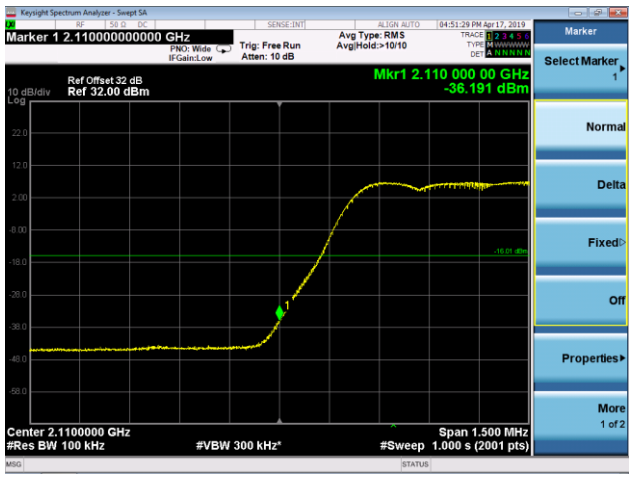
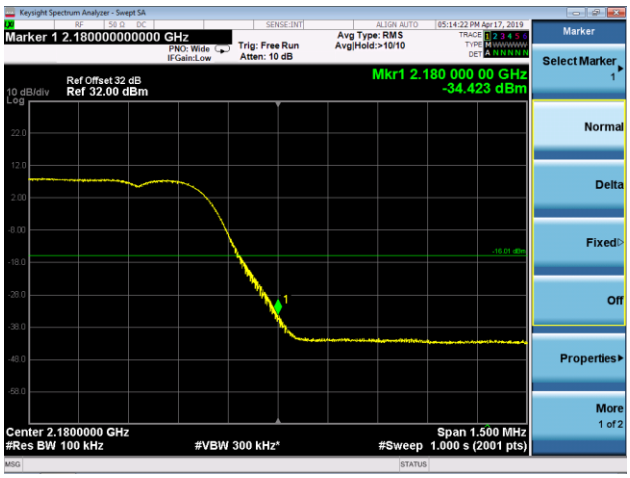
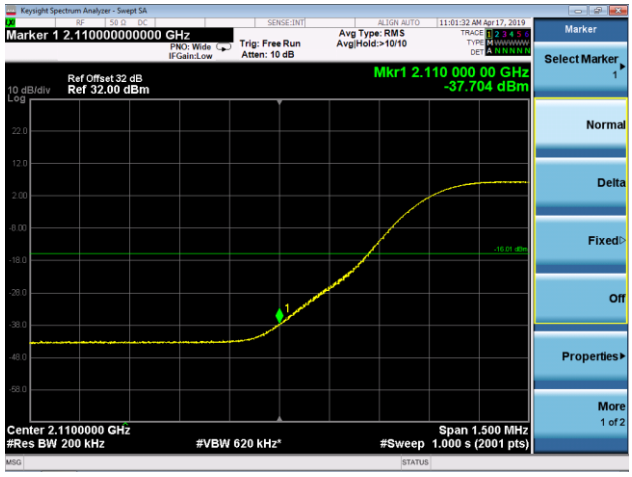
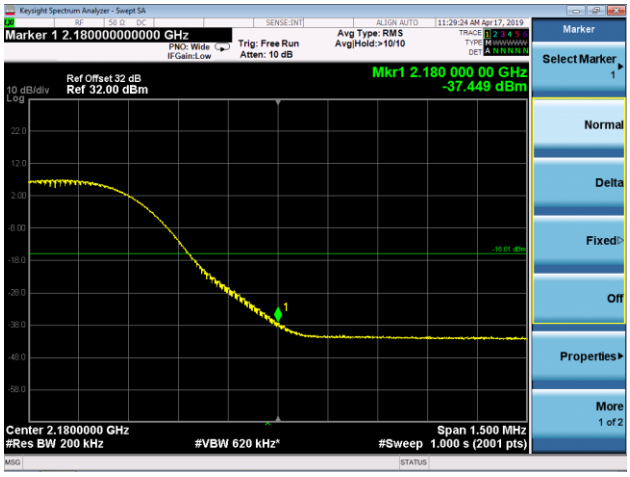
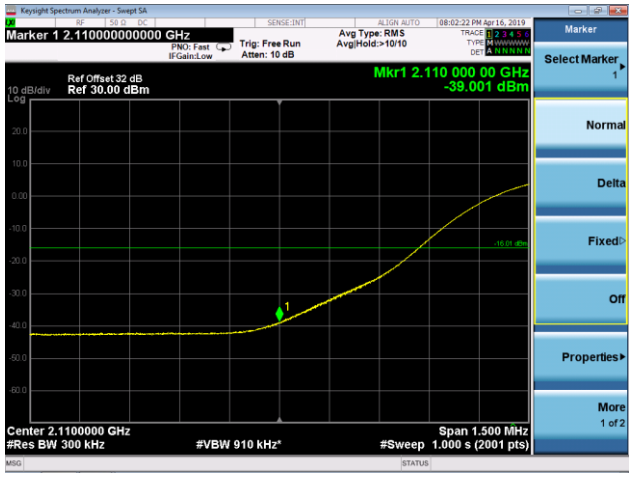
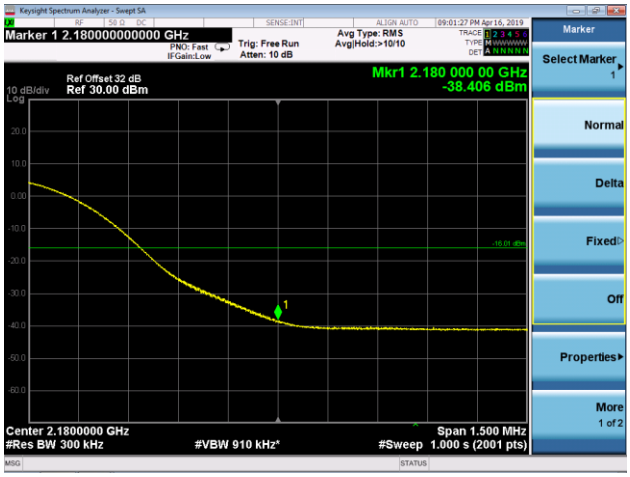
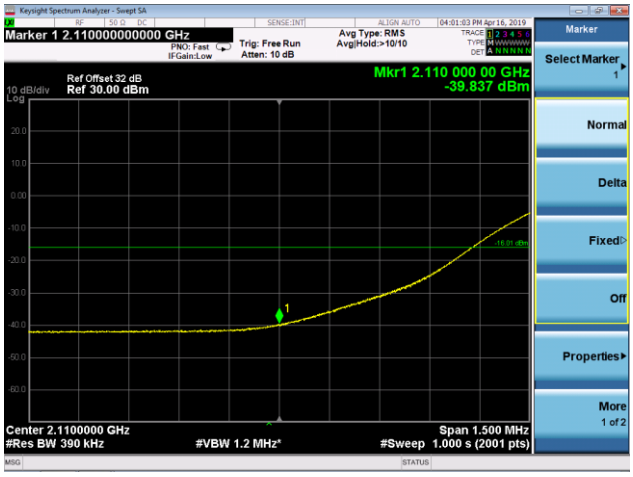
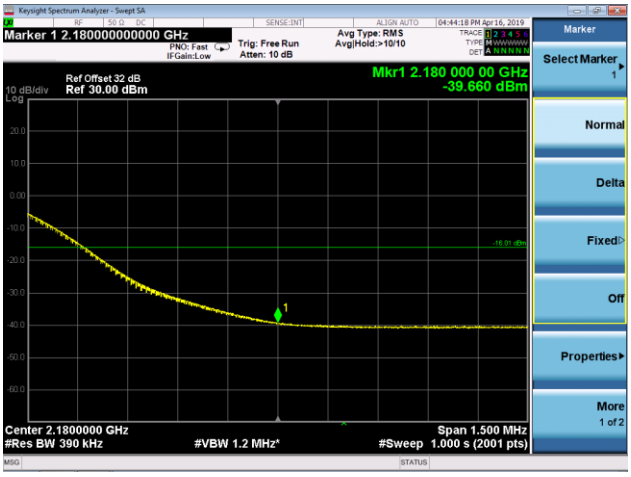
5 + 5MHz Channel Bandwidth	
2112.5MHz + 2117.5MHz	2172.5MHz + 2177.5MHz
	
10 + 10MHz Channel Bandwidth	
2115.0MHz + 2125.0MHz	2165.0MHz + 2175.0MHz
	
15 + 15MHz Band Edge	
2117.5MHz + 2132.5MHz	2157.5MHz + 2172.5MHz
	

20 + 20MHz Band Edge	
2120.0MHz + 2140.0MHz	2150.0MHz + 2170.0MHz
	

Band Edge - Ant 1 (16QAM)	
5MHz Channel Bandwidth	
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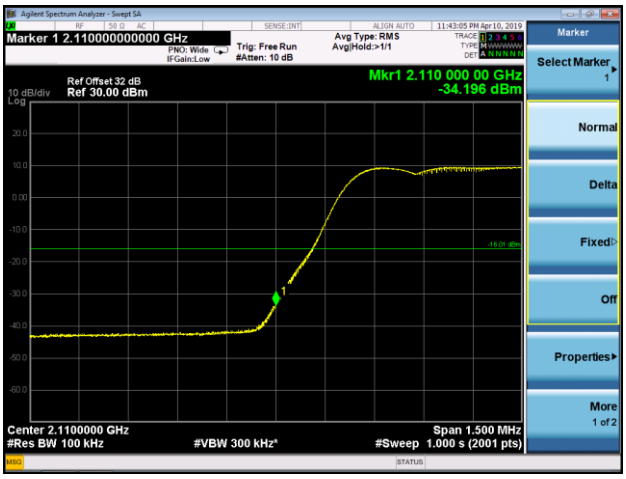
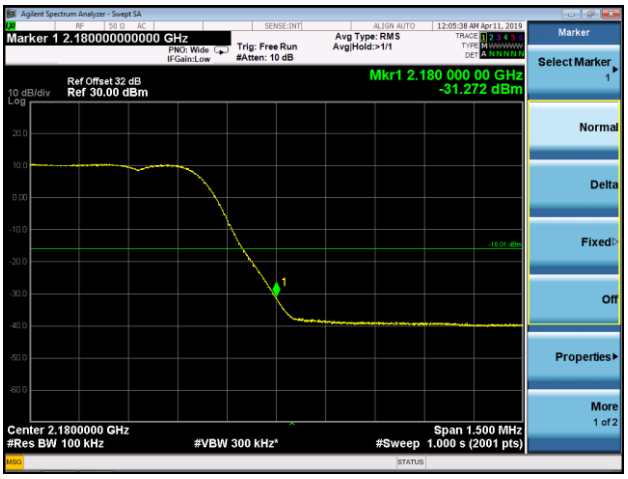
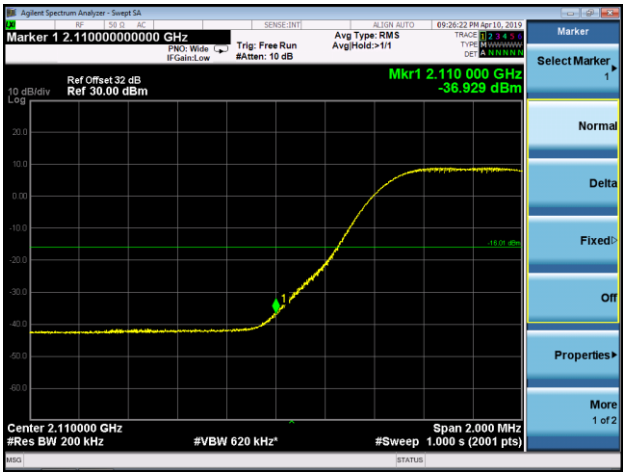
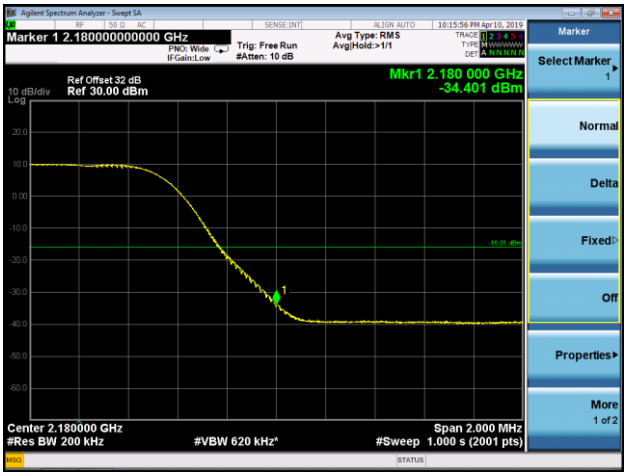
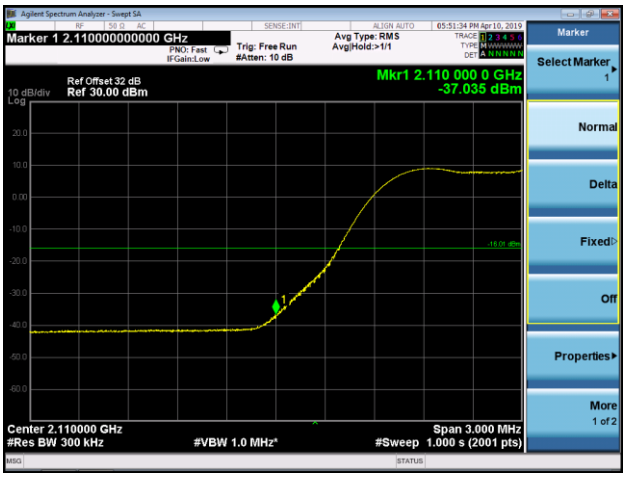
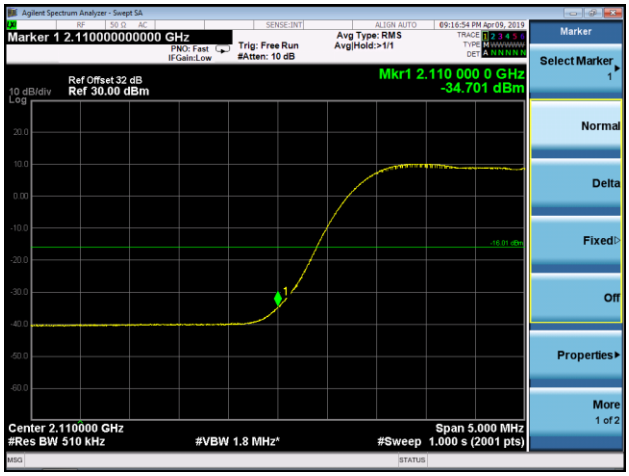
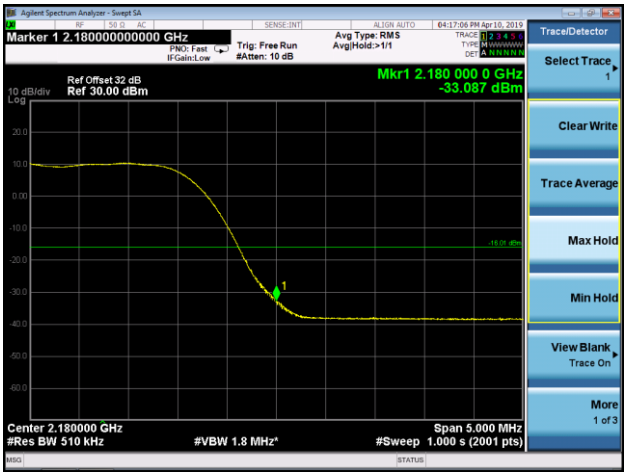
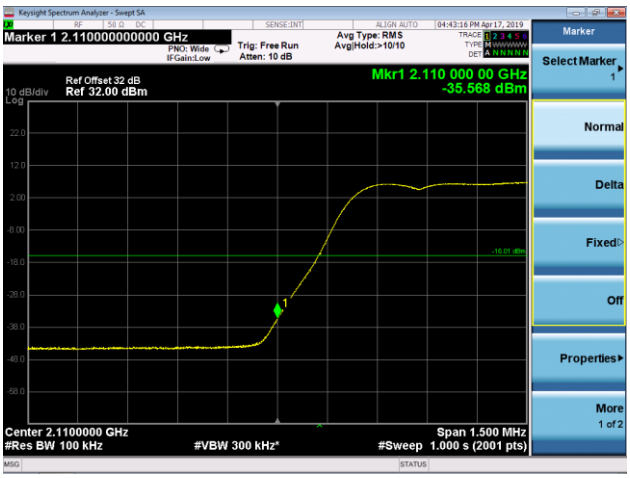
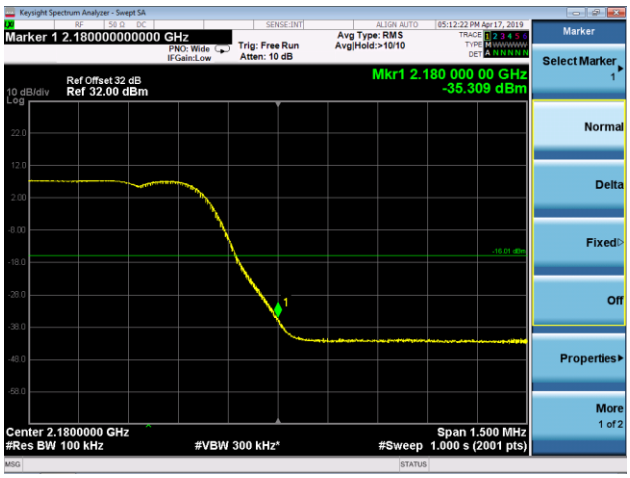
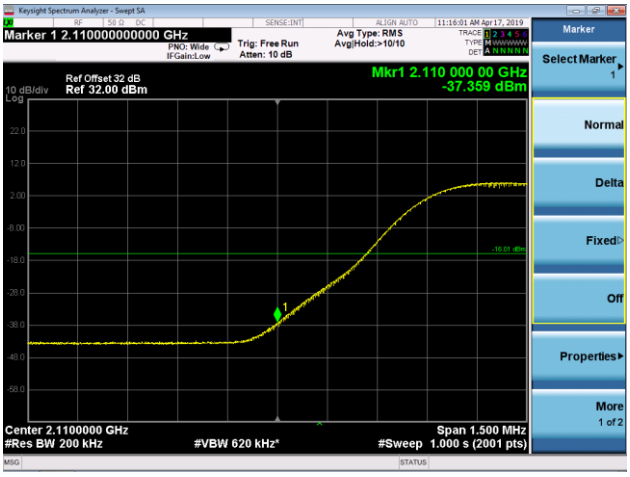
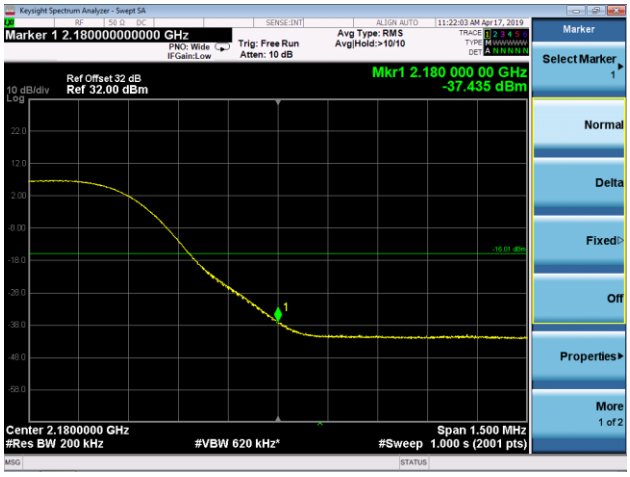
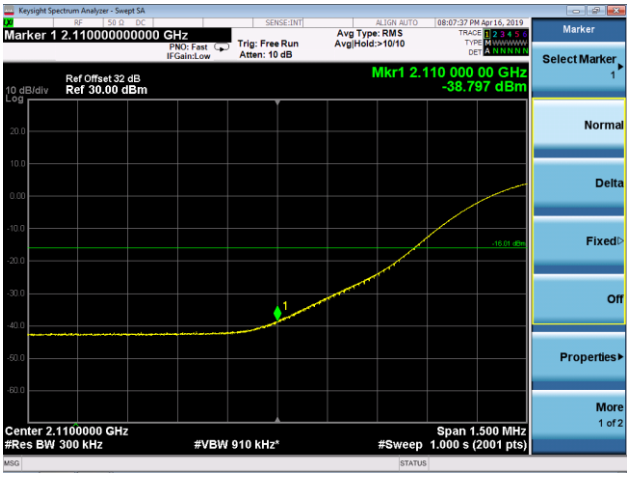
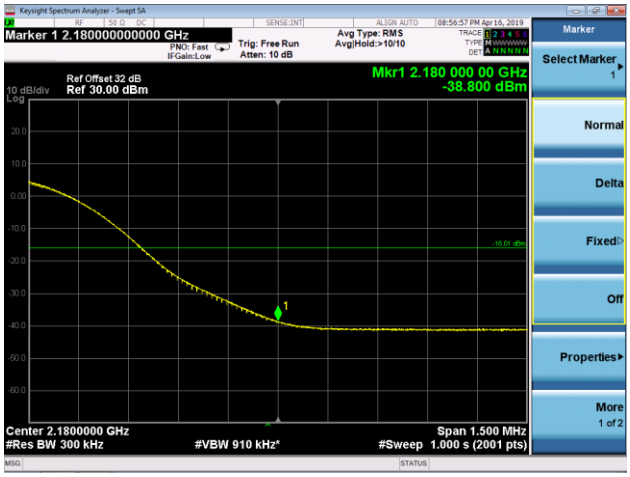
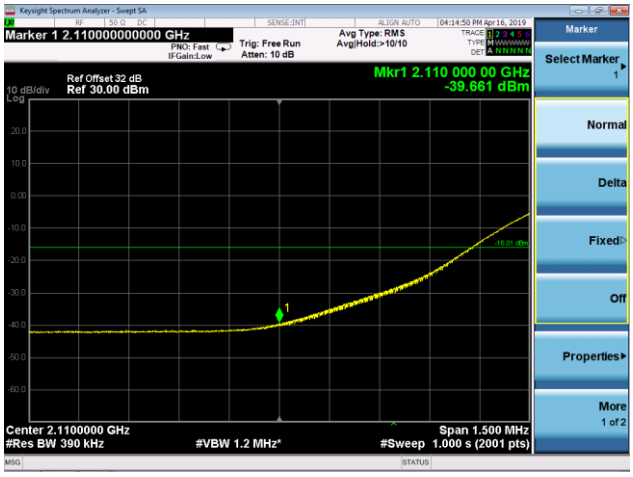
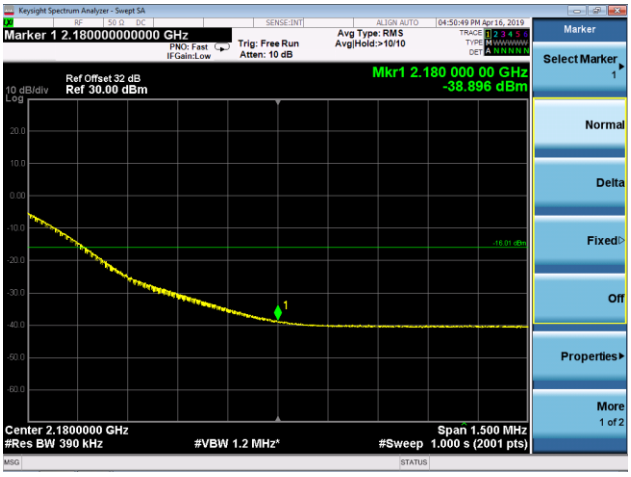
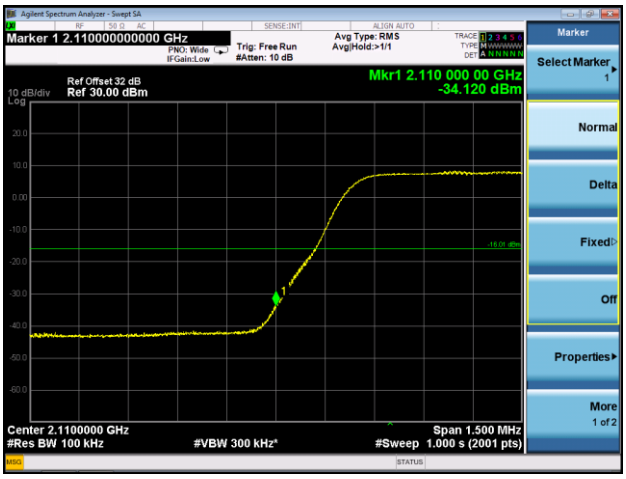
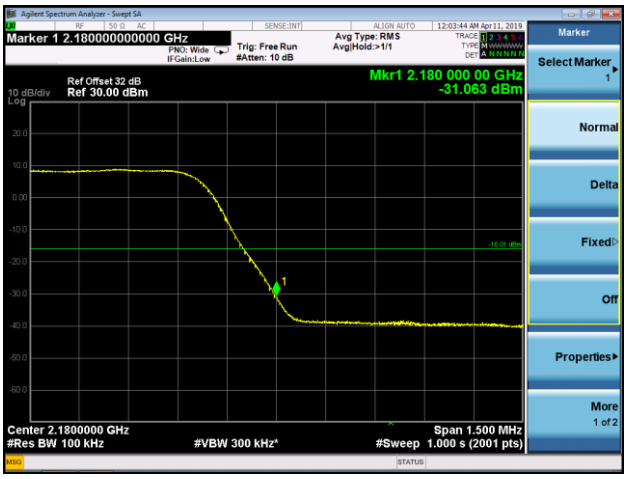
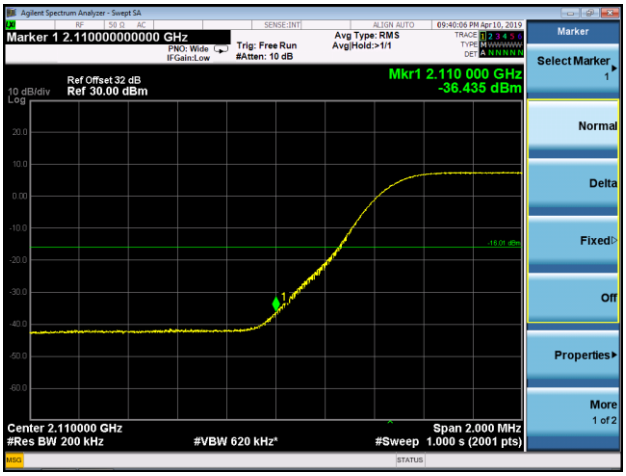
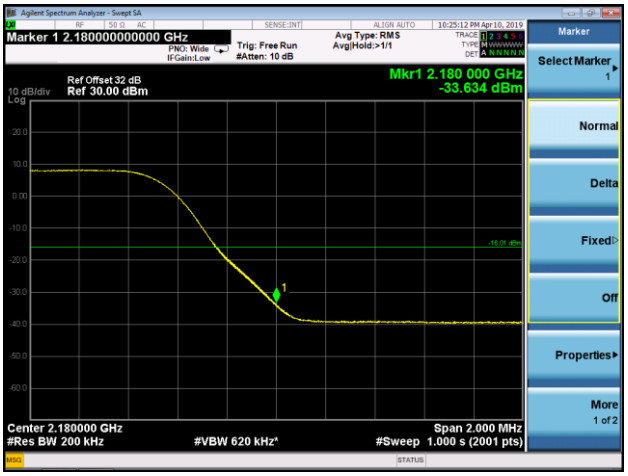
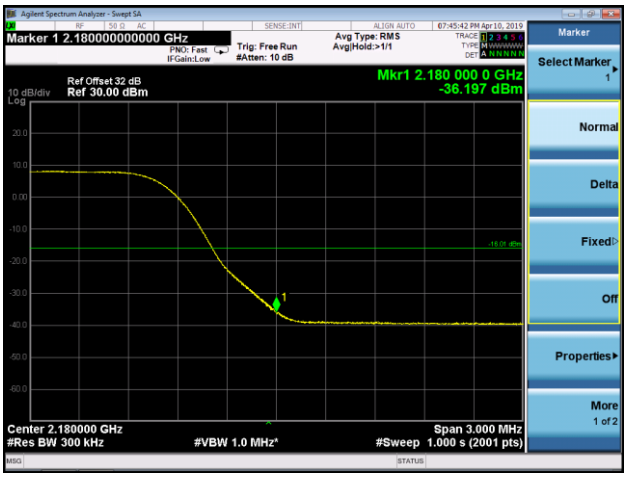
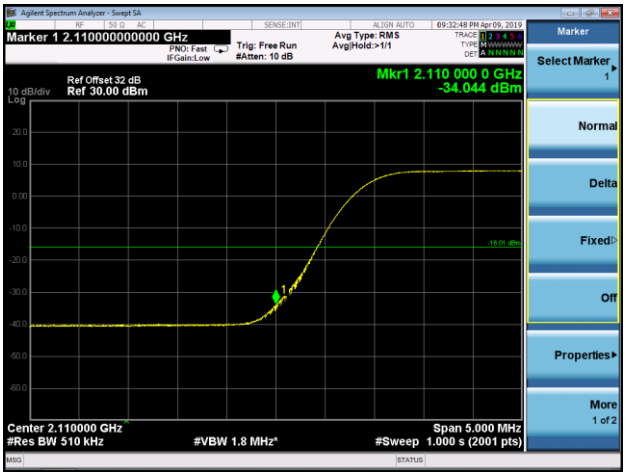
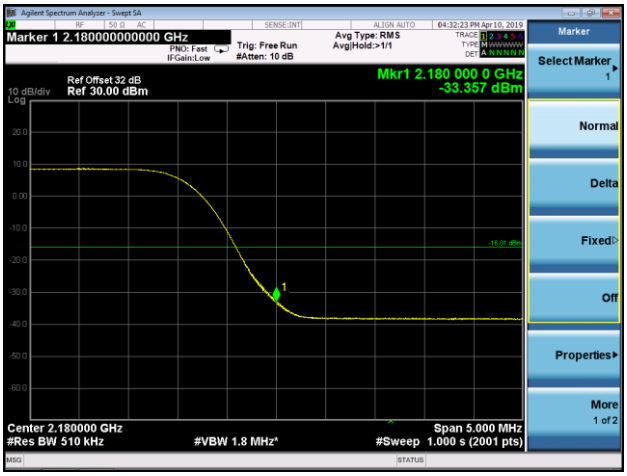
	
10MHz Channel Bandwidth	
2115.0MHz	2175.0MHz
	
15MHz Channel Bandwidth	
2117.5MHz	2172.5MHz
	

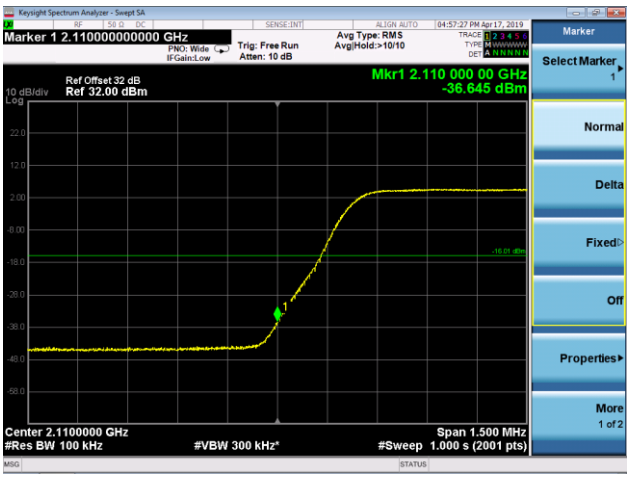
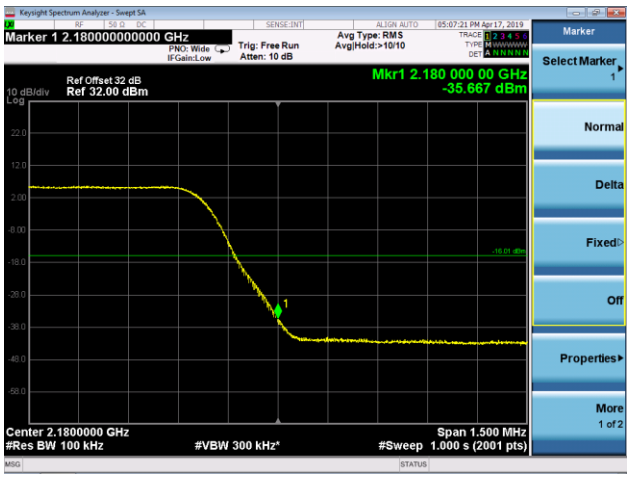
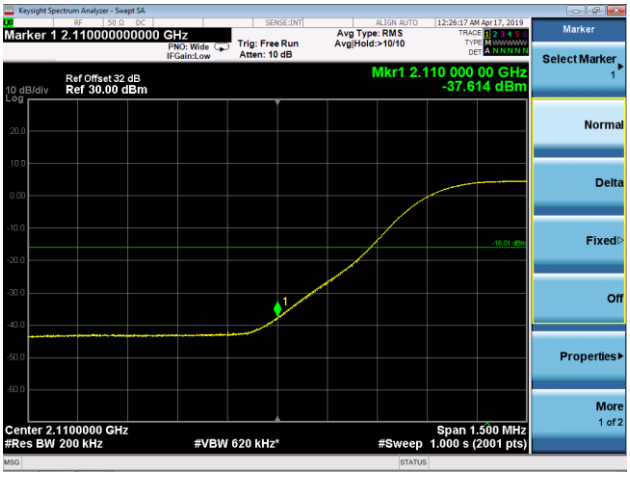
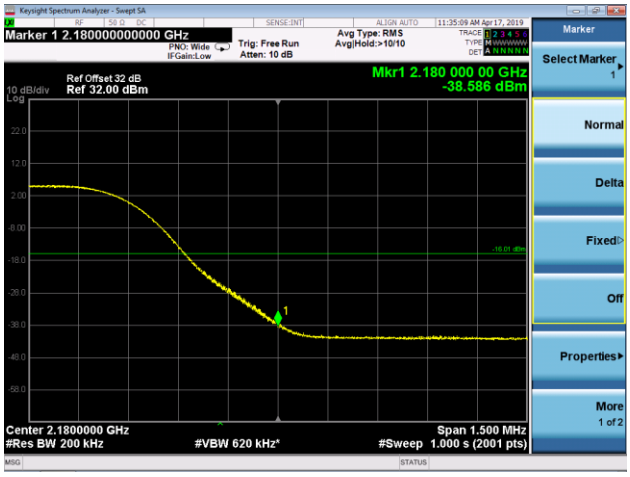
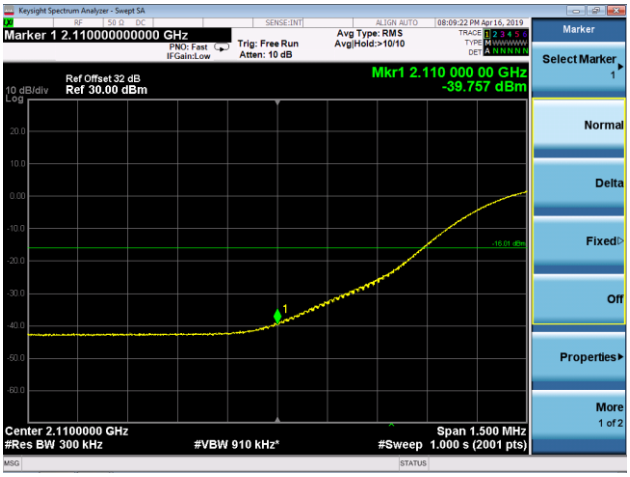
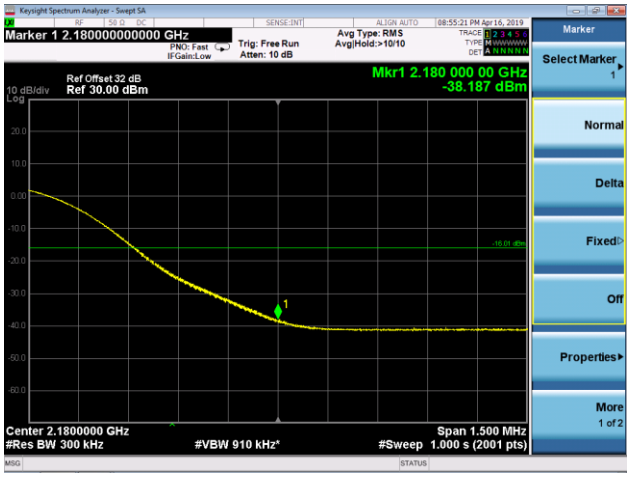
20MHz Channel Bandwidth	
2120.0MHz	2170.0MHz
	

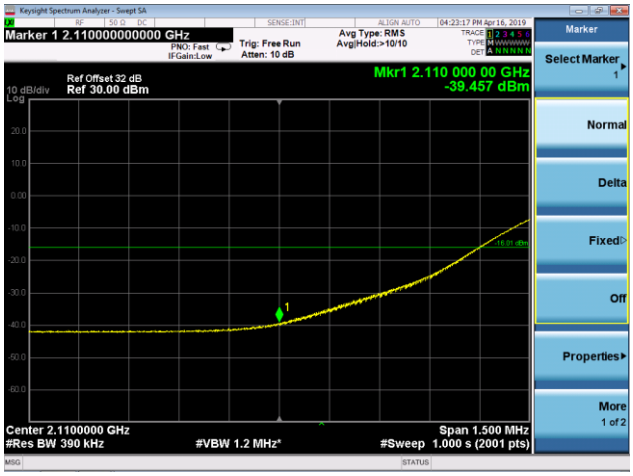
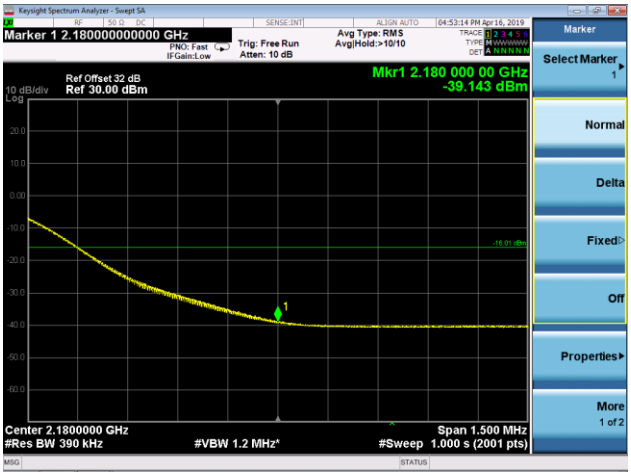
5 + 5MHz Channel Bandwidth	
2112.5MHz + 2117.5MHz	2172.5MHz + 2177.5MHz
	
10 + 10MHz Channel Bandwidth	
2115.0MHz + 2125.0MHz	2165.0MHz + 2175.0MHz
	
15 + 15MHz Band Edge	
2117.5MHz + 2132.5MHz	2157.5MHz + 2172.5MHz
	

20 + 20MHz Band Edge	
2120.0MHz + 2140.0MHz	2150.0MHz + 2170.0MHz
	

Band Edge - Ant 1 (64QAM)	
5MHz Channel Bandwidth	
2112.5MHz	2177.5MHz
	
10MHz Channel Bandwidth	
2115.0MHz	2175.0MHz
	
15MHz Channel Bandwidth	
2117.5MHz	2172.5MHz
	

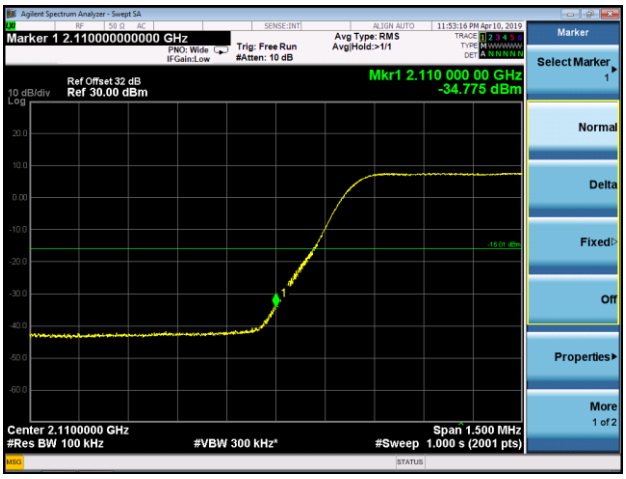
20MHz Channel Bandwidth	
2120.0MHz	2170.0MHz
	

5 + 5MHz Channel Bandwidth	
2112.5MHz + 2117.5MHz	2172.5MHz + 2177.5MHz
	
10 + 10MHz Channel Bandwidth	
2115.0MHz + 2125.0MHz	2165.0MHz + 2175.0MHz
	
15 + 15MHz Band Edge	
2117.5MHz + 2132.5MHz	2157.5MHz + 2172.5MHz
	

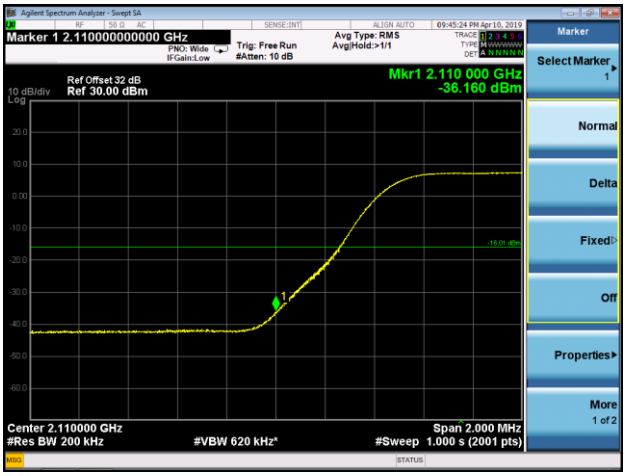
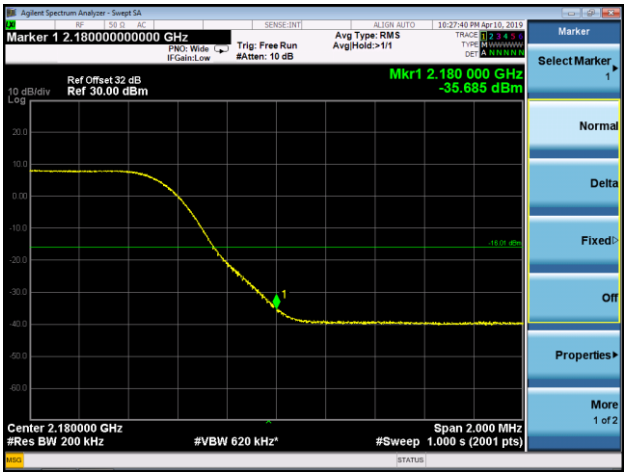
20 + 20MHz Band Edge	
2120.0MHz + 2140.0MHz	2150.0MHz + 2170.0MHz
	

Band Edge - Ant 1 (256QAM)

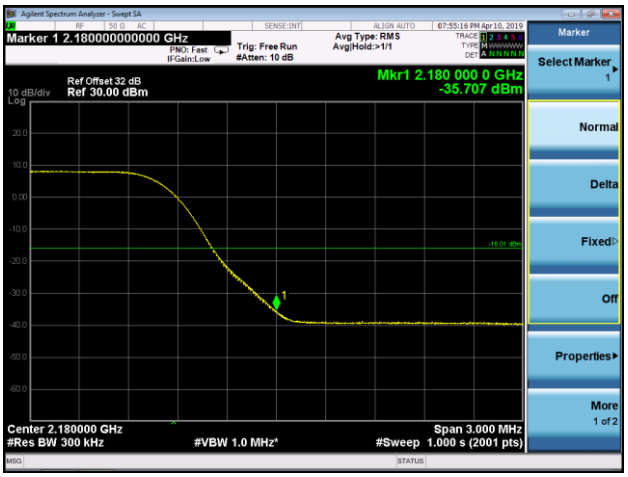
5MHz Channel Bandwidth

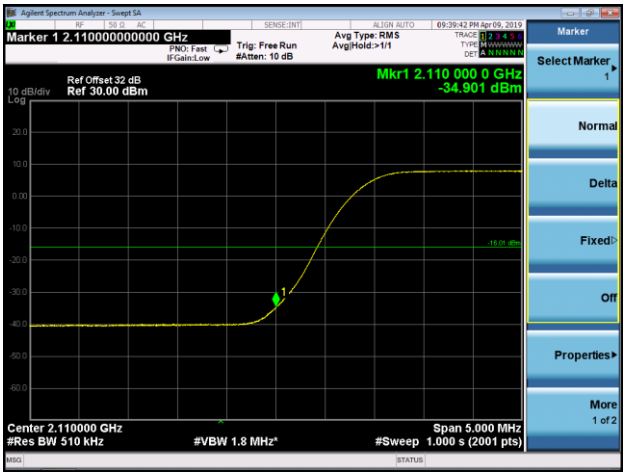
2112.5MHz	2177.5MHz
	

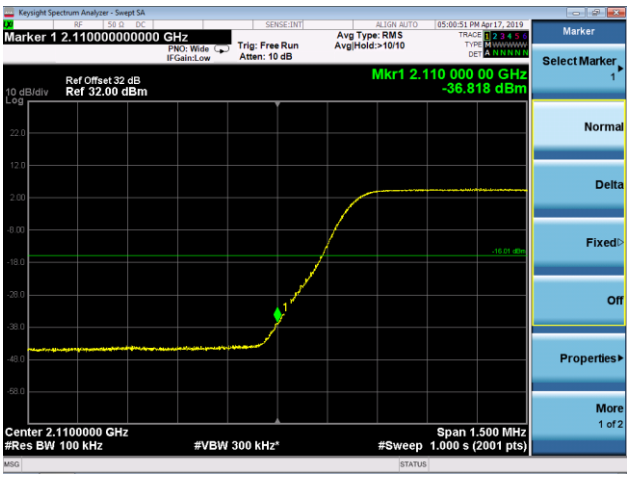
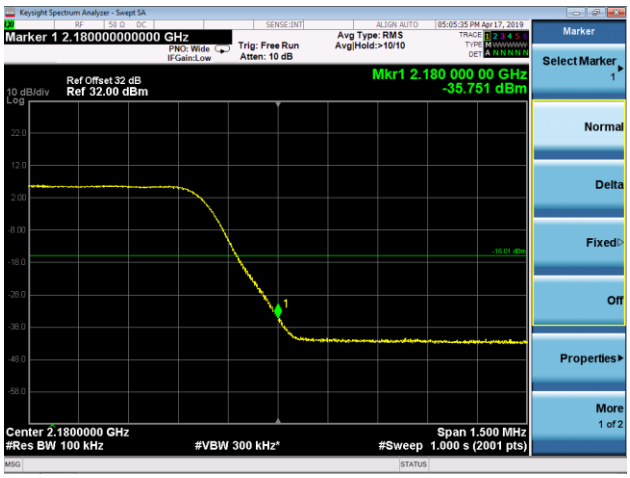
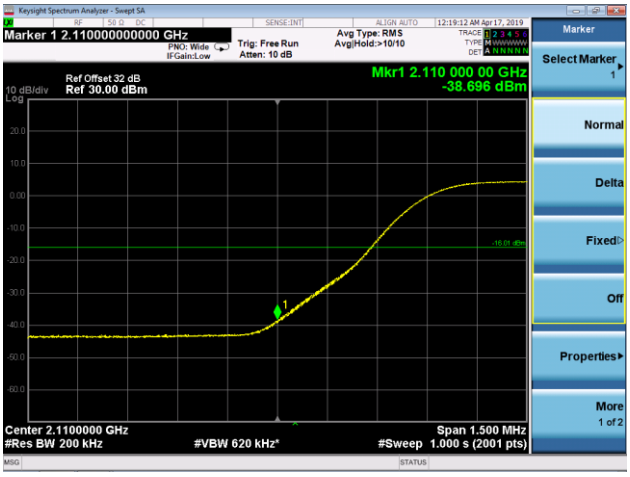
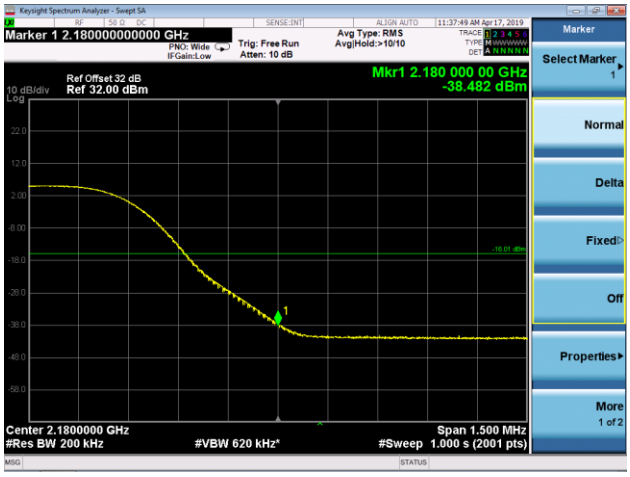
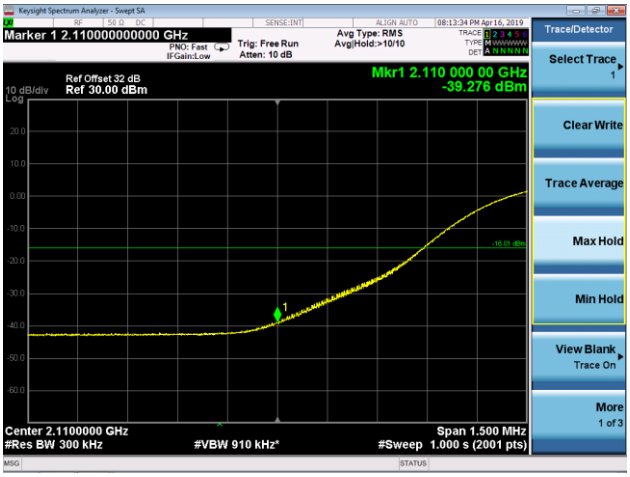
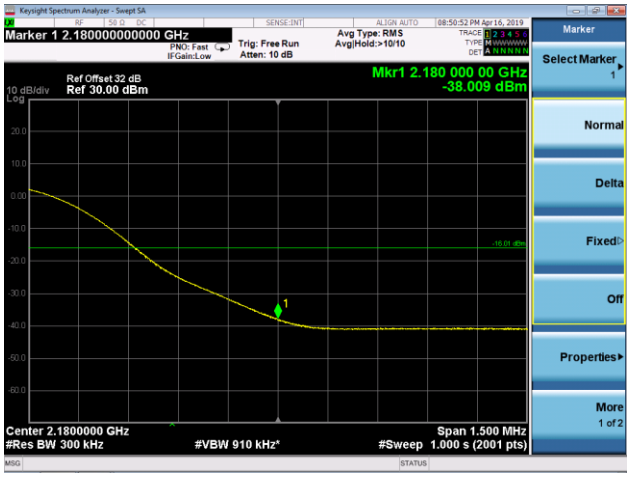
10MHz Channel Bandwidth

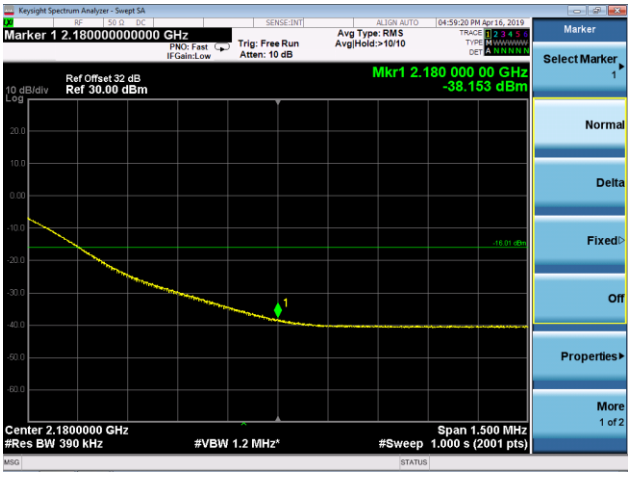
2115.0MHz	2175.0MHz
	

15MHz Channel Bandwidth

2117.5MHz	2172.5MHz
	

20MHz Channel Bandwidth	
2120.0MHz	2170.0MHz
	

5 + 5MHz Channel Bandwidth	
2112.5MHz + 2117.5MHz	2172.5MHz + 2177.5MHz
	
10 + 10MHz Channel Bandwidth	
2115.0MHz + 2125.0MHz	2165.0MHz + 2175.0MHz
	
15 + 15MHz Band Edge	
2117.5MHz + 2132.5MHz	2157.5MHz + 2172.5MHz
	

20 + 20MHz Band Edge	
2120.0MHz + 2140.0MHz	2150.0MHz + 2170.0MHz
	

6.6. Peak to Average Ratio

6.6.1.Test Limit

In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

6.6.2.Test Procedure Used

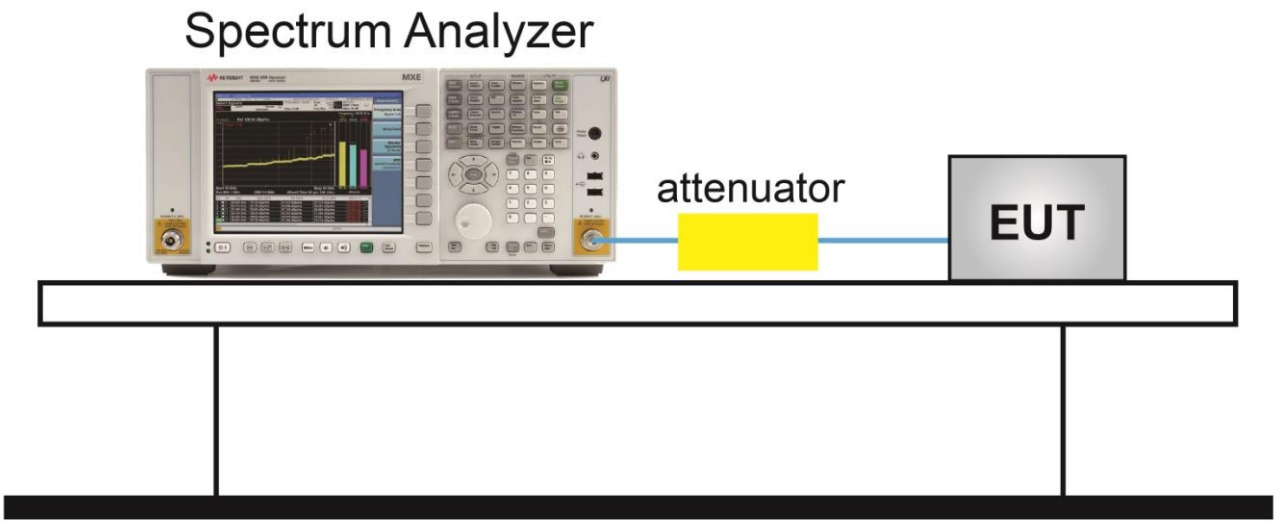
KDB 971168 D01v03r01 - Section 5.7

ANSI C63.26-2015 - Section 5.2.6

6.6.3.Test Setting

1. Set the resolution / measurement bandwidth ≥ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PARR level associated with a probability of 0.1%.

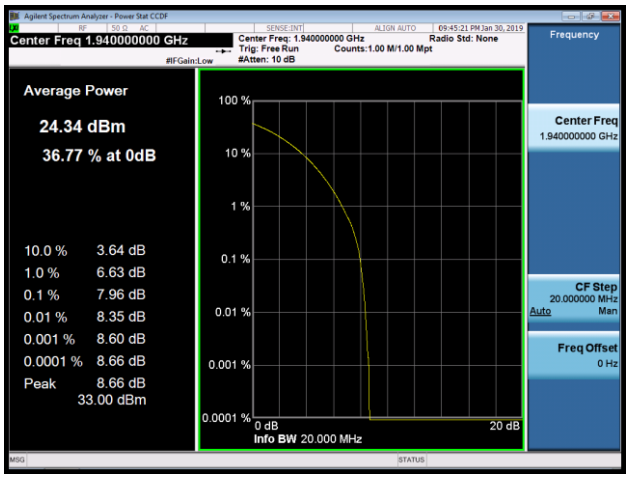
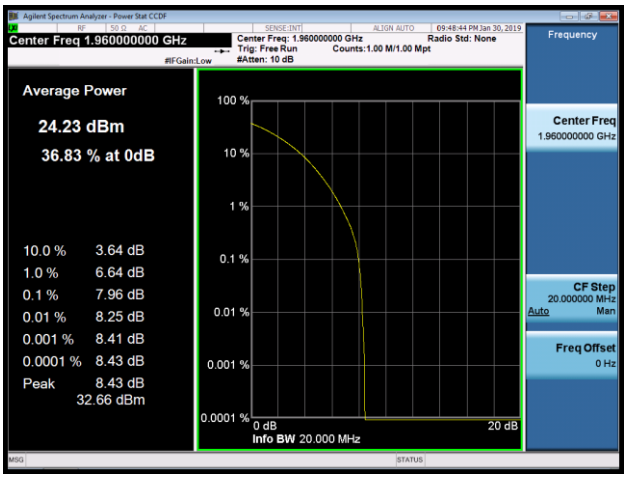
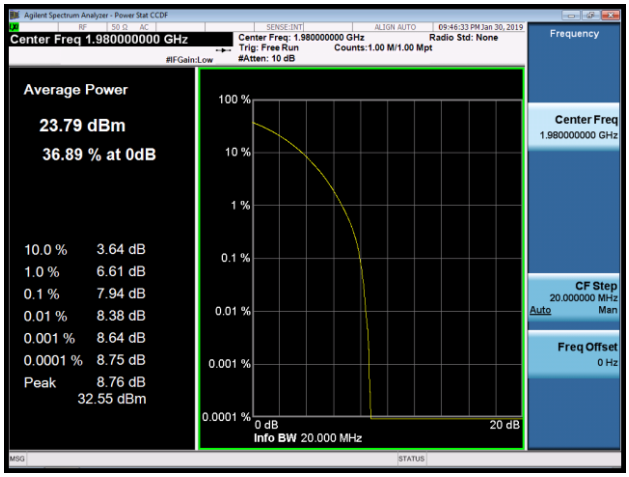
6.6.4.Test Setup

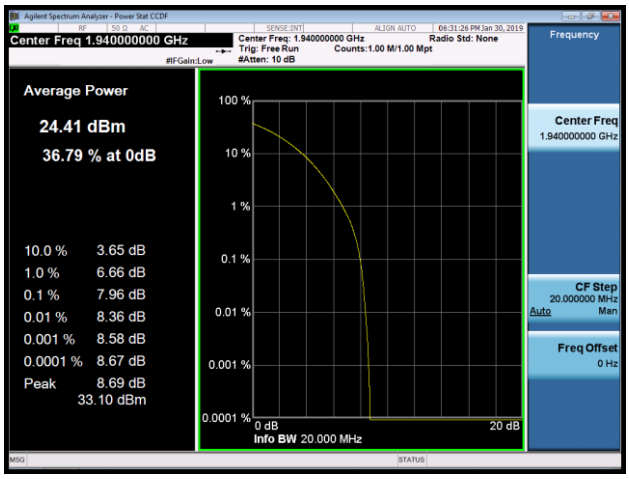
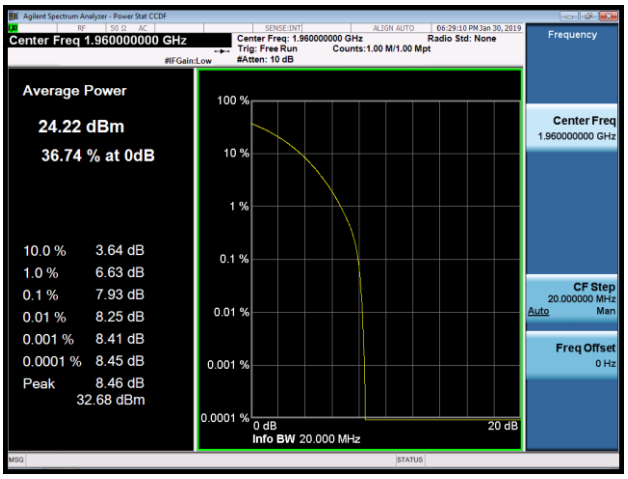
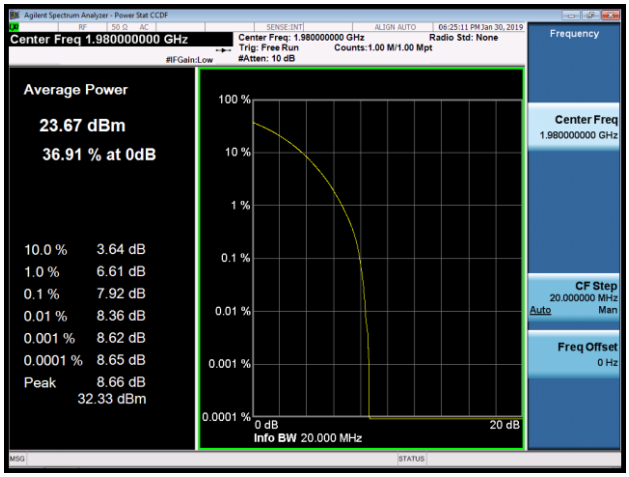


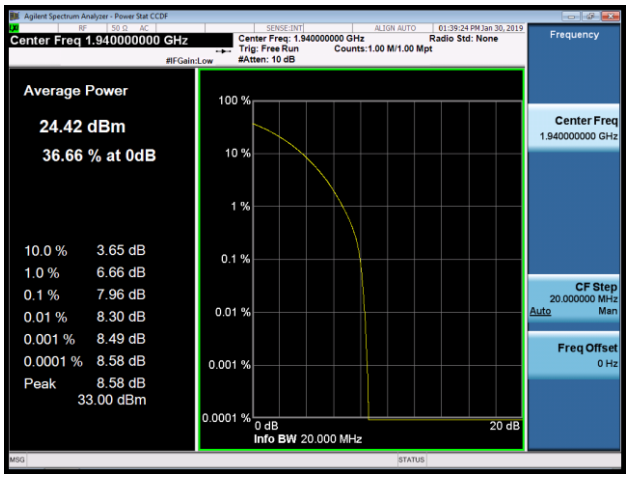
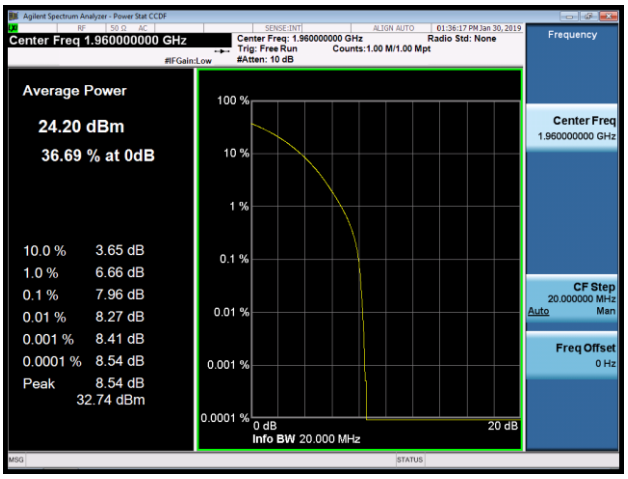
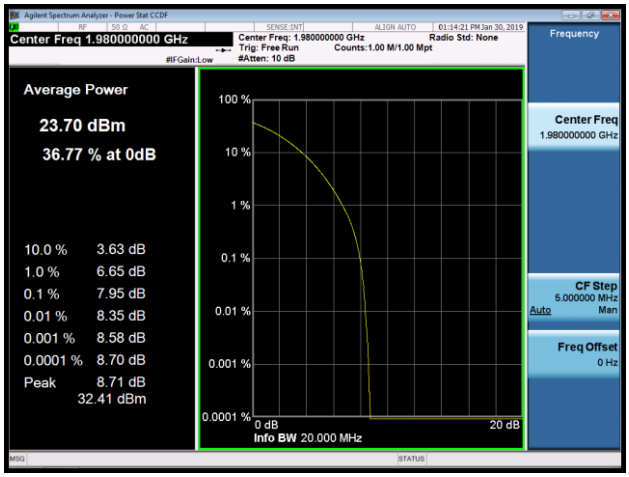
6.6.5.Test Result

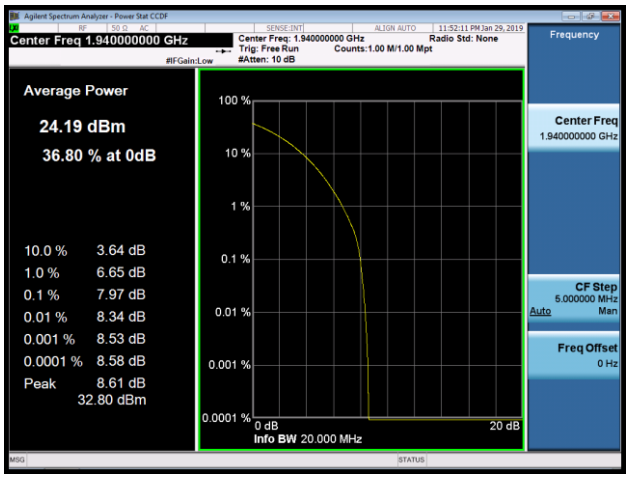
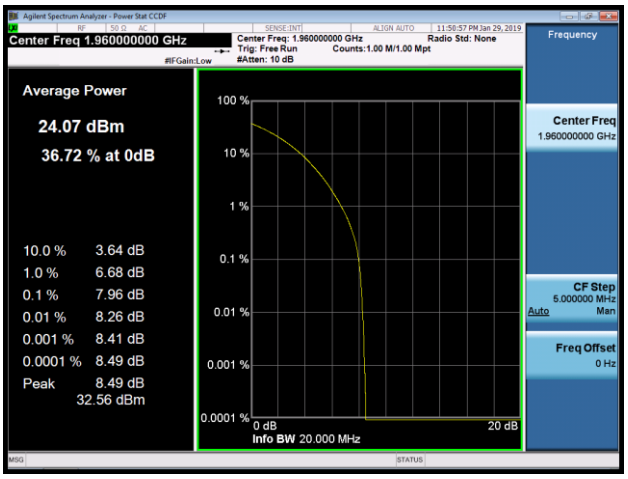
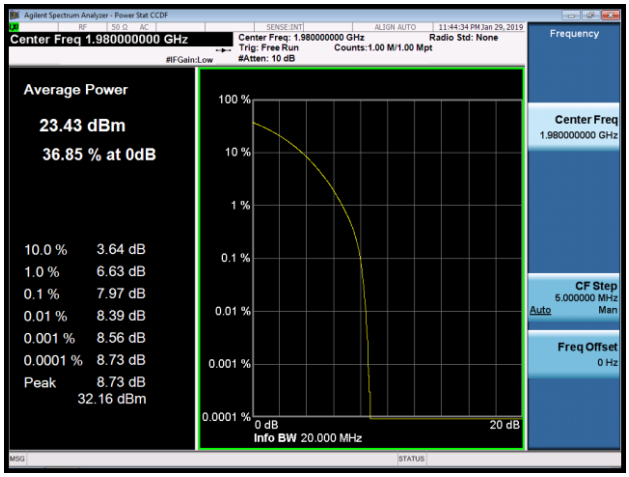
Product	AirScale Indoor Radio ASiR-pRRH	Test Engineer	Peter Xu
Test Site	SR2	Test Date	2019/01/29 ~ 2019/01/30
Test Item	Peak to Average Ratio - LTE Band 2		

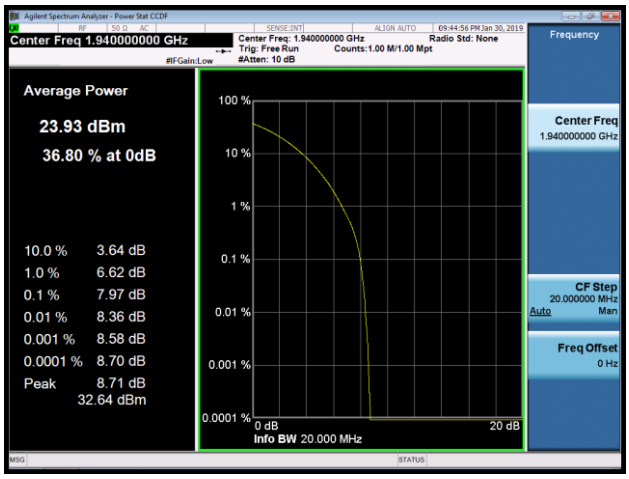
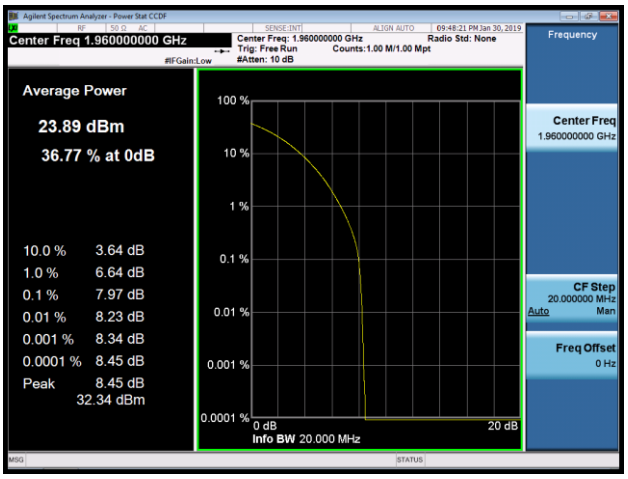
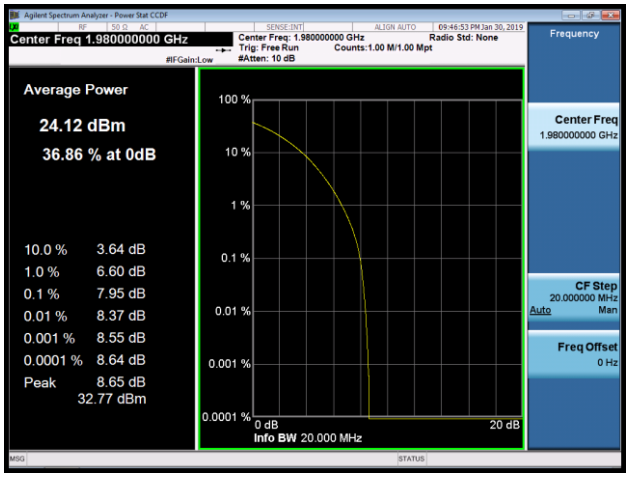
Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)		Limit (dBm)	Result
			Ant 0	Ant 1		
QPSK						
700	1940.0	20	7.96	7.97	≤ 13.00	Pass
900	1960.0	20	7.96	7.97	≤ 13.00	Pass
1100	1980.0	20	7.94	7.95	≤ 13.00	Pass
16QAM						
700	1940.0	20	7.96	7.99	≤ 13.00	Pass
900	1960.0	20	7.93	7.97	≤ 13.00	Pass
1100	1980.0	20	7.92	7.94	≤ 13.00	Pass
64QAM						
700	1940.0	20	7.96	7.97	≤ 13.00	Pass
900	1960.0	20	7.96	7.97	≤ 13.00	Pass
1100	1980.0	20	7.95	7.94	≤ 13.00	Pass
256QAM						
700	1940.0	20	7.97	7.97	≤ 13.00	Pass
900	1960.0	20	7.96	7.95	≤ 13.00	Pass
1100	1980.0	20	7.97	7.93	≤ 13.00	Pass

Peak to Average Ratio - Ant 0 (QPSK)	
20MHz Channel Bandwidth	
1940.0MHz	1960.0MHz
	
1980.0MHz	
	

Peak to Average Ratio - Ant 0 (16QAM)	
20MHz Channel Bandwidth	
1940.0MHz	1960.0MHz
	
1980.0MHz	
	

Peak to Average Ratio - Ant 0 (64QAM)	
20MHz Channel Bandwidth	
1940.0MHz	1960.0MHz
	
1980.0MHz	
	

Peak to Average Ratio - Ant 0 (256QAM)	
20MHz Channel Bandwidth	
1940.0MHz	1960.0MHz
	
1980.0MHz	
	

Peak to Average Ratio - Ant 1 (QPSK)	
20MHz Channel Bandwidth	
1940.0MHz	1960.0MHz
	
1980.0MHz