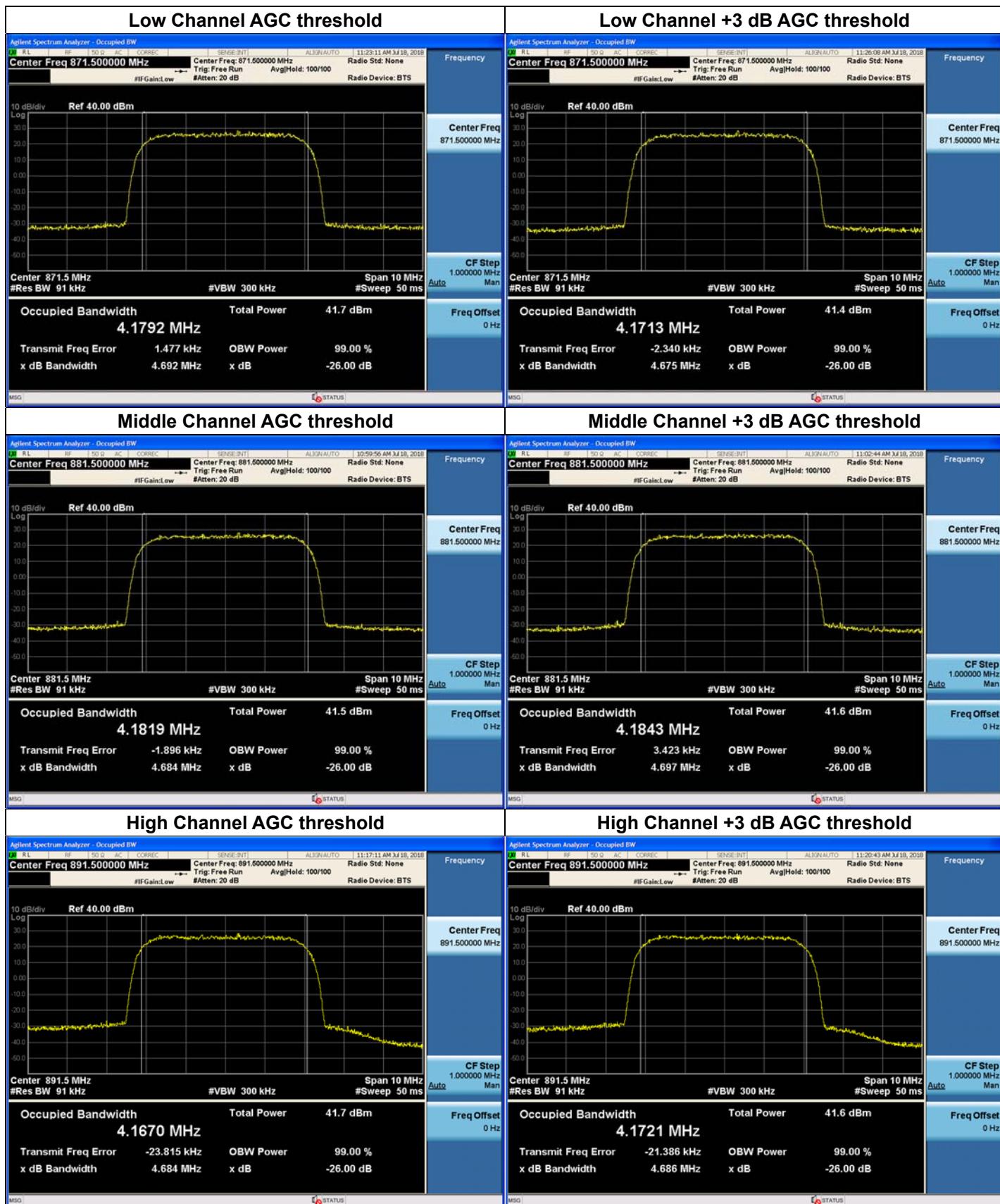
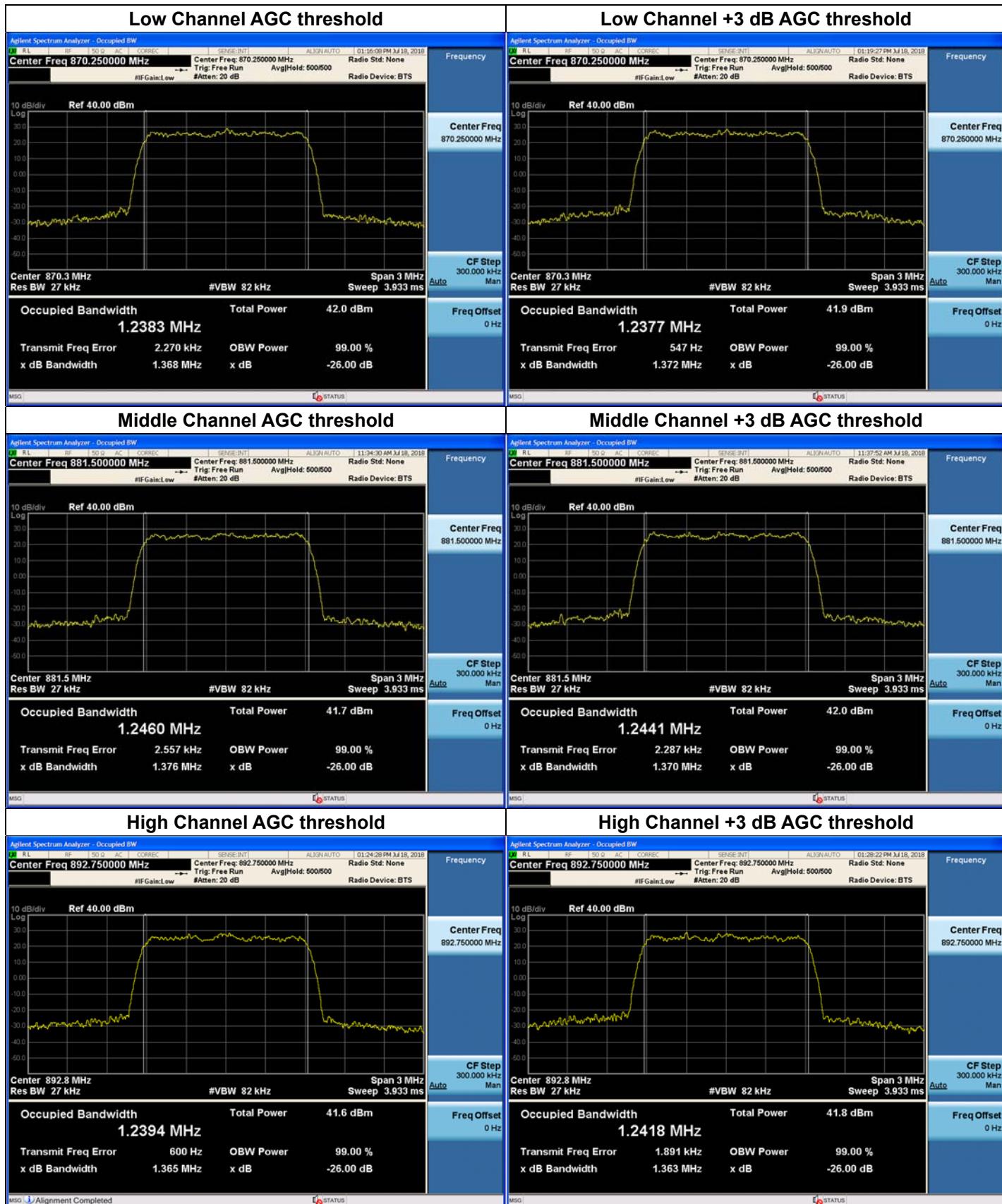


Plots of Output Occupied Bandwidth for WCDMA_850 CEL Band



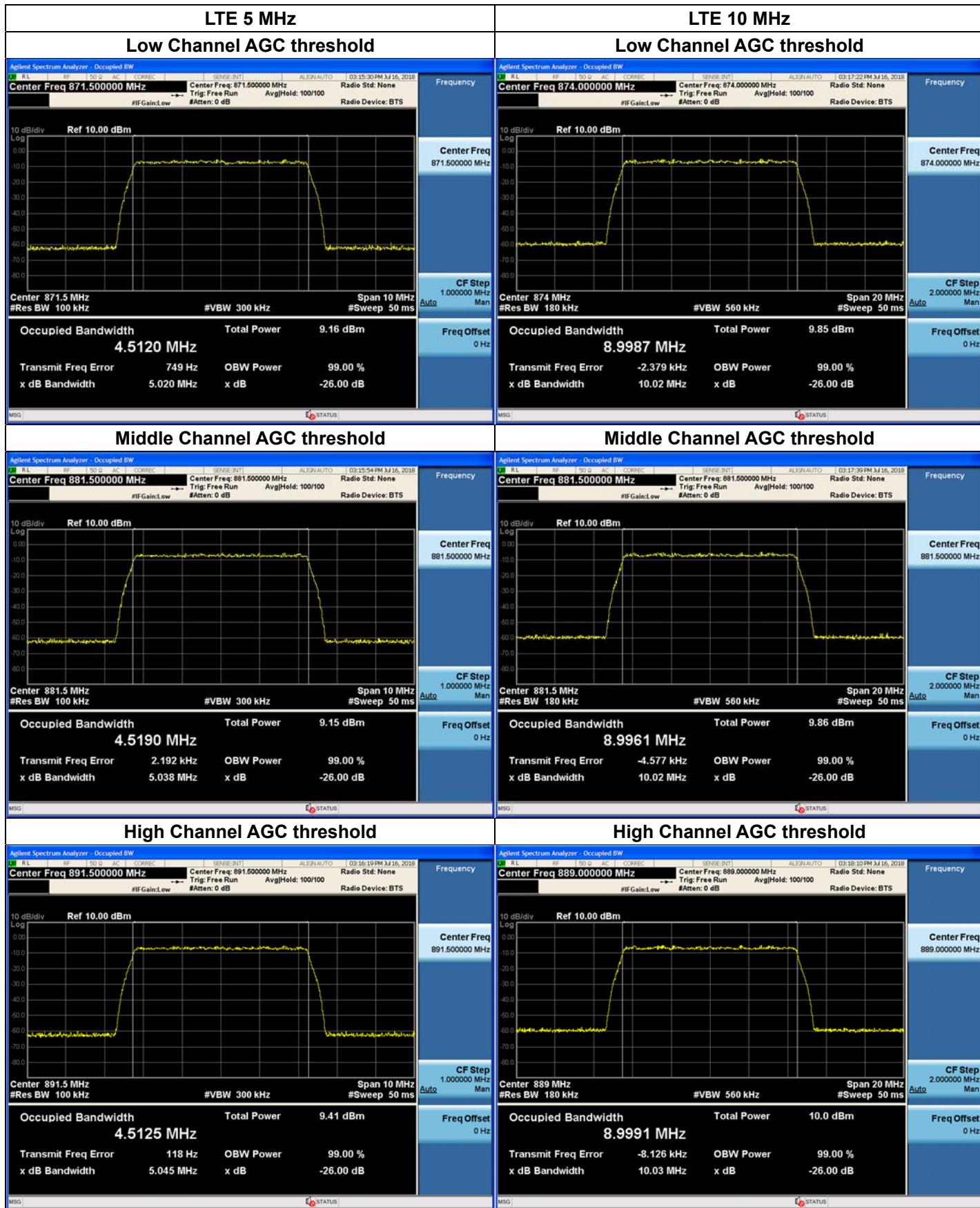
Plots of Output Occupied Bandwidth for CDMA_850 CEL Band



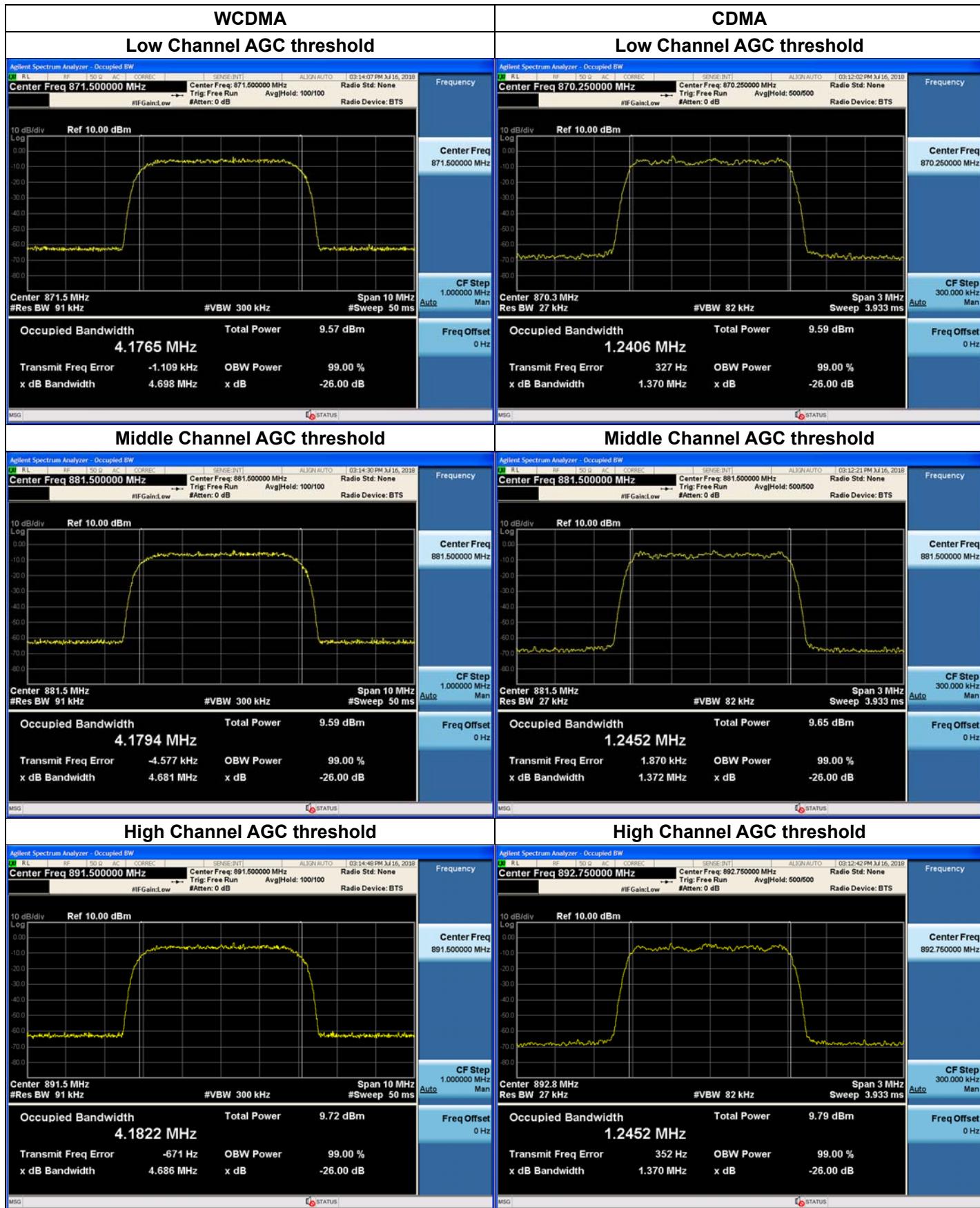
Plots of Output Occupied Bandwidth for P25 Phase 2_800 MHz PLMR Band



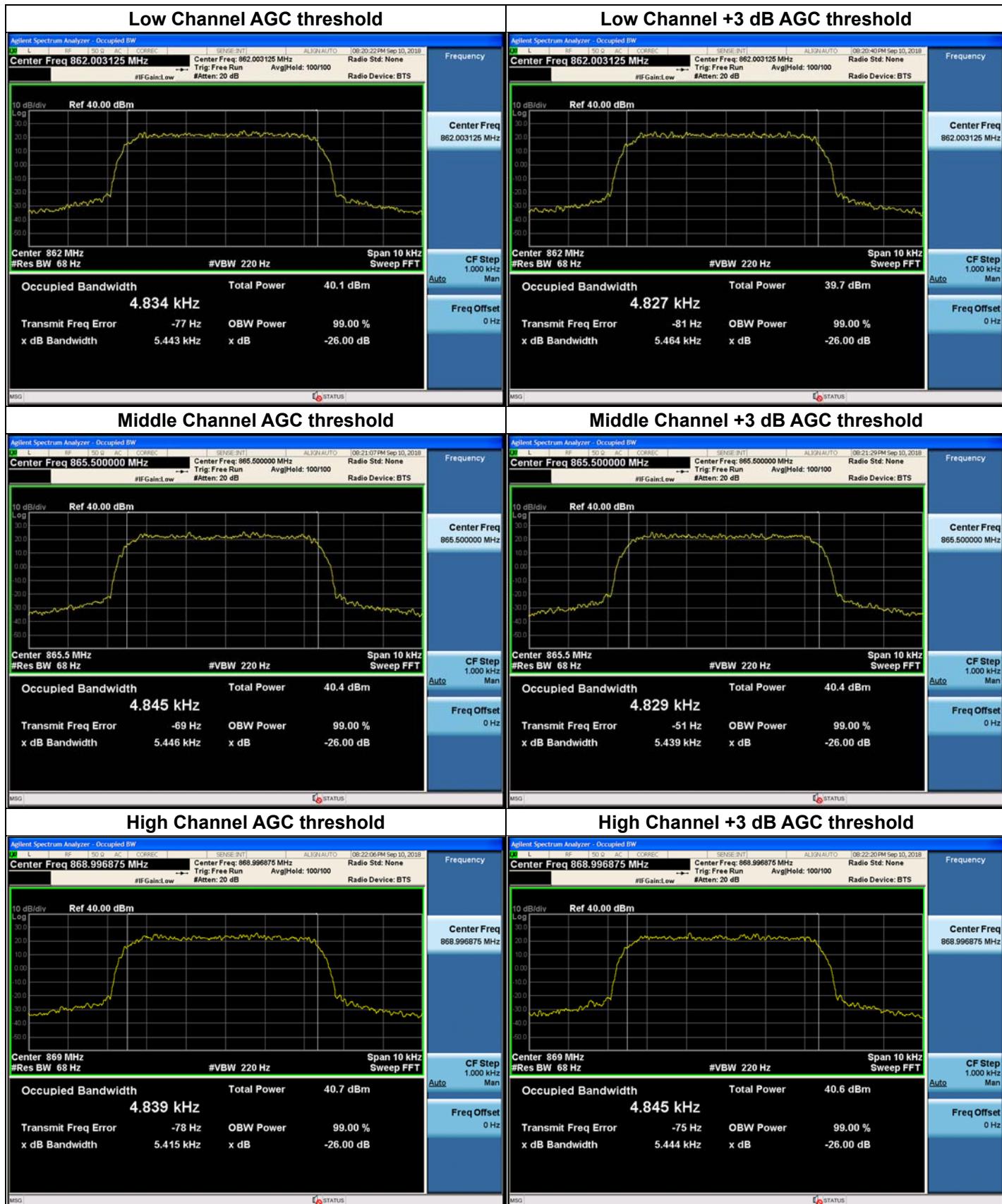
Plots of Input Occupied Bandwidth for LTE_850 CEL Band



Plots of Input Occupied Bandwidth for WCDMA and CDMA_850 CEL Band



Plots of Output Occupied Bandwidth for P25 Phase 2_800 MHz PLMR Band



Plots of Input Occupied Bandwidth for P25 Phase 2_800 MHz PLMR Band

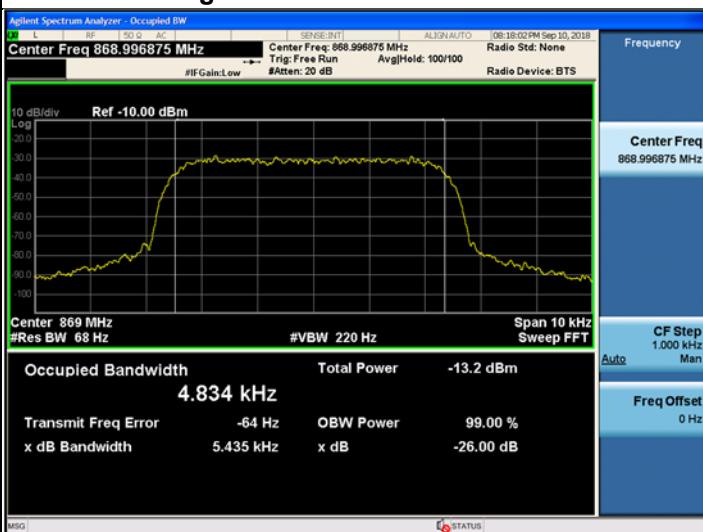
Low Channel AGC threshold



Middle Channel AGC threshold



High Channel AGC threshold



[Downlink Output_1900 PCS Band]

1900 PCS Band	Channel	Frequency (MHz)	OBW (MHz)
LTE 5 MHz AGC threshold	Low	1932.50	4.5047
	Middle	1962.50	4.5129
	High	1992.50	4.5090
LTE 5 MHz +3 dB above the AGC threshold	Low	1932.50	4.5079
	Middle	1962.50	4.5109
	High	1992.50	4.5092
LTE 10 MHz AGC threshold	Low	1935.00	8.9810
	Middle	1962.50	8.9862
	High	1990.00	8.9840
LTE 10 MHz +3 dB above the AGC threshold	Low	1935.00	8.9883
	Middle	1962.50	9.0040
	High	1990.00	8.9855
LTE 20 MHz AGC threshold	Low	1940.00	17.984
	Middle	1962.50	18.027
	High	1985.00	17.944
LTE 20 MHz +3 dB above the AGC threshold	Low	1940.00	17.983
	Middle	1962.50	18.014
	High	1985.00	17.955

1900 PCS Band	Channel	Frequency (MHz)	OBW (MHz)
WCDMA AGC threshold	Low	1932.50	4.1669
	Middle	1962.50	4.1715
	High	1992.50	4.1678
WCDMA +3 dB above the AGC threshold	Low	1932.50	4.1779
	Middle	1962.50	4.1751
	High	1992.50	4.1741
CDMA AGC threshold	Low	1931.25	1.2682
	Middle	1962.50	1.2667
	High	1993.75	1.2634
CDMA +3 dB above the AGC threshold	Low	1931.25	1.2607
	Middle	1962.50	1.2693
	High	1993.75	1.2707
1900 PCS Band	Channel	Frequency (MHz)	OBW (kHz)
GSM AGC threshold	Low	1930.20	243.65
	Middle	1962.50	245.08
	High	1994.80	243.64
GSM +3 dB above the AGC threshold	Low	1930.20	244.98
	Middle	1962.50	244.44
	High	1994.80	244.71

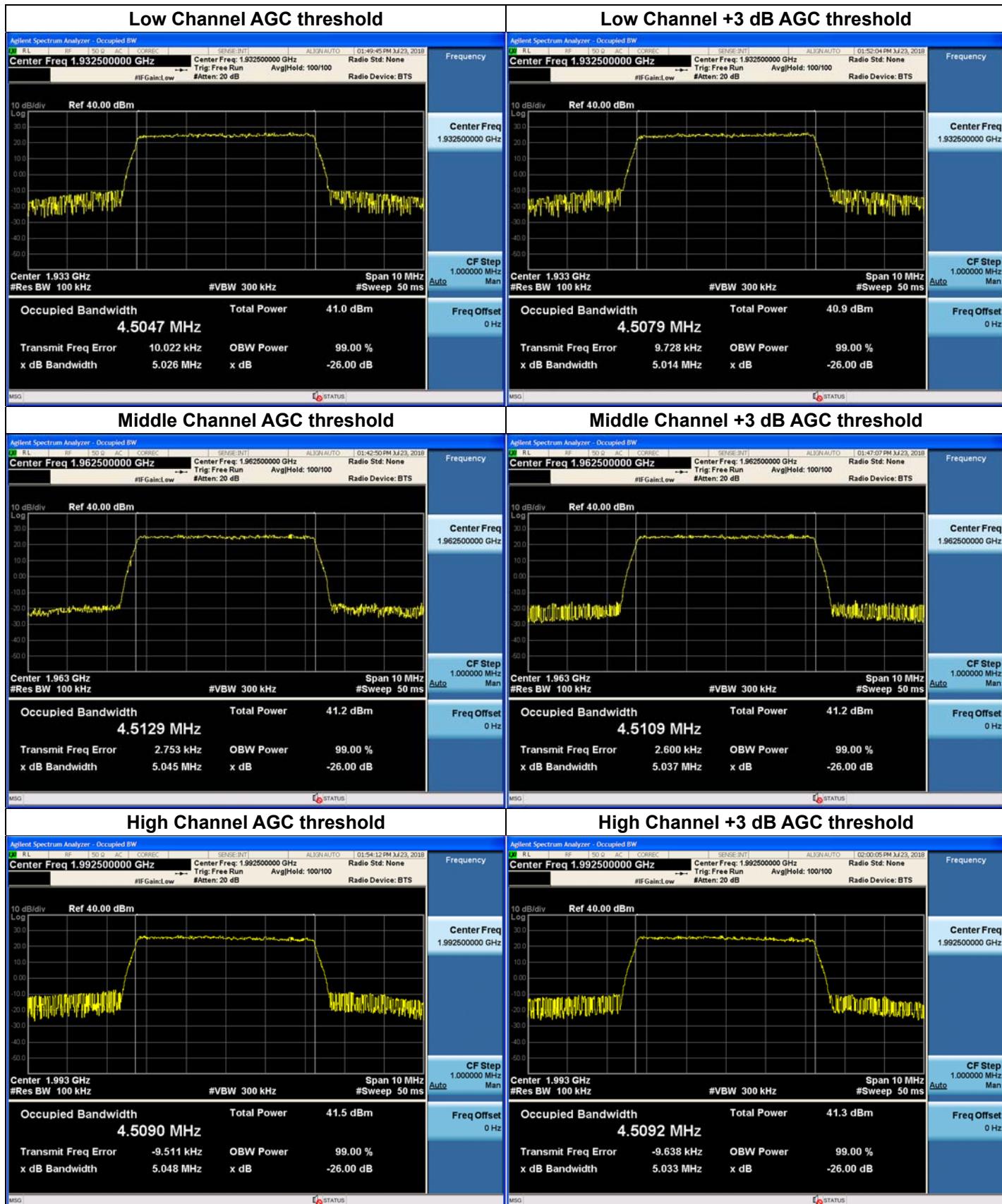
*Note: We have done CDMA and 1xEVDO / GSM and EDGE modulation test in technology. Test results are only attached worst cases.

[Downlink Input_1900 PCS Band]

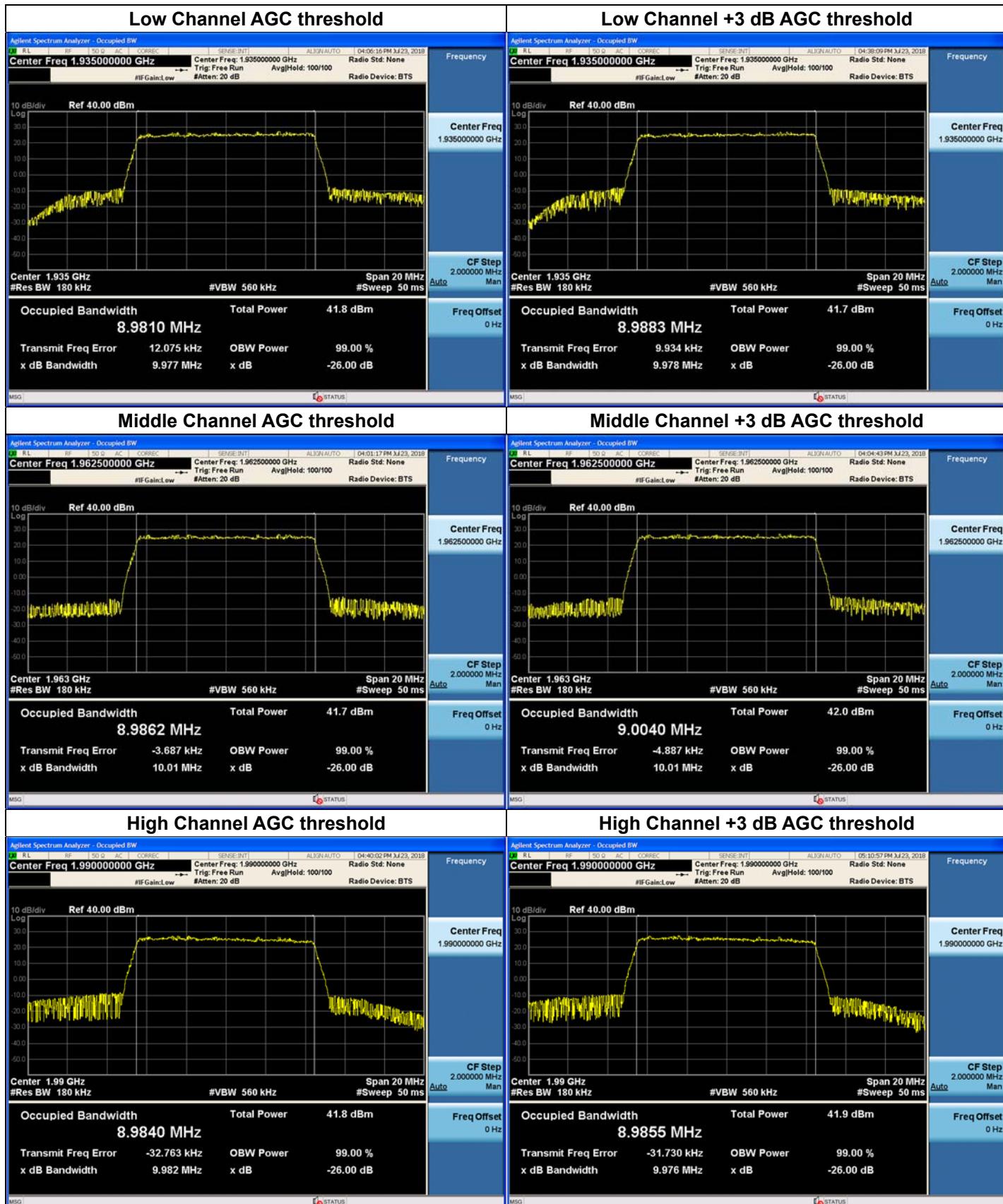
1900 PCS Band	Channel	Frequency (MHz)	OBW (MHz)
LTE 5 MHz AGC threshold	Low	1932.50	4.5147
	Middle	1962.50	4.5109
	High	1992.50	4.5118
LTE 10 MHz AGC threshold	Low	1935.00	8.9923
	Middle	1962.50	8.9905
	High	1990.00	9.0134
LTE 20 MHz AGC threshold	Low	1940.00	17.995
	Middle	1962.50	18.022
	High	1985.00	18.039
WCDMA AGC threshold	Low	1932.50	4.1772
	Middle	1962.50	4.1844
	High	1992.50	4.1813
CDMA AGC threshold	Low	1931.25	1.2594
	Middle	1962.50	1.2663
	High	1993.75	1.2672
1900 PCS Band	Channel	Frequency (MHz)	OBW (kHz)
GSM AGC threshold	Low	1930.20	244.01
	Middle	1962.50	244.09
	High	1994.80	244.95

*Note: We have done CDMA and 1xEVDO / GSM and EDGE modulation test in technology. Test results are only attached worst cases.

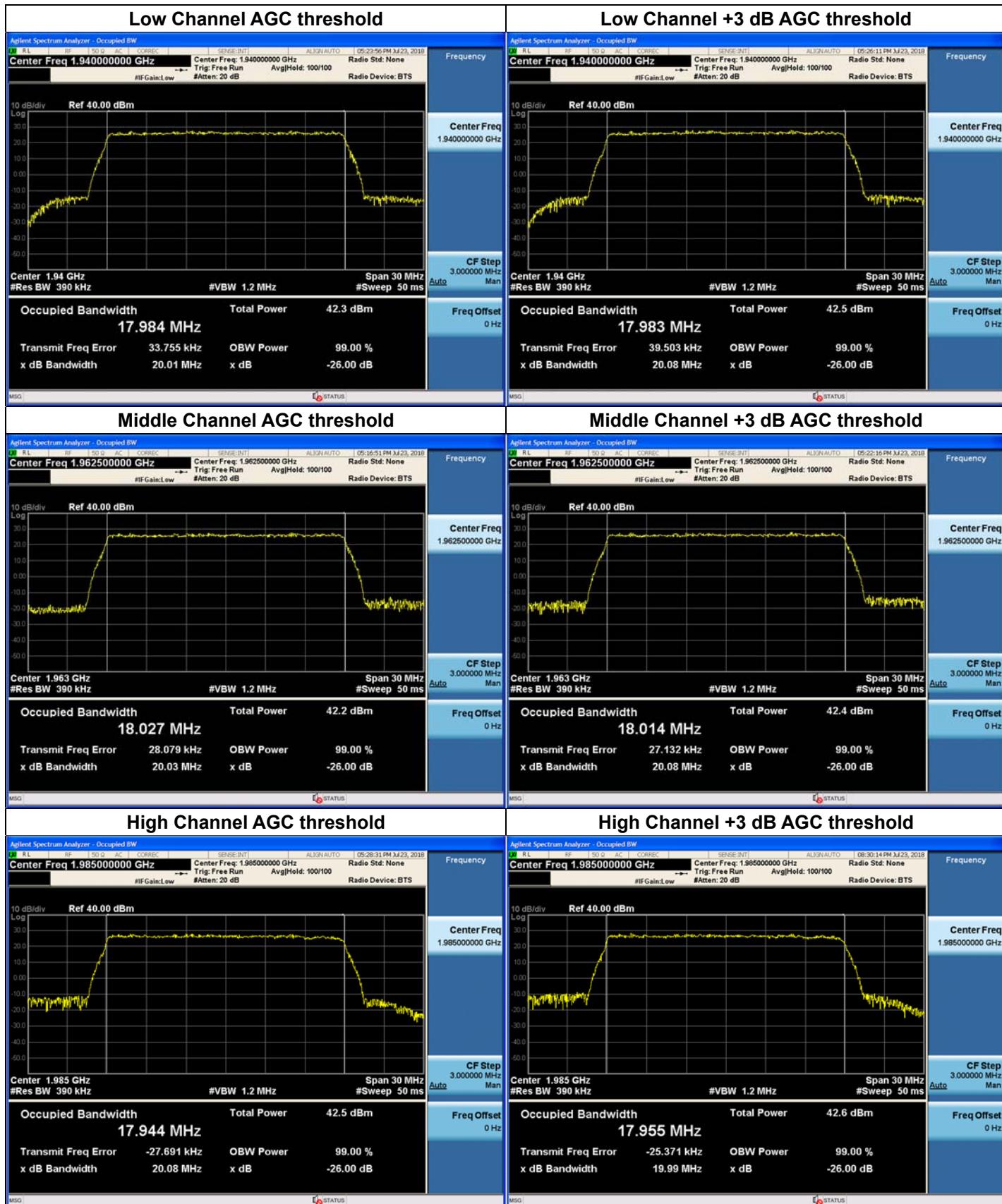
Plots of Output Occupied Bandwidth for 1900 PCS Band LTE 5 MHz



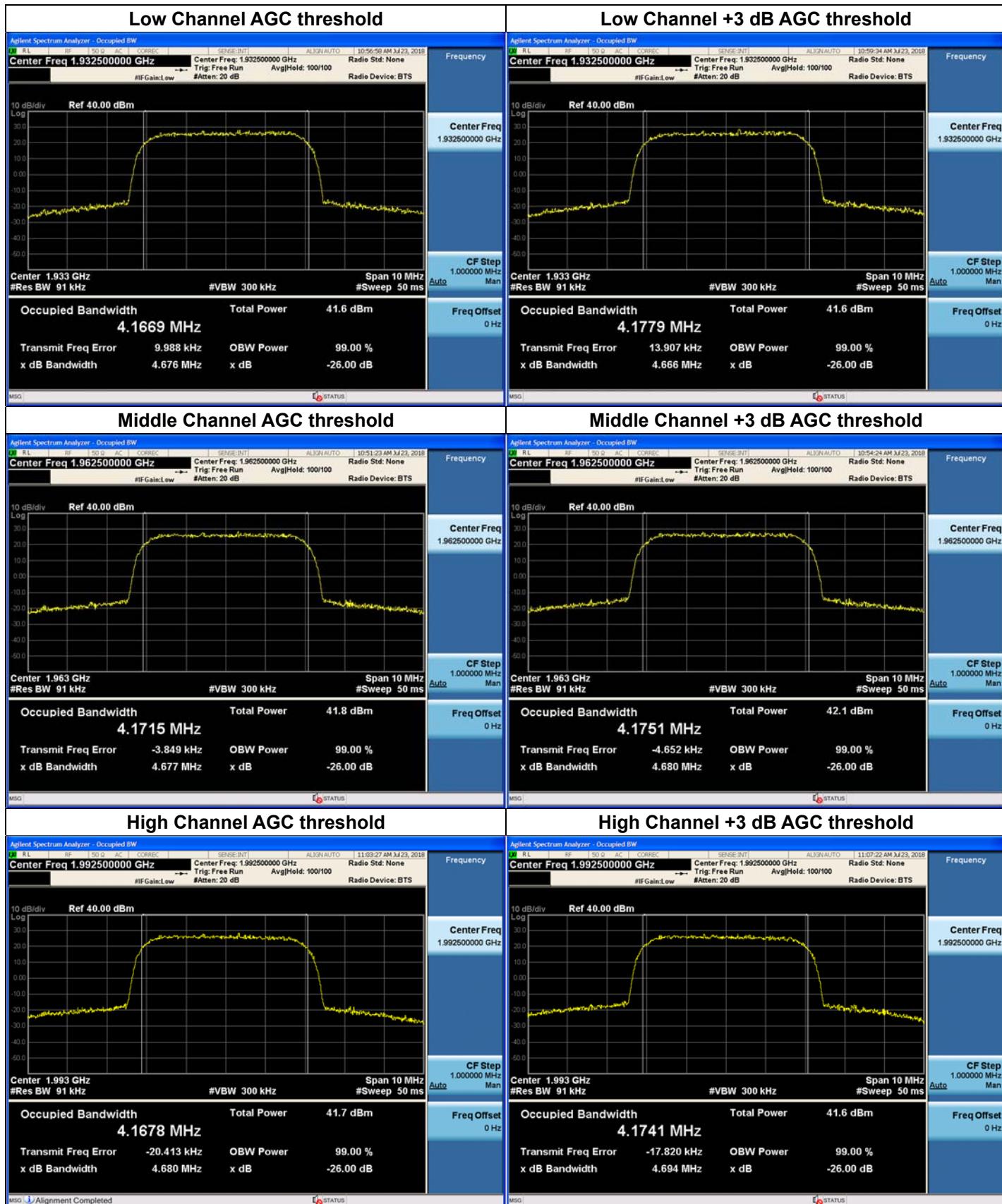
Plots of Output Occupied Bandwidth for 1900 PCS Band LTE 10 MHz



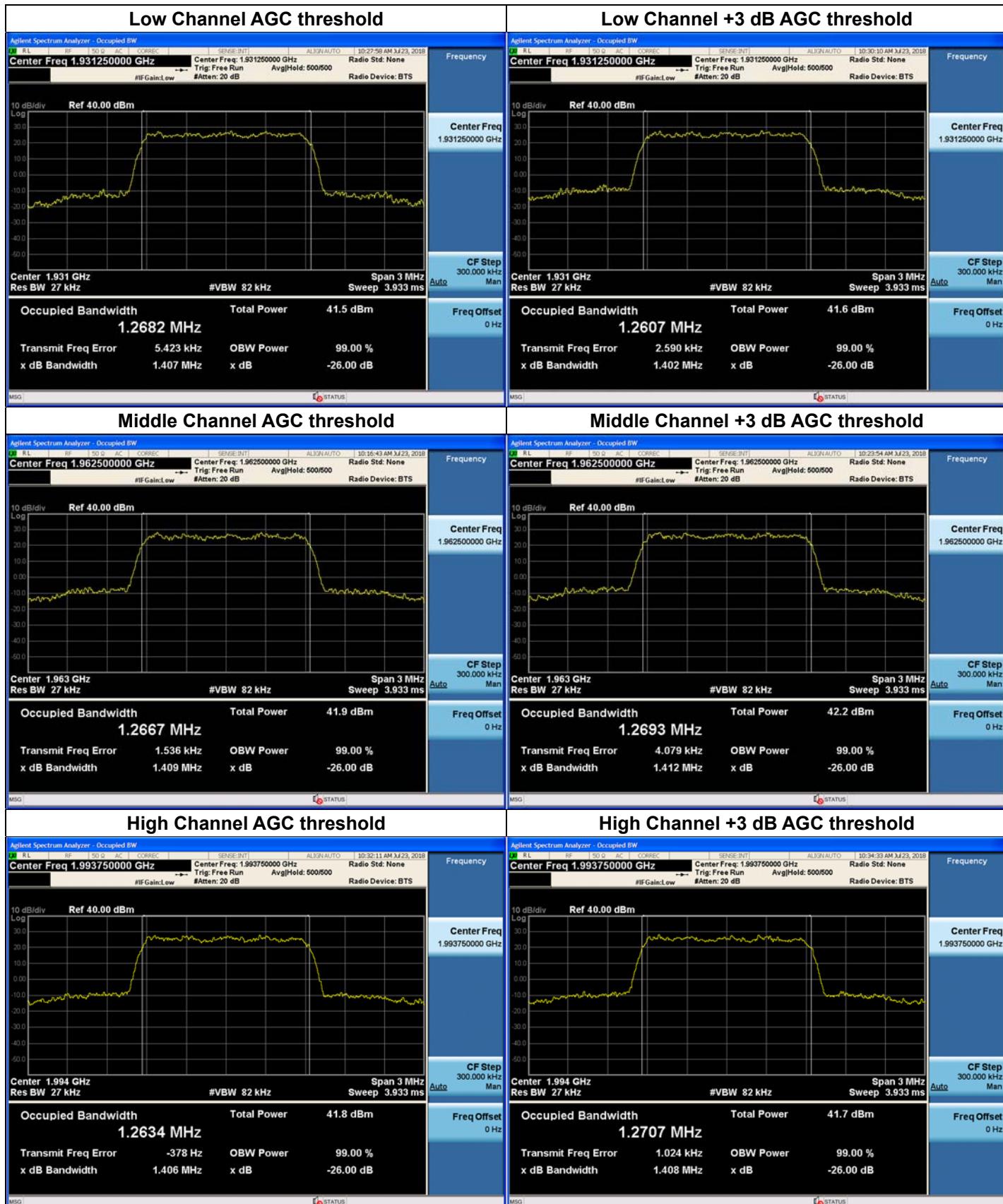
Plots of Output Occupied Bandwidth for 1900 PCS Band LTE 20 MHz



Plots of Output Occupied Bandwidth for 1900 PCS Band WCDMA



Plots of Output Occupied Bandwidth for 1900 PCS Band CDMA



Plots of Output Occupied Bandwidth for 1900 PCS Band GSM

