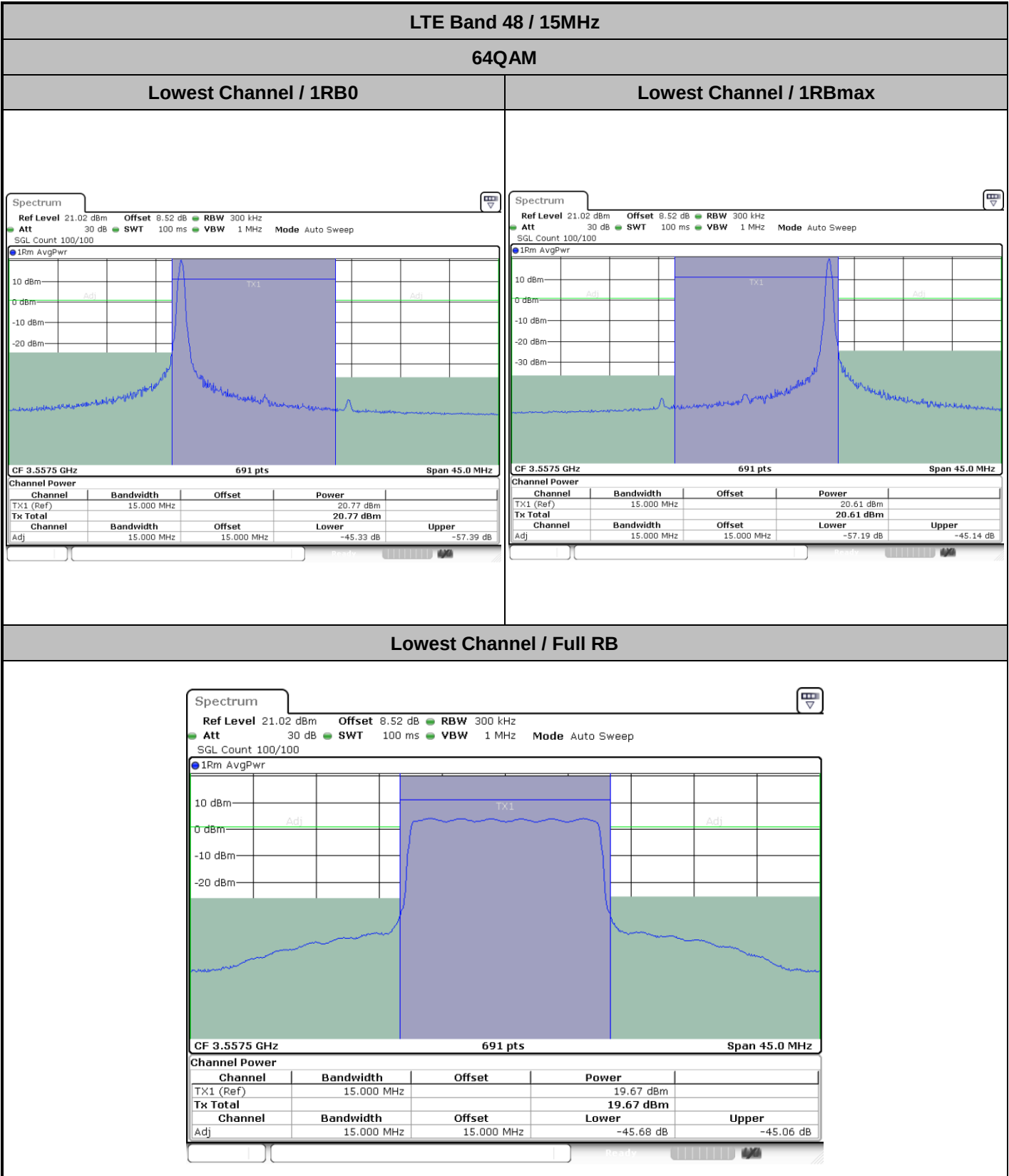


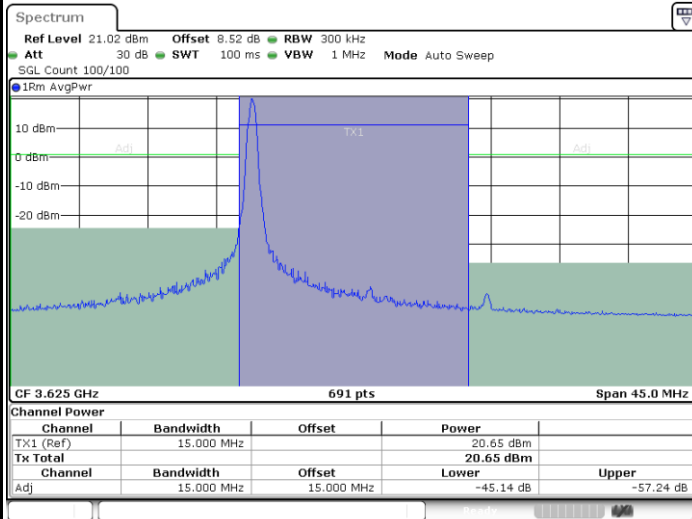




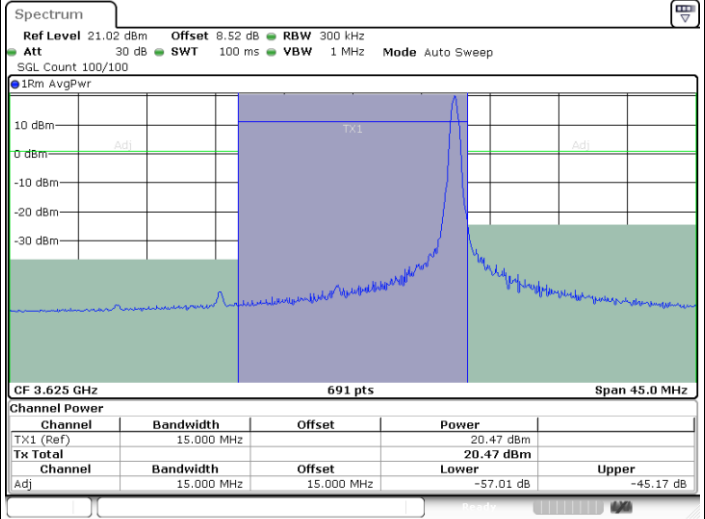
LTE Band 48 / 15MHz

64QAM

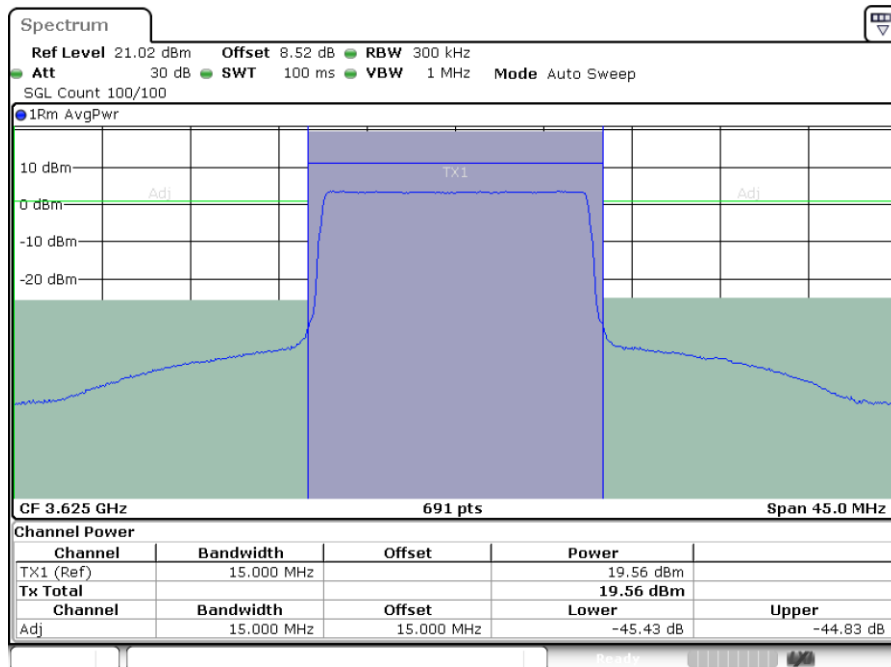
Middle Channel / 1RB0

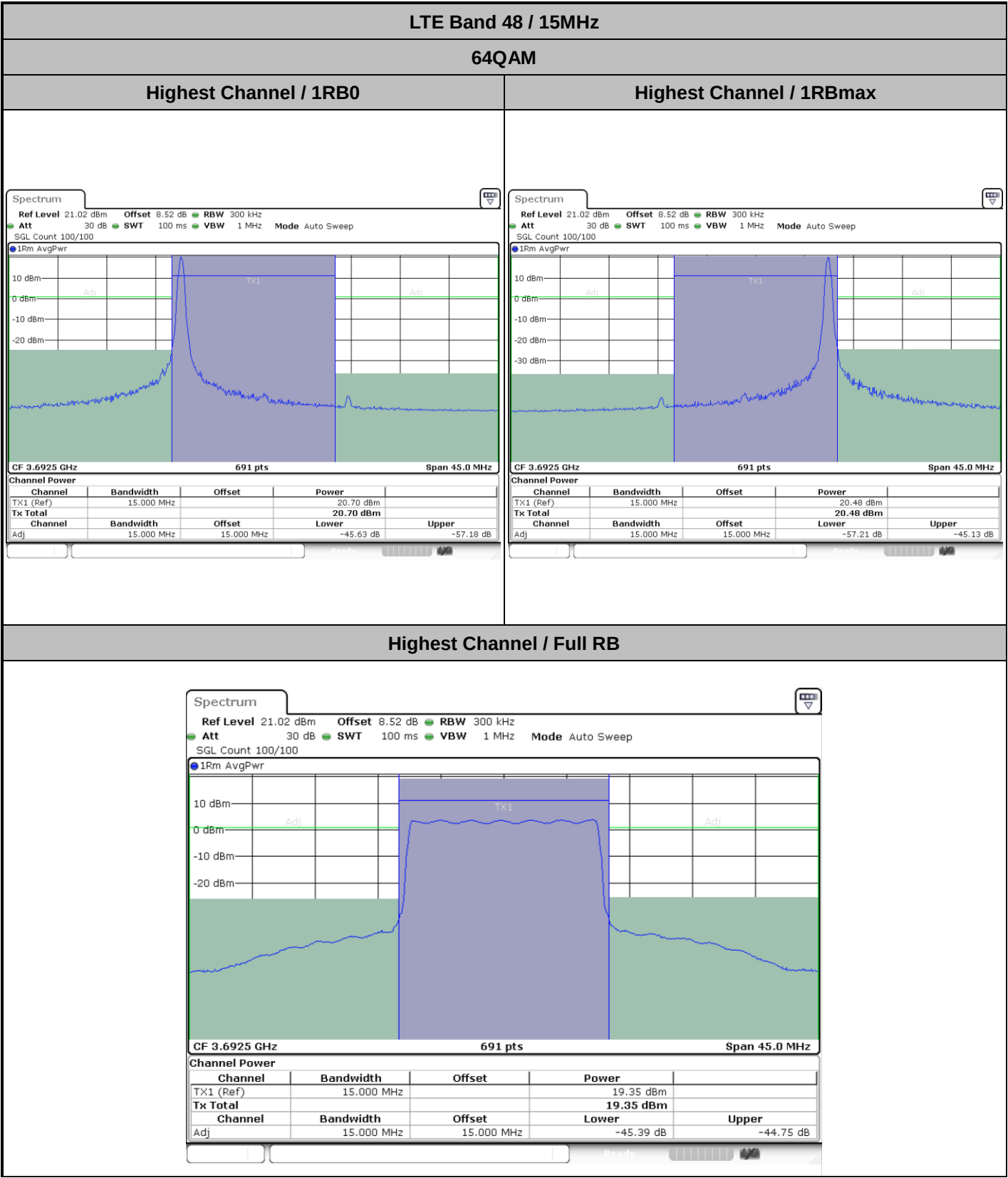


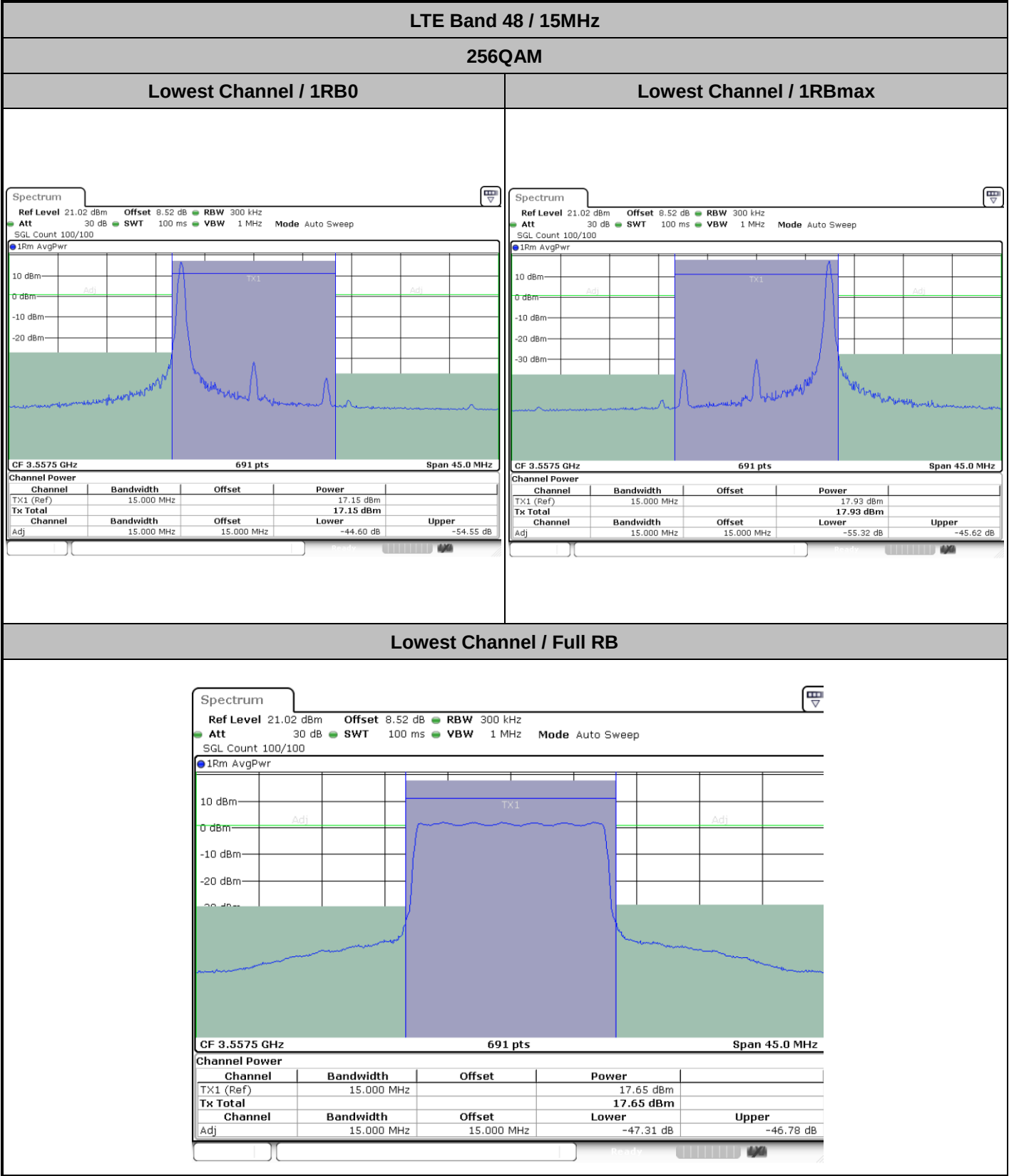
Middle Channel / 1RBmax

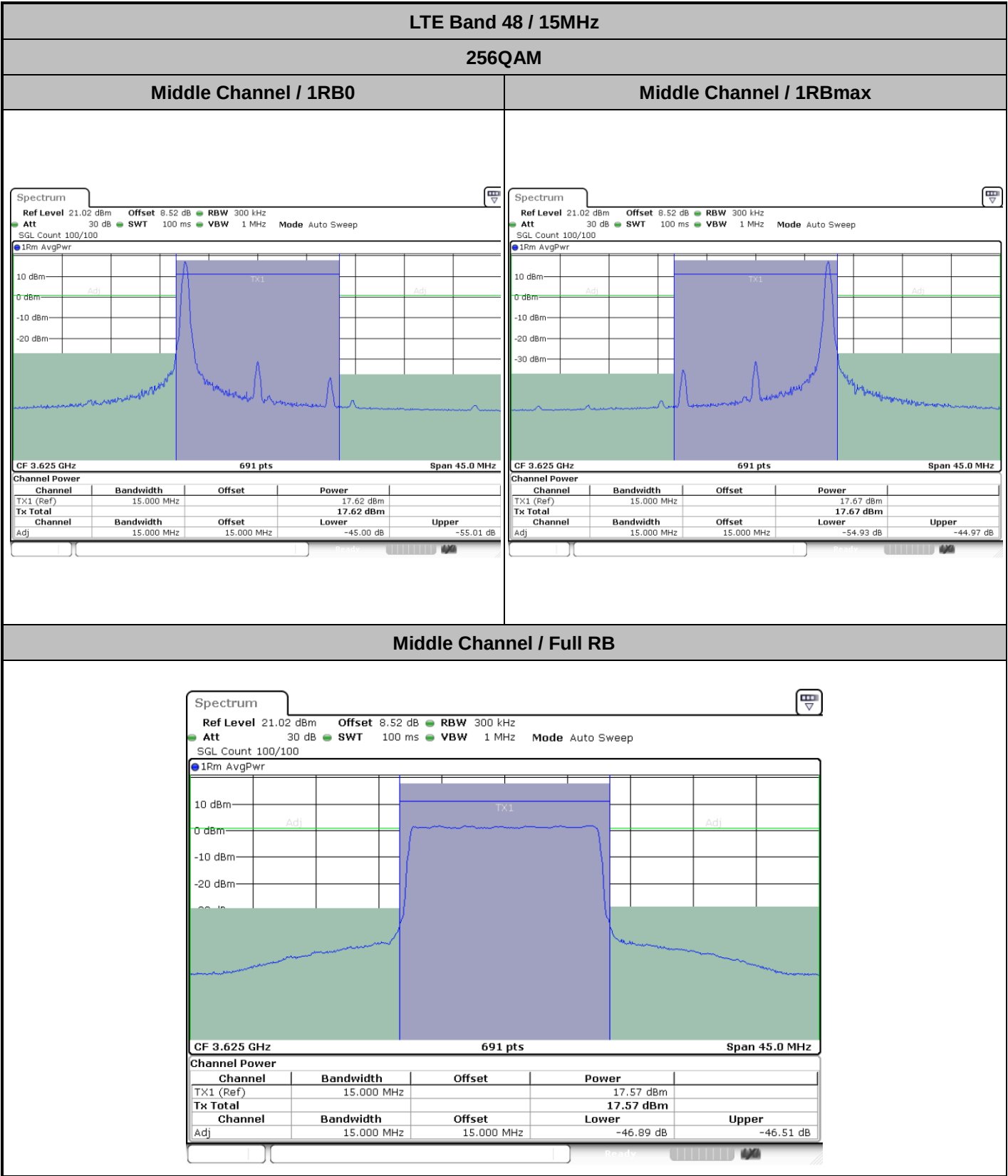


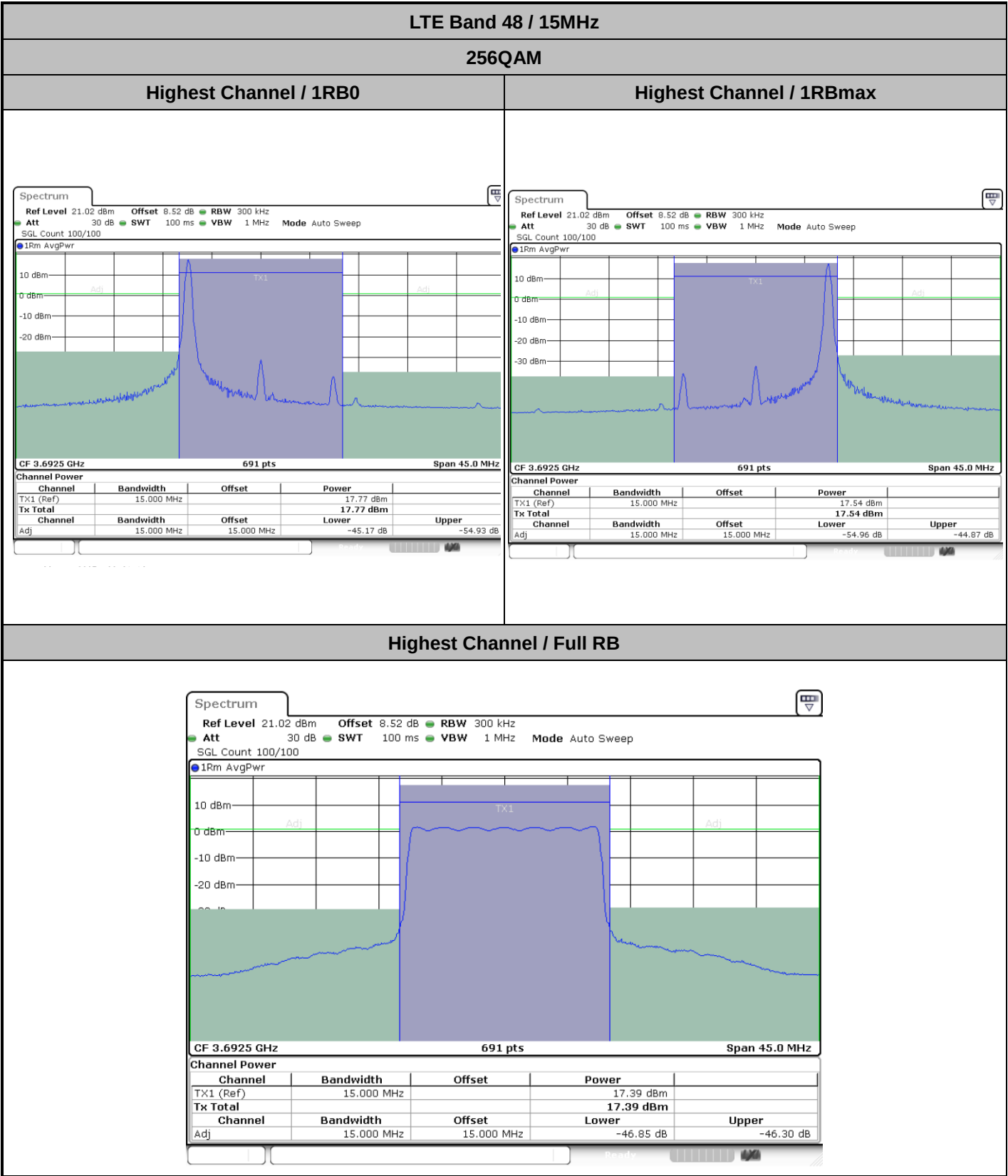
Middle Channel / Full RB











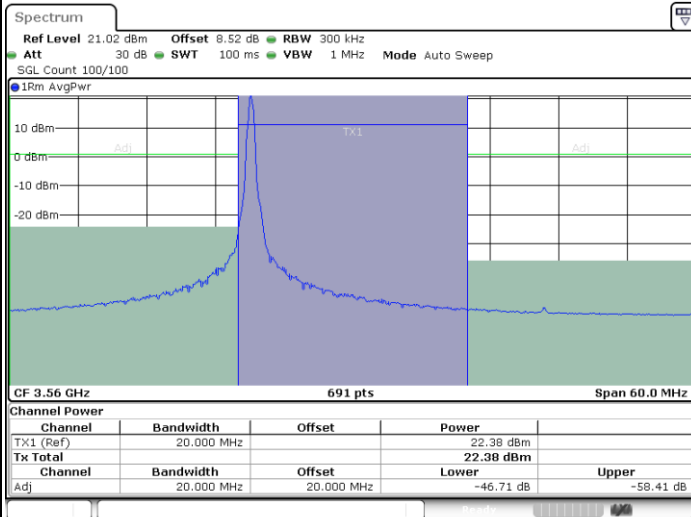
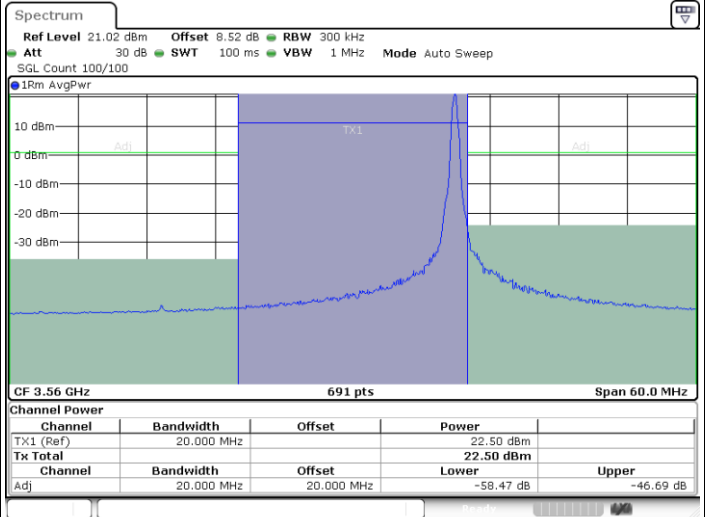


LTE Band 48 / 20MHz

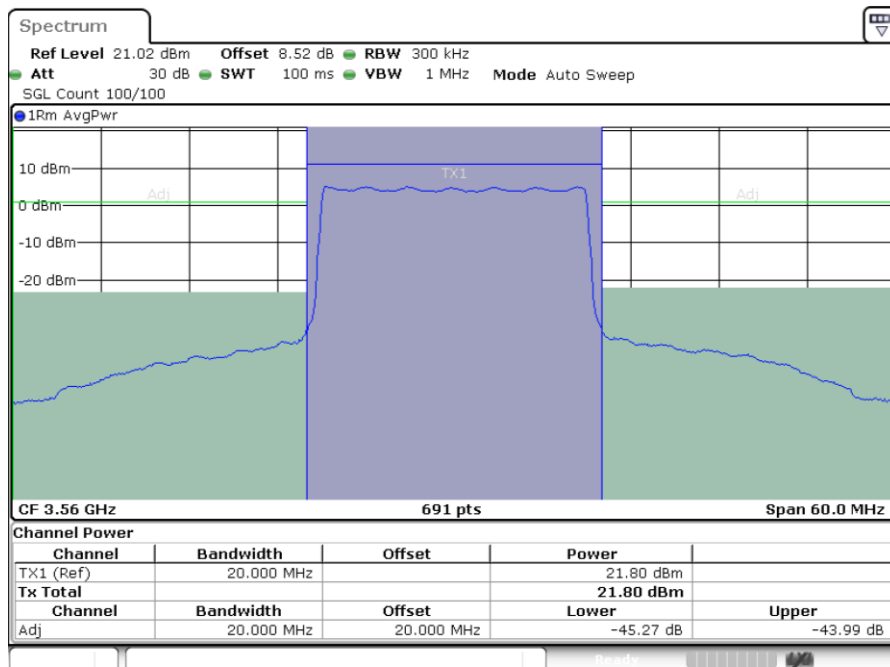
QPSK

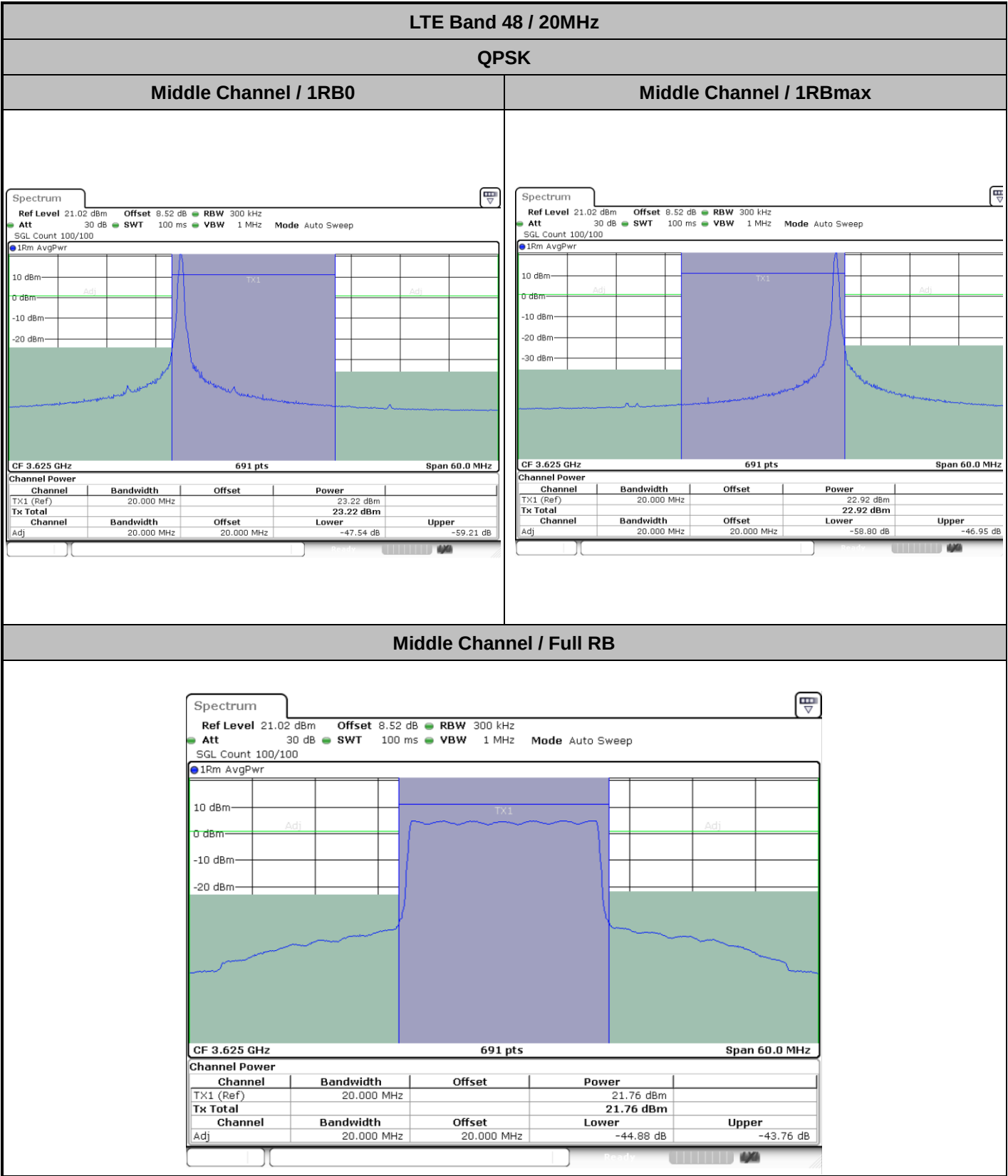
Lowest Channel / 1RB0

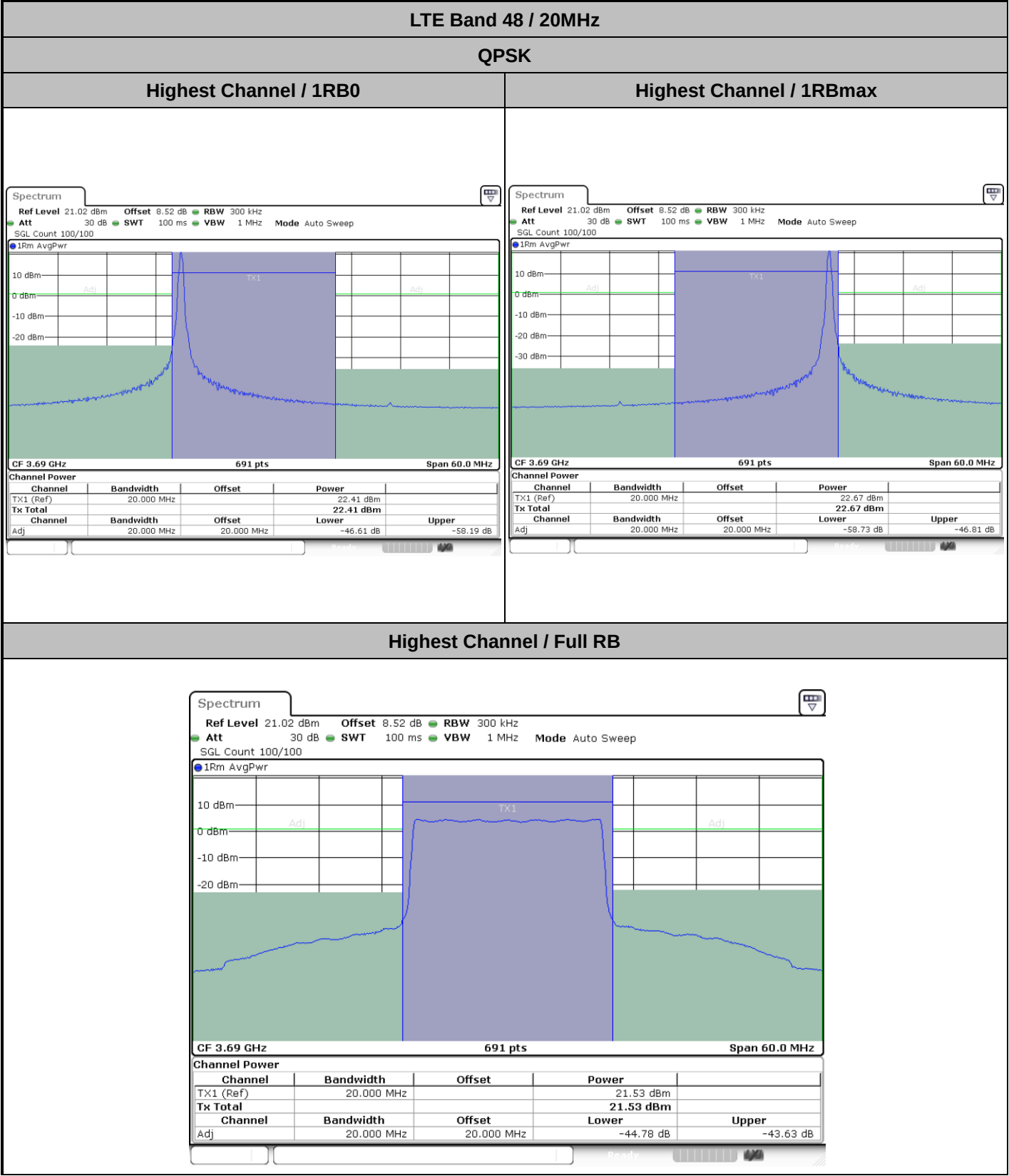
Lowest Channel / 1RBmax



Lowest Channel / Full RB







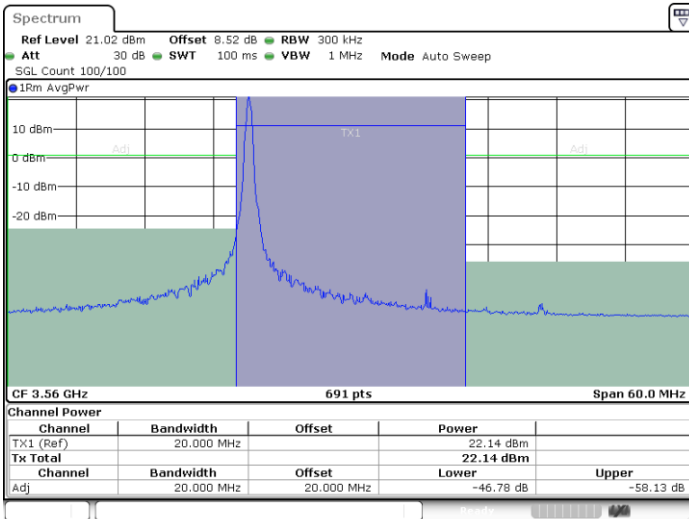
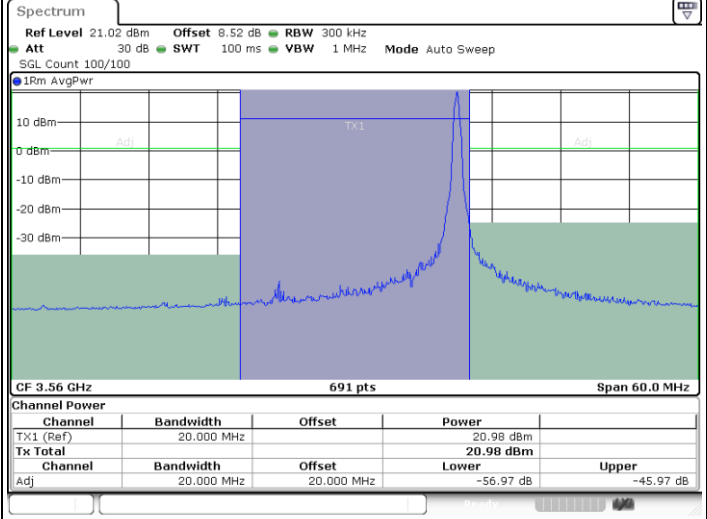


LTE Band 48 / 20MHz

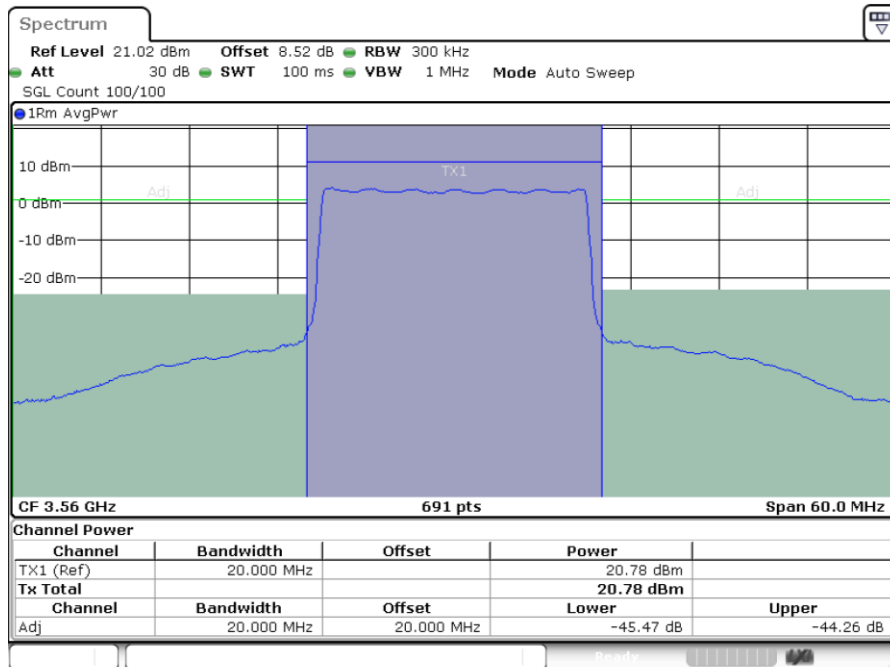
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Lowest Channel / Full RB

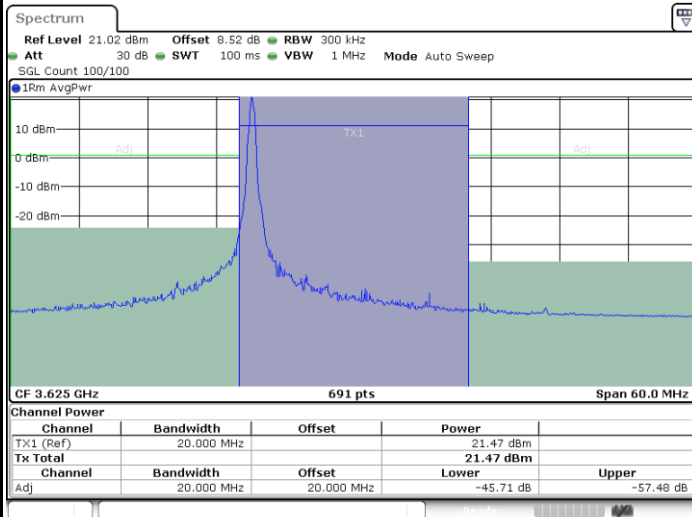




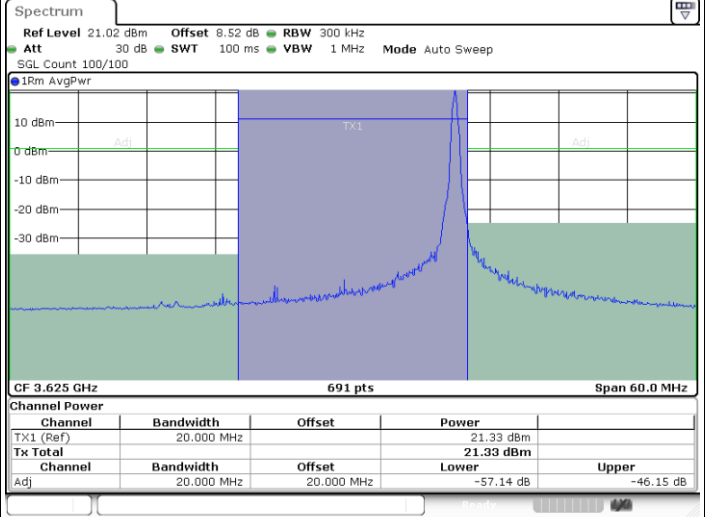
LTE Band 48 / 20MHz

16QAM

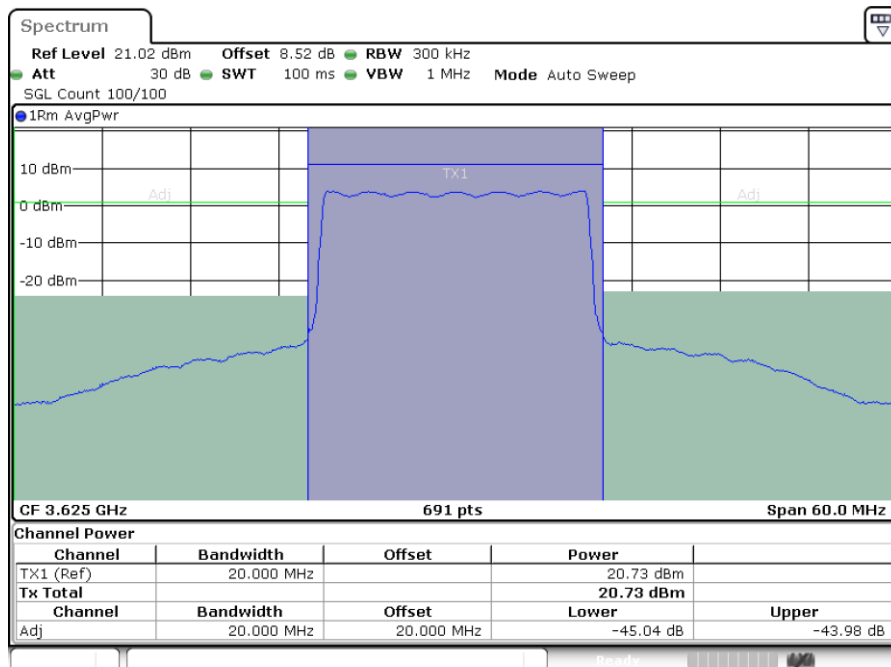
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / Full RB

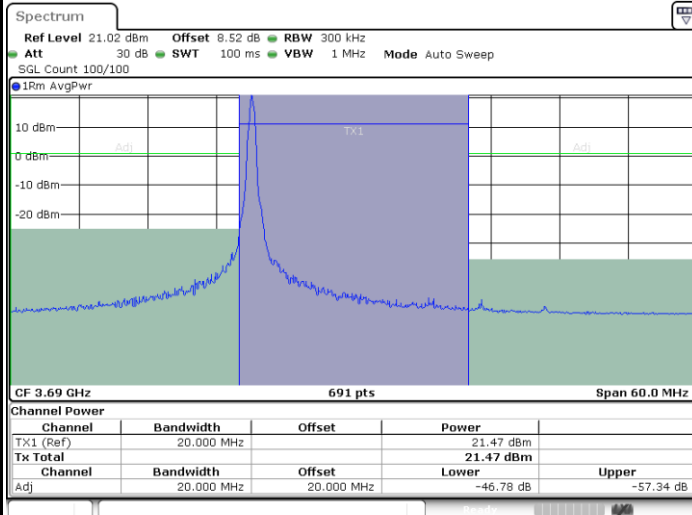




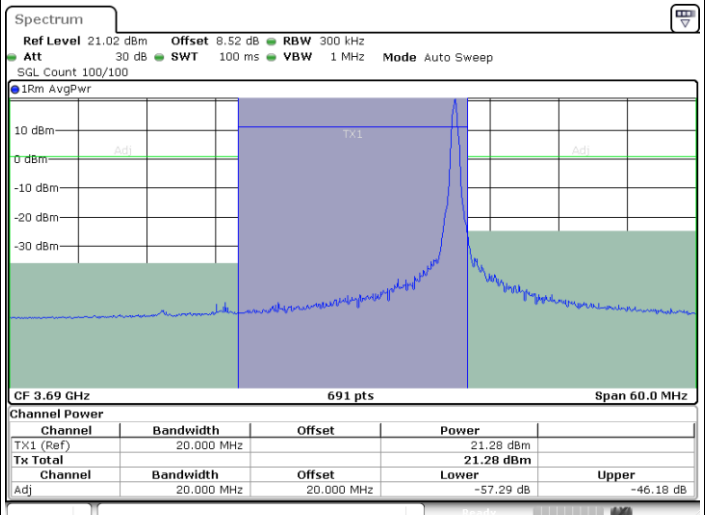
LTE Band 48 / 20MHz

16QAM

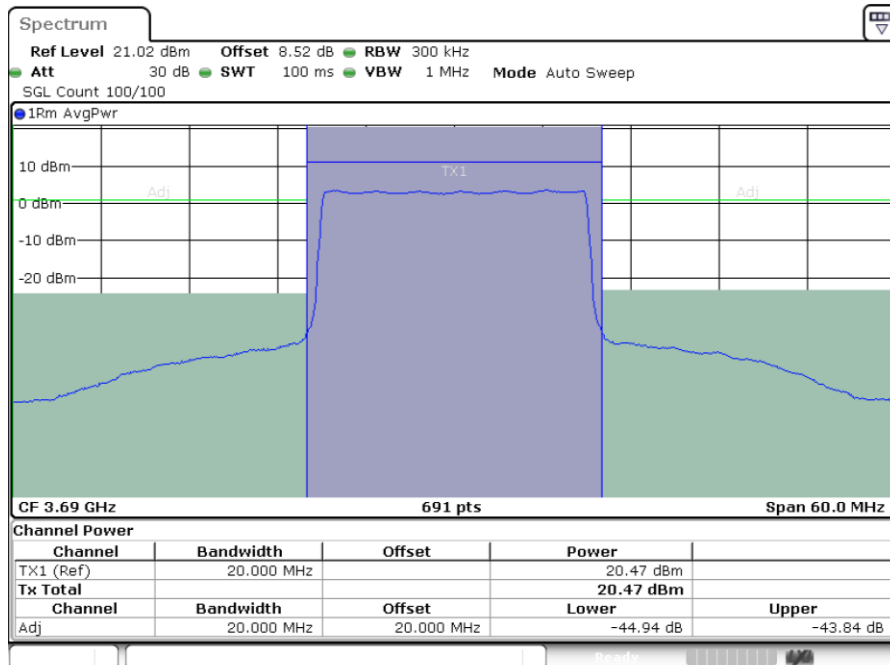
Highest Channel / 1RB0

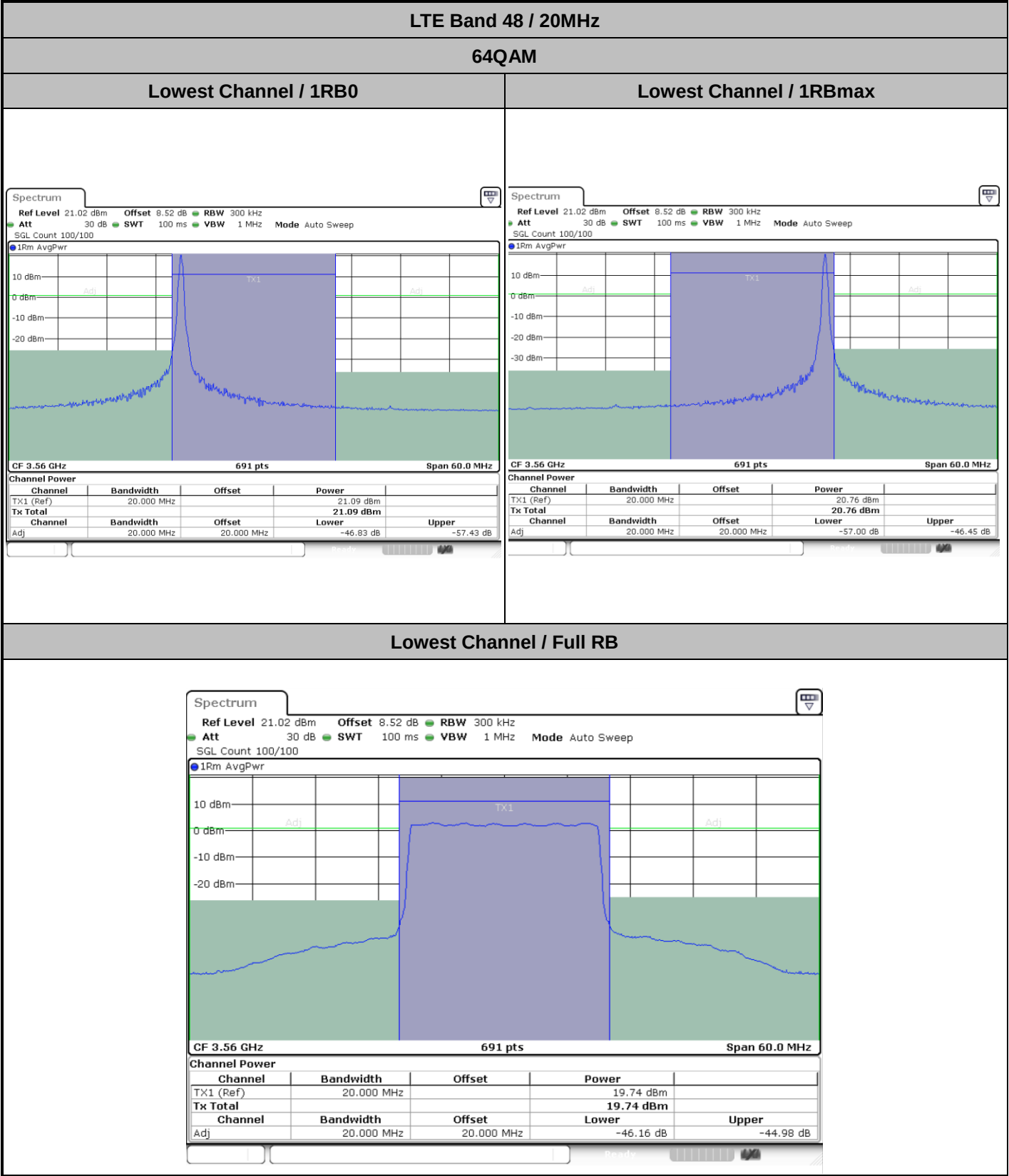


Highest Channel / 1RBmax



Highest Channel / Full RB



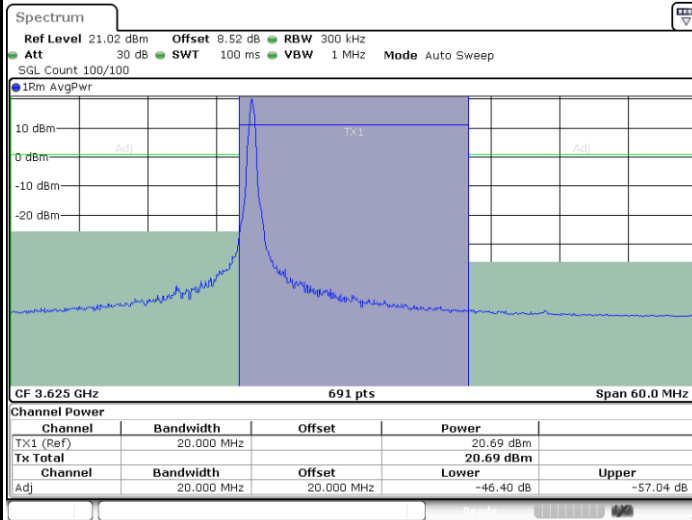




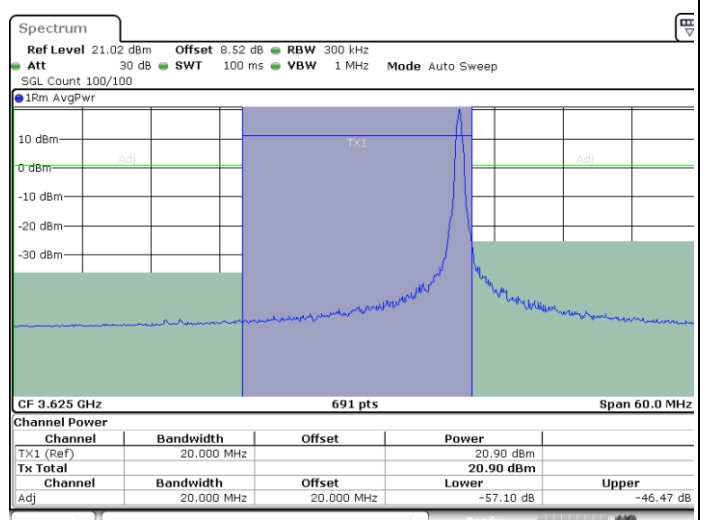
LTE Band 48 / 20MHz

64QAM

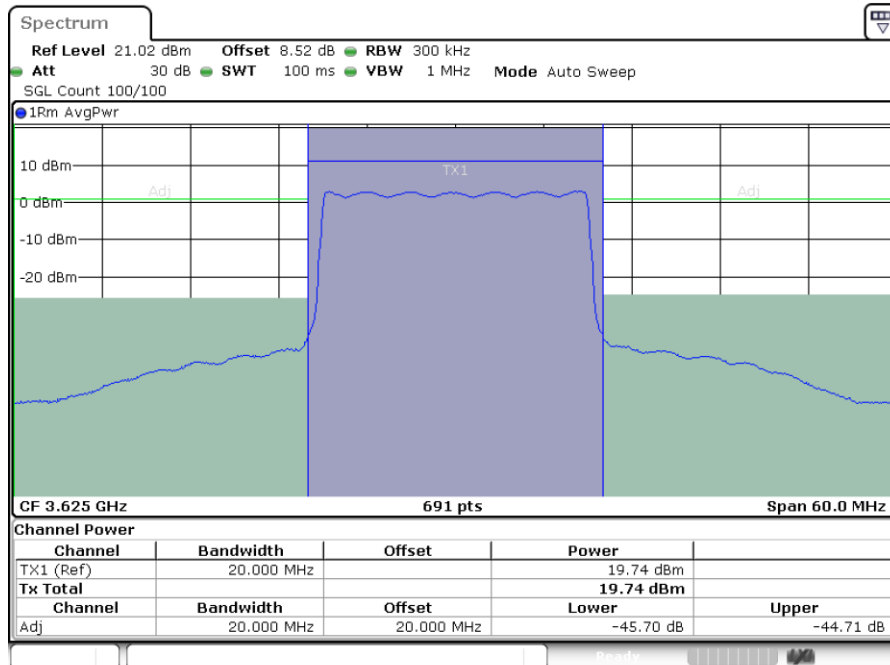
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / Full RB

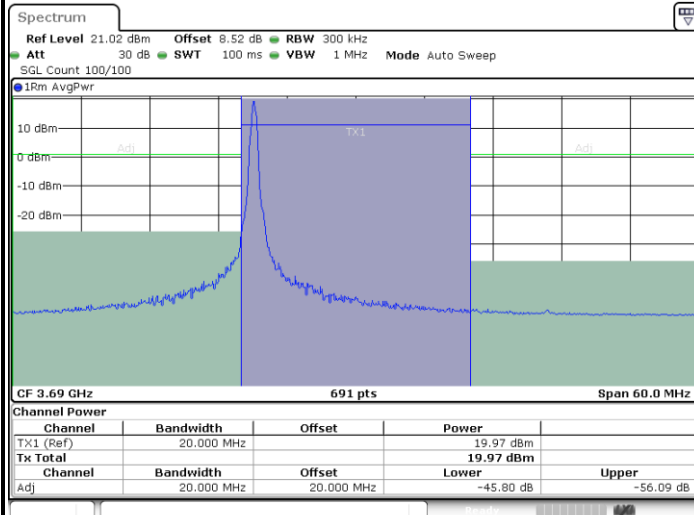




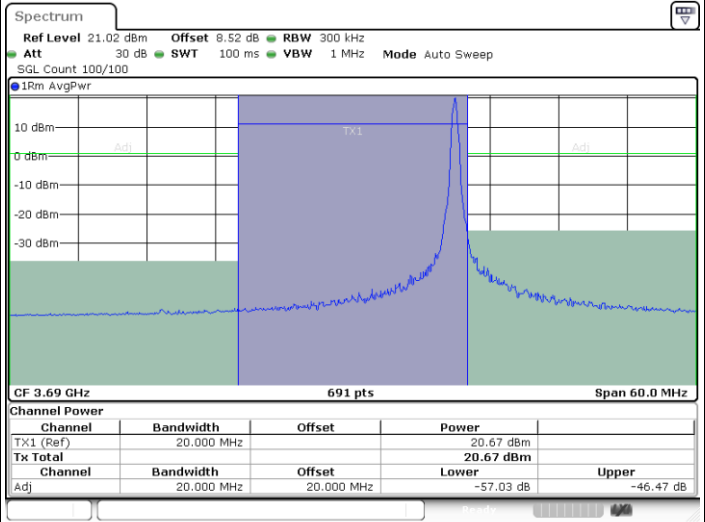
LTE Band 48 / 20MHz

64QAM

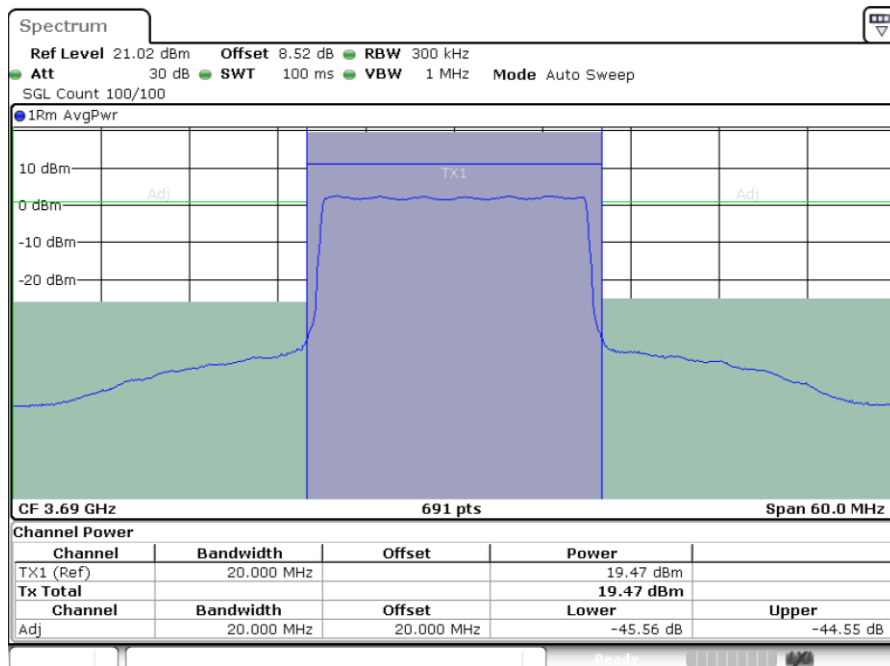
Highest Channel / 1RB0

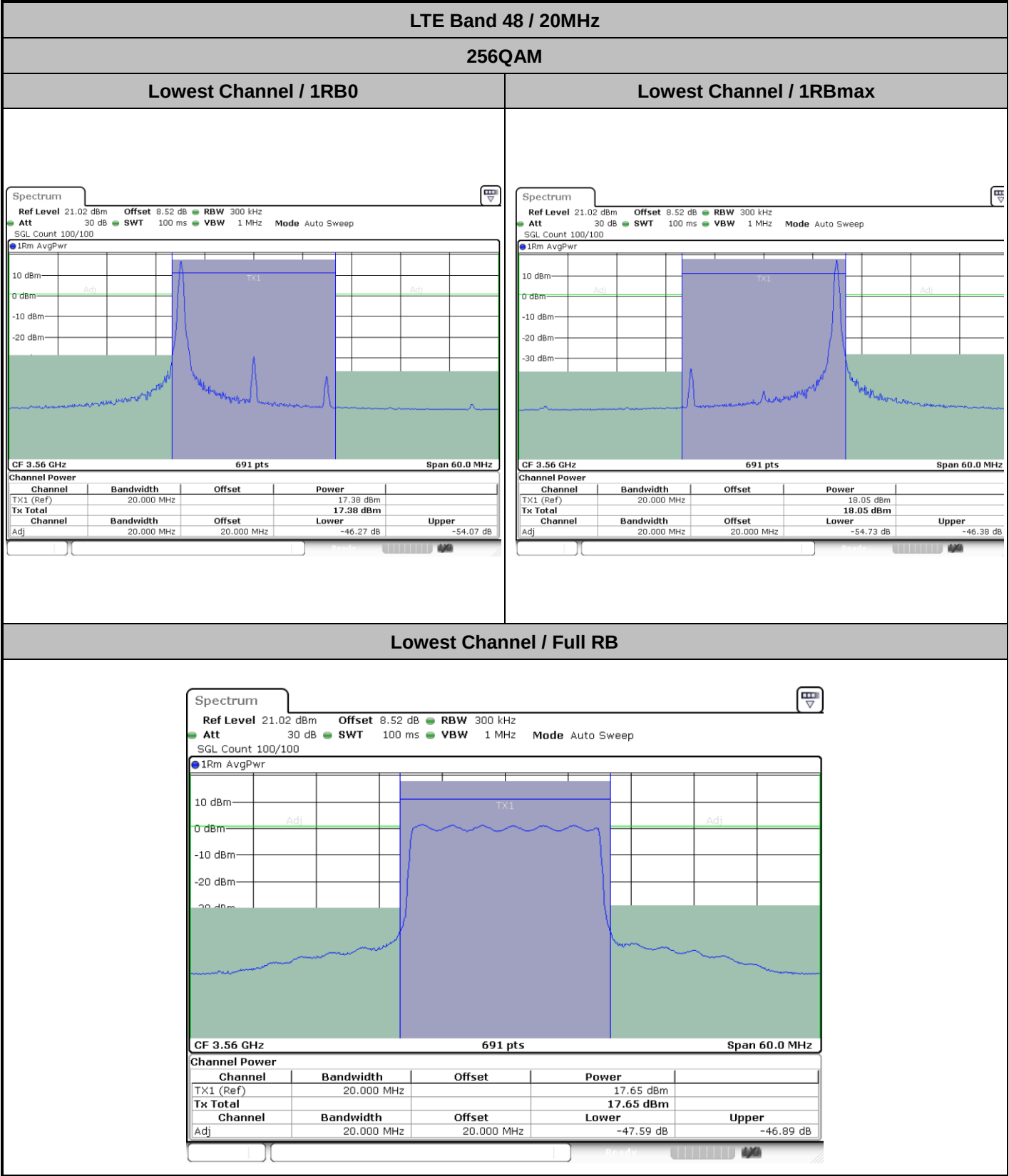


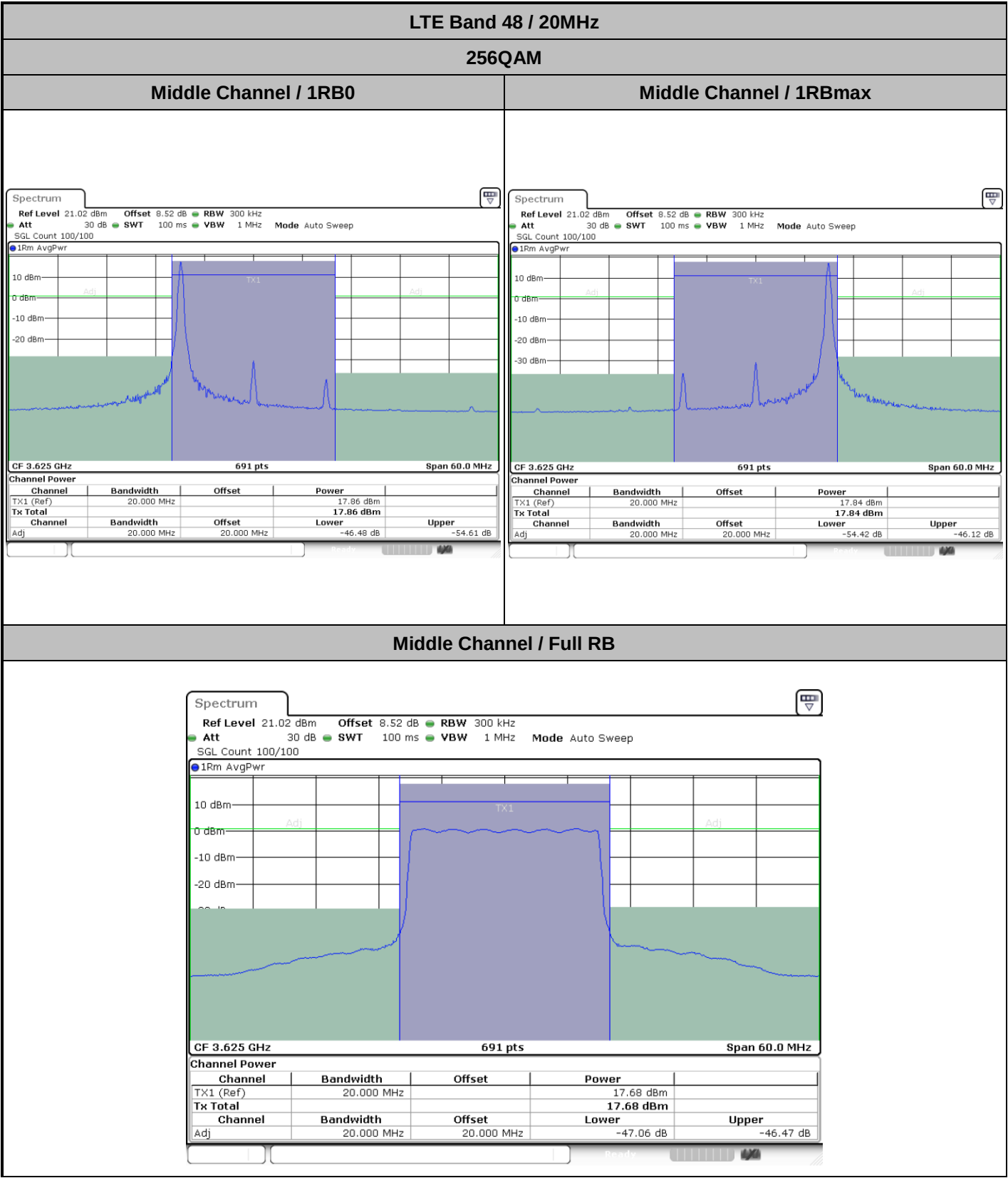
Highest Channel / 1RBmax



Highest Channel / Full RB







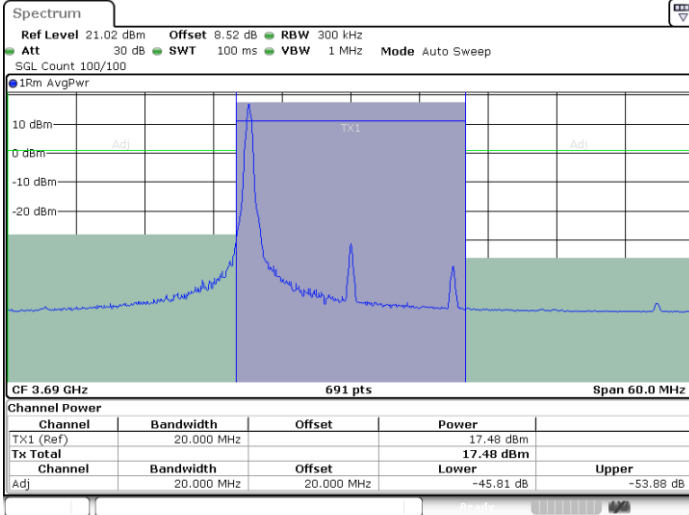
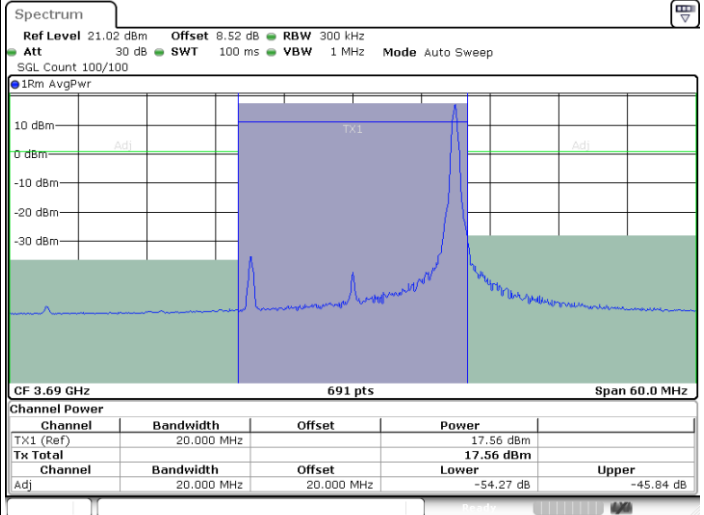


LTE Band 48 / 20MHz

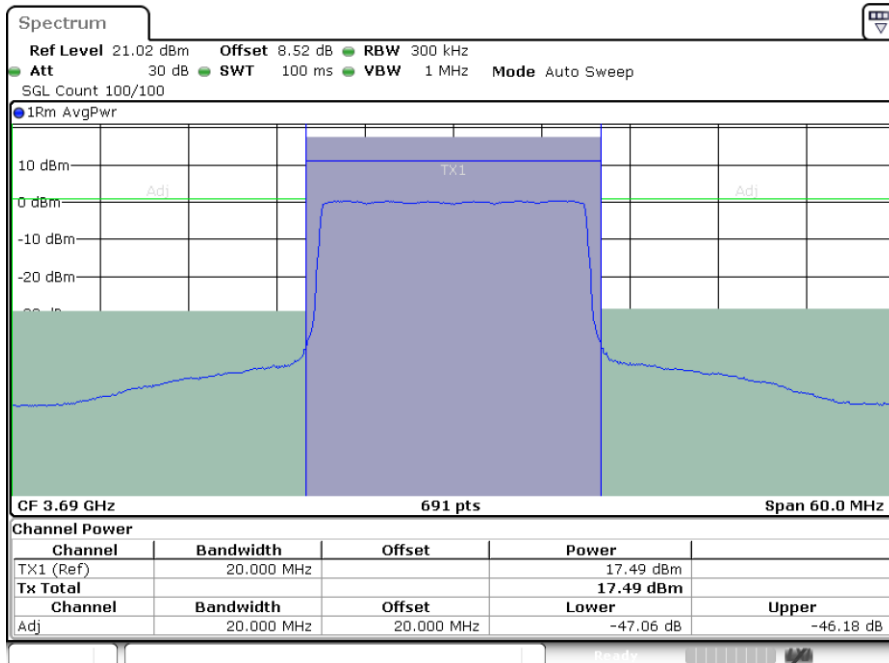
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

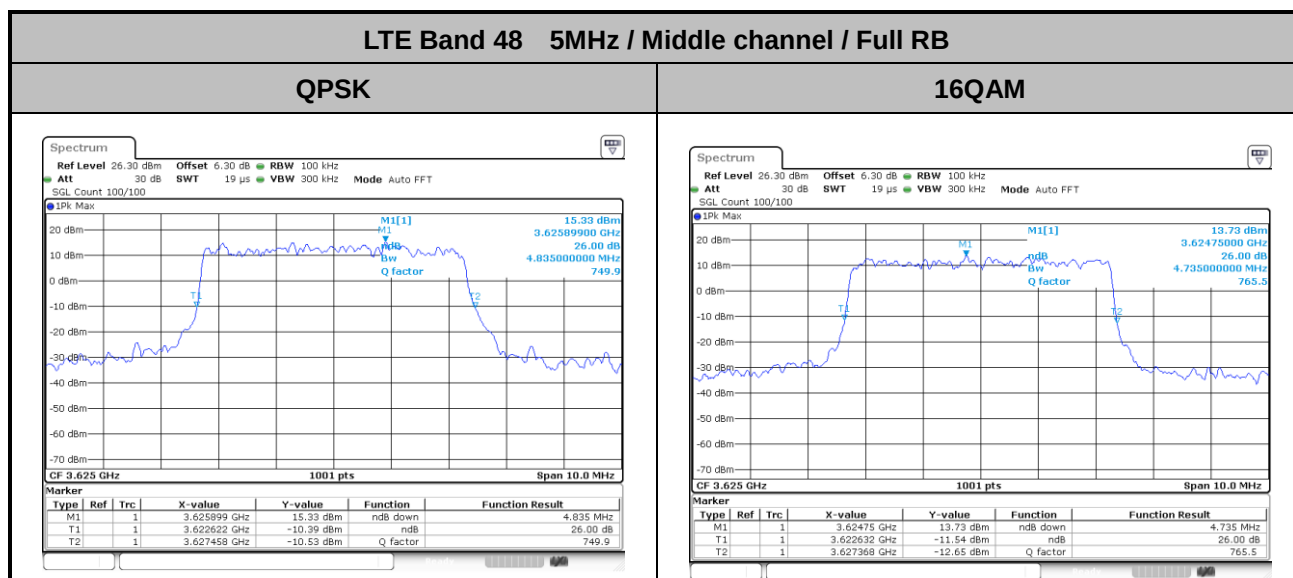


Highest Channel / Full RB



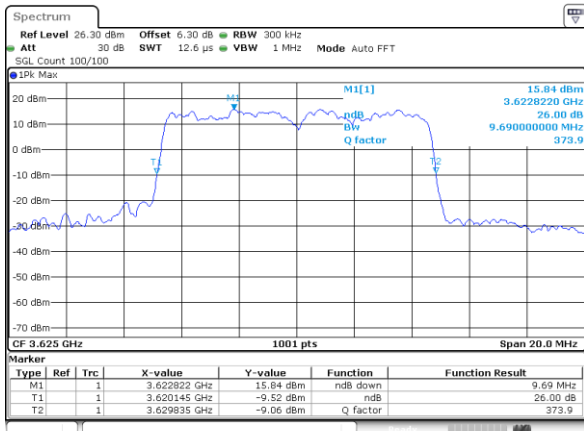
26dB Bandwidth

Mode	LTE Band 48 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.84	4.74
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.69	9.75
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.21	14.30
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.22	18.90

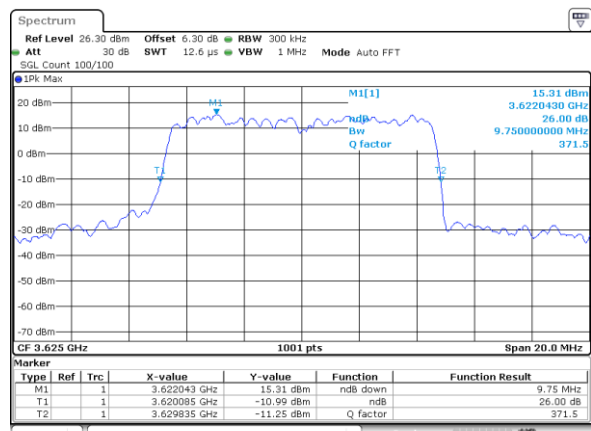


LTE Band 48 10MHz / Middle channel / Full RB

QPSK

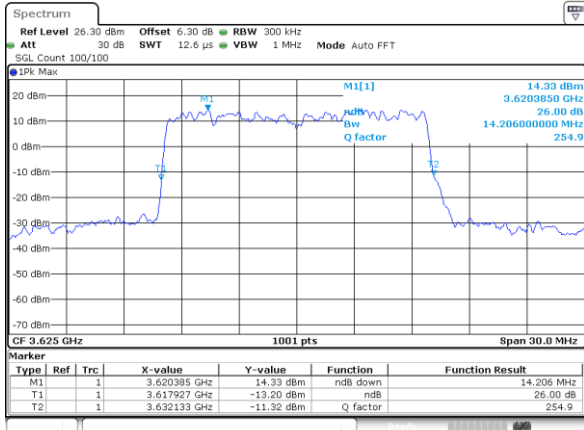


16QAM

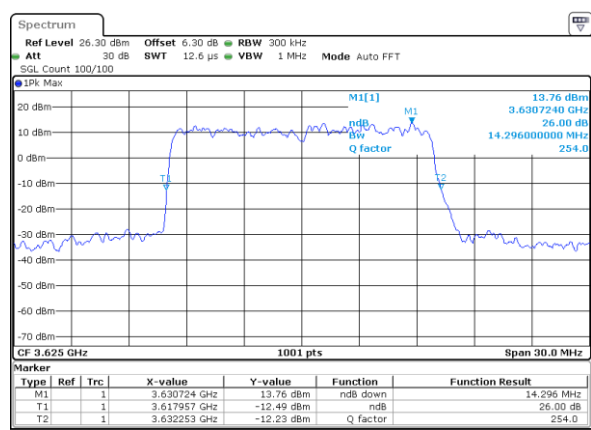


LTE Band 48 15MHz / Middle channel / Full RB

QPSK

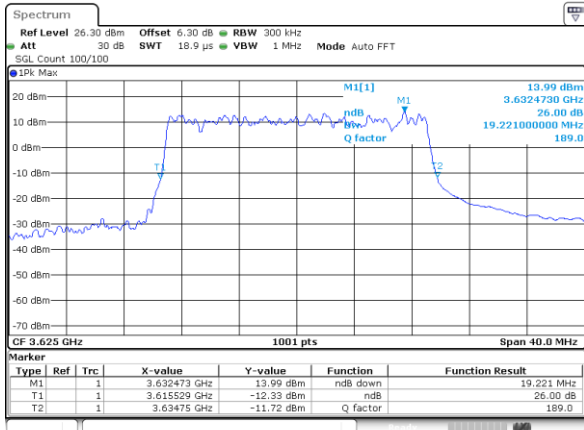


16QAM

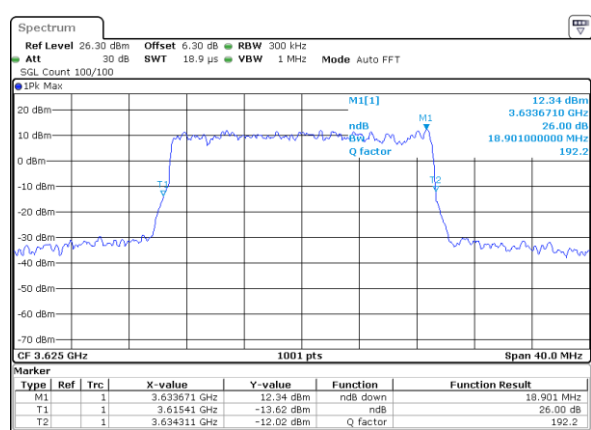


LTE Band 48 20MHz / Middle channel / Full RB

QPSK

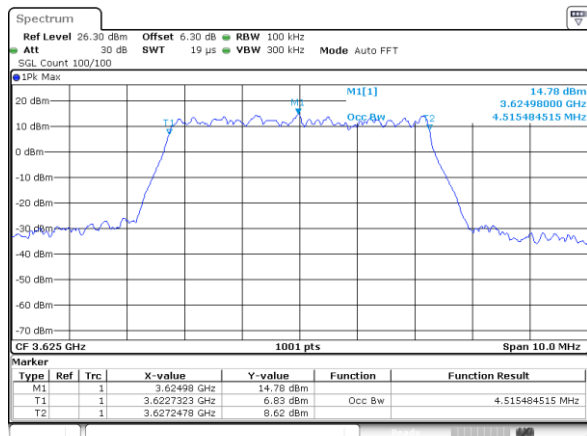
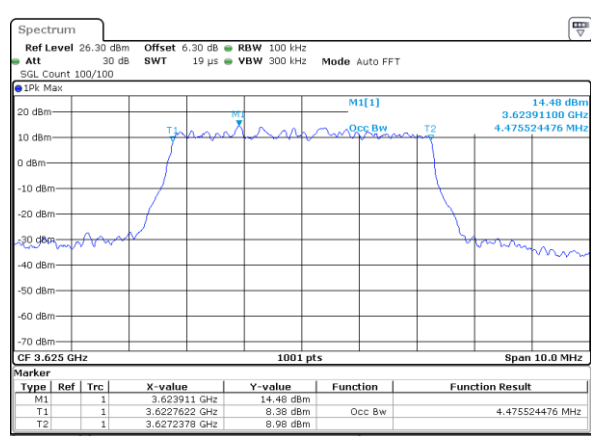


16QAM



**Occupied Bandwidth**

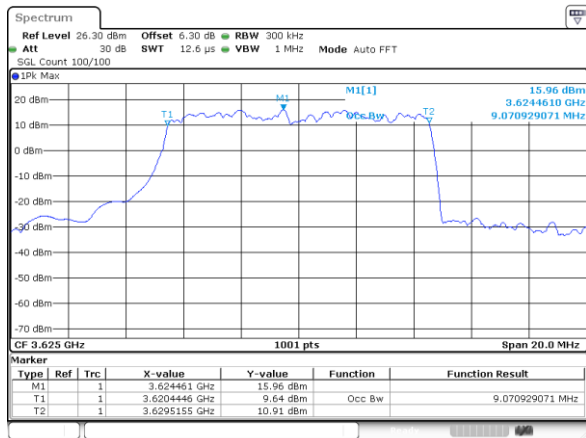
Mode	LTE Band 48 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPAK	16QAM
Middle CH	4.52	4.48
BW	10MHz	
Mod.	QPAK	16QAM
Middle CH	9.07	9.05
BW	15MHz	
Mod.	QPAK	16QAM
Middle CH	13.55	13.46
BW	20MHz	
Mod.	QPAK	16QAM
Middle CH	17.86	17.98

LTE Band 48 5MHz / Middle Channel / Full RB**QPSK****16QAM**

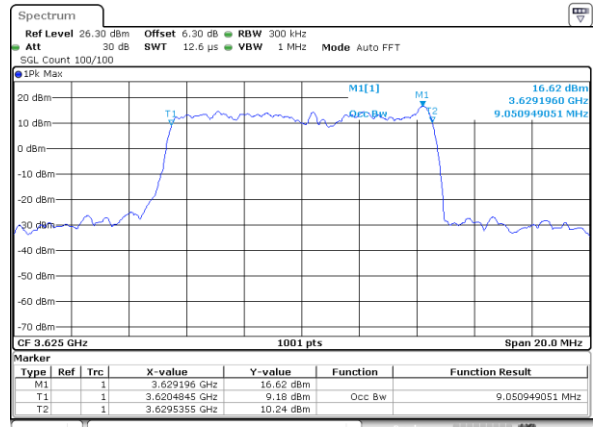


LTE Band 48 10MHz / Middle Channel / Full RB

QPSK

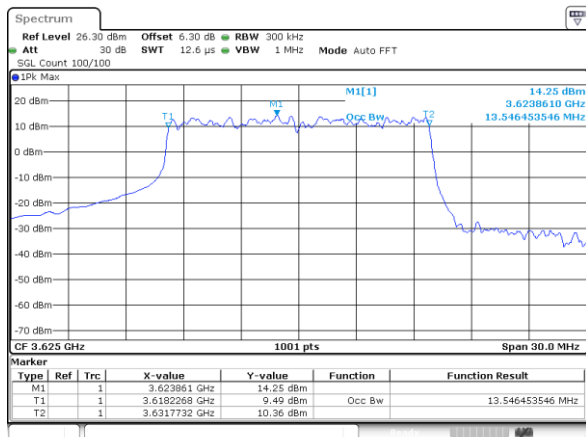


16QAM

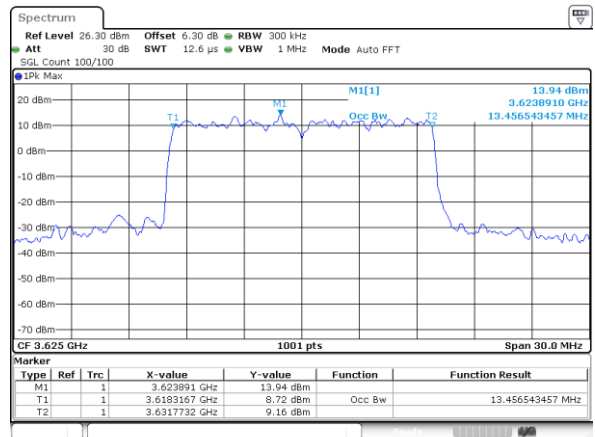


LTE Band 48 15MHz / Middle Channel / Full RB

QPSK

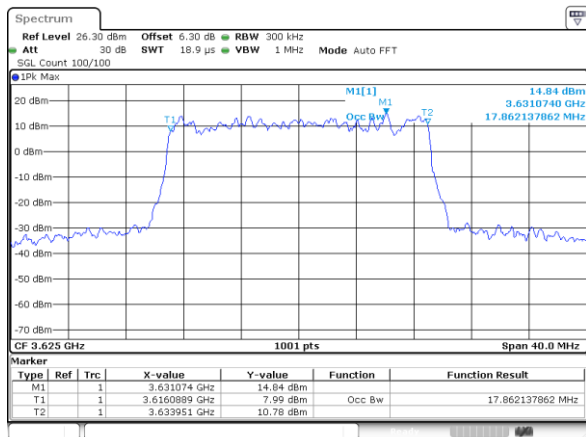


16QAM

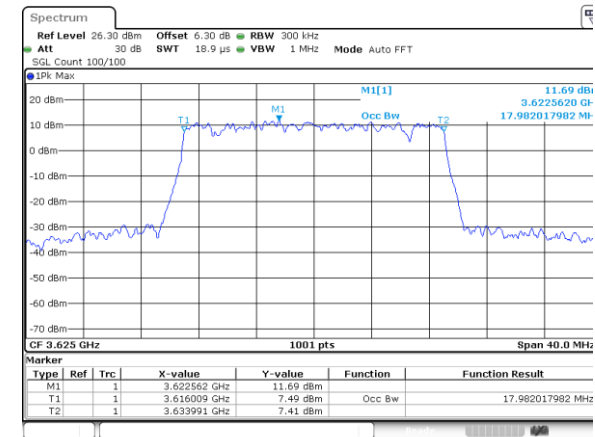


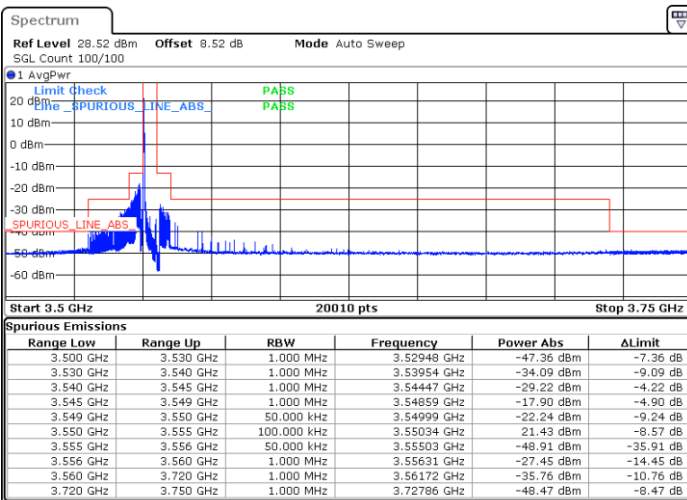
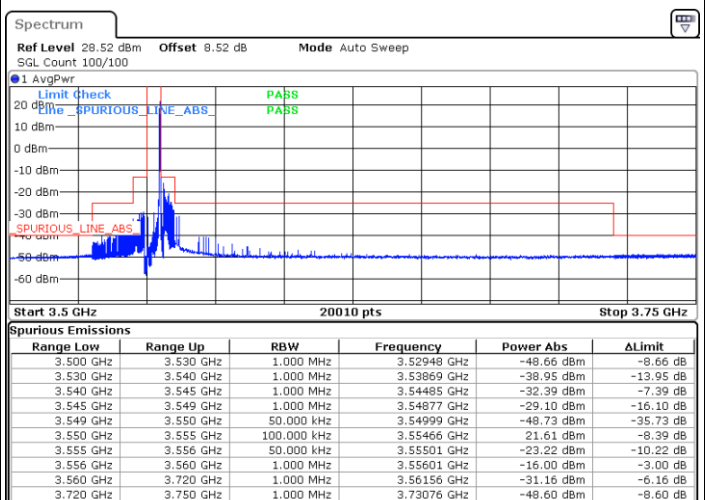
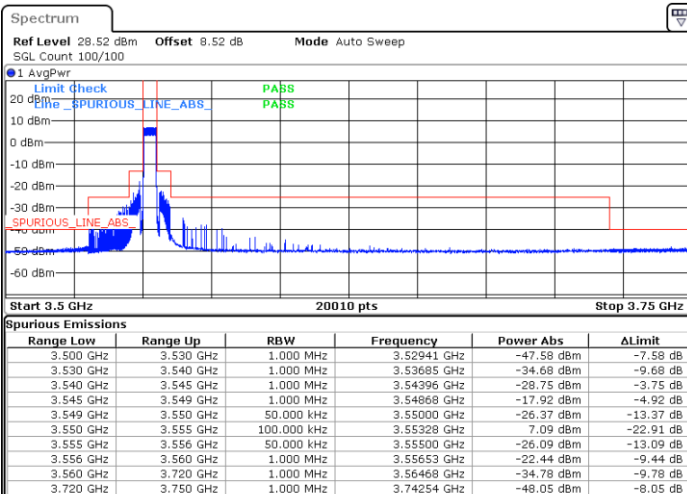
LTE Band 48 20MHz / Middle Channel / Full RB

QPSK



16QAM



**Conducted Band Edge****LTE Band 48 / 5MHz****QPSK****Lowest Channel / 1RB0****Lowest Channel / 1RBmax****Lowest Channel / Full RB****N/A**

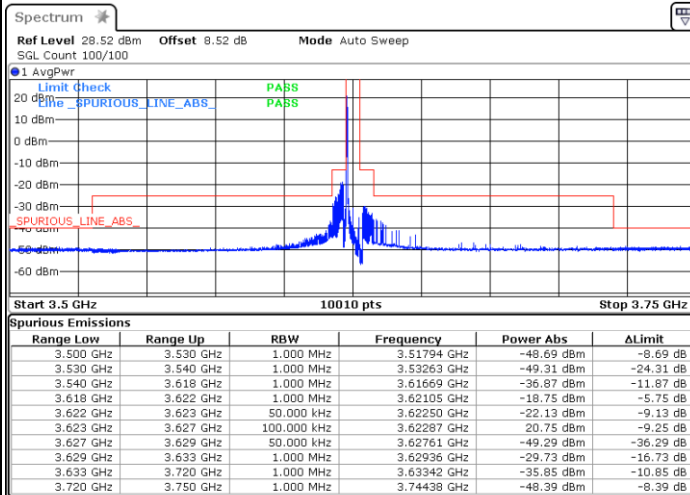
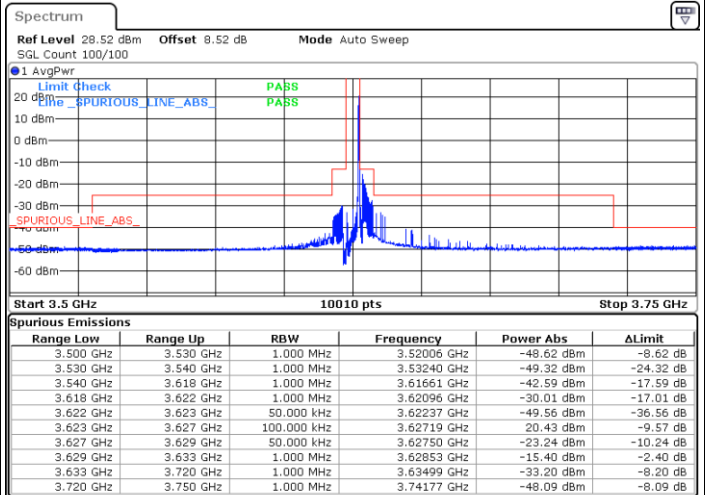


LTE Band 48 / 5MHz

QPSK

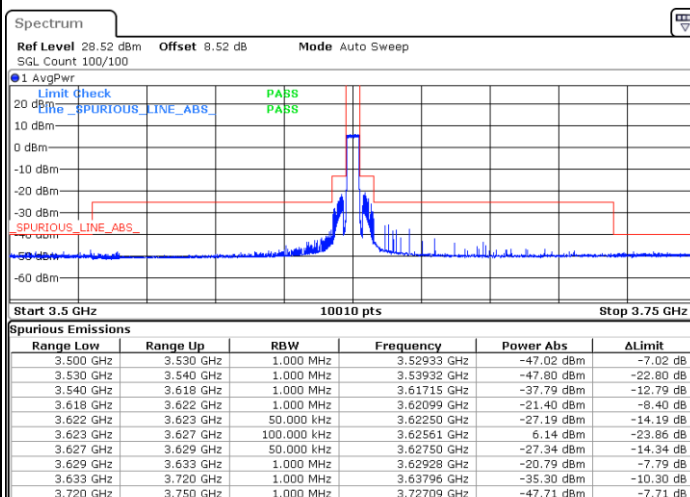
Middle Channel / 1RB0

Middle Channel / 1RBmax



Middle Channel / Full

N/A



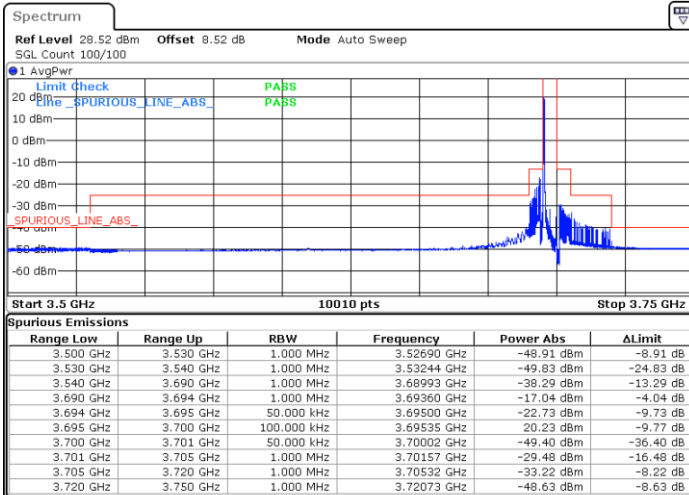
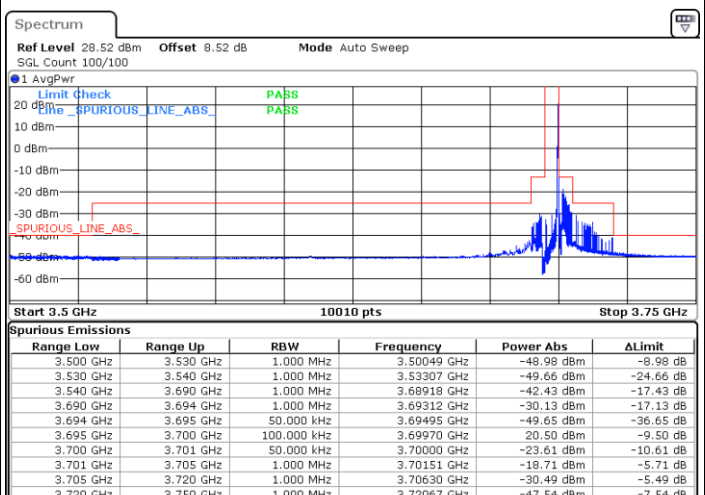


LTE Band 48 / 5MHz

QPSK

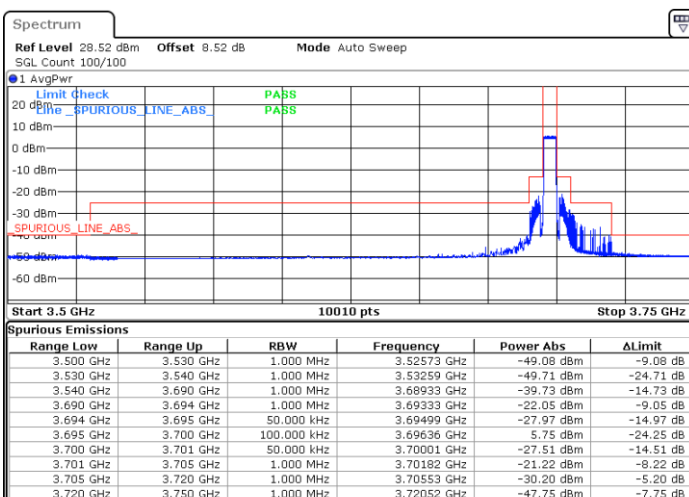
Highest Channel / 1RB0

Highest Channel / 1RBmax



Highest Channel / Full RB

N/A



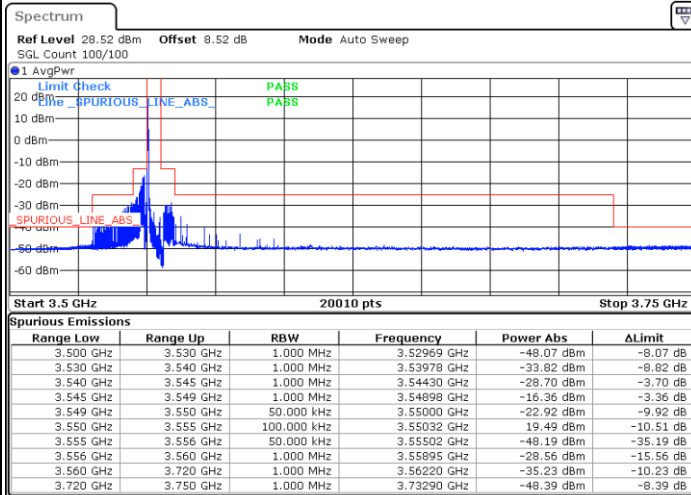
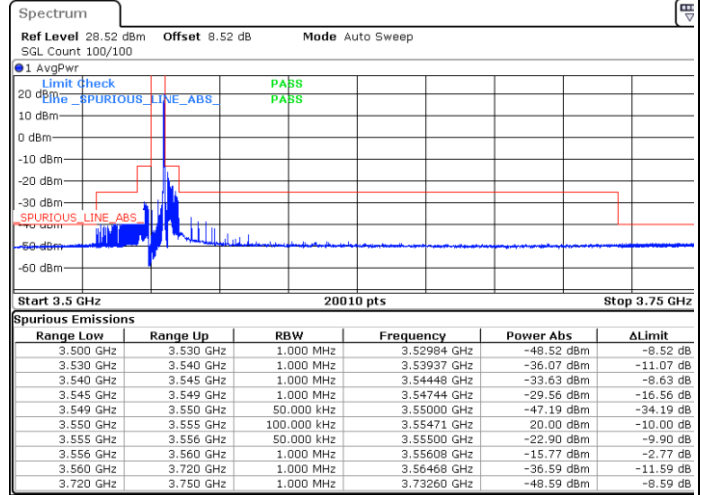


LTE Band 48 / 5MHz

16QAM

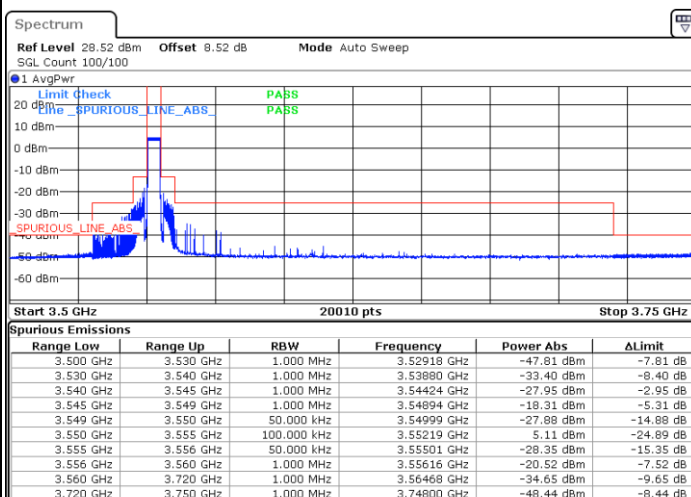
Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Lowest Channel / Full RB

N/A

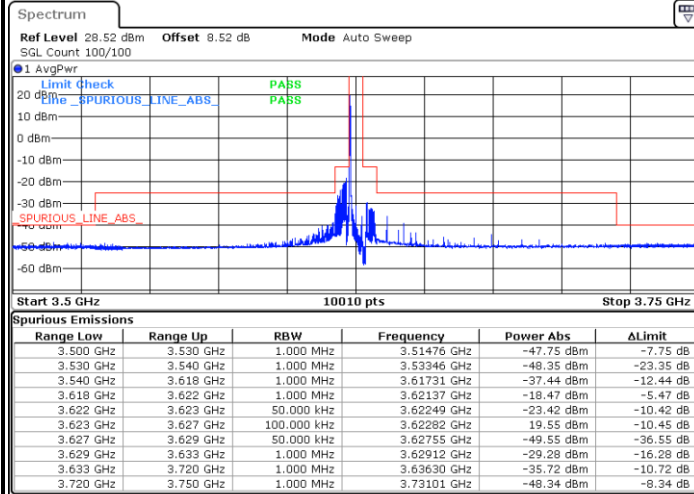




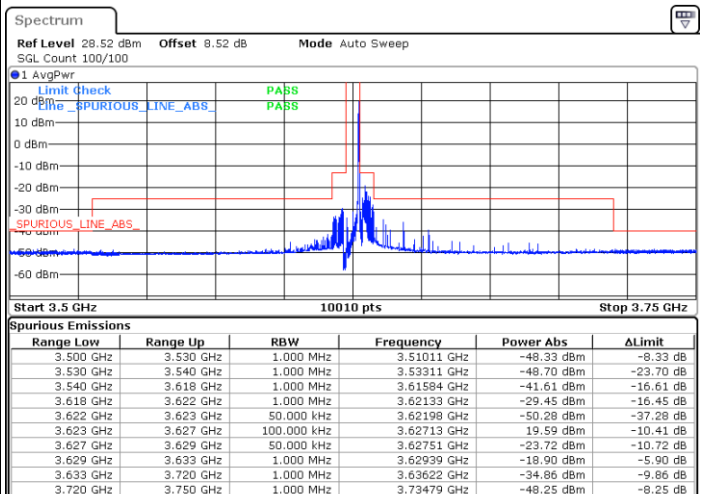
LTE Band 48 / 5MHz

16QAM

Middle Channel / 1RB0

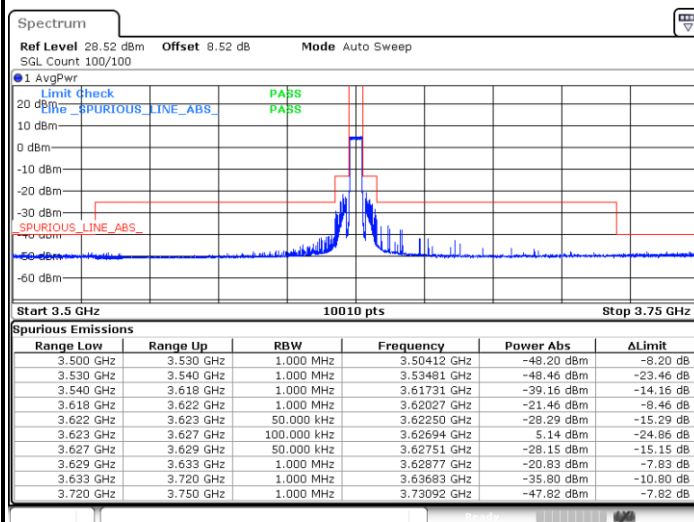


Middle Channel / 1RBmax



Middle Channel / Full

N/A



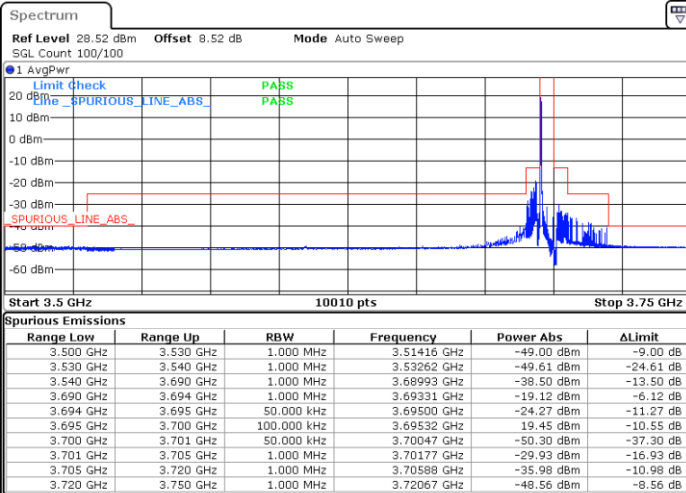
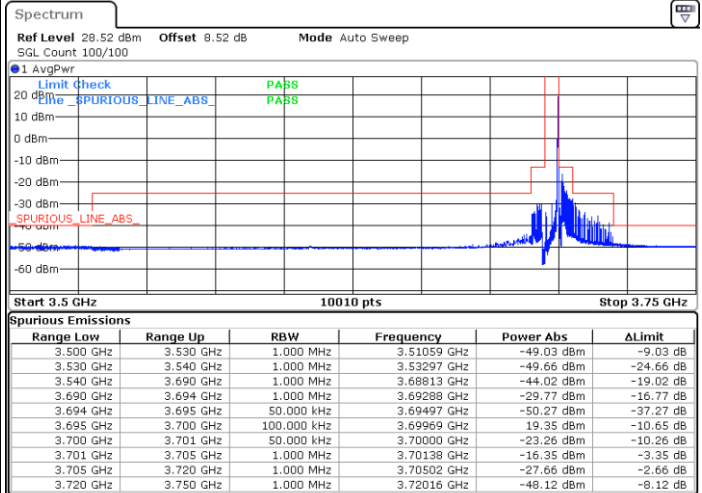


LTE Band 48 / 5MHz

16QAM

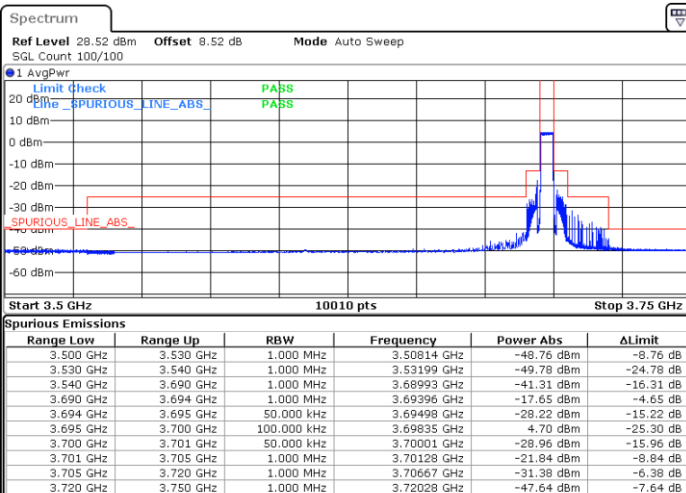
Highest Channel / 1RB0

Highest Channel / 1RBmax



Highest Channel / Full RB

N/A



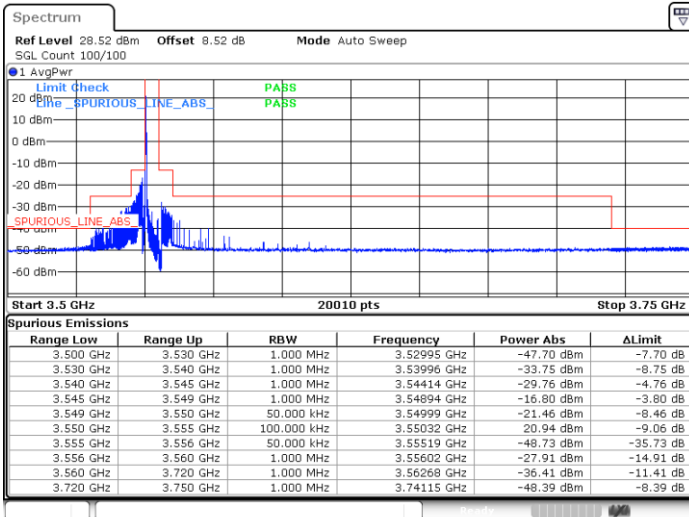
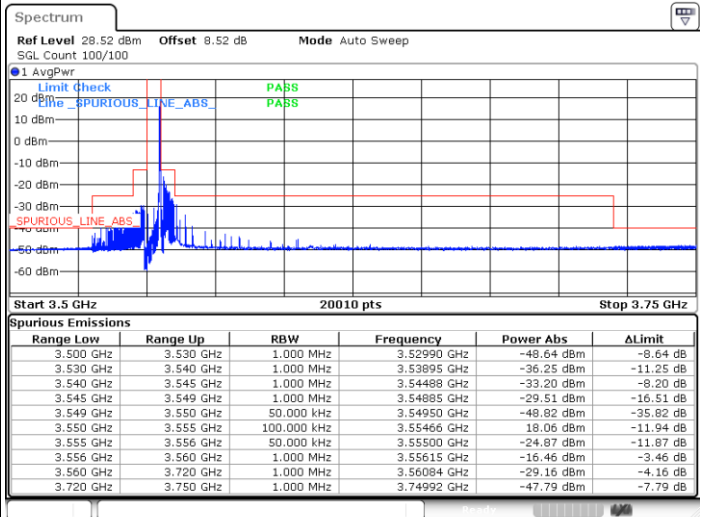


LTE Band 48 / 5MHz

64QAM

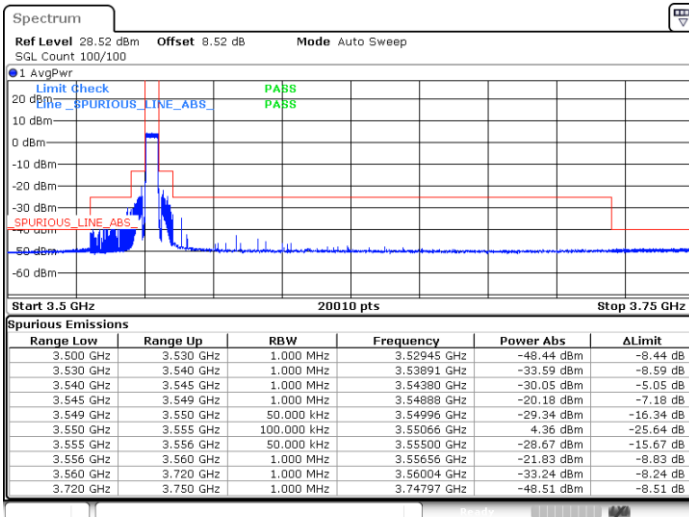
Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Lowest Channel / Full RB

N/A



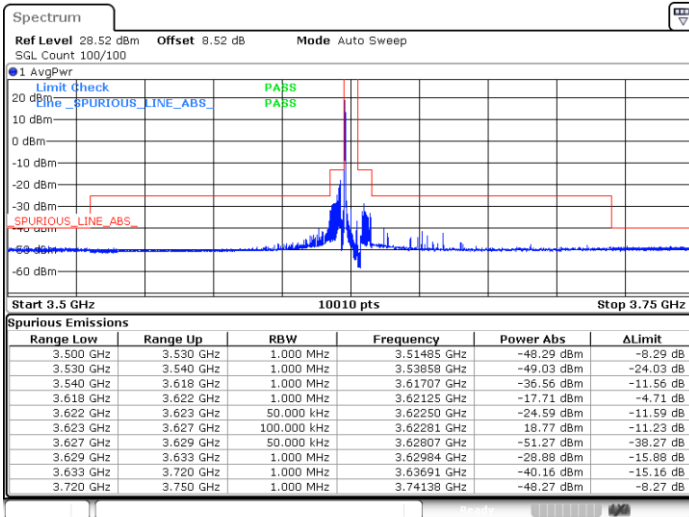
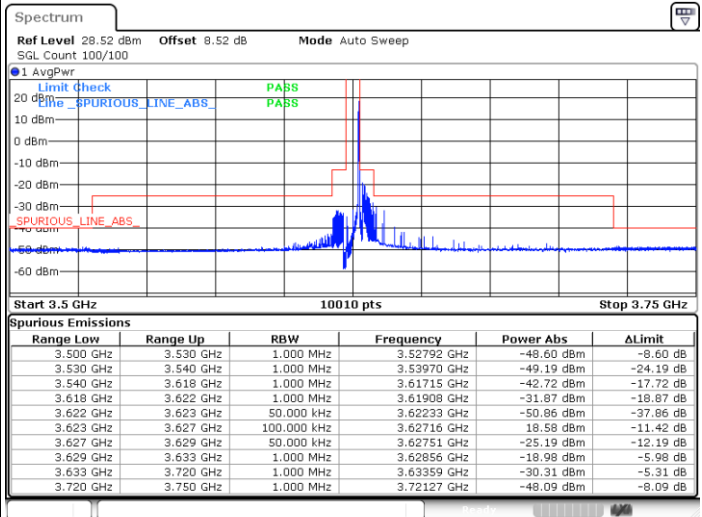


LTE Band 48 / 5MHz

64QAM

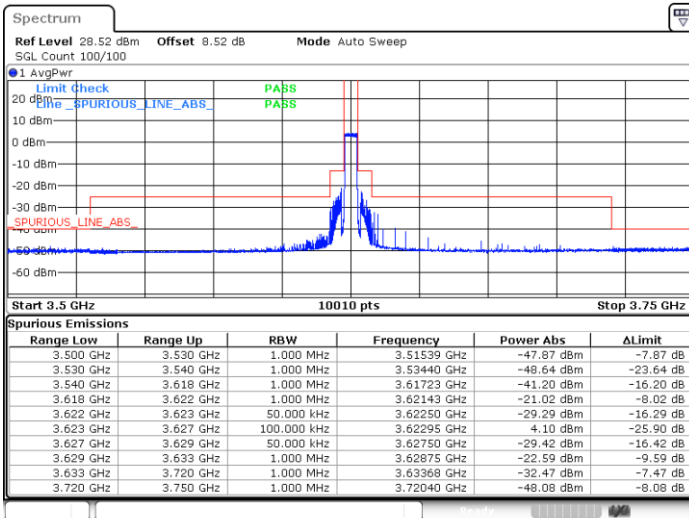
Middle Channel / 1RB0

Middle Channel / 1RBmax



Middle Channel / Full

N/A



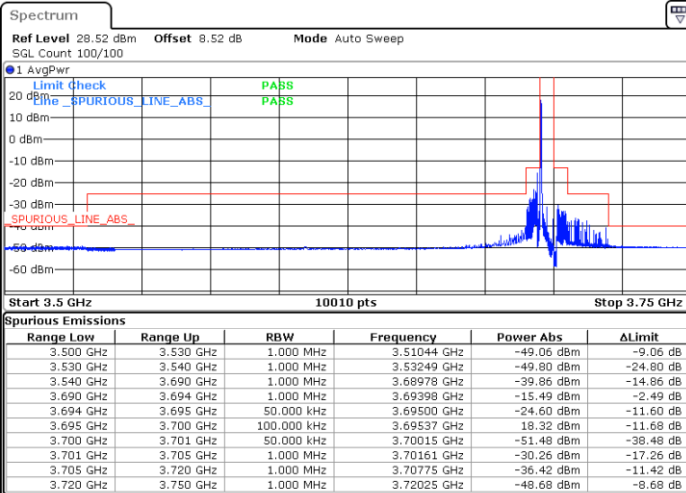
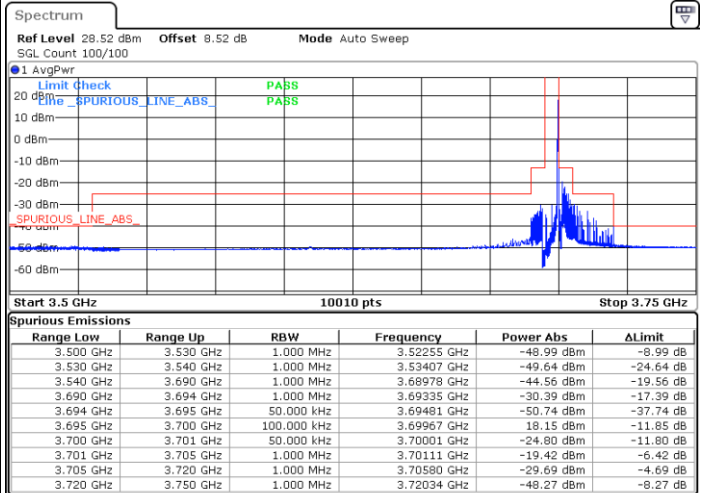


LTE Band 48 / 5MHz

64QAM

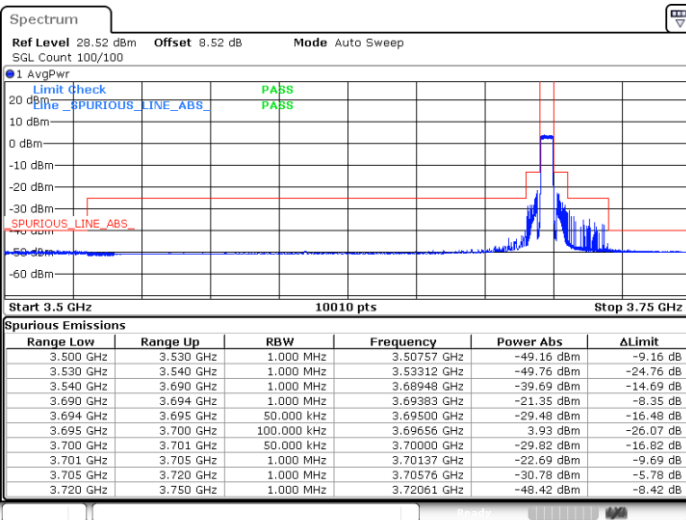
Highest Channel / 1RB0

Highest Channel / 1RBmax



Highest Channel / Full RB

N/A



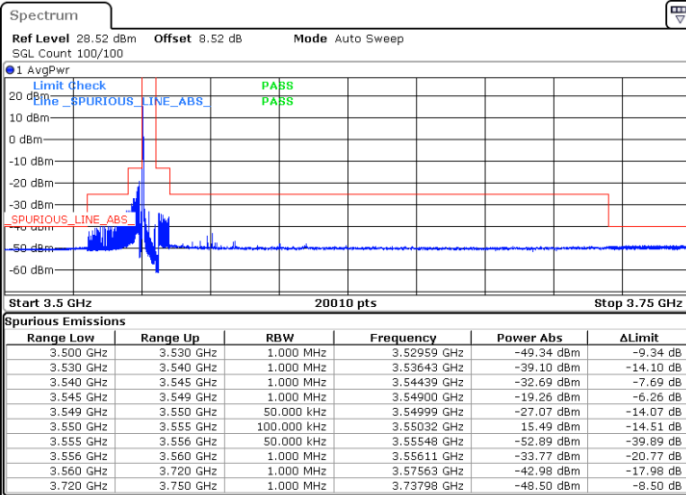
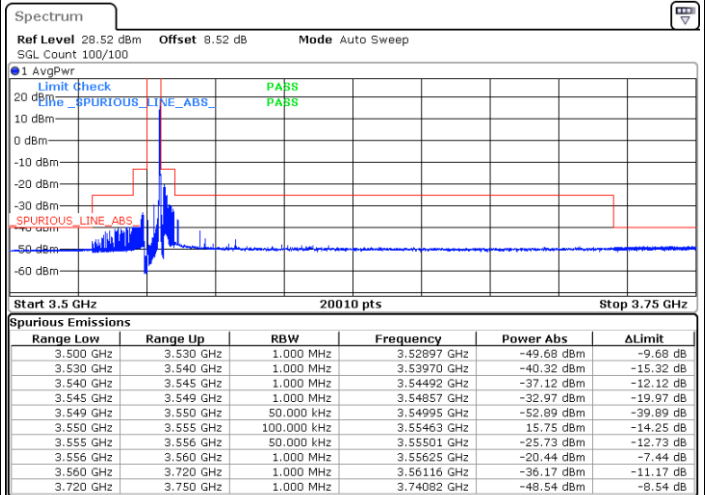


LTE Band 48 / 5MHz

256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Lowest Channel / Full RB

N/A

