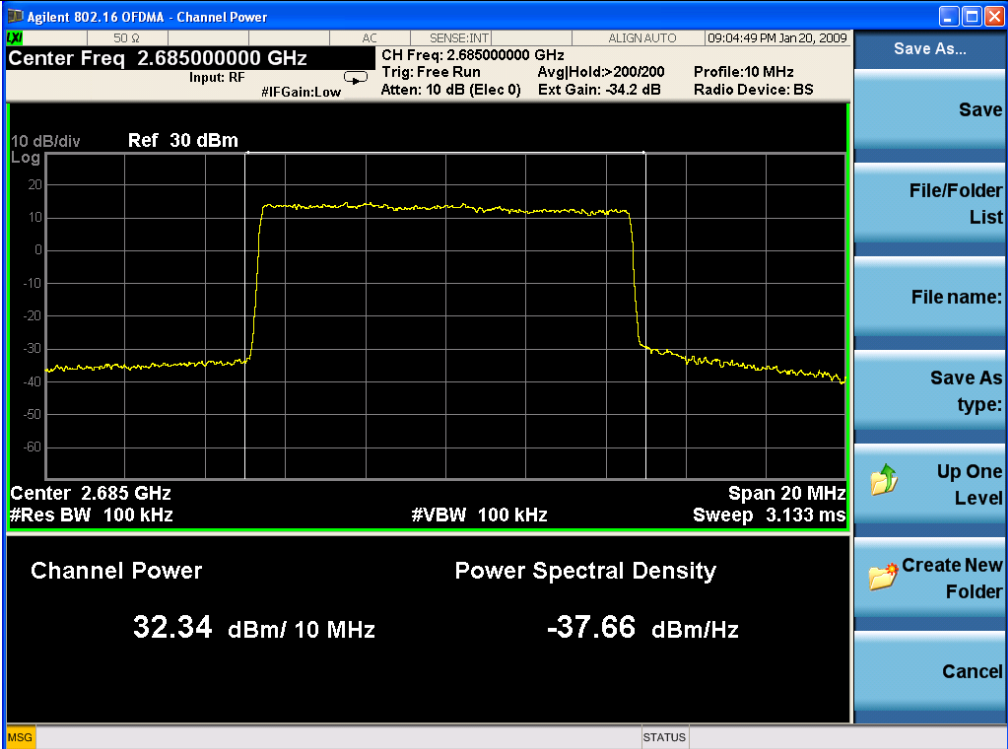
6.2.16 E-G Block [2685MHz – QPSK]

Down Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.685000000 GHz CH Freq: 2.685000000 GHz Gate: LO Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 18 dB (Elec 8) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.685 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 32.43 dBm/ 10 MHz -37.57 dBm/Hz
Up Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.685000000 GHz CH Freq: 2.685000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.685 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 32.27 dBm/ 10 MHz -37.73 dBm/Hz

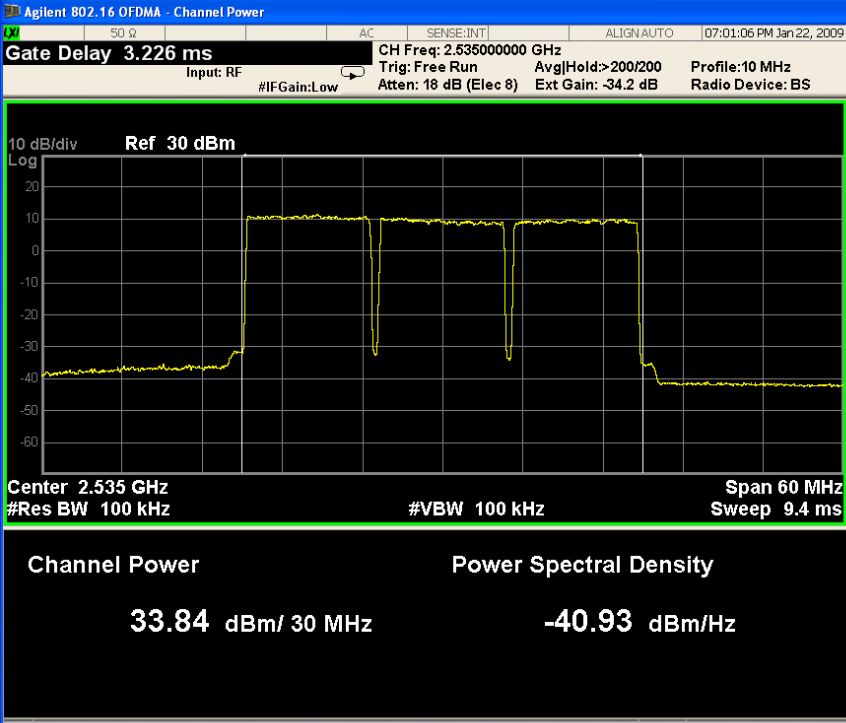
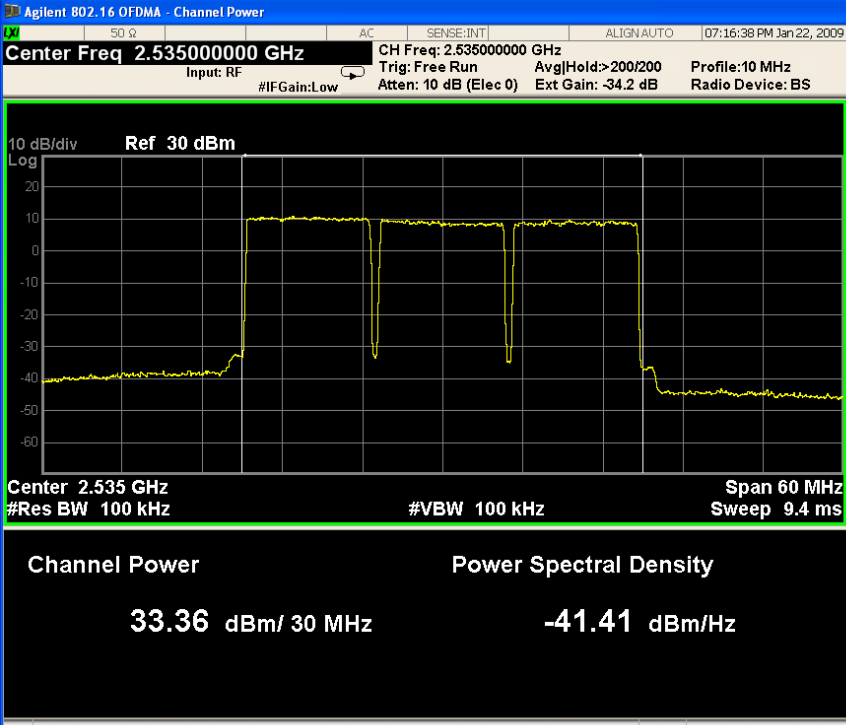
6.2.17 E-G Block [2685MHz – 16QAM]

Down Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.685000000 GHz CH Freq: 2.685000000 GHz Gate: LO Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 18 dB (Elec 8) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.685 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 32.36 dBm/ 10 MHz -37.64 dBm/Hz
Up Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.685000000 GHz CH Freq: 2.685000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.685 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 32.38 dBm/ 10 MHz -37.62 dBm/Hz

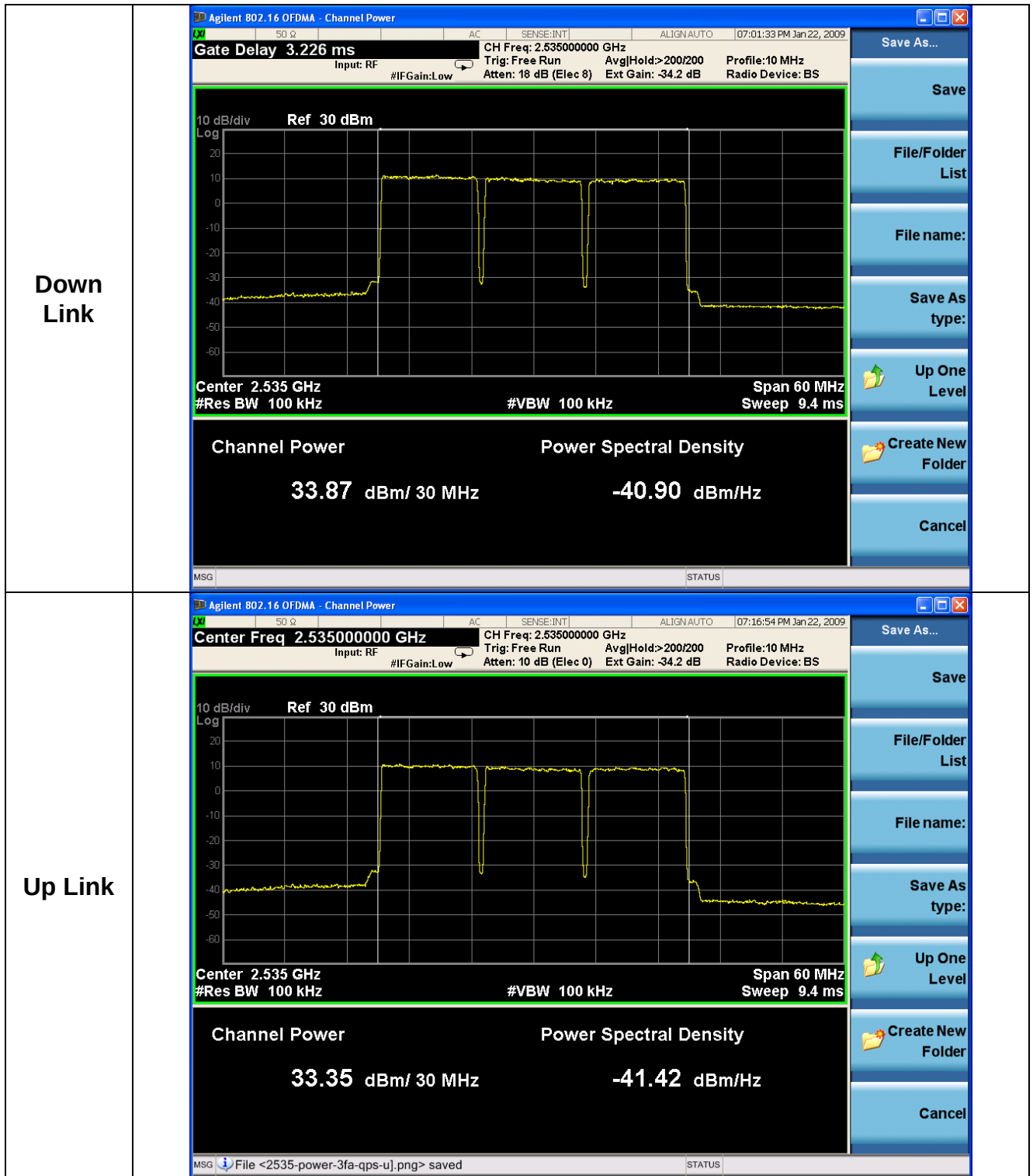
6.2.18 E-G Block [2685MHz – 64QAM]

Down Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.685000000 GHz CH Freq: 2.685000000 GHz Gate: LO Input RF Trig: Free Run Avg Hold:>200/200 Profile: 10 MHz #IFGain:Low Atten: 18 dB (Elec 8) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.685 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 32.30 dBm/ 10 MHz -37.70 dBm/Hz MSG STATUS
Up Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.685000000 GHz CH Freq: 2.685000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile: 10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.685 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Channel Power Power Spectral Density 32.34 dBm/ 10 MHz -37.66 dBm/Hz MSG STATUS

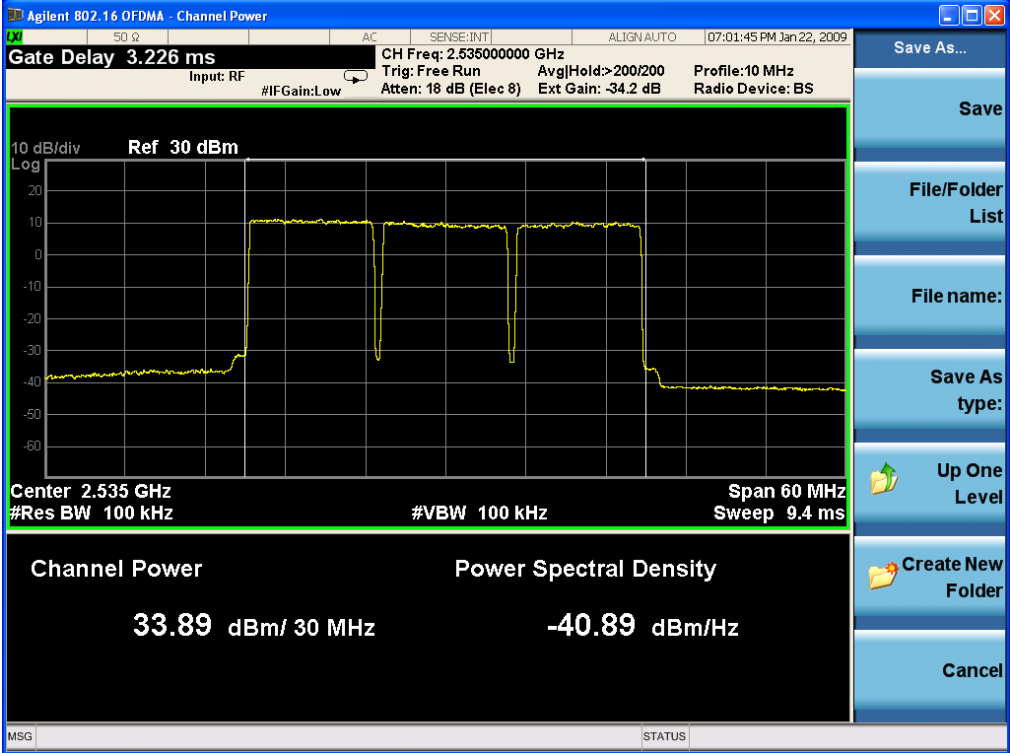
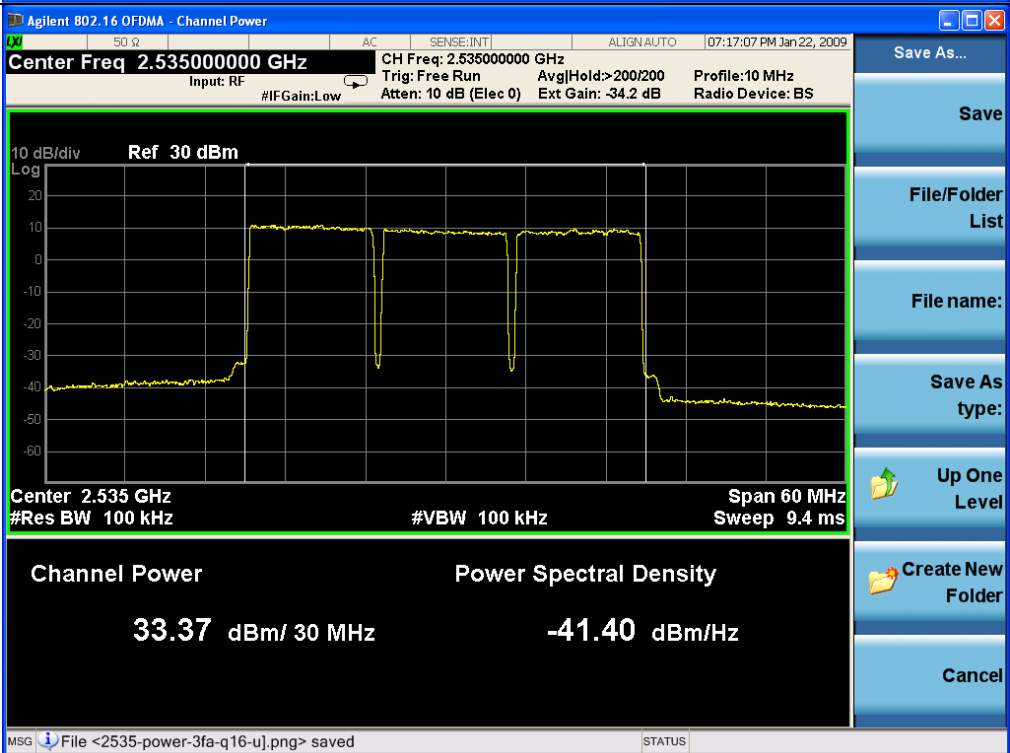
6.2.19 3FA [2535MHz – QPSK]

Down Link	 Agilent 802.16 OFDMA - Channel Power Gate Delay 3.226 ms CH Freq: 2.535000000 GHz Trig: Free Run Atten: 18 dB (Elec 8) Avg/Hold: >200/200 Ext Gain: -34.2 dB Profile: 10 MHz Radio Device: BS Center 2.535 GHz #Res BW 100 kHz #VBW 100 kHz Span 60 MHz Sweep 9.4 ms Channel Power Power Spectral Density 33.84 dBm/ 30 MHz -40.93 dBm/Hz
Up Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.535000000 GHz CH Freq: 2.535000000 GHz Trig: Free Run Atten: 10 dB (Elec 0) Avg/Hold: >200/200 Ext Gain: -34.2 dB Profile: 10 MHz Radio Device: BS Center 2.535 GHz #Res BW 100 kHz #VBW 100 kHz Span 60 MHz Sweep 9.4 ms Channel Power Power Spectral Density 33.36 dBm/ 30 MHz -41.41 dBm/Hz

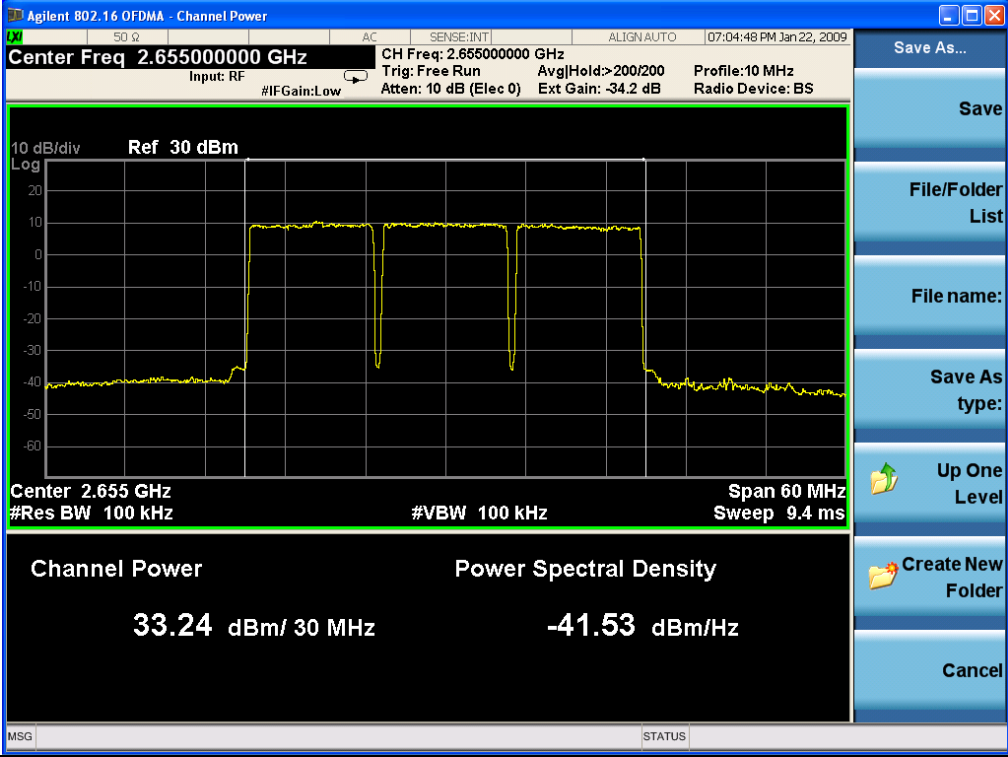
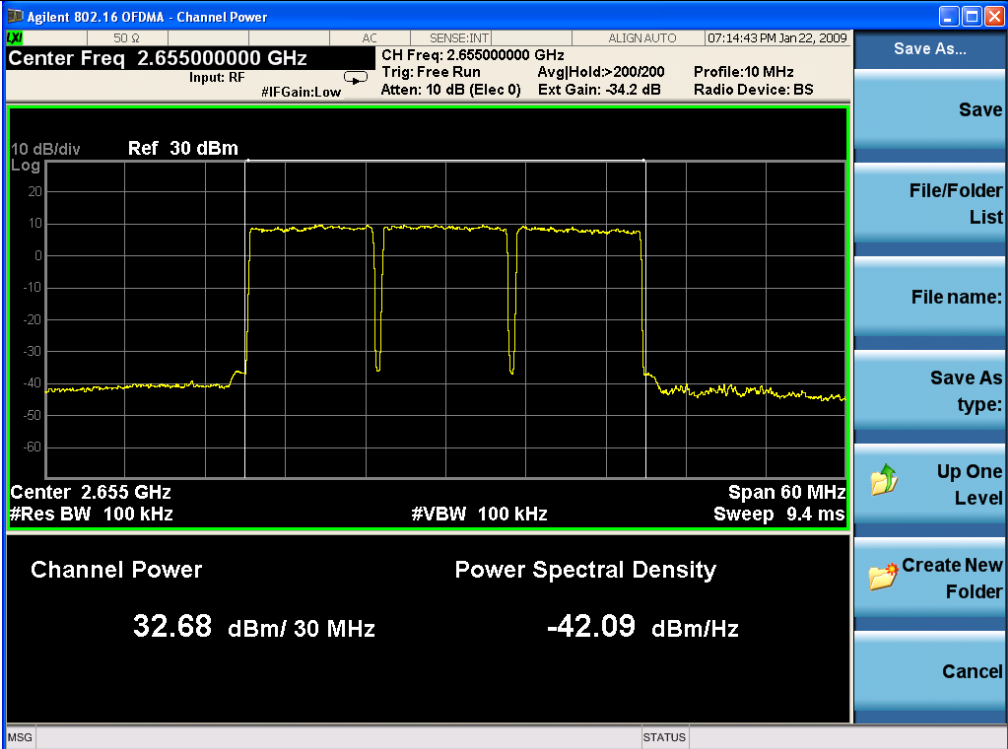
6.2.20 3FA [2535MHz – 16QAM]



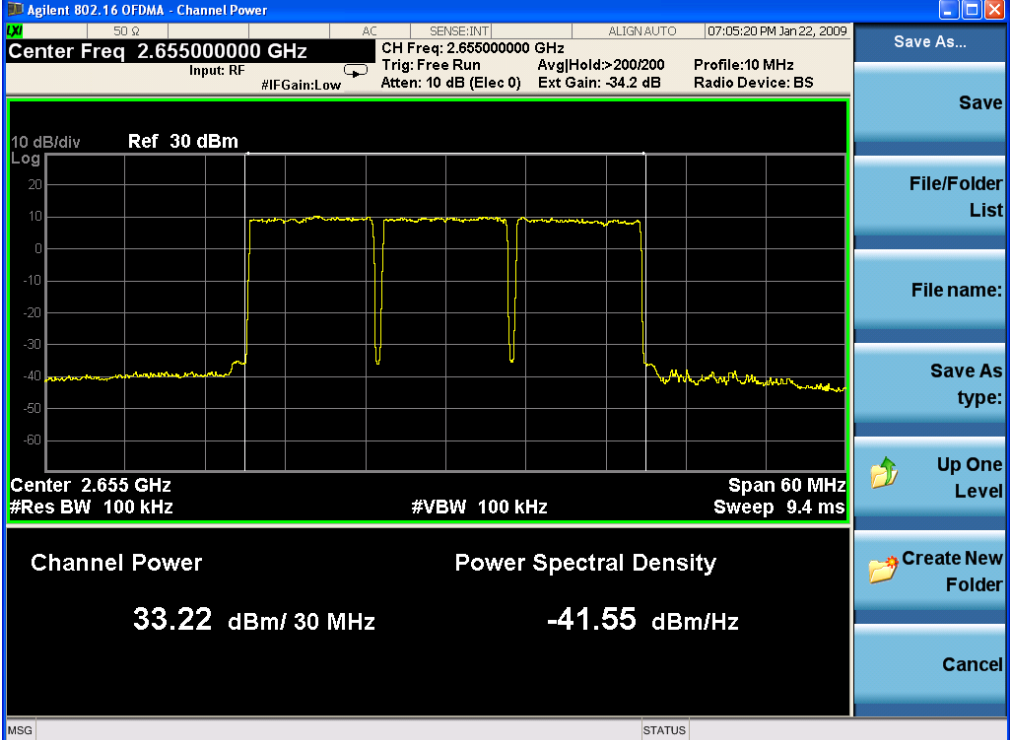
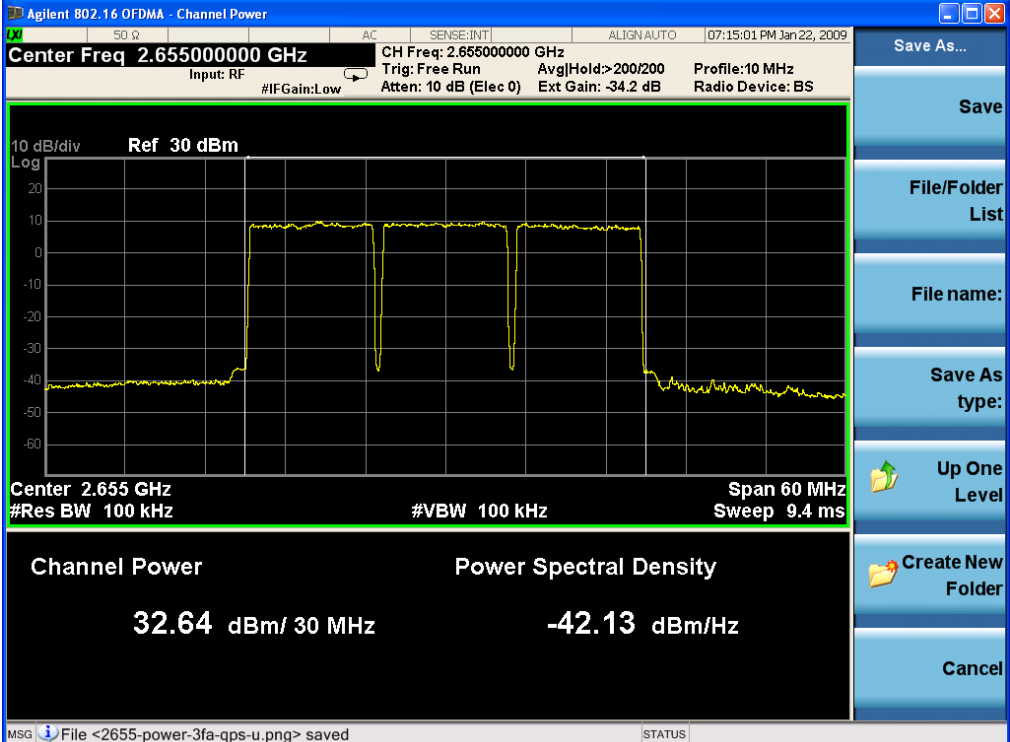
6.2.21 3FA [2535MHz – 64QAM]

Down Link	 Agilent 802.16 OFDMA - Channel Power Gate Delay 3.226 ms CH Freq: 2.535000000 GHz Trig: Free Run Atten: 18 dB (Elec 8) Avg/Hold: >200/200 Ext Gain: -34.2 dB Profile: 10 MHz Radio Device: BS Center 2.535 GHz #Res BW 100 kHz #VBW 100 kHz Span 60 MHz Sweep 9.4 ms Channel Power Power Spectral Density 33.89 dBm/30 MHz -40.89 dBm/Hz MSG STATUS
Up Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.535000000 GHz CH Freq: 2.535000000 GHz Trig: Free Run Atten: 10 dB (Elec 0) Avg/Hold: >200/200 Ext Gain: -34.2 dB Profile: 10 MHz Radio Device: BS Center 2.535 GHz #Res BW 100 kHz #VBW 100 kHz Span 60 MHz Sweep 9.4 ms Channel Power Power Spectral Density 33.37 dBm/30 MHz -41.40 dBm/Hz MSG STATUS File <2535-power-3fa-q16-u.png> saved

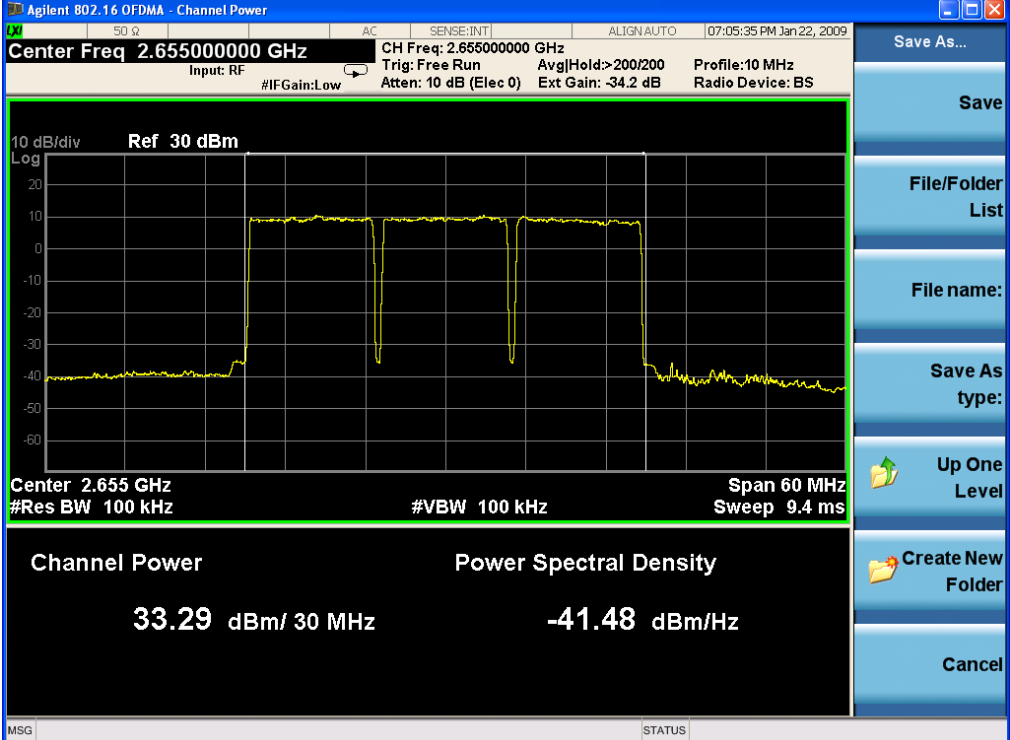
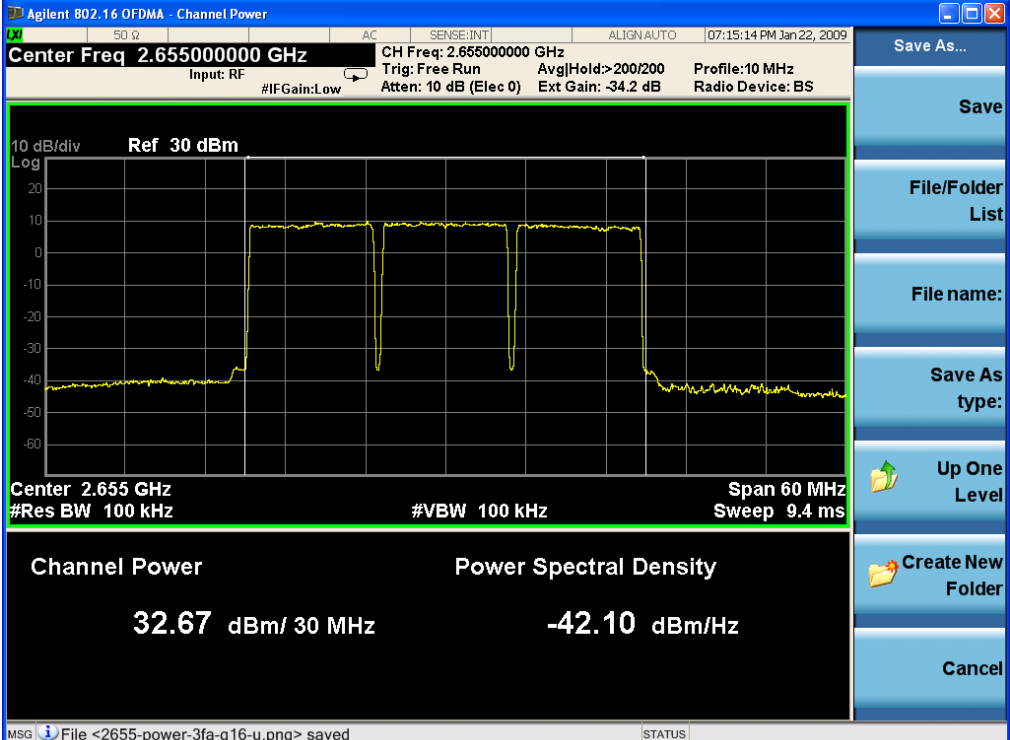
6.2.22 3FA [2655MHz – QPSK]

Down Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 60 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 9.4 ms Channel Power Power Spectral Density 33.24 dBm/ 30 MHz -41.53 dBm/Hz MSG STATUS
Up Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 60 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 9.4 ms Channel Power Power Spectral Density 32.68 dBm/ 30 MHz -42.09 dBm/Hz MSG STATUS

6.2.22 3FA [2655MHz – 16QAM]

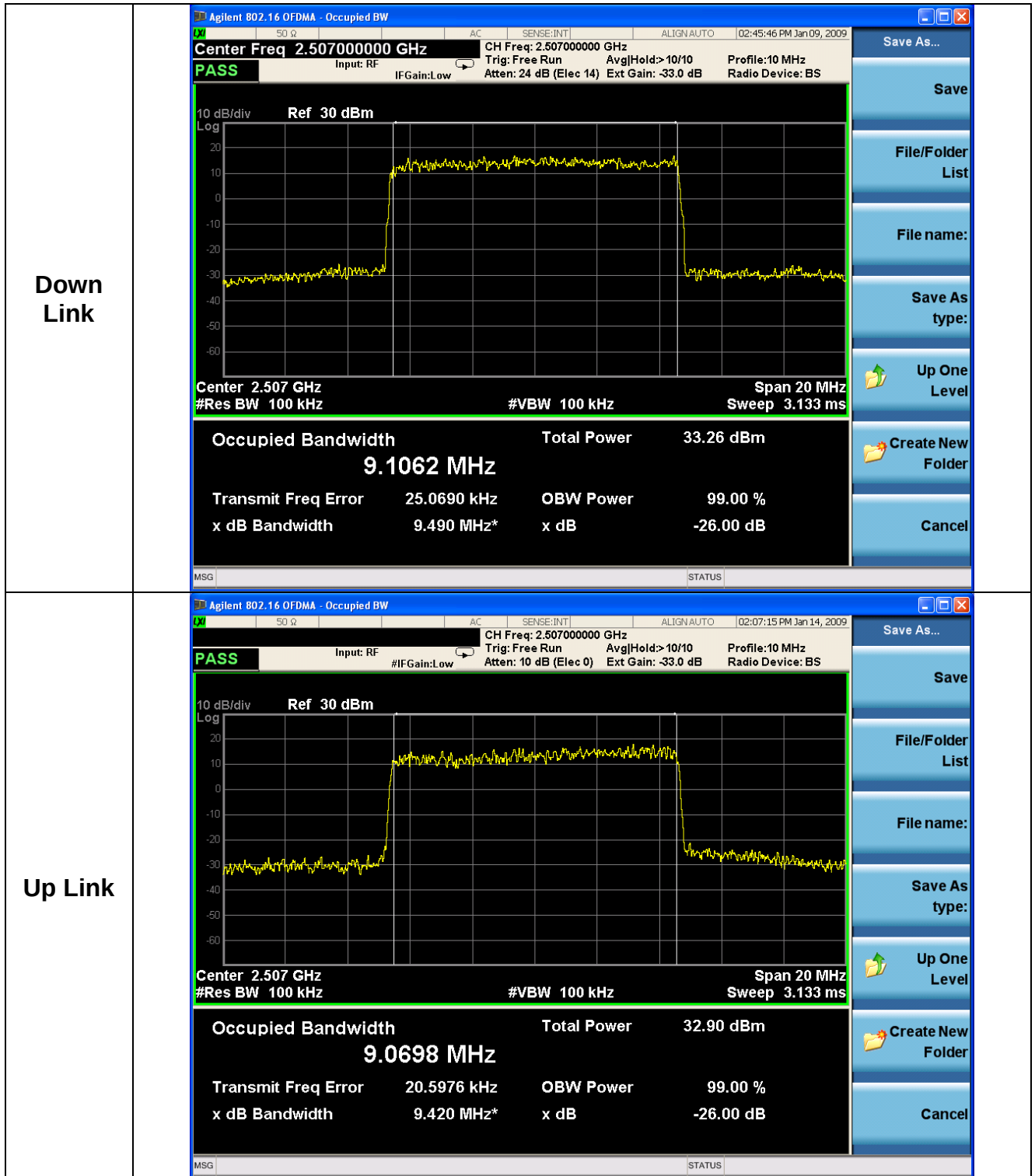
Down Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz #Res BW 100 kHz #VBW 100 kHz Span 60 MHz Sweep 9.4 ms Channel Power Power Spectral Density 33.22 dBm/ 30 MHz -41.55 dBm/Hz MSG STATUS
Up Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz #Res BW 100 kHz #VBW 100 kHz Span 60 MHz Sweep 9.4 ms Channel Power Power Spectral Density 32.64 dBm/ 30 MHz -42.13 dBm/Hz MSG File <2655-power-3fa-qps-u.png> saved STATUS

6.2.23 3FA [2655MHz – 64QAM]

Down Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 60 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 9.4 ms Channel Power Power Spectral Density 33.29 dBm/ 30 MHz -41.48 dBm/Hz MSG STATUS
Up Link	 Agilent 802.16 OFDMA - Channel Power Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF Trig: Free Run Avg Hold:>200/200 Profile:10 MHz #IFGain:Low Atten: 10 dB (Elec 0) Ext Gain: -34.2 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 60 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 9.4 ms Channel Power Power Spectral Density 32.67 dBm/ 30 MHz -42.10 dBm/Hz MSG File <2655-power-3fa-q16-u.png> saved STATUS

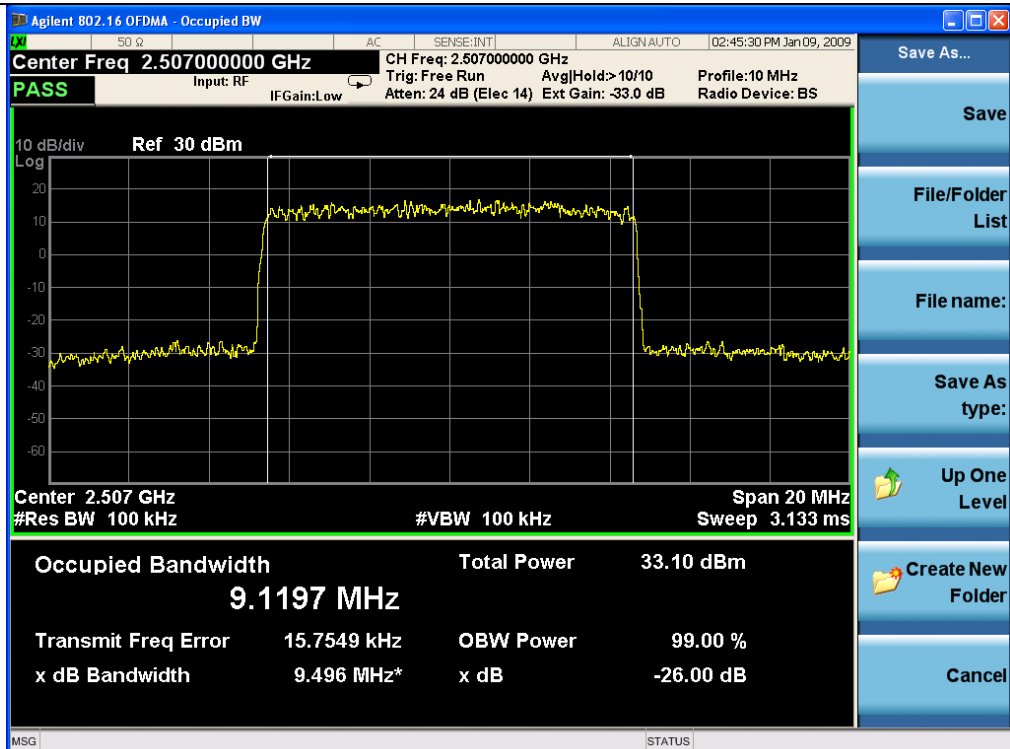
6.3 Occupied Bandwidth

6.3.1 A-D Block [2507MHz - QPSK]

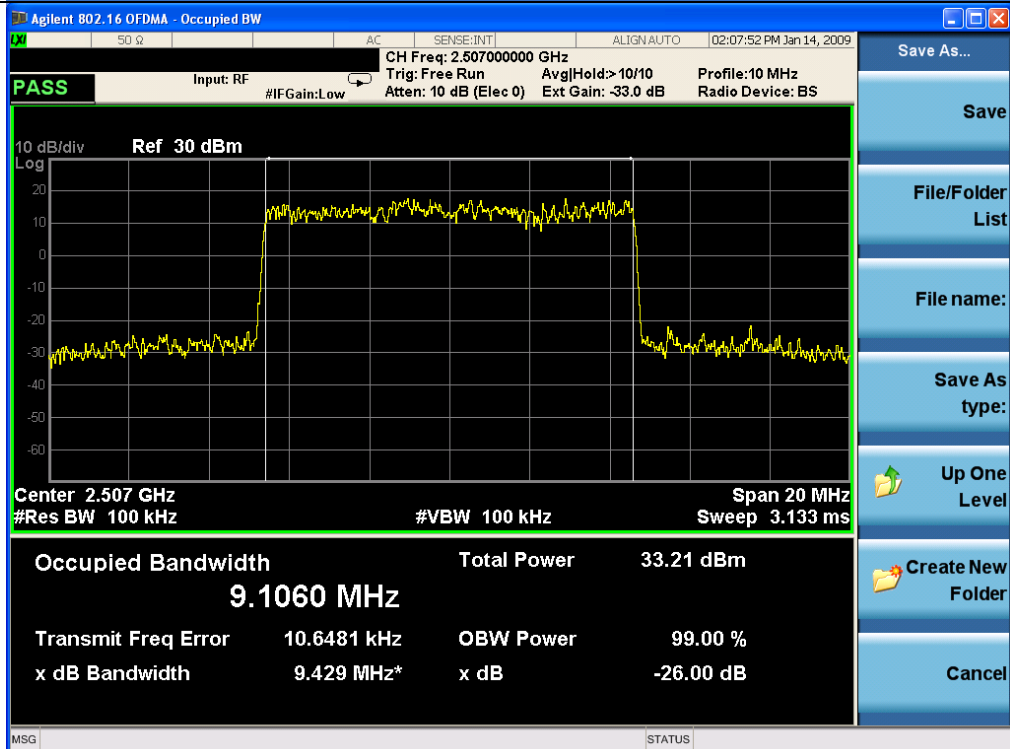


6.3.2 A-D Block [2507MHz – 16QAM]

Down Link

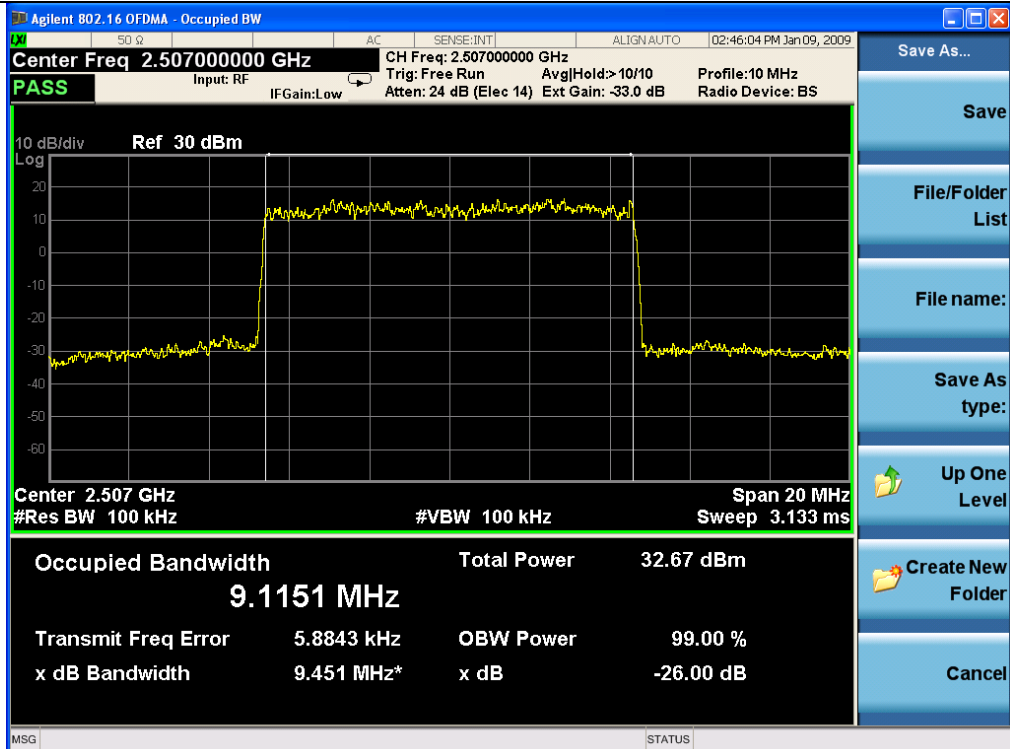


Up Link

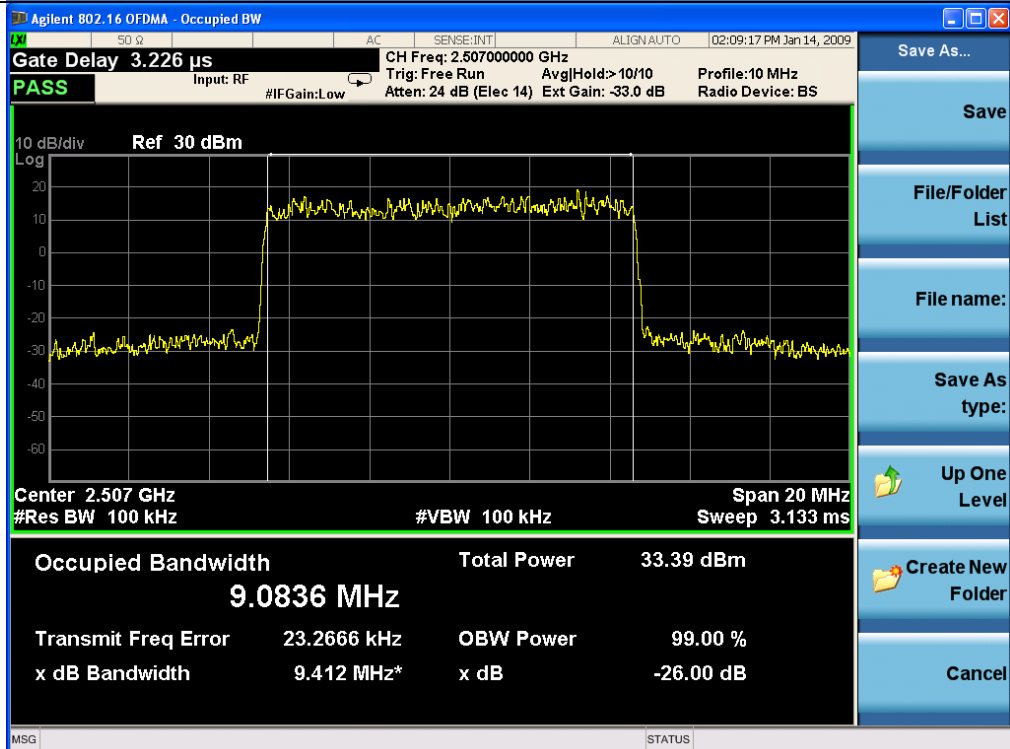


6.3.3 A-D Block [2507MHz – 64QAM]

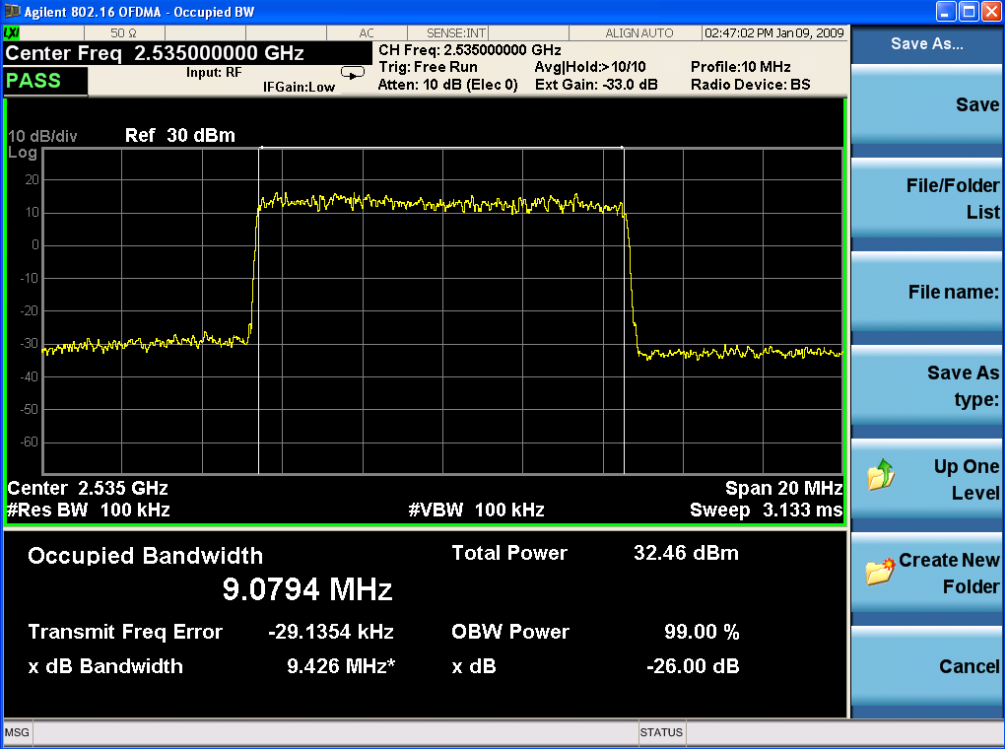
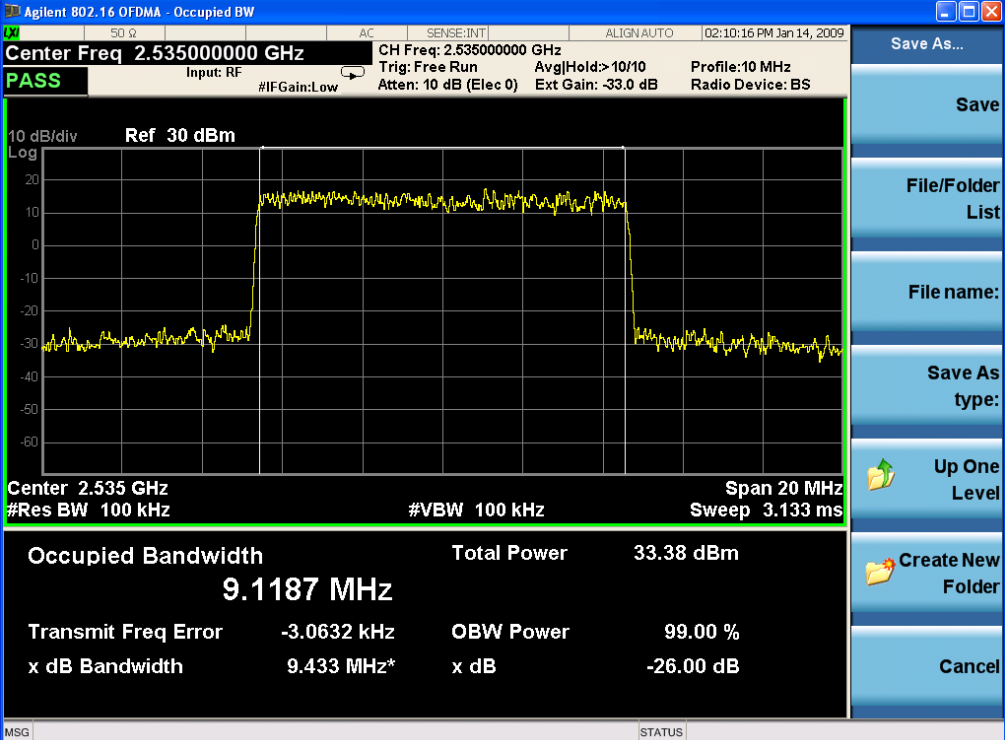
Down Link



Up Link



6.3.4 A-D Block [2535MHz – QPSK]

Down Link	 Agilent 802.16 OFDMA - Occupied BW Center Freq 2.535000000 GHz CH Freq: 2.535000000 GHz Input RF IF Gain: Low Trig: Free Run Avg/Hold: >10/10 Profile: 10 MHz Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.535 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Occupied Bandwidth 9.0794 MHz Total Power 32.46 dBm Transmit Freq Error -29.1354 kHz OBW Power 99.00 % x dB Bandwidth 9.426 MHz* x dB -26.00 dB
Up Link	 Agilent 802.16 OFDMA - Occupied BW Center Freq 2.535000000 GHz CH Freq: 2.535000000 GHz Input RF IF Gain: Low Trig: Free Run Avg/Hold: >10/10 Profile: 10 MHz Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.535 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Occupied Bandwidth 9.1187 MHz Total Power 33.38 dBm Transmit Freq Error -3.0632 kHz OBW Power 99.00 % x dB Bandwidth 9.433 MHz* x dB -26.00 dB

6.3.5 A-D Block [2535MHz – 16QAM]

Down Link

Agilent 802.16 OFDMA - Occupied BW

Center Freq 2.535000000 GHz CH Freq: 2.535000000 GHz

Input RF Trig: Free Run AvgHld: >10/10 Profile: 10 MHz

IFGain: Low Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS

10 dB/div Ref 30 dBm

Center 2.535 GHz Span 20 MHz

#Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms

Occupied Bandwidth	Total Power	32.60 dBm
9.1291 MHz		
Transmit Freq Error	OBW Power	99.00 %
-2.9437 kHz		
x dB Bandwidth	x dB	-26.00 dB
9.443 MHz*		

MSG STATUS

Up Link

Agilent 802.16 OFDMA - Occupied BW

Center Freq 2.535000000 GHz CH Freq: 2.535000000 GHz

Input RF Trig: Free Run AvgHld: >10/10 Profile: 10 MHz

IFGain: Low Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS

10 dB/div Ref 30 dBm

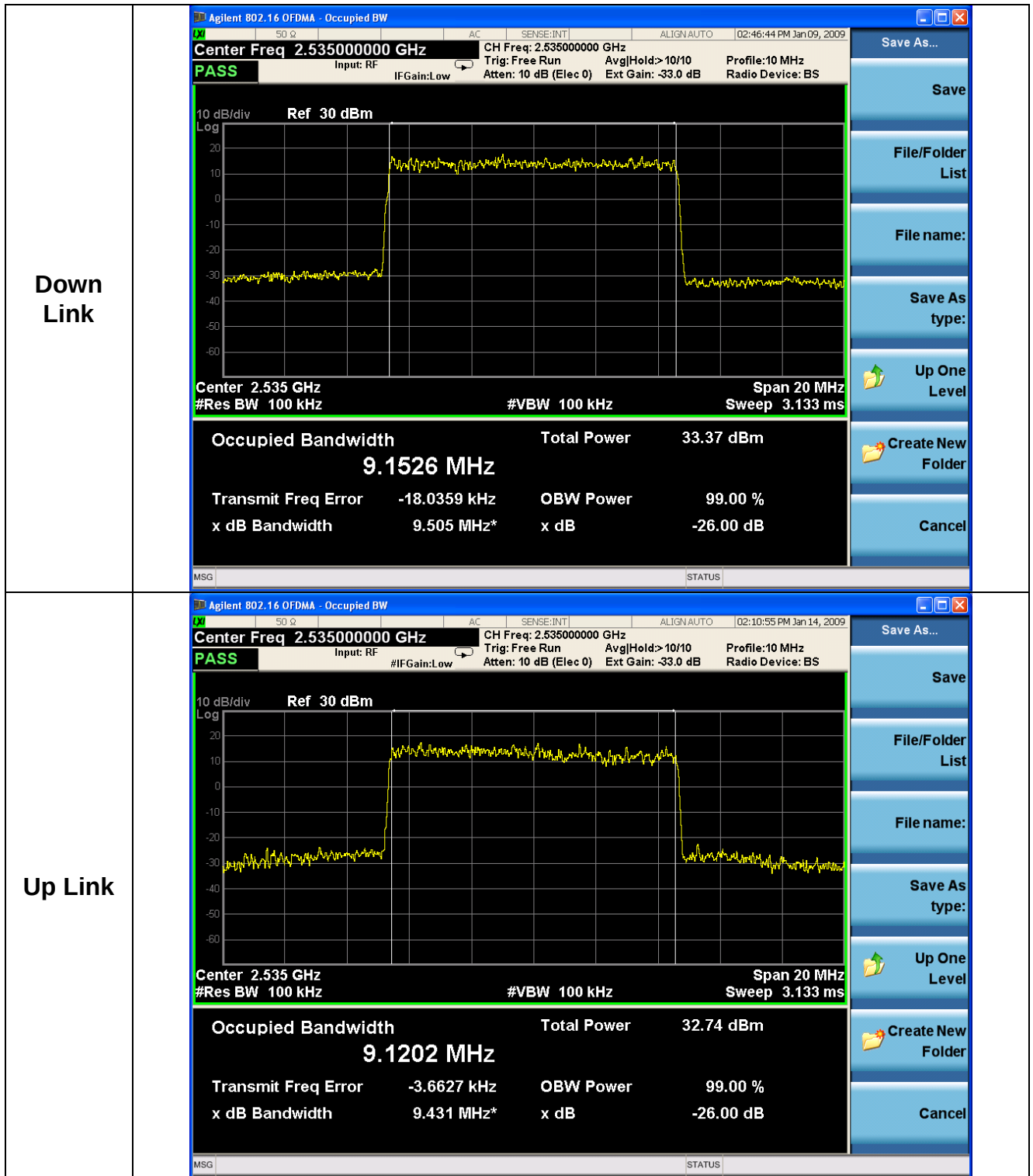
Center 2.535 GHz Span 20 MHz

#Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms

Occupied Bandwidth	Total Power	33.49 dBm
9.1117 MHz		
Transmit Freq Error	OBW Power	99.00 %
-7.6843 kHz		
x dB Bandwidth	x dB	-26.00 dB
9.417 MHz*		

MSG STATUS

6.3.6 A-D Block [2535MHz – 64QAM]



6.3.7 A-D Block [2563MHz – QPSK]

Down Link

Agilent 802.16 OFDMA - Occupied BW

Center Freq 2.563000000 GHz CH Freq: 2.563000000 GHz

Input RF IFGain:Low Trig: Free Run AvgHld:>10/10 Profile:10 MHz

Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS

10 dB/div Ref 30 dBm

Center 2.563 GHz Span 20 MHz

#Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms

Occupied Bandwidth	Total Power	32.87 dBm
9.1128 MHz		
Transmit Freq Error	OBW Power	99.00 %
-13.6504 kHz		
x dB Bandwidth	x dB	-26.00 dB
9.496 MHz*		

MSG STATUS

Up Link

Agilent 802.16 OFDMA - Occupied BW

Center Freq 2.563000000 GHz CH Freq: 2.563000000 GHz

Input RF IFGain:Low Trig: Free Run AvgHld:>10/10 Profile:10 MHz

Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS

10 dB/div Ref 30 dBm

Center 2.563 GHz Span 20 MHz

#Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms

Occupied Bandwidth	Total Power	34.00 dBm
9.0906 MHz		
Transmit Freq Error	OBW Power	99.00 %
4.8097 kHz		
x dB Bandwidth	x dB	-26.00 dB
9.414 MHz*		

MSG STATUS

6.3.8 A-D Block [2563MHz – 16QAM]

Down Link

Agilent 802.16 OFDMA - Occupied BW

Center Freq 2.563000000 GHz CH Freq: 2.563000000 GHz

Input RF Trig: Free Run AvgHld: >10/10 Profile: 10 MHz

IFGain: Low Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS

10 dB/div Ref 30 dBm

Center 2.563 GHz Span 20 MHz

#Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms

Occupied Bandwidth	Total Power	32.95 dBm
9.1621 MHz		
Transmit Freq Error	OBW Power	99.00 %
9.3190 kHz		
x dB Bandwidth	x dB	-26.00 dB
9.486 MHz*		

MSG STATUS

Up Link

Agilent 802.16 OFDMA - Occupied BW

Center Freq 2.563000000 GHz CH Freq: 2.563000000 GHz

Input RF Trig: Free Run AvgHld: >10/10 Profile: 10 MHz

IFGain: Low Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS

10 dB/div Ref 30 dBm

Center 2.563 GHz Span 20 MHz

#Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms

Occupied Bandwidth	Total Power	32.64 dBm
9.0445 MHz		
Transmit Freq Error	OBW Power	99.00 %
-9.6102 kHz		
x dB Bandwidth	x dB	-26.00 dB
9.441 MHz*		

MSG STATUS

6.3.9 A-D Block [2563MHz – 64QAM]

Down Link

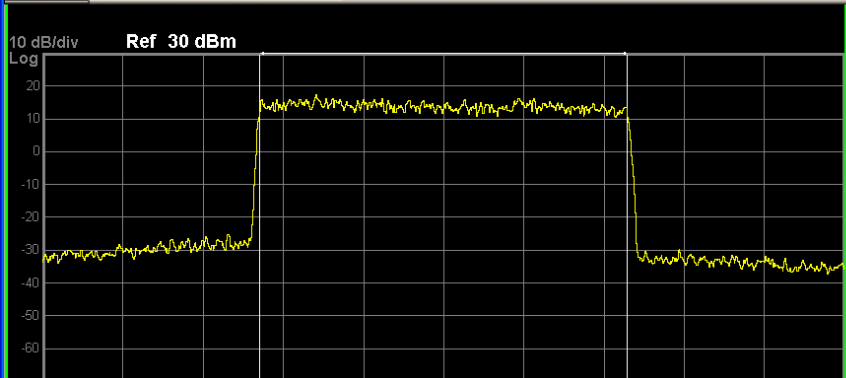
Agilent 802.16 OFDMA - Occupied BW

Center Freq 2.563000000 GHz CH Freq: 2.563000000 GHz

Input RF Trig: Free Run Avg|Hold: >10/10 Profile: 10 MHz

IFGain: Low Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS

10 dB/div Ref 30 dBm



Center 2.563 GHz Span 20 MHz

#Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms

Occupied Bandwidth	Total Power	33.32 dBm
9.1209 MHz		
Transmit Freq Error	OBW Power	99.00 %
-1.3474 kHz		
x dB Bandwidth	x dB	-26.00 dB
9.463 MHz*		

MSG STATUS

Up Link

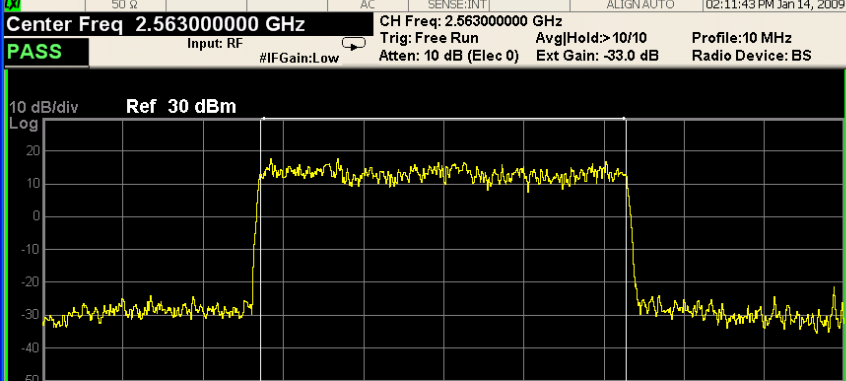
Agilent 802.16 OFDMA - Occupied BW

Center Freq 2.563000000 GHz CH Freq: 2.563000000 GHz

Input RF Trig: Free Run Avg|Hold: >10/10 Profile: 10 MHz

IFGain: Low Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS

10 dB/div Ref 30 dBm



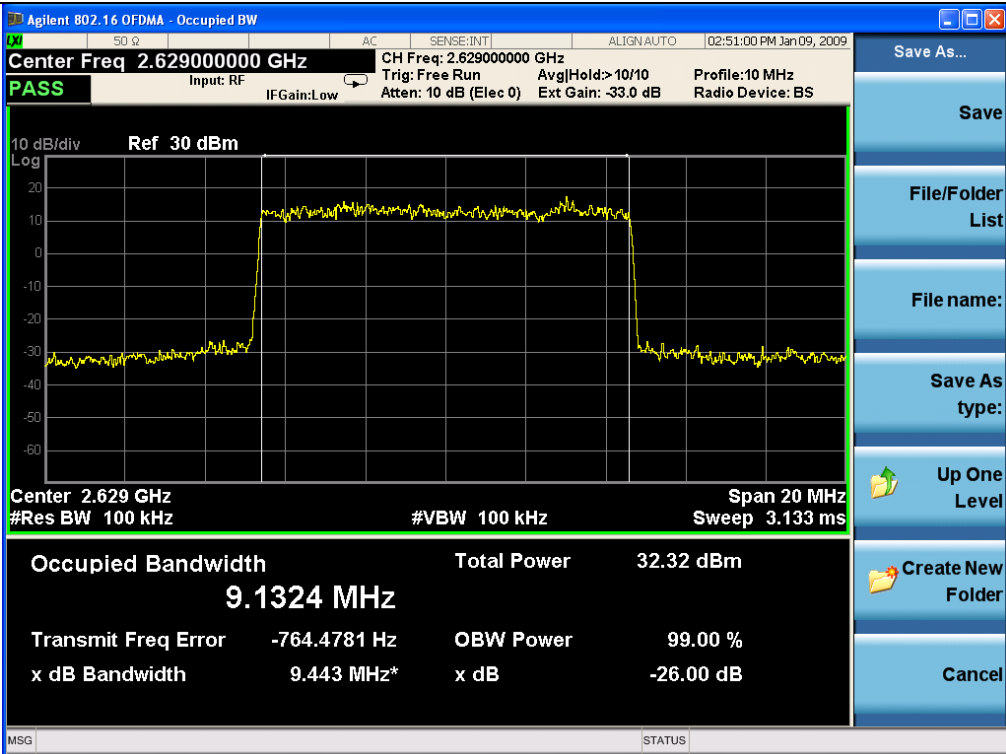
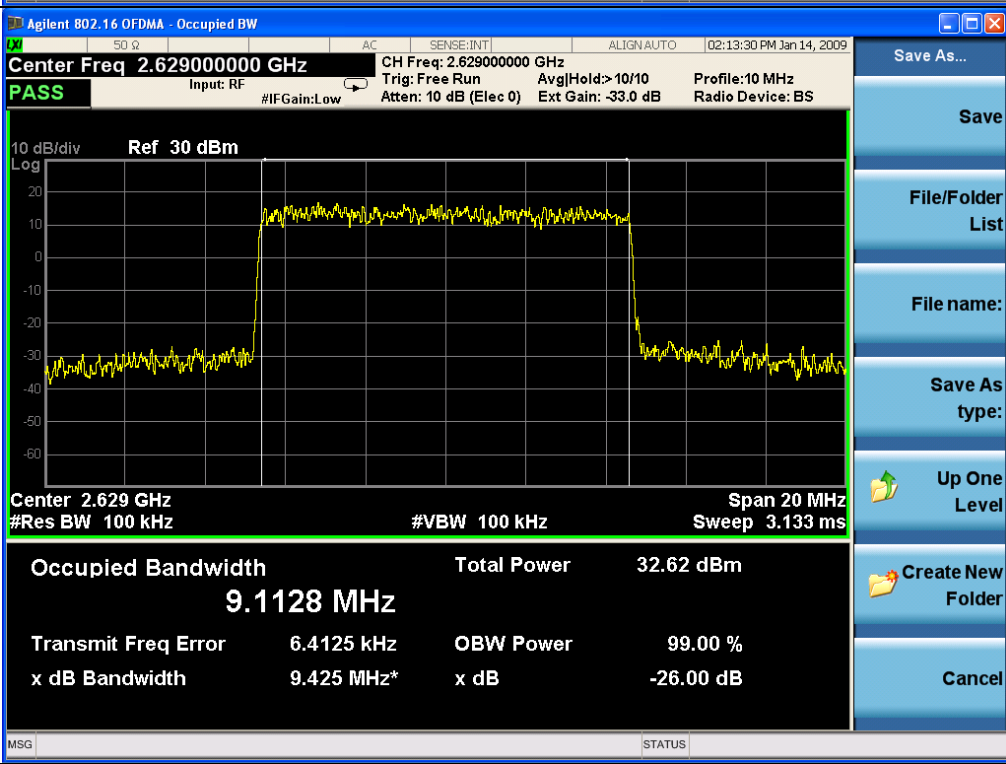
Center 2.563 GHz Span 20 MHz

#Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms

Occupied Bandwidth	Total Power	32.74 dBm
9.1123 MHz		
Transmit Freq Error	OBW Power	99.00 %
-8.7250 kHz		
x dB Bandwidth	x dB	-26.00 dB
9.440 MHz*		

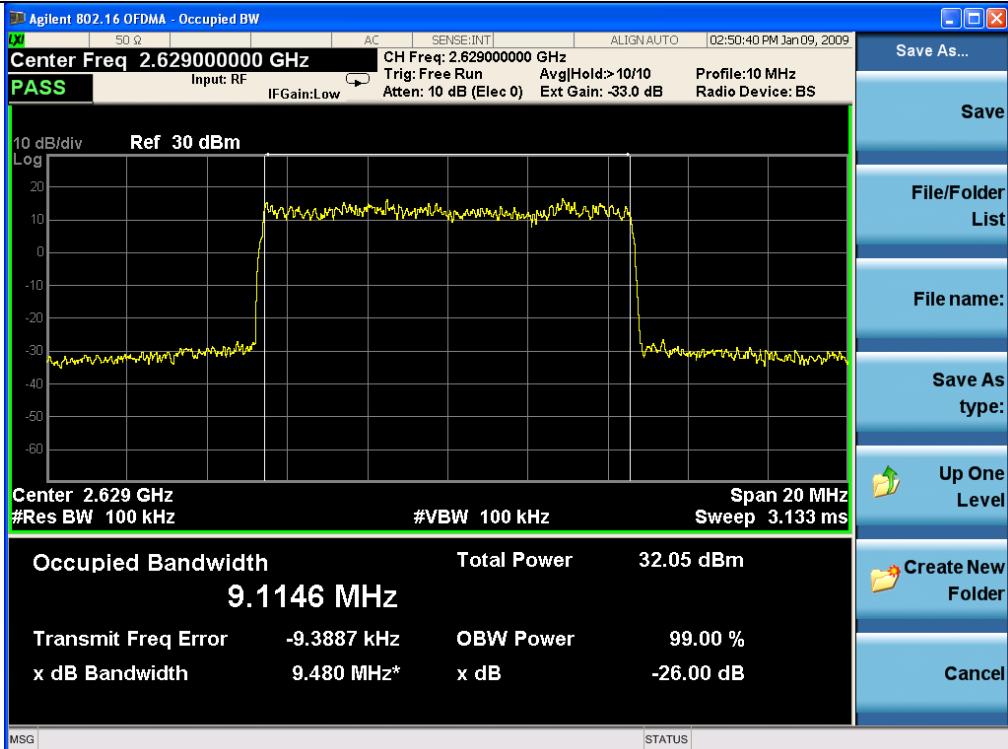
MSG STATUS

6.3.10 E-G Block [2629MHz - QPSK]

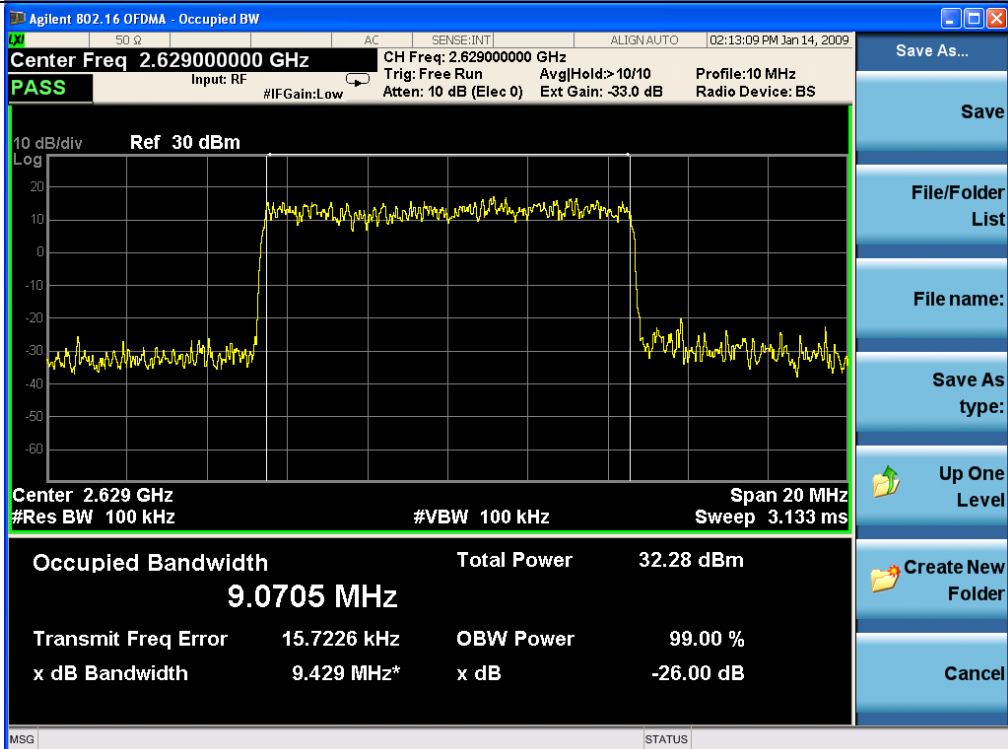
Down Link	 Agilent 802.16 OFDMA - Occupied BW Center Freq 2.629000000 GHz CH Freq: 2.629000000 GHz Input RF IFGain: Low Trig: Free Run Avg/Hold: >10/10 Profile: 10 MHz Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.629 GHz #Res BW 100 kHz #VBW 100 kHz Span 20 MHz Sweep 3.133 ms Occupied Bandwidth 9.1324 MHz Total Power 32.32 dBm Transmit Freq Error -764.4781 Hz OBW Power 99.00 % x dB Bandwidth 9.443 MHz* x dB -26.00 dB
Up Link	 Agilent 802.16 OFDMA - Occupied BW Center Freq 2.629000000 GHz CH Freq: 2.629000000 GHz Input RF #IFGain: Low Trig: Free Run Avg/Hold: >10/10 Profile: 10 MHz Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.629 GHz #Res BW 100 kHz #VBW 100 kHz Span 20 MHz Sweep 3.133 ms Occupied Bandwidth 9.1128 MHz Total Power 32.62 dBm Transmit Freq Error 6.4125 kHz OBW Power 99.00 % x dB Bandwidth 9.425 MHz* x dB -26.00 dB

6.3.11 E-G Block [2629MHz – 16QAM]

Down Link

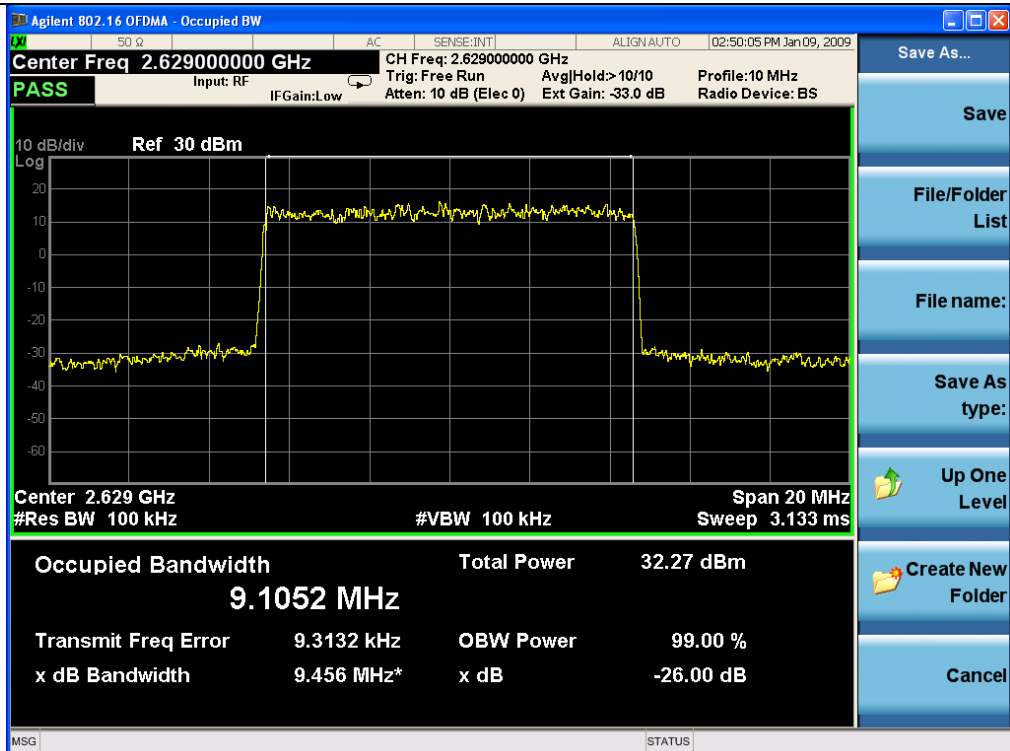


Up Link

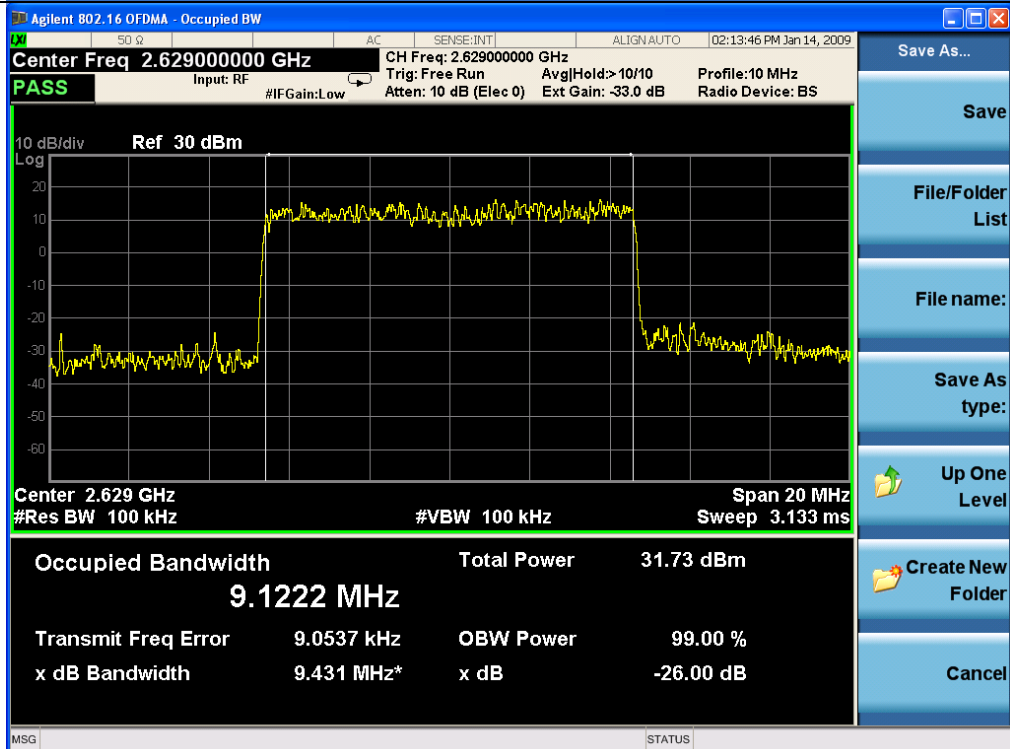


6.3.12 E-G Block [2629MHz – 64QAM]

Down Link

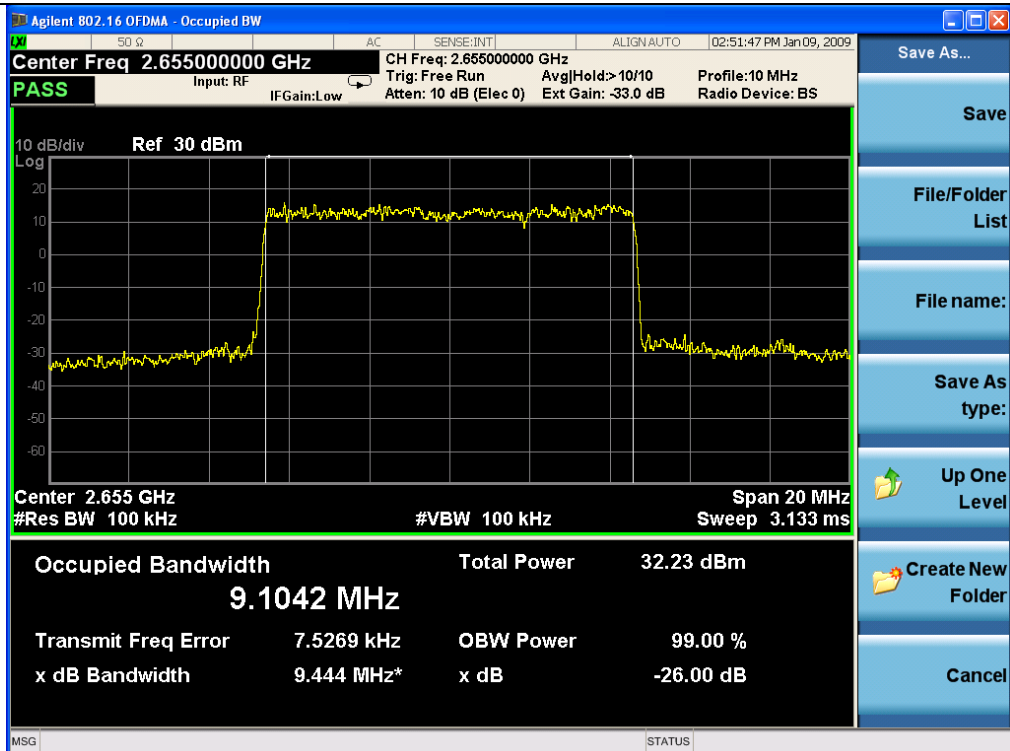


Up Link

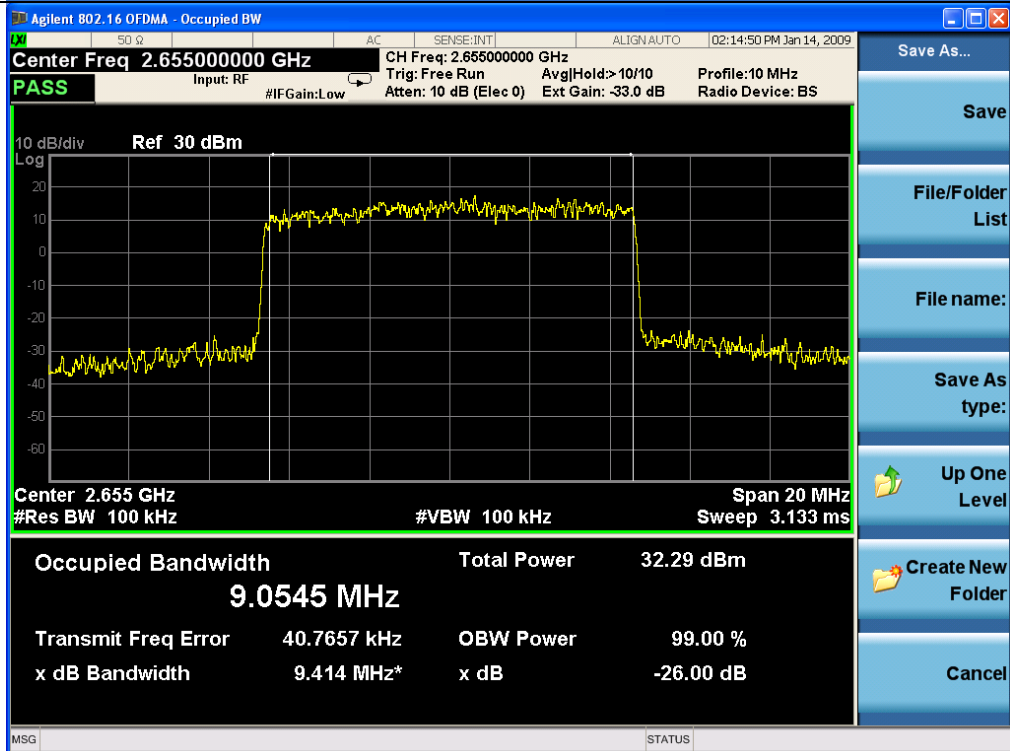


6.3.13 E-G Block [2655MHz – QPSK]

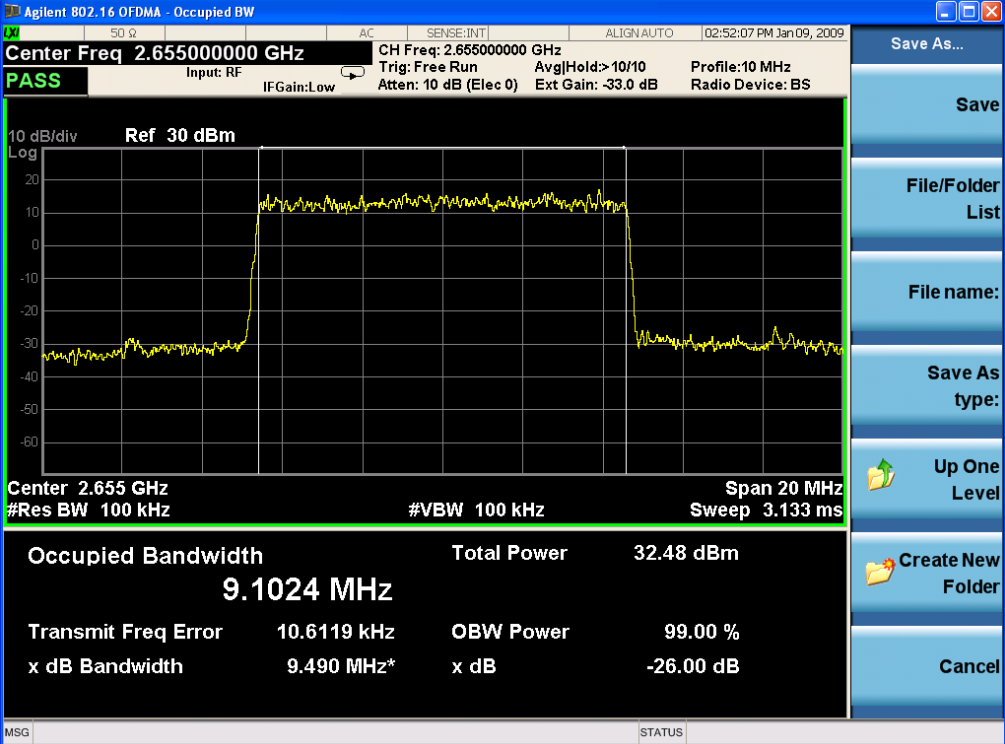
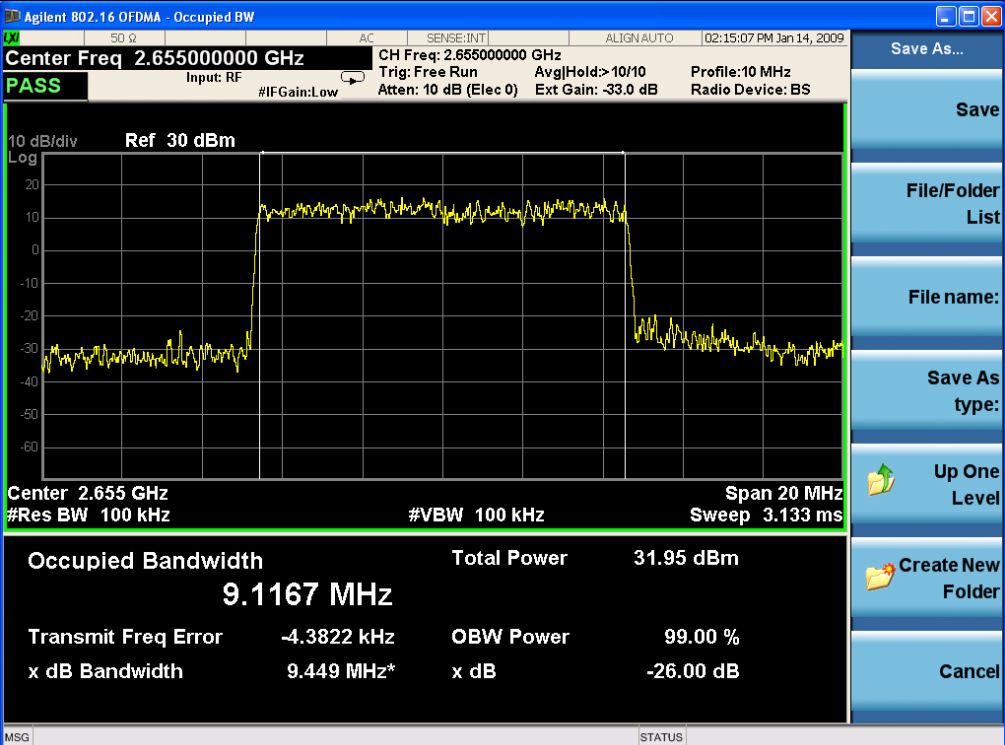
Down Link



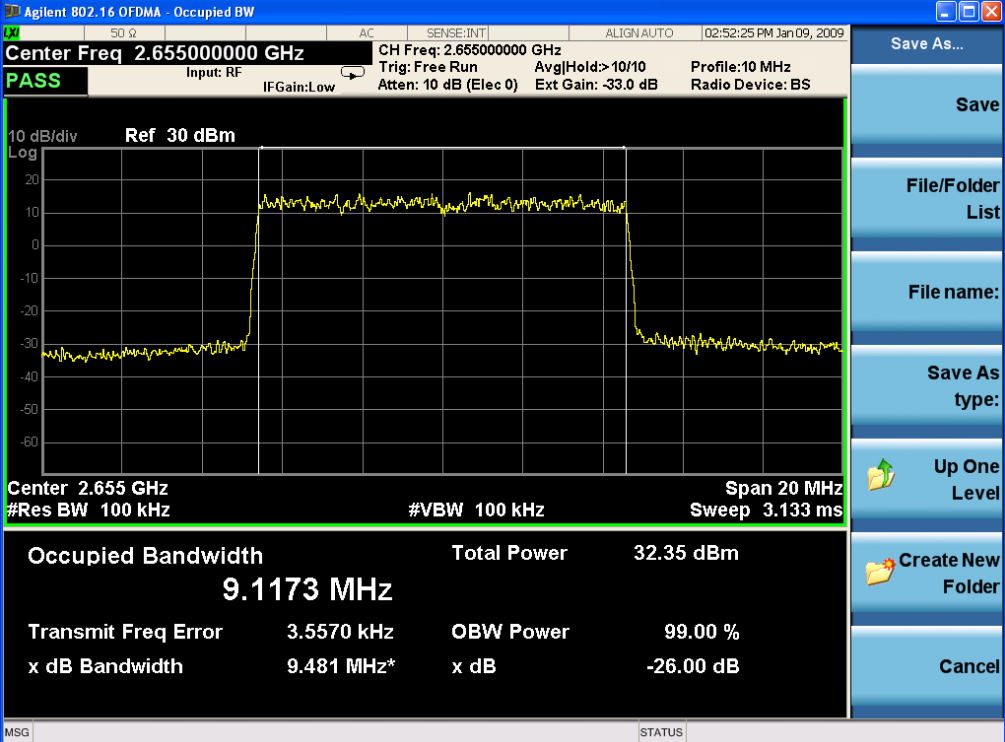
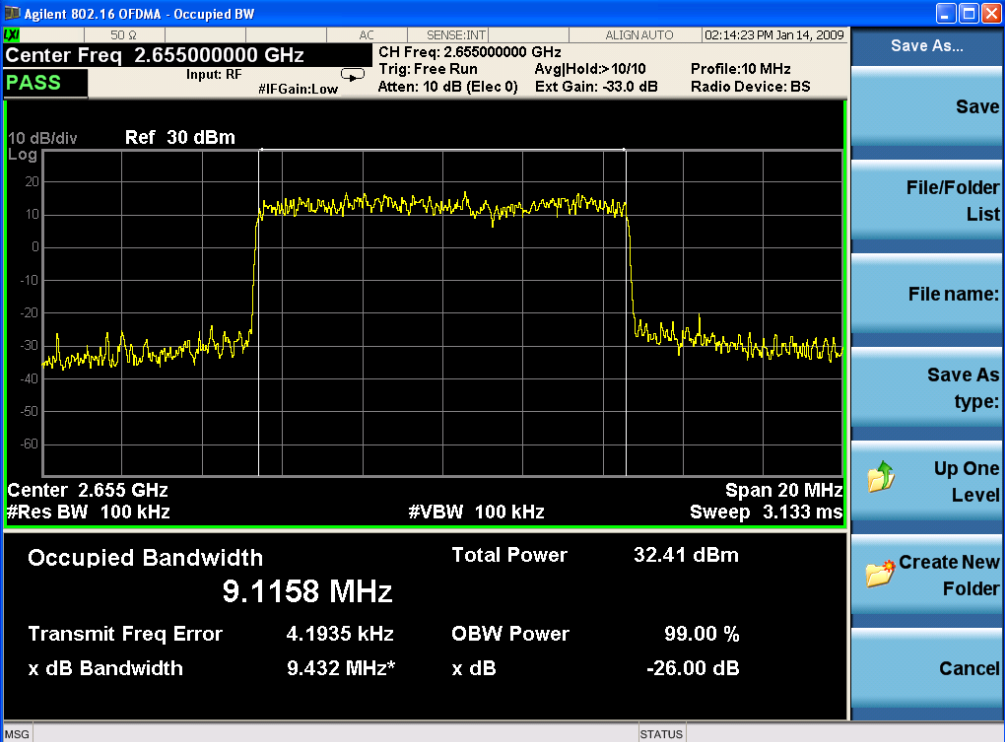
Up Link



6.3.14 E-G Block [2655MHz – 16QAM]

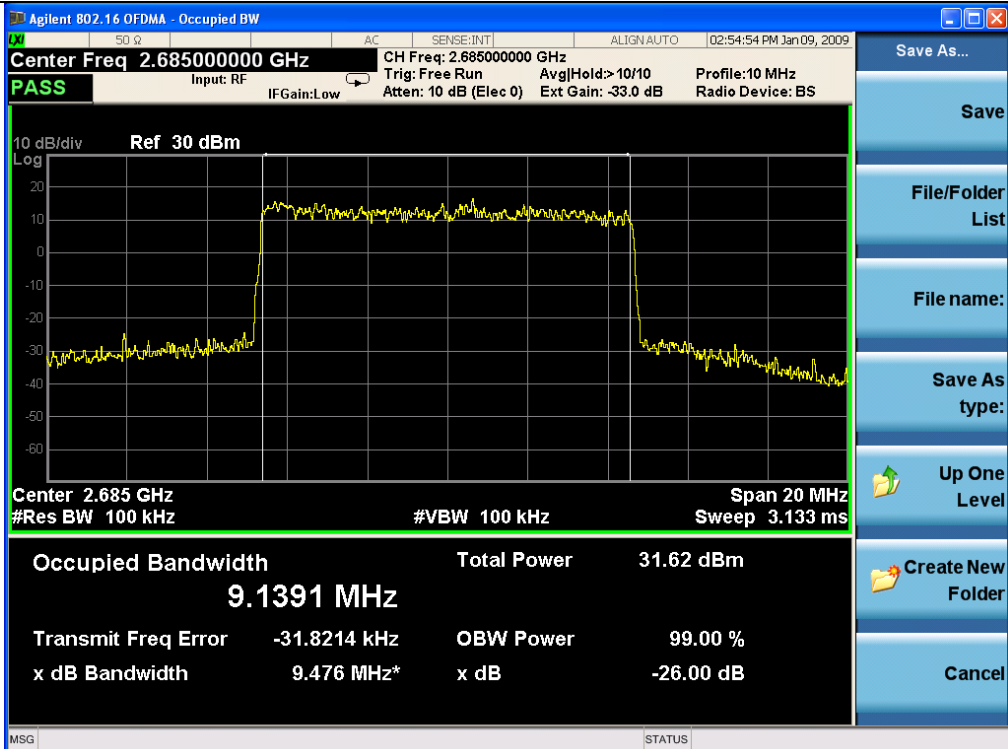
Down Link	 Agilent 802.16 OFDMA - Occupied BW Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF Trig: Free Run AvgHld: >10/10 Profile: 10 MHz IFGain: Low Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Occupied Bandwidth 9.1024 MHz Total Power 32.48 dBm Transmit Freq Error 10.6119 kHz OBW Power 99.00 % x dB Bandwidth 9.490 MHz* x dB -26.00 dB
Up Link	 Agilent 802.16 OFDMA - Occupied BW Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF Trig: Free Run AvgHld: >10/10 Profile: 10 MHz IFGain: Low Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Occupied Bandwidth 9.1167 MHz Total Power 31.95 dBm Transmit Freq Error -4.3822 kHz OBW Power 99.00 % x dB Bandwidth 9.449 MHz* x dB -26.00 dB

6.3.15 E-G Block [2655MHz – 64QAM]

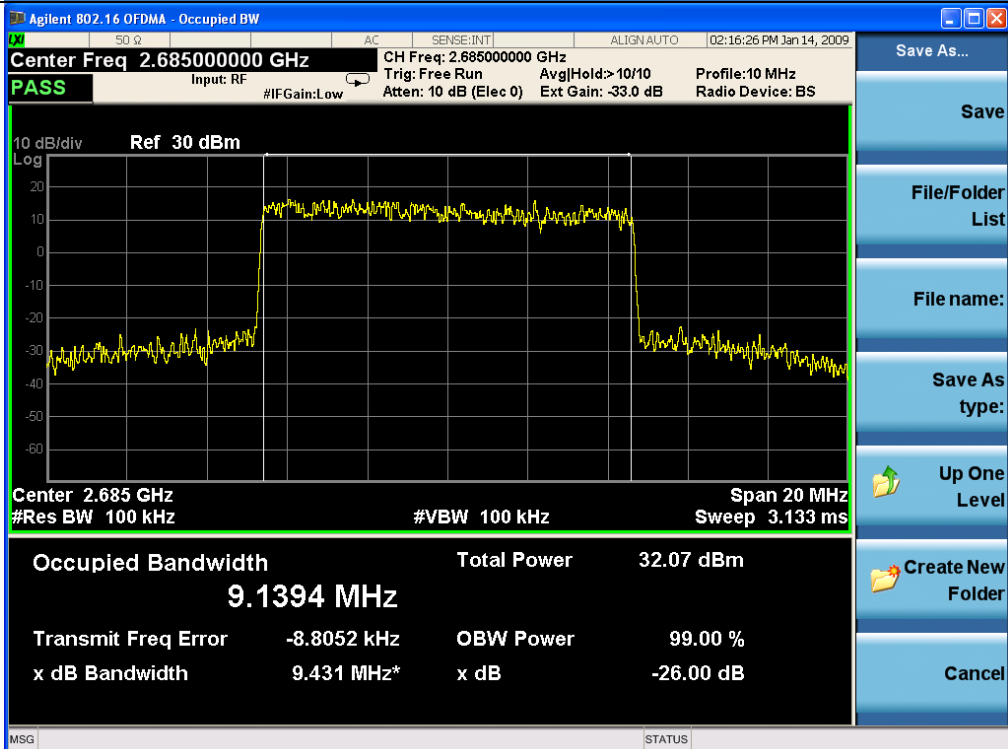
Down Link	 Agilent 802.16 OFDMA - Occupied BW Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF IF Gain: Low Trig: Free Run Avg Hold: >10/10 Profile: 10 MHz Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Occupied Bandwidth 9.1173 MHz Total Power 32.35 dBm Transmit Freq Error 3.5570 kHz OBW Power 99.00 % x dB Bandwidth 9.481 MHz* x dB -26.00 dB
Up Link	 Agilent 802.16 OFDMA - Occupied BW Center Freq 2.655000000 GHz CH Freq: 2.655000000 GHz Input RF IF Gain: Low Trig: Free Run Avg Hold: >10/10 Profile: 10 MHz Atten: 10 dB (Elec 0) Ext Gain: -33.0 dB Radio Device: BS 10 dB/div Ref 30 dBm Center 2.655 GHz Span 20 MHz #Res BW 100 kHz #VBW 100 kHz Sweep 3.133 ms Occupied Bandwidth 9.1158 MHz Total Power 32.41 dBm Transmit Freq Error 4.1935 kHz OBW Power 99.00 % x dB Bandwidth 9.432 MHz* x dB -26.00 dB

6.3.16 E-G Block [2685MHz – QPSK]

Down Link

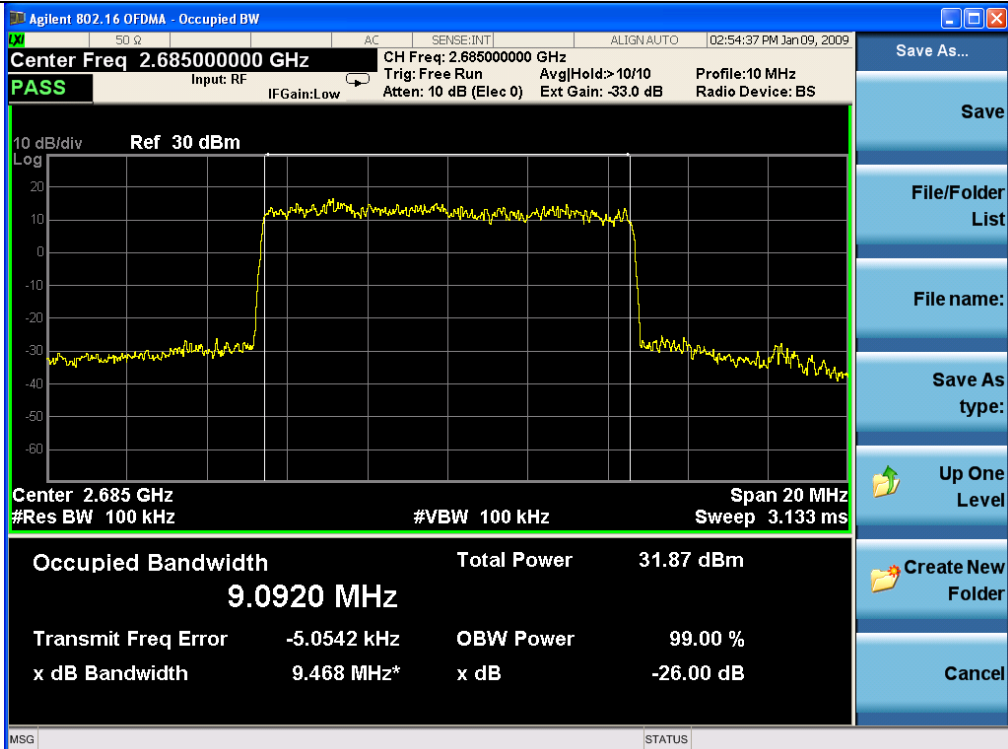


Up Link

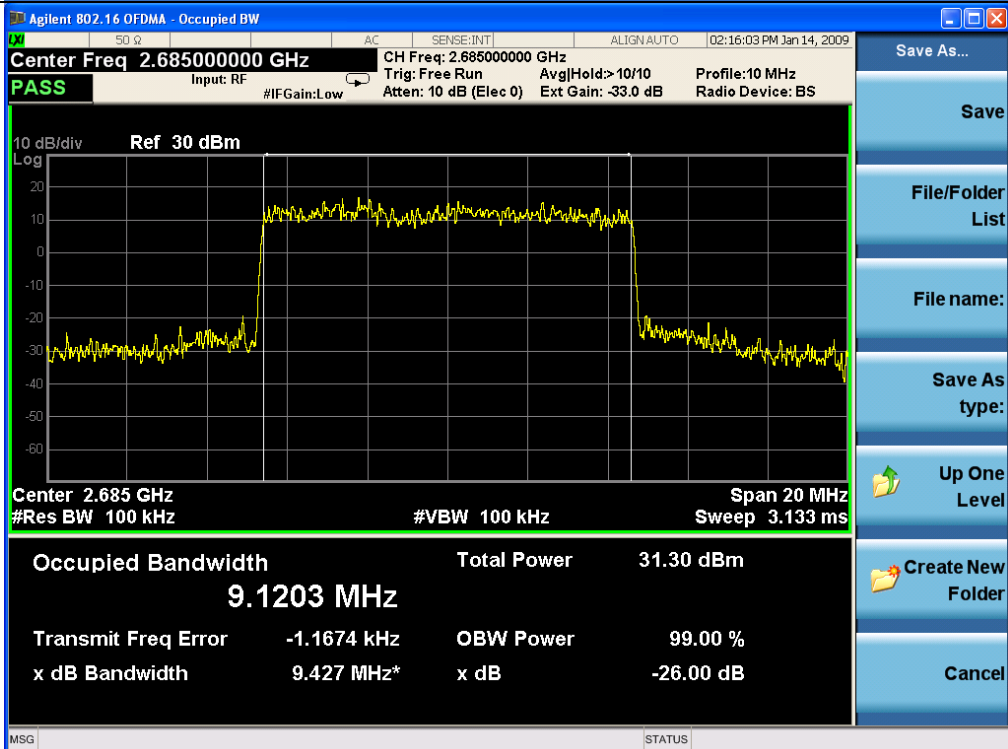


6.3.17 E-G Block [2685MHz – 16QAM]

Down Link

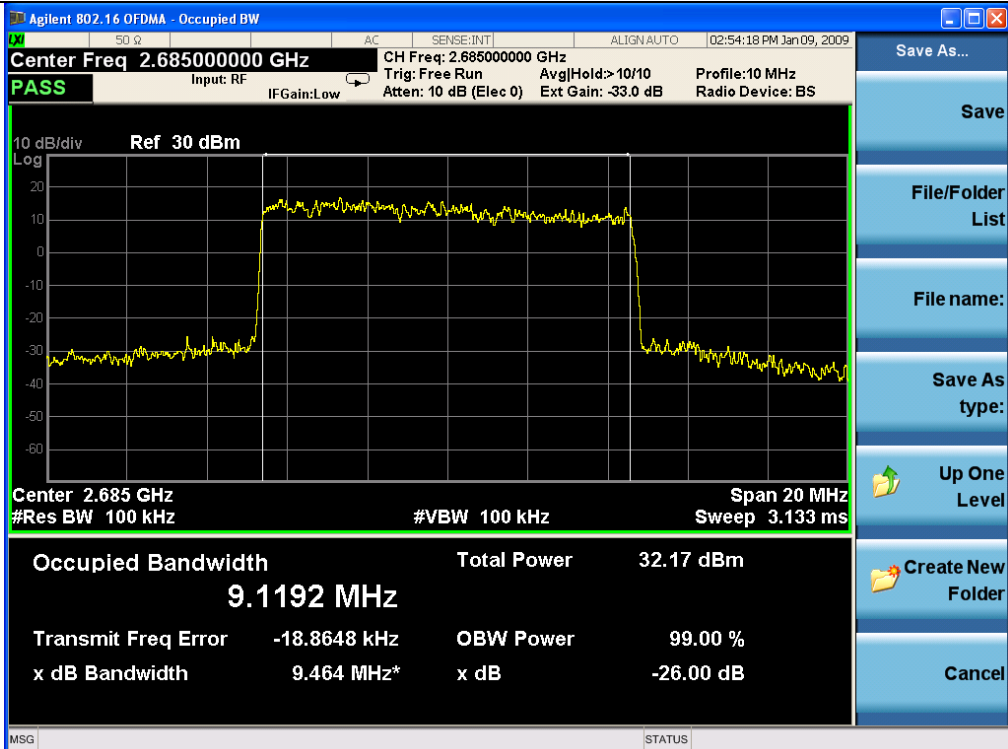


Up Link

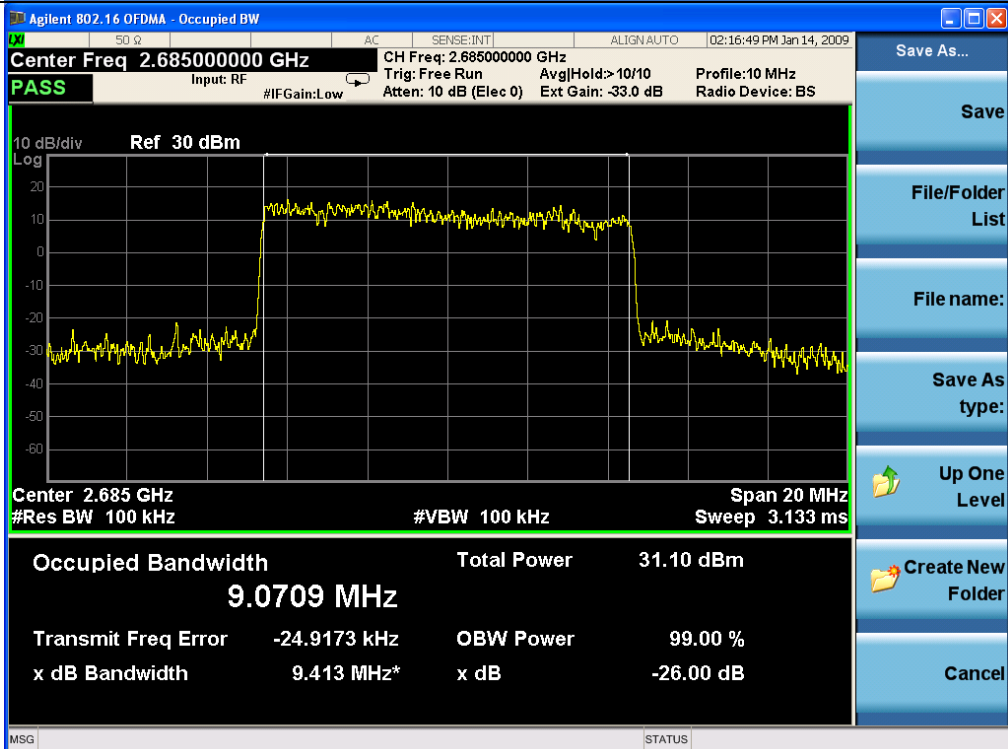


6.3.18 E-G Block [2685MHz – 64QAM]

Down Link



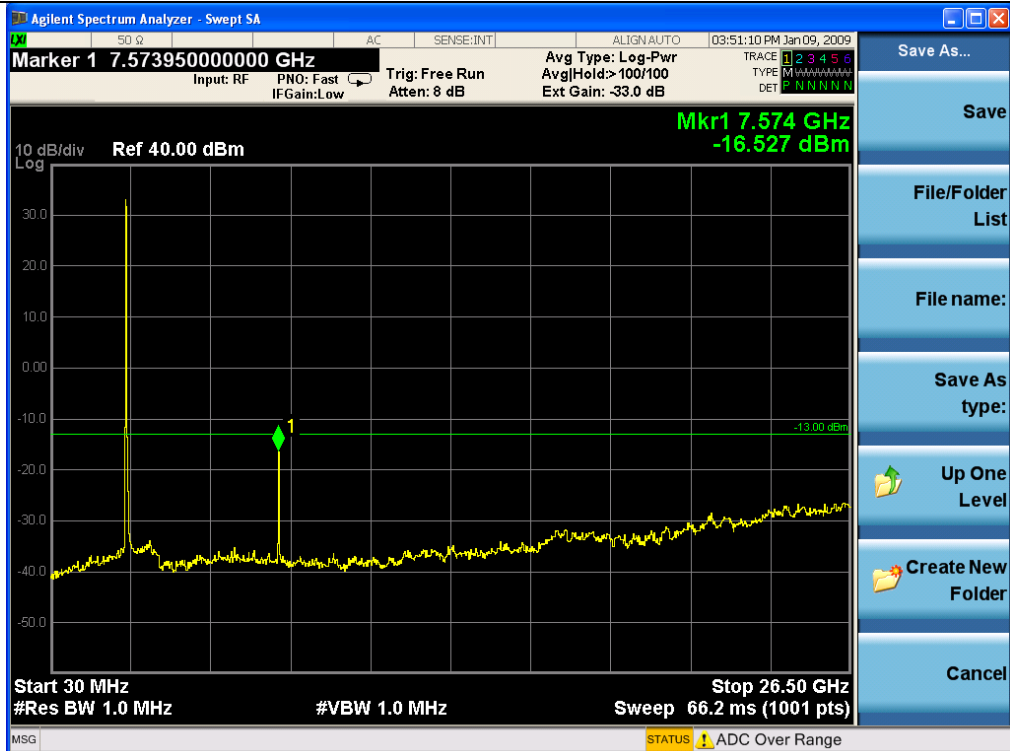
Up Link



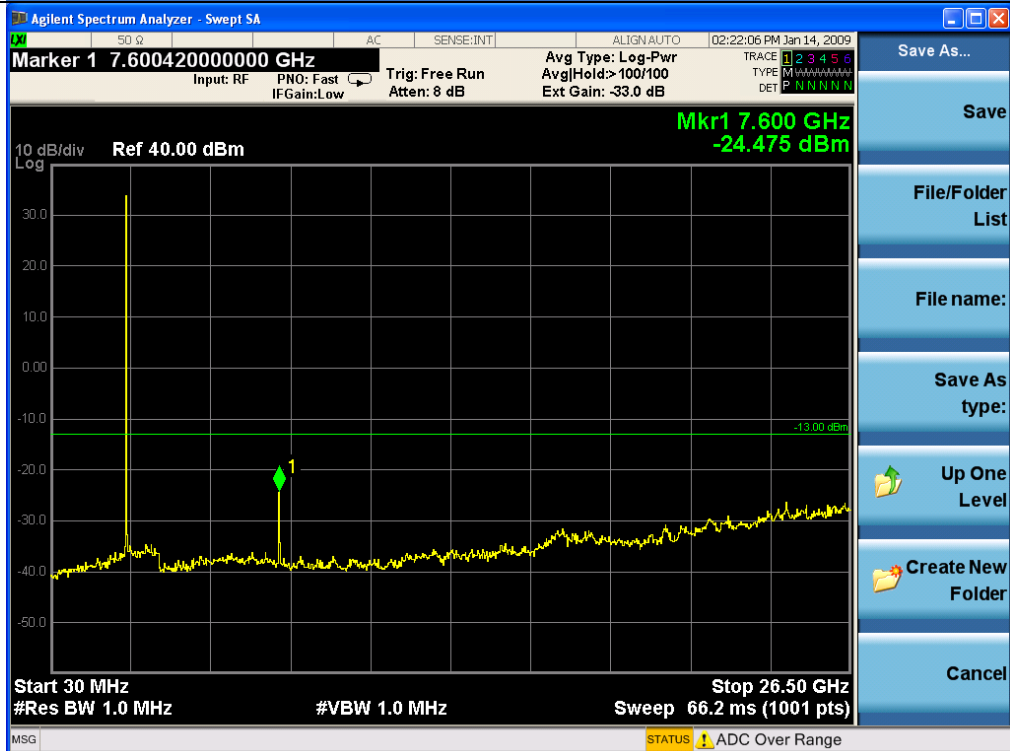
6.4 Spurious Emissions at Antenna Terminals

6.4.1 A-D Block [2535MHz – 3FA_QPSK]

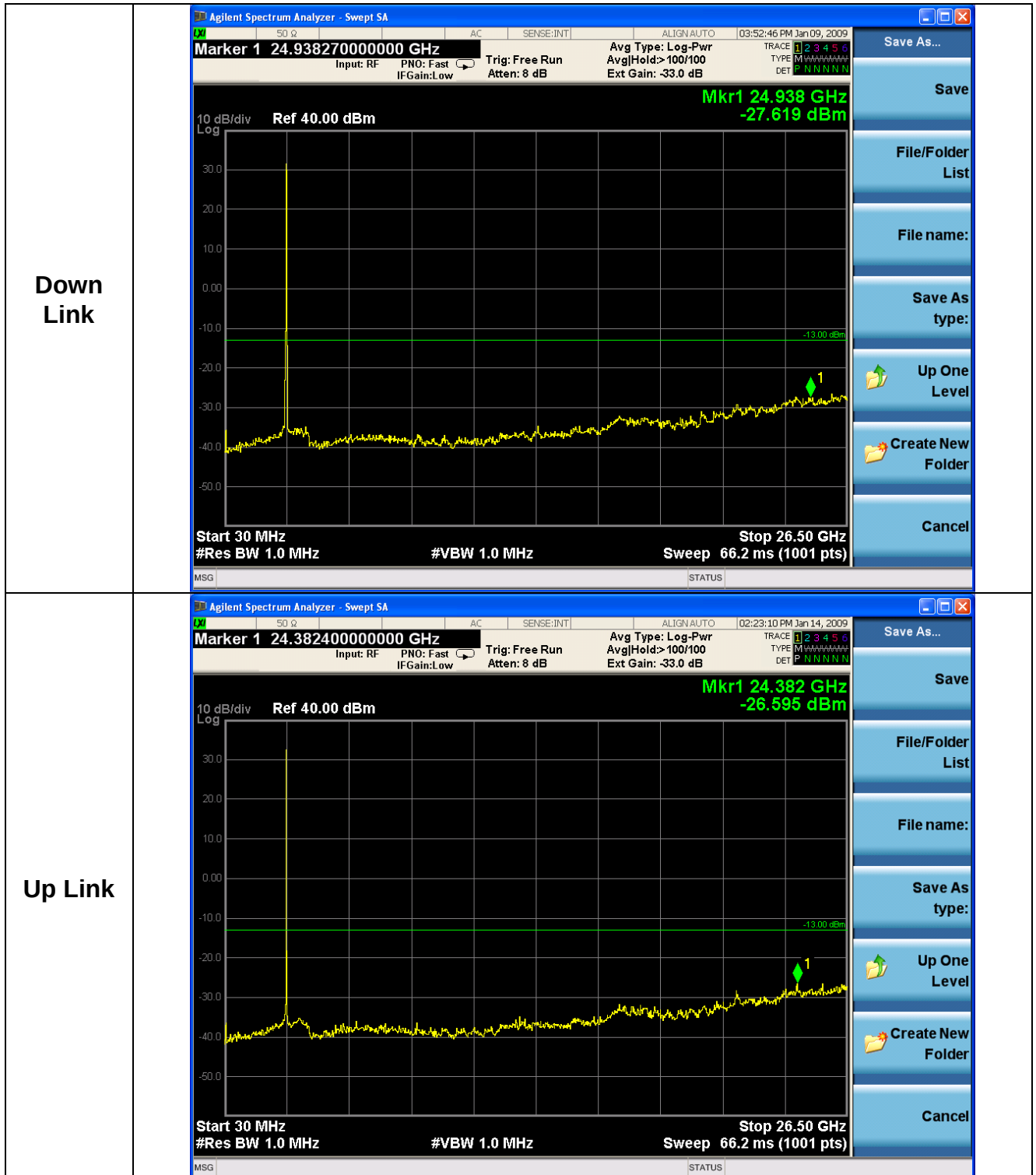
Down Link



Up Link



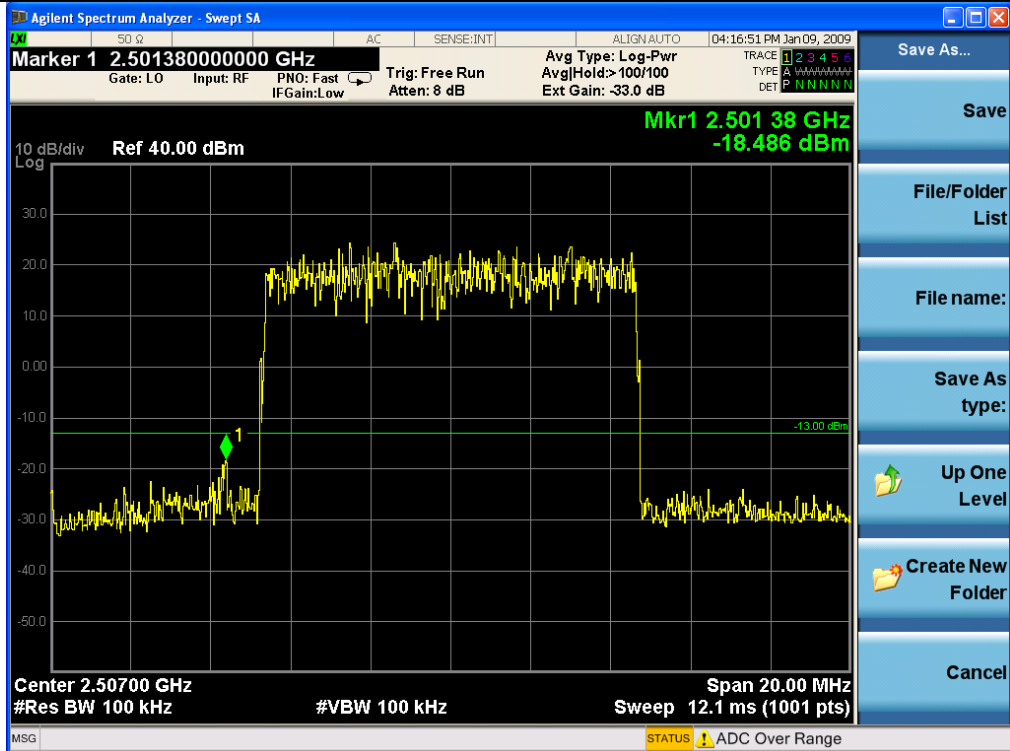
6.4.2 E-G Block [2655MHz – 3FA_QPSK]



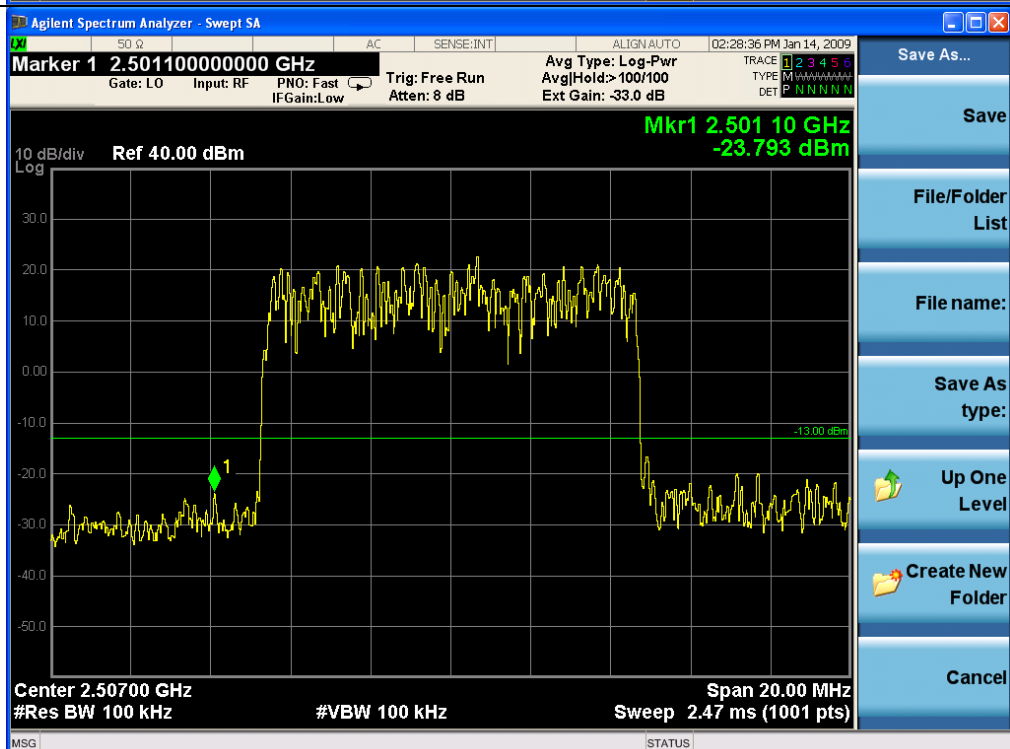
6.5 Band Edge Compliance with intermodulation

6.5.1 A-D Block [2507MHz – QPSK]

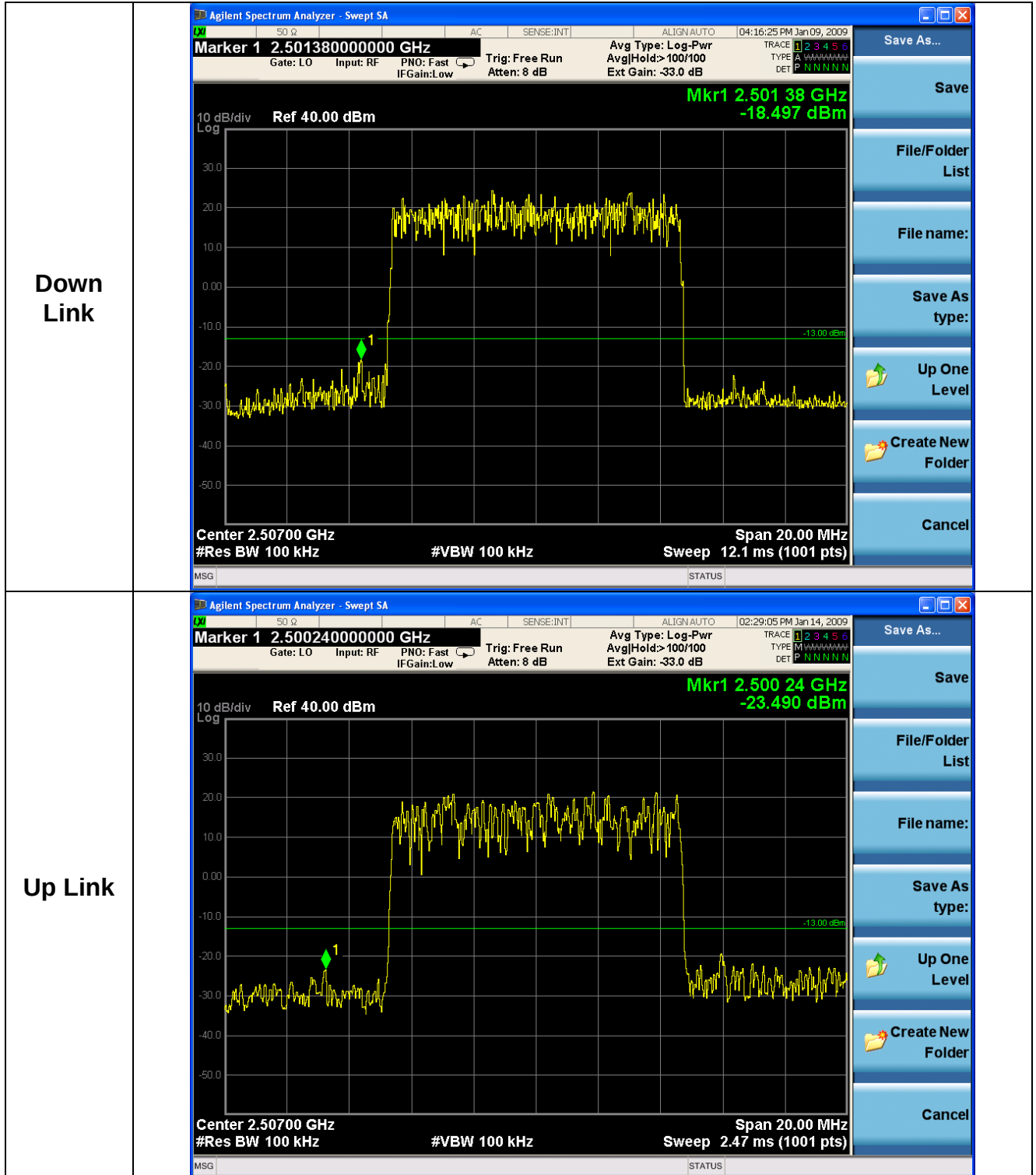
Down Link



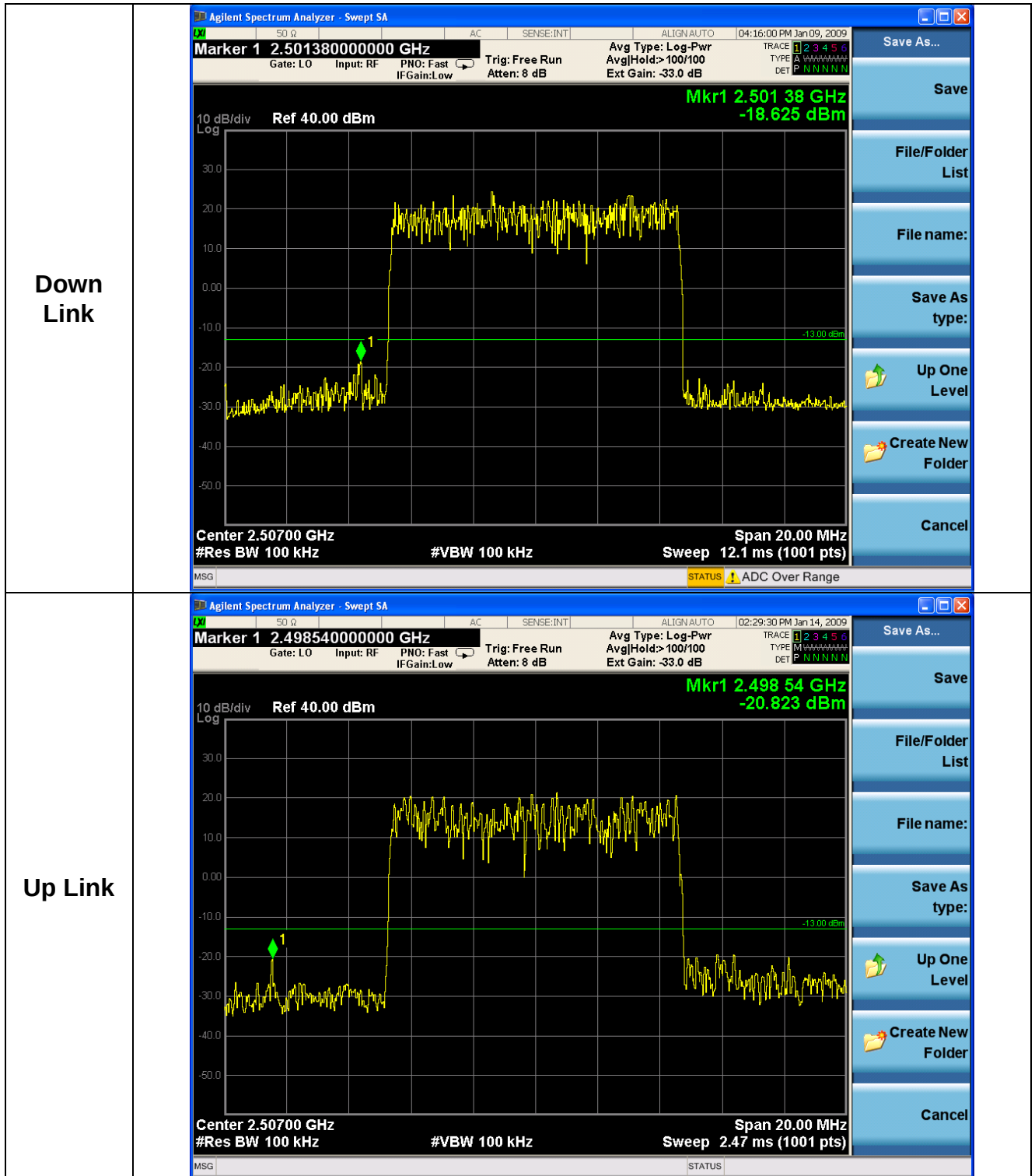
Up Link



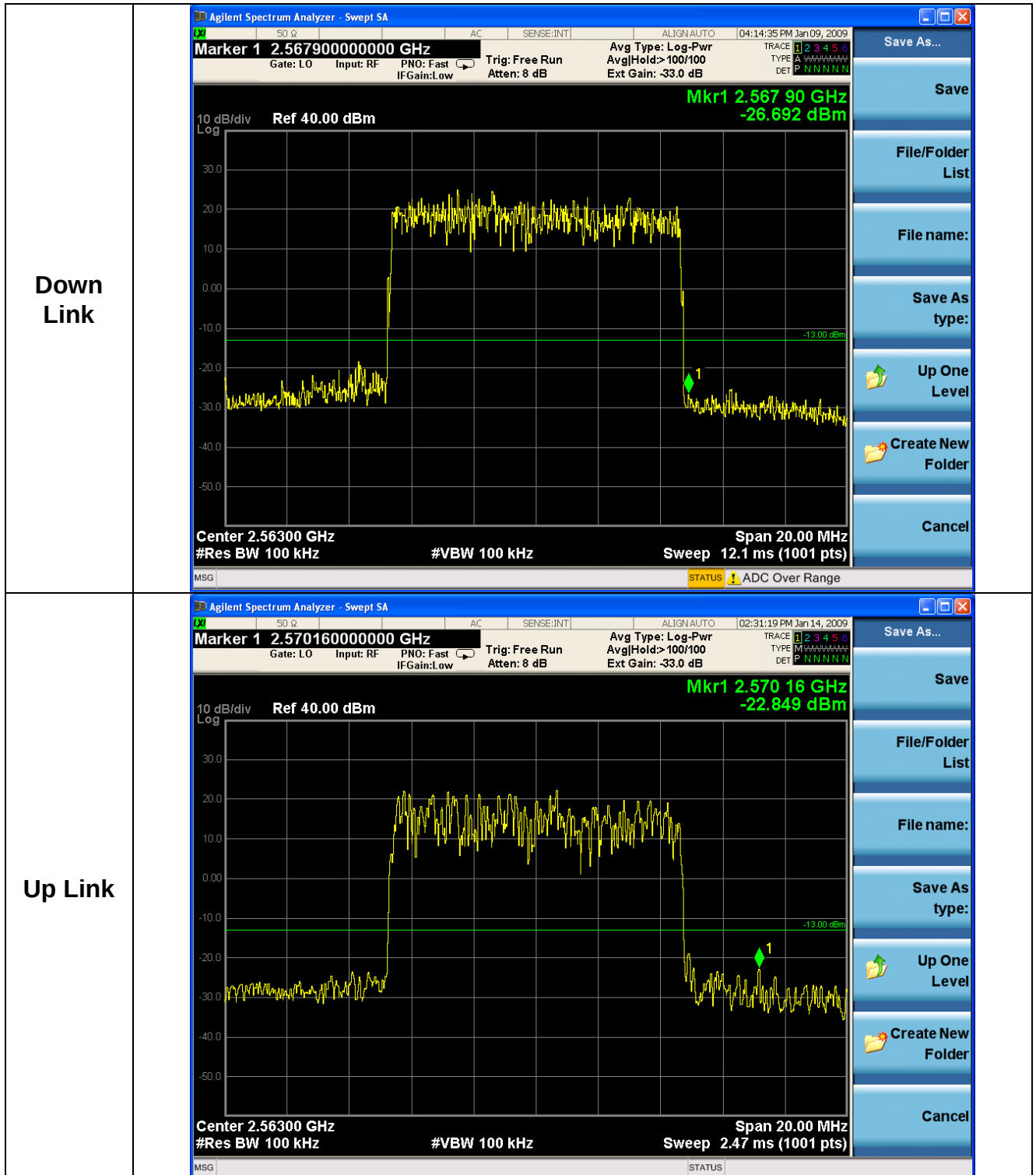
6.5.2 A-D Block [2507MHz – 16QAM]



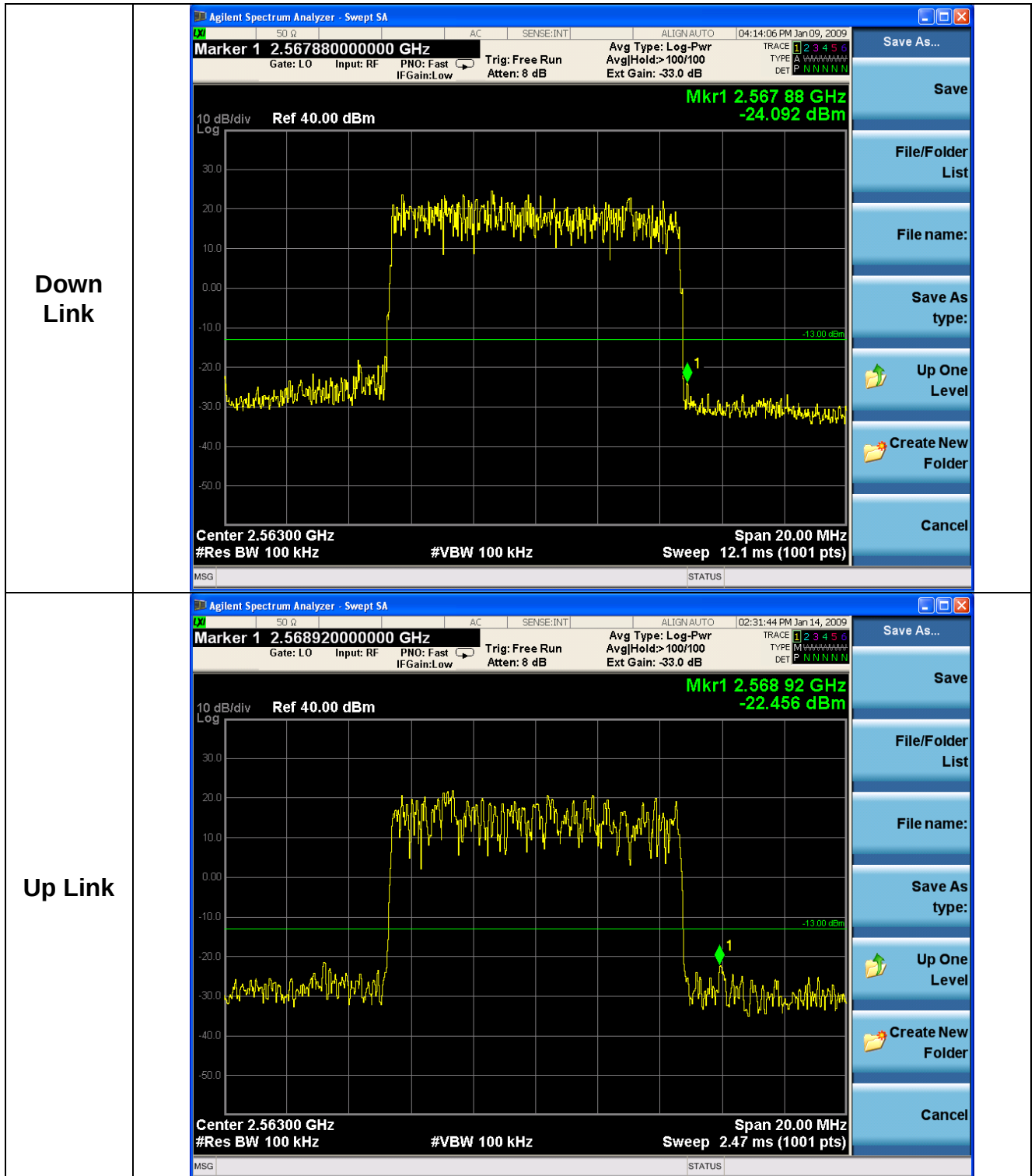
6.5.3 A-D Block [2507MHz – 64QAM]



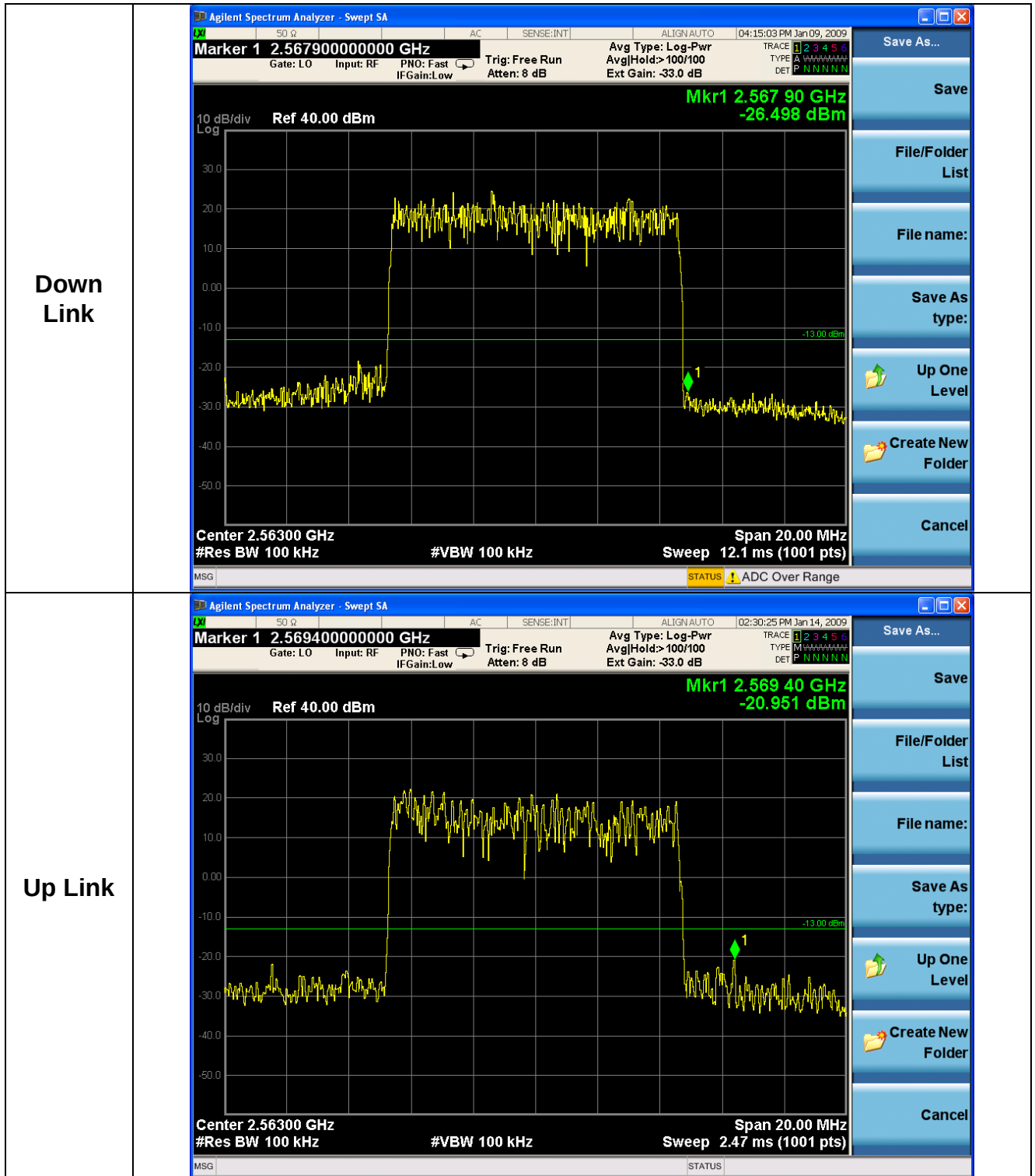
6.5.4 A-D Block [2563MHz – QPSK]



6.5.5 A-D Block [2563MHz – 16QAM]



6.5.6 A-D Block [2563MHz – 64QAM]



6.5.7 E-G Block [2629MHz – QPSK]

