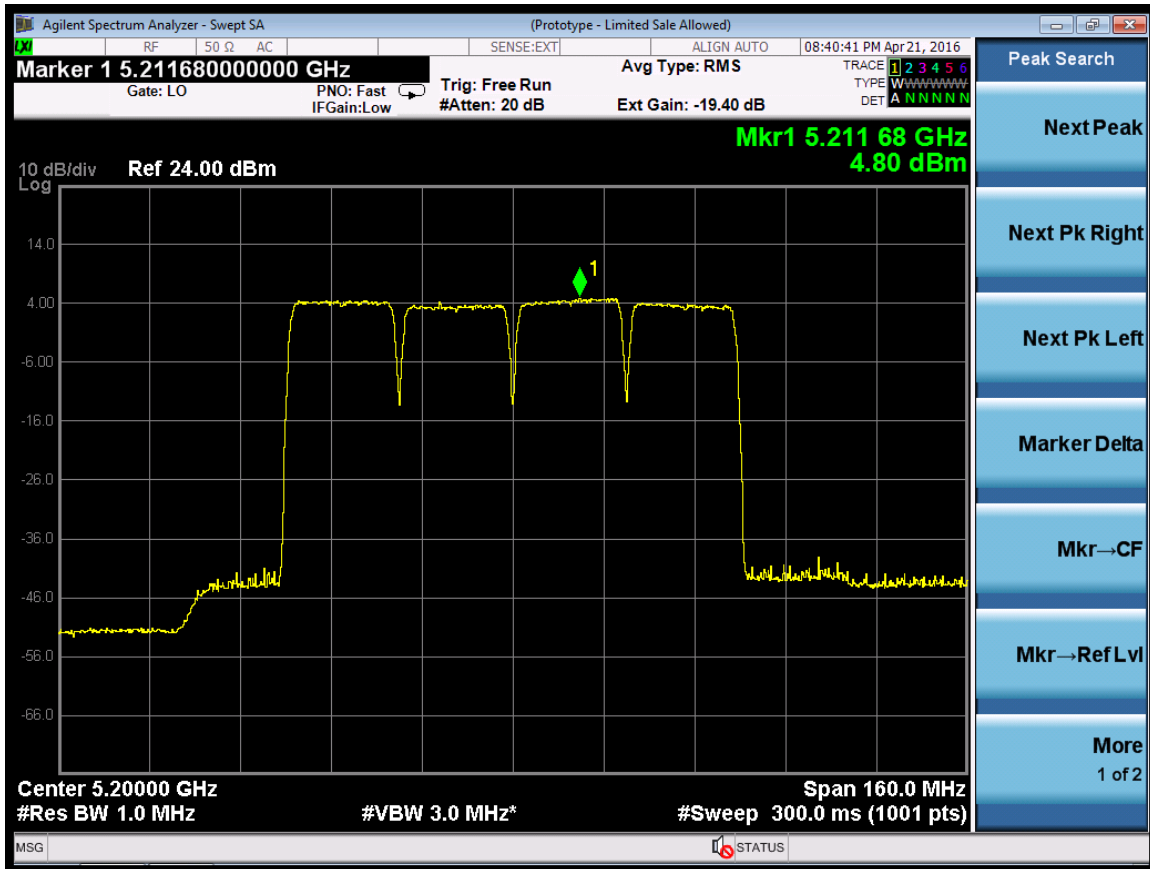
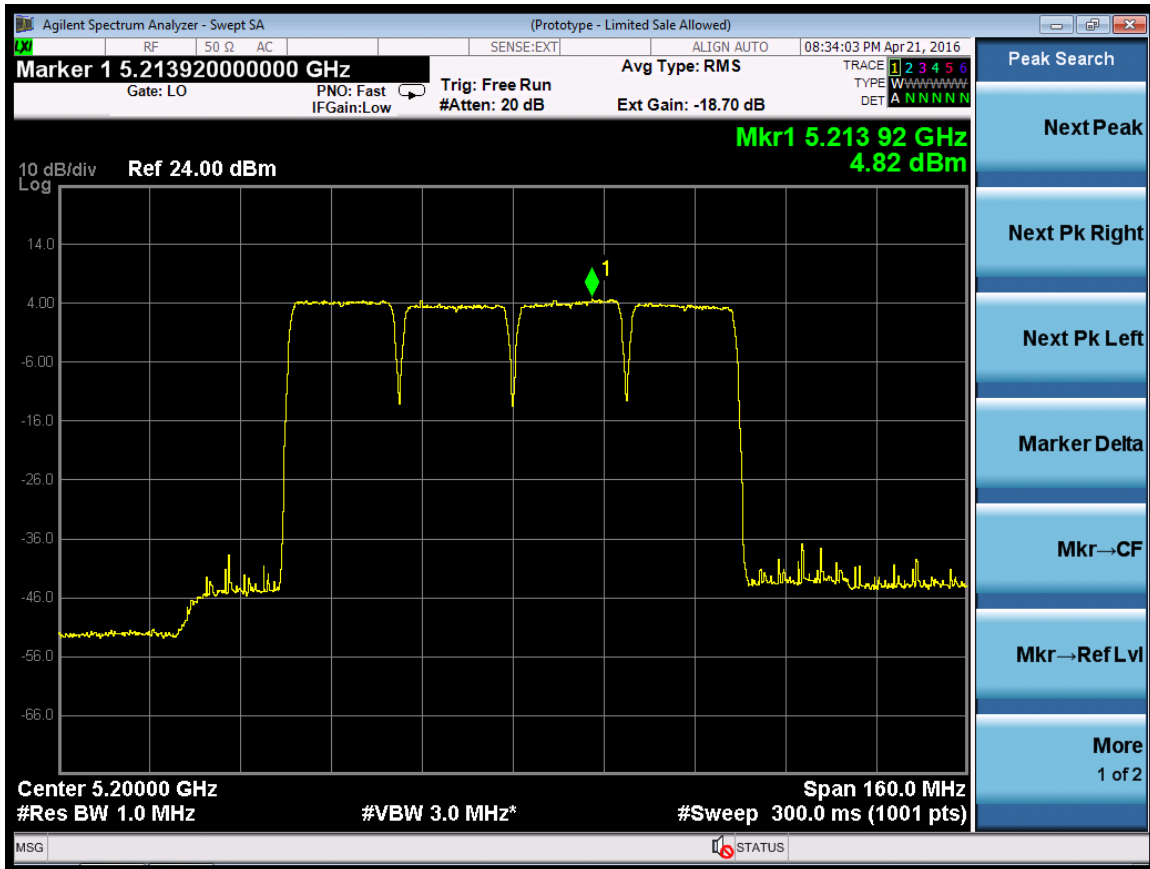
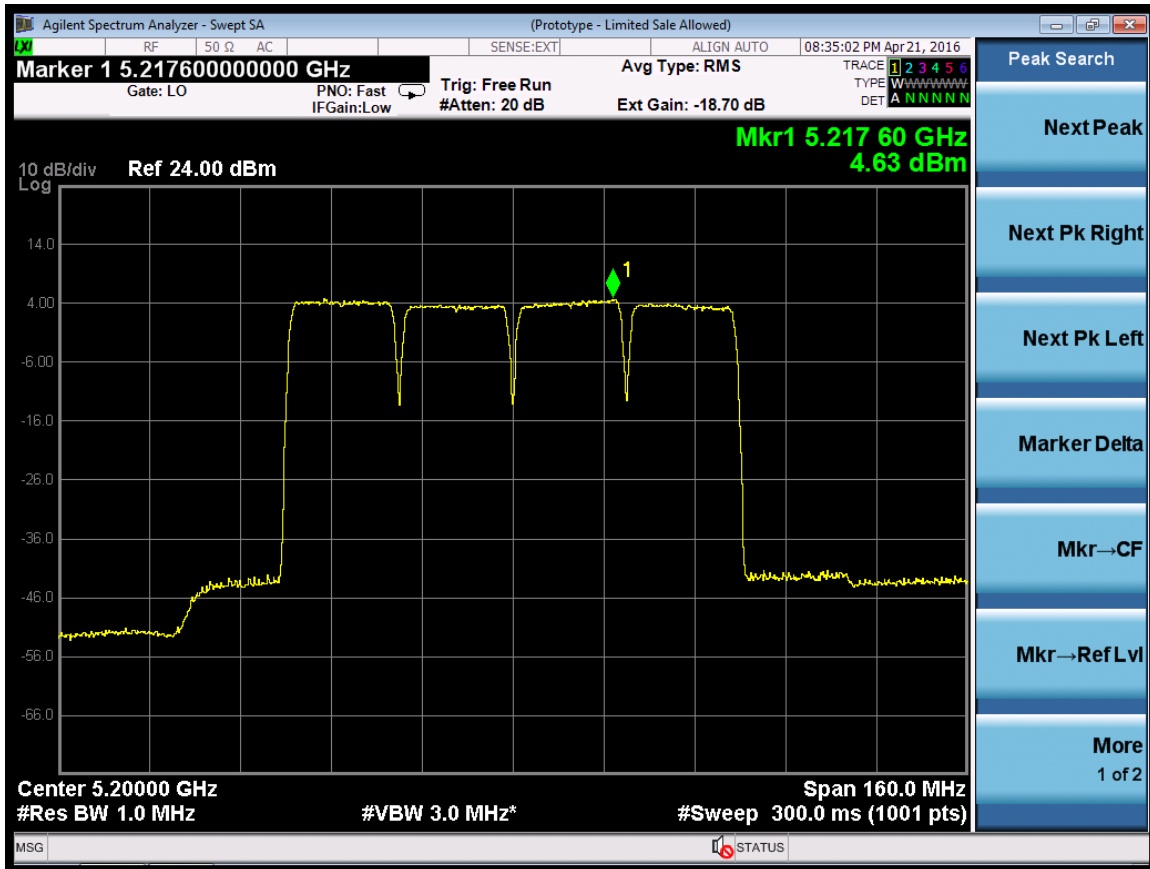
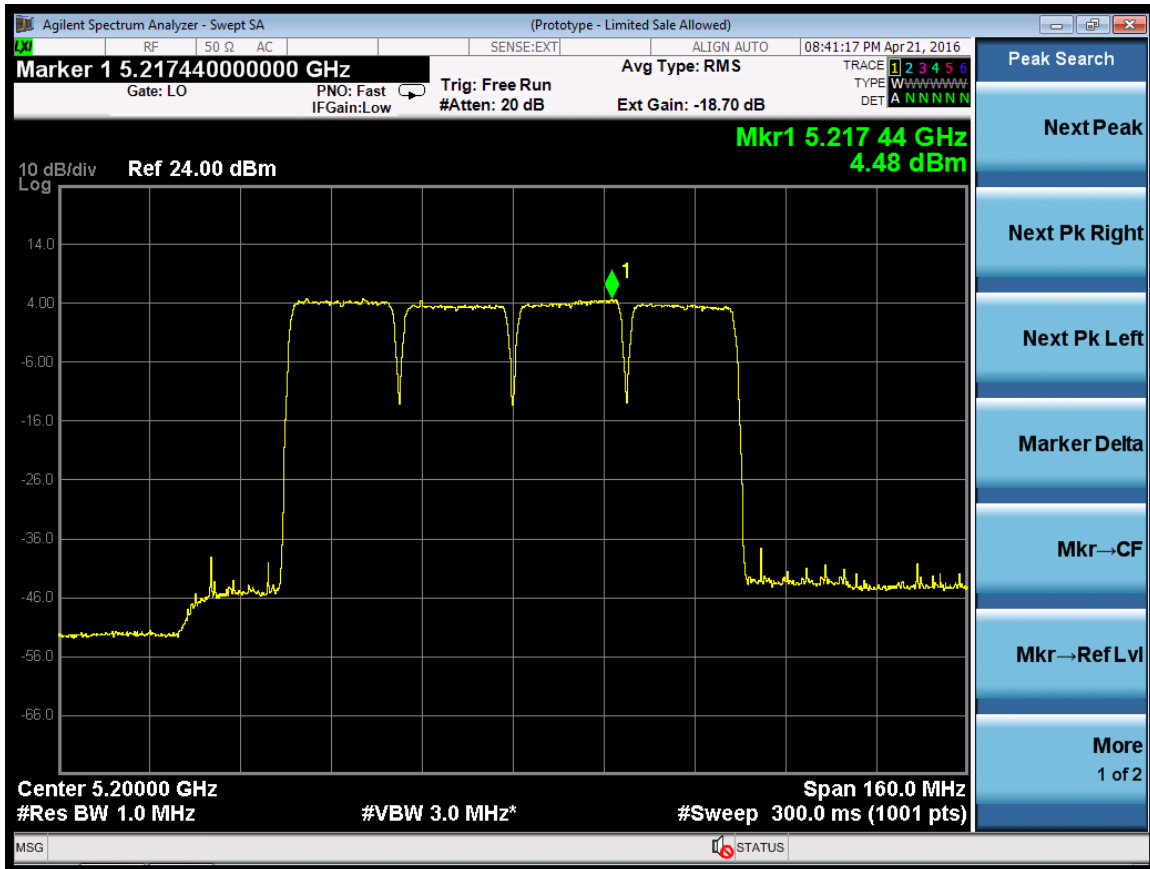


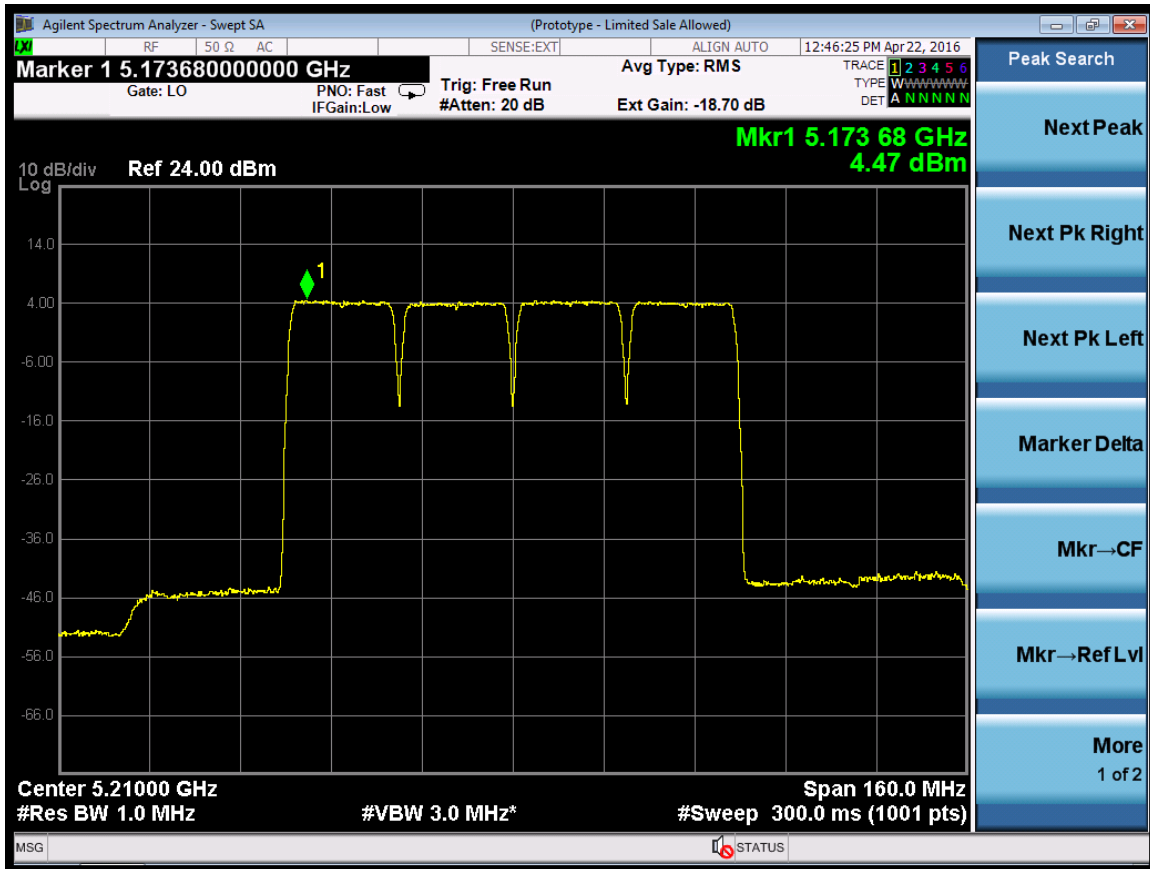


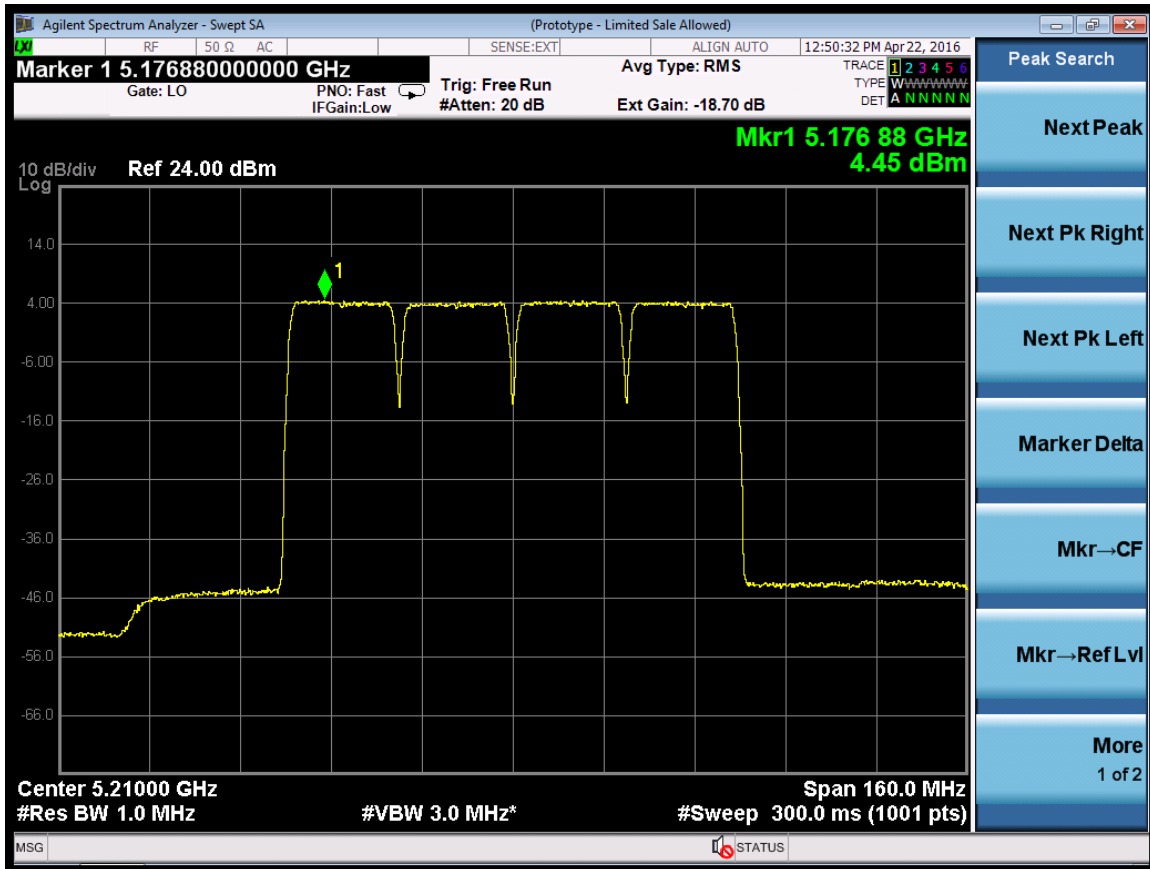


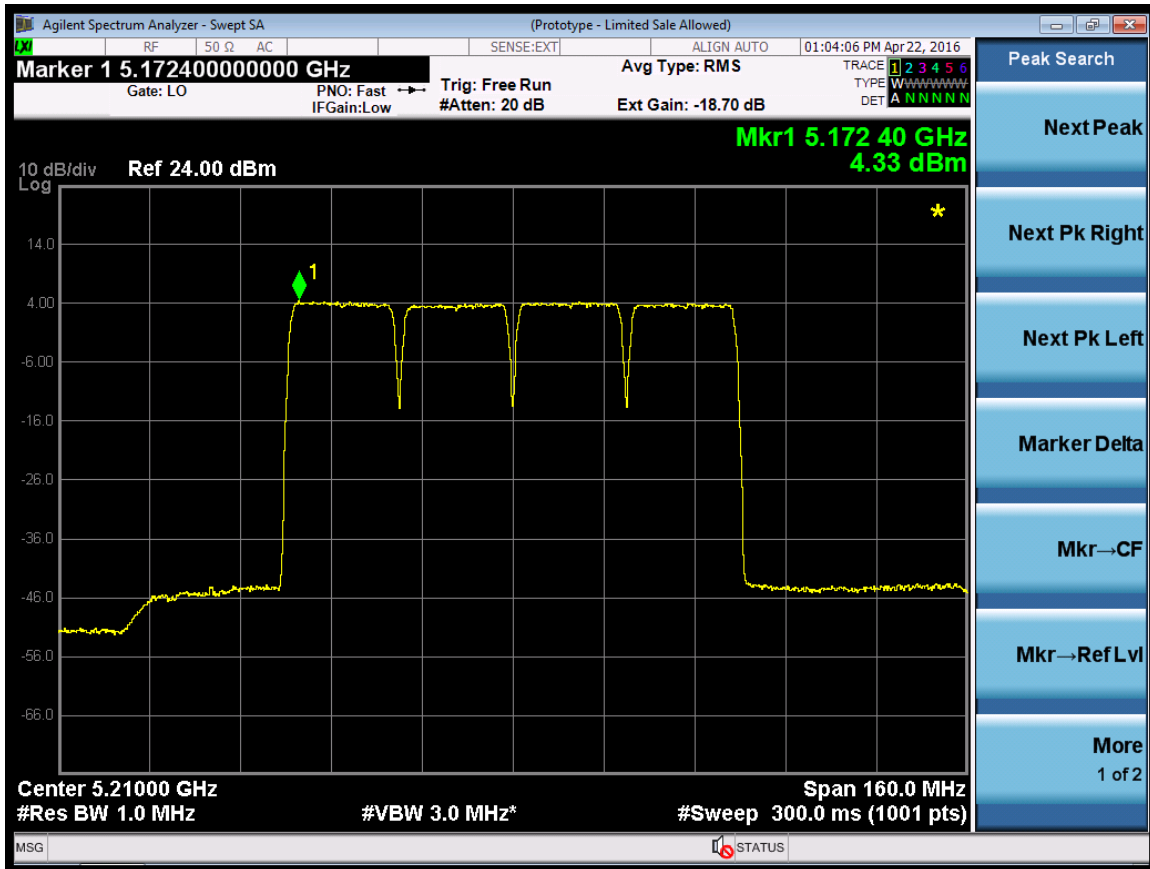


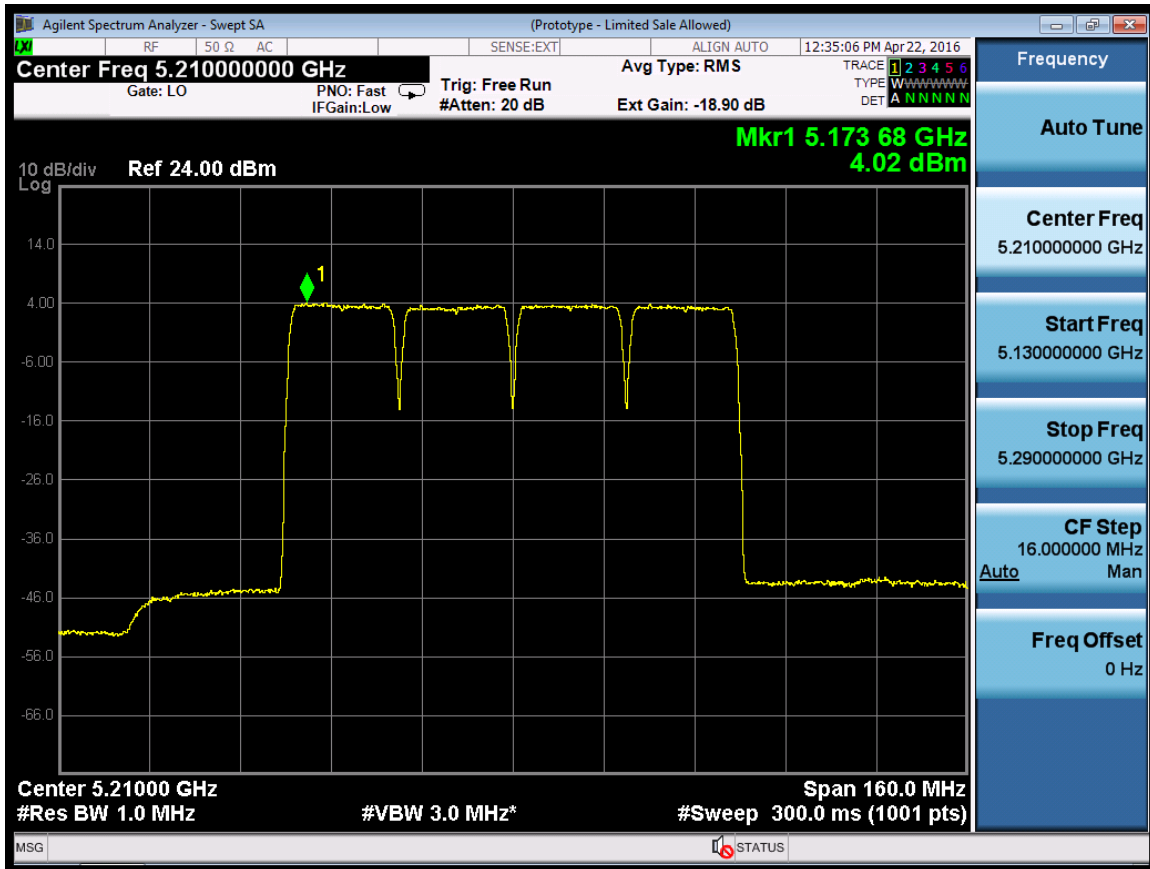


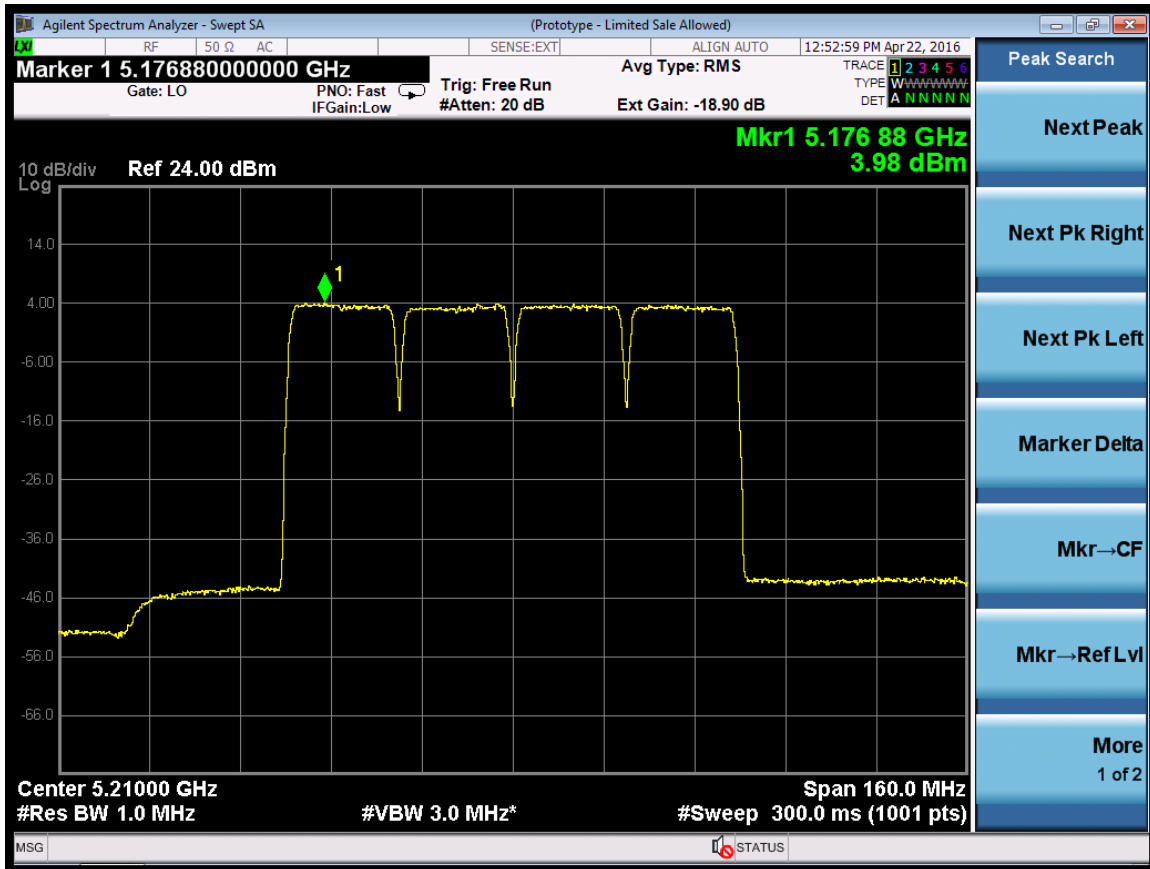


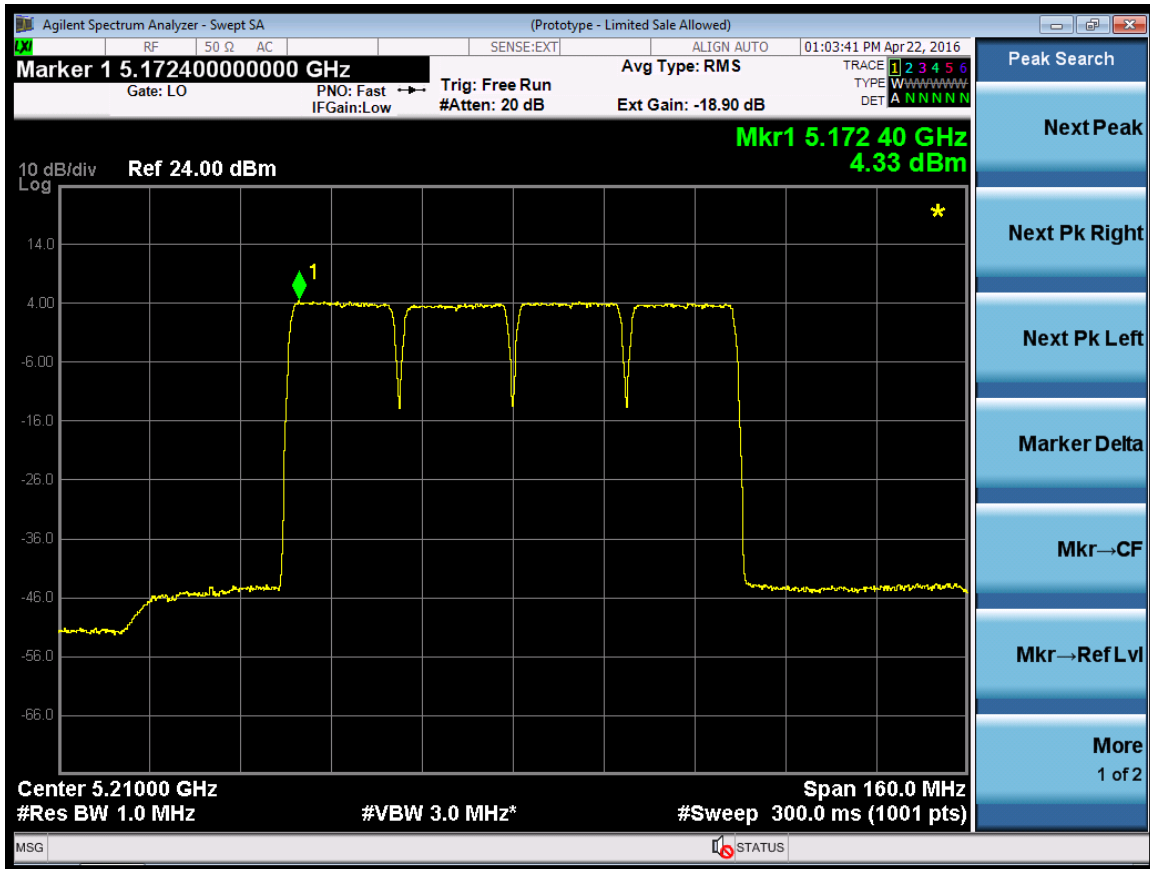


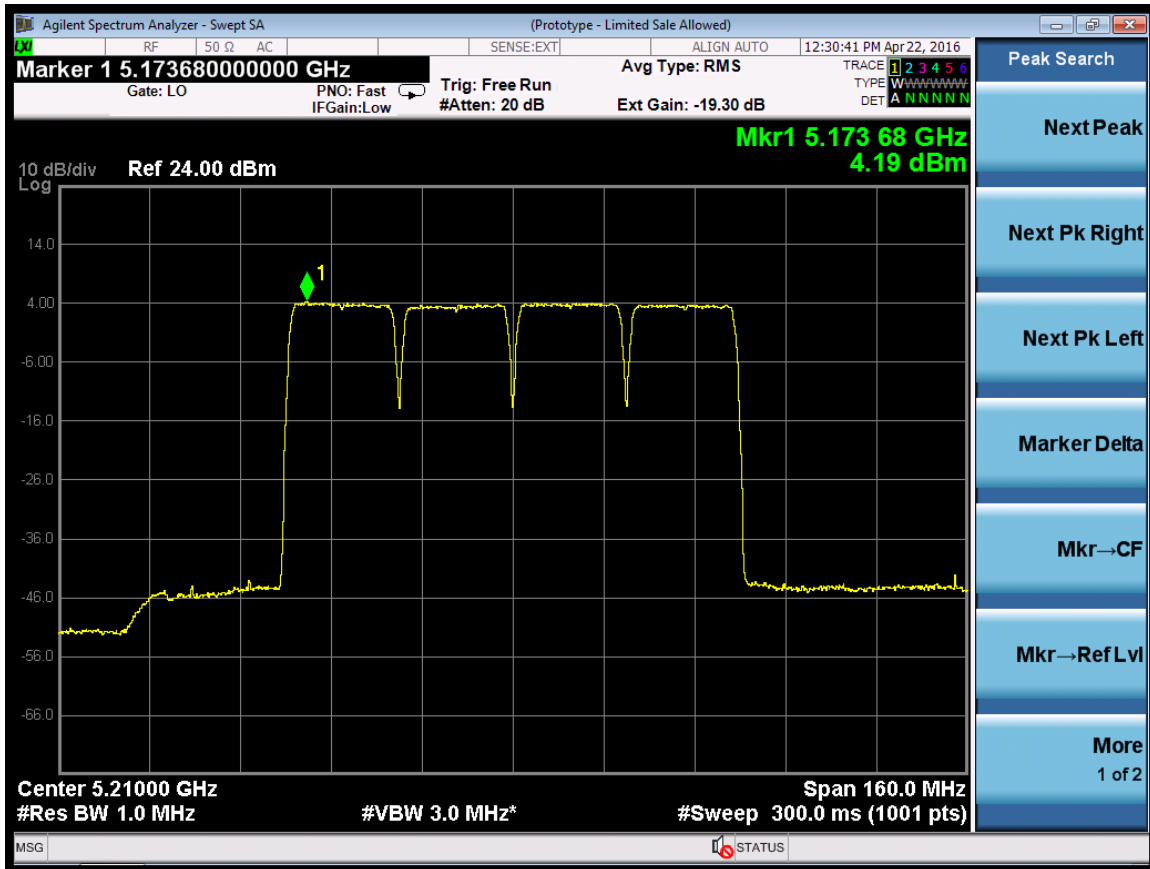


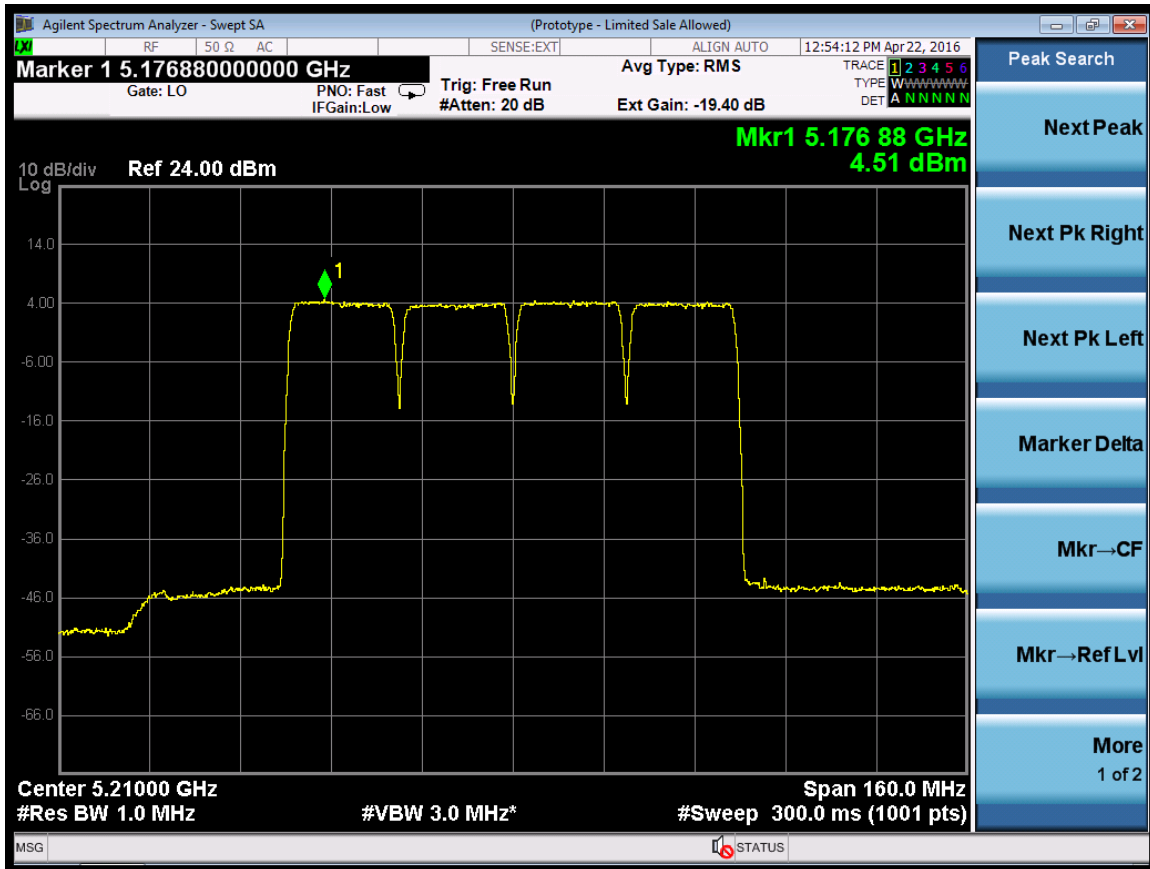


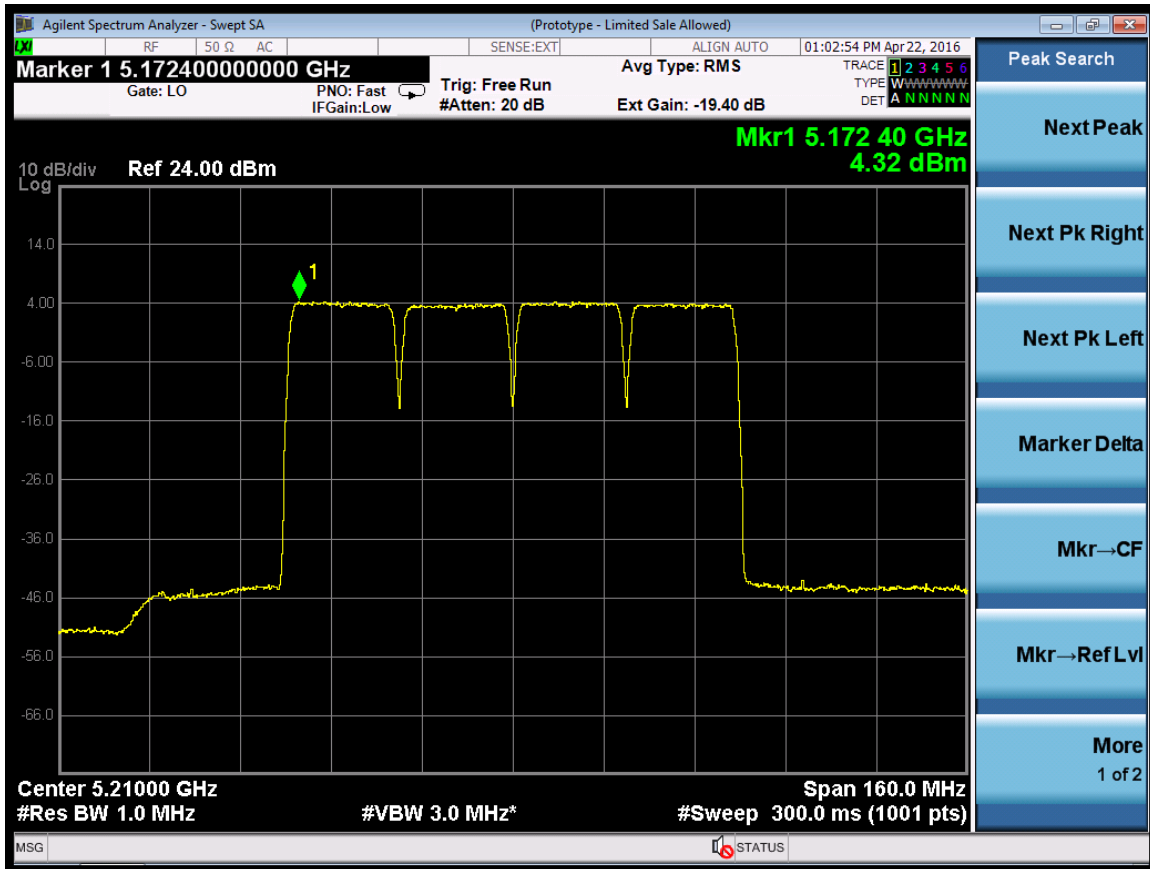


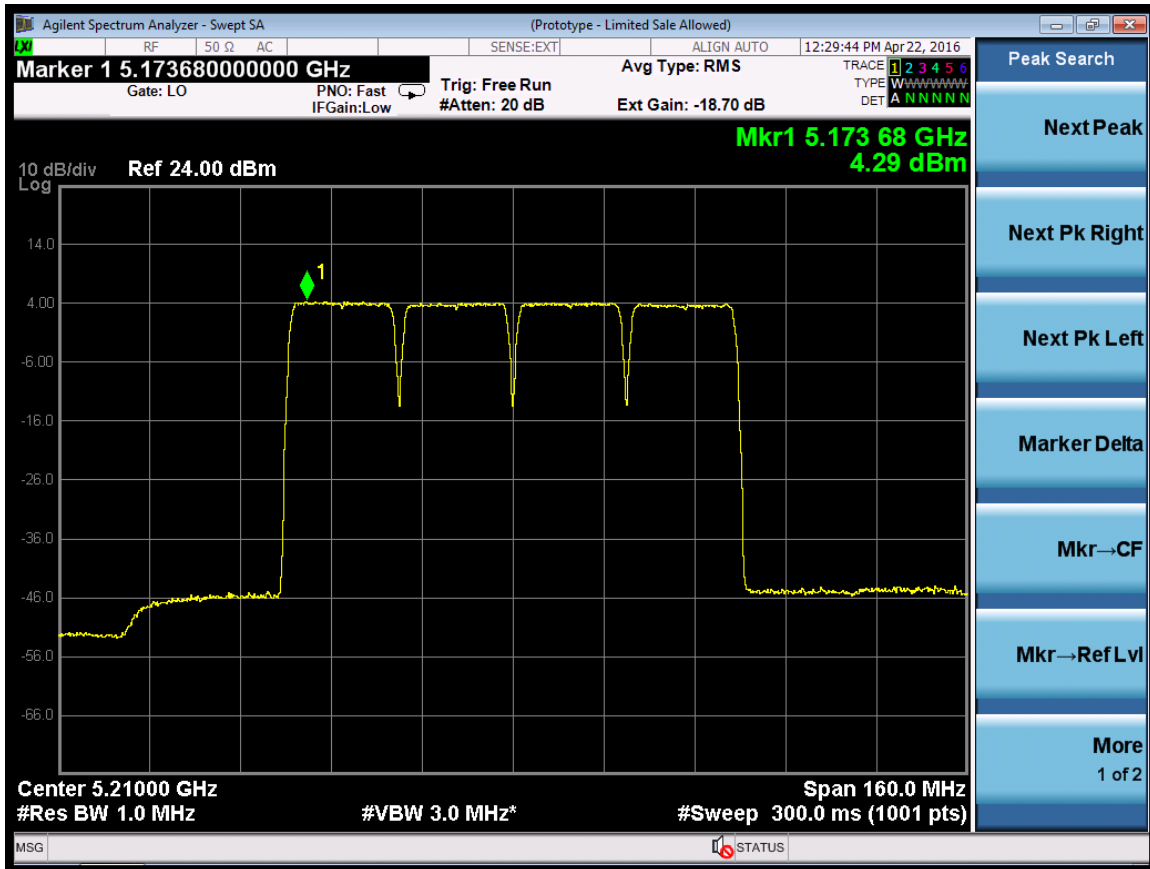




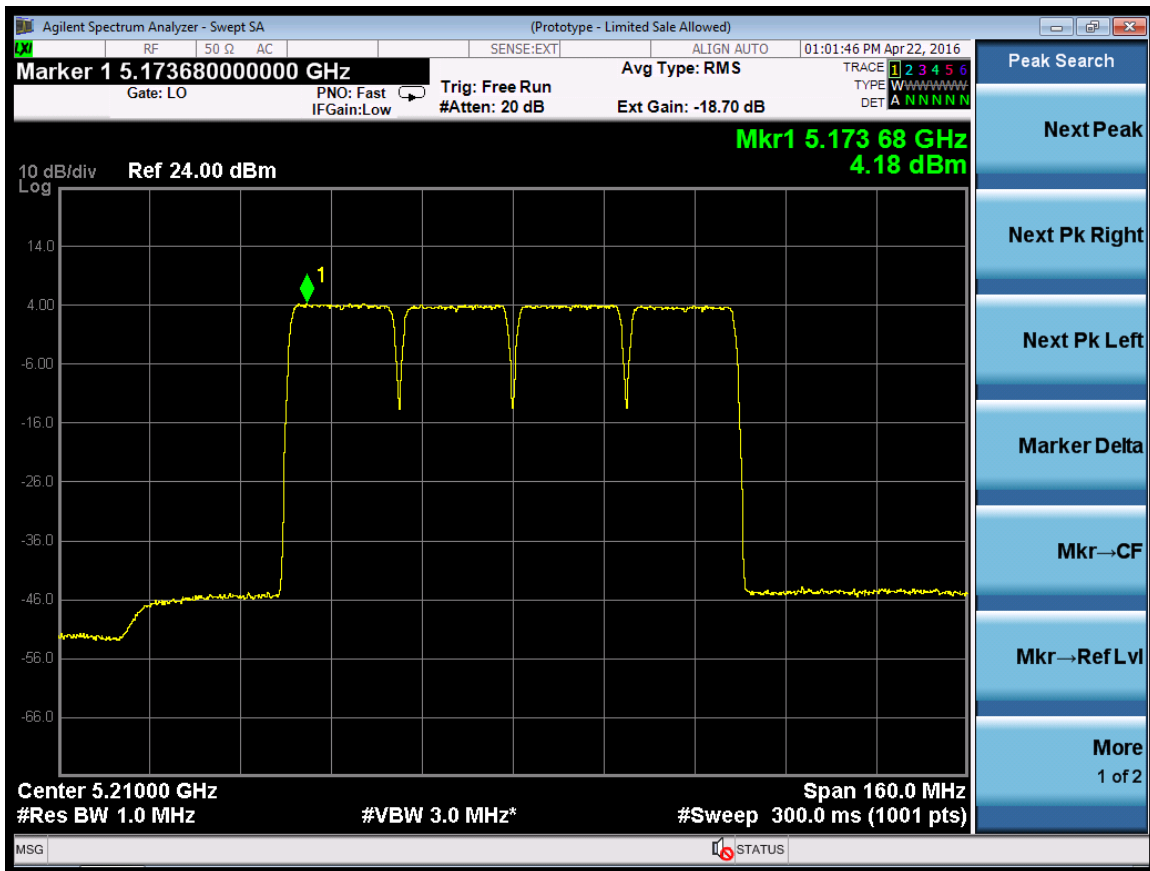


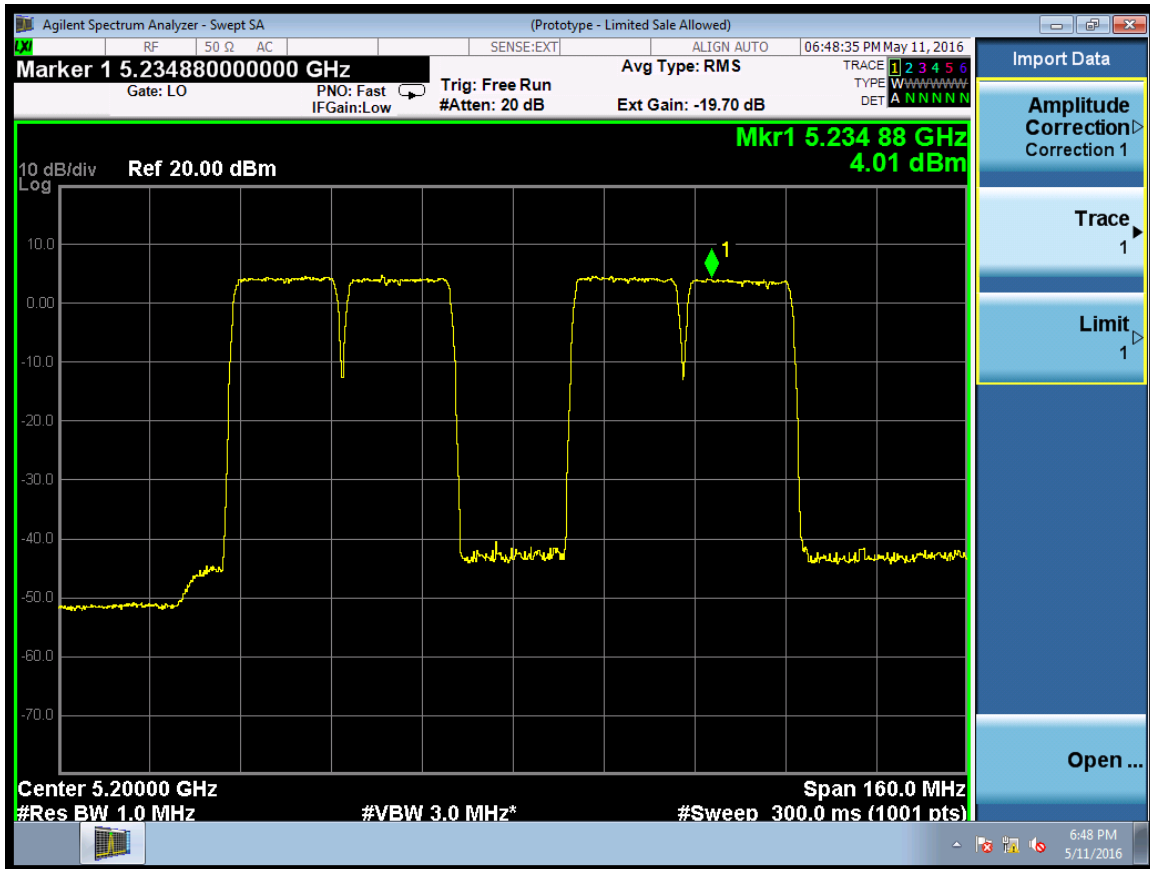


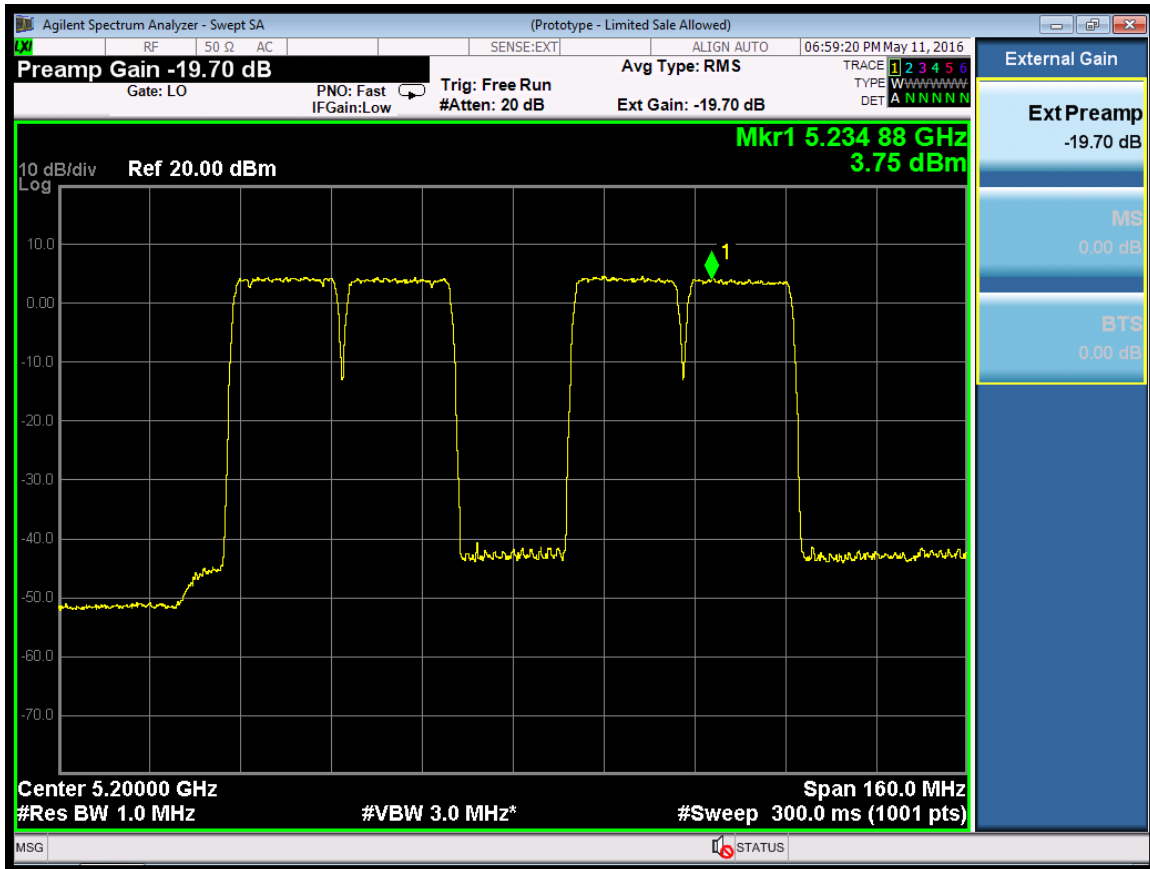


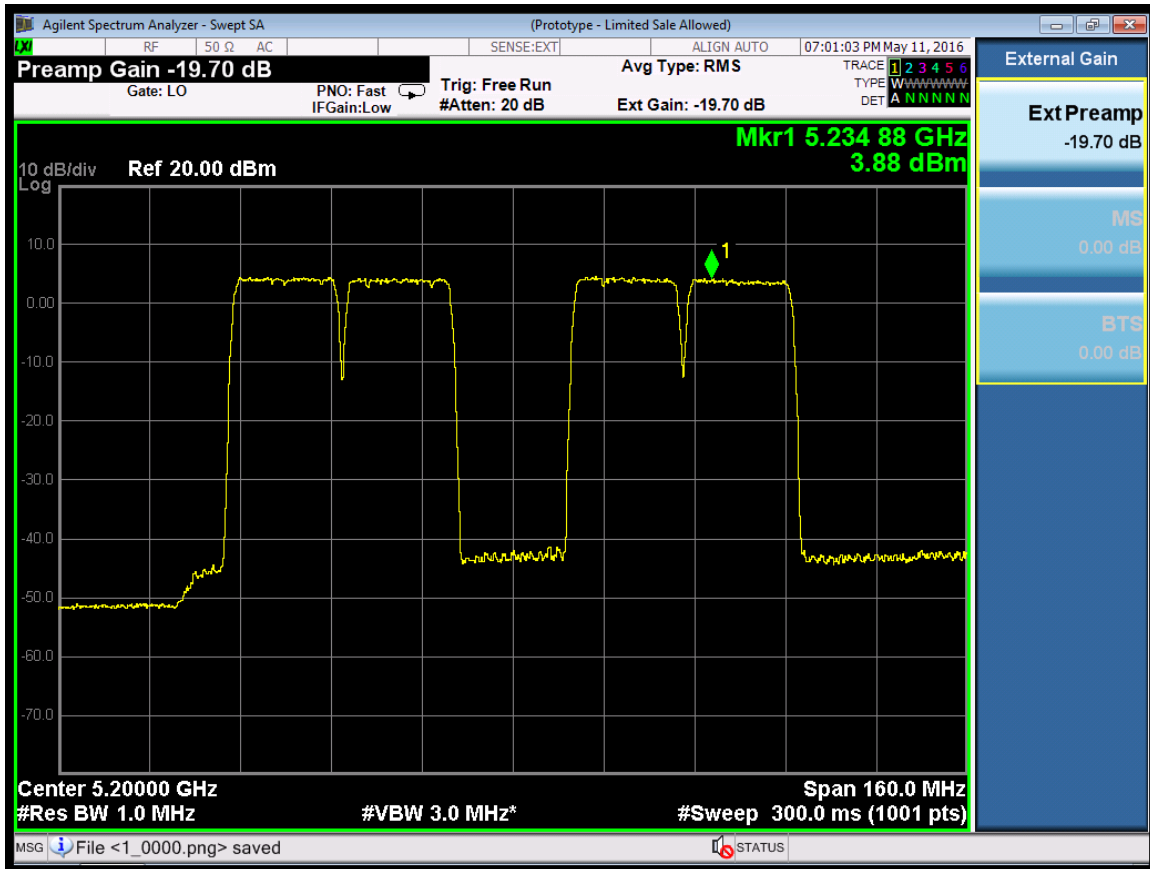


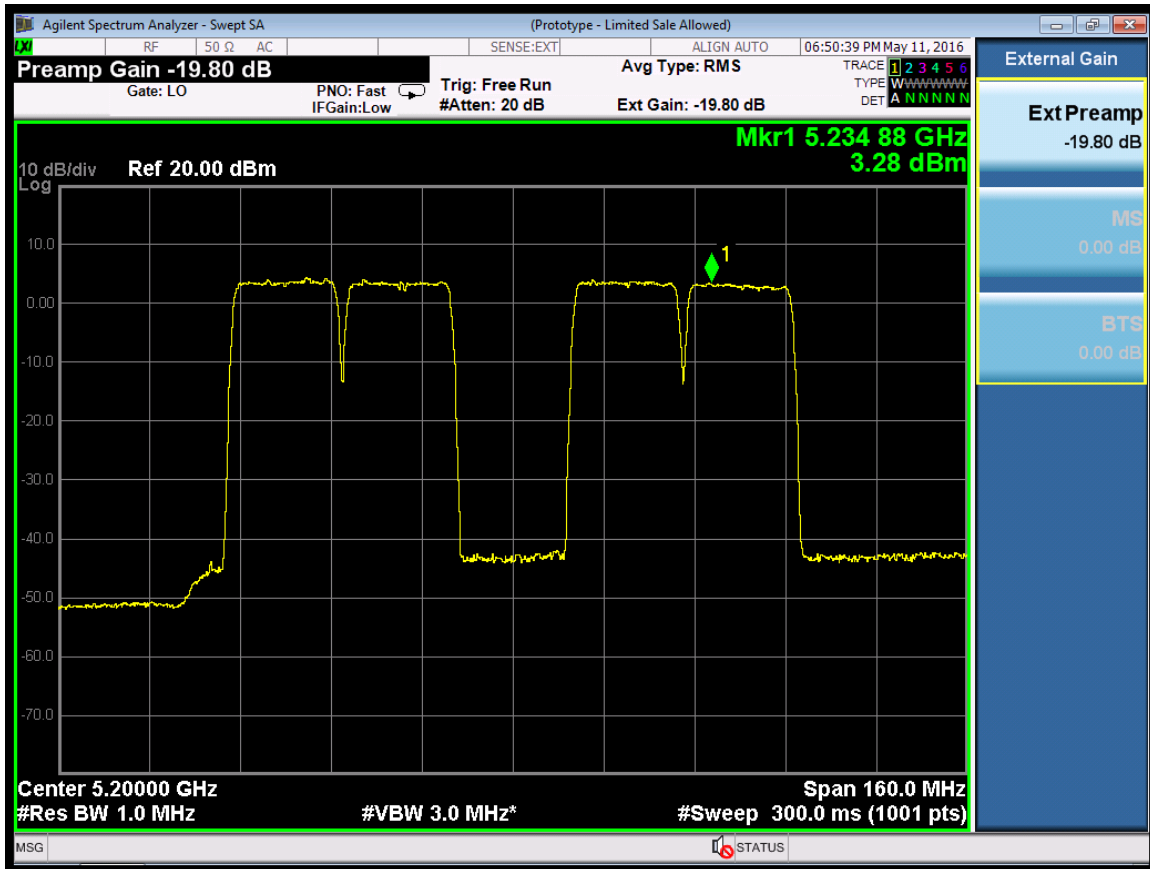


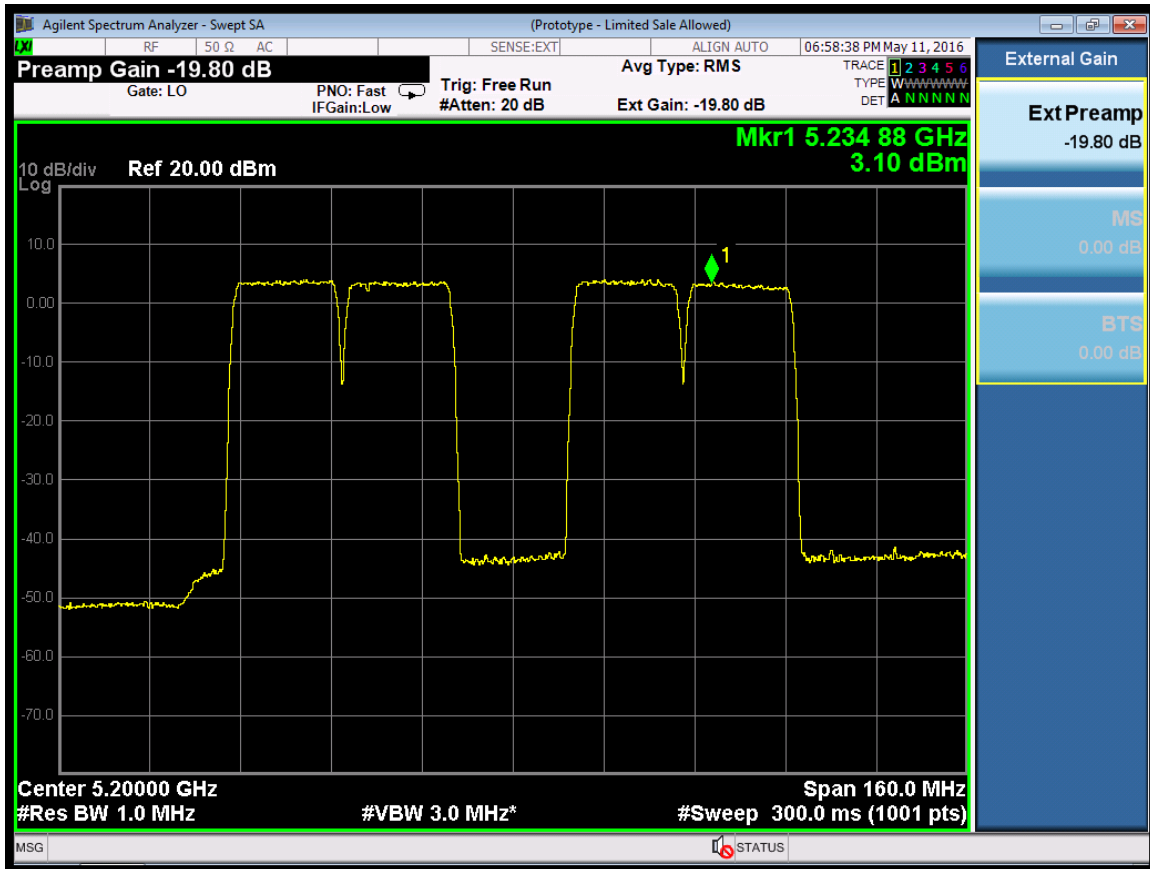


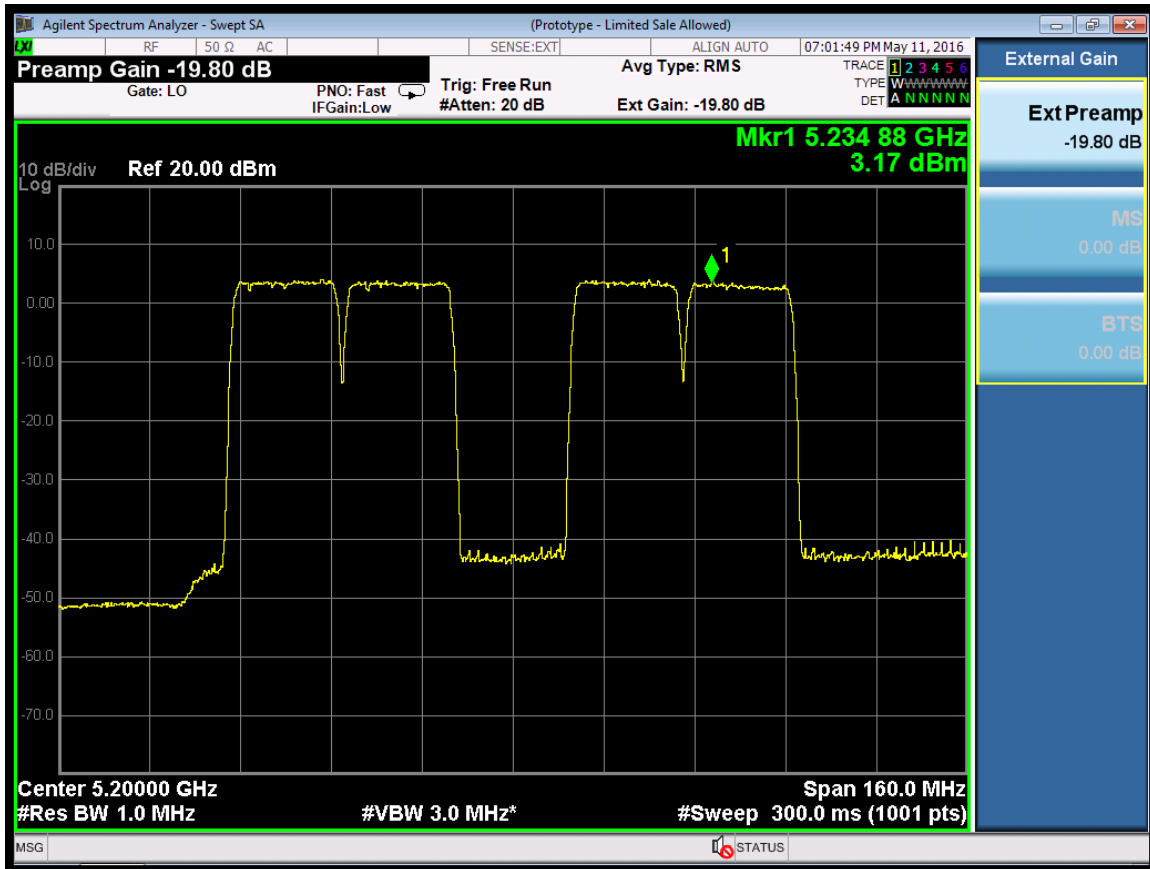


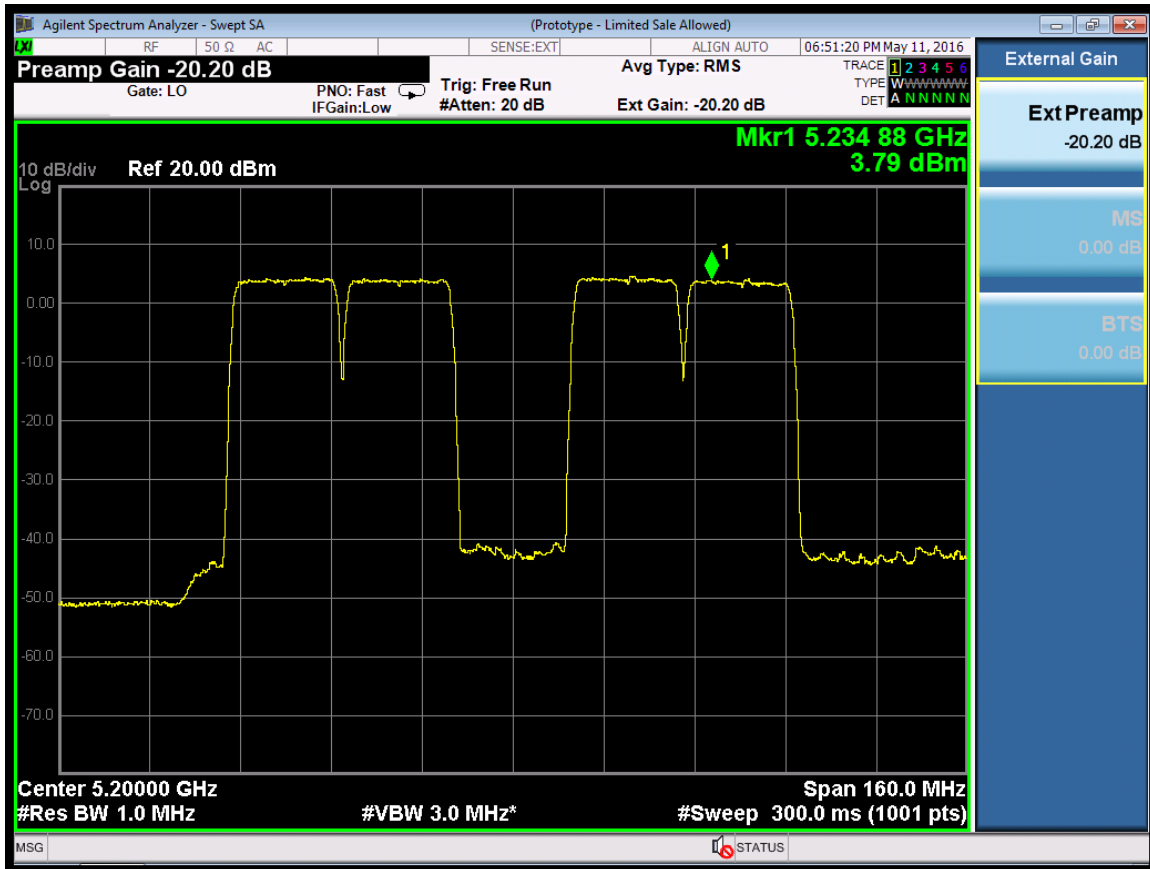






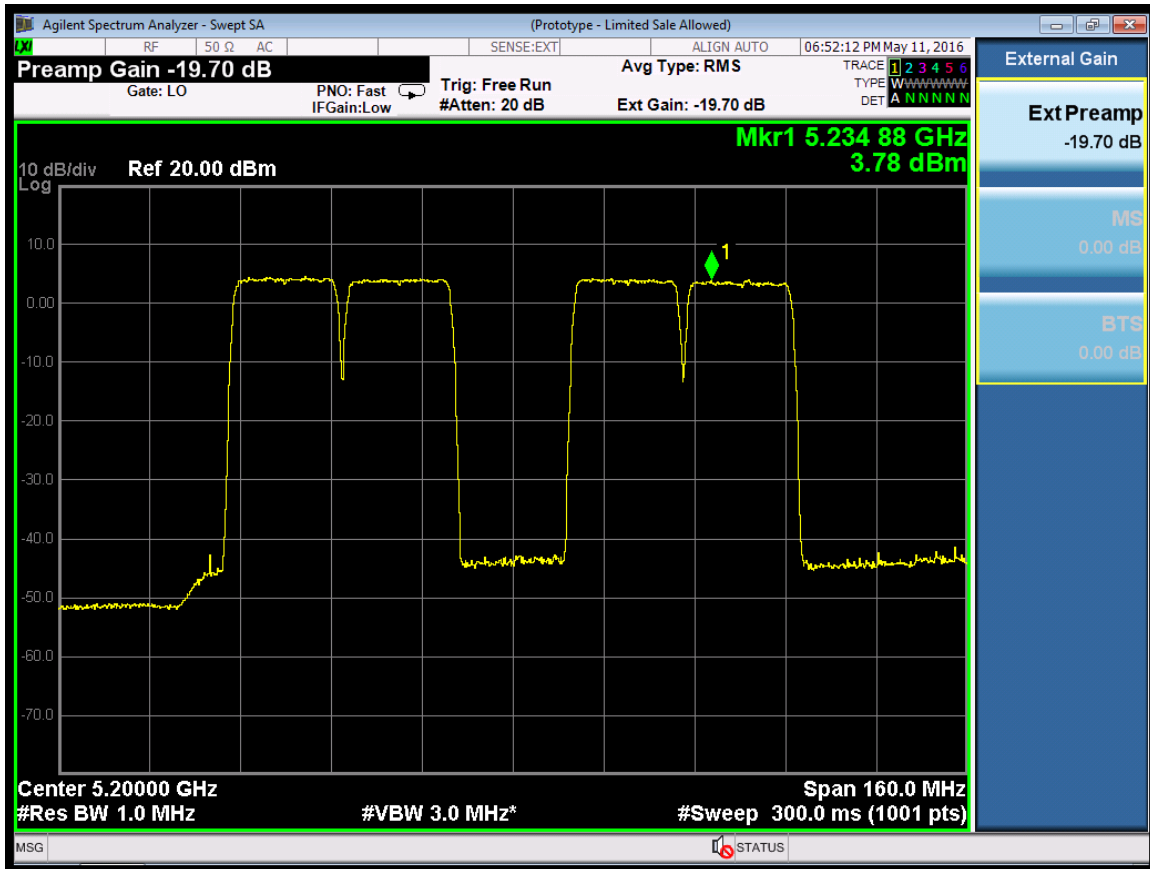




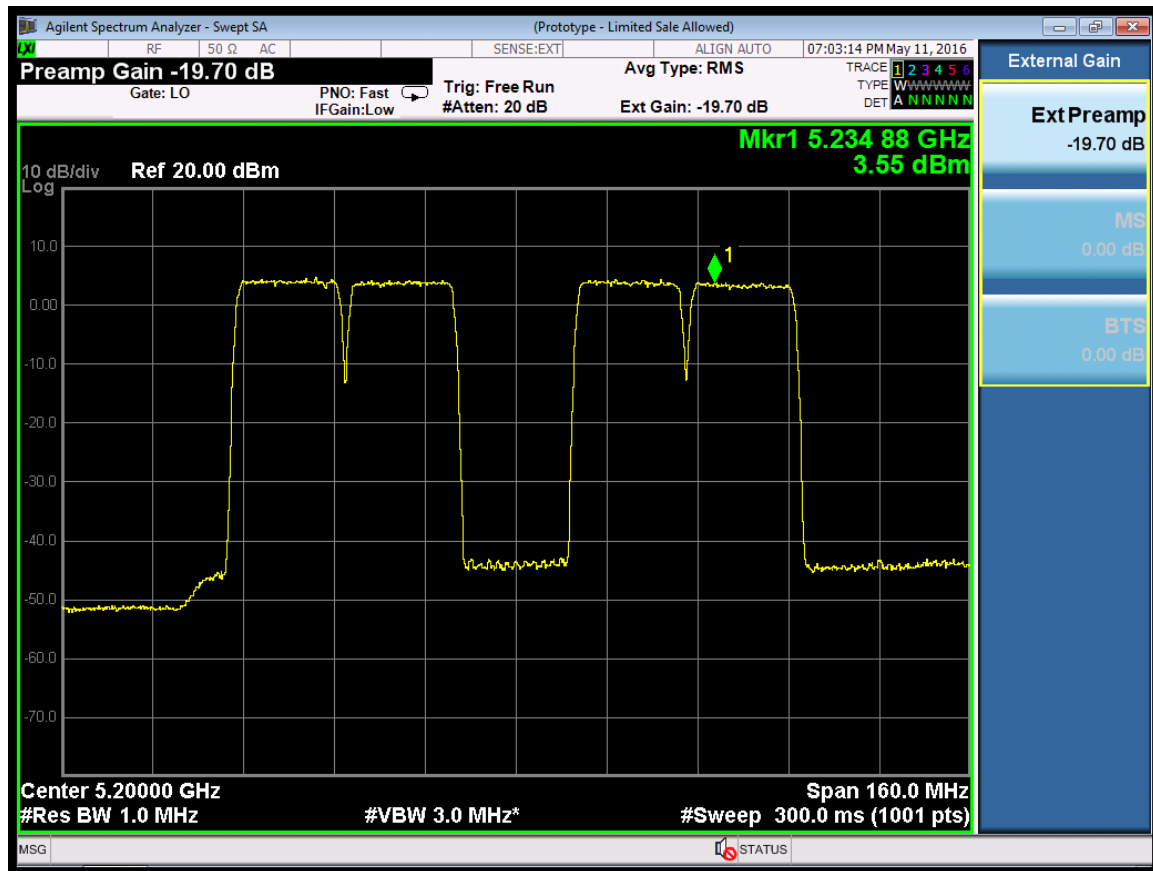












7 SPURIOUS EMISSIONS

Applicable Standard: FCC§15.407(b)

(a)For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(b)Unwanted spurious emission fallen in restricted bands per FCC Part15.205 shall comply with the general field limits set forth in §15.209 as below table,

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30

1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	50	3

c) KDB789033 v01 G)2)c) As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27dBm/MHz or -17dBm/MHz peak emission limit.

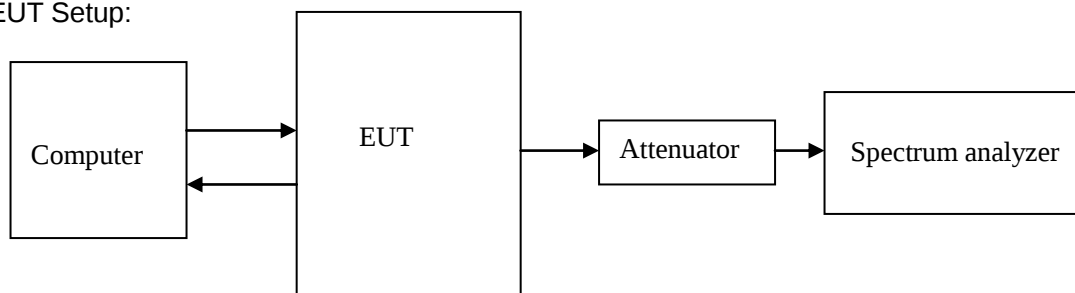
Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Agilent	MXA Series Spectrum Analyzer	N9020A	MY51240300	2015.12.10	2016.12.10
Agilent	MXA Series Spectrum Analyze	N9030A	MY53310566	2015.06.28	2016.06.28
Greentech	10dB Attenuator	SGR-SJQ-10	09112005	2015.06.13	2016.06.13

***statement of traceability:** ZTE Corporation Reliability Testing Center attest that all calibration have been performed per the NVLAP requirements, traceable to NIST.

Test Procedure

EUT Setup:



The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation.

Test Data Environmental Conditions

Temperature:	20 °C
Relative Humidity:	53 %
ATM Pressure:	1009 mbar

Test Result: Pass

Test Mode: Transmitting OFDM MIMO Access Point

Test Data:

Channel Bandwidth: 20M

Port	Carrier Freq. (MHz)	Spurious Emissions								
		QPSK			16QAM			64QAM		
		30M-1G	1G-10G	10G-26.5 G	30M-1G	1G-10G	10G-26.5 G	30M-1G	1G-10G	10G-26.5 G
0	5160	-63.75	-54.18	-56.51	-63.94	-54.17	-56.61	-63.42	-54.55	-56.12
1		-63.48	-54.27	-56.63	-64.01	-54.65	-56.8	-63.79	-54.51	-55.89
2		-63.66	-54	-56.24	-63.9	-54.45	-56.22	-63.87	-54	-55.37
3		-63.75	-54.32	-56.39	-63.14	-54.46	-56.29	-69.66	-54.31	-55.5
0	5200	-64.32	-54.53	-52.77	-63.34	-53.88	-52.2	-63.9	-54.84	-51.89
1		-63.62	-54.1	-53.2	-63.64	-54.69	-52.55	-64.06	-54.11	-51.97
2		-64.22	-54.92	-52.64	-63.35	-54.17	-51.96	-63.61	-54.43	-51.66
3		-63.67	-55.13	-53.28	-63.99	-55.07	-52.61	-63.93	-54.37	-52.29
0	5240	-64.13	-54.45	-50.9	-64.13	-54.51	-50.69	-63.7	-54.75	-50.19
1		-64.08	-54.86	-50.54	-63.89	-54.41	-50.34	-63.67	-54.11	-49.86
2		-63.96	-54.58	-50.45	-63.57	-54.07	-50.31	-63.4	-54.3	-50.25
3		-63.51	-54.64	-50.77	-63.54	-54.09	-50.53	-63.94	-54.36	-50.05

Channel Bandwidth: 20M

Port	Carrier Freq. (MHz)	Spurious Emissions					
		QPSK		16QAM		64QAM	
		BAND EDGE		BAND EDGE		BAND EDGE	
		5150MHz	5350MHz	5150MHz	5350MHz	5150MHz	5350MHz
0	5160	-51.34	-57.67	-50.48	-56.3	-52.03	-58.36
1		-51.95	-59.19	-50.92	-56.87	-52.98	-58.64
2		-50.62	-55.86	-50.74	-56.08	-51.64	-56.67
3		-50.14	-56.06	-51.25	-56.58	-51.82	-57.12
0	5200	-57.62	-56.21	-58.95	-56.59	-57.68	-56.27
1		-58.21	-56.1	-58.76	-56.79	-58.4	-55.4
2		-55.66	-55.28	-56.71	-54.15	-56.38	-54.89
3		-56.37	-55.47	-57.19	-55.2	-57.47	-55.23
0	5240	-58.05	-57.34	-58.95	-56.79	-58.27	-55.93
1		-57.56	-55.81	-57.14	-55.82	-58.83	-56.6
2		-55.45	-55.27	-55.98	-55.36	-55.75	-54.86
3		-57.64	-55.52	-55.97	-54.8	-56.87	-56.16

Channel Bandwidth: 20+20+20+20M

Port	Carrier Freq. (MHz)	Spurious Emissions								
		QPSK			16QAM			64QAM		
		30M-1G	1G-10G	10G-26.5G	30M-1G	1G-10G	10G-26.5G	30M-1G	1G-10G	10G-26.5G
0	5160+5180+5200+5220	-63.73	-54.56	-56.28	-63.15	-55.38	-56.34	-62.75	-54.95	-56.91
1		-62.28	-54.3	-56.7	-62.67	-54.01	-56.56	-63.45	-54.7	-56.53
2		-62.49	-54.24	-56.53	-63.46	-53.9	-56.57	-63.17	-54.32	-56.2
3		-62.22	-54.59	-57.58	-63.24	-54.65	-57.83	-62.82	-54.01	-57.29
0	5170+5190+5210+5230	-62.97	-54.63	-58.04	-63.13	-54.37	-57.87	-63.28	-54.59	-58.06
1		-63.09	-54.36	-58.58	-63.28	-54.47	-58.31	-62.72	-54.28	-57.37
2		-63.36	-54.43	-58.47	-62.99	-53.8	-57.92	-62.57	-54.25	-57.75
3		-62.42	-54.33	-58.7	-63.47	-54.45	-58.57	-63.13	-54.62	-58.32
0	5180+5200+5220+5240	-63.08	-54.08	-57.51	-62.61	-54.45	-57.83	-62.88	-54.07	-57.81
1		-62.67	-54.35	-57.41	-62.82	-54.49	-57.39	-63.25	-54.36	-57.42
2		-63.44	-54.03	-56.35	-62.62	-54.23	-56.33	-63.13	-54.35	-57.68
3		-63.22	-54.99	-57.69	-63.14	-53.82	-57.6	-62.72	-54.37	-57.85
0	5160+5180+5220+5240	-63.68	-54.17	-56.69	-63.57	-54.19	-56.06	-64.05	-54.47	-56.41
1		-64.33	-53.96	-57.57	-63.81	-54.55	-57.21	-63.97	-54.87	-57.63
2		-63.06	-54.39	-57.05	-63.67	-54.69	-56.73	-63.99	-54.7	-56.97
3		-63.13	-54.87	-56.91	-63.54	-54.69	-56.5	-63.8	-54.6	-56.75

Channel Bandwidth: 20+20+20+20M

Port	Carrier Freq. (MHz)	Spurious Emissions					
		QPSK		16QAM		64QAM	
		BAND EDGE		BAND EDGE		BAND EDGE	
		5150MHz	5350MHz	5150MHz	5350MHz	5150MHz	5350MHz
0	5160+5180+5200+5220	-53.42	-55.41	-53.39	-54.6	-53.01	-53.84
1		-53.07	-53.22	-53.4	-54.12	-54.84	-55.15
2		-54.03	-53.62	-52.61	-53.41	-54.86	-53.21
3		-54.15	-53.49	-53.05	-53.89	-54.09	-52.29
0	5170+5190+5210+5230	-53.77	-55.32	-55.54	-54.59	-54.81	-54.95
1		-53.12	-54.99	-54.25	-54.14	-54.85	-53.07
2		-55.65	-53.72	-55.7	-55.84	-56.13	-55.38
3		-54.82	-53.67	-54.68	-53.32	-54.52	-53.94
0	5180+5200+5220+5240	-56.26	-54.22	-55.94	-54.96	-55.43	-55.28
1		-55.84	-55.11	-55.13	-54.1	-55.7	-53.95
2		-53.9	-53.93	-54.06	-53.07	-54.1	-52.94
3		-56.28	-52.5	-53.87	-53.58	-56.61	-52.99
0	5160+5180+5220+5240	-52.67	-51.74	-53.81	-51.85	-55.7	-52.67
1		-54.14	-53.45	-53.69	-52.96	-55	-53.45
2		-53.93	-53.98	-53.67	-54.55	-53.95	-52.88
3		-53.69	-54.2	-54.55	-55.24	-53.99	-53.24

Channel Bandwidth: 20M (4 port)

Carrier Freq. (MHz)	Spurious Emissions(EIRP)								
	QPSK			16QAM			64QAM		
	30M-1G	1G-10G	10G-26.5G	30M-1G	1G-10G	10G-26.5G	30M-1G	1G-10G	10G-26.5G
5160	-51.64	-42.17	-44.42	-51.71	-42.41	-44.45	-52.57	-42.32	-43.69
5200	-51.93	-42.63	-40.94	-51.55	-42.41	-40.30	-51.85	-42.41	-39.93
5240	-51.89	-42.61	-38.64	-51.76	-42.25	-38.44	-51.65	-42.35	-38.06

Channel Bandwidth: 20M (4 port)

Carrier Freq. (MHz)	Spurious Emissions(EIRP)						Limit (dBm/MHz)
	QPSK		16QAM		64QAM		
	BAND EDGE		BAND EDGE		BAND EDGE		
	5150MHz	5350MHz	5150MHz	5350MHz	5150MHz	5350MHz	
5160	-38.94	-44.98	-38.82	-44.43	-40.07	-45.60	<-27
5200	-44.83	-43.73	-45.77	-43.53	-45.40	-43.40	
5240	-45.03	-43.89	-44.83	-43.61	-45.24	-43.82	

Channel Bandwidth: 20+20+20+20M (4 port)

Carrier Freq. (MHz)	Spurious Emissions(EIRP)									Limit (dBm /MHz)
	QPSK			16QAM			64QAM			
	30M-1G	1G-10G	10G-26.5G	30M-1G	1G-10G	10G-26.5G	30M-1G	1G-10G	10G-26.5G	
5160 +5180 +5200 +5220	-50.62	-42.40	-44.73	-51.10	-42.43	-44.77	-51.02	-42.46	-44.69	<-27
5170 +5190 +5210 +5230	-50.93	-42.42	-46.42	-51.19	-42.24	-46.14	-50.89	-42.41	-45.84	
5180 +5200 +5220 +5240	-51.07	-42.33	-45.19	-50.77	-42.22	-45.23	-50.97	-42.27	-45.67	
5160 +5180 +5220 +5240	-51.50	-42.31	-45.02	-51.63	-42.50	-44.58	-51.93	-42.64	-44.90	

Channel Bandwidth: 20+20+20+20M (4 port)

Carrier Freq. (MHz)	Spurious Emissions(EIRP)						Limit (dBm/MHz)
	QPSK		16QAM		64QAM		
	BAND EDGE		BAND EDGE		BAND EDGE		
	5150MHz	5350MHz	5150MHz	5350MHz	5150MHz	5350MHz	
5160+5180+5200+5220	-41.62	-41.83	-41.08	-41.96	-42.11	-41.48	<-27
5170+5190+5210+5230	-42.21	-42.34	-42.98	-42.36	-43.01	-42.22	
5180+5200+5220+5240	-43.43	-41.82	-42.65	-41.85	-43.34	-41.67	
5160+5180+5220+5240	-41.55	-41.21	-41.89	-41.43	-42.58	-41.03	

