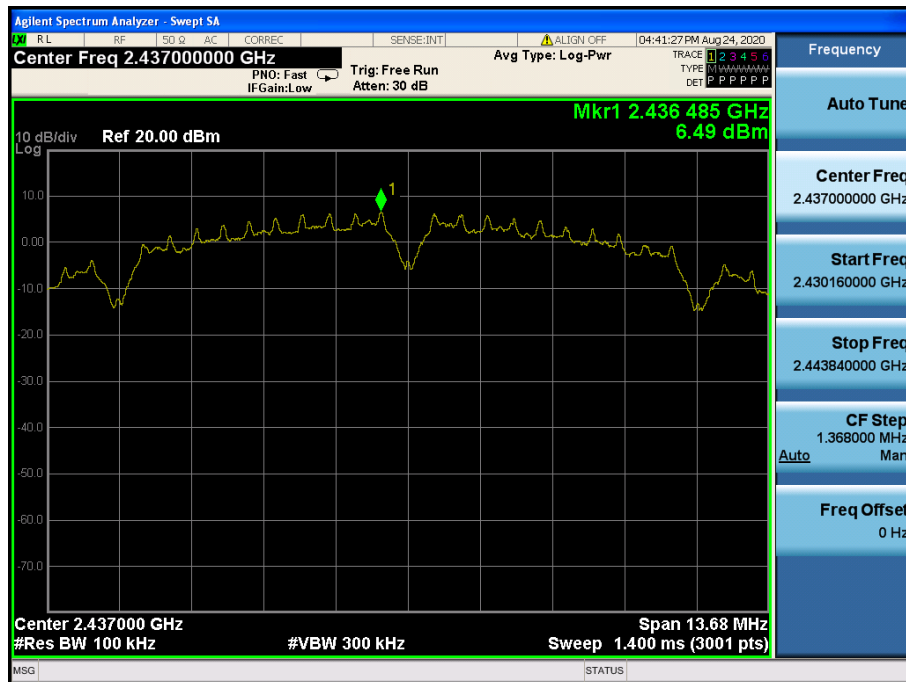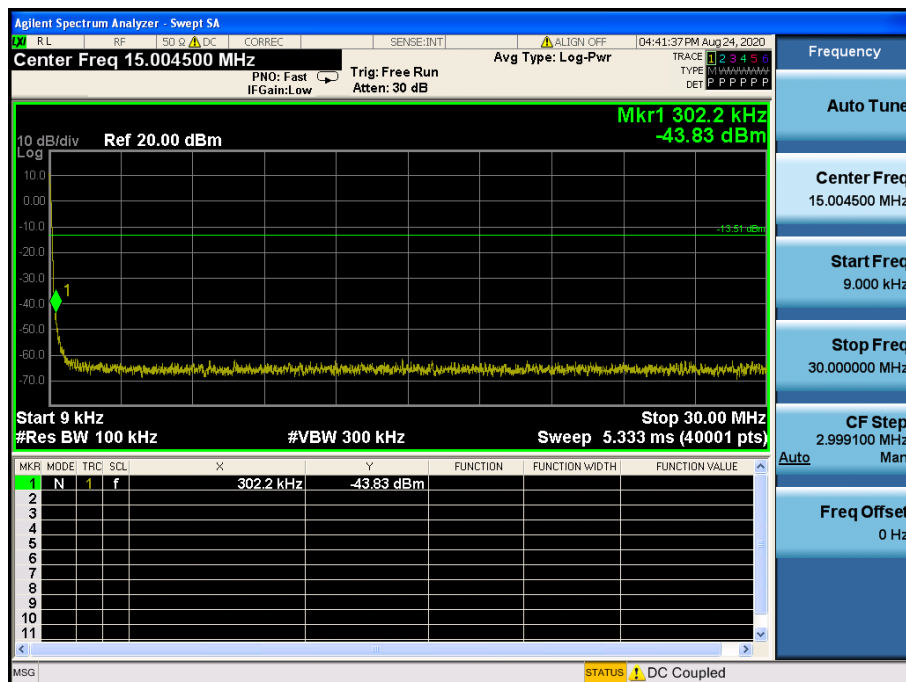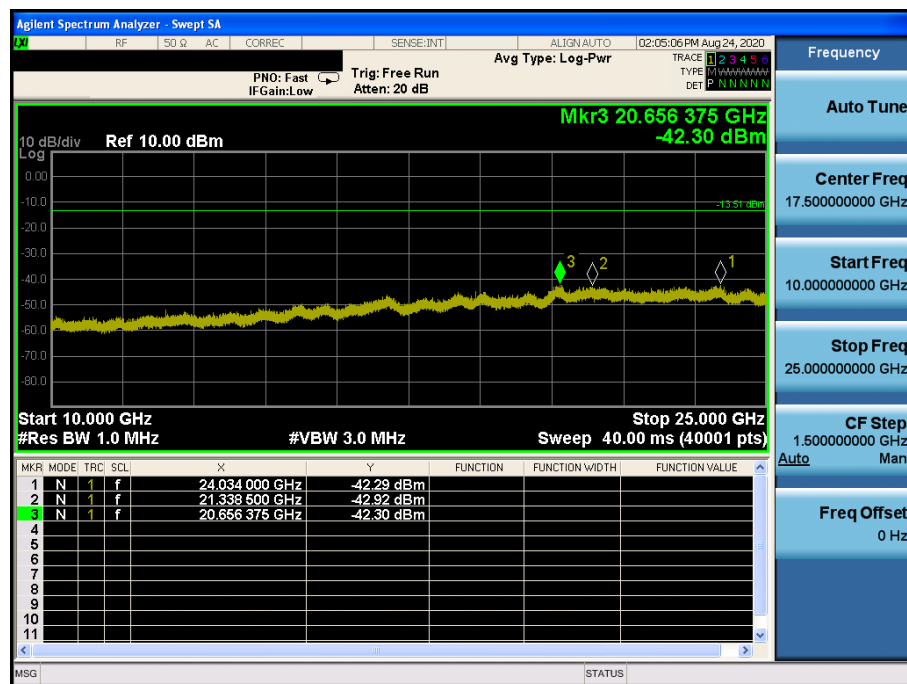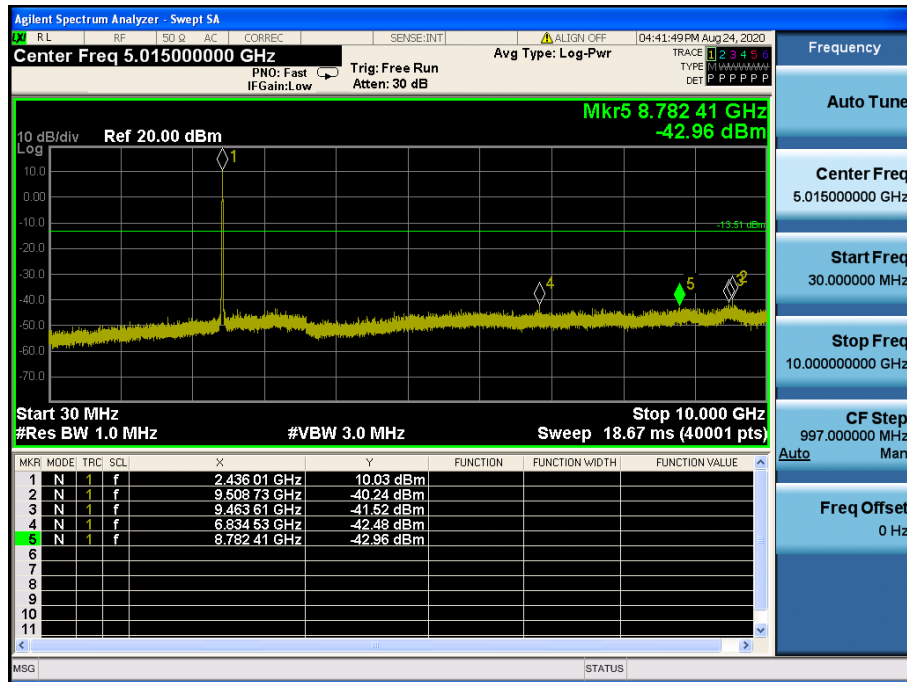**TM 1   &   ANT 1   &   2 437**

Reference

Conducted Spurious Emissions

Conducted Spurious Emissions

TM 1 & ANT 1 & 2 462

Reference
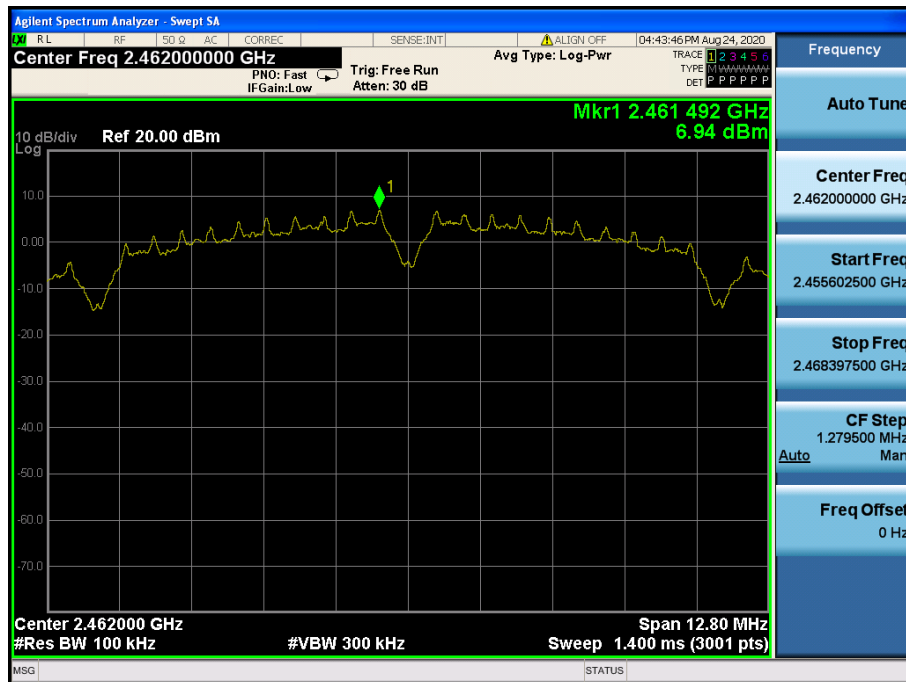
High Band-edge

Conducted Spurious Emissions

Conducted Spurious Emissions

TM 1 ＆ ANT 1 ＆ 2 467

Reference

High Band-edge

Conducted Spurious Emissions

Dt&C

Conducted Spurious Emissions

TM 1 & ANT 1 & 2 472

Reference

High Band-edge

Conducted Spurious Emissions

Conducted Spurious Emissions

TM 2 ＆ ANT 1 ＆ 2 412

Reference
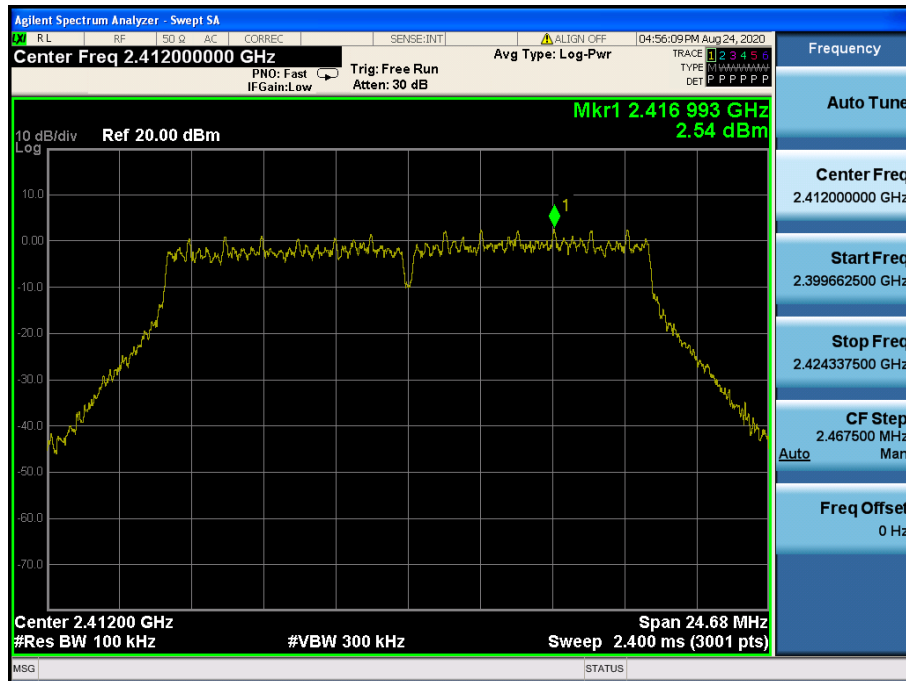
Low Band-edge

Conducted Spurious Emissions

Conducted Spurious Emissions

TM 2 & ANT 1 & 2 437

Reference

Conducted Spurious Emissions
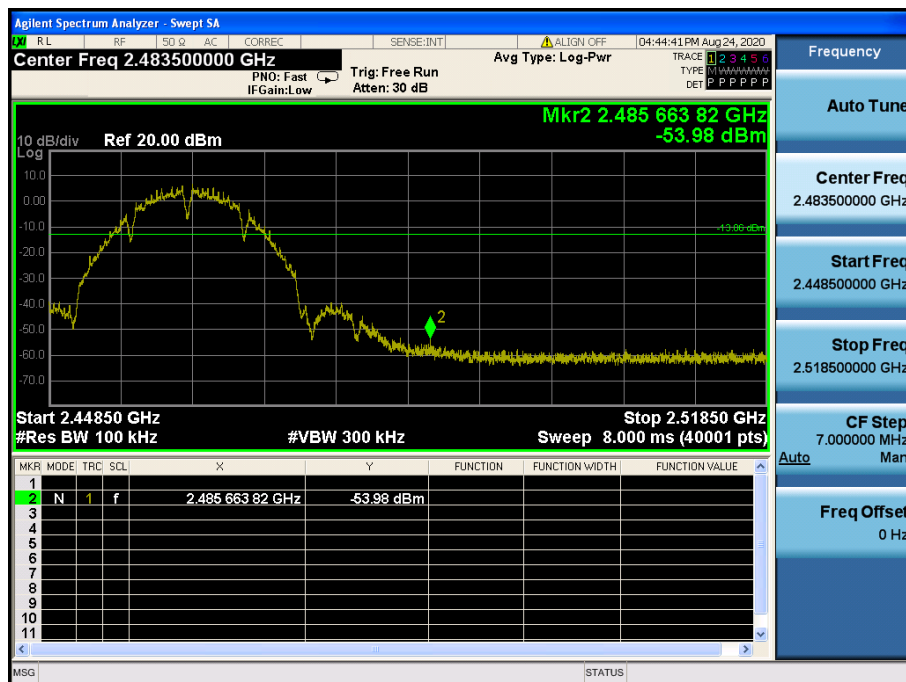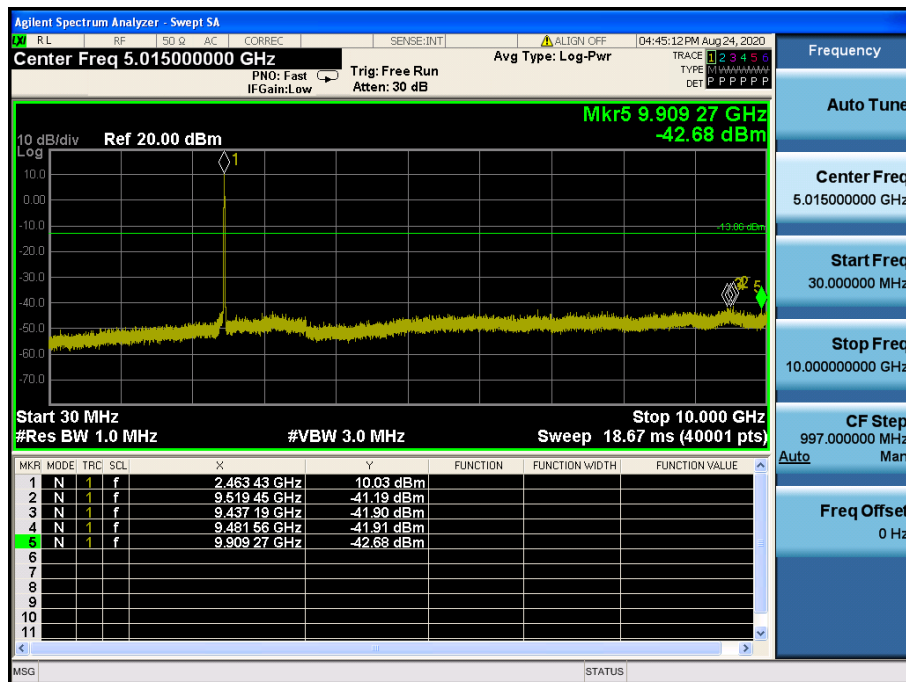
Conducted Spurious Emissions
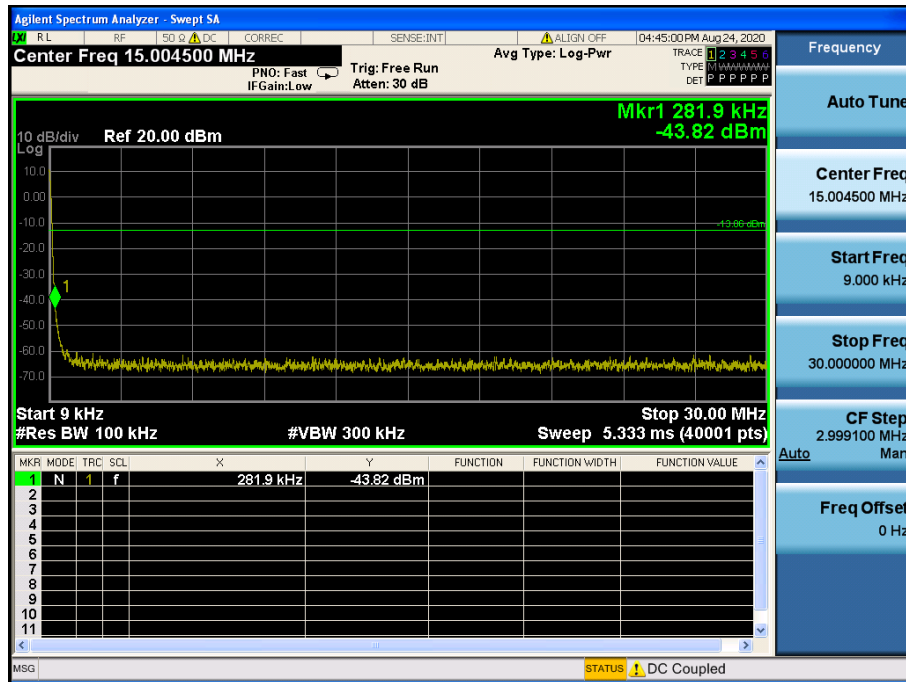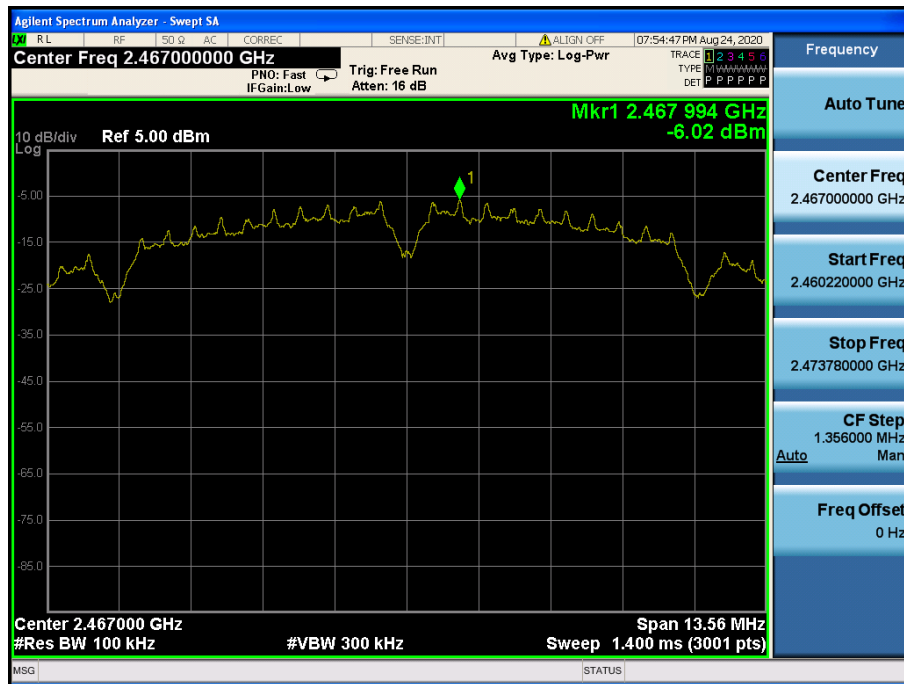
TM 2 & ANT 1 & 2 462

Reference

High Band-edge

Conducted Spurious Emissions
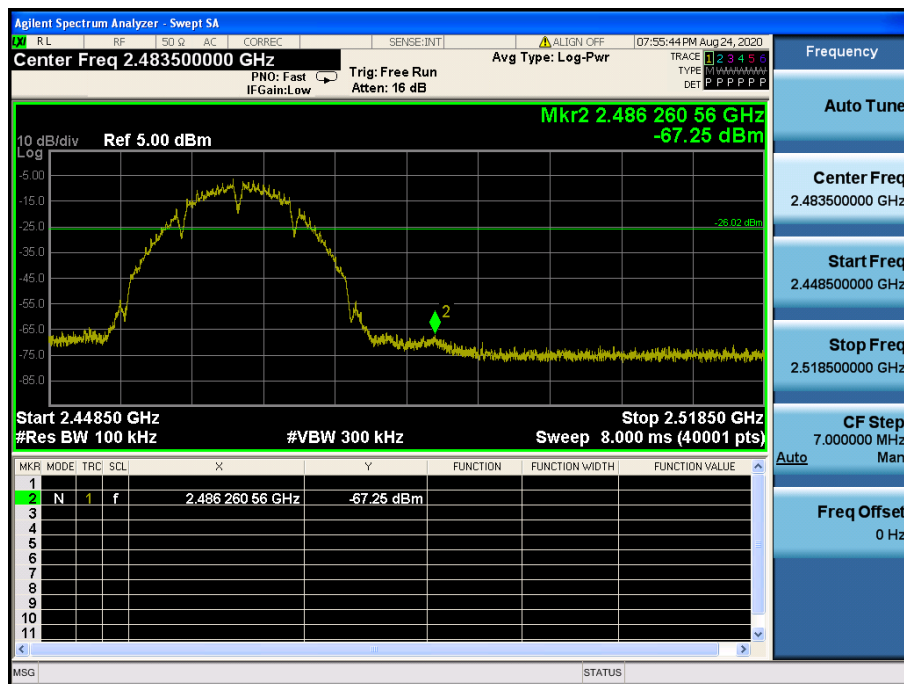
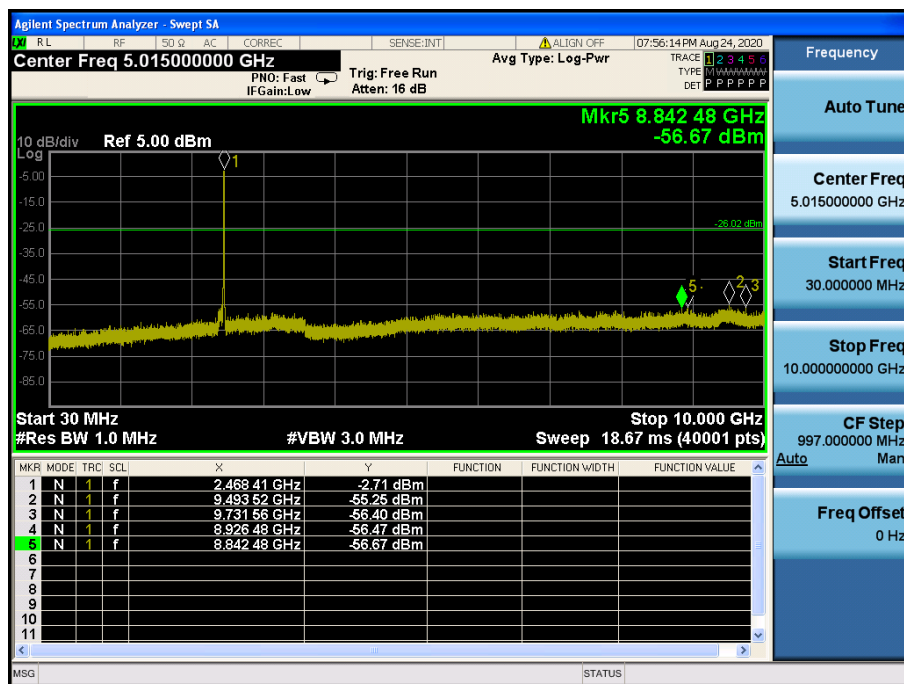## Conducted Spurious Emissions

TM 2 & ANT 1 & 2 467

Reference

High Band-edge

Dt&C

Conducted Spurious Emissions

Conducted Spurious Emissions
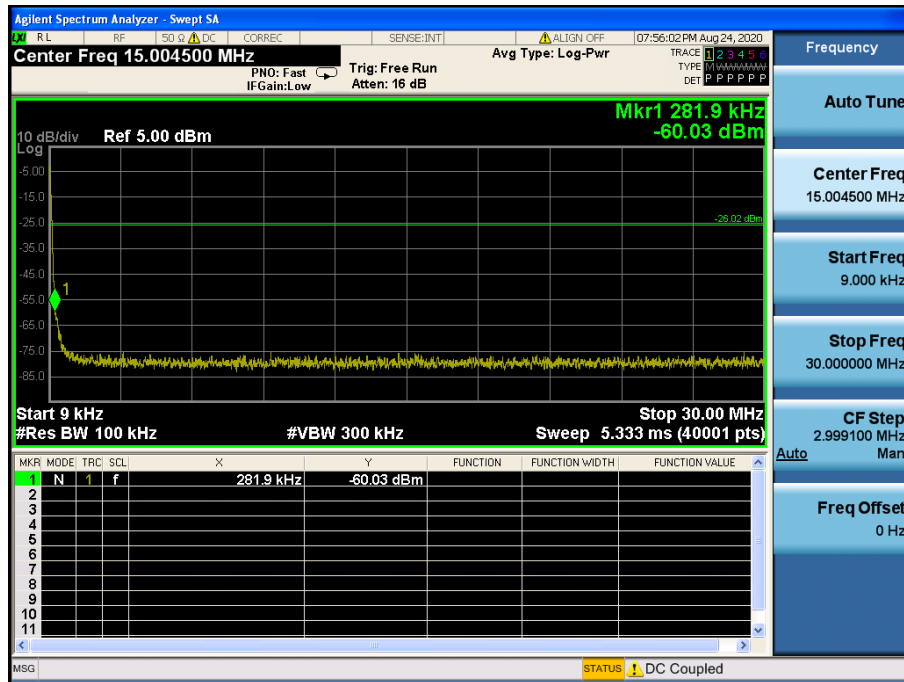
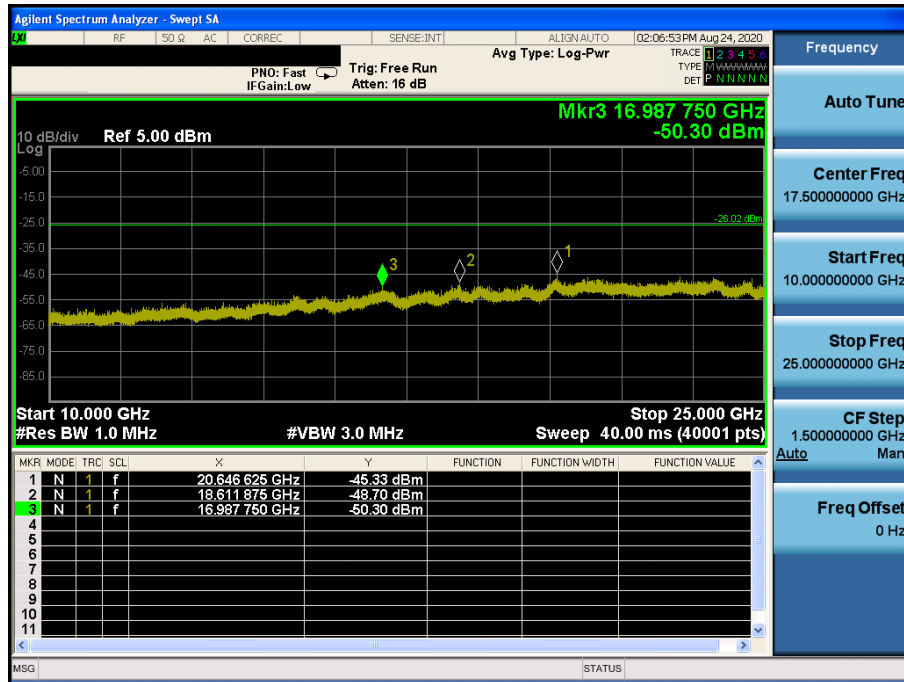## TM 2 & ANT 1 & 2 472

Reference

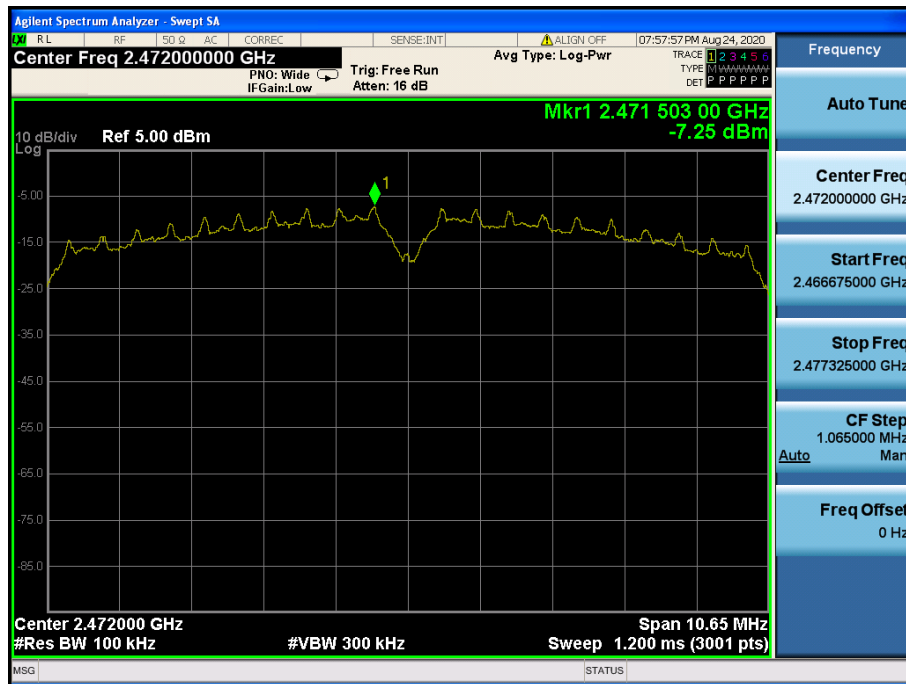
High Band-edge

Conducted Spurious Emissions

Conducted Spurious Emissions
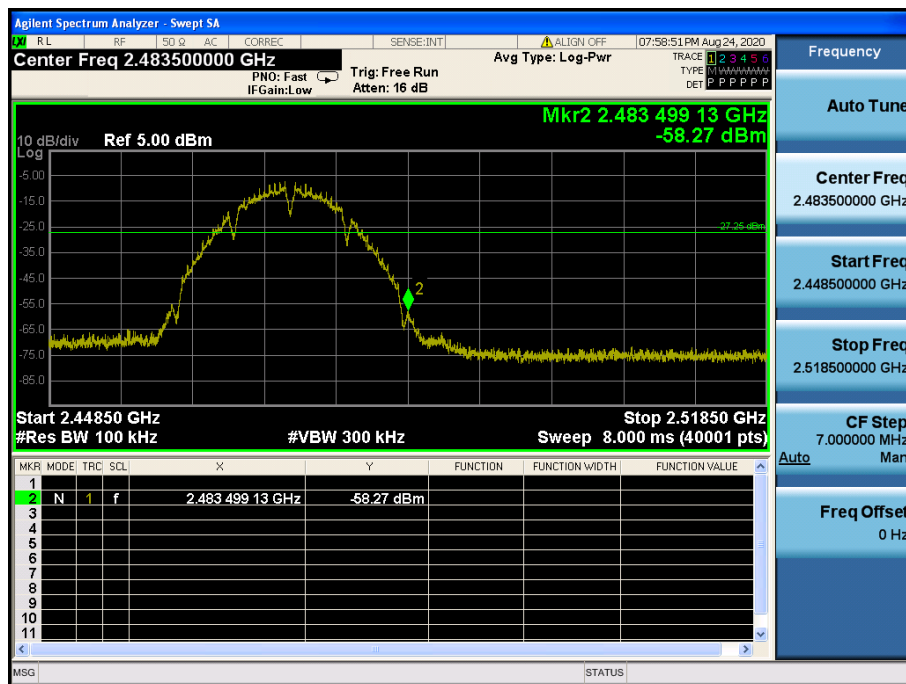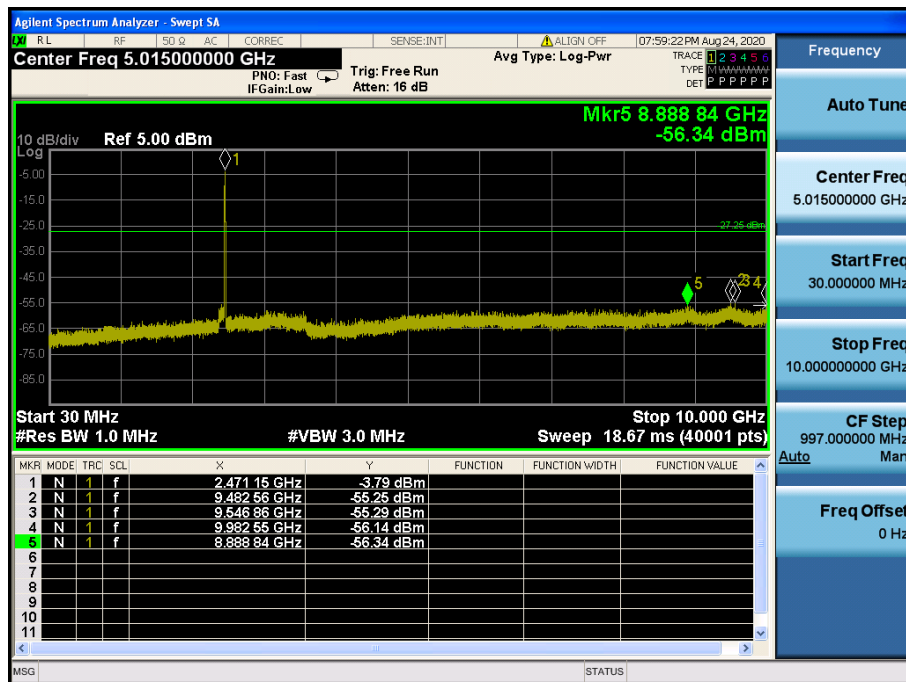
TM 3 ＆ ANT 1 ＆ 2 412

Reference

Low Band-edge

Conducted Spurious Emissions

Conducted Spurious Emissions

TM 3 & ANT 1 & 2 437

Reference

Conducted Spurious Emissions

Conducted Spurious Emissions

Dt&C

TM 3 & ANT 1 & 2 462

Reference

High Band-edge

Conducted Spurious Emissions

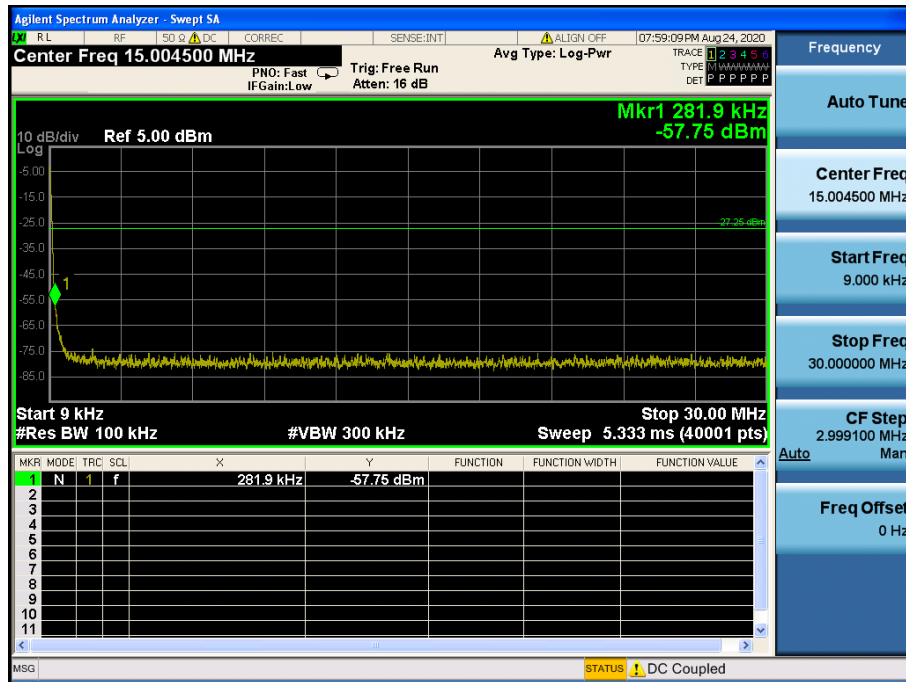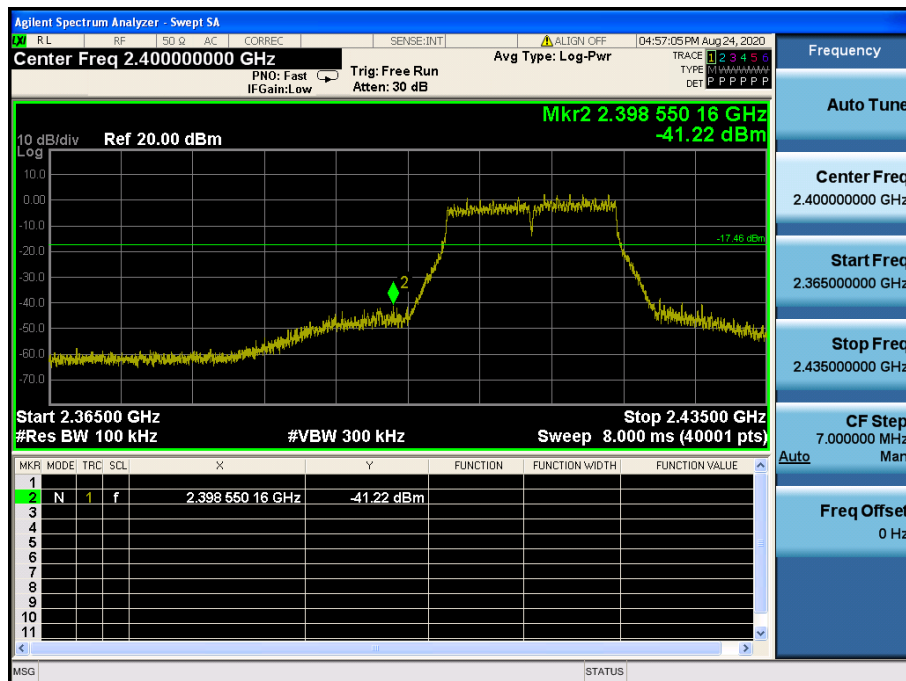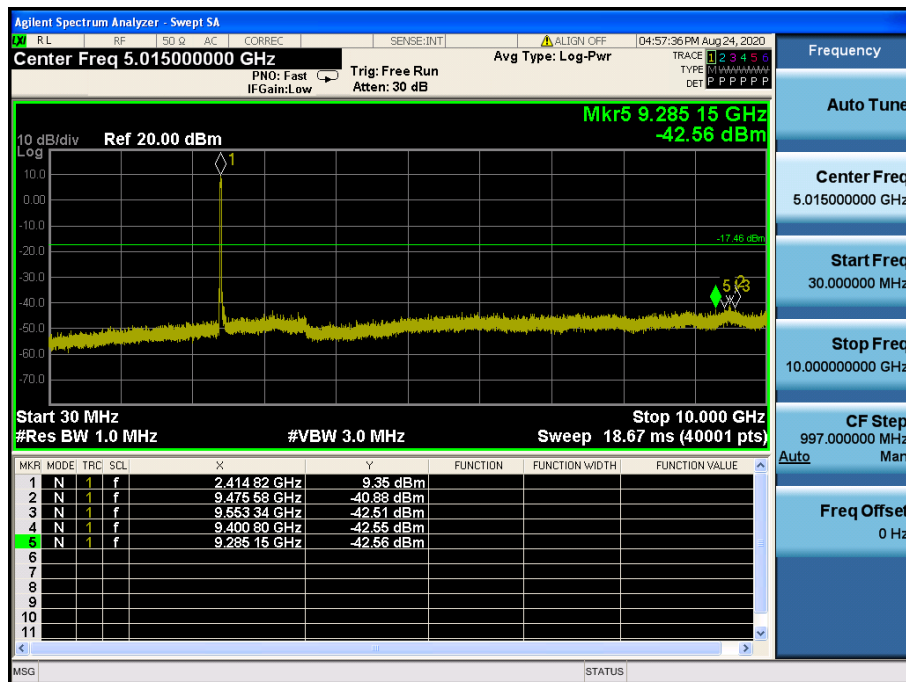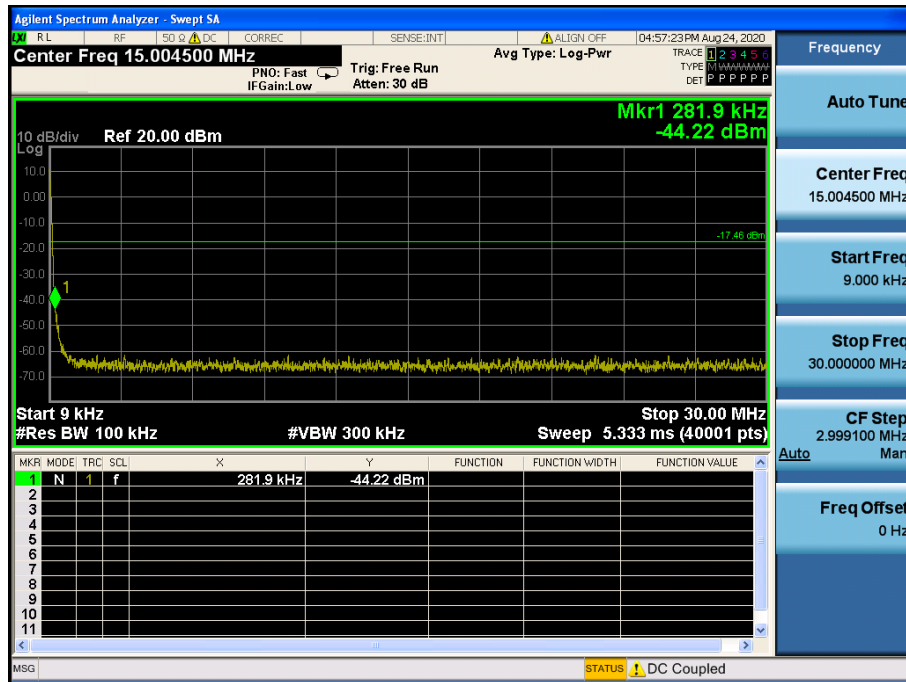## Conducted Spurious Emissions

TM 3 & ANT 1 & 2 467

Reference
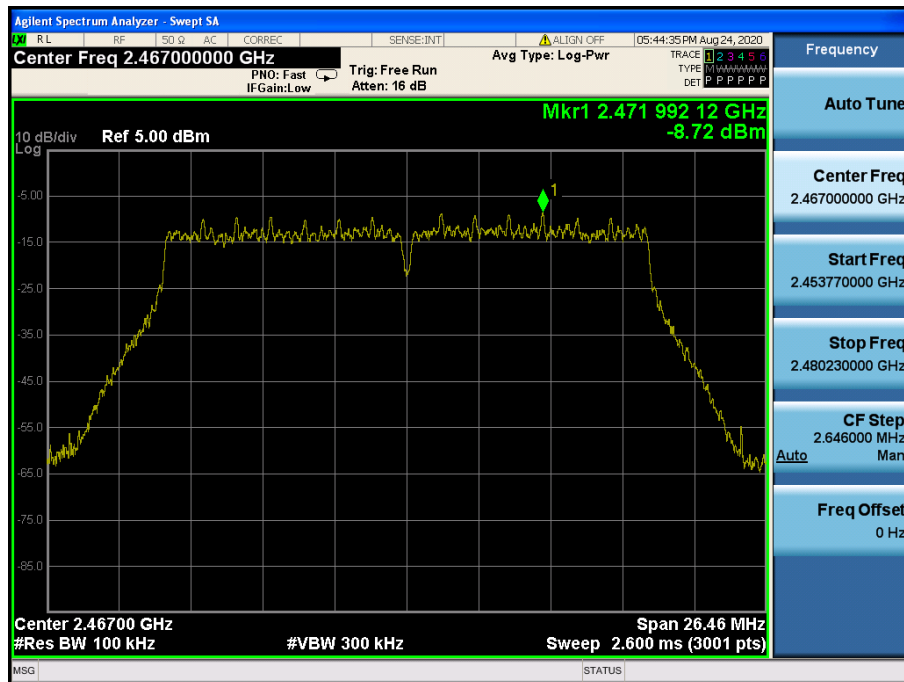
High Band-edge

Conducted Spurious Emissions

Conducted Spurious Emissions

TM 3 & ANT 1 & 2 472

Reference

High Band-edge

Dt&C

Conducted Spurious Emissions

Agilent Spectrum Analyzer - Swept SA
R L   RF   50 Ω DC   CORREC   SENSE:INT   ALIGN OFF   05:54:47 PM Aug 24, 2020
Center Freq 15.004500 MHz   Avg Type: Log-Pwr   TRACE 1 2 3 4 5
                    PNO: Fast   Trig: Free Run   TYPE M W W W W
                    IFGain:Low   Atten: 16 dB   DET P P P P P P

Mkr1 281.9 kHz
-58.04 dBm

10 dB/div   **Ref 5.00 dBm**
Log
-5.00
-15.0
-25.0   -30.15 dBm
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0

Start 9 kHz   Stop 30.00 MHz
#Res BW 100 kHz   #VBW 300 kHz   Sweep 5.333 ms (40001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	281.9 kHz	-58.04 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG   STATUS   DC Coupled

Frequency
Auto Tune
Center Freq 15.004500 MHz
Start Freq 9.000 kHz
Stop Freq 30.000000 MHz
CF Step 2.999100 MHz   Auto Man
Freq Offset 0 Hz

Agilent Spectrum Analyzer - Swept SA
R L   RF   50 Ω AC   CORREC   SENSE:INT   ALIGN OFF   05:55:02 PM Aug 24, 2020
Center Freq 5.015000000 GHz   Avg Type: Log-Pwr   TRACE 1 2 3 4 5
                    PNO: Fast   Trig: Free Run   TYPE M W W W W
                    IFGain:Low   Atten: 16 dB   DET P P P P P P

Mkr5 9.521 69 GHz
-55.74 dBm

10 dB/div   **Ref 5.00 dBm**
Log
-5.00
-15.0
-25.0   -30.15 dBm
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0

Start 30 MHz   Stop 10.000 GHz
#Res BW 1.0 MHz   #VBW 3.0 MHz   Sweep 18.67 ms (40001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.468 91 GHz	-2.70 dBm			
2	N	1	f	9.449 66 GHz	-55.05 dBm			
3	N	1	f	9.413 02 GHz	-55.41 dBm			
4	N	1	f	8.784 91 GHz	-55.62 dBm			
5	N	1	f	9.521 69 GHz	-55.74 dBm			
6								
7								
8								
9								
10								
11								

MSG   STATUS

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

Conducted Spurious Emissions

TM 1 & ANT 2 & 2 412

Reference
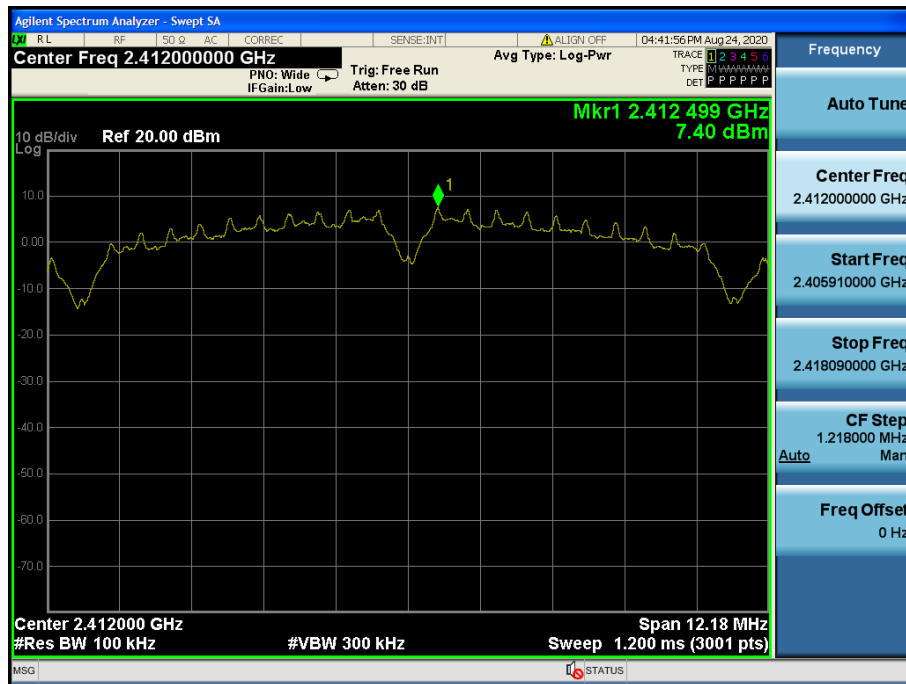
Low Band-edge

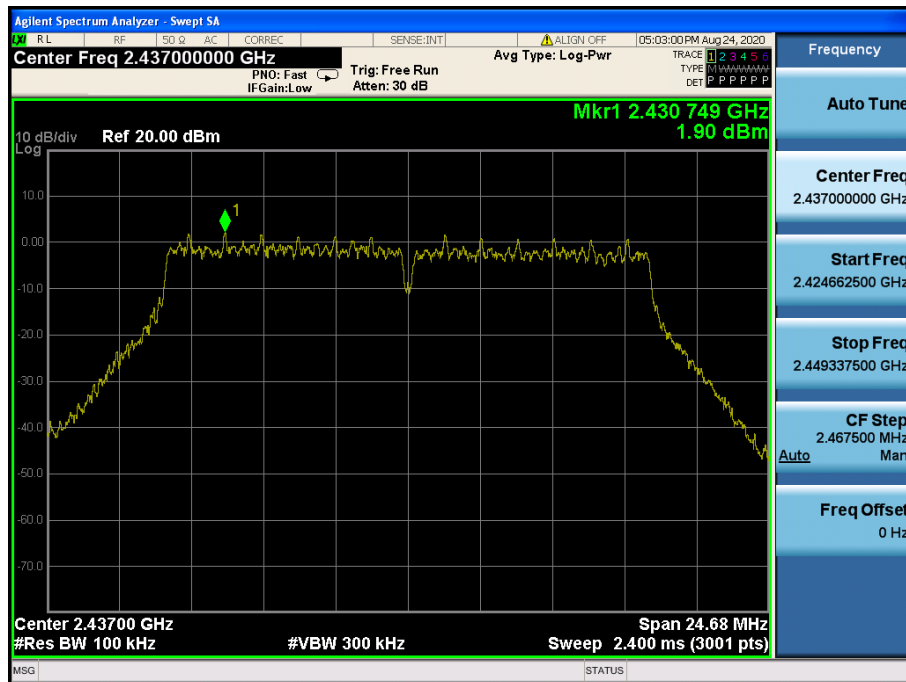## Conducted Spurious Emissions

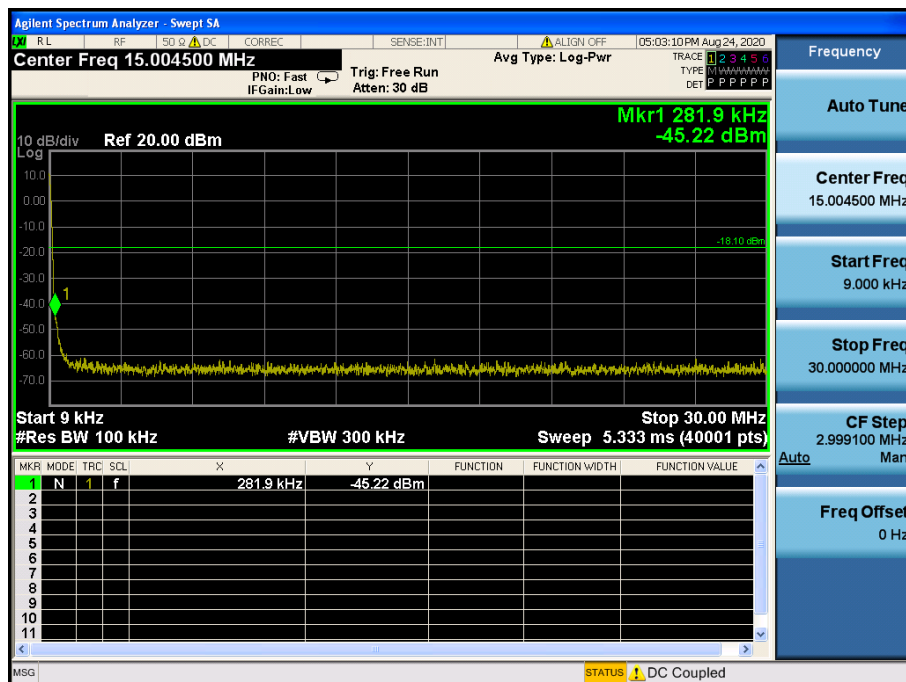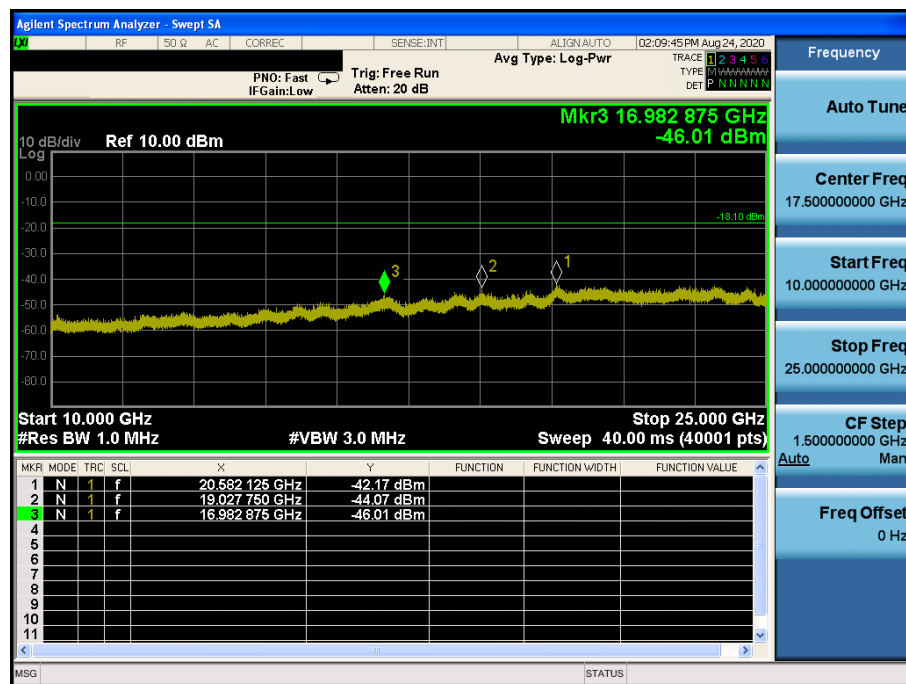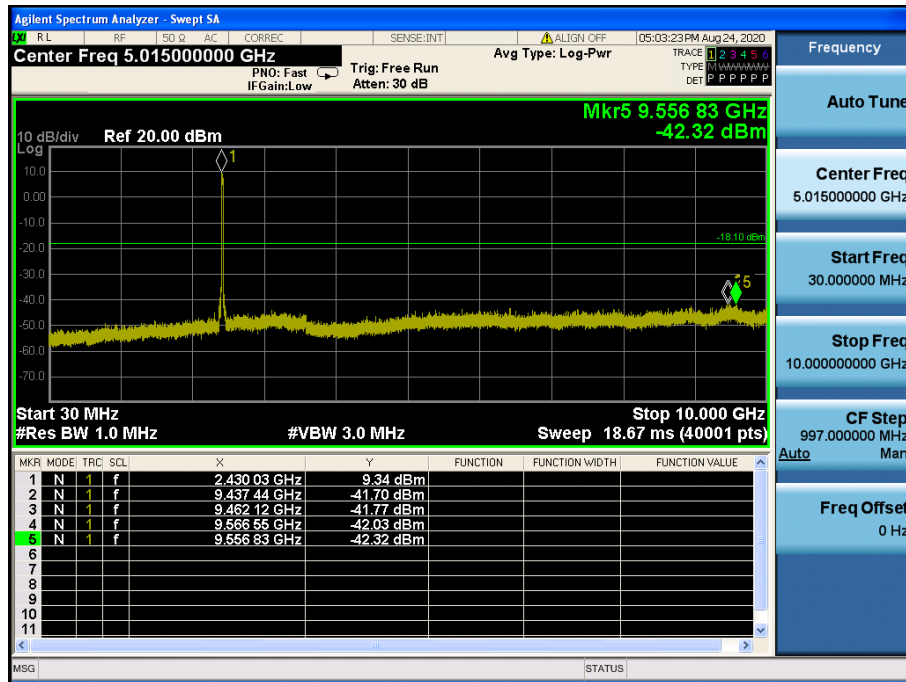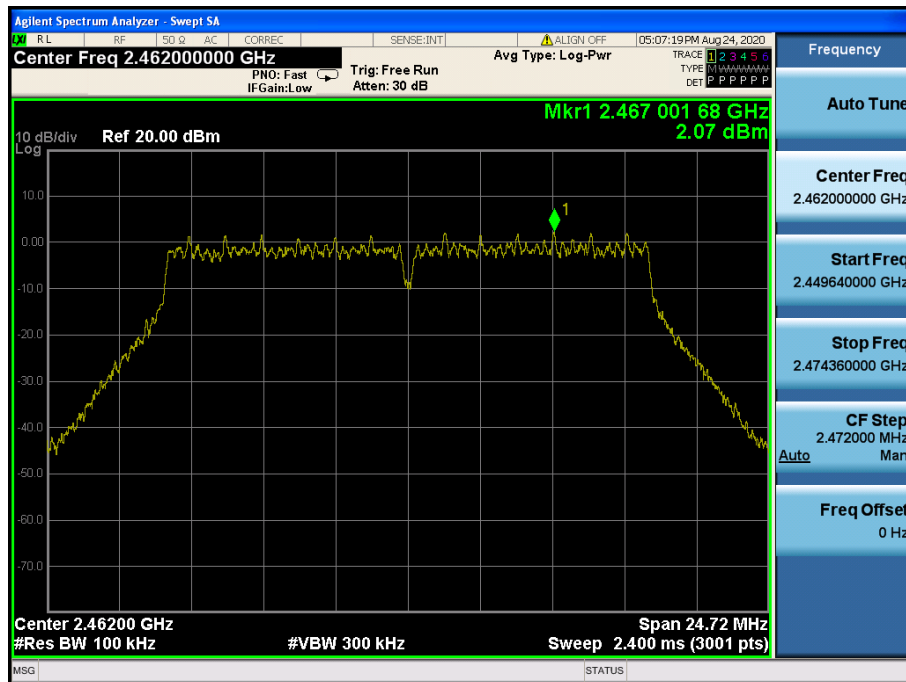## Conducted Spurious Emissions

TM 1 & ANT 2 & 2 437

Reference

Conducted Spurious Emissions
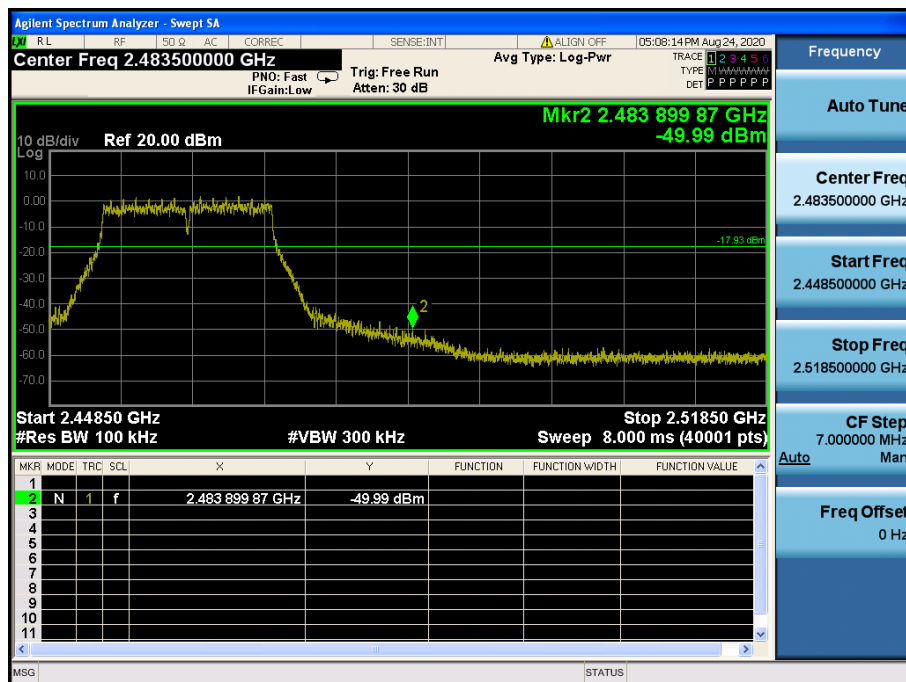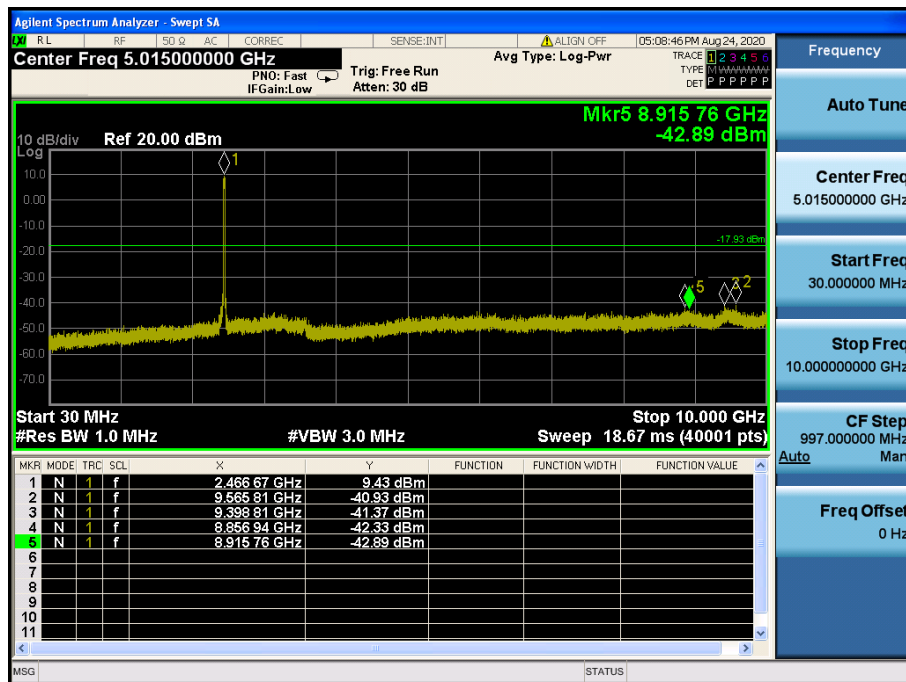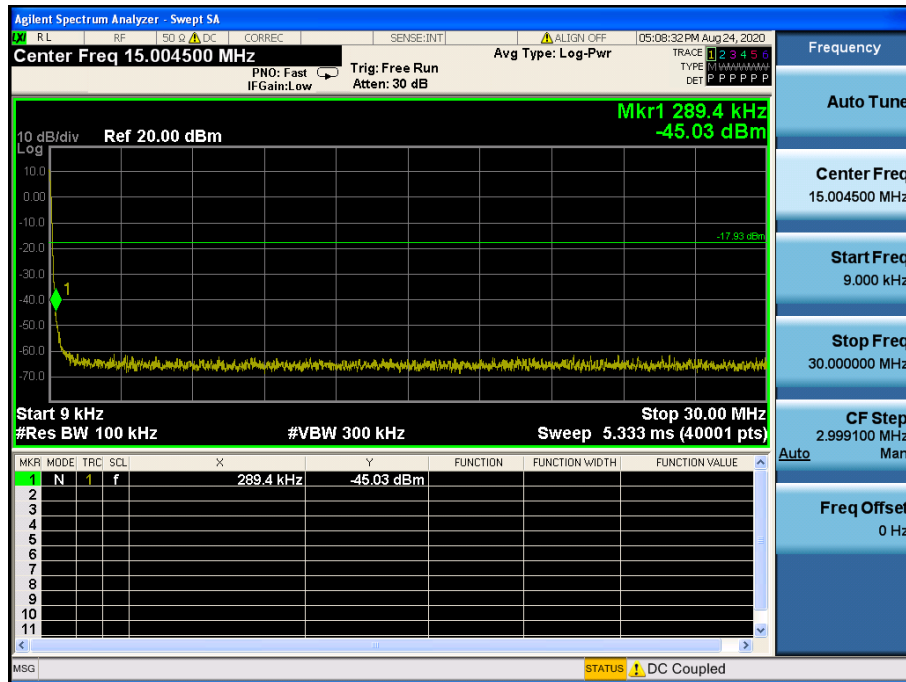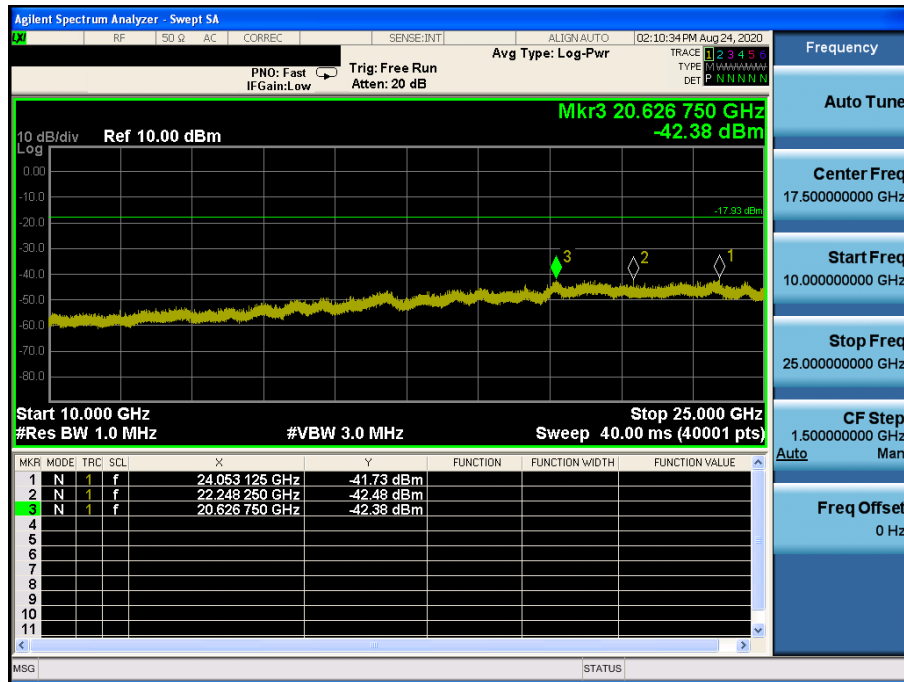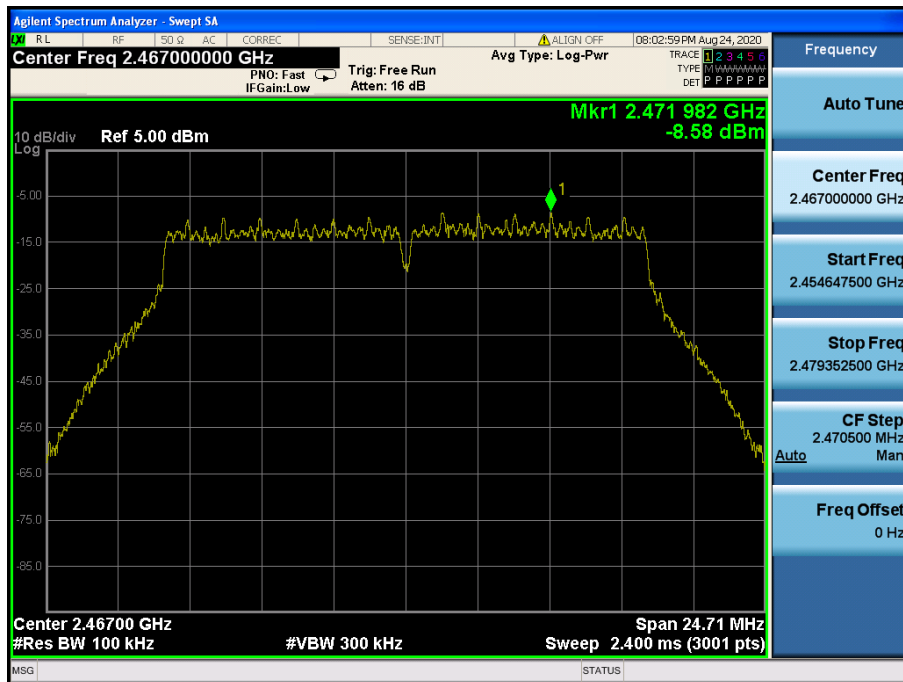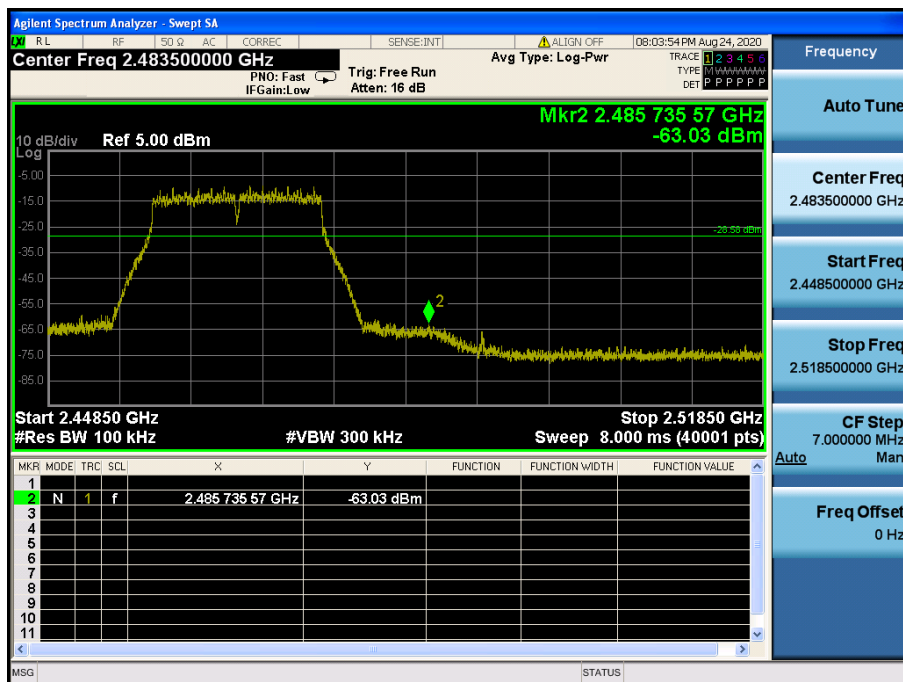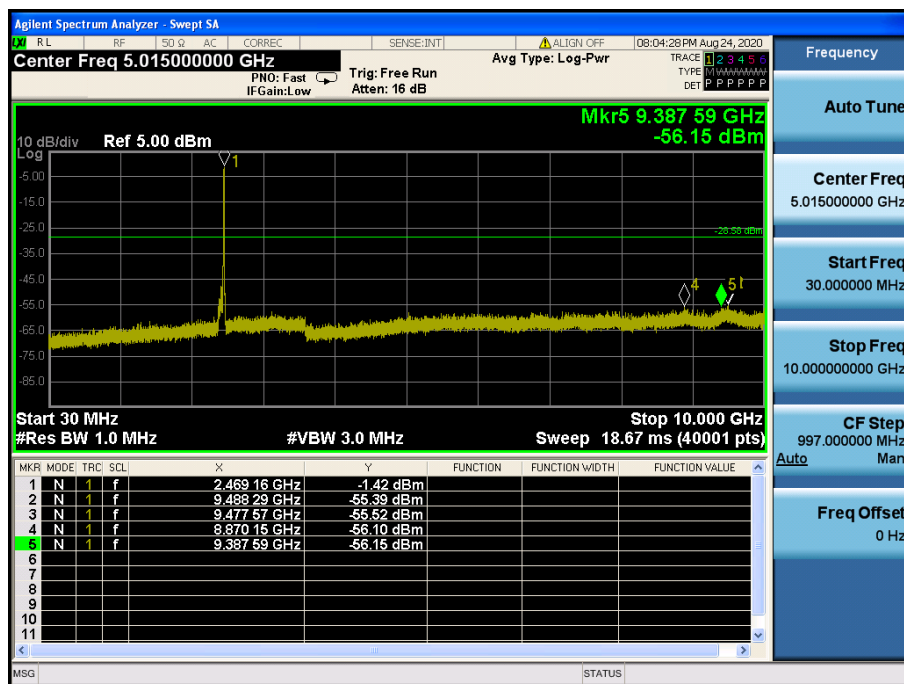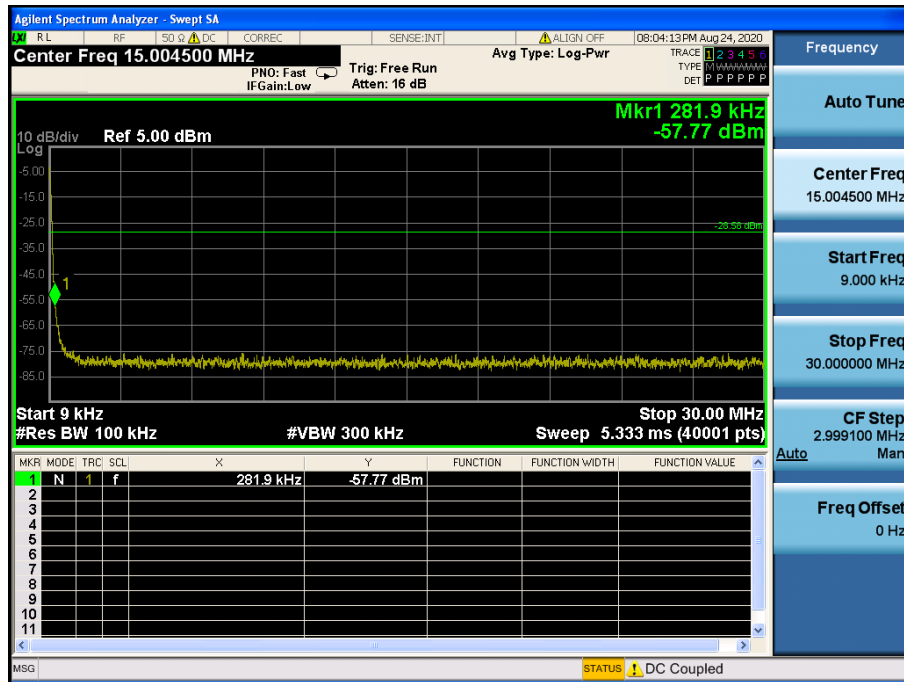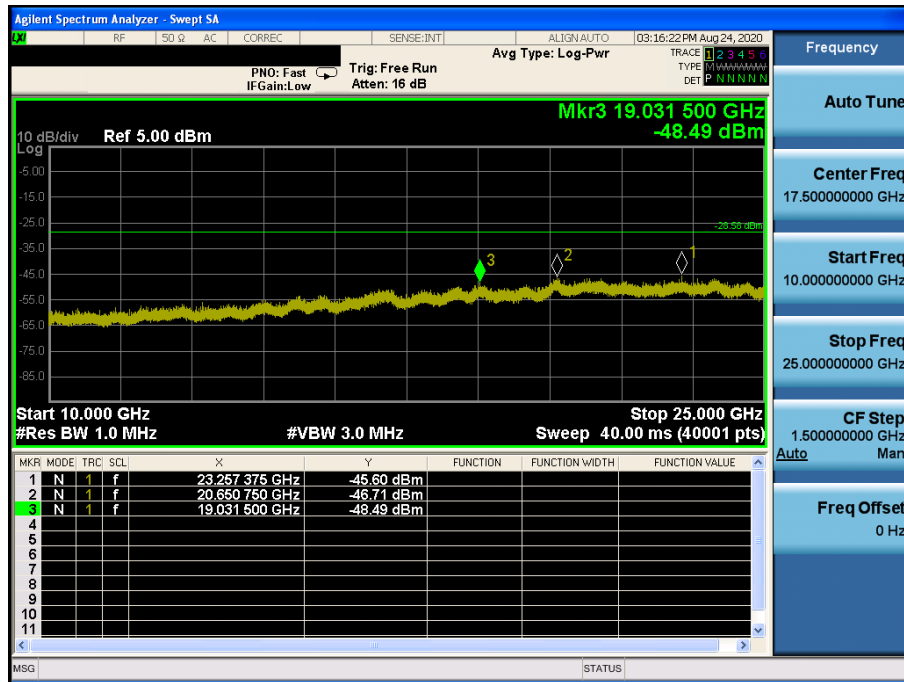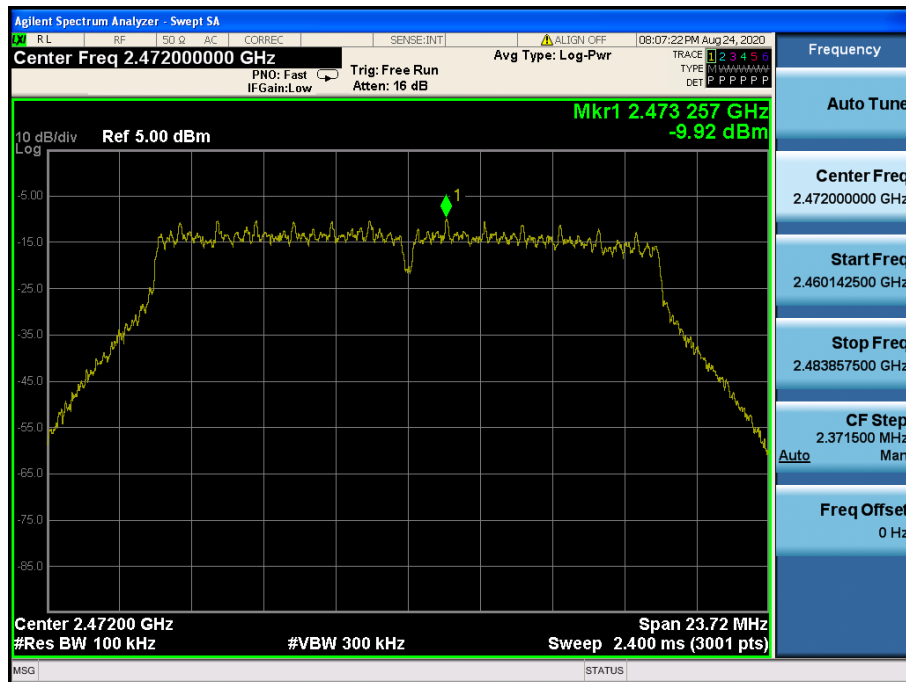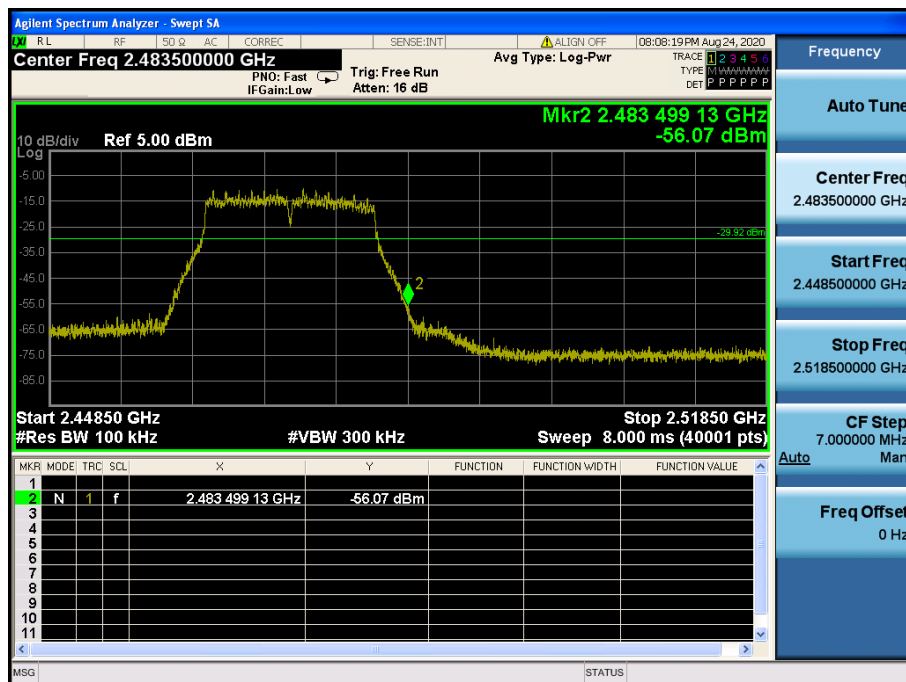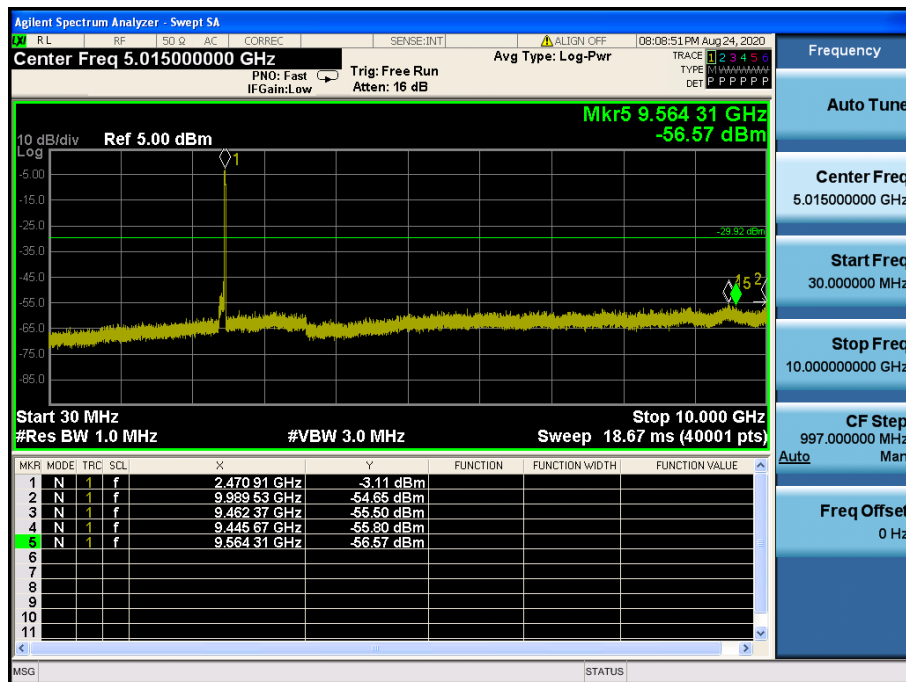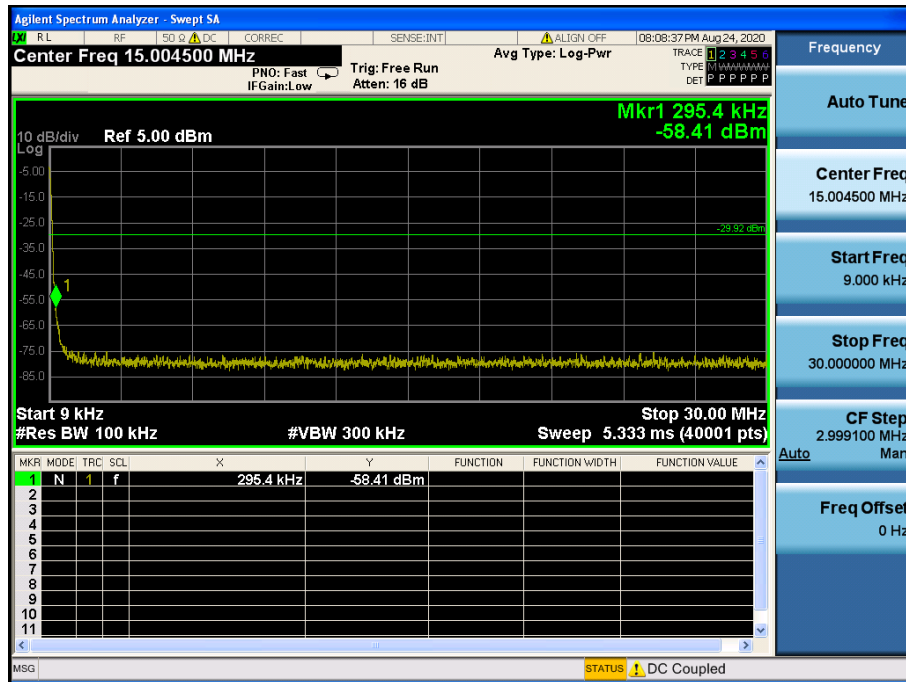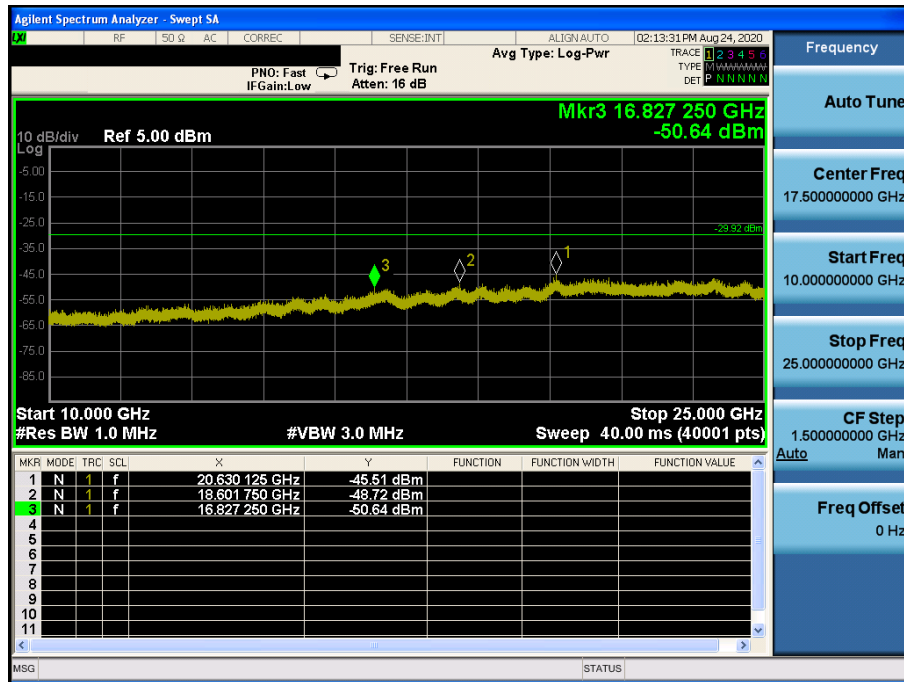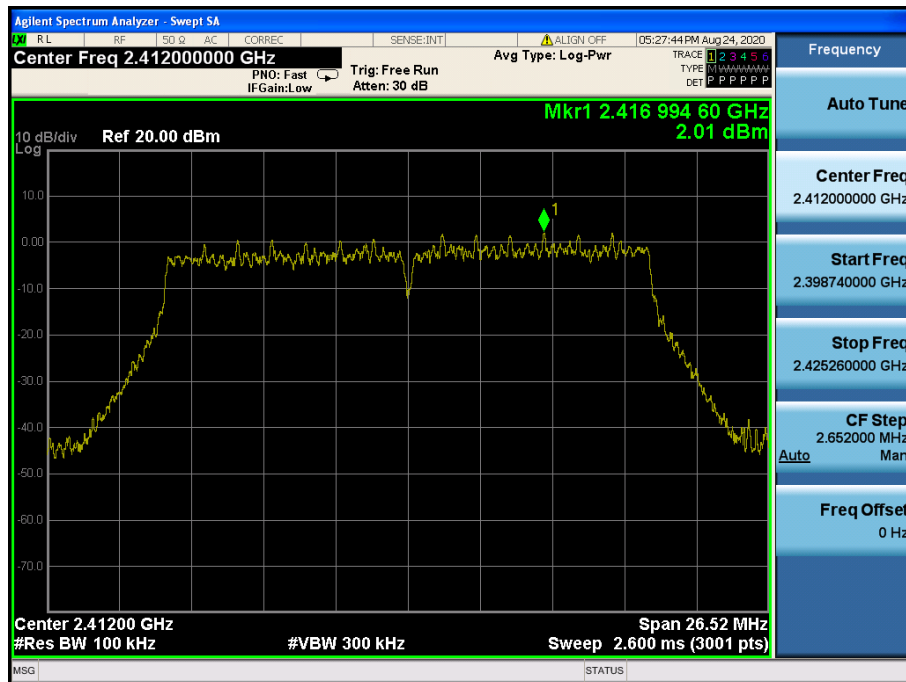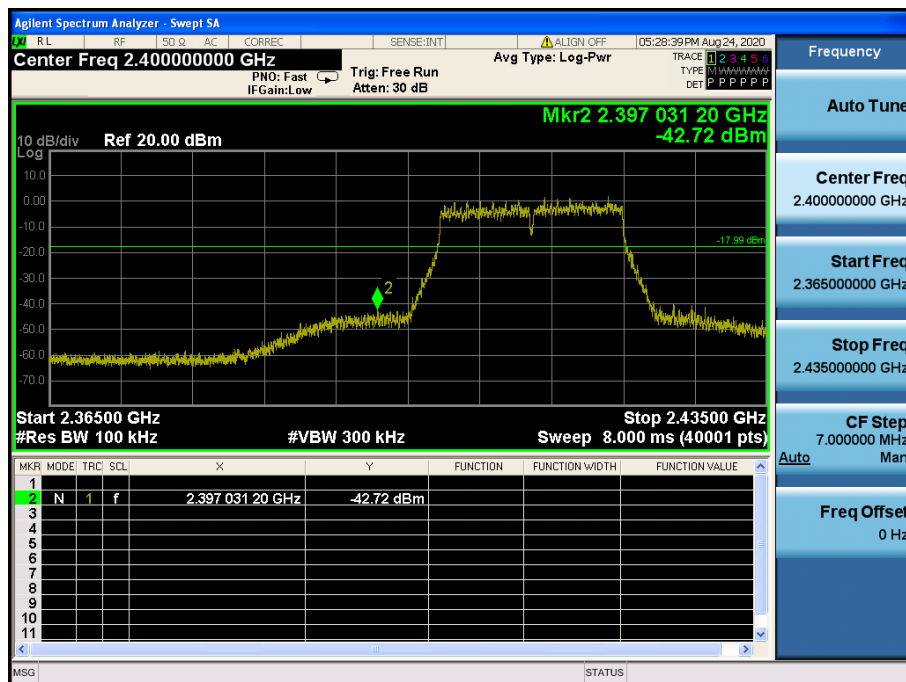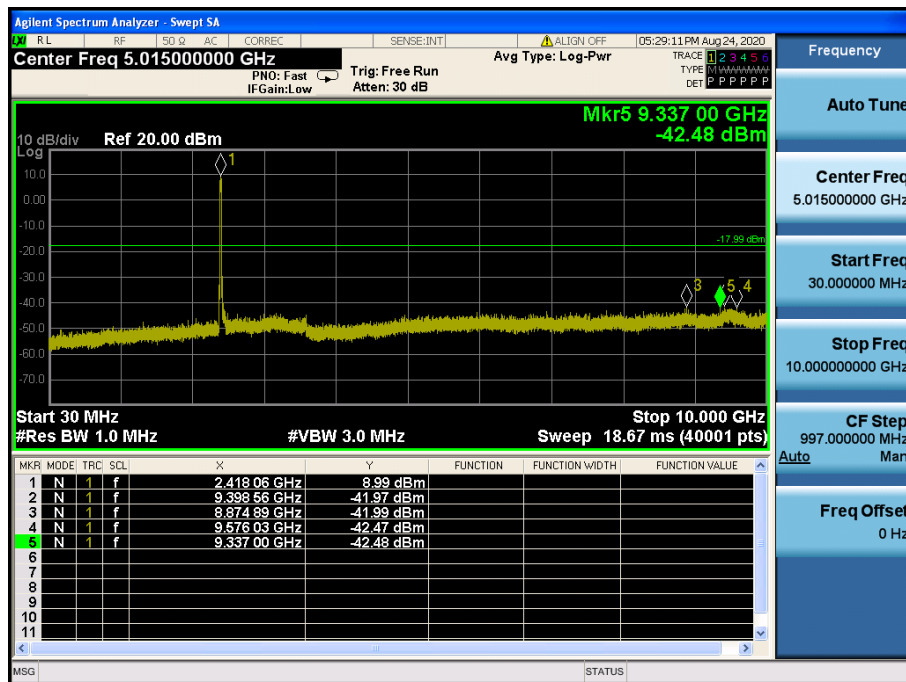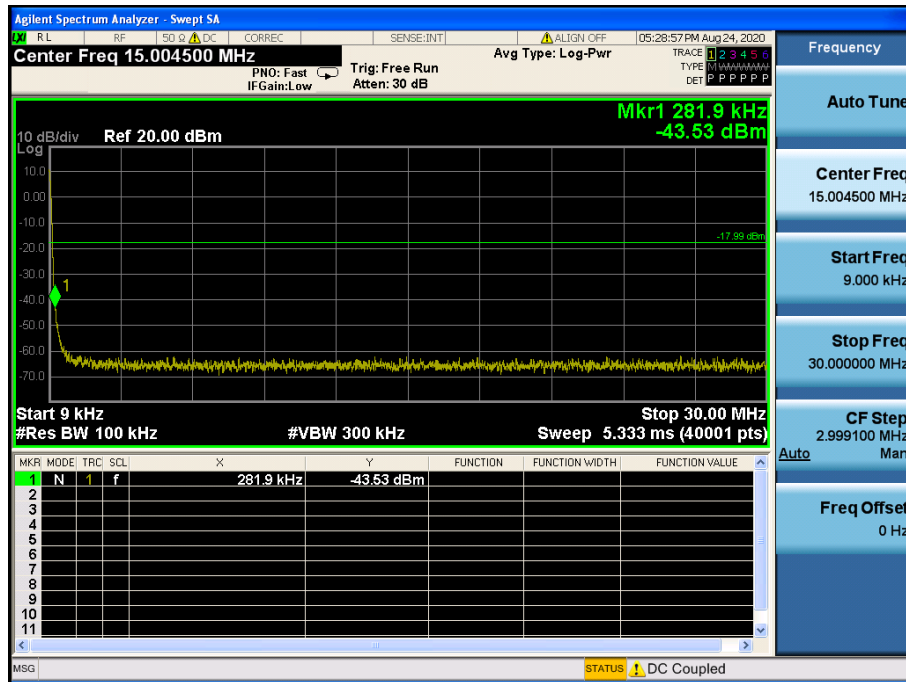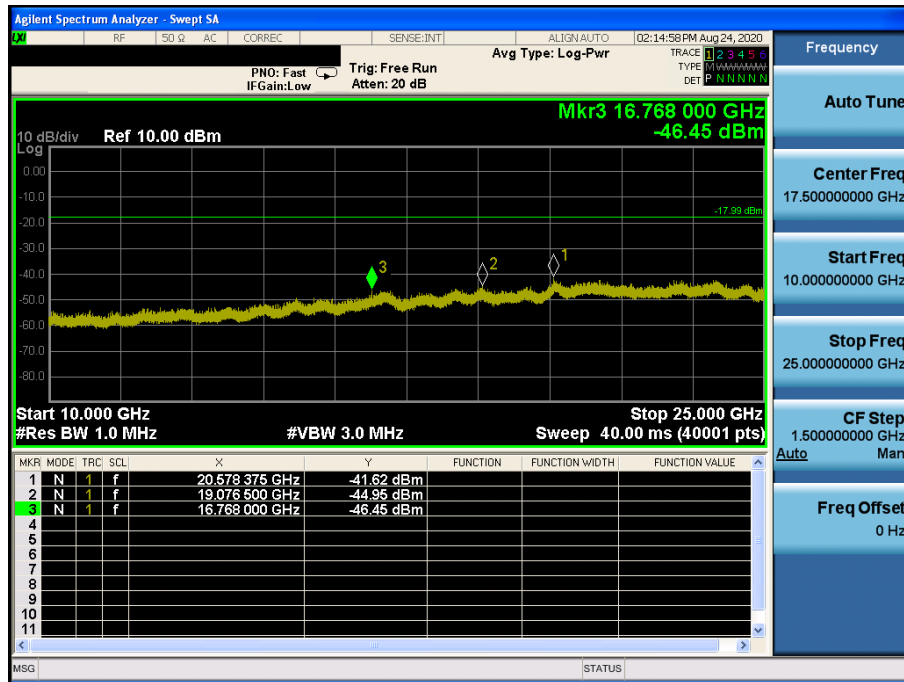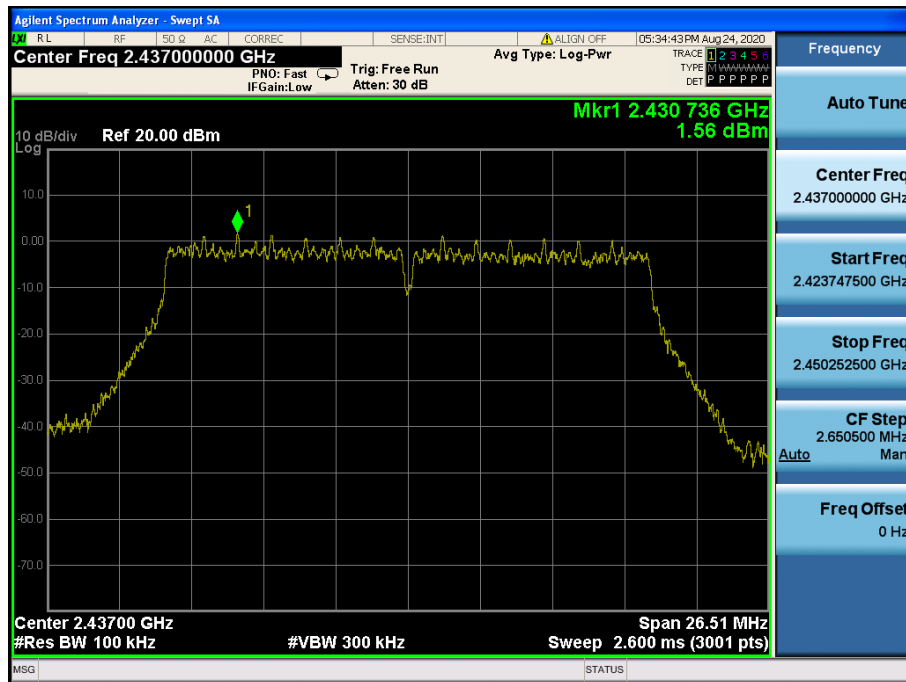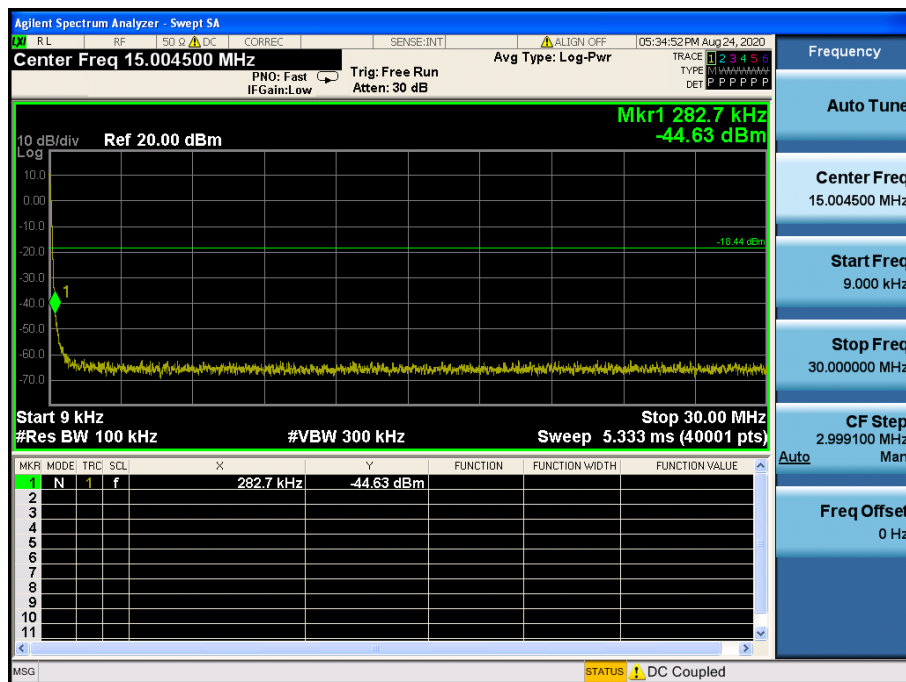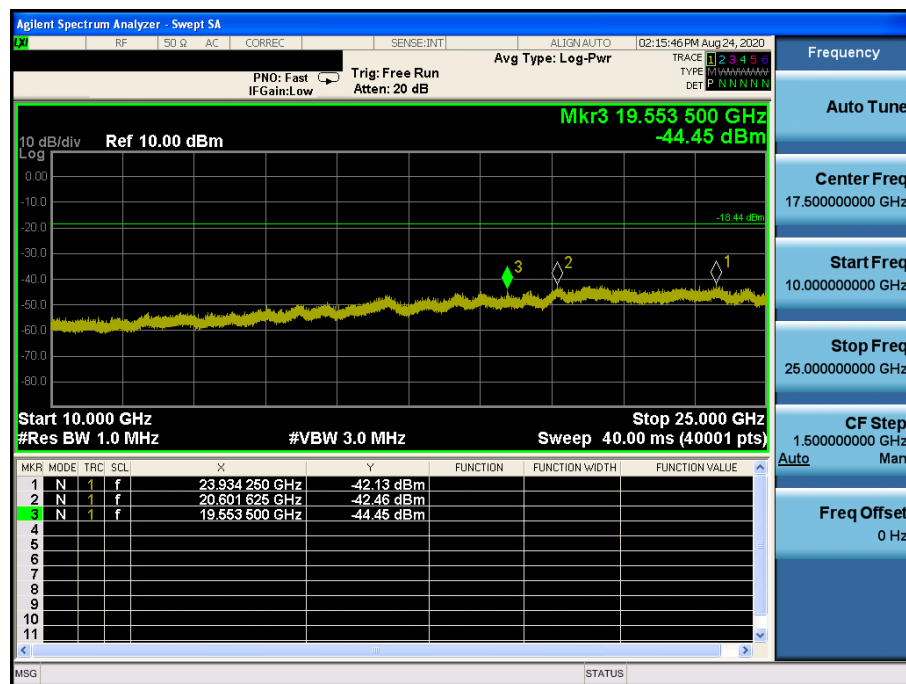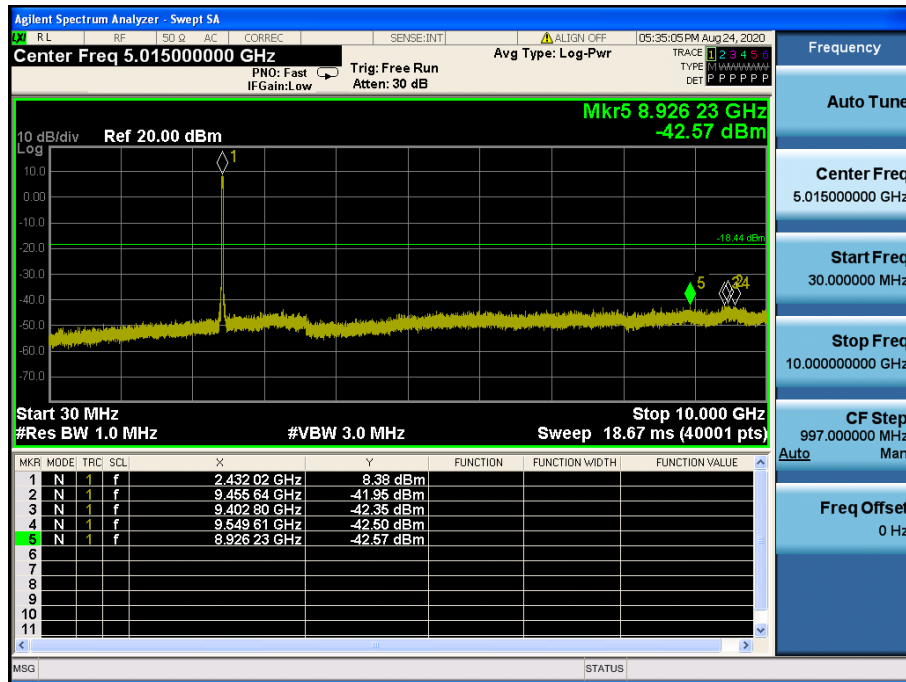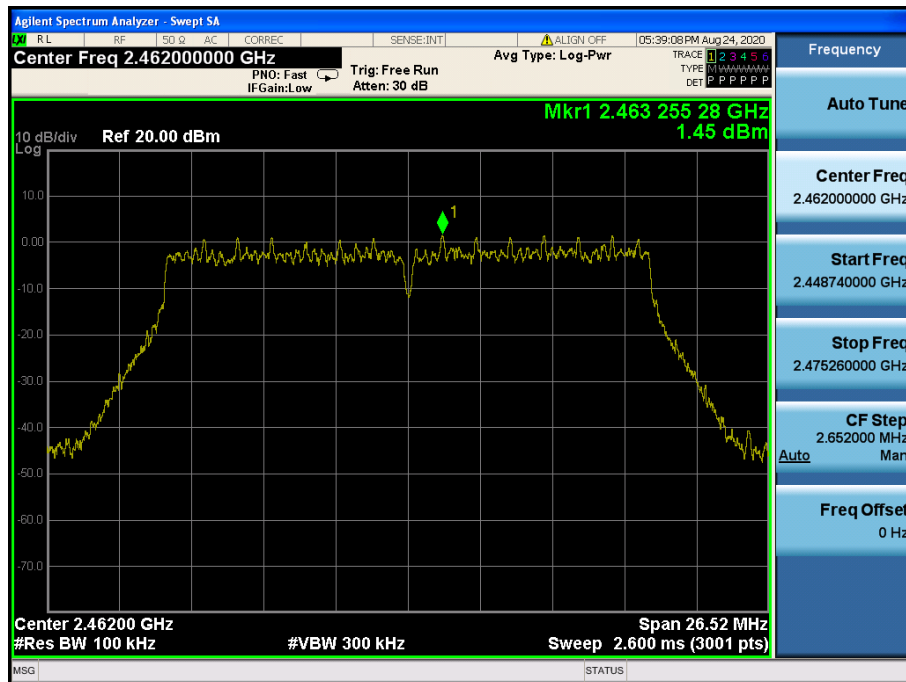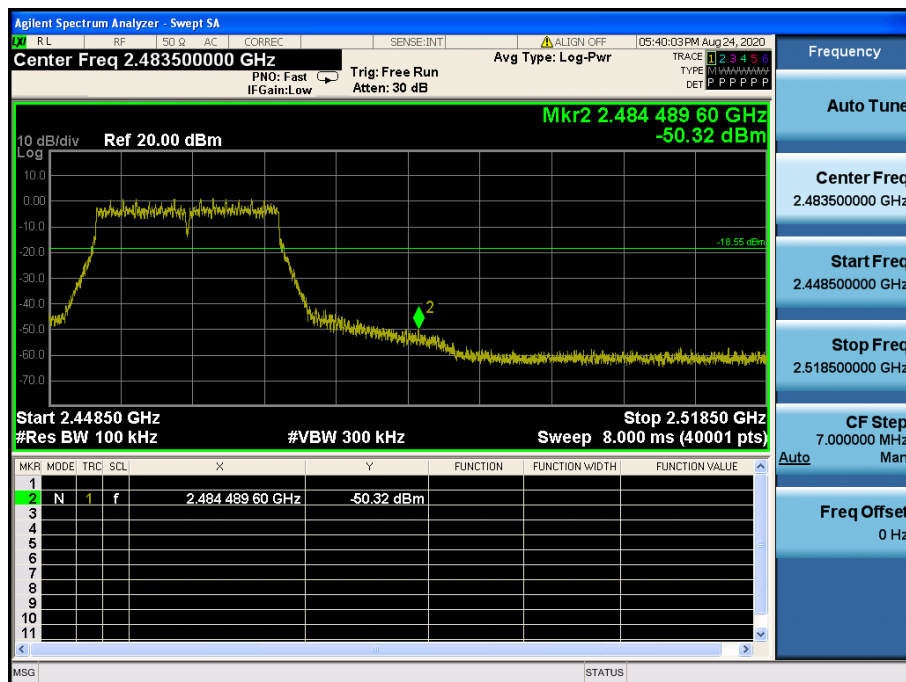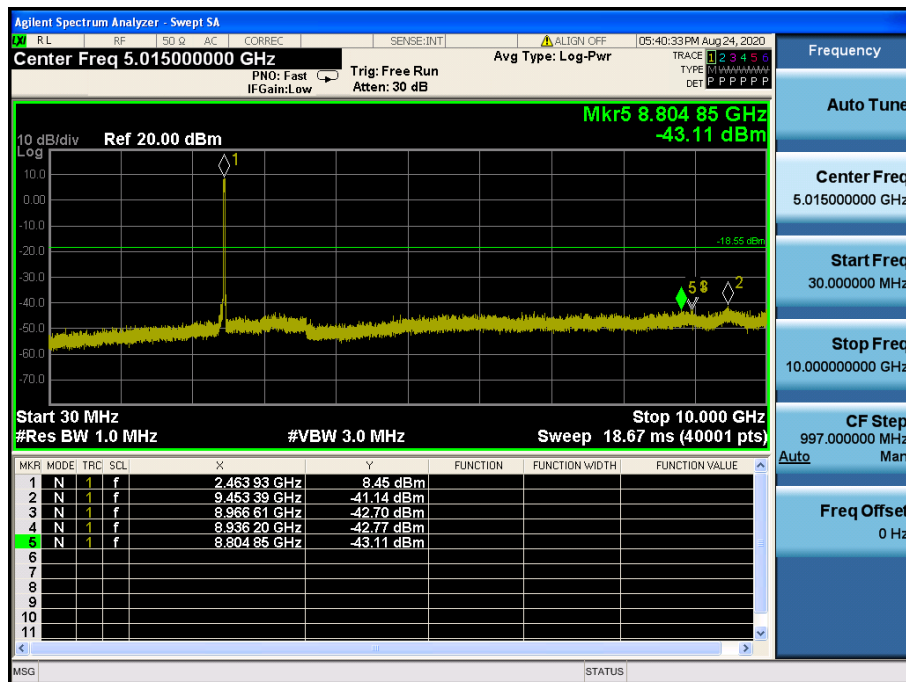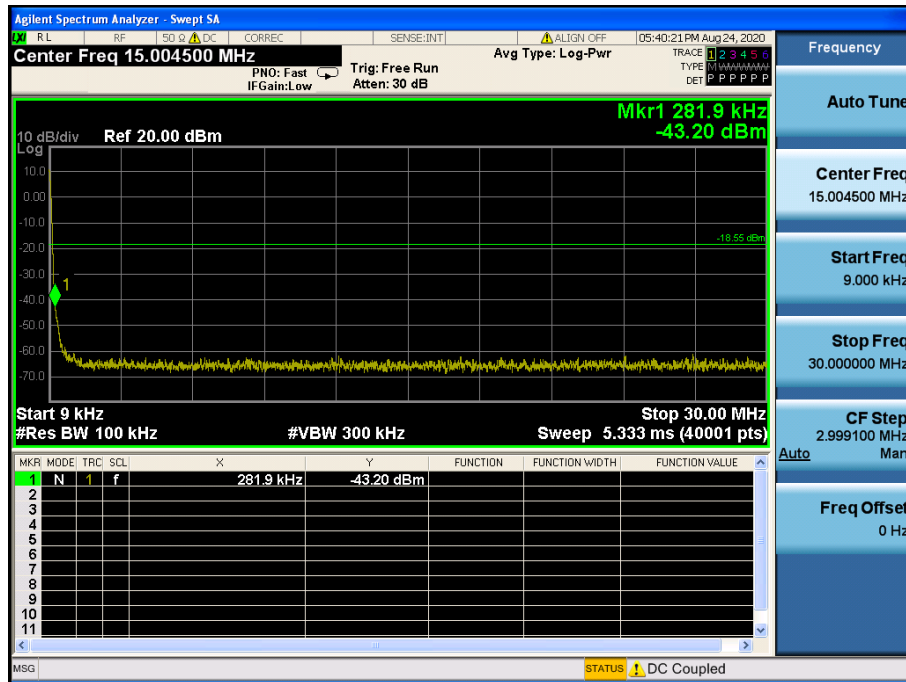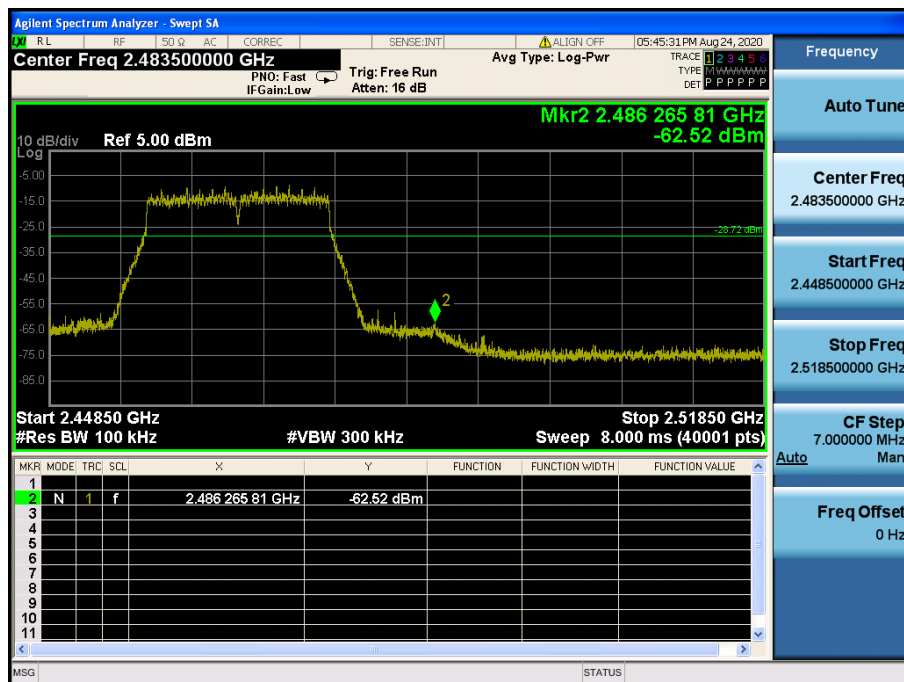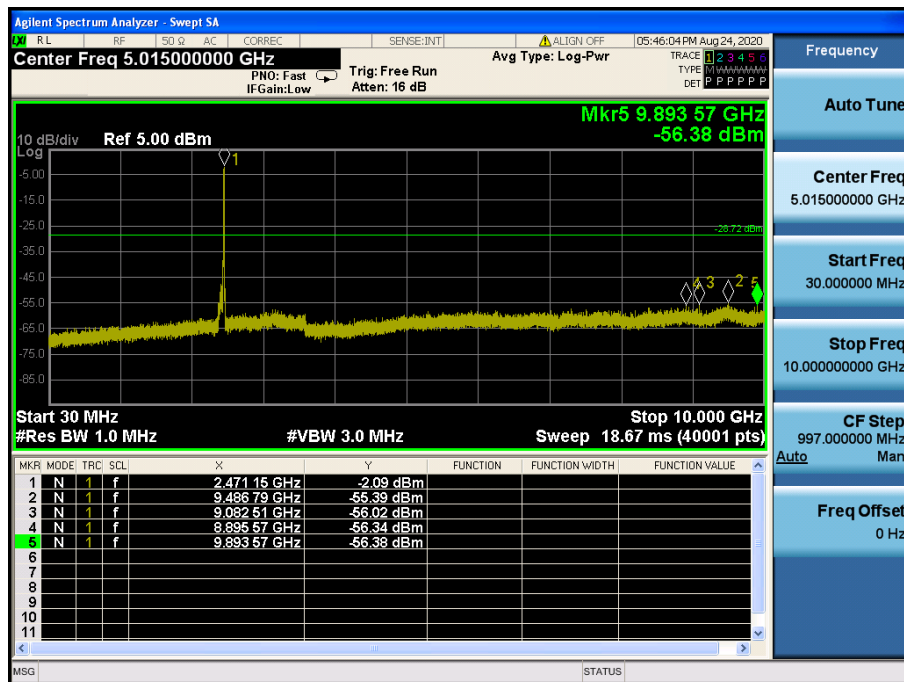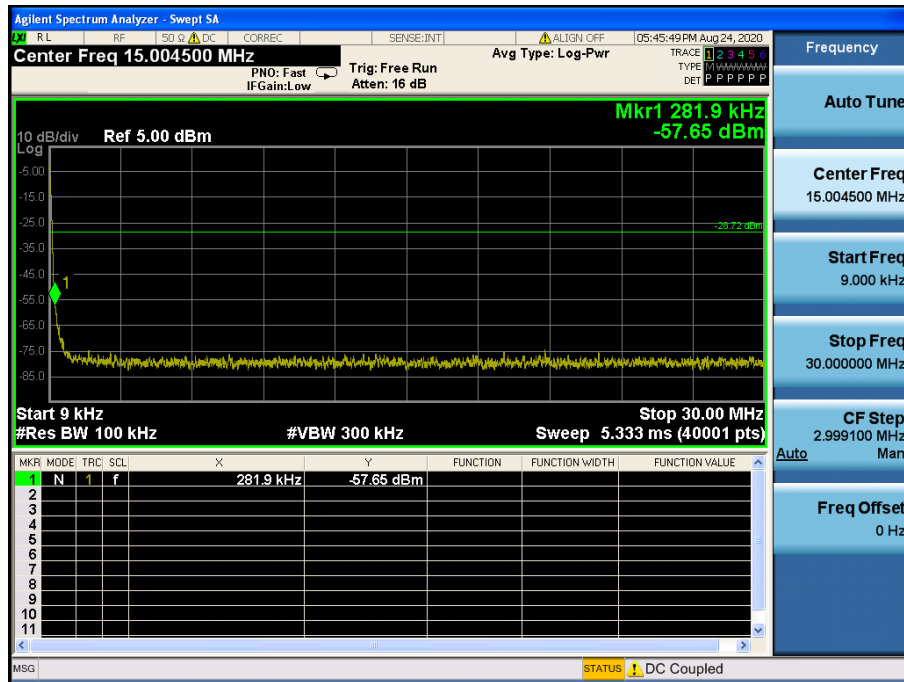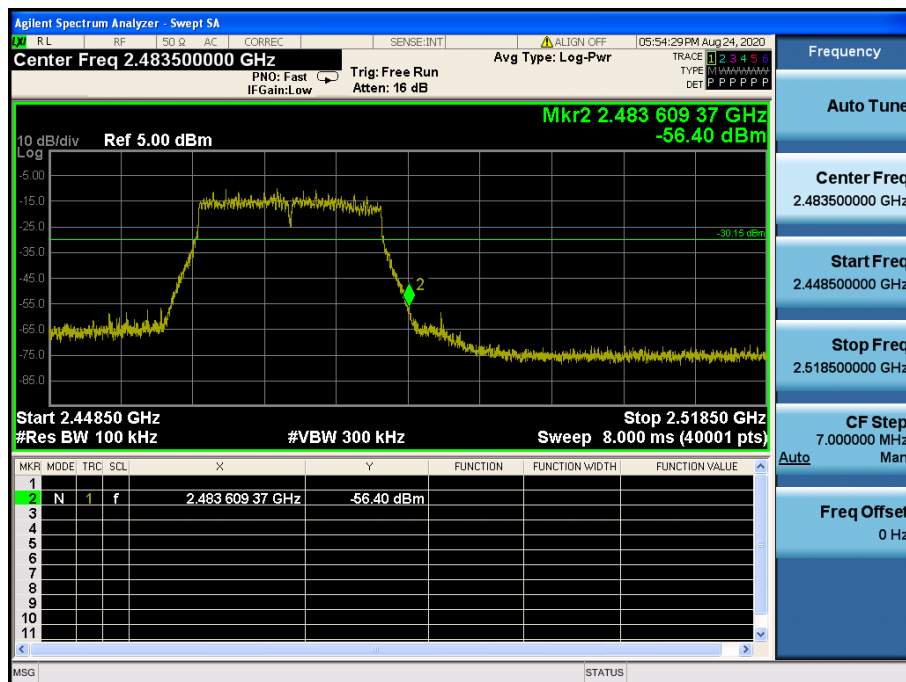
Conducted Spurious Emissions

Agilent Spectrum Analyzer - Swept SA

		RF	50 Ω	AC	CORREC		SENSE:INT		⚠ ALIGN OFF	04:46:17 PM Aug 24, 2020	**Frequency**

Center Freq 5.015000000 GHz

Avg Type: Log-Pwr
TRACE 1 2 3 4 5
TYPE W W W W W
DET P P P P P

PNO: Fast
Trig: Free Run
IFGain:Low   Atten: 30 dB

Auto Tune

Mkr5 7.550 62 GHz
-44.94 dBm

10 dB/div   **Ref 20.00 dBm**
Log

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

Start 30 MHz
#Res BW 1.0 MHz   #VBW 3.0 MHz   Stop 10.000 GHz
Sweep 18.67 ms (40001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.436 01 GHz	10.13 dBm			
2	N	1	f	3.235 11 GHz	-44.15 dBm			
3	N	1	f	3.555 64 GHz	-44.46 dBm			
4	N	1	f	2.759 54 GHz	-44.91 dBm			
5	N	1	f	7.550 62 GHz	-44.94 dBm			
6								
7								
8								
9								
10								
11								

MSG   STATUS

Agilent Spectrum Analyzer - Swept SA

		RF	50 Ω	AC	CORREC		SENSE:INT		⚠ ALIGN OFF	04:46:28 PM Aug 24, 2020	**Frequency**

Center Freq 17.500000000 GHz

Avg Type: Log-Pwr
TRACE 1 2 3 4 5
TYPE W W W W W
DET P P P P P

PNO: Fast
Trig: Free Run
IFGain:Low   Atten: 20 dB

Auto Tune

Mkr3 21.710 125 GHz
-45.47 dBm

10 dB/div   **Ref 10.00 dBm**
Log

Center Freq
17.500000000 GHz

Start Freq
10.000000000 GHz

Stop Freq
25.000000000 GHz

CF Step
1.500000000 GHz
Auto   Man

Freq Offset
0 Hz

Start 10.000 GHz
#Res BW 1.0 MHz   #VBW 3.0 MHz   Stop 25.000 GHz
Sweep 40.00 ms (40001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	21.143 125 GHz	-45.21 dBm			
2	N	1	f	24.717 625 GHz	-45.22 dBm			
3	N	1	f	21.710 125 GHz	-45.47 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG   STATUS

TM 1 & ANT 2 & 2 462

Reference

High Band-edge

Conducted Spurious Emissions

Conducted Spurious Emissions

Dt&C

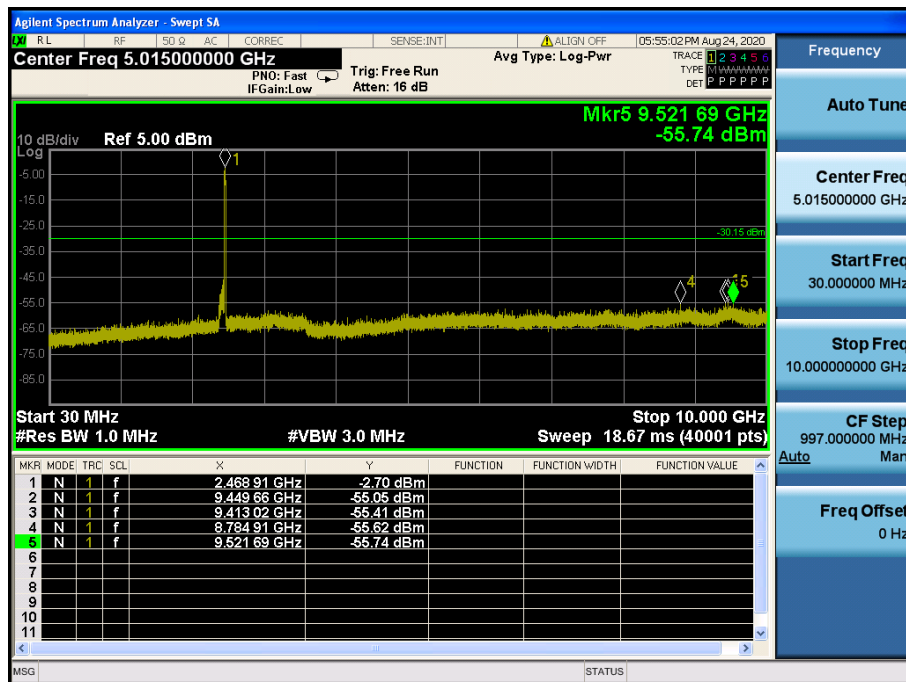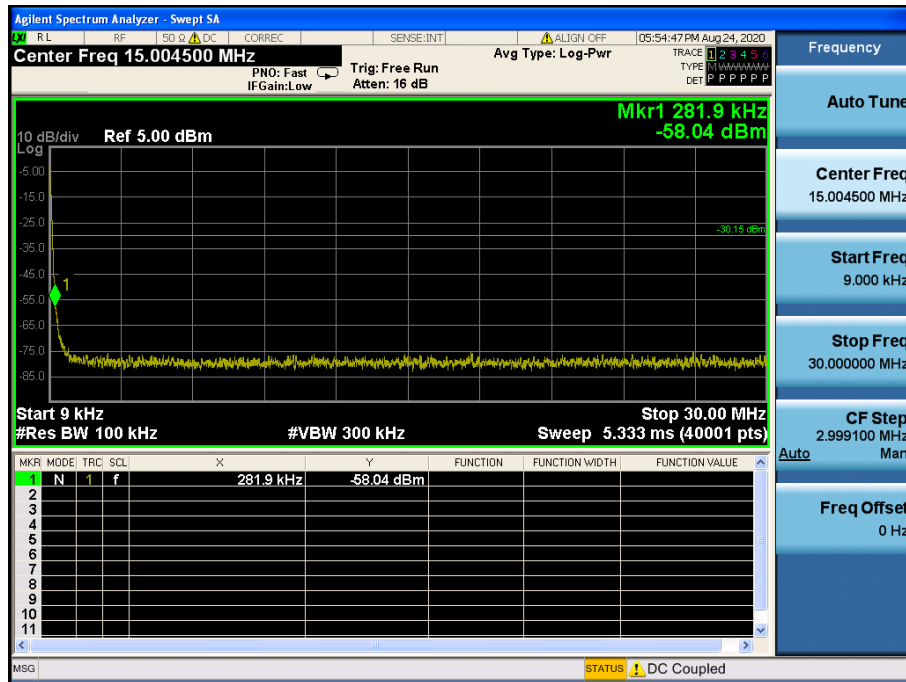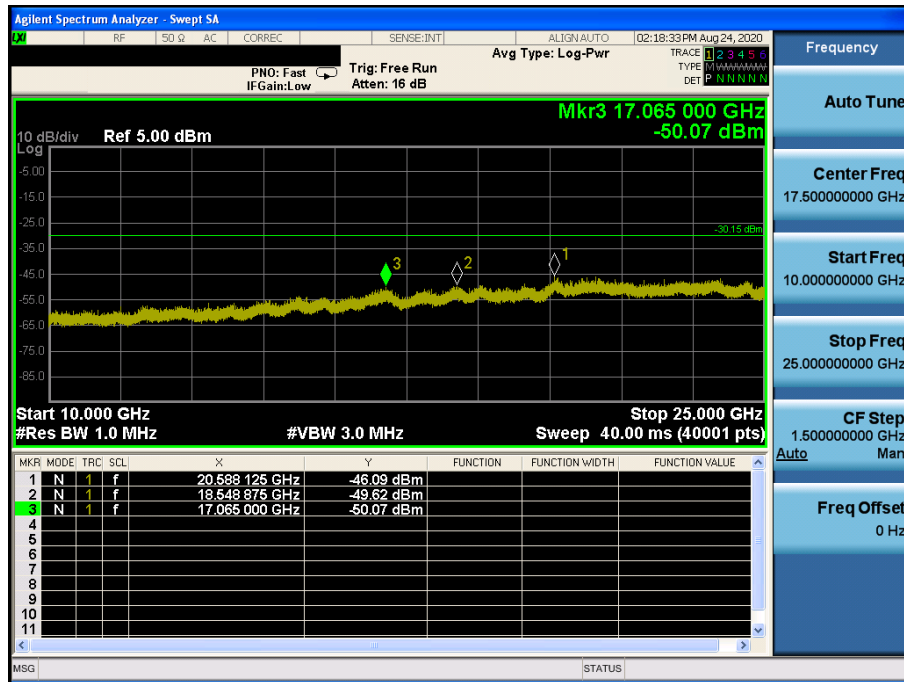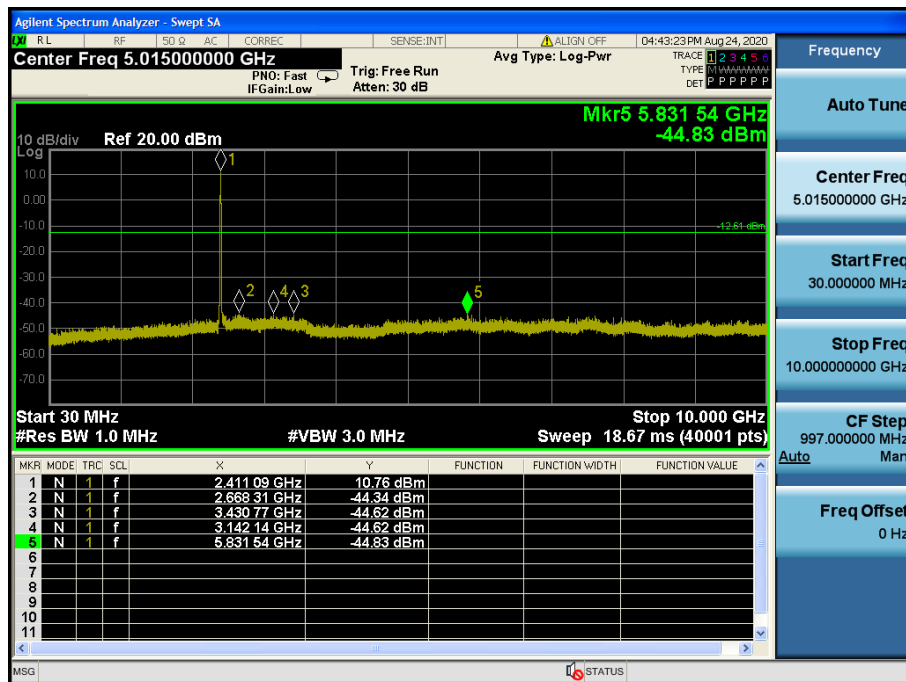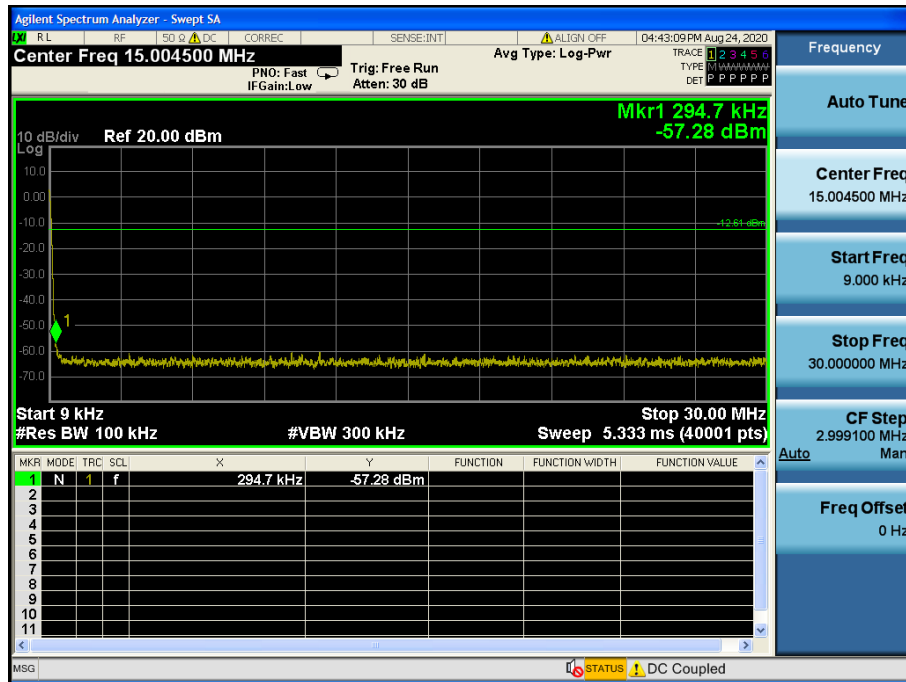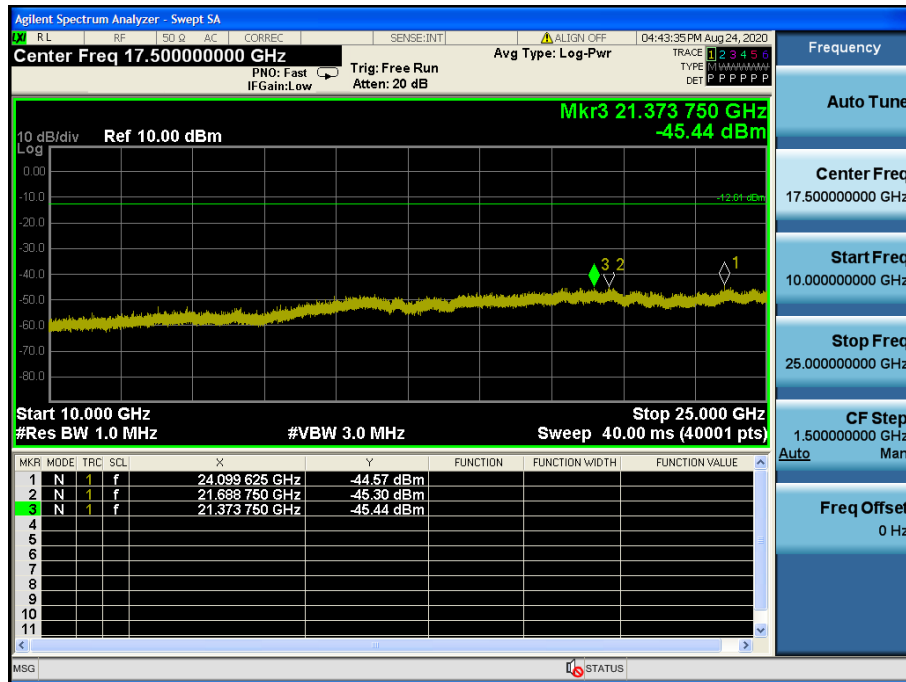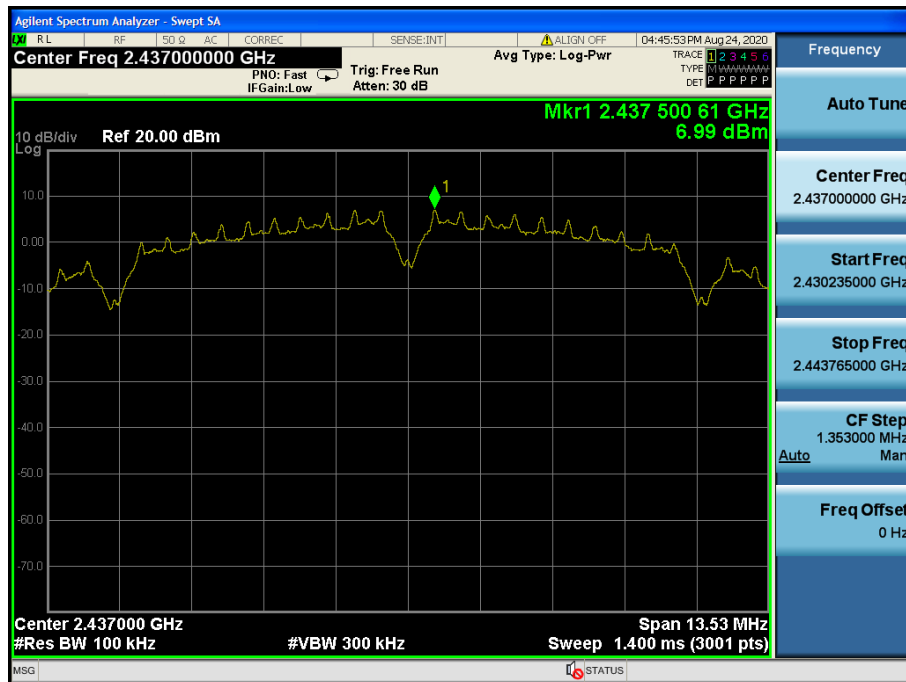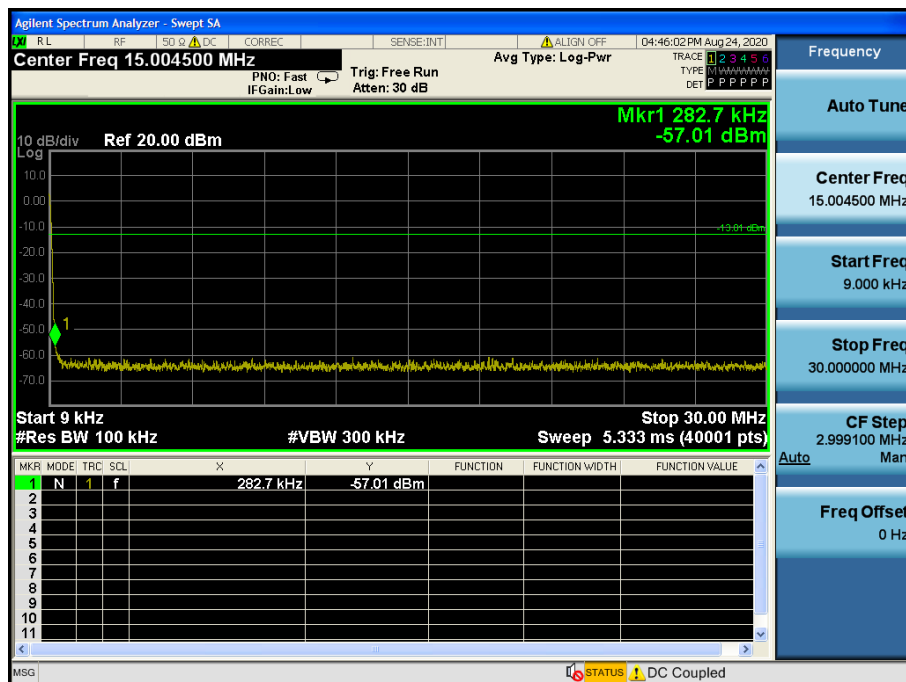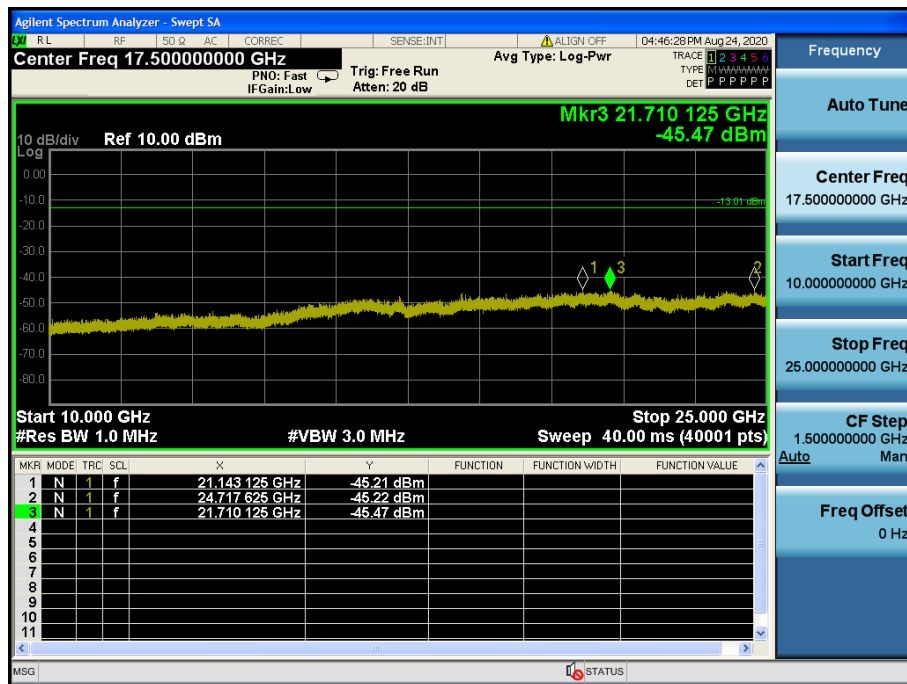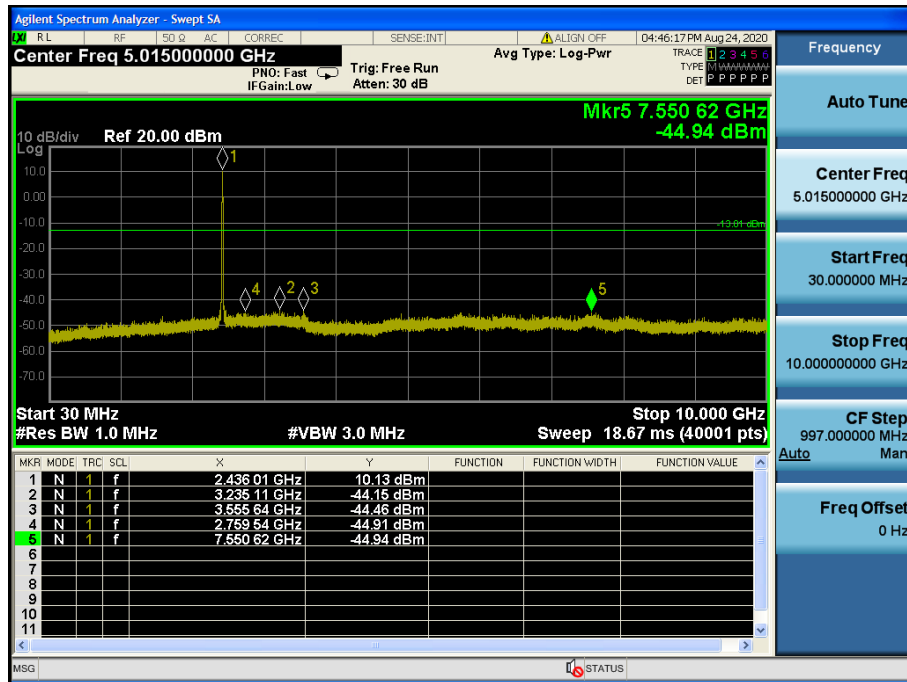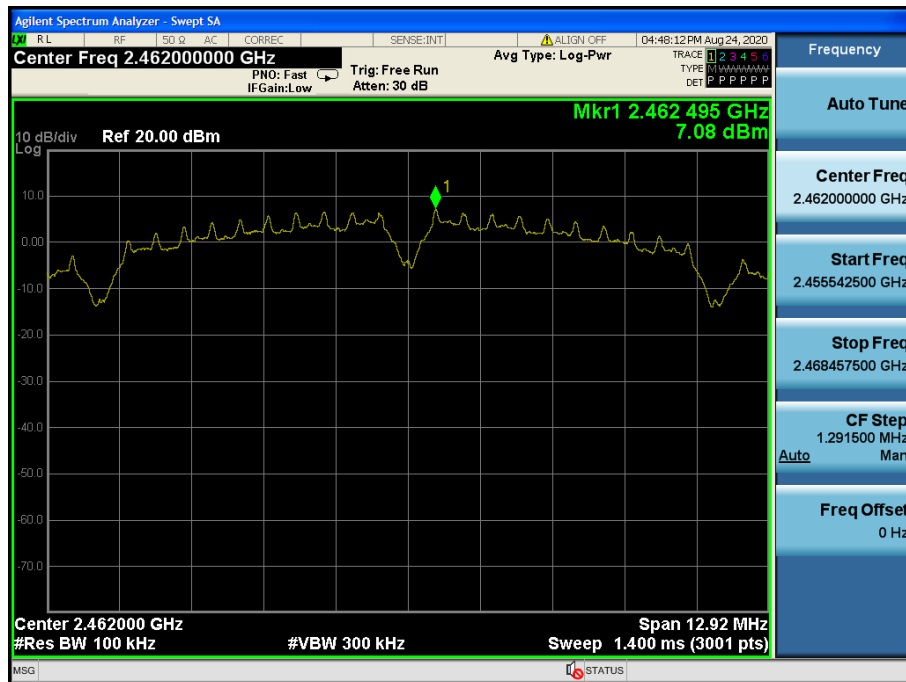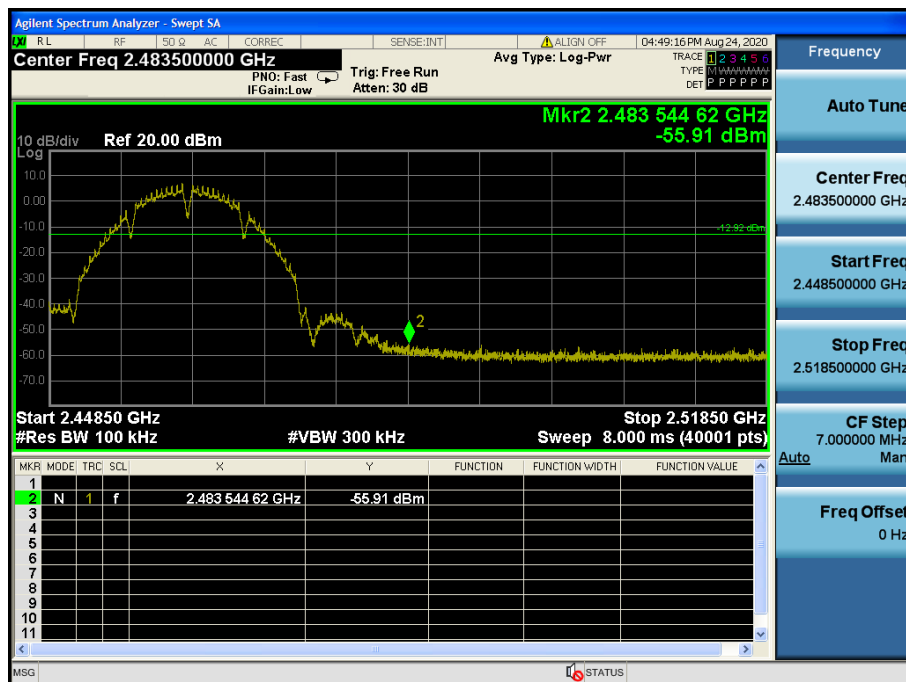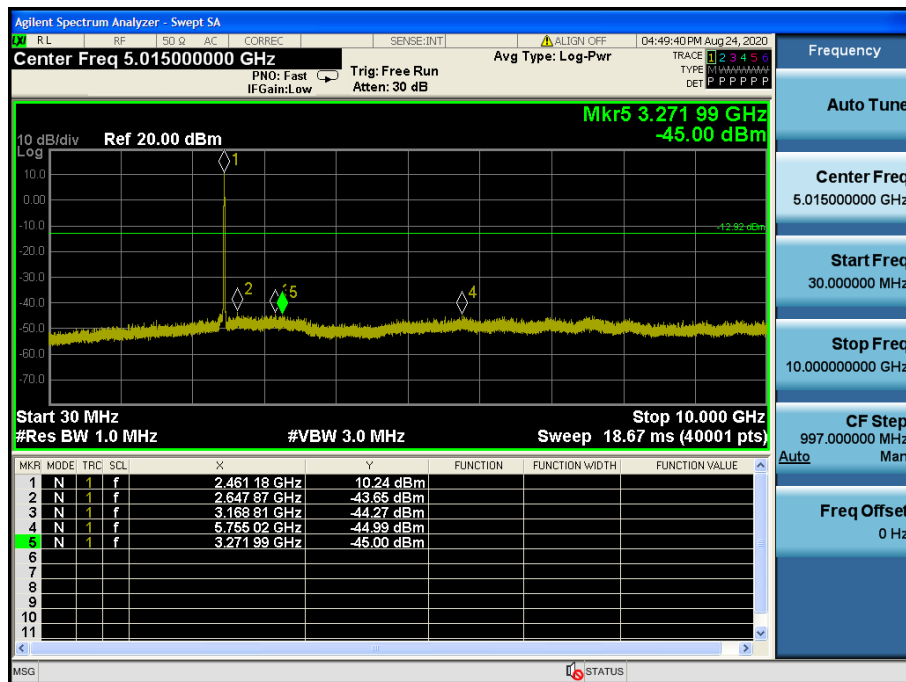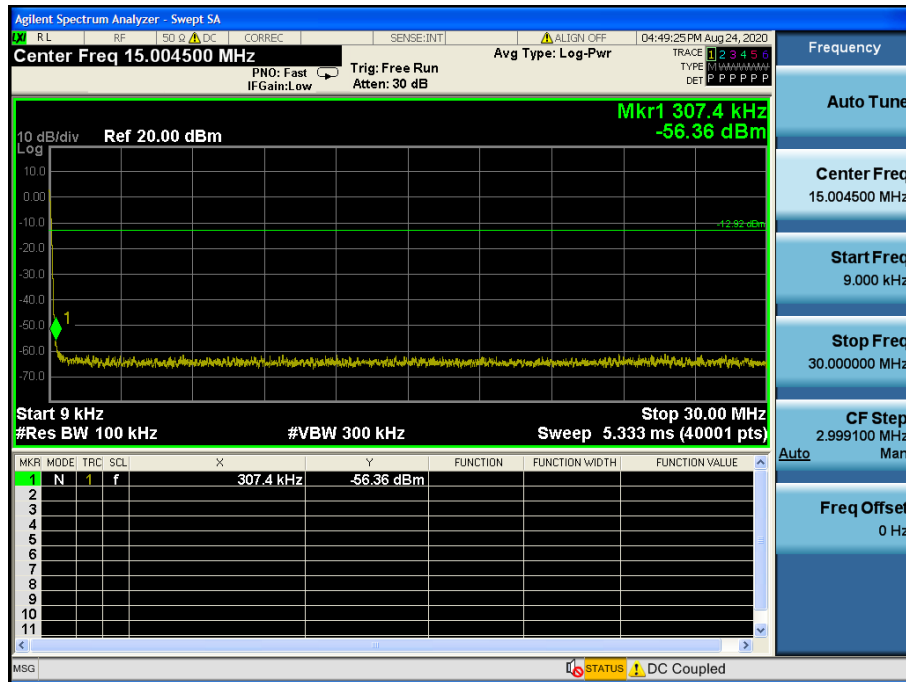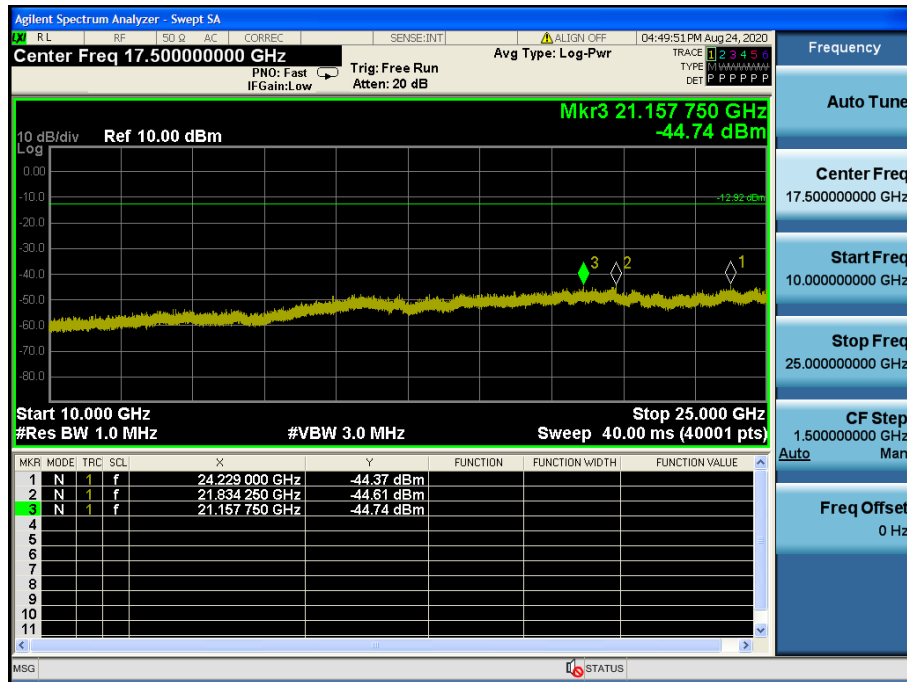## TM 1   &   ANT 2   &   2 467
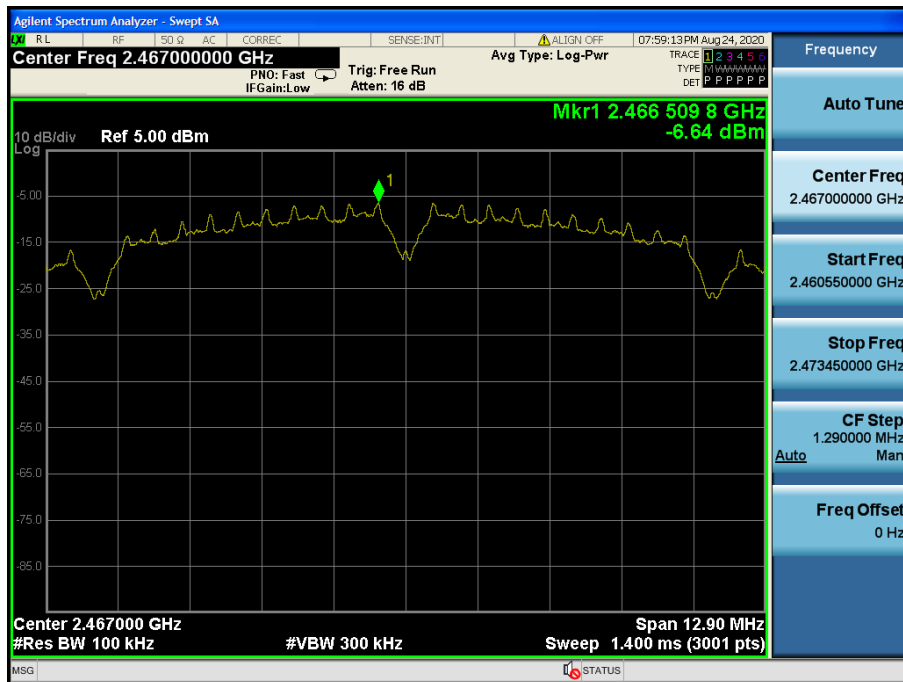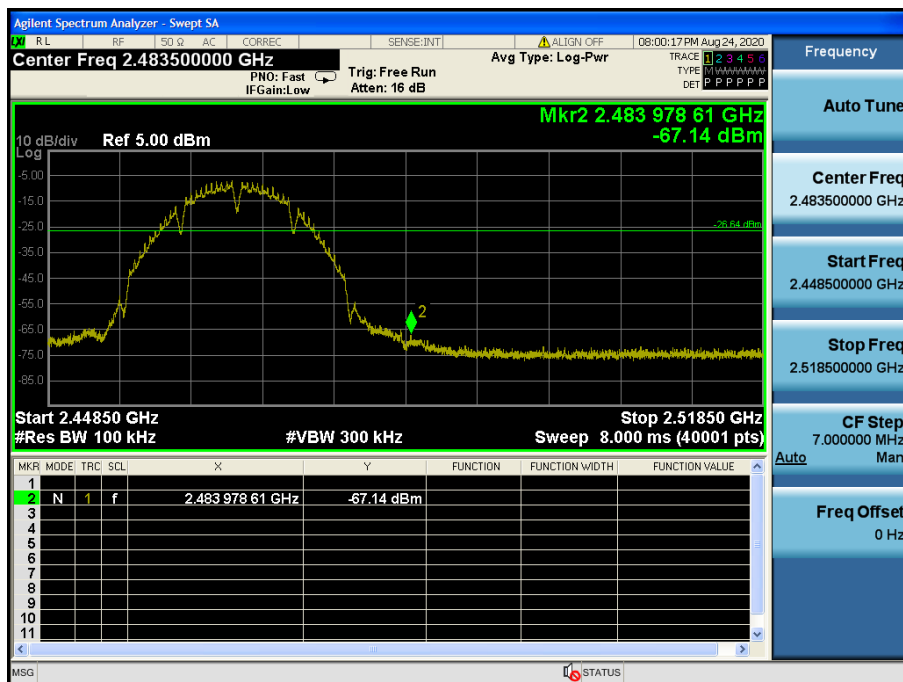
Reference

High Band-edge

Conducted Spurious Emissions
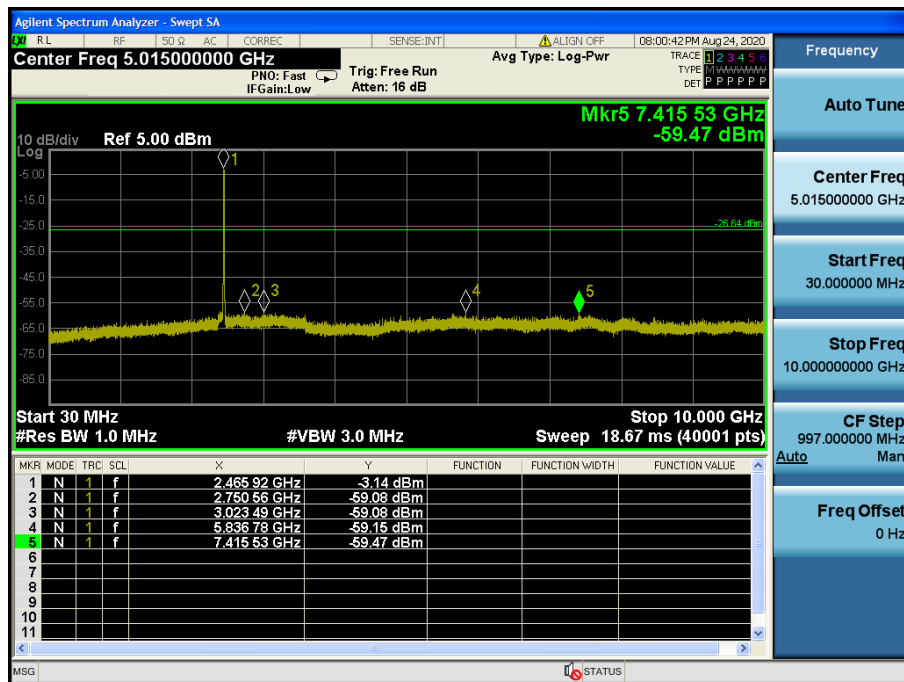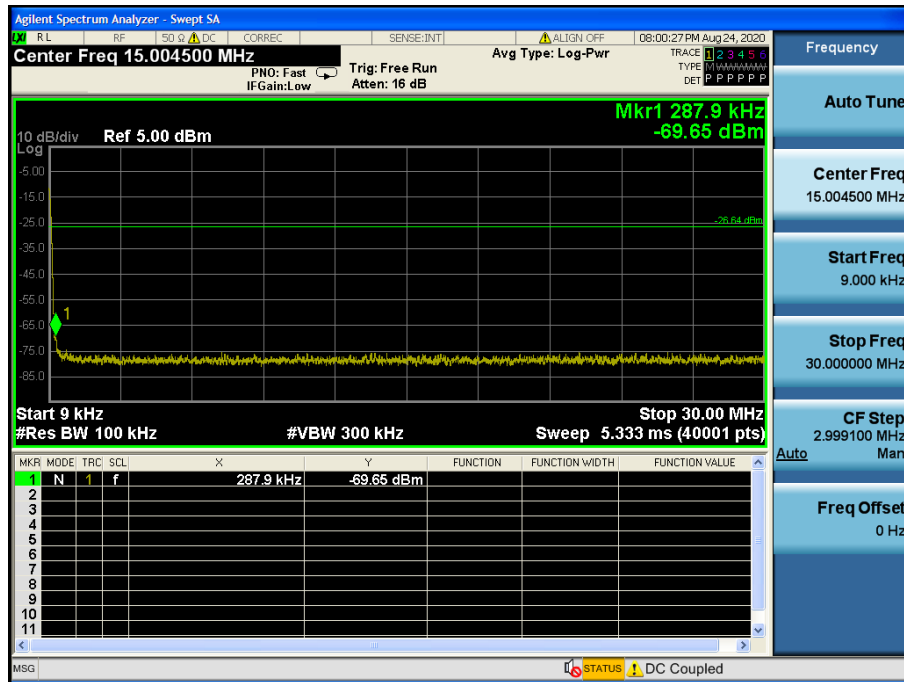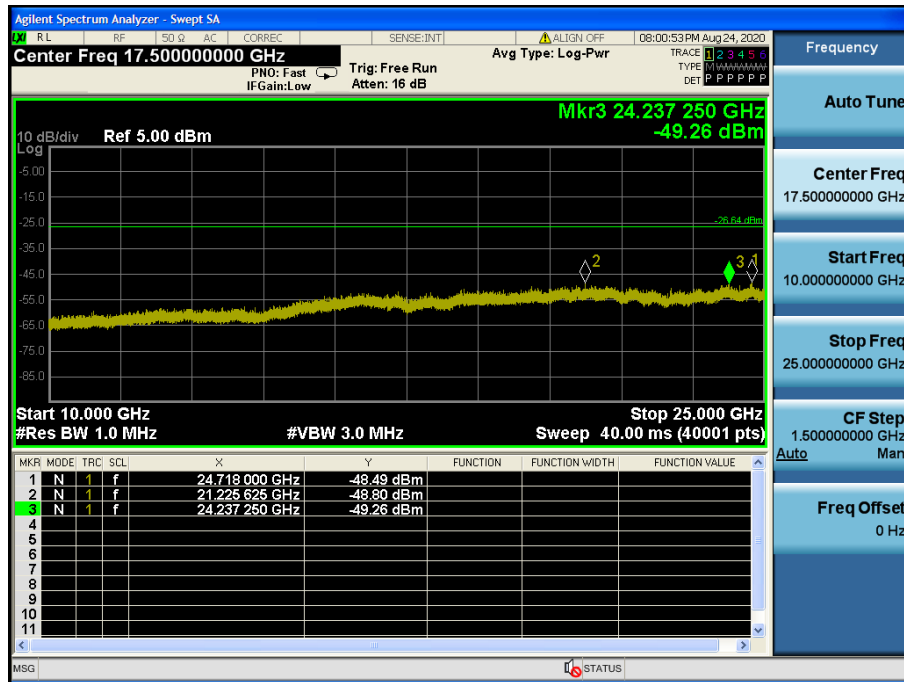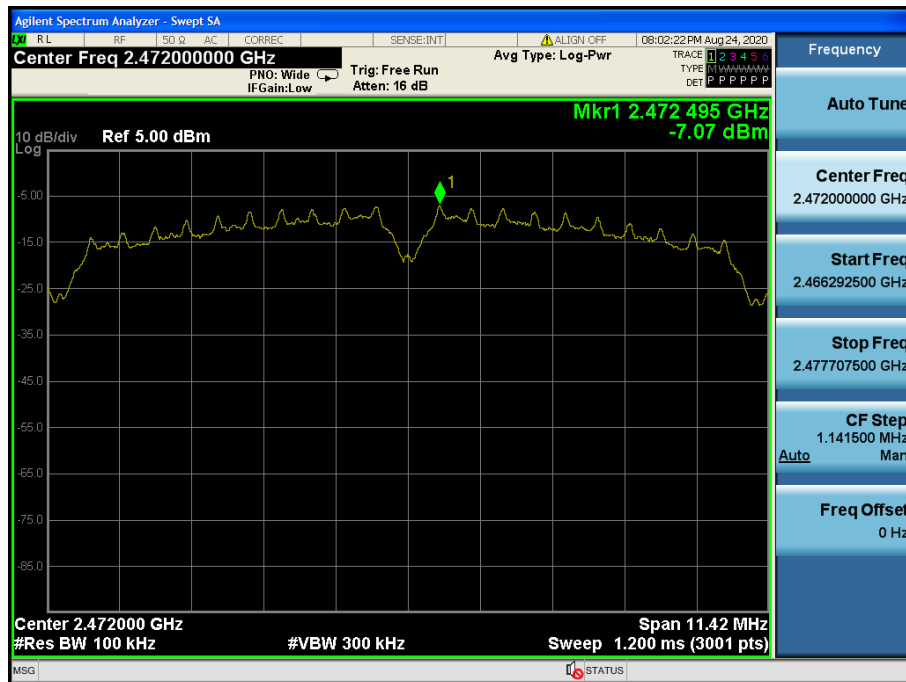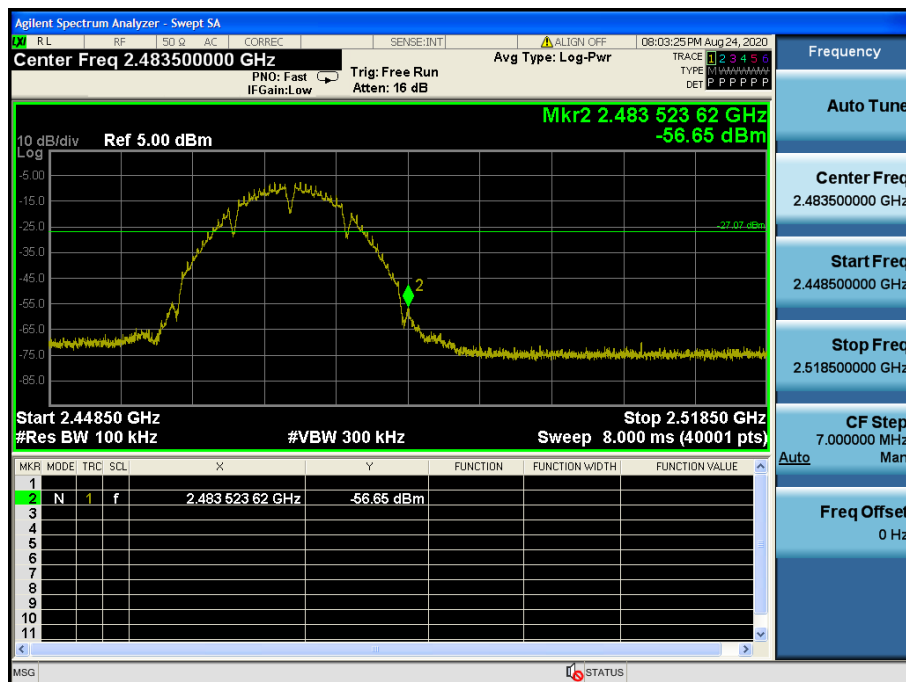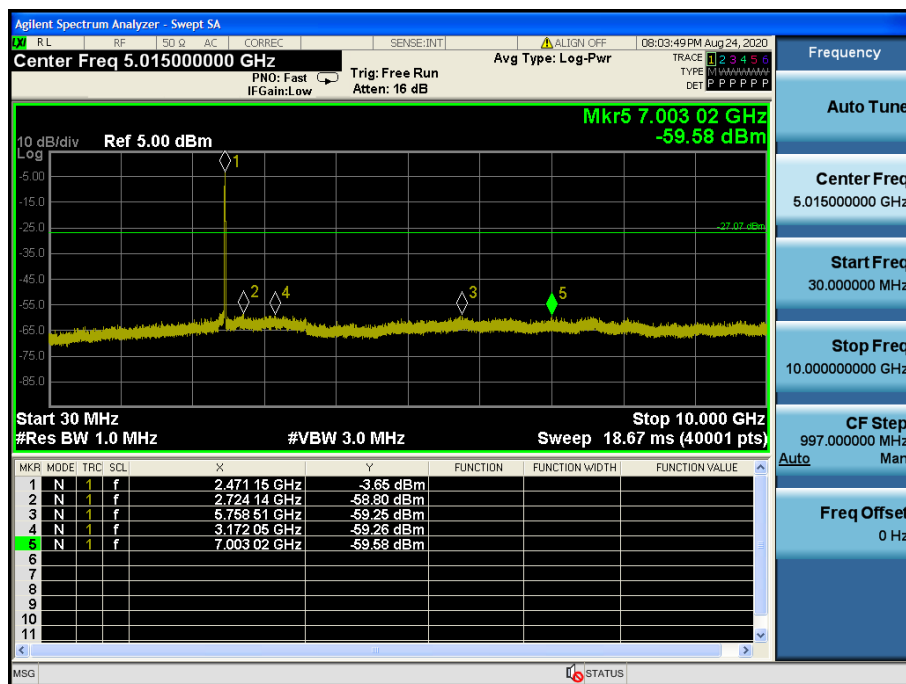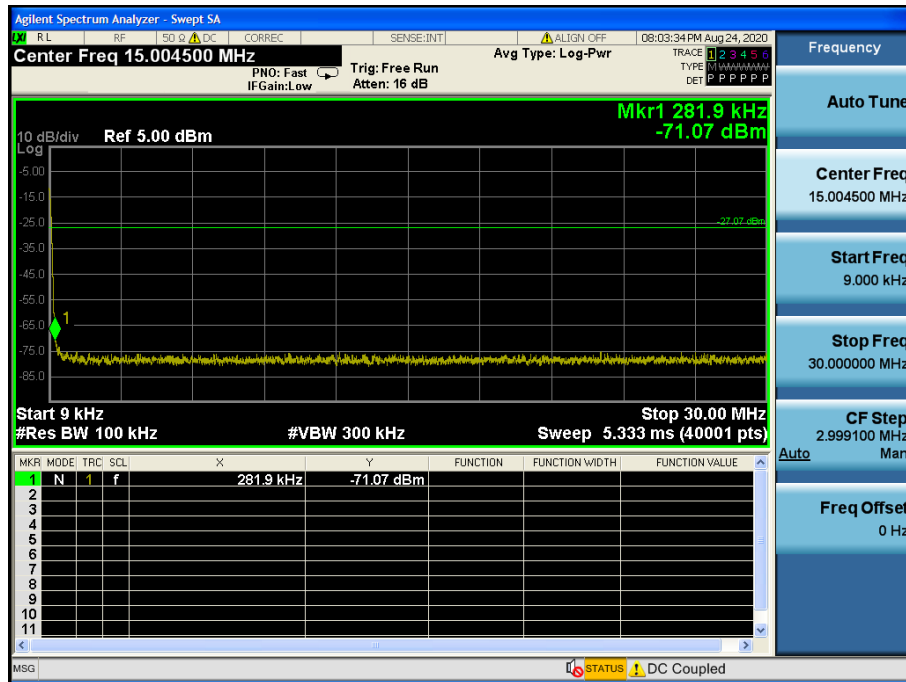
Conducted Spurious Emissions

TM 1   &   ANT 2   &   2 472
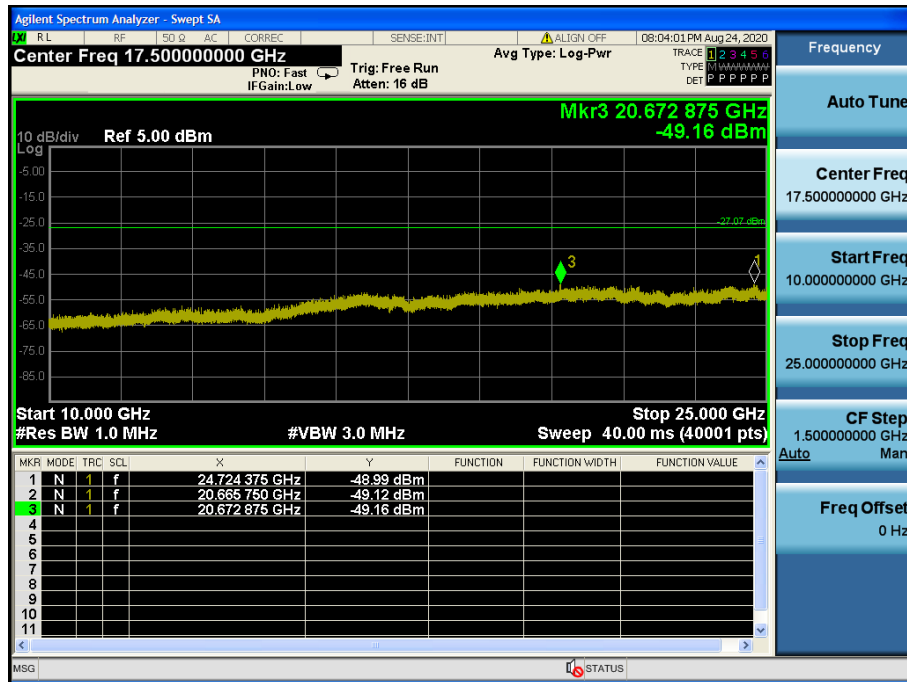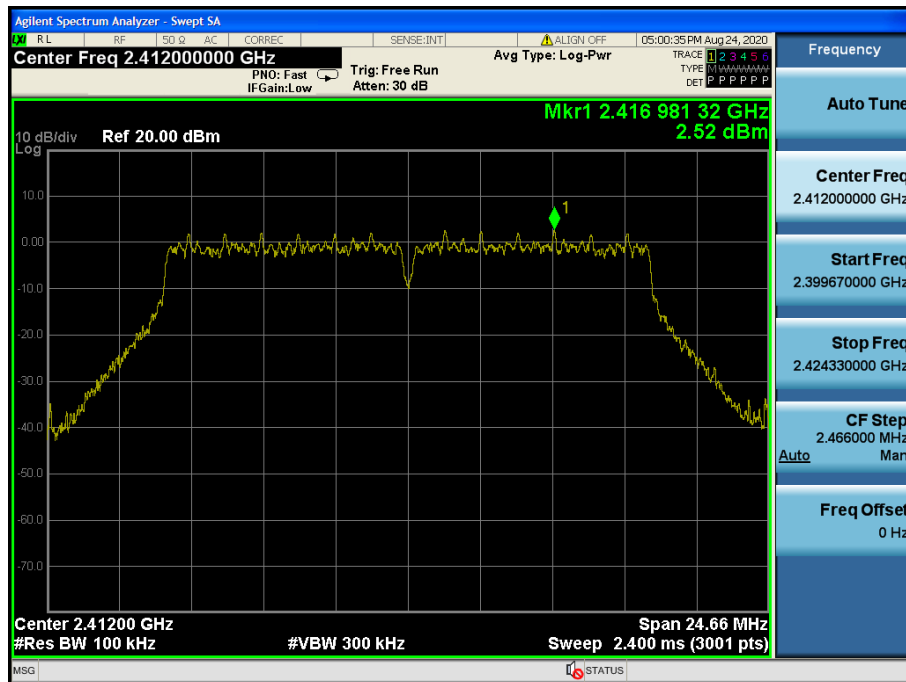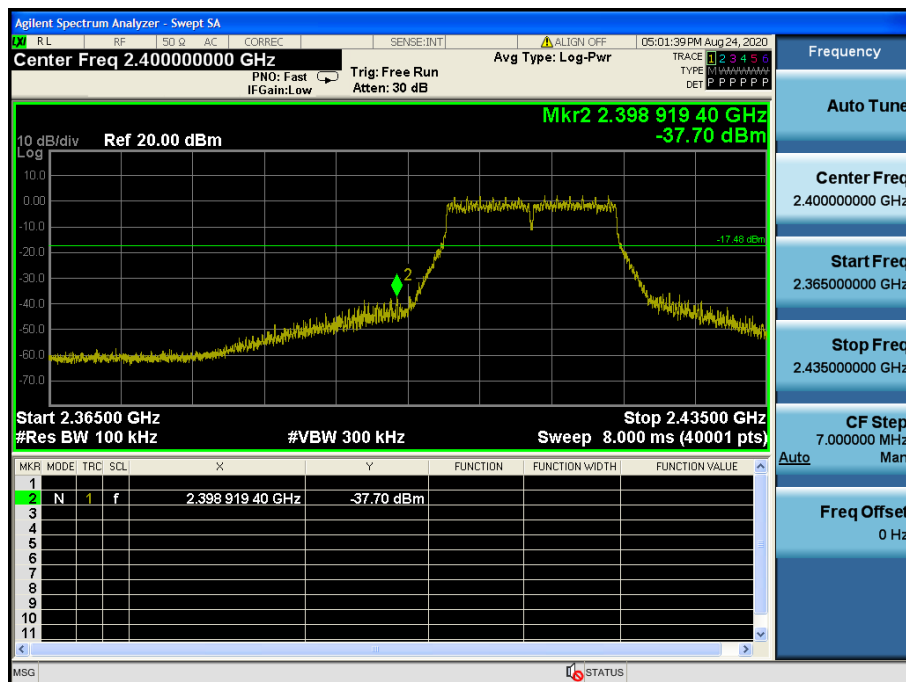
Reference

High Band-edge

Conducted Spurious Emissions

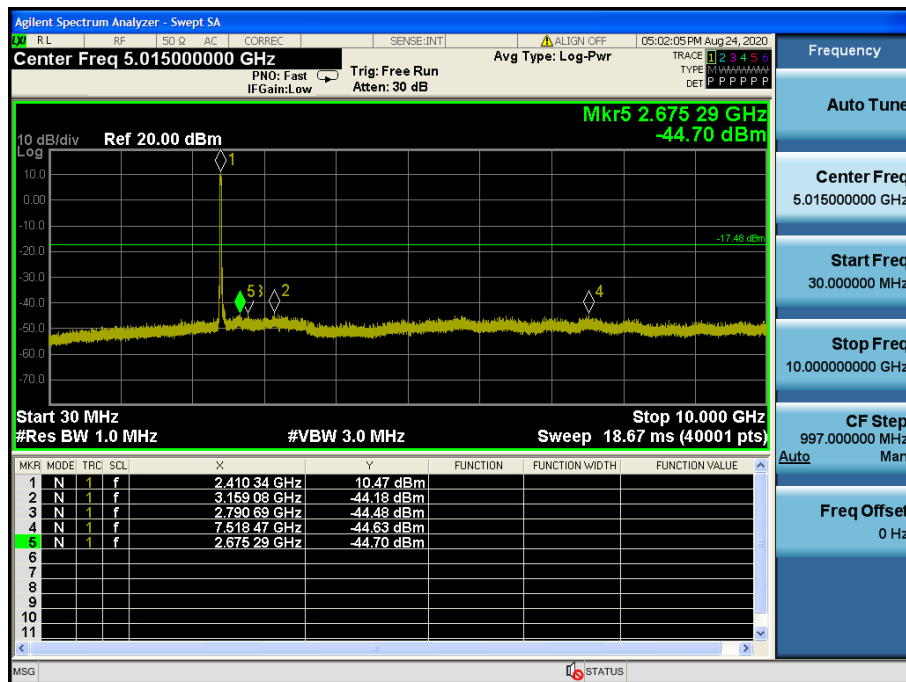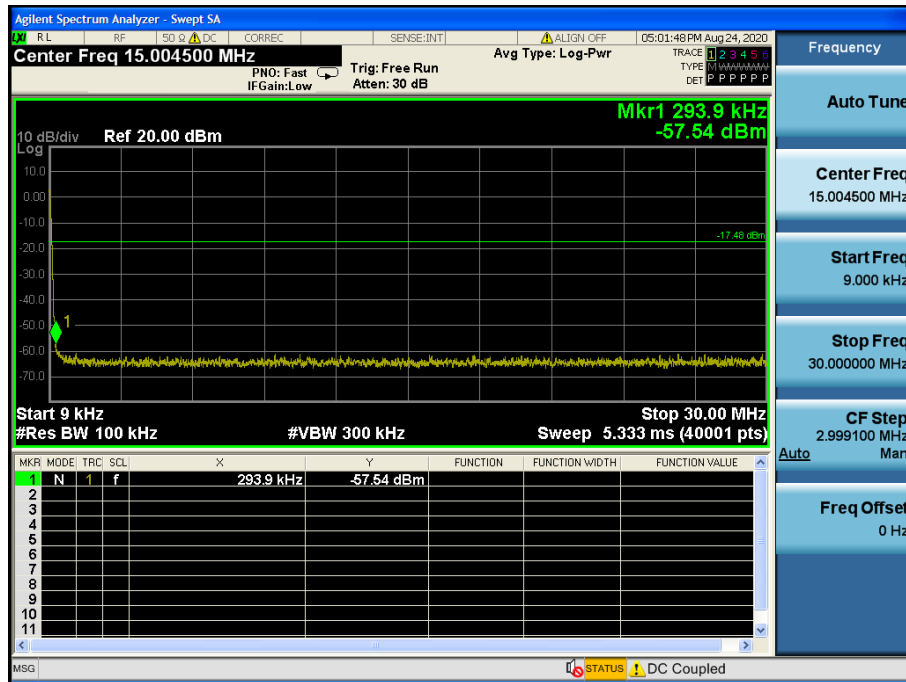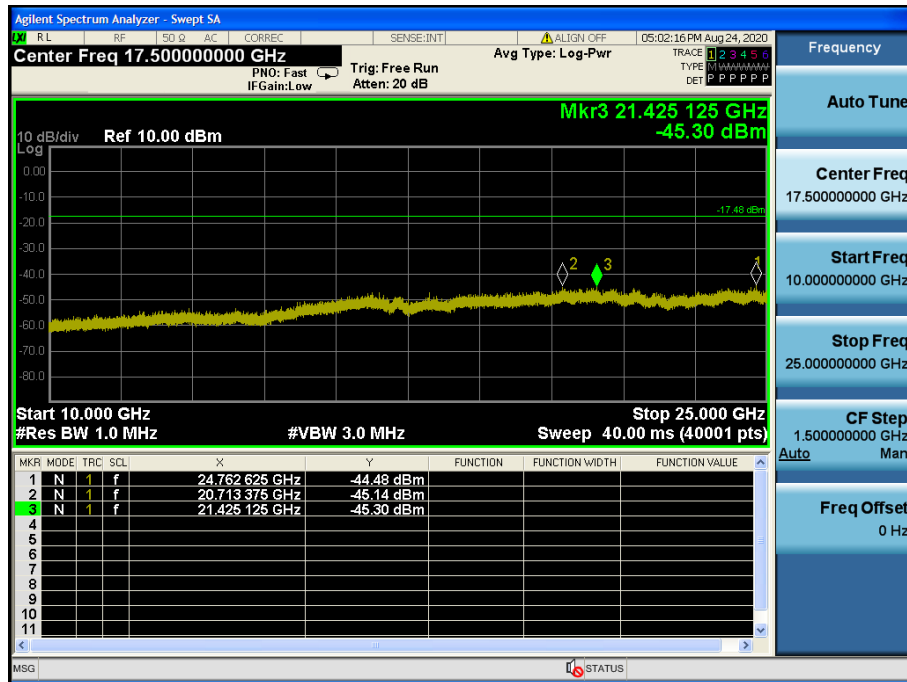## Conducted Spurious Emissions

TM 2 & ANT 2 & 2 412

Reference

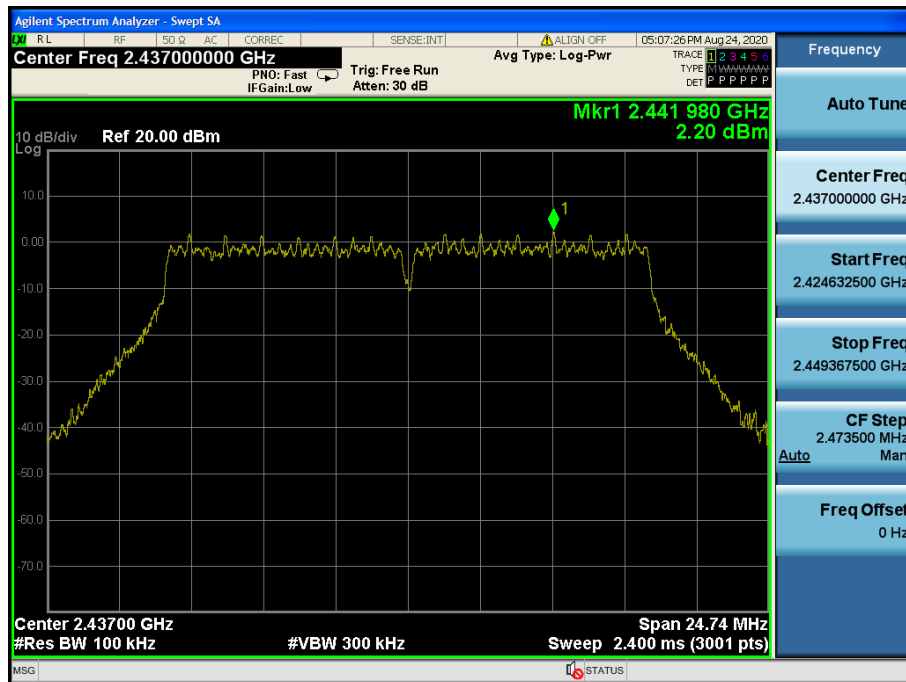## Low Band-edge

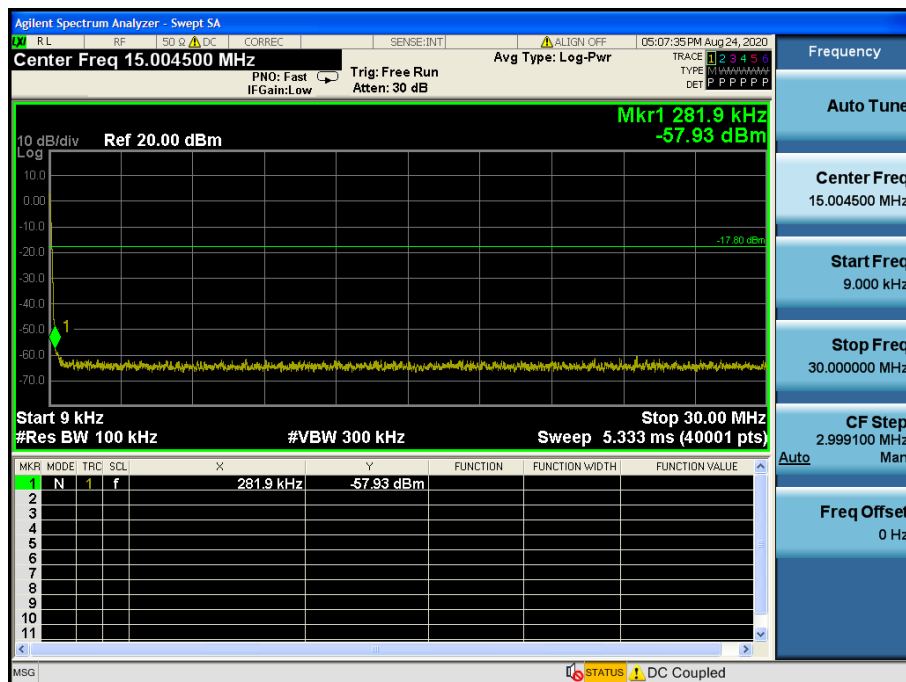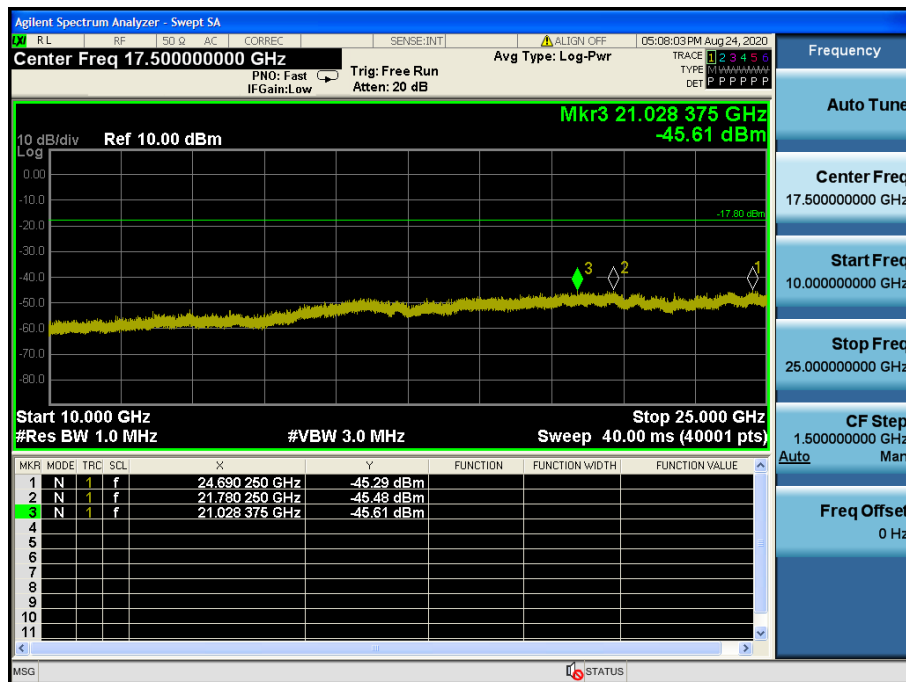## Conducted Spurious Emissions

Conducted Spurious Emissions

TM 2　&　ANT 2　&　2 437
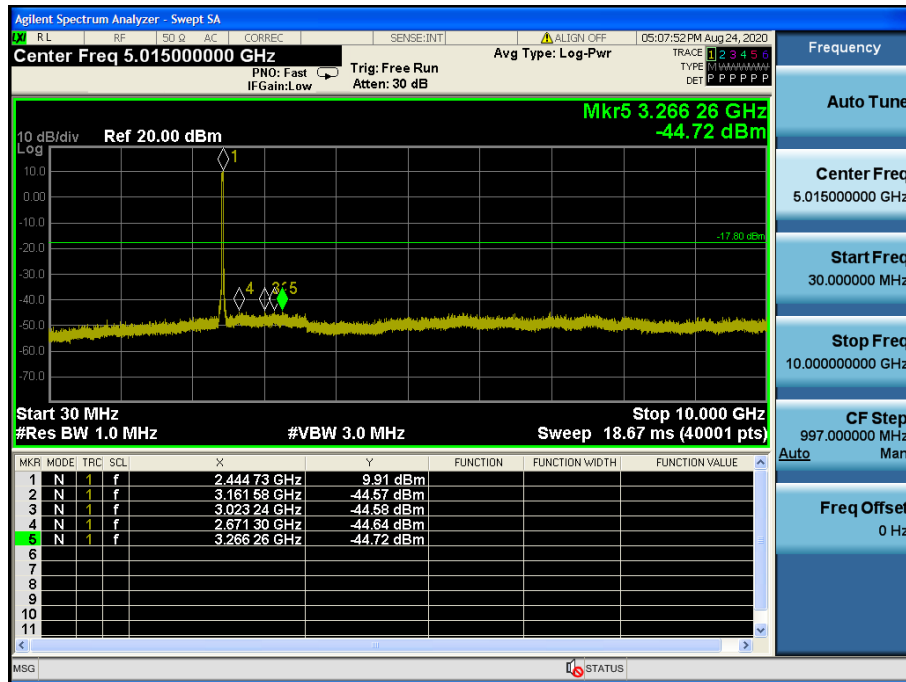
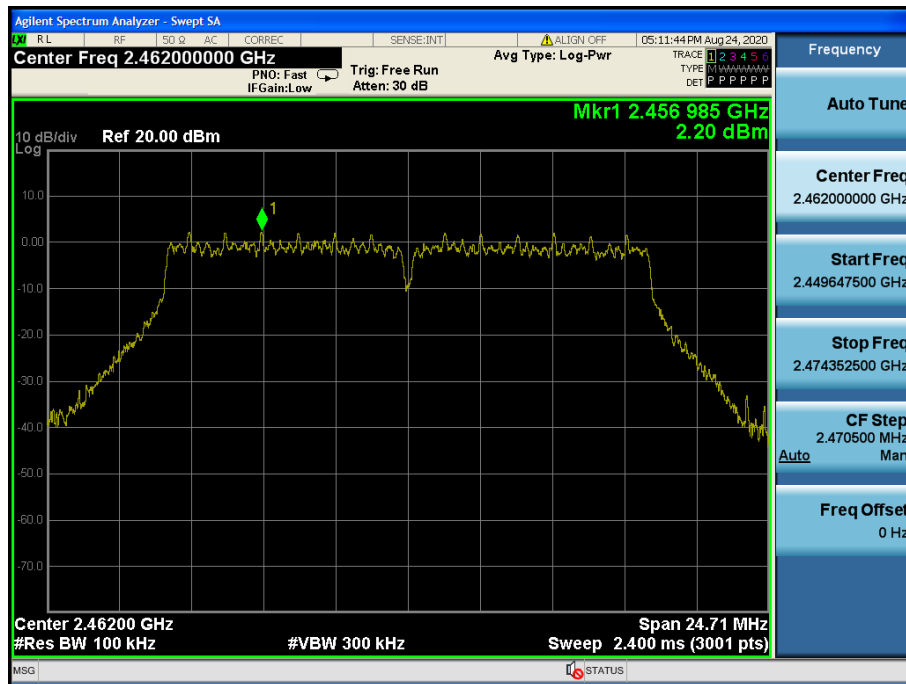### Reference

Conducted Spurious Emissions

Conducted Spurious Emissions

TM 2 & ANT 2 & 2 462

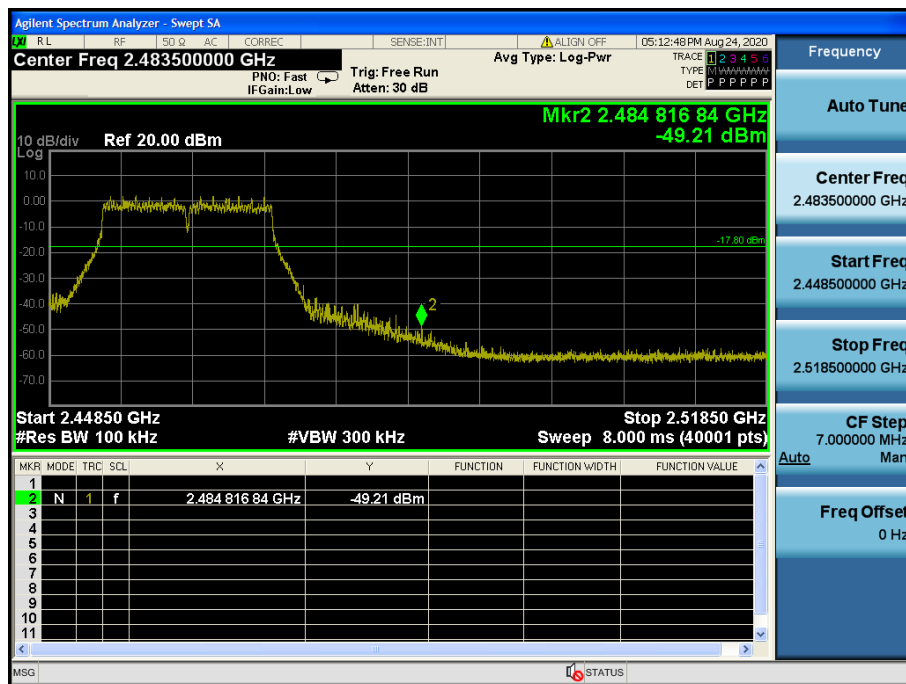### Reference

High Band-edge

Conducted Spurious Emissions