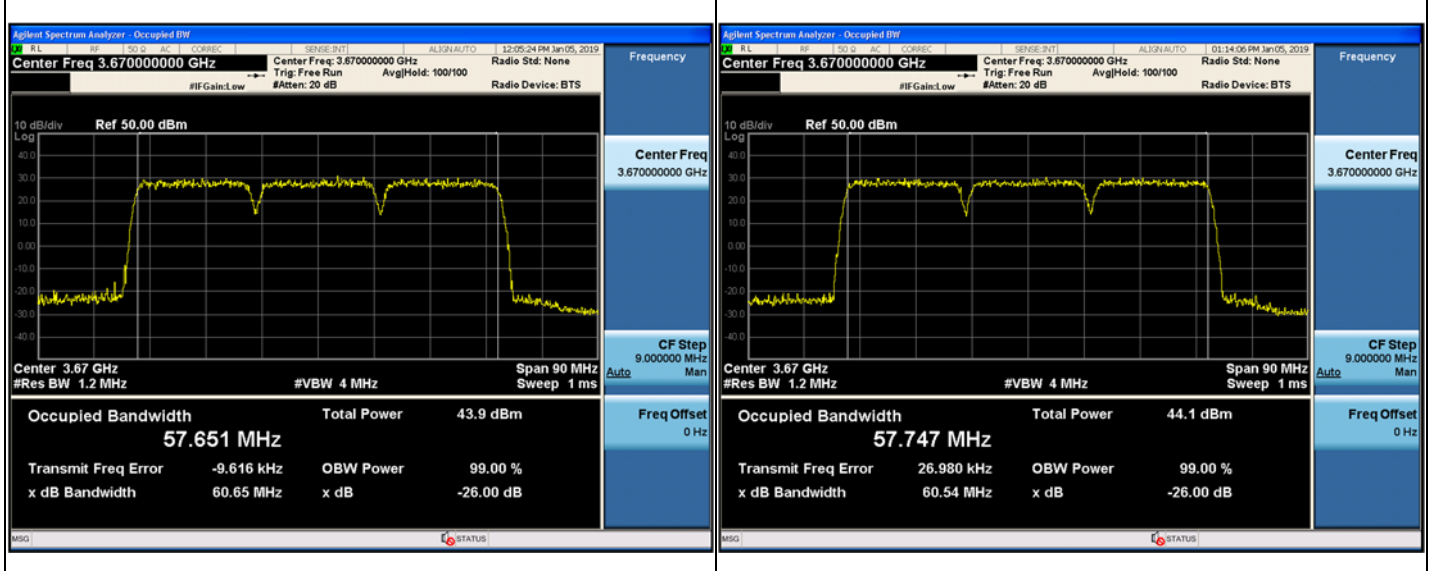


**20 MHz Bandwidth + 20 MHz Bandwidth + 20 MHz Bandwidth / 3 Carriers**

Port	0	Port	1
Modulation:	QPSK	Modulation:	256QAM
Channel:	High	Channel:	Middle



Port	2	Port	3
Modulation:	64QAM	Modulation:	256QAM
Channel:	High	Channel:	High



**10 MHz Bandwidth + 10 MHz Bandwidth + 10 MHz Bandwidth + 10 MHz Bandwidth/ 4 Carriers**

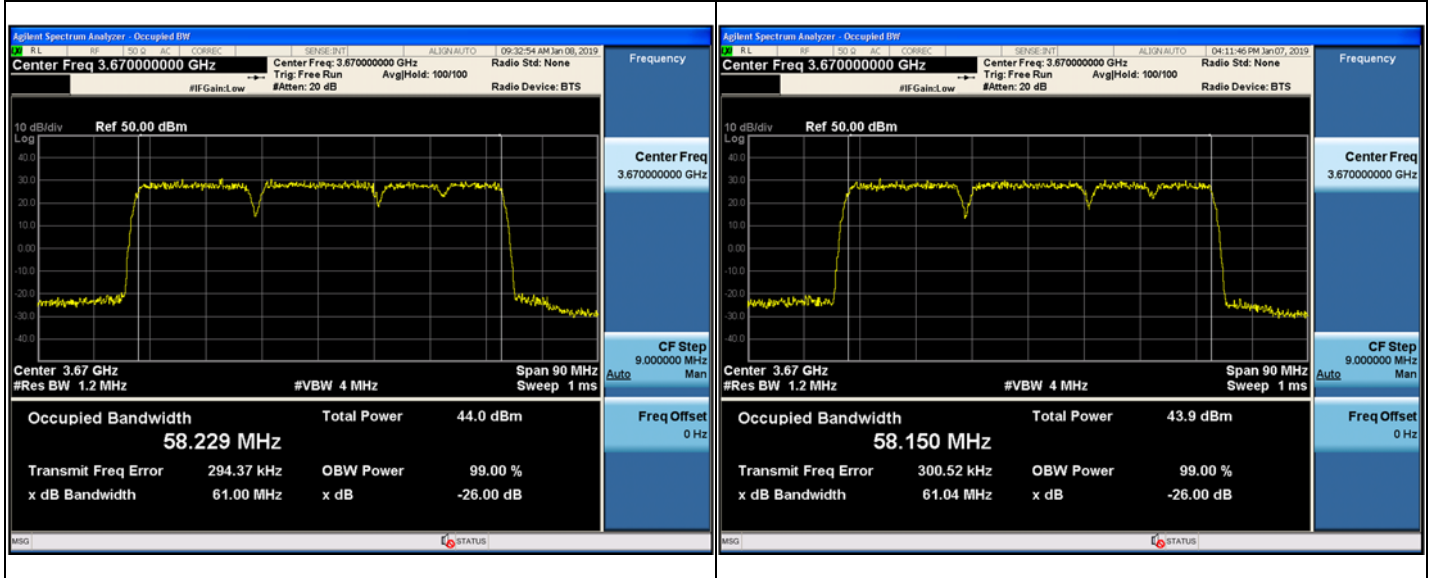
Port	0	Port	1
Modulation:	256QAM	Modulation:	256QAM
Channel:	High	Channel:	Middle
Port	2	Port	3
Modulation:	64QAM	Modulation:	QPSK
Channel:	High	Channel:	High

**20 MHz Bandwidth + 10 MHz Bandwidth + 10 MHz Bandwidth + 10 MHz Bandwidth/ 4 Carriers**

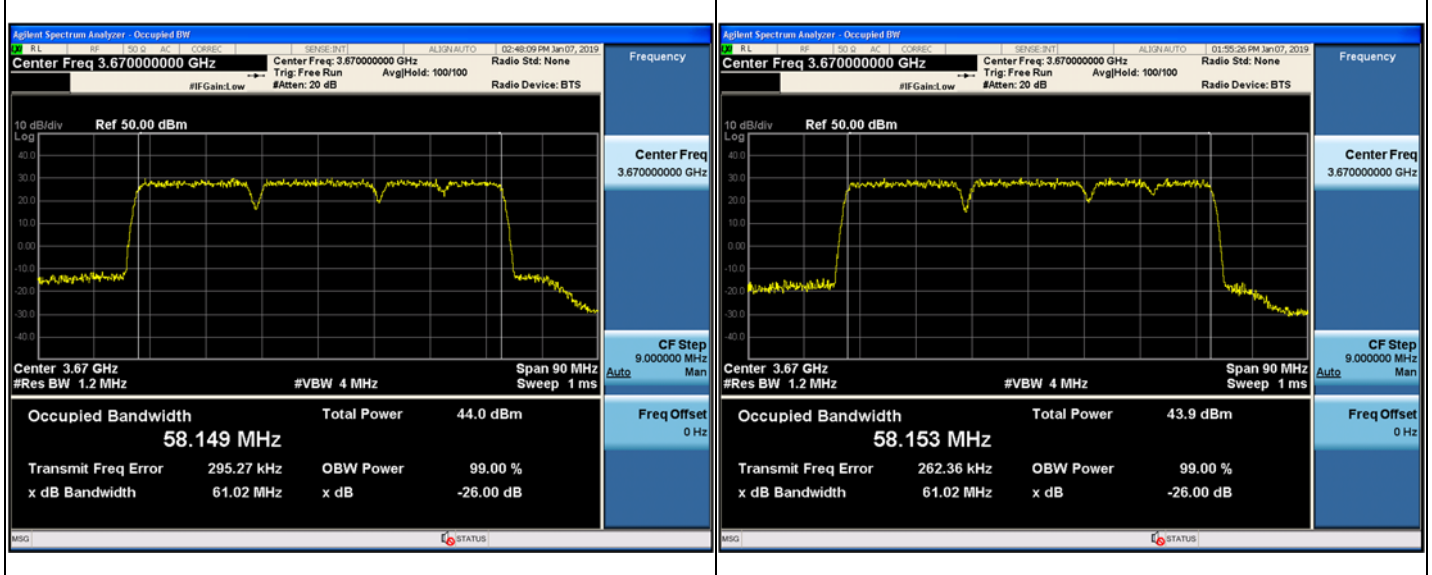
Port	0	Port	1
Modulation:	64QAM	Modulation:	QPSK
Channel:	High	Channel:	High
Port	2	Port	3
Modulation:	QPSK	Modulation:	64QAM
Channel:	High	Channel:	High

**20 MHz Bandwidth + 20 MHz Bandwidth + 10 MHz Bandwidth + 10 MHz Bandwidth/ 4 Carriers**

Port	0	Port	1
Modulation:	QPSK	Modulation:	QPSK
Channel:	High	Channel:	High



Port	2	Port	3
Modulation:	256QAM	Modulation:	256QAM
Channel:	High	Channel:	High



**20 MHz Bandwidth + 20 MHz Bandwidth + 20 MHz Bandwidth + 10 MHz Bandwidth/ 4 Carriers**

Port	0	Port	1
Modulation:	256QAM	Modulation:	256QAM
Channel:	High	Channel:	High
Port	2	Port	3
Modulation:	256QAM	Modulation:	64QAM
Channel:	High	Channel:	High



**20 MHz Bandwidth + 20 MHz Bandwidth + 20 MHz Bandwidth + 20 MHz Bandwidth/ 4 Carriers**

Port	0	Port	1
Modulation:	256QAM	Modulation:	64QAM
Channel:	High	Channel:	Middle
Port	2	Port	3
Modulation:	256QAM	Modulation:	64QAM
Channel:	Middle	Channel:	Low

**Plots of Occupied Bandwidth\_Max Power for Clip-on Ant  
10 MHz Bandwidth / 1 Carriers**

Port	0	Port	1
Modulation:	QPSK	Modulation:	QPSK
Channel:	High	Channel:	High
<p>Center Freq 3.695000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 15 MHz Sweep 1 ms CF Step 1.500000 MHz Freq Offset 0 Hz</p> <p>Occupied Bandwidth <b>8.9764 MHz</b> Total Power 30.9 dBm Transmit Freq Error 11.408 kHz % of OBW Power 99.00 % x dB Bandwidth 9.674 MHz x dB -26.00 dB</p>		<p>Center Freq 3.695000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 15 MHz Sweep 1 ms CF Step 1.500000 MHz Freq Offset 0 Hz</p> <p>Occupied Bandwidth <b>8.9533 MHz</b> Total Power 30.7 dBm Transmit Freq Error 6.297 kHz % of OBW Power 99.00 % x dB Bandwidth 9.600 MHz x dB -26.00 dB</p>	
Port	2	Port	3
Modulation:	64QAM	Modulation:	64QAM
Channel:	High	Channel:	High
<p>Center Freq 3.695000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 15 MHz Sweep 1 ms CF Step 1.500000 MHz Freq Offset 0 Hz</p> <p>Occupied Bandwidth <b>8.9906 MHz</b> Total Power 30.8 dBm Transmit Freq Error 21.911 kHz % of OBW Power 99.00 % x dB Bandwidth 9.733 MHz x dB -26.00 dB</p>		<p>Center Freq 3.695000000 GHz #Res BW 200 kHz #VBW 620 kHz Span 15 MHz Sweep 1 ms CF Step 1.500000 MHz Freq Offset 0 Hz</p> <p>Occupied Bandwidth <b>8.9756 MHz</b> Total Power 30.9 dBm Transmit Freq Error 12.259 kHz % of OBW Power 99.00 % x dB Bandwidth 9.598 MHz x dB -26.00 dB</p>	

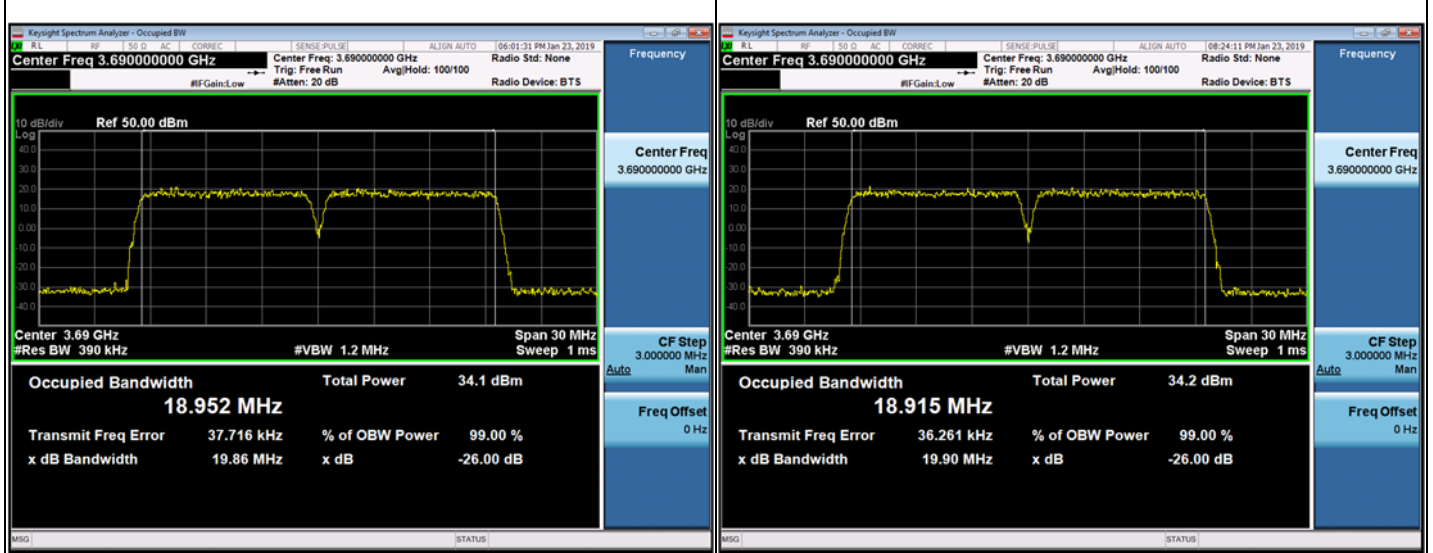
**20 MHz Bandwidth / 1 Carriers**

Port	0	Port	1
Modulation:	256QAM	Modulation:	QPSK
Channel:	High	Channel:	High
Port	2	Port	3
Modulation:	256QAM	Modulation:	16QAM
Channel:	High	Channel:	High

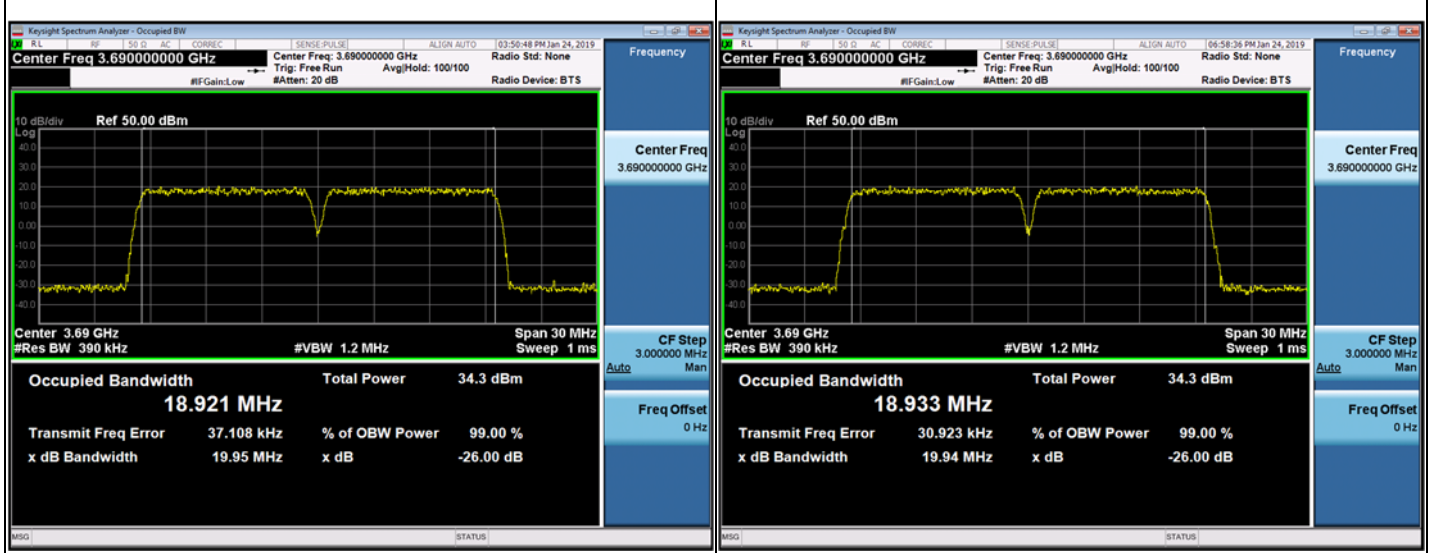


**10 MHz Bandwidth + 10 MHz Bandwidth / 2 Carriers**

Port	0	Port	1
Modulation:	QPSK	Modulation:	QPSK
Channel:	High	Channel:	High



Port	2	Port	3
Modulation:	256QAM	Modulation:	64QAM
Channel:	High	Channel:	High

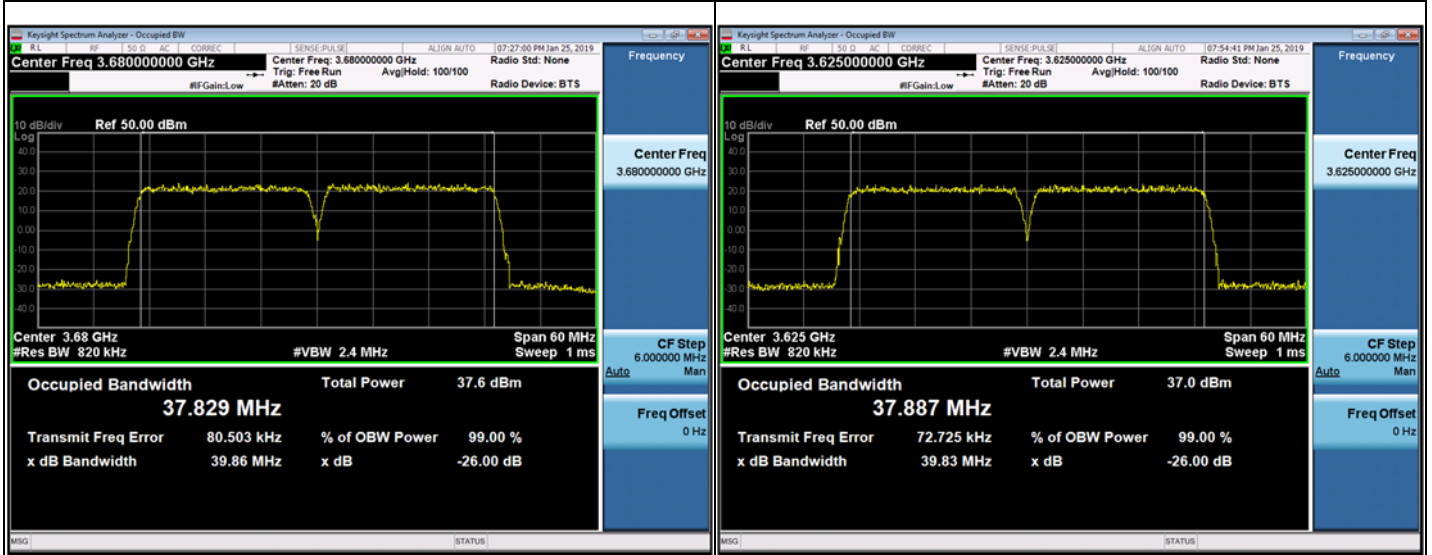


**20 MHz Bandwidth + 10 MHz Bandwidth / 2 Carriers**

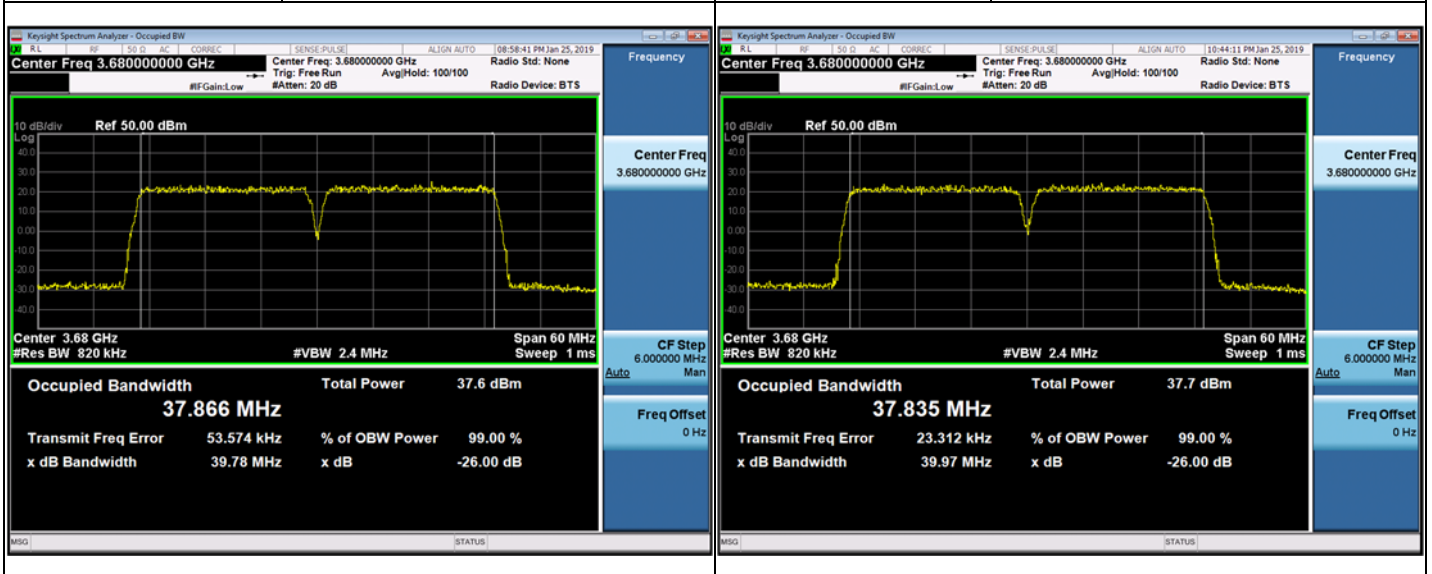
Port	0	Port	1
Modulation:	QPSK	Modulation:	256QAM
Channel:	High	Channel:	High
Port	2	Port	3
Modulation:	256QAM	Modulation:	64QAM
Channel:	High	Channel:	High

**20 MHz Bandwidth + 20 MHz Bandwidth / 2 Carriers**

Port	0	Port	1
Modulation:	QPSK	Modulation:	64QAM
Channel:	High	Channel:	Middle



Port	2	Port	3
Modulation:	QPSK	Modulation:	64QAM
Channel:	High	Channel:	High



**10 MHz Bandwidth + 10 MHz Bandwidth + 10 MHz Bandwidth / 3 Carriers**

Port	0	Port	1
Modulation:	64QAM	Modulation:	64QAM
Channel:	High	Channel:	High
Port	2	Port	3
Modulation:	256QAM	Modulation:	64QAM
Channel:	High	Channel:	High

**20 MHz Bandwidth + 10 MHz Bandwidth + 10 MHz Bandwidth / 3 Carriers**

Port	0	Port	1
Modulation:	64QAM	Modulation:	256QAM
Channel:	High	Channel:	High
Port	2	Port	3
Modulation:	256QAM	Modulation:	16QAM
Channel:	High	Channel:	High