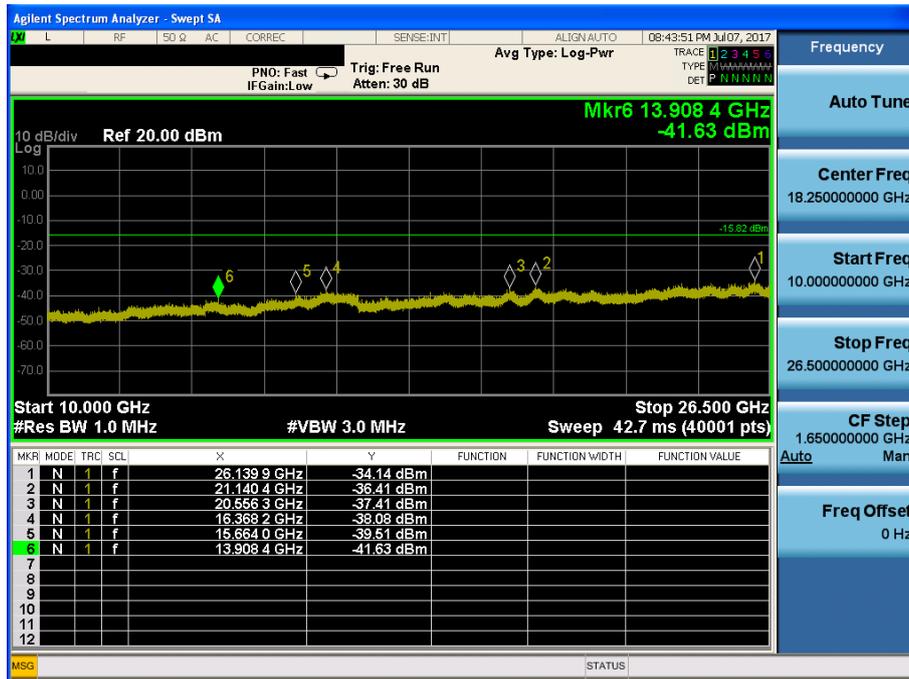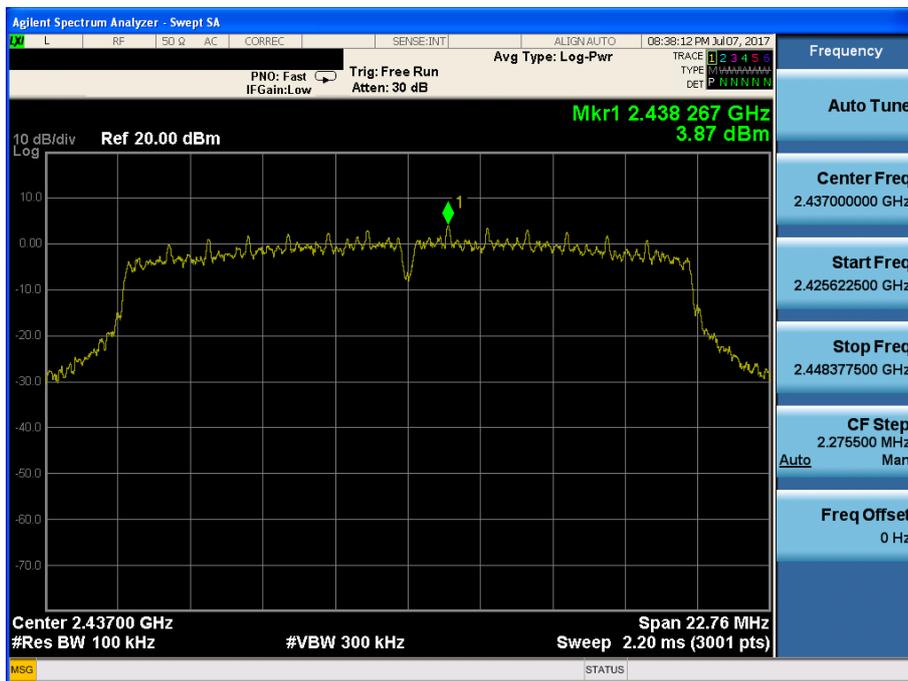## Conducted Spurious Emissions

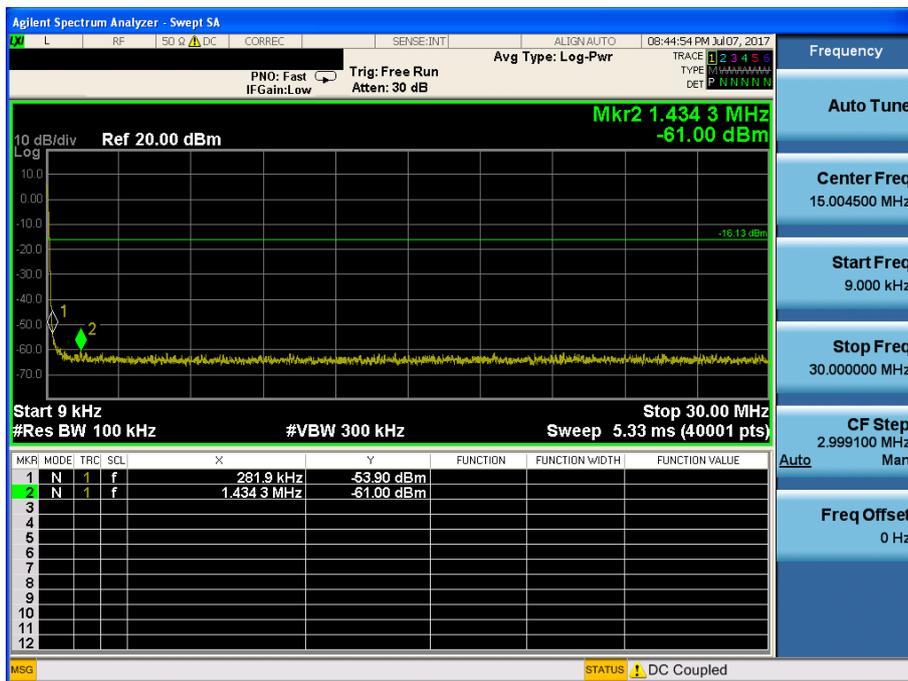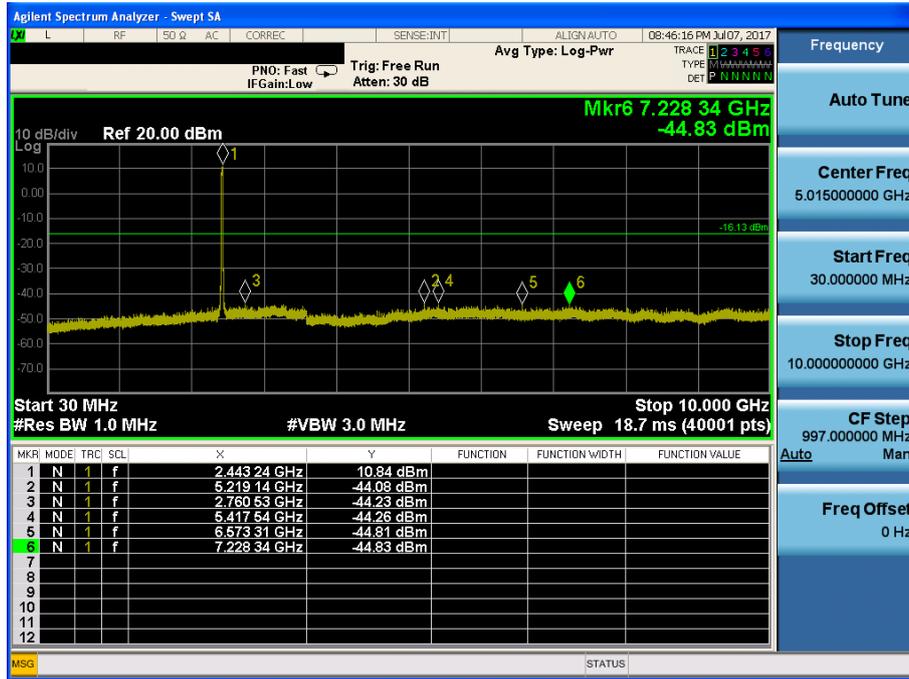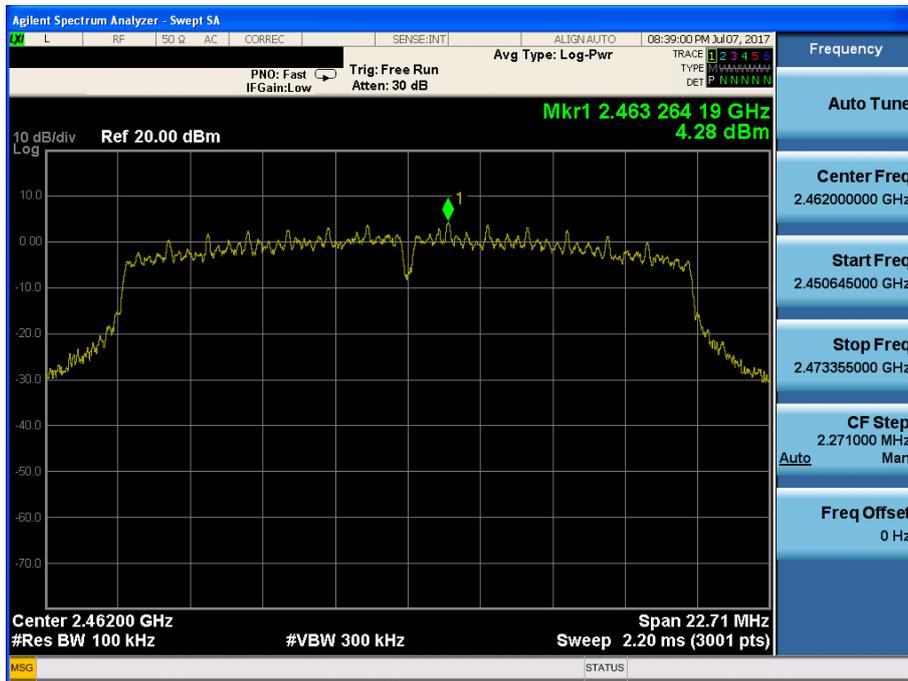## TM 9 & ANT 1 & Middle

Reference

Conducted Spurious Emissions

Conducted Spurious Emissions

Agilent Spectrum Analyzer - Swept SA

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.443 24 GHz	10.84 dBm			
2	N	1	f	5.219 14 GHz	-44.08 dBm			
3	N	1	f	2.760 53 GHz	-44.23 dBm			
4	N	1	f	5.417 54 GHz	-44.26 dBm			
5	N	1	f	6.573 31 GHz	-44.81 dBm			
6	N	1	f	7.228 34 GHz	-44.83 dBm			
7								
8								
9								
10								
11								
12								

Agilent Spectrum Analyzer - Swept SA

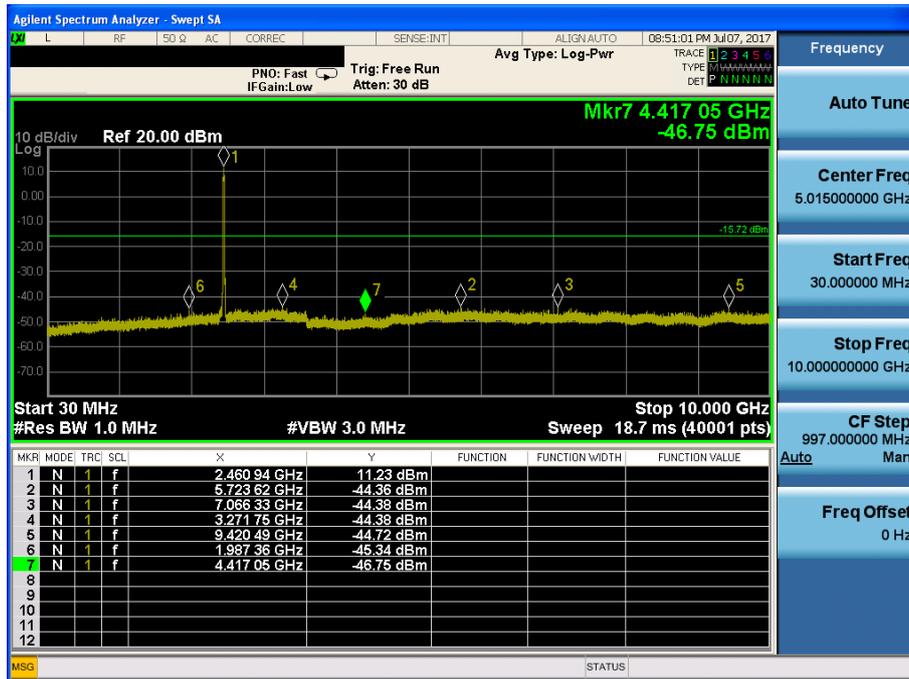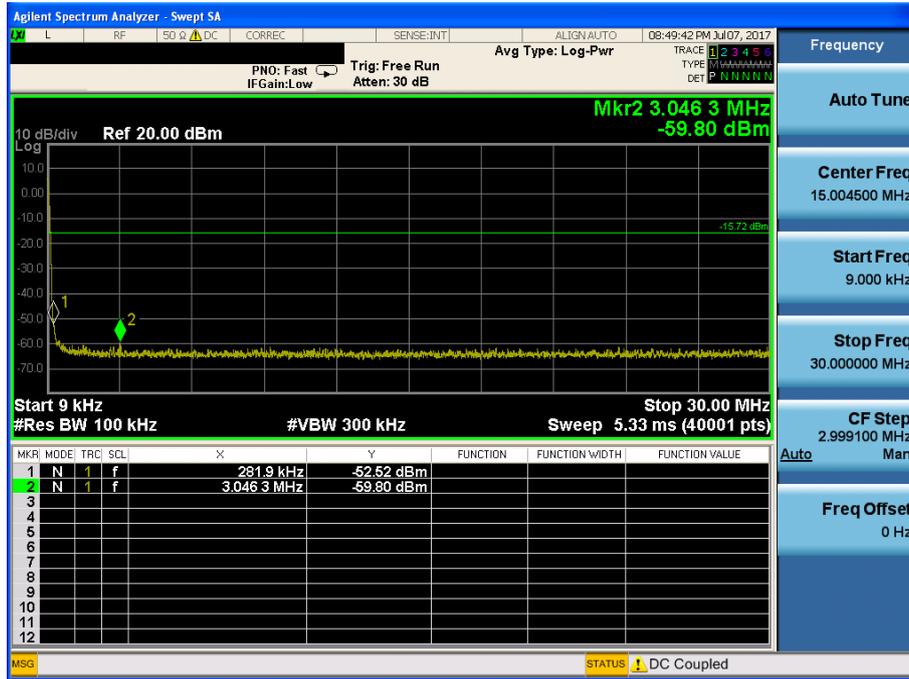| MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	26.259 5 GHz	-34.48 dBm			
2	N	1	f	21.893 6 GHz	-36.60 dBm			
3	N	1	f	20.613 6 GHz	-36.75 dBm			
4	N	1	f	22.375 8 GHz	-36.99 dBm			
5	N	1	f	16.357 9 GHz	-37.98 dBm			
6	N	1	f	13.798 7 GHz	-41.43 dBm			
7								
8								
9								
10								
11								
12								

TM 9 & ANT 1 & Highest

Reference

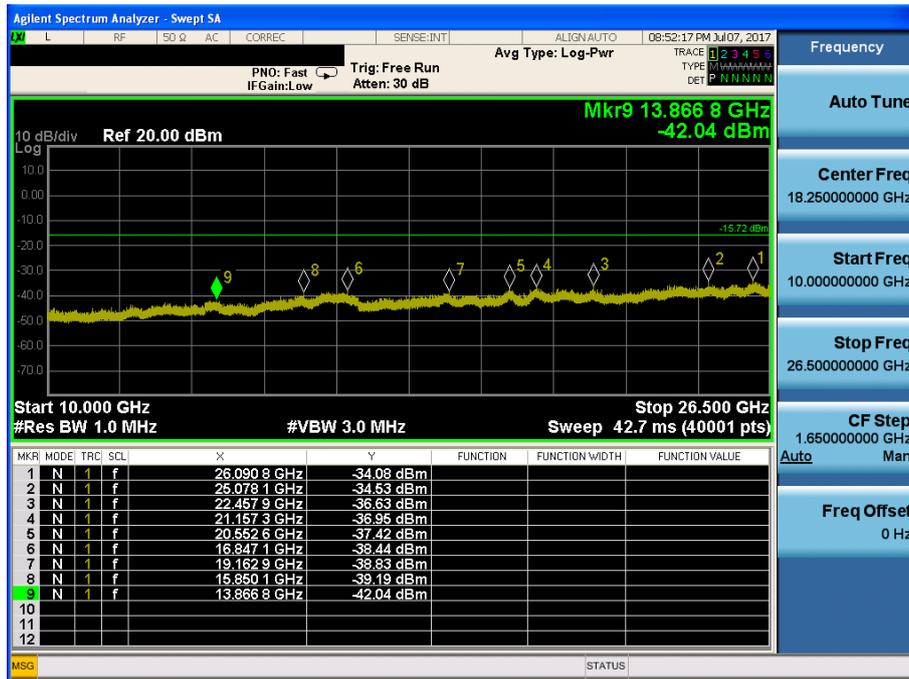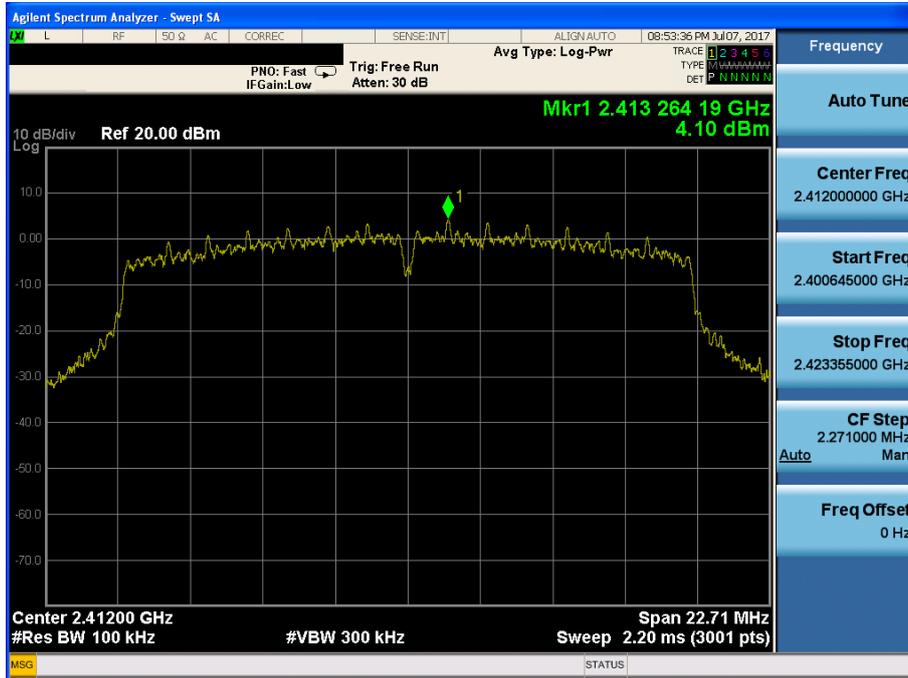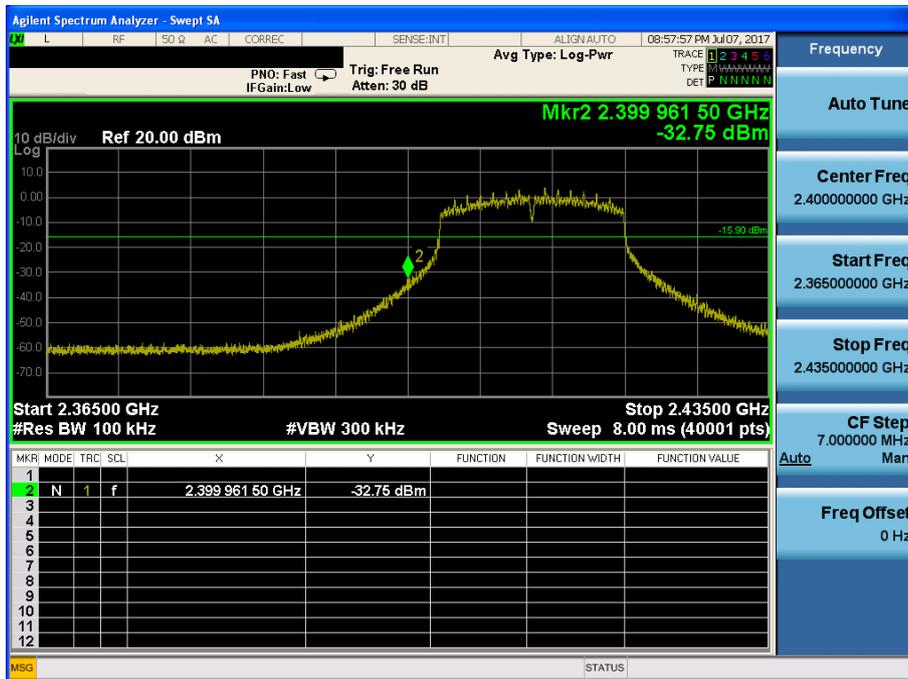### High Band-edge
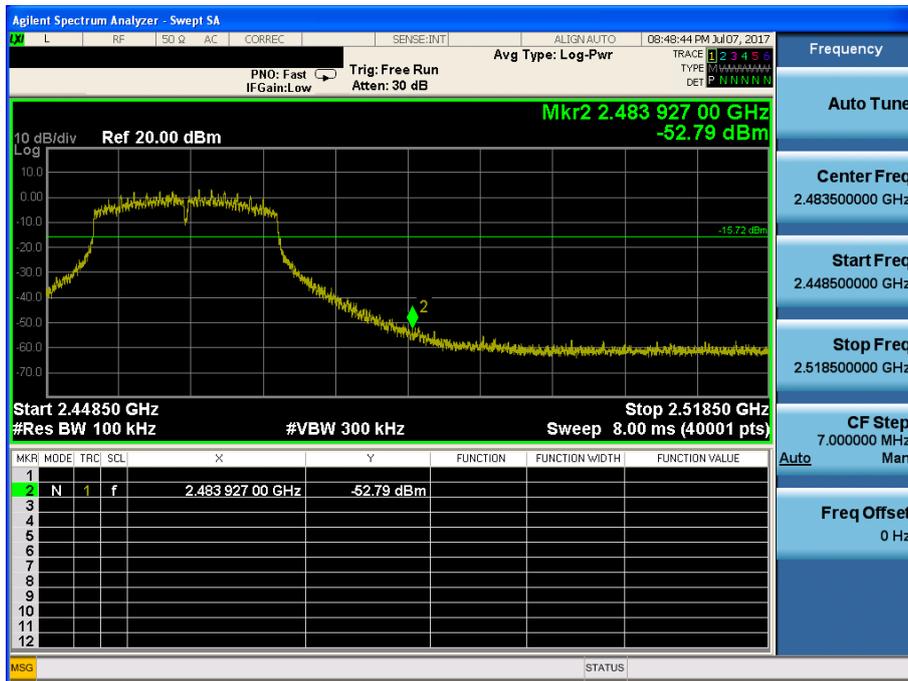
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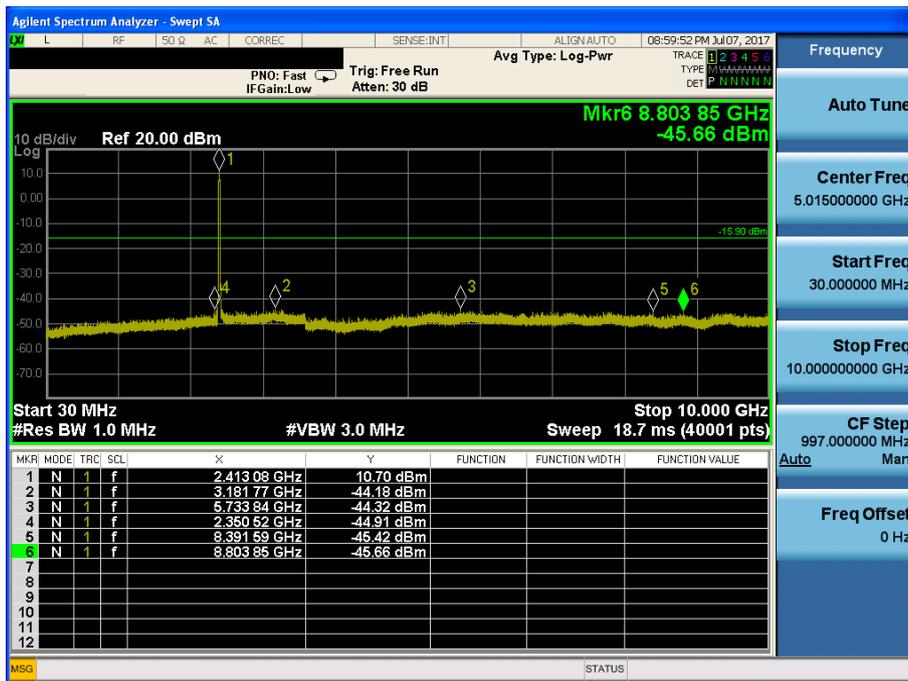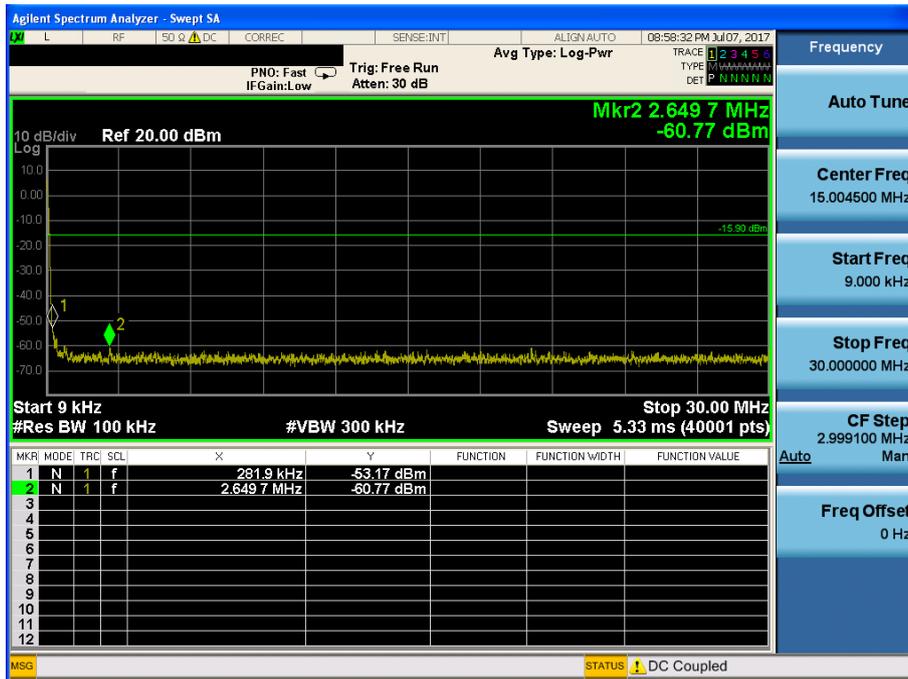
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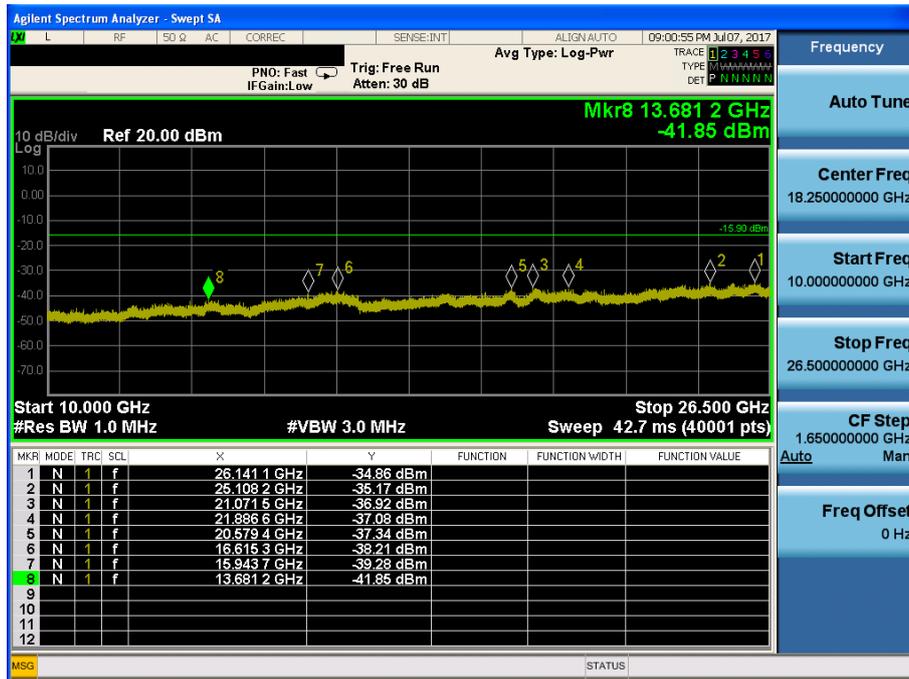
TM 10 & ANT 1 & Lowest

Reference
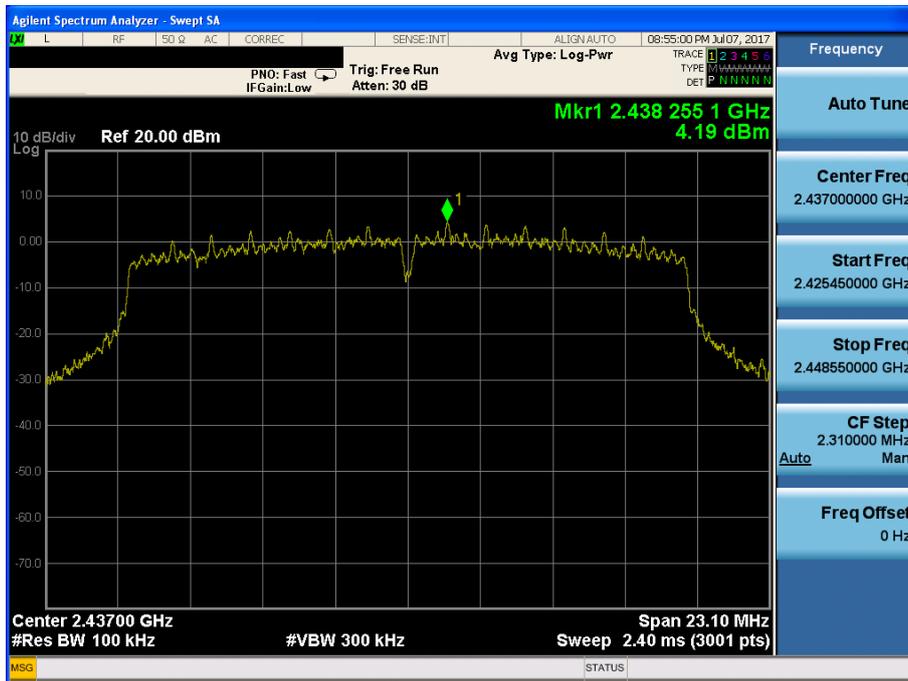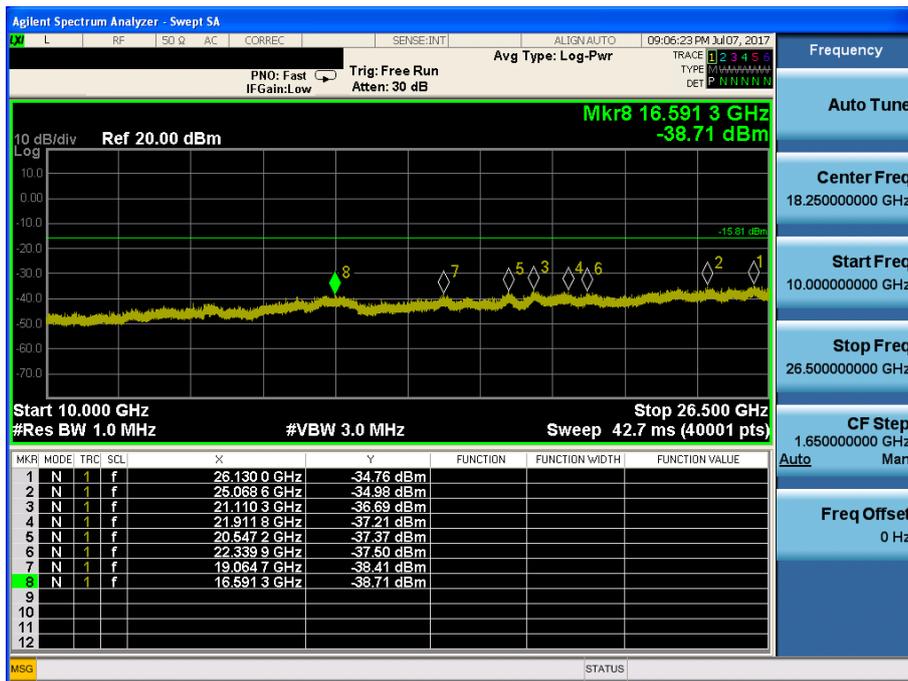

Low Band-edge

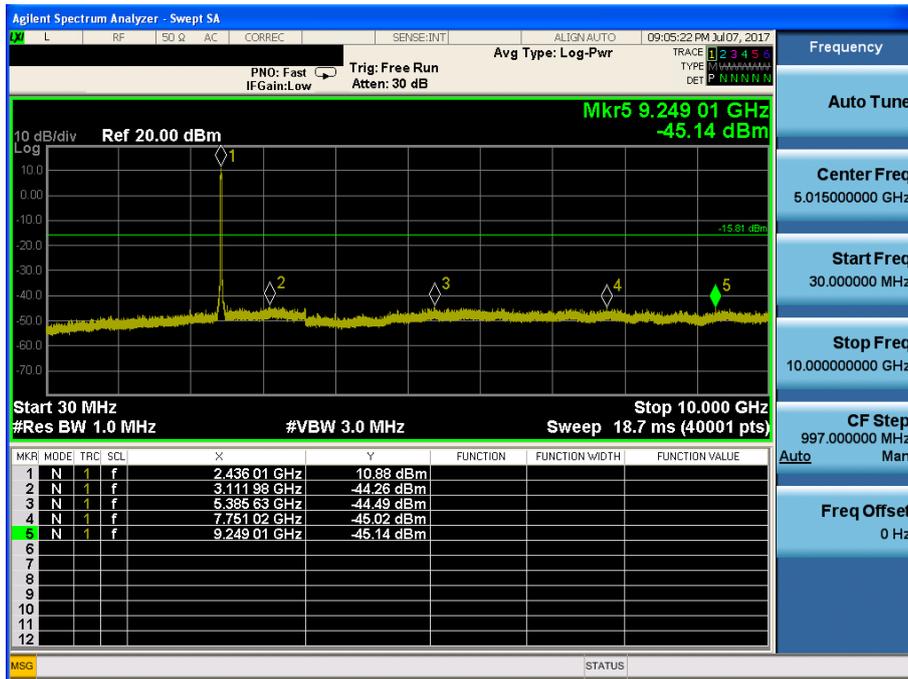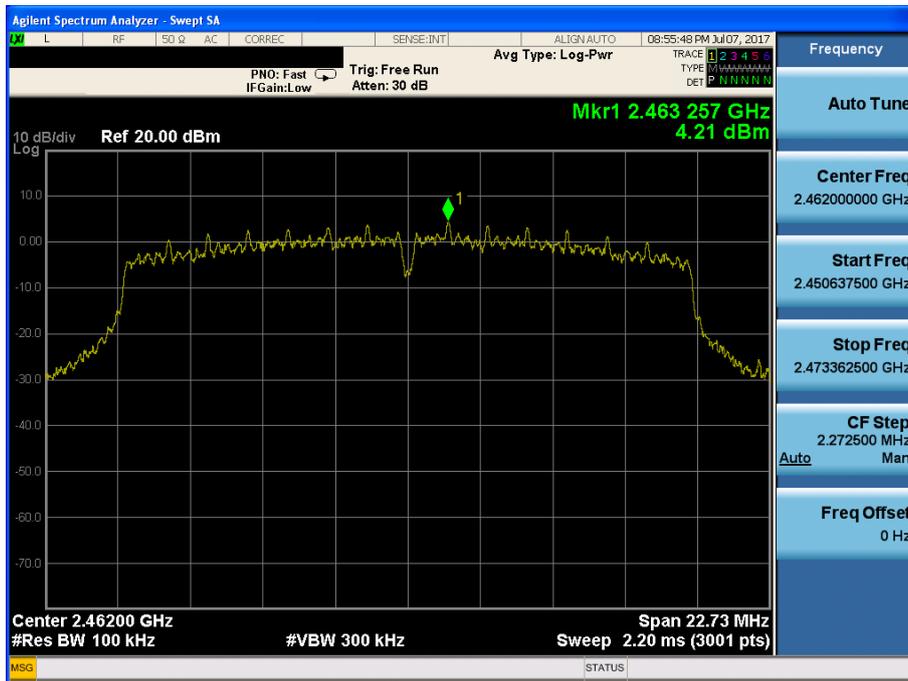## Conducted Spurious Emissions

Conducted Spurious Emissions

TM 10　&　ANT 1　&　Middle

Reference

Conducted Spurious Emissions

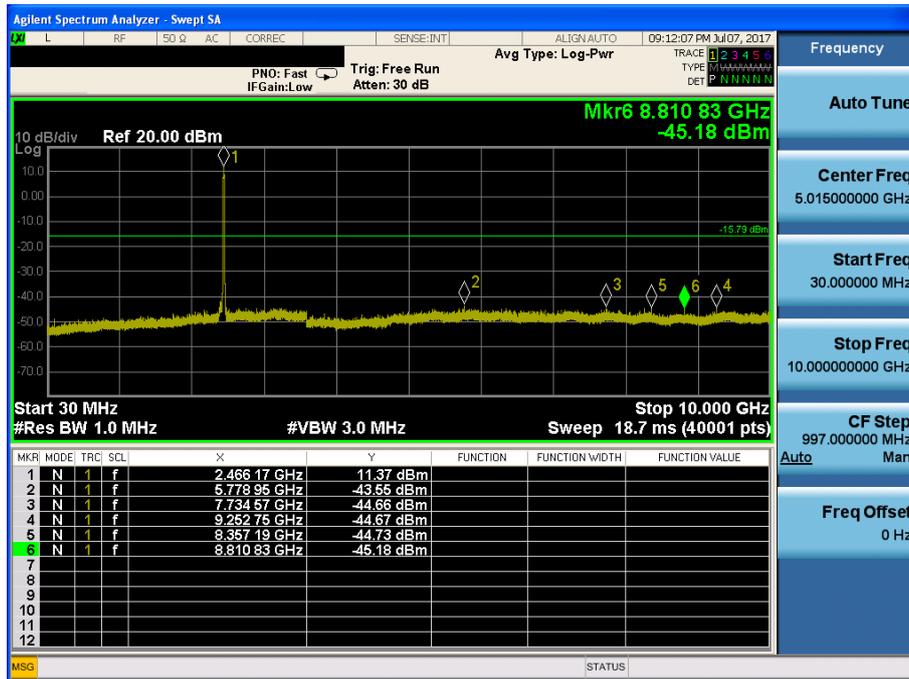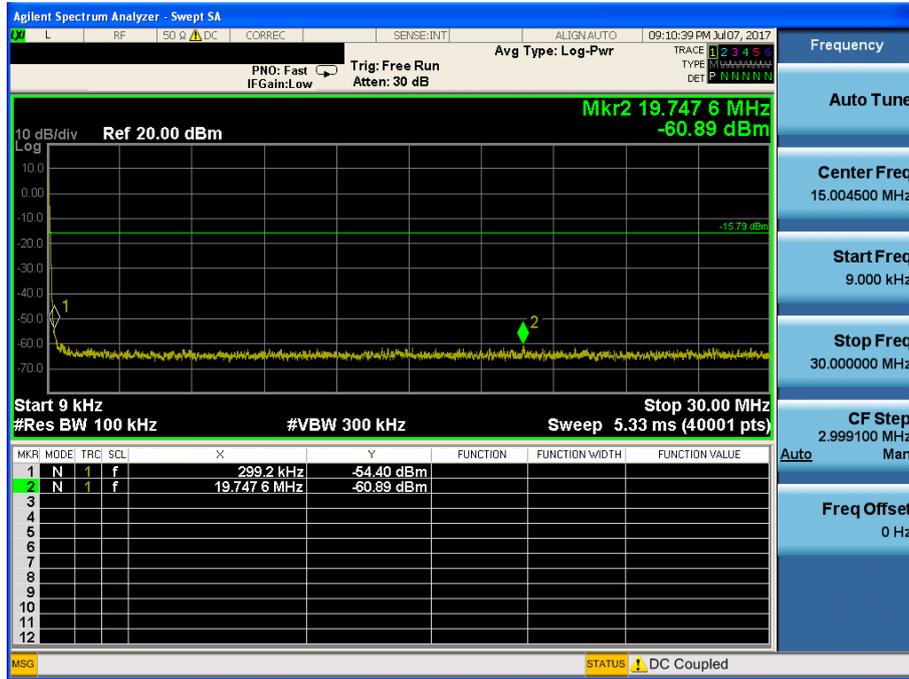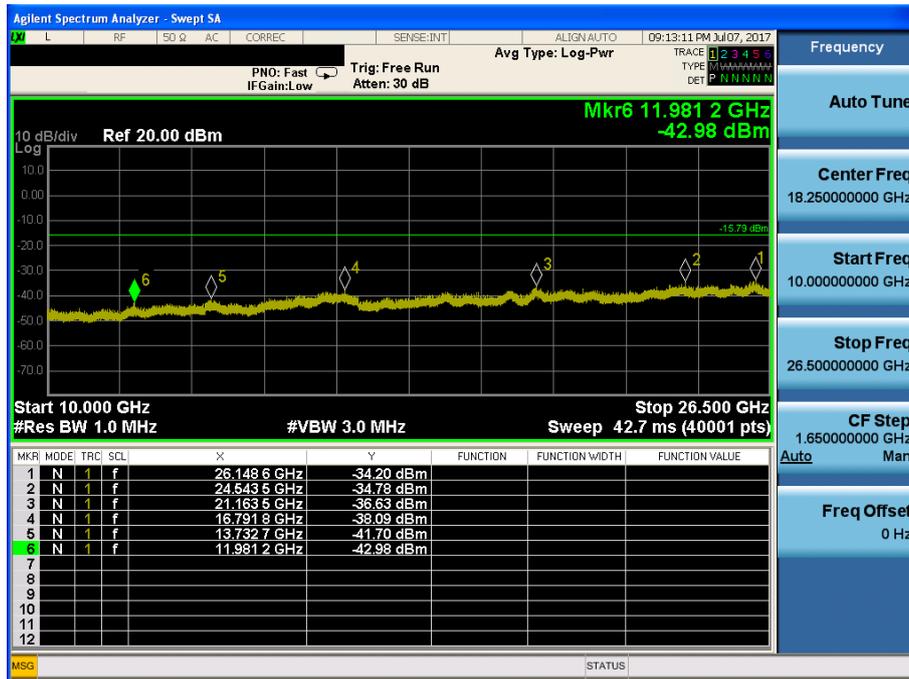| MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	298.4 kHz	-54.52 dBm			
2	N	1	f	12.254 3 MHz	-61.03 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
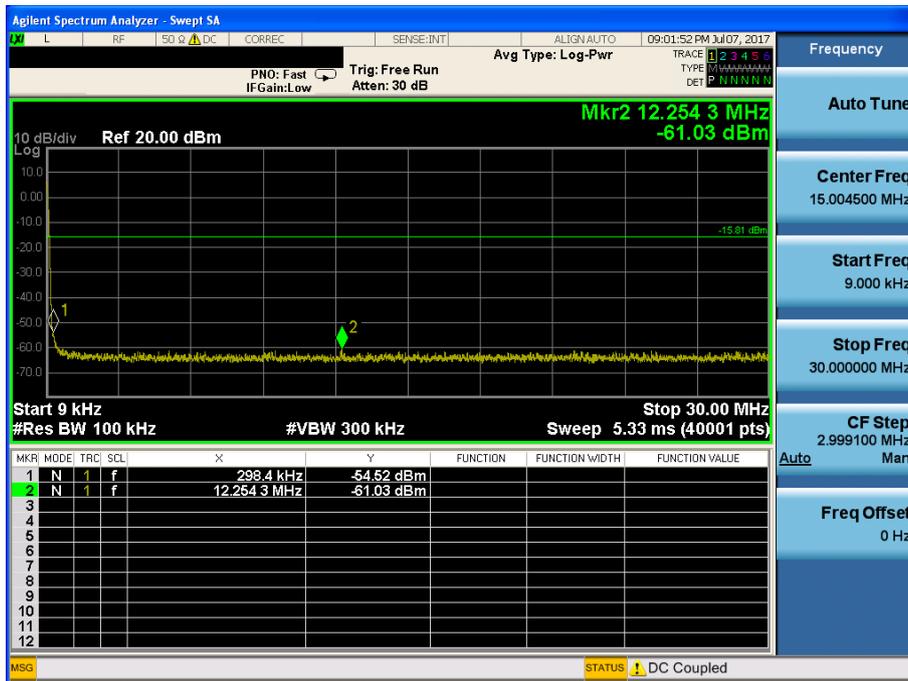
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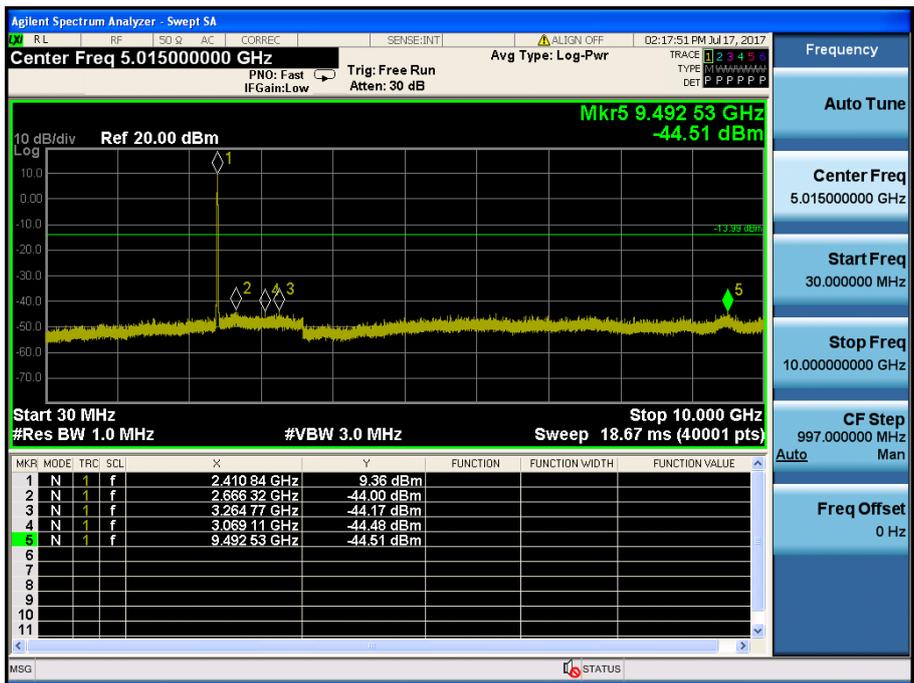
TM 10   &   ANT 1   &   Highest

Reference

High Band-edge

Conducted Spurious Emissions

Conducted Spurious Emissions

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	26.148 6 GHz	-34.20 dBm			
2	N	1	f	24.543 5 GHz	-34.78 dBm			
3	N	1	f	21.163 5 GHz	-36.63 dBm			
4	N	1	f	16.791 8 GHz	-38.09 dBm			
5	N	1	f	13.732 7 GHz	-41.70 dBm			
6	N	1	f	11.981 2 GHz	-42.98 dBm			
7								
8								
9								
10								
11								
12								

TM 5 & ANT 2 & Lowest
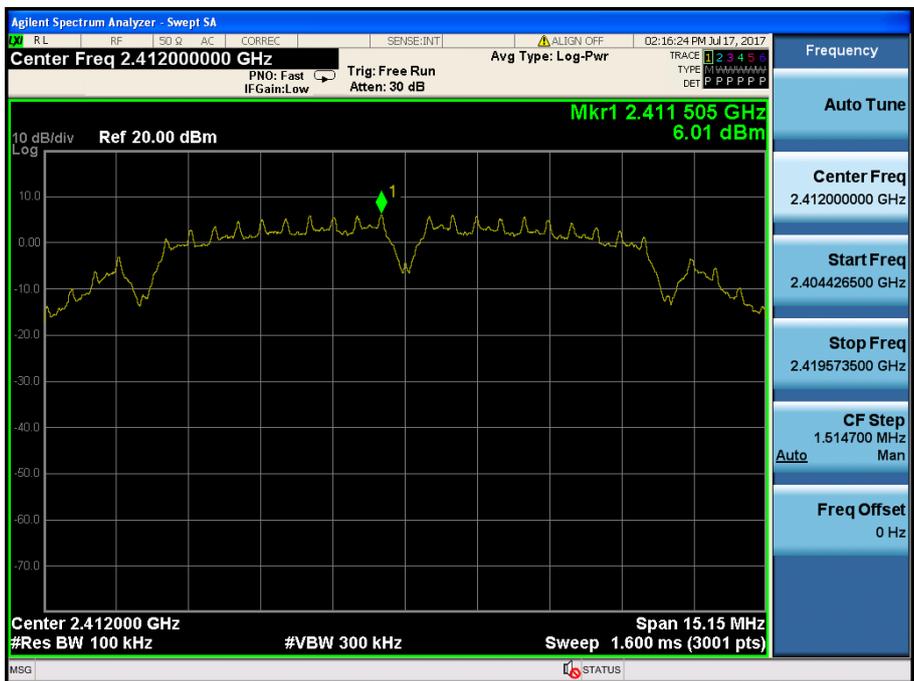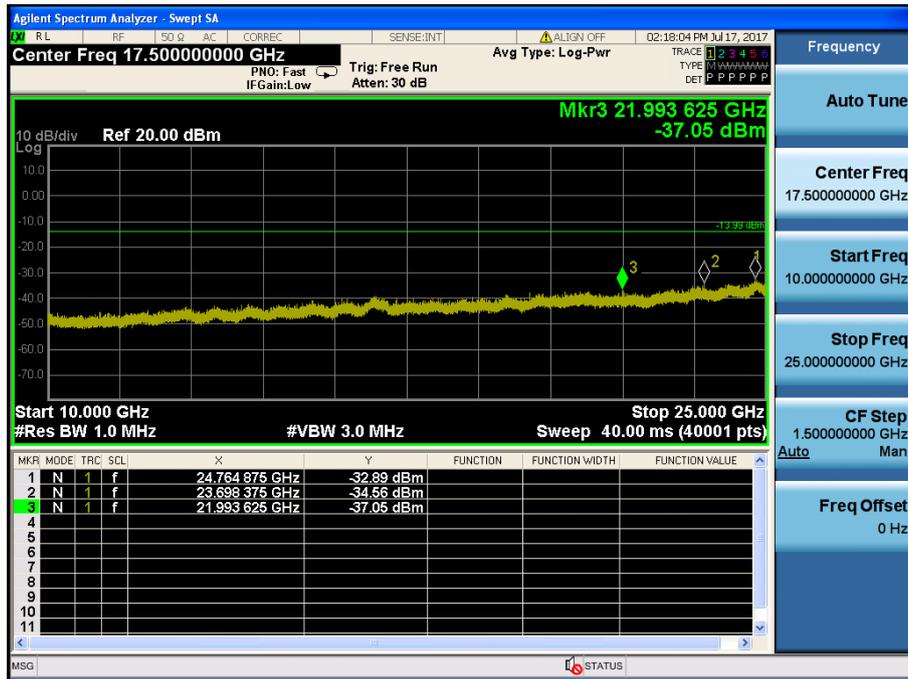
Reference

Low Band-edge

Conducted Spurious Emissions
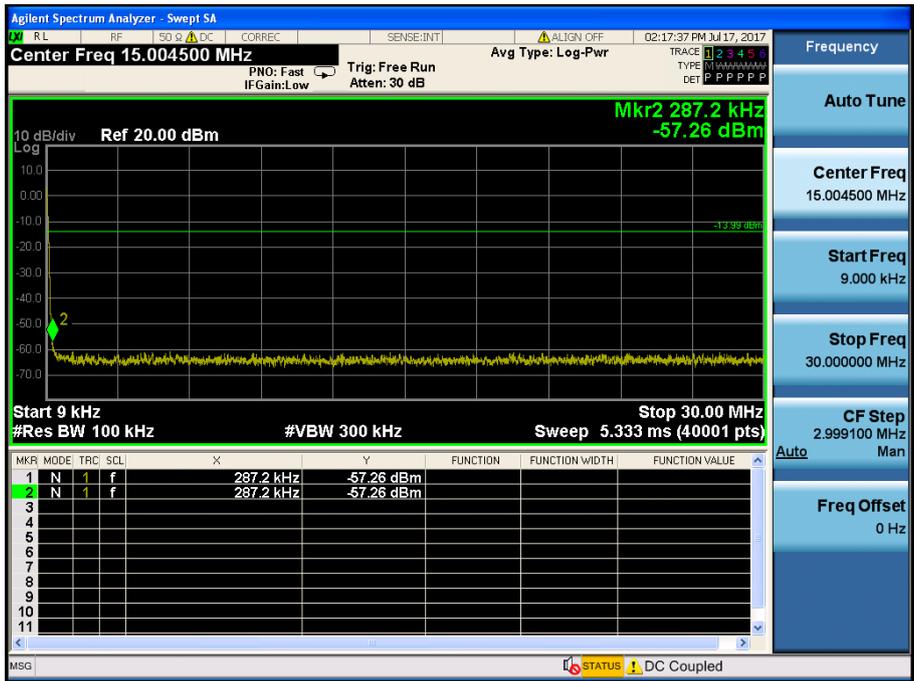
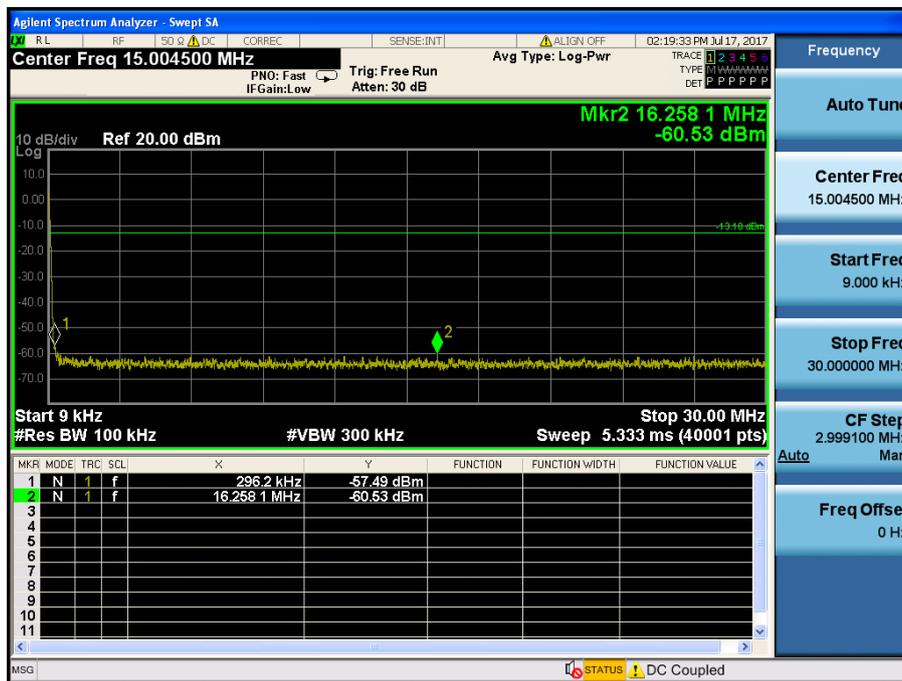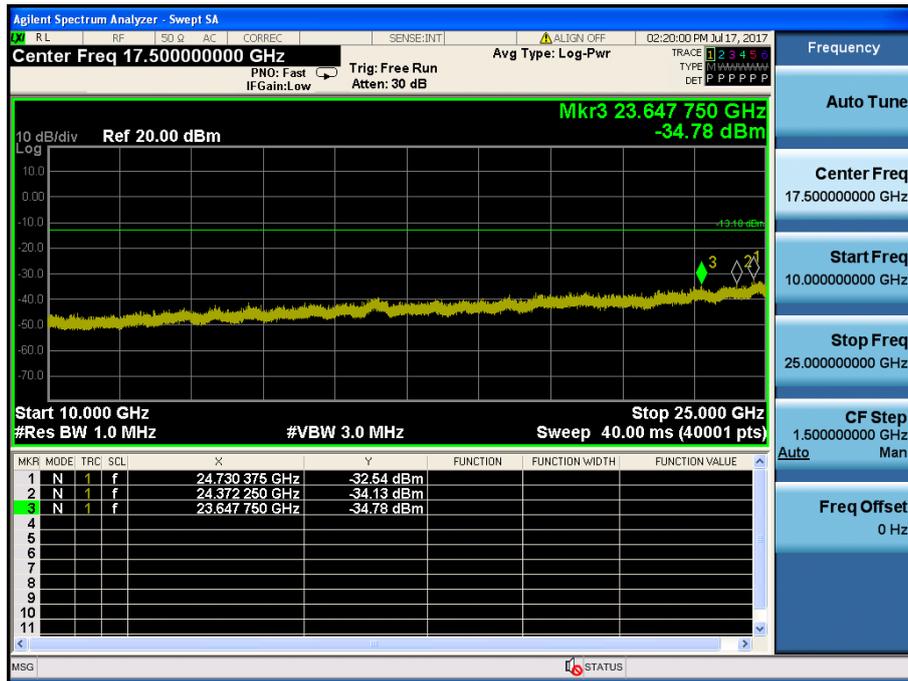## Conducted Spurious Emissions
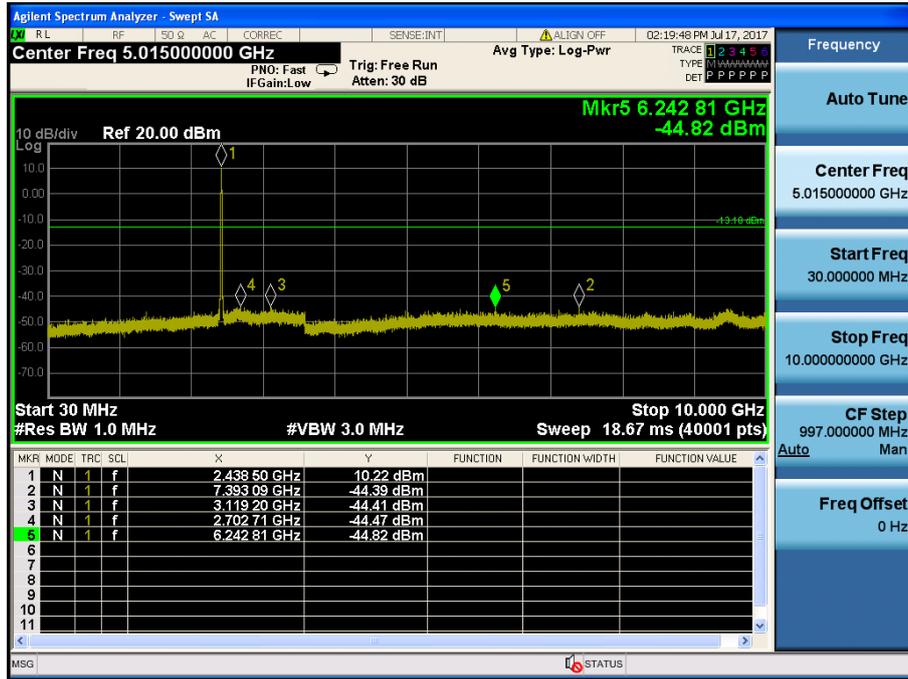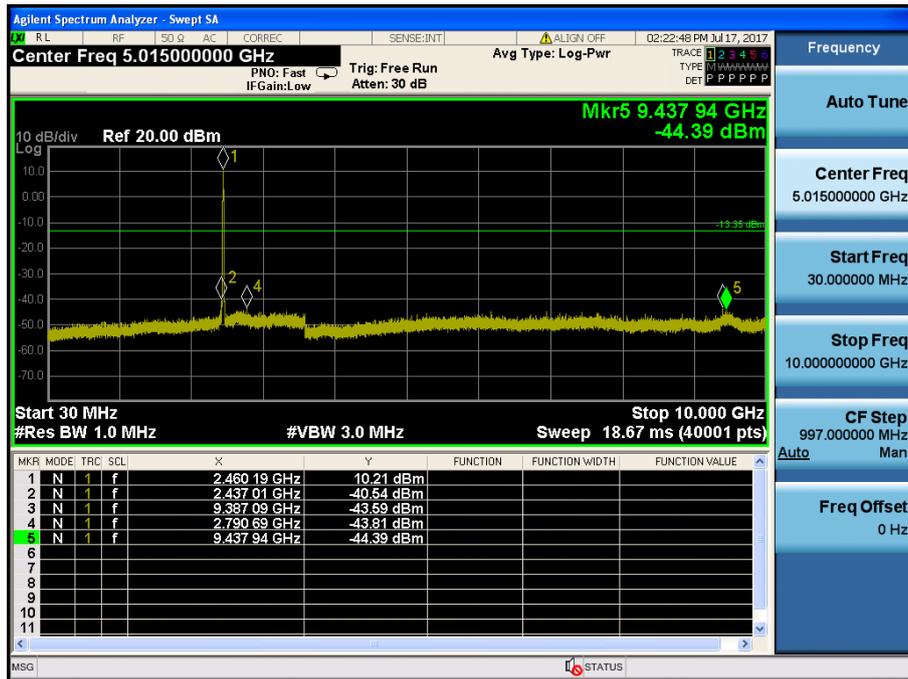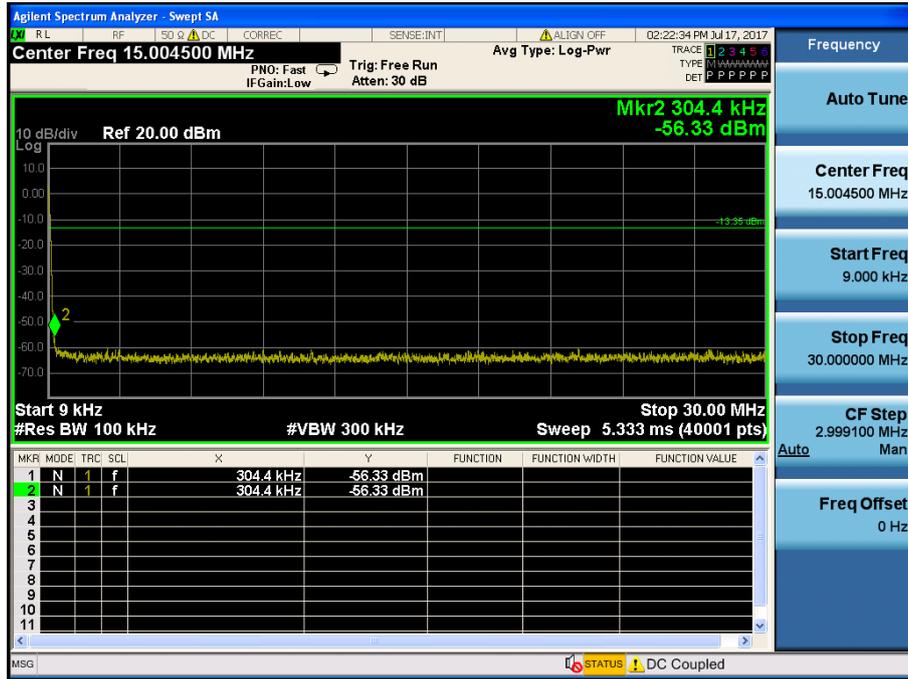
TM 5　&　ANT 2　&　Middle

Reference

Conducted Spurious Emissions

Conducted Spurious Emissions

TM 5　&　ANT 2　&　Highest
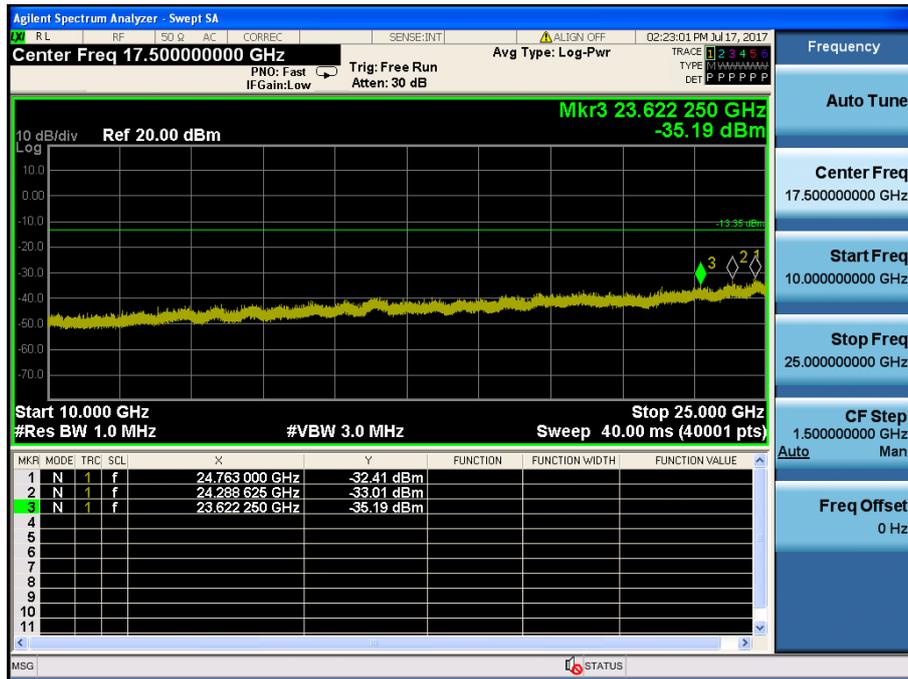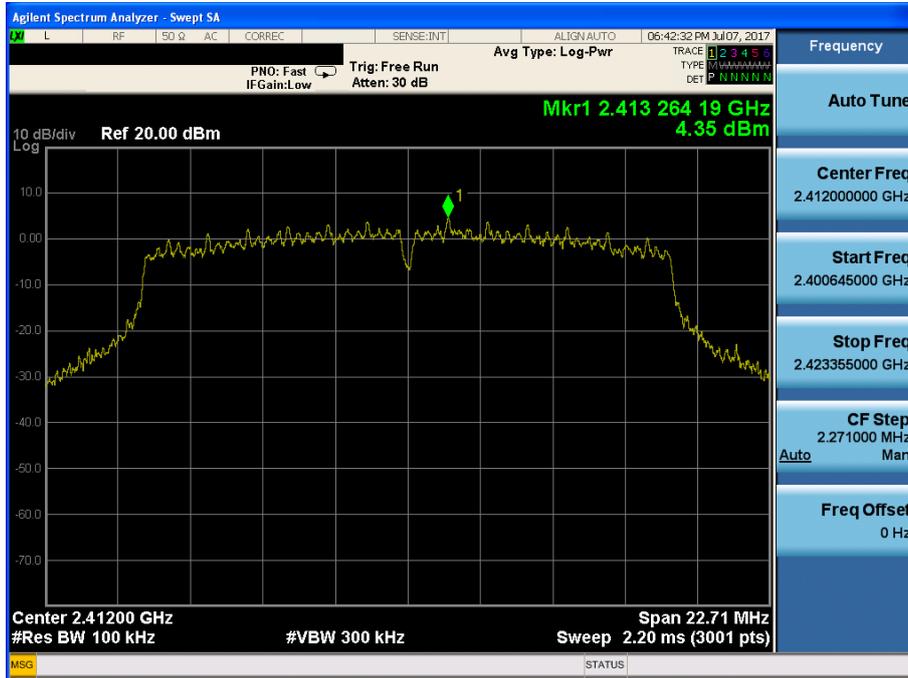
Reference

High Band-edge

Conducted Spurious Emissions

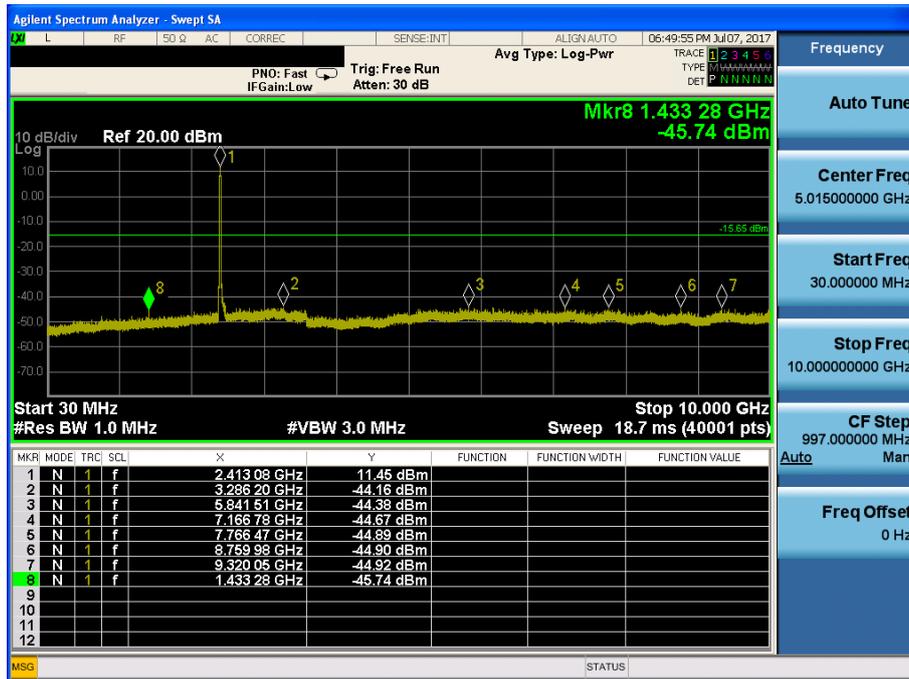## Conducted Spurious Emissions
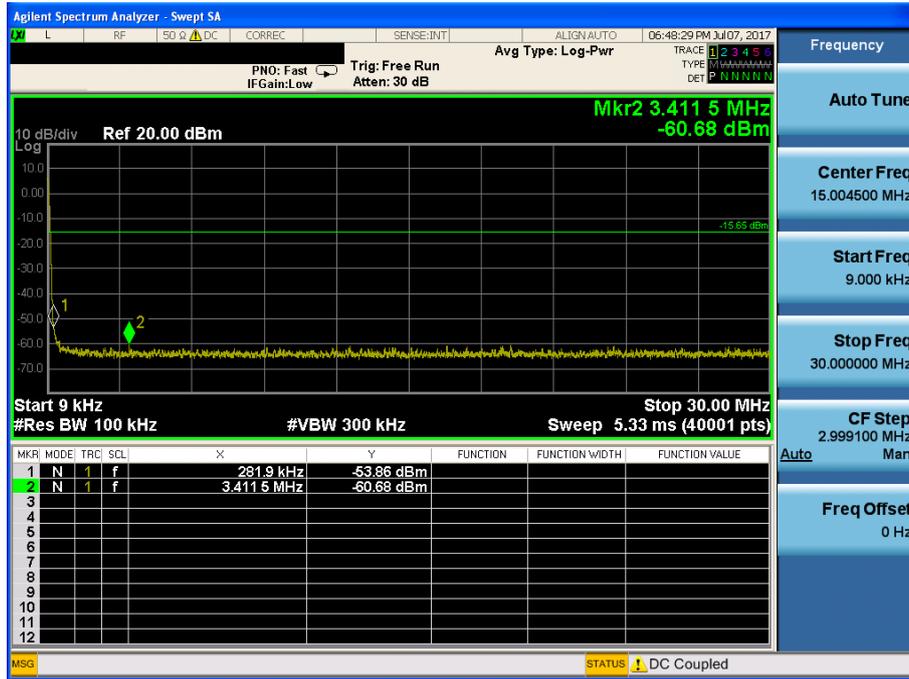
TM 6 & ANT 2 & Lowest
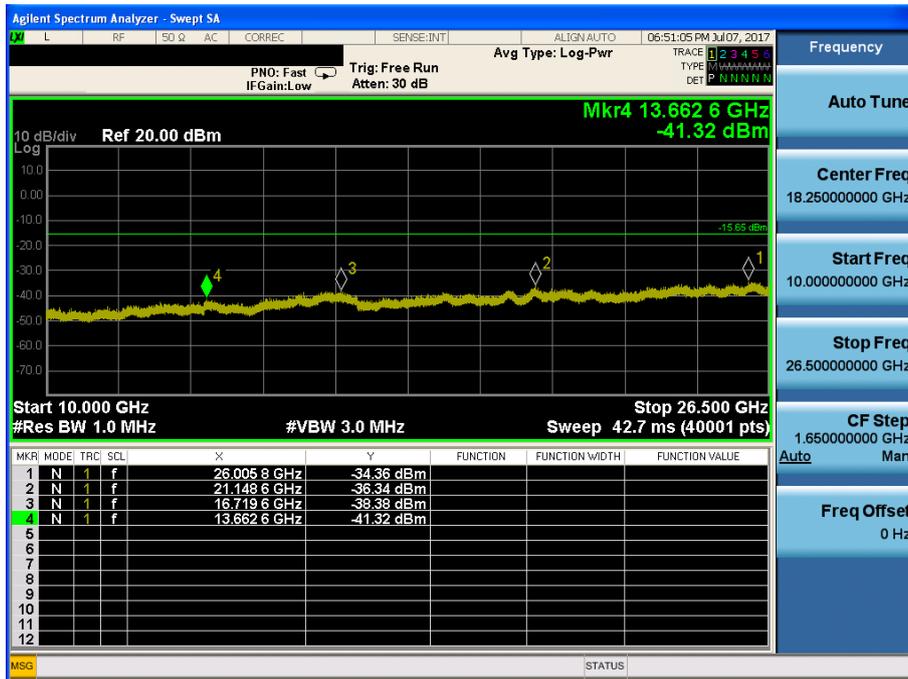
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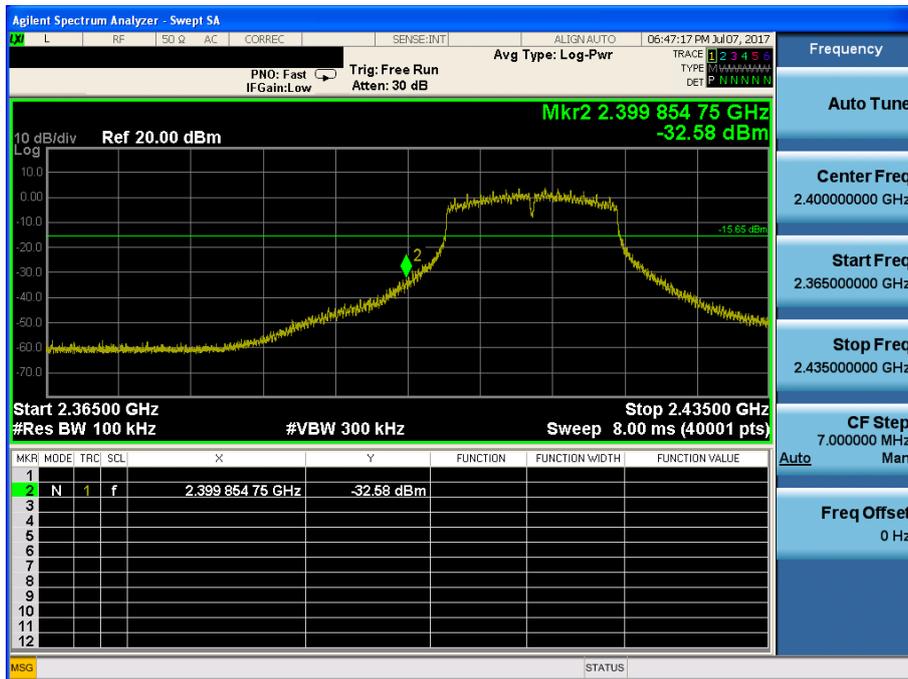
Low Band-edge

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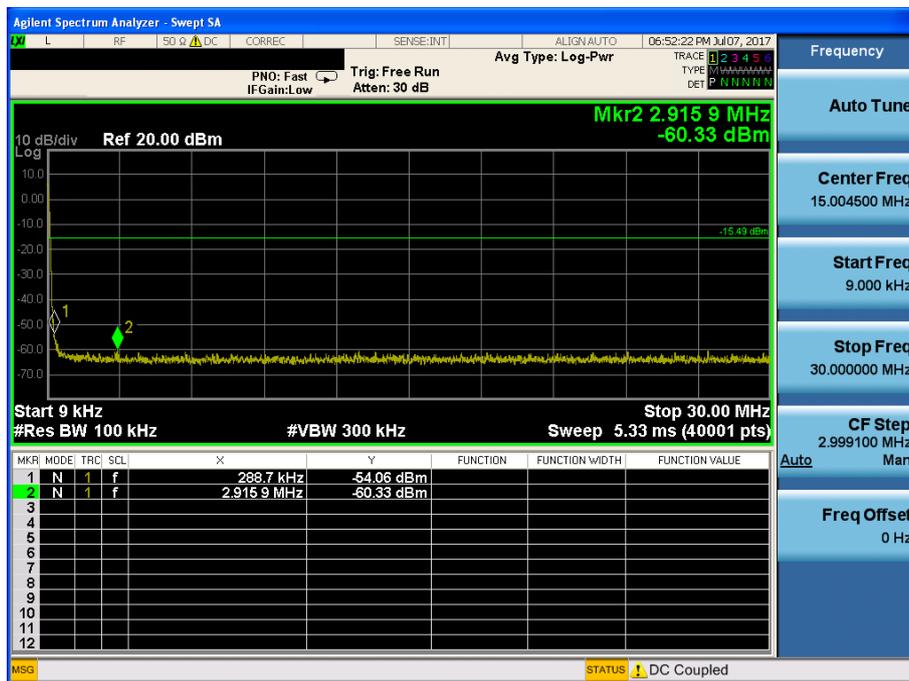
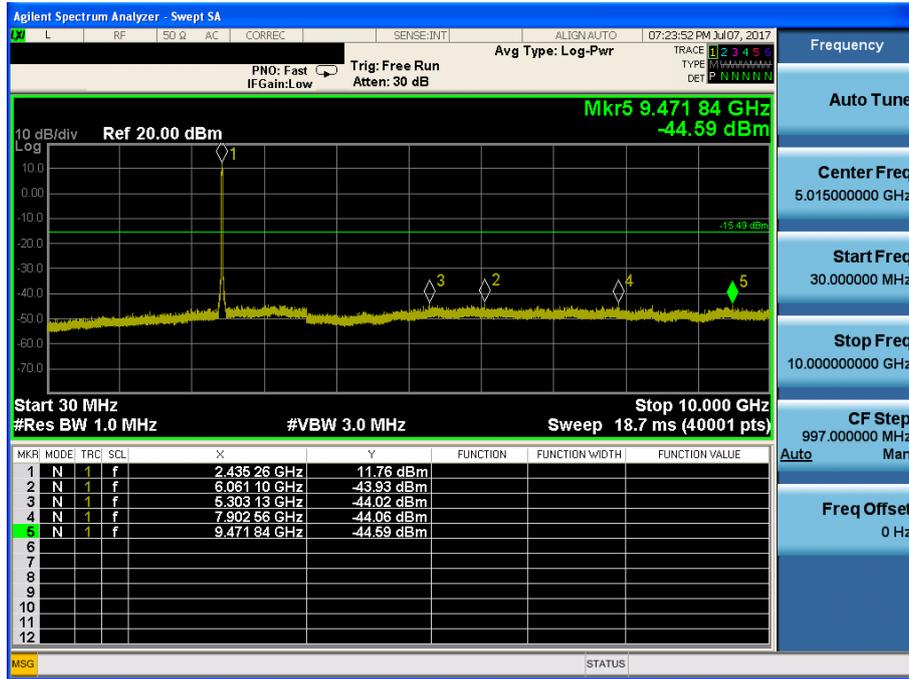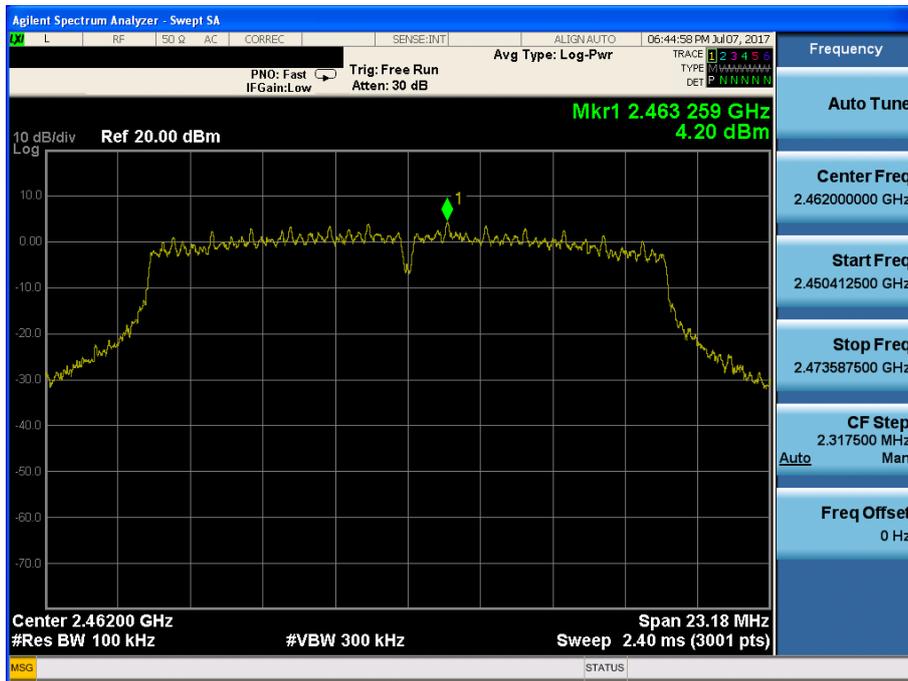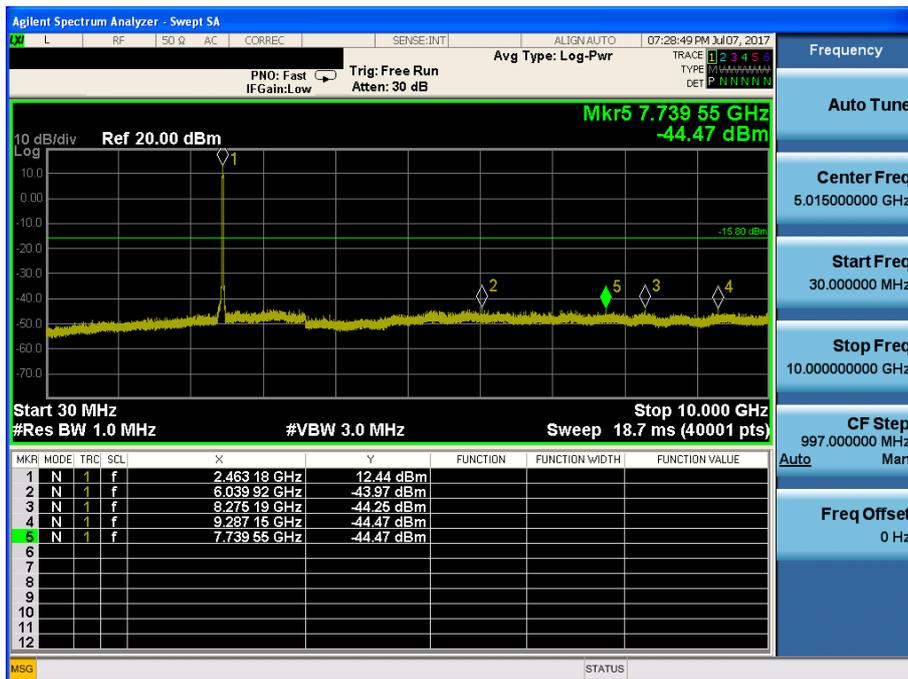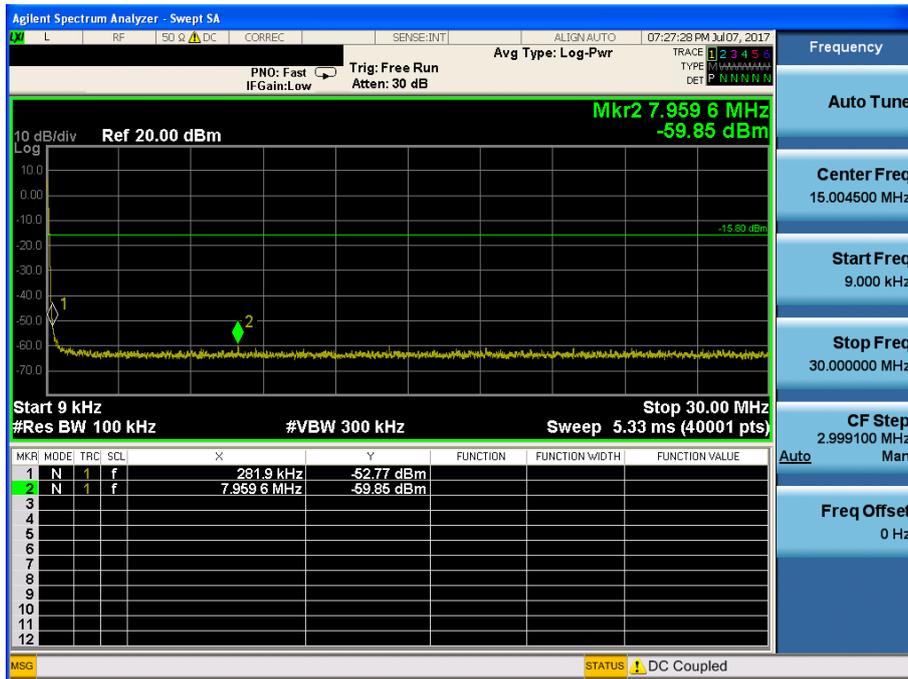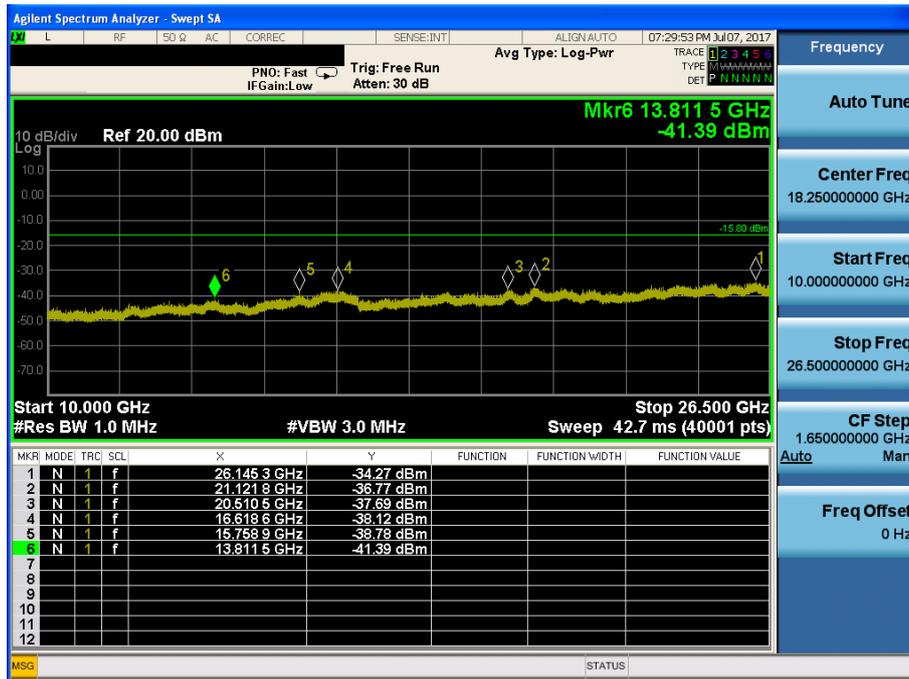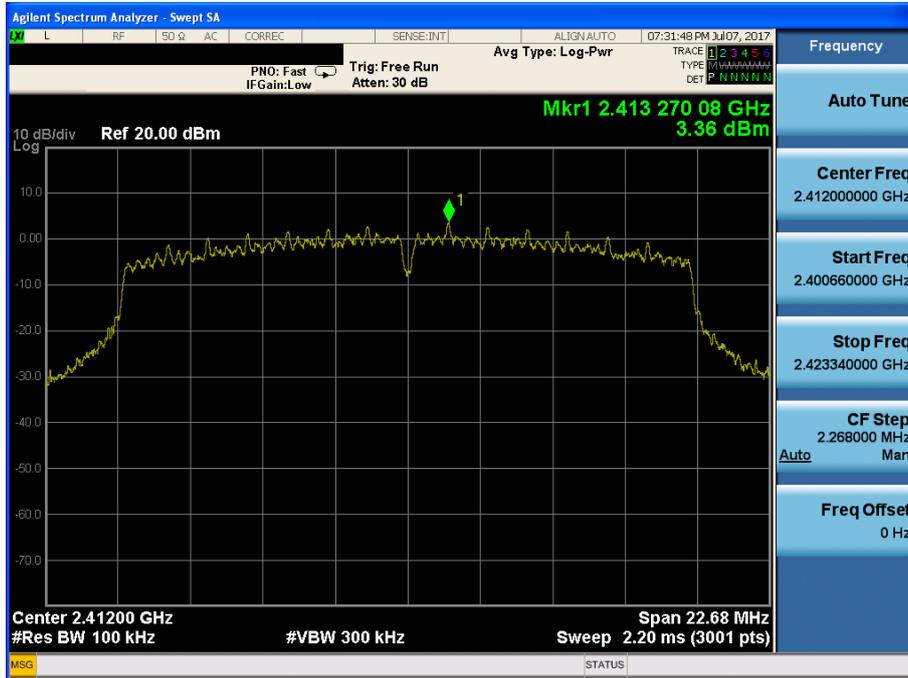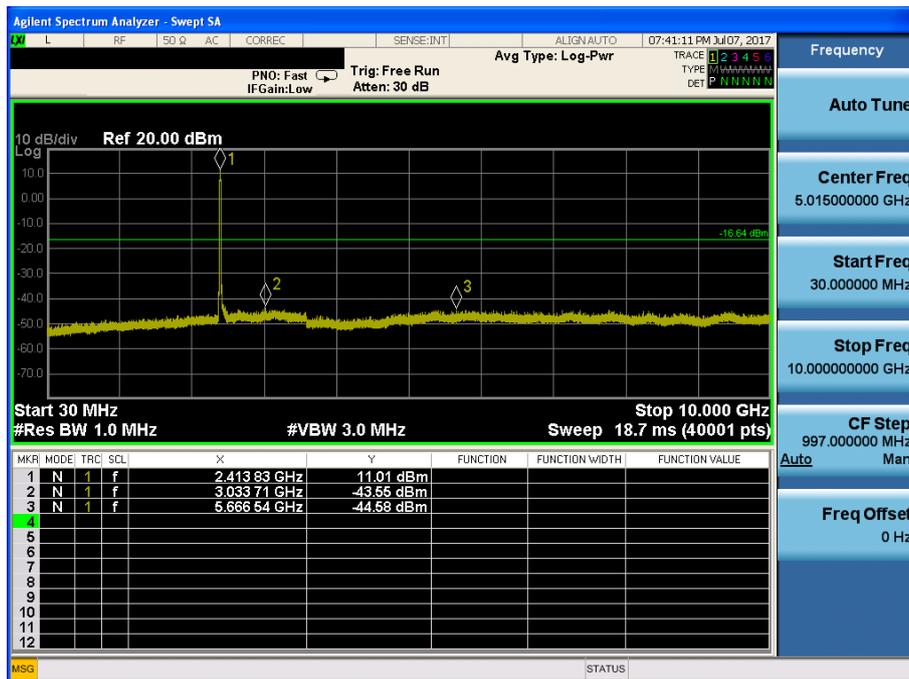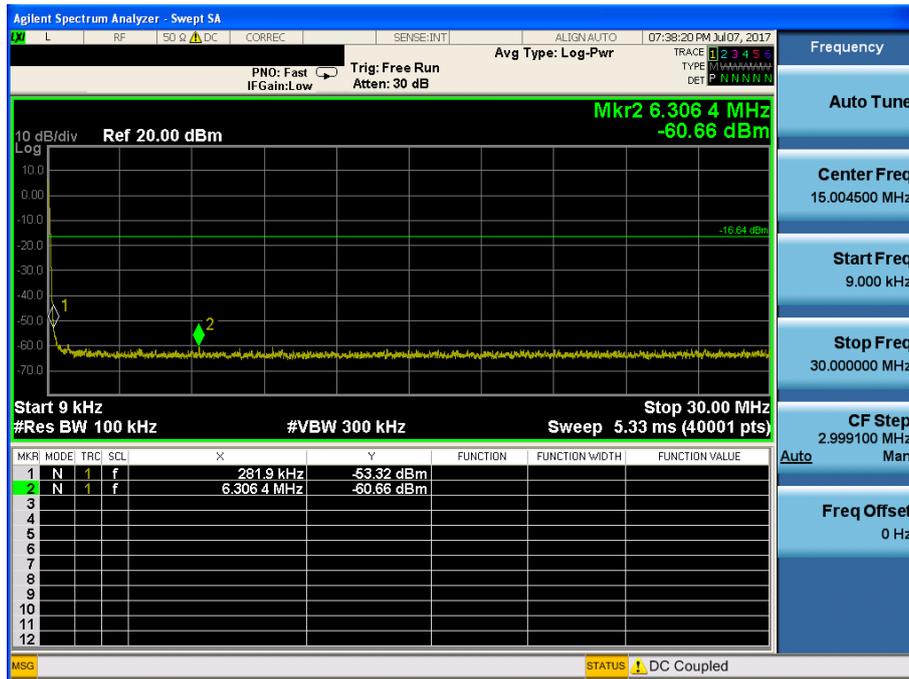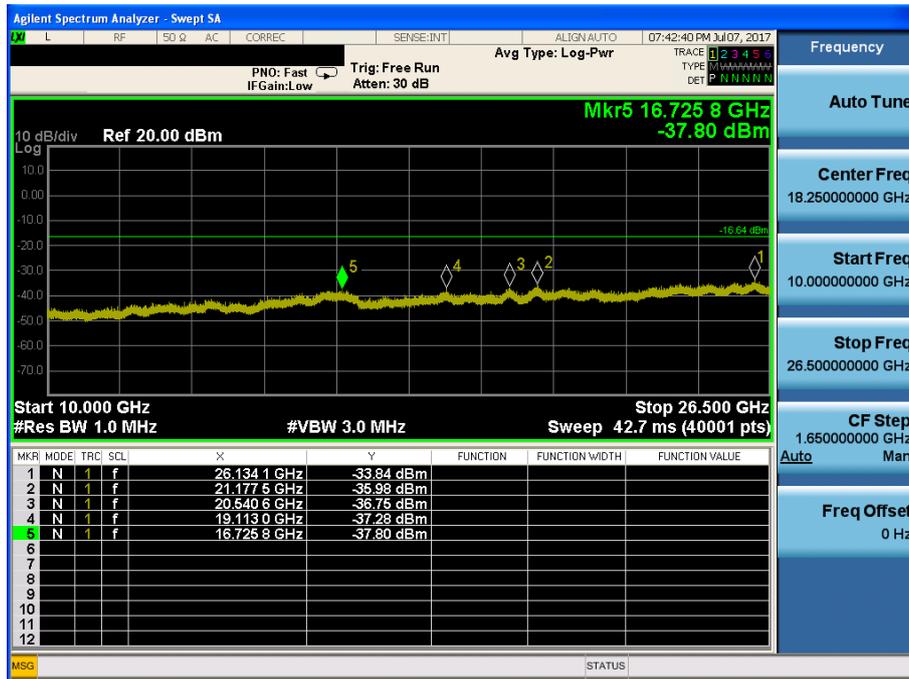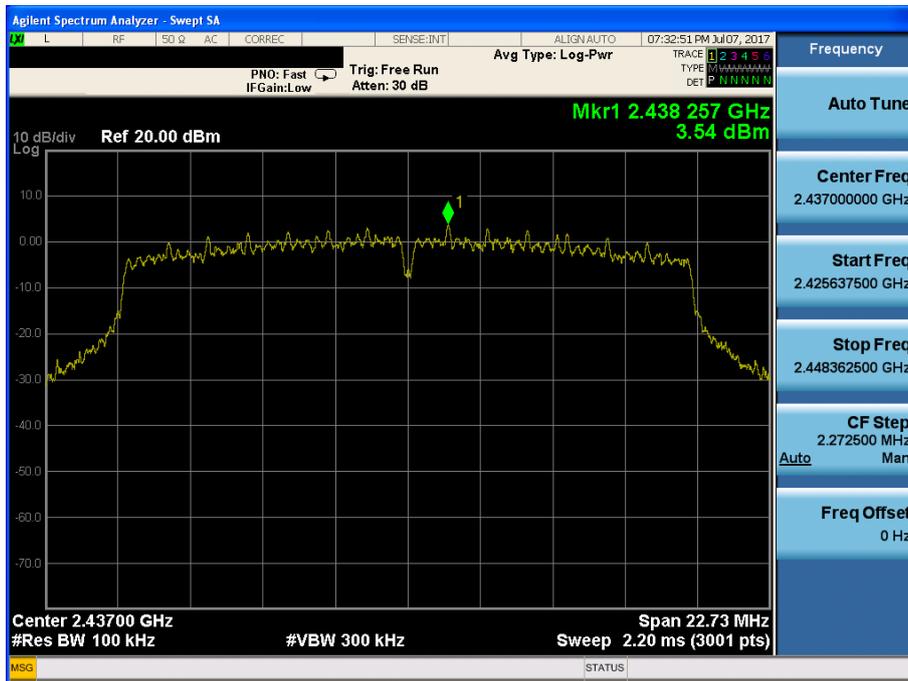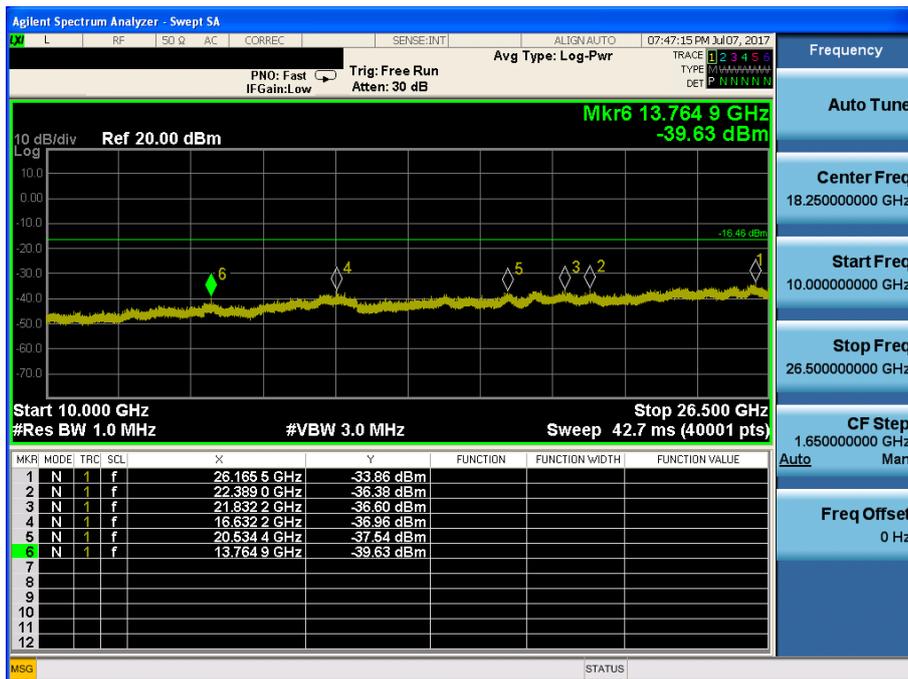## Conducted Spurious Emissions

TM 6 & ANT 2 & Middle

Reference

Conducted Spurious Emissions

Conducted Spurious Emissions

Agilent Spectrum Analyzer - Swept SA

L	RF	50 Ω	AC	CORREC		SENSE:INT		ALIGN AUTO	07:23:52 PM Jul 07, 2017

Avg Type: Log-Pwr
TRACE 1 2 3 4 5 6
TYPE W W W W W W
PNO: Fast　Trig: Free Run
IFGain:Low　Atten: 30 dB
DET P N N N N N

Mkr5 9.471 84 GHz
-44.59 dBm

10 dB/div　Ref 20.00 dBm
Log

Start 30 MHz　　Stop 10.000 GHz
#Res BW 1.0 MHz　#VBW 3.0 MHz　Sweep 18.7 ms (40001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.435 26 GHz	11.76 dBm			
2	N	1	f	6.061 10 GHz	-43.93 dBm			
3	N	1	f	5.303 13 GHz	-44.02 dBm			
4	N	1	f	7.902 56 GHz	-44.06 dBm			
5	N	1	f	9.471 84 GHz	-44.59 dBm			
6								
7								
8								
9								
10								
11								
12								

Frequency / Auto Tune / Center Freq 5.015000000 GHz / Start Freq 30.000000 MHz / Stop Freq 10.000000000 GHz / CF Step 997.000000 MHz Auto Man / Freq Offset 0 Hz

STATUS

Agilent Spectrum Analyzer - Swept SA

L	RF	50 Ω	AC	CORREC		SENSE:INT		ALIGN AUTO	07:21:14 PM Jul 07, 2017

Avg Type: Log-Pwr
TRACE 1 2 3 4 5 6
TYPE W W W W W W
PNO: Fast　Trig: Free Run
IFGain:Low　Atten: 30 dB
DET P N N N N N

Mkr8 13.957 1 GHz
-41.57 dBm

10 dB/div　Ref 20.00 dBm
Log

Start 10.000 GHz　　Stop 26.500 GHz
#Res BW 1.0 MHz　#VBW 3.0 MHz　Sweep 42.7 ms (40001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	26.181 1 GHz	-34.31 dBm			
2	N	1	f	25.097 1 GHz	-34.61 dBm			
3	N	1	f	21.148 6 GHz	-36.14 dBm			
4	N	1	f	16.460 2 GHz	-37.21 dBm			
5	N	1	f	20.526 2 GHz	-37.28 dBm			
6	N	1	f	19.527 5 GHz	-38.03 dBm			
7	N	1	f	17.762 8 GHz	-39.69 dBm			
8	N	1	f	13.957 1 GHz	-41.57 dBm			
9								
10								
11								
12								

Frequency / Auto Tune / Center Freq 18.250000000 GHz / Start Freq 10.000000000 GHz / Stop Freq 26.500000000 GHz / CF Step 1.650000000 GHz Auto Man / Freq Offset 0 Hz

STATUS

TM 6 & ANT 2 & Highest

Reference

High Band-edge

Conducted Spurious Emissions

Conducted Spurious Emissions

TM 7 & ANT 2 & Lowest

Reference
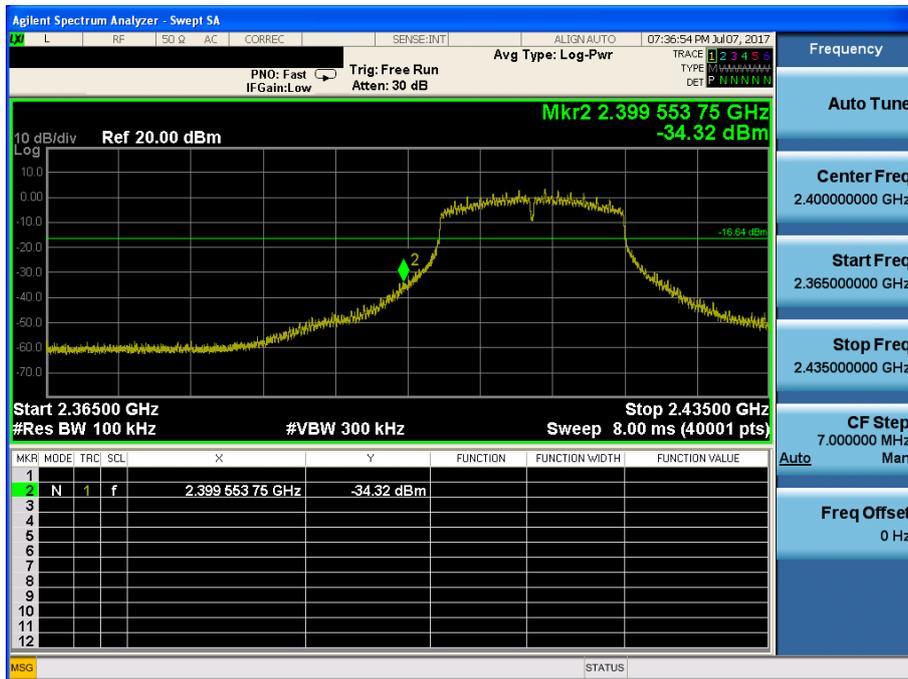
Low Band-edge

Conducted Spurious Emissions

Conducted Spurious Emissions
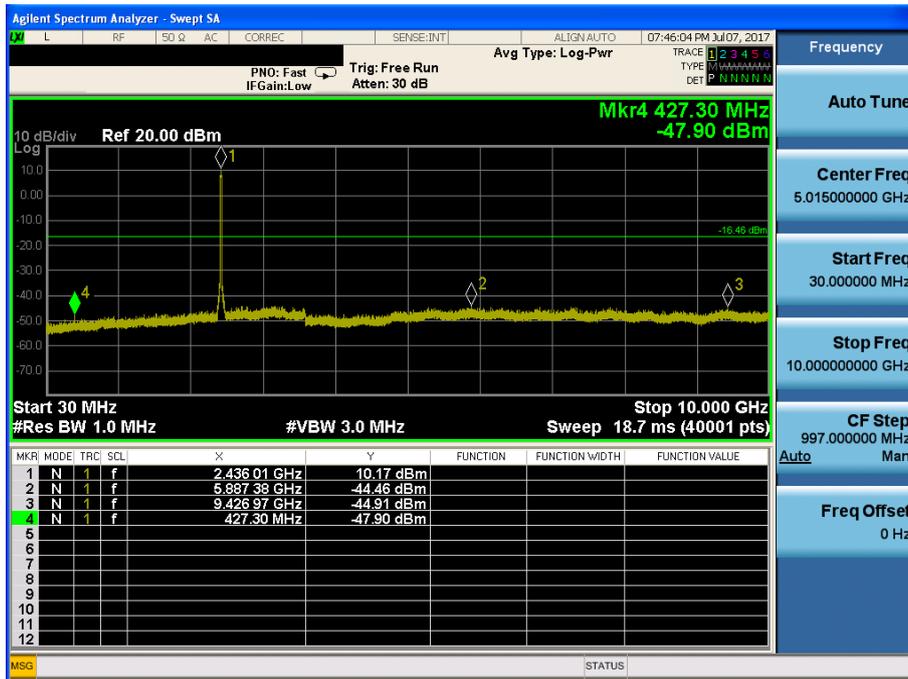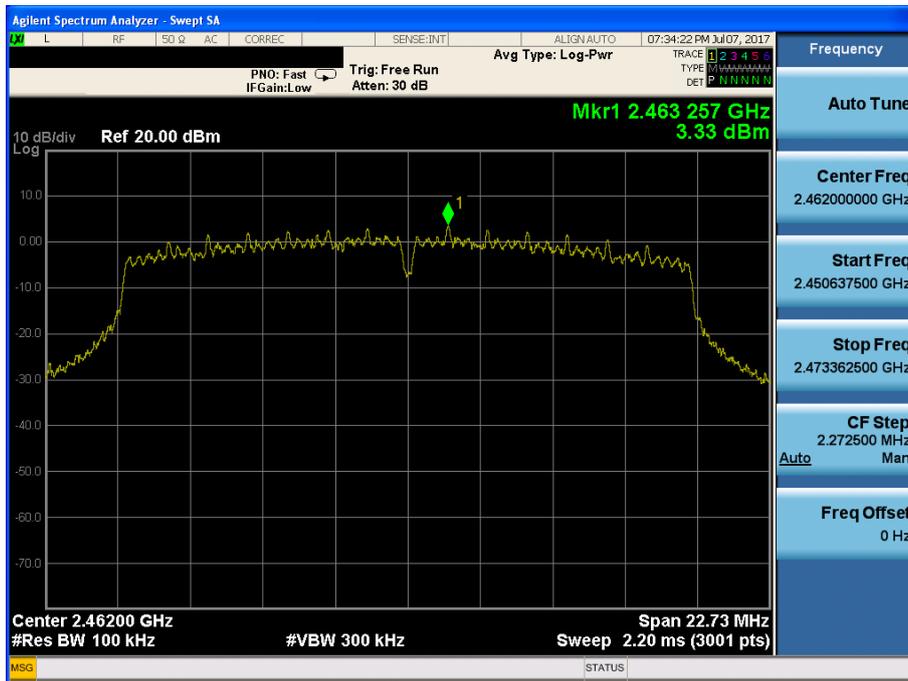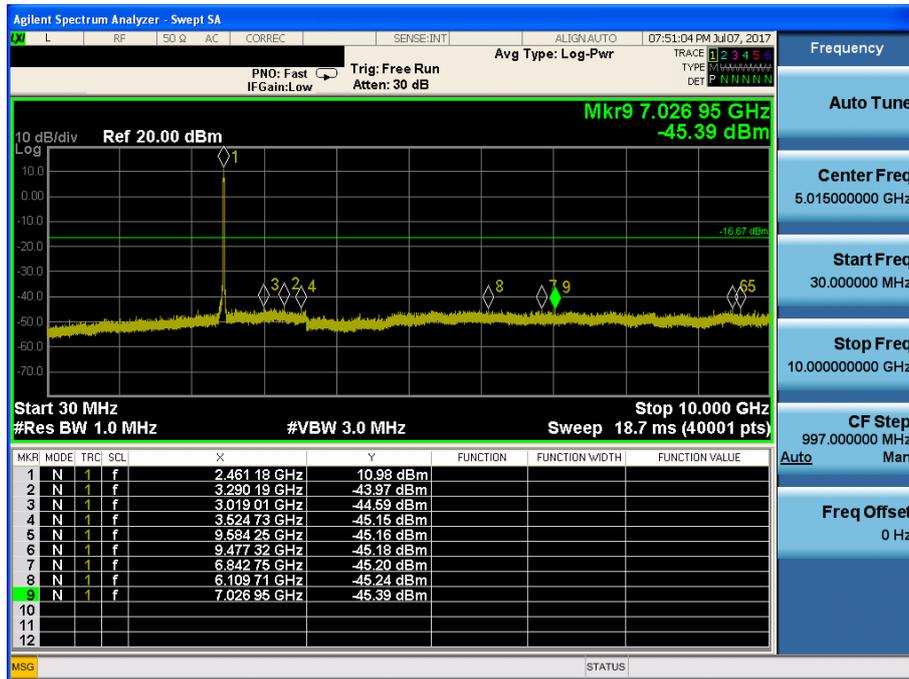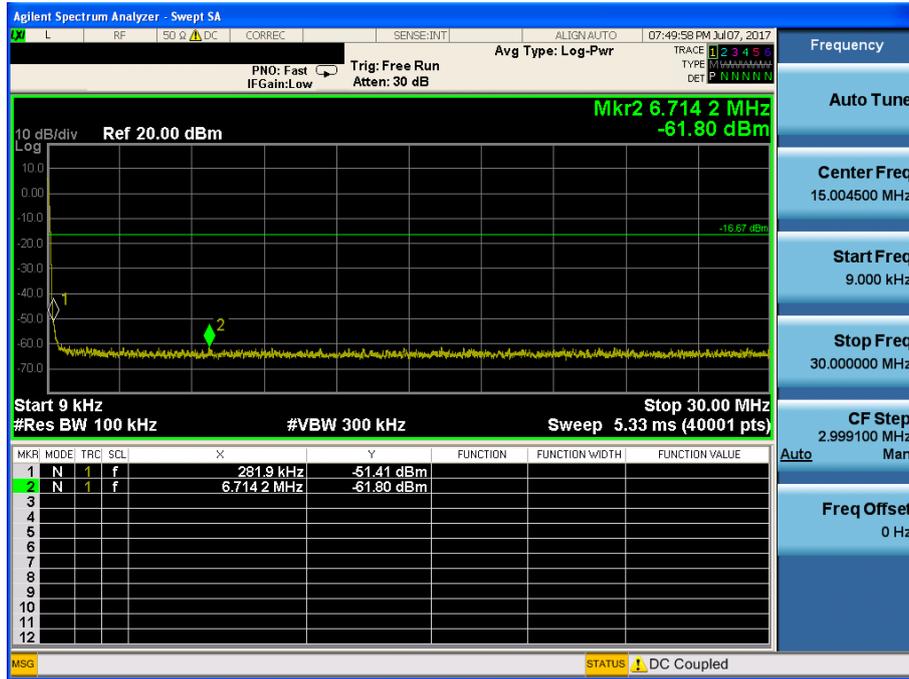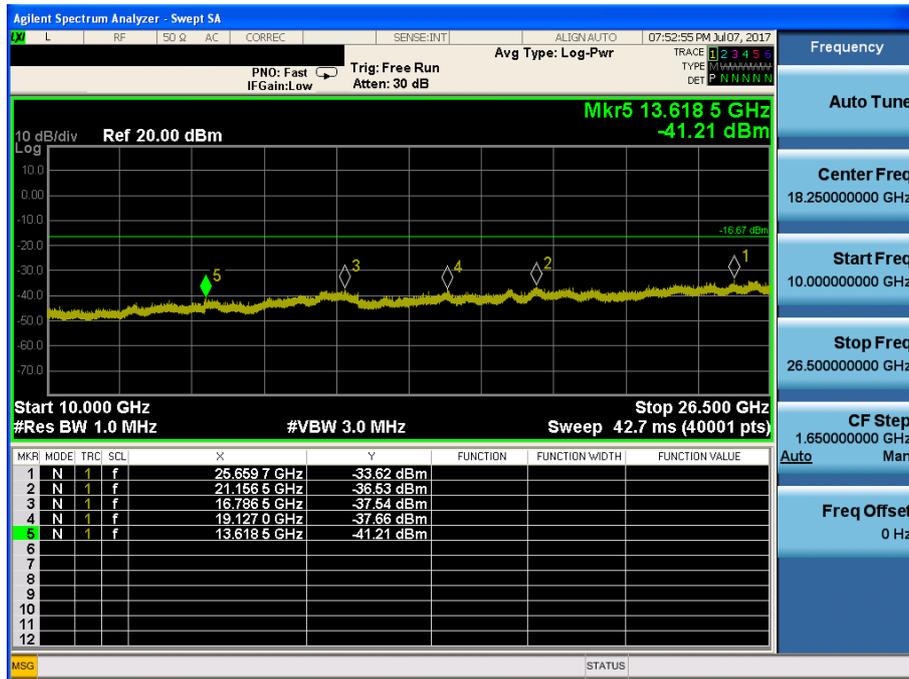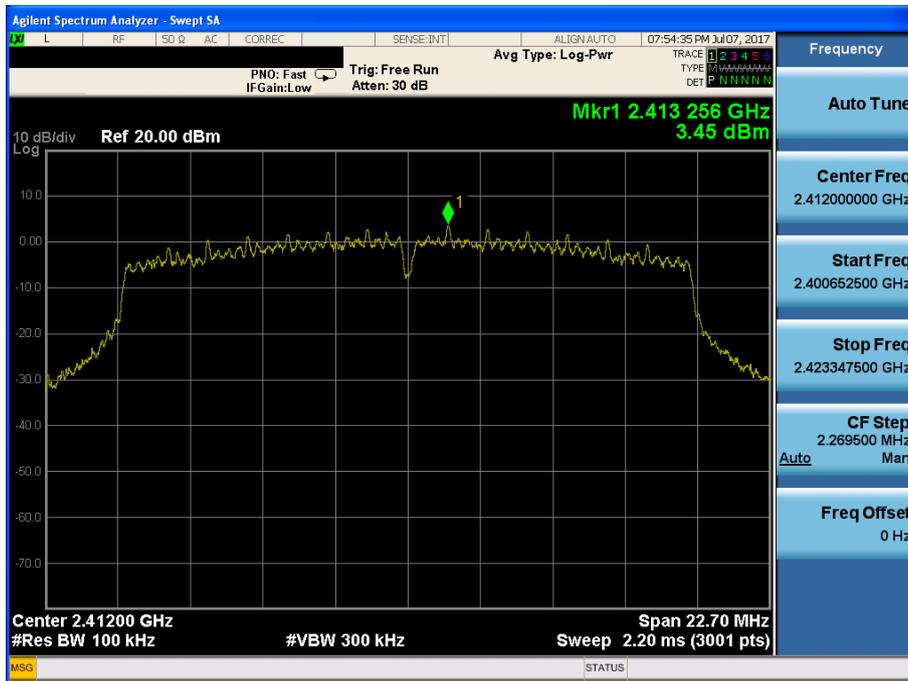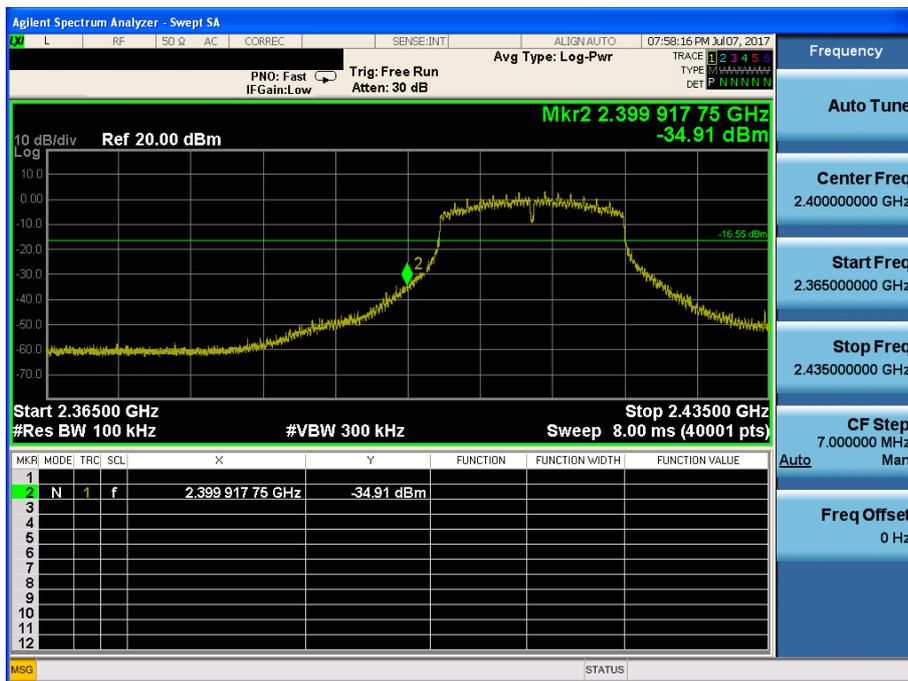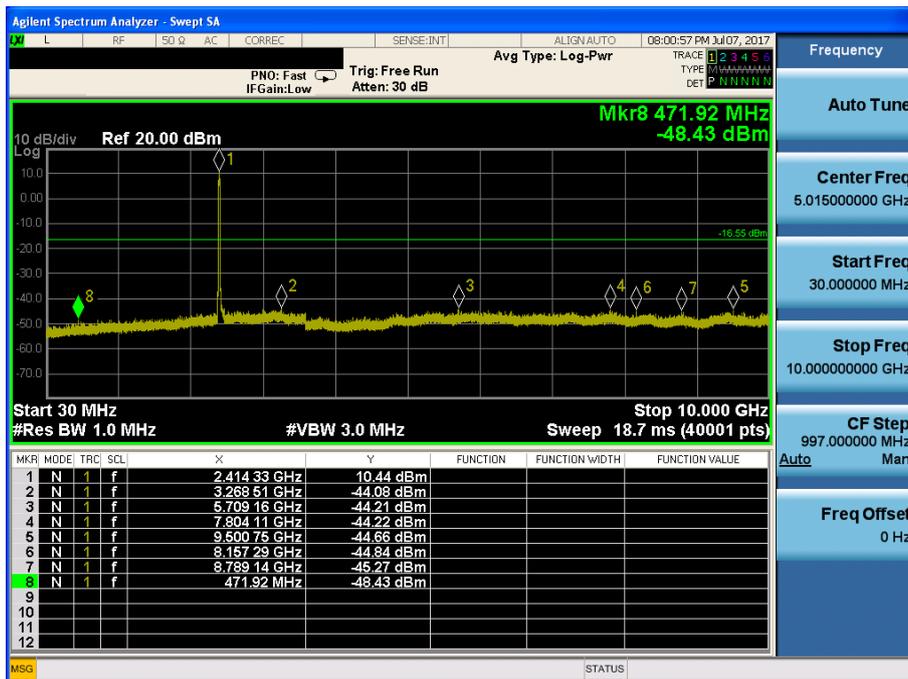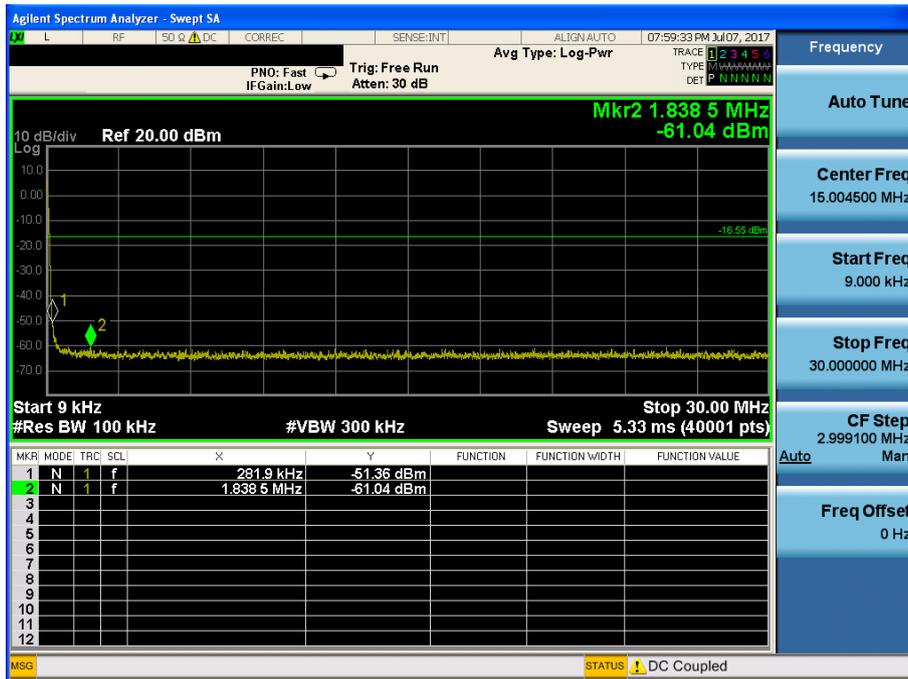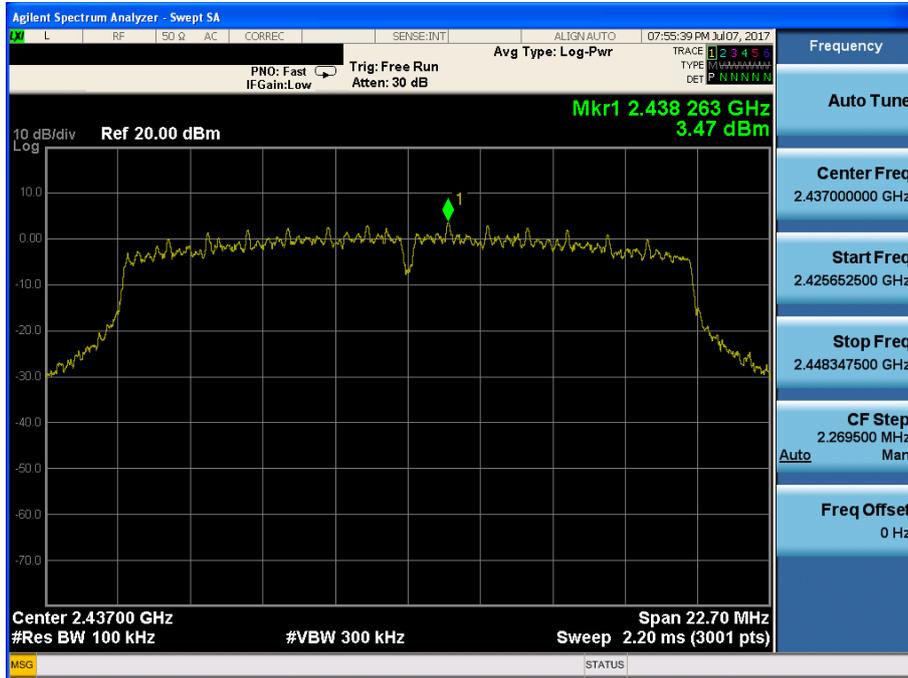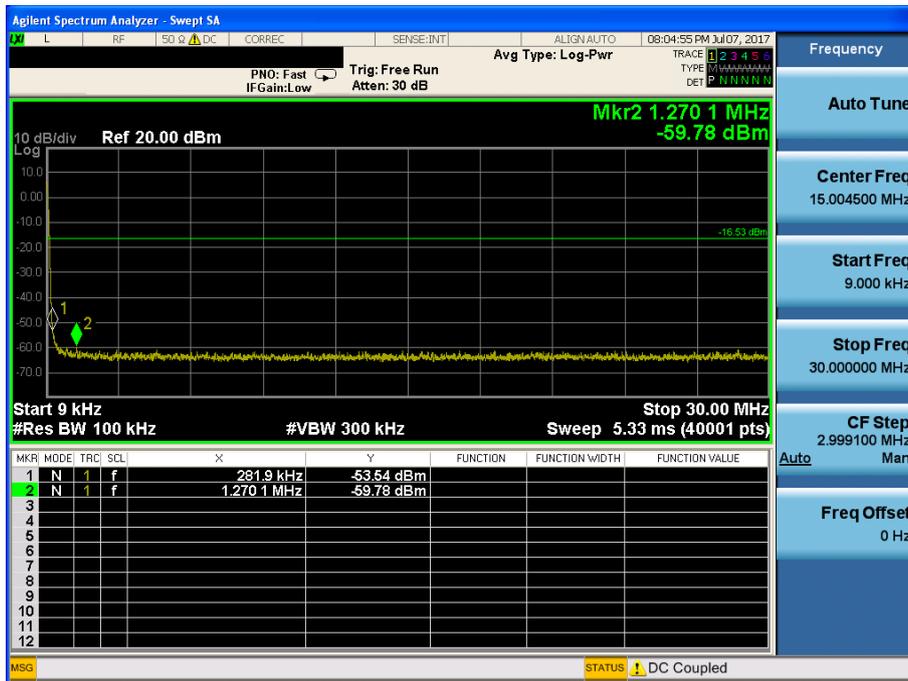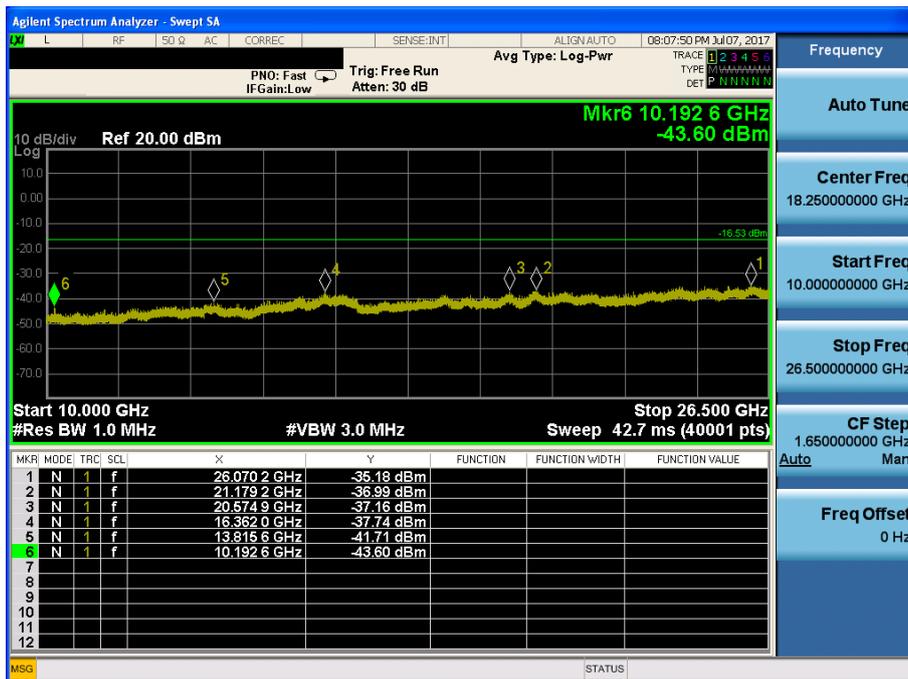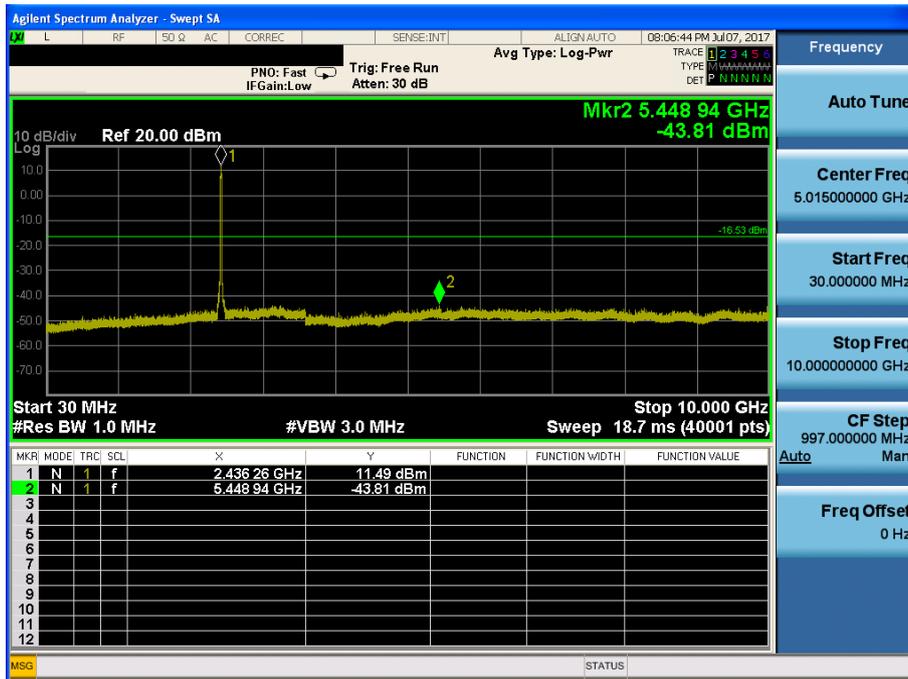
TM 7 & ANT 2 & Middle
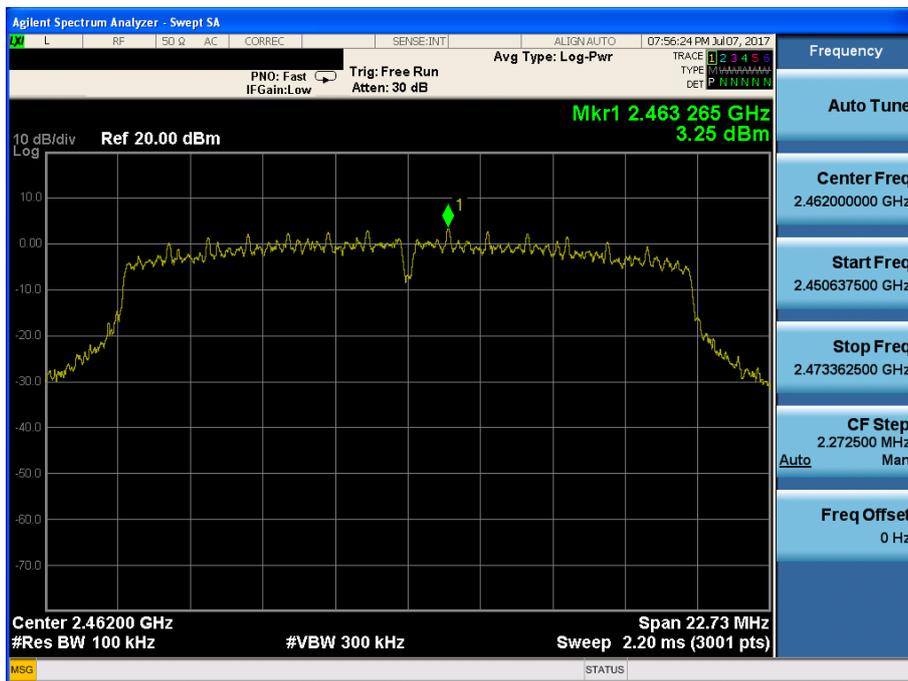
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Conducted Spurious Emissions
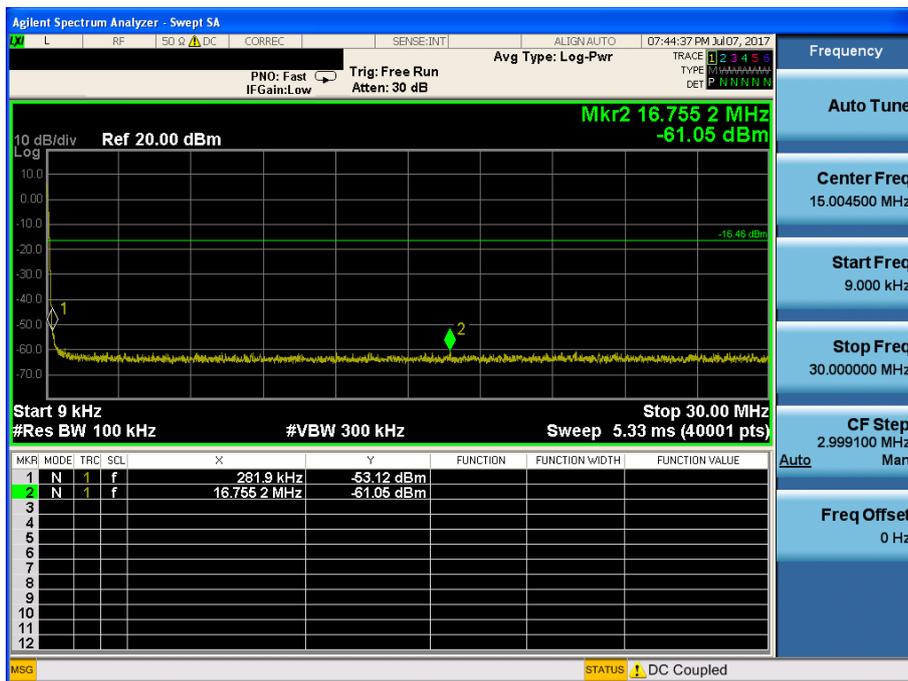
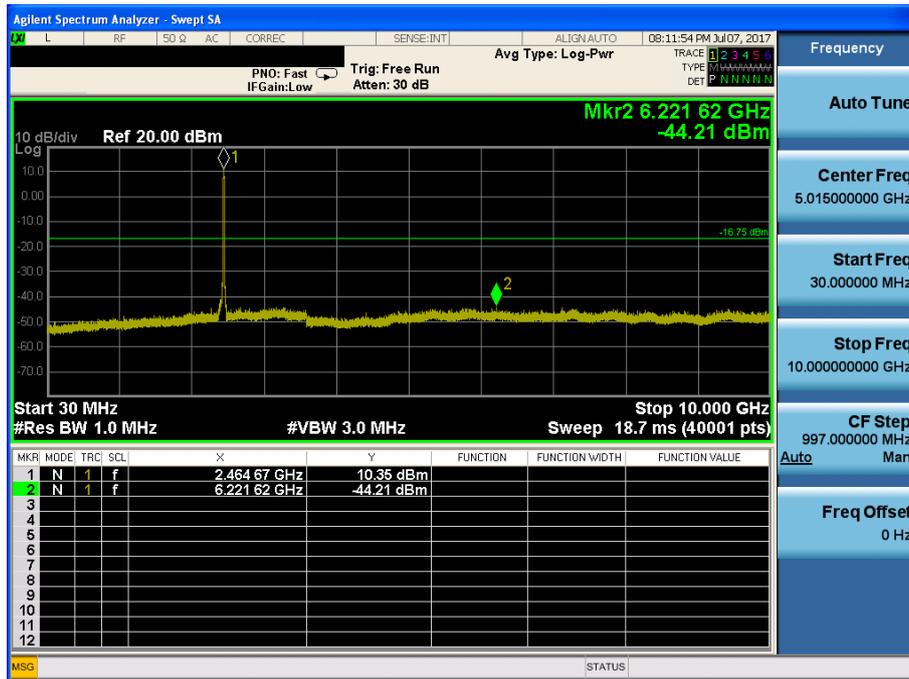## Conducted Spurious Emissions
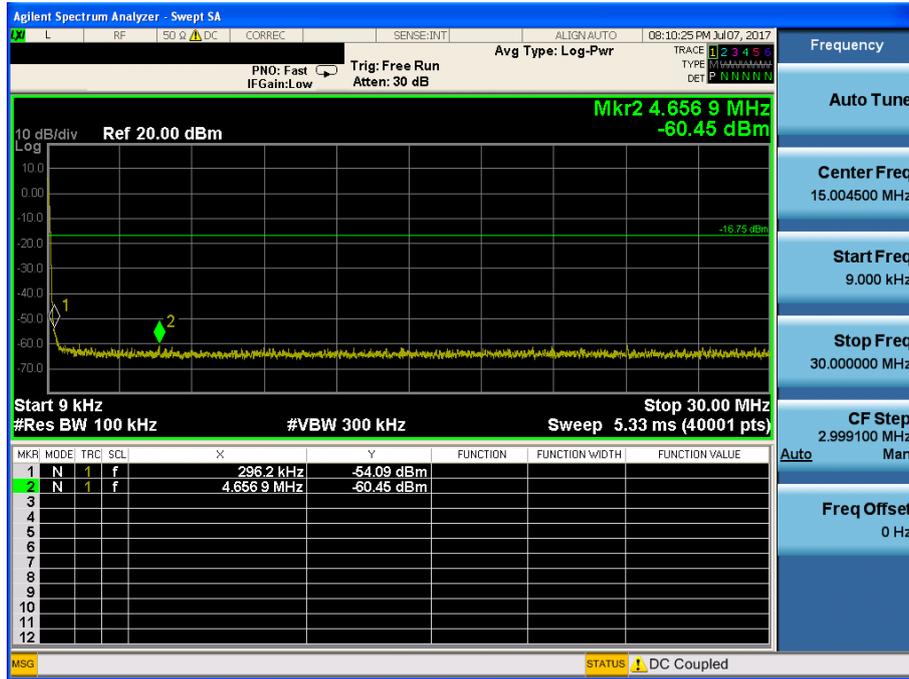
TM 7 & ANT 2 & Highest
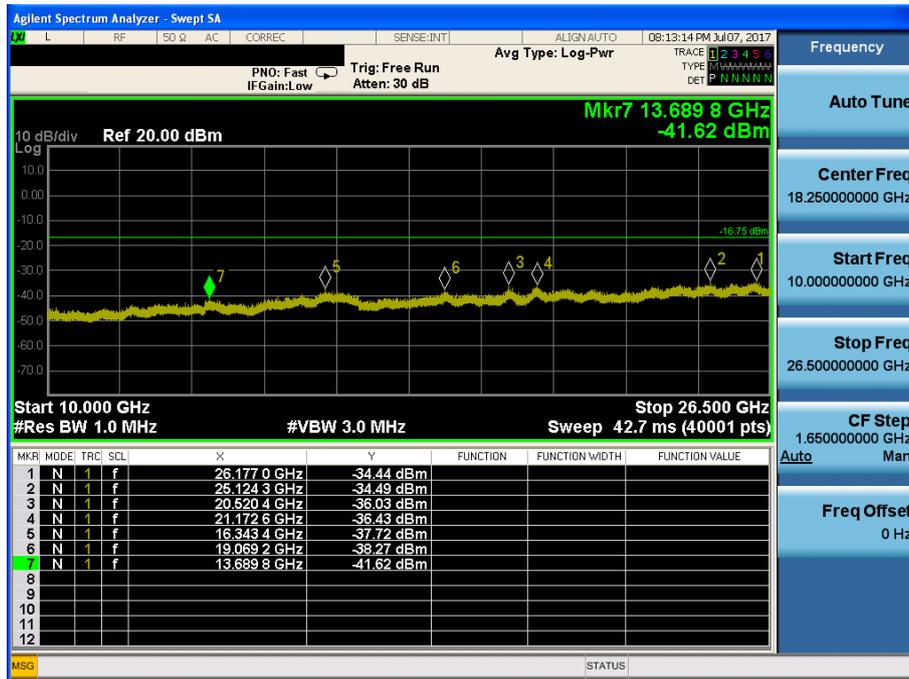
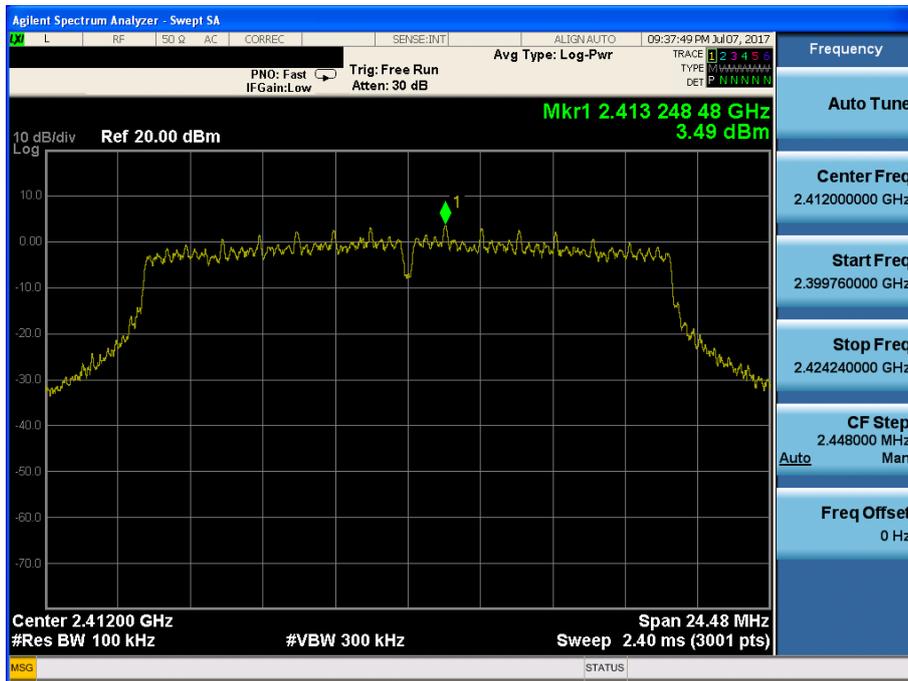### Reference

High Band-edge

Conducted Spurious Emissions

Conducted Spurious Emissions

TM 8 & ANT 2 & Lowest

Reference

Low Band-edge

Conducted Spurious Emissions

Conducted Spurious Emissions

TM 8 & ANT 2 & Middle

Reference

Conducted Spurious Emissions

Conducted Spurious Emissions

TM 8 & ANT 2 & Highest

Reference

High Band-edge

Conducted Spurious Emissions
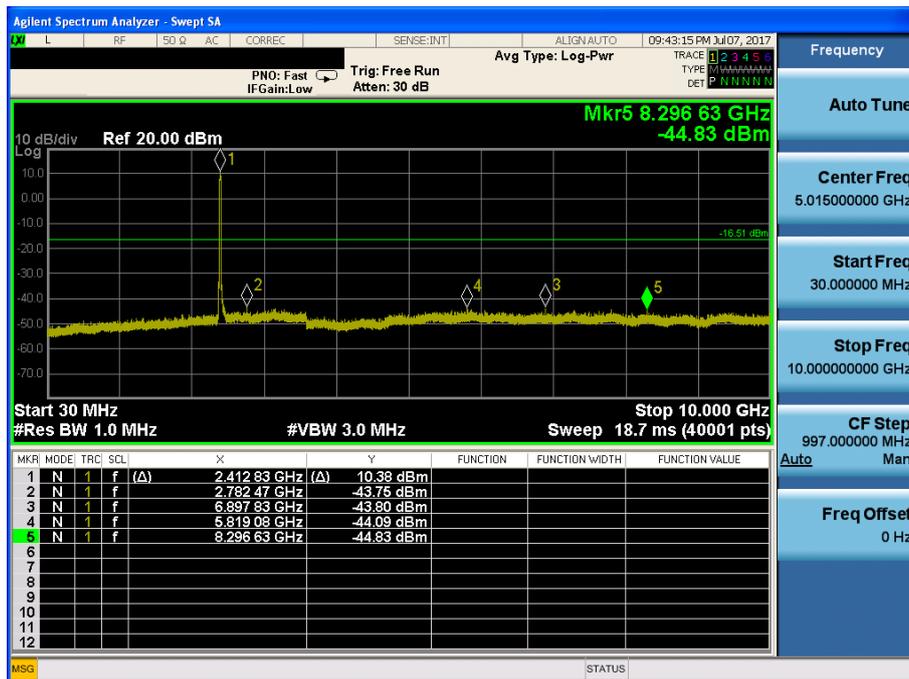
Conducted Spurious Emissions

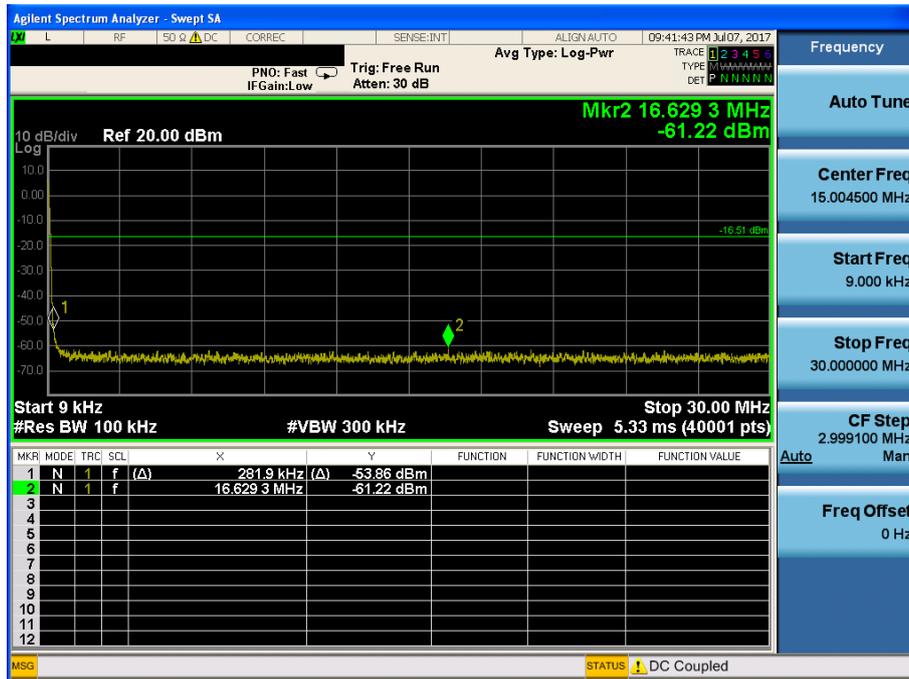## TM 9 & ANT 2 & Lowest
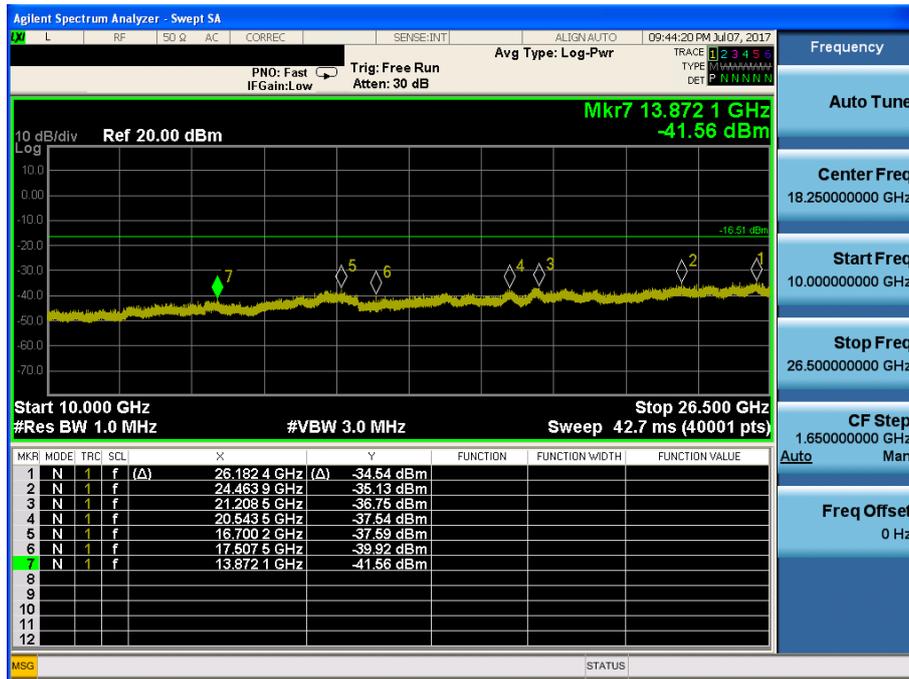
Reference

Low Band-edge
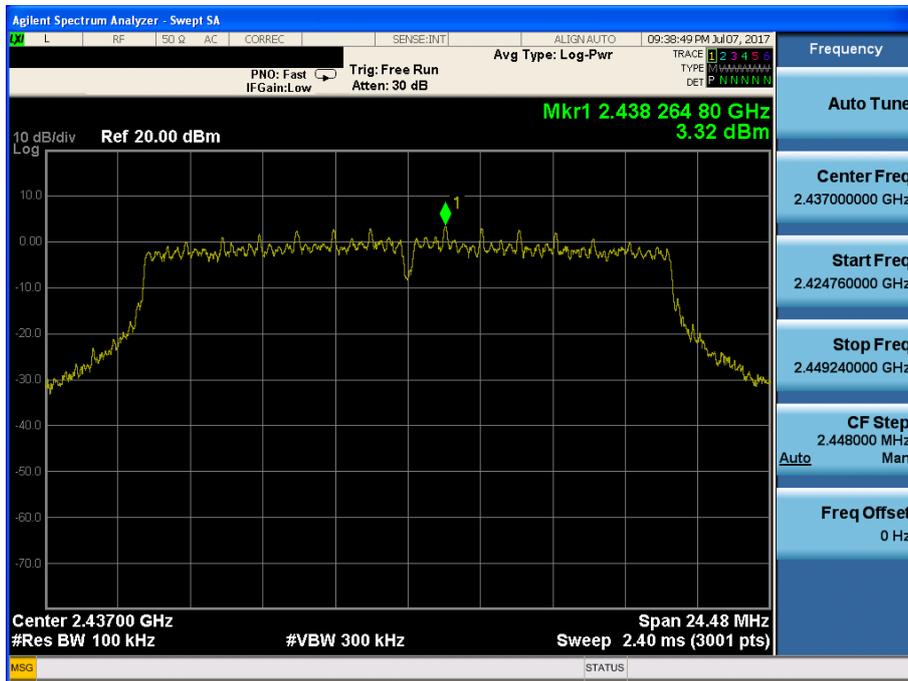
Conducted Spurious Emissions

Conducted Spurious Emissions

TM 9 ＆ ANT 2 ＆ Middle

Reference

Conducted Spurious Emissions