

### Summary of Out-Of-Band Emissions

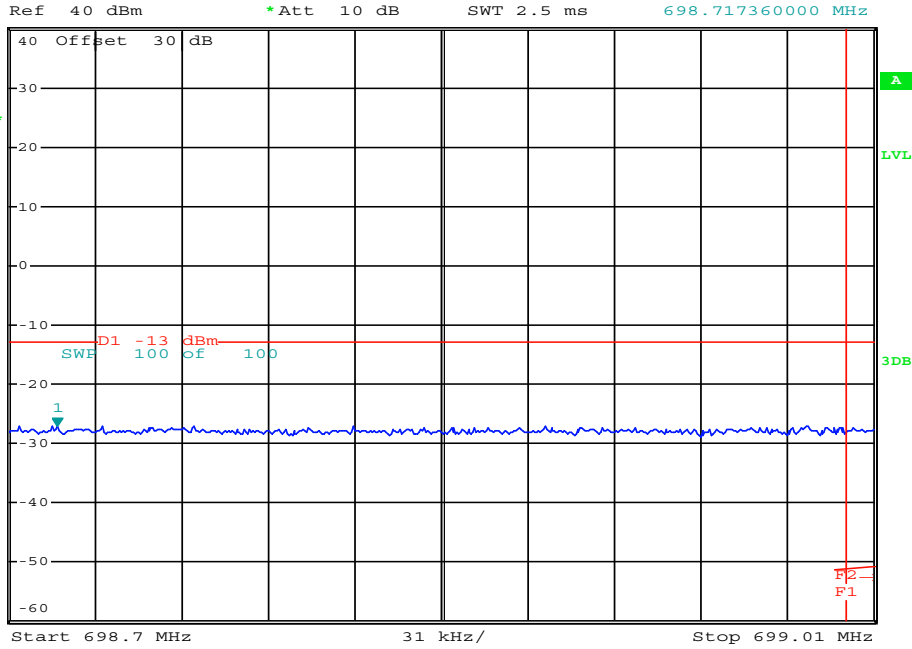
Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Band Edge	Measured OOB Emission (dBm)	Emission Limit (dB)	Margin (dB)
701.5	12 UL	Pre-AGC	5	Lower	-26.94	-13.0	13.9
		Post-AGC			-18.99		6.0
Pre-AGC		Upper		-20.37	7.4		
Post-AGC				-21.18	8.2		
704		Pre-AGC	10	Lower	-21.73		8.7
					Post-AGC		-21.52
711		Pre-AGC		Upper	-22.44		9.4
					Post-AGC		-25.03
						<b>Complies</b>	

Margin = Emission Limit - Measure OOB Emission

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 1 MHz                    -26.94 dBm  
 SWT 2.5 ms                    698.717360000 MHz



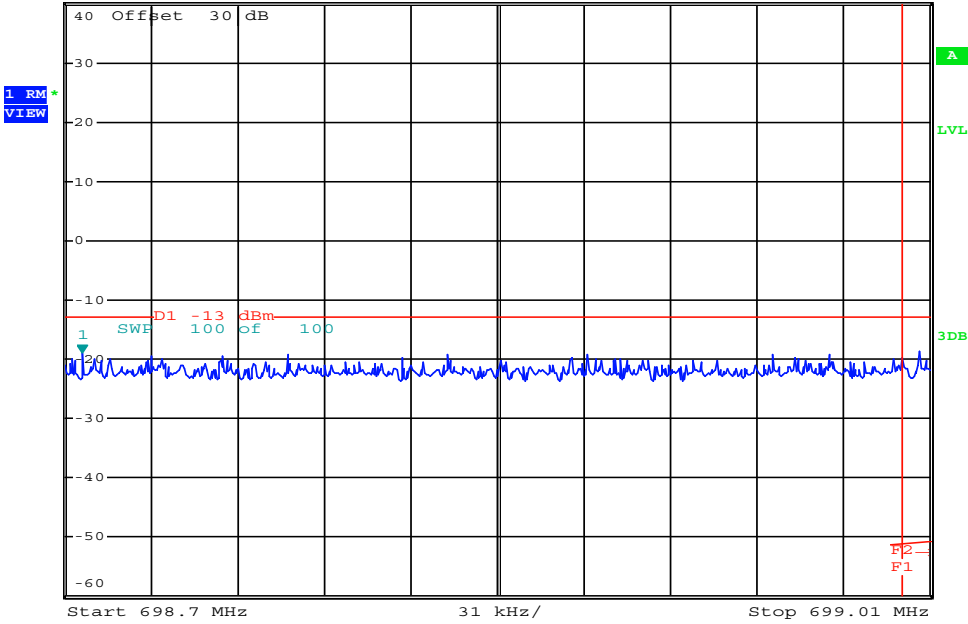
Date: 24.MAR.2021 13:24:57

Channel Frequency: <b>701.50 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>12 UL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-26.94 dBm</b>

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -18.99 dBm  
 Ref 40 dBm \*Att 10 dB SWT 2.5 ms 698.706200000 MHz



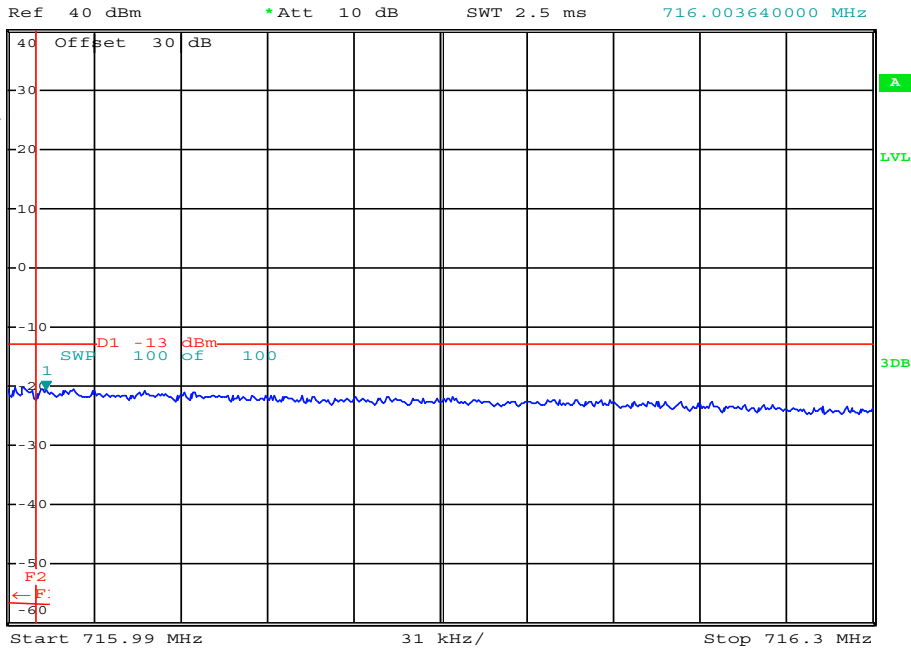
Date: 24.MAR.2021 13:26:09

Channel Frequency: <b>701.50 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>12 UL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-18.99 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -20.37 dBm  
 SWT 2.5 ms 716.003640000 MHz



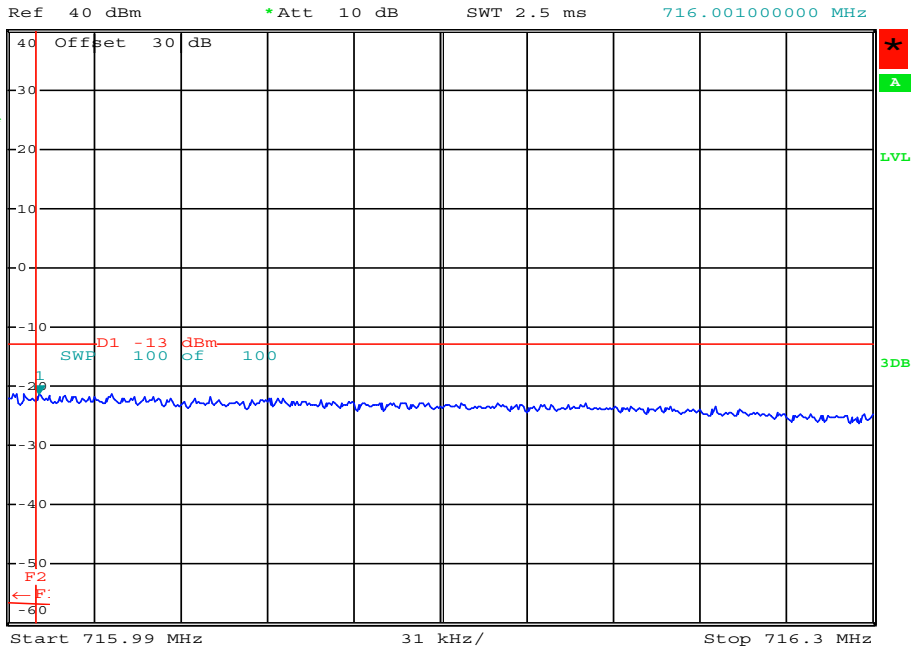
Date: 24.MAR.2021 13:23:38

Channel Frequency: <b>713.50 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>12 UL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-20.37 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -21.18 dBm  
 SWT 2.5 ms 716.001000000 MHz



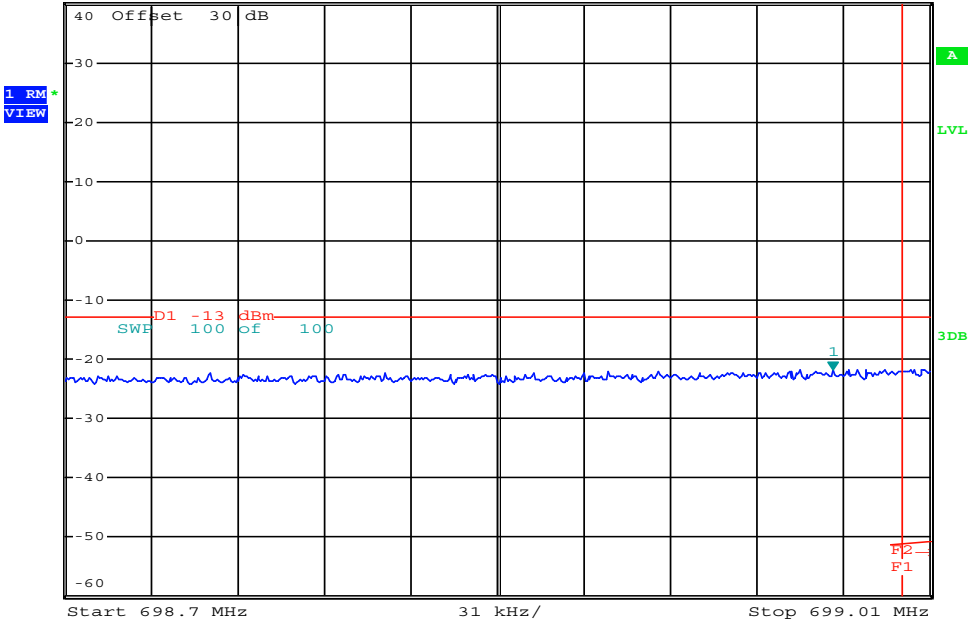
Date: 24.MAR.2021 13:22:38

Channel Frequency: <b>713.50 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>12 UL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-21.18 dBm</b>

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -21.73 dBm  
 Ref 40 dBm \*Att 10 dB SWT 2.5 ms 698.975280000 MHz



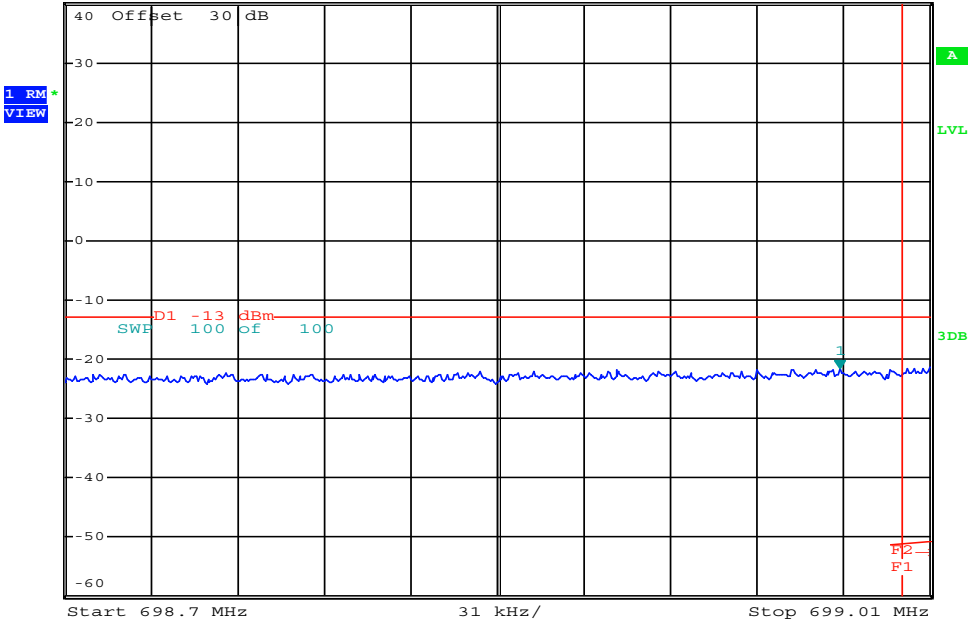
Date: 24.MAR.2021 13:29:03

Channel Frequency: <b>704.00 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>12 UL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-21.73 dBm</b>

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -21.52 dBm  
 Ref 40 dBm \*Att 10 dB SWT 2.5 ms 698.977760000 MHz



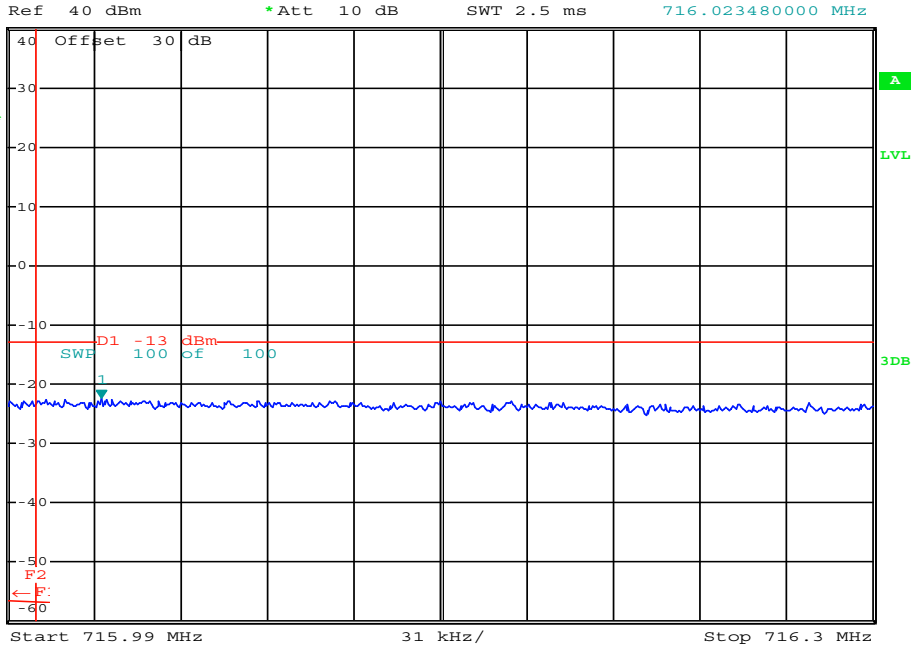
Date: 24.MAR.2021 13:28:10

Channel Frequency: <b>704.00 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>12 UL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-21.52 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -22.44 dBm  
 SWT 2.5 ms 716.023480000 MHz



Date: 24.MAR.2021 13:30:03

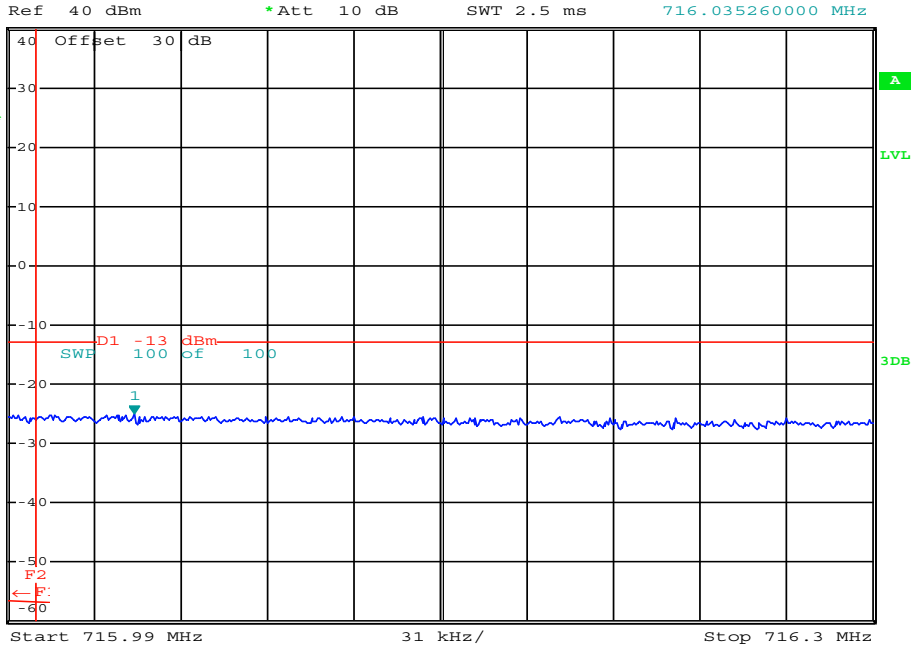
Channel Frequency: <b>711.00 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>12 UL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-22.44 dBm</b>



# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -25.03 dBm  
 SWT 2.5 ms 716.035260000 MHz



Date: 24.MAR.2021 13:30:40

Channel Frequency: <b>711.00 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>12 UL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-25.03 dBm</b>

### Summary of Out-Of-Band Emissions

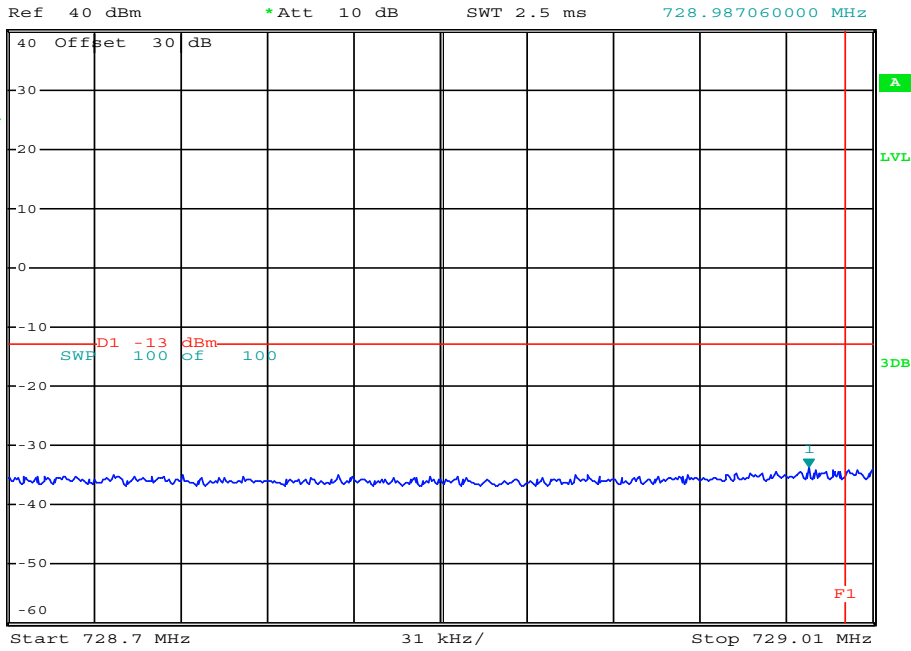
Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Band Edge	Measured OOB Emission (dBm)	Emission Limit (dB)	Margin (dB)
731.5	12 DL	Pre-AGC	5	Lower	-33.70	-13.0	20.7
		Post-AGC			-35.68		22.7
Pre-AGC		Upper		-34.82	21.8		
Post-AGC				-37.95	25.0		
734		Pre-AGC	10	Lower	-34.23		21.2
					Post-AGC		-34.73
741		Pre-AGC		Upper	-32.95		20.0
					Post-AGC		-33.63
						<b>Complies</b>	

Margin = Emission Limit - Measure OOB Emission

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 1 MHz                    -33.70 dBm  
 SWT 2.5 ms                    728.987060000 MHz



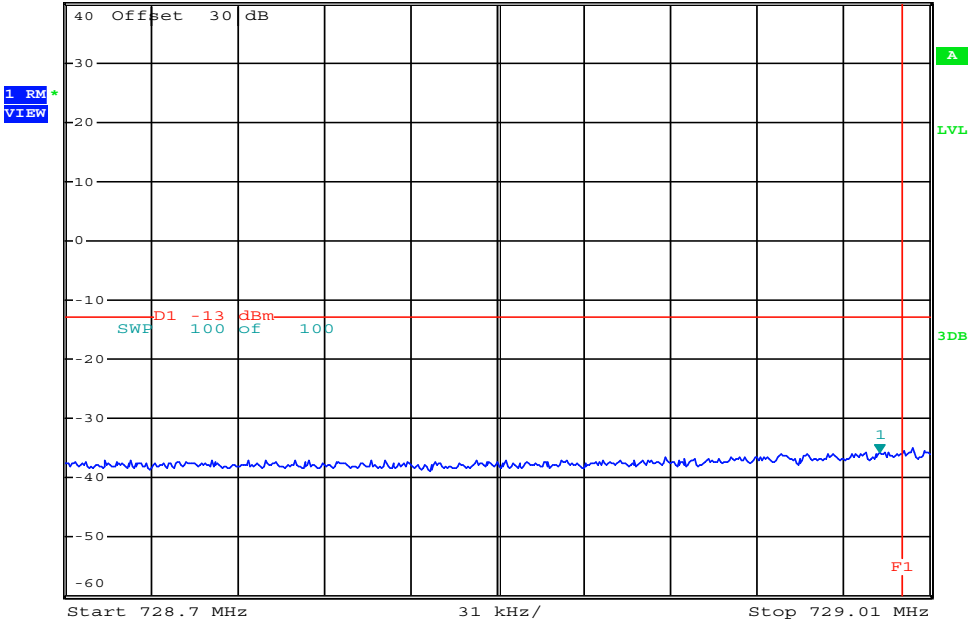
Date: 26.MAR.2021 14:59:15

Channel Frequency: <b>731.50 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>12 DL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-33.70 dBm</b>

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -35.68 dBm  
 Ref 40 dBm \*Att 10 dB SWT 2.5 ms 728.992020000 MHz



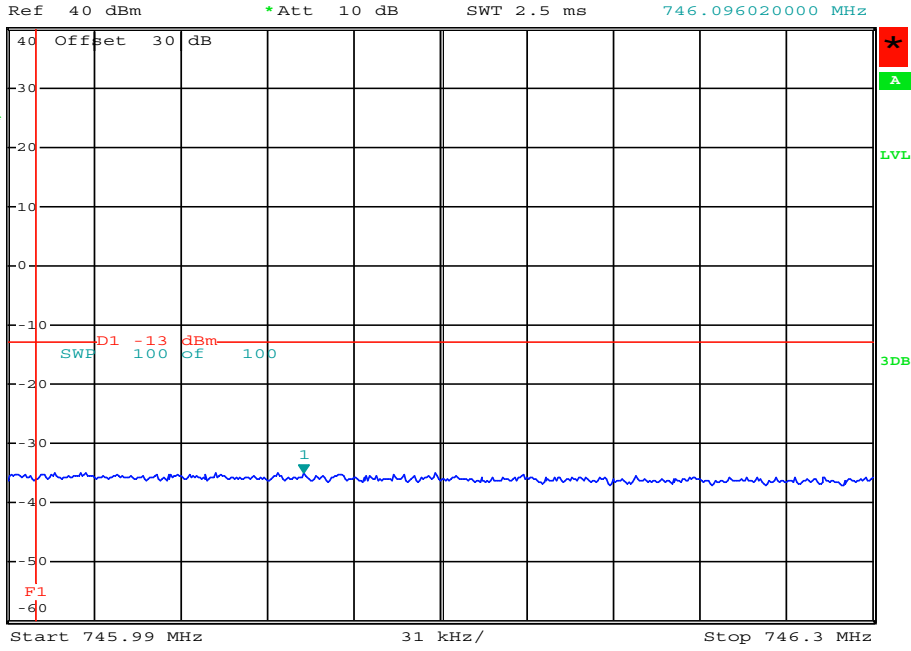
Date: 26.MAR.2021 14:58:46

Channel Frequency: <b>731.50 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>12 DL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-35.68 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -34.82 dBm  
 SWT 2.5 ms 746.096020000 MHz



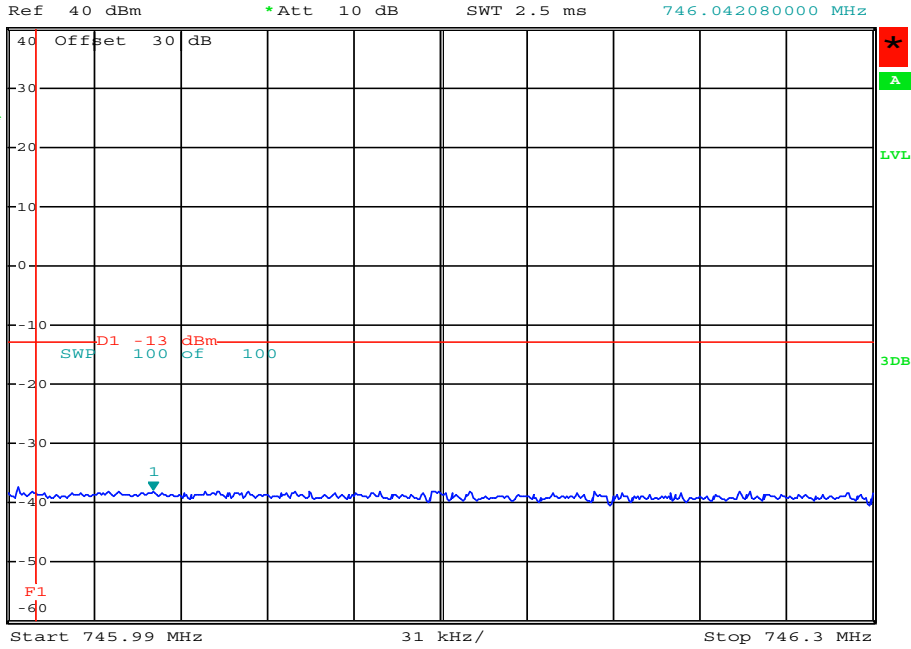
Date: 26.MAR.2021 15:00:26

Channel Frequency: <b>743.50 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>12 DL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-34.82 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -37.95 dBm  
 SWT 2.5 ms 746.042080000 MHz



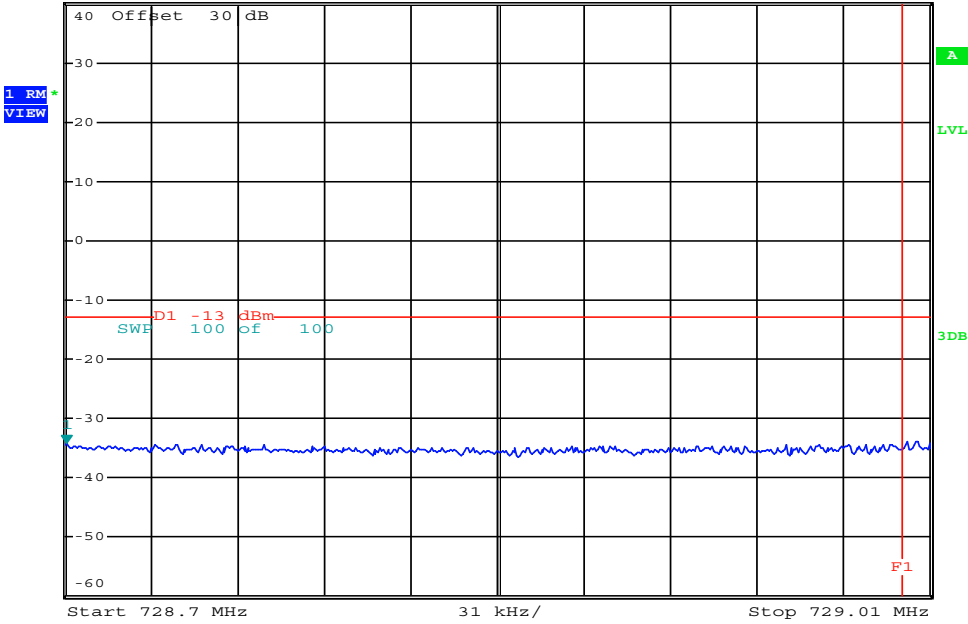
Date: 26.MAR.2021 15:00:59

Channel Frequency: <b>743.50 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>12 DL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-37.95 dBm</b>

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -34.23 dBm  
 Ref 40 dBm \*Att 10 dB SWT 2.5 ms 728.700620000 MHz



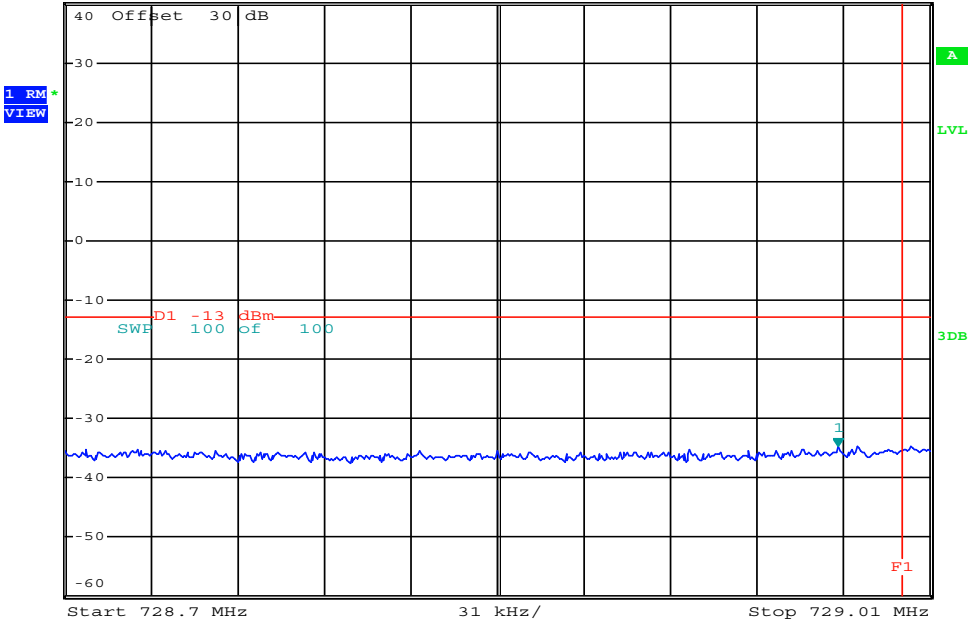
Date: 26.MAR.2021 14:24:42

Channel Frequency: <b>734.00 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>12 DL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-34.23 dBm</b>

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz Marker 1 [T1]  
 VBW 1 MHz -34.73 dBm  
 Ref 40 dBm \*Att 10 dB SWT 2.5 ms 728.977140000 MHz



Date: 26.MAR.2021 14:57:05

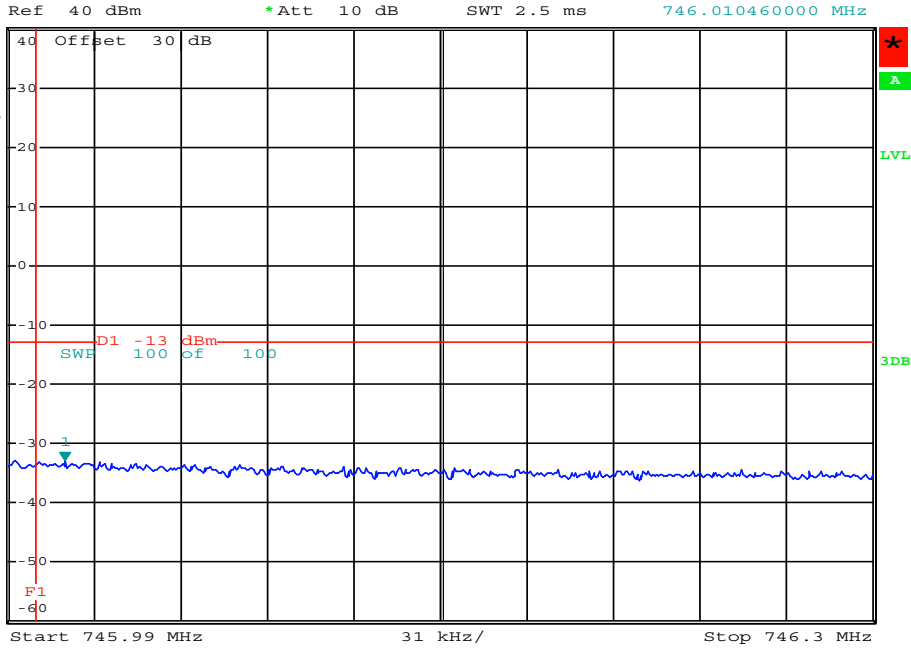
Channel Frequency: <b>734.00 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>12 DL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-34.73 dBm</b>



# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -32.95 dBm  
 SWT 2.5 ms 746.010460000 MHz



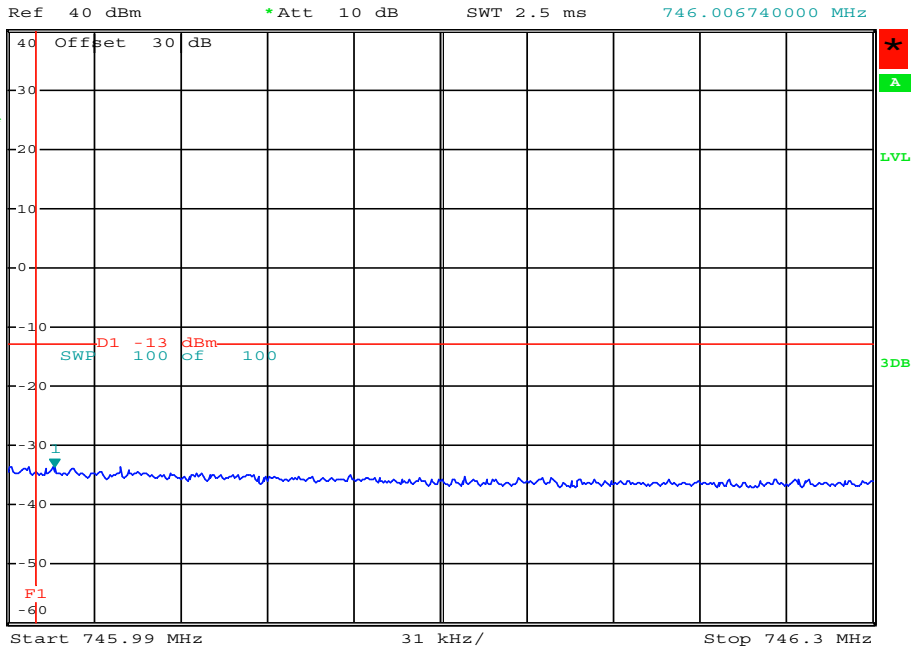
Date: 26.MAR.2021 15:02:53

Channel Frequency: <b>741.00 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>12 DL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-32.95 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -33.63 dBm  
 SWT 2.5 ms 746.006740000 MHz



Date: 26.MAR.2021 15:02:16

Channel Frequency: <b>741.00 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>12 DL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-33.63 dBm</b>

### Summary of Out-Of-Band Emissions

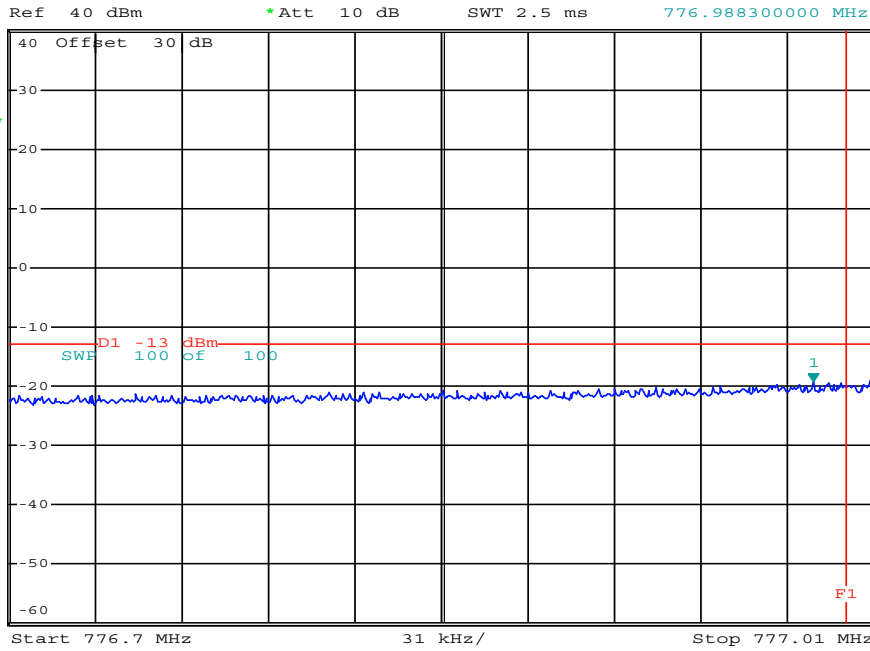
Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Band Edge	Measured OOB Emission (dBm)	Emission Limit (dB)	Margin (dB)
779.5	13 UL	Pre-AGC	5	Lower	-19.26	-13.0	6.3
		Post-AGC			-17.83		4.8
Pre-AGC		Upper		-17.18	4.2		
Post-AGC				-17.18	4.2		
784.5		Pre-AGC	10	Lower	-20.82		7.8
Post-AGC					-20.06		7.1
782		Pre-AGC		Upper	-18.83		5.8
782		Post-AGC			-18.20		5.2
						<b>Complies</b>	

Margin = Emission Limit - Measure OOB Emission

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    -19.26 dBm  
 SWT 2.5 ms    776.988300000 MHz



Date: 26.MAR.2021 10:25:57

Channel Frequency: <b>779.50 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>13 UL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-19.26 dBm</b>

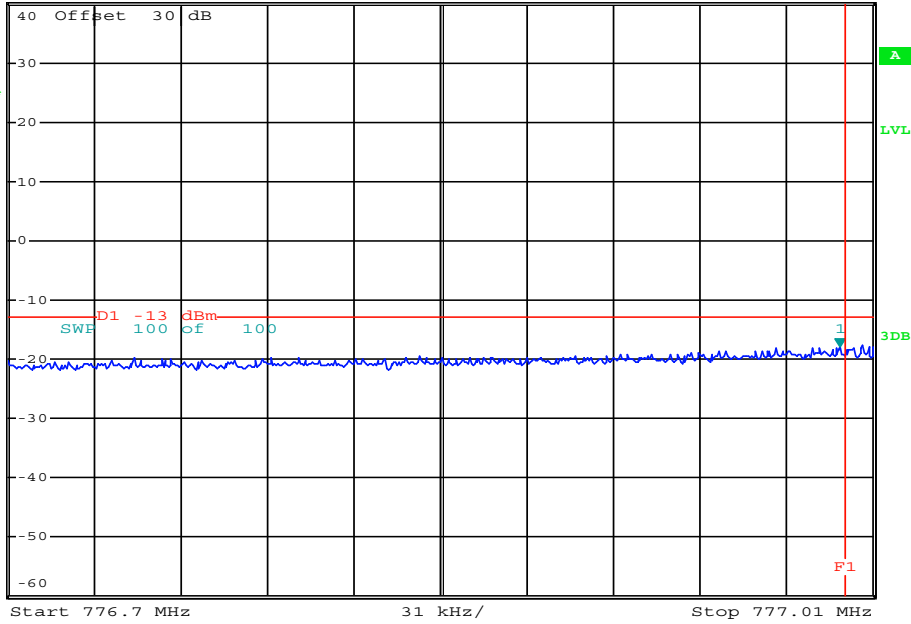
# OOB Emissions - Lower Block Edge



\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 300 kHz                    -17.83 dBm  
 SWT 2.5 ms                      776.998220000 MHz

Ref 40 dBm                    \*Att 10 dB

1 PK\*  
 VIEW



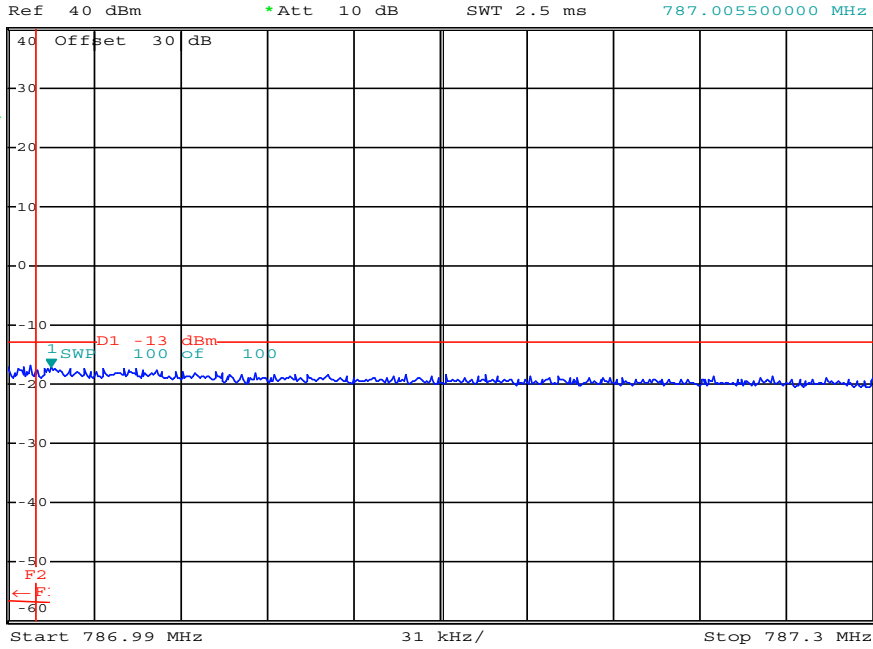
Date: 26.MAR.2021 10:27:10

Channel Frequency: <b>779.50 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>13 UL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-17.83 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 300 kHz -17.18 dBm  
 SWT 2.5 ms 787.005500000 MHz



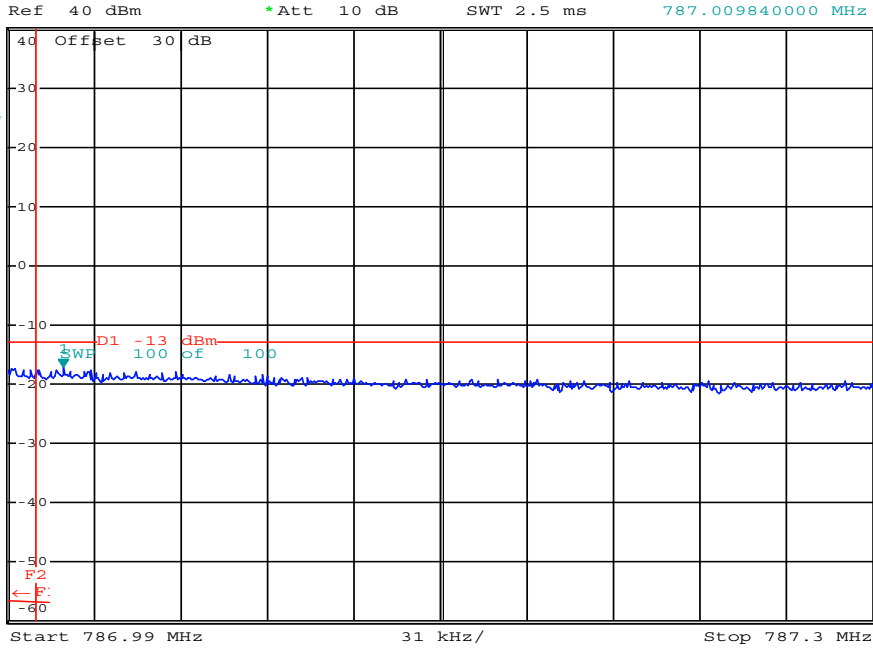
Date: 26.MAR.2021 10:34:08

Channel Frequency: <b>784.50 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>13 UL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-17.18 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 300 kHz -17.18 dBm  
 SWT 2.5 ms 787.009840000 MHz



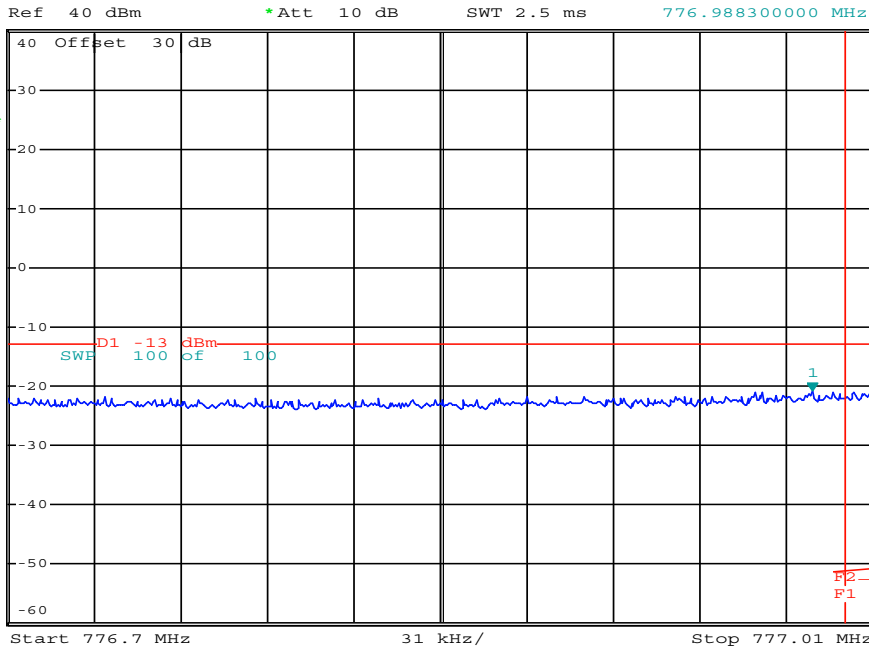
Date: 26.MAR.2021 10:33:28

Channel Frequency: <b>784.50 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>13 UL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-17.18 dBm</b>

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    -20.82 dBm  
 SWT 2.5 ms    776.988300000 MHz



Date: 26.MAR.2021 10:39:41

Channel Frequency: <b>782.00 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>13 UL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-20.82 dBm</b>



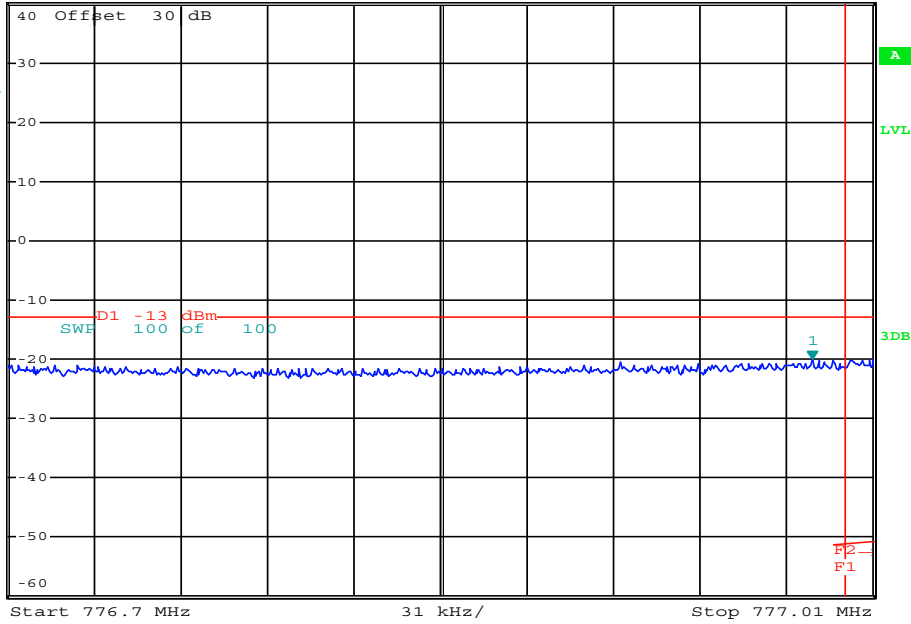
# OOB Emissions - Lower Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 300 kHz -20.06 dBm  
 SWT 2.5 ms 776.988300000 MHz

Ref 40 dBm \*Att 10 dB

1 PK\*  
 VIEW



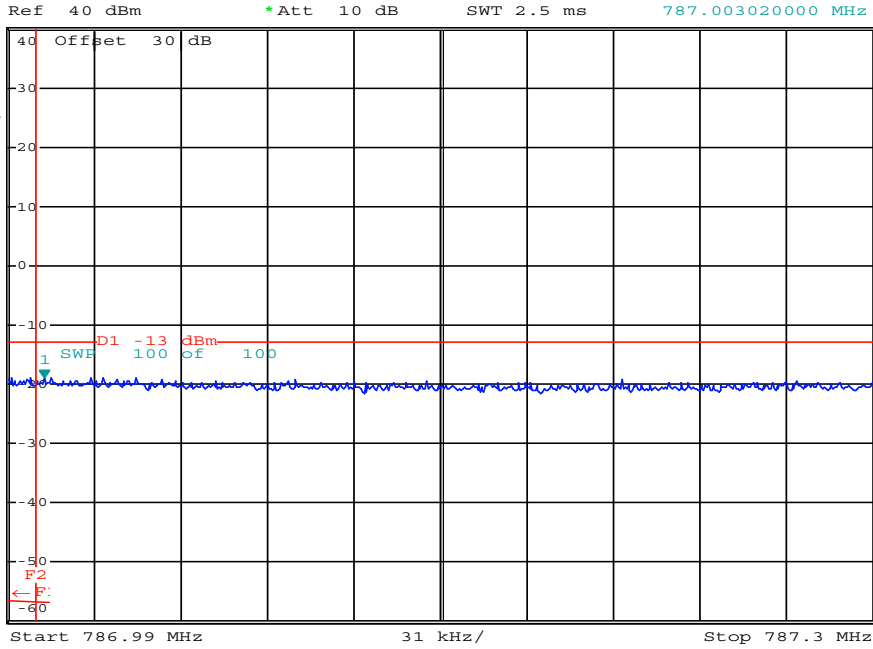
Date: 26.MAR.2021 10:40:19

Channel Frequency: <b>782.00 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>13 UL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-20.06 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    -18.83 dBm  
 SWT 2.5 ms    787.003020000 MHz



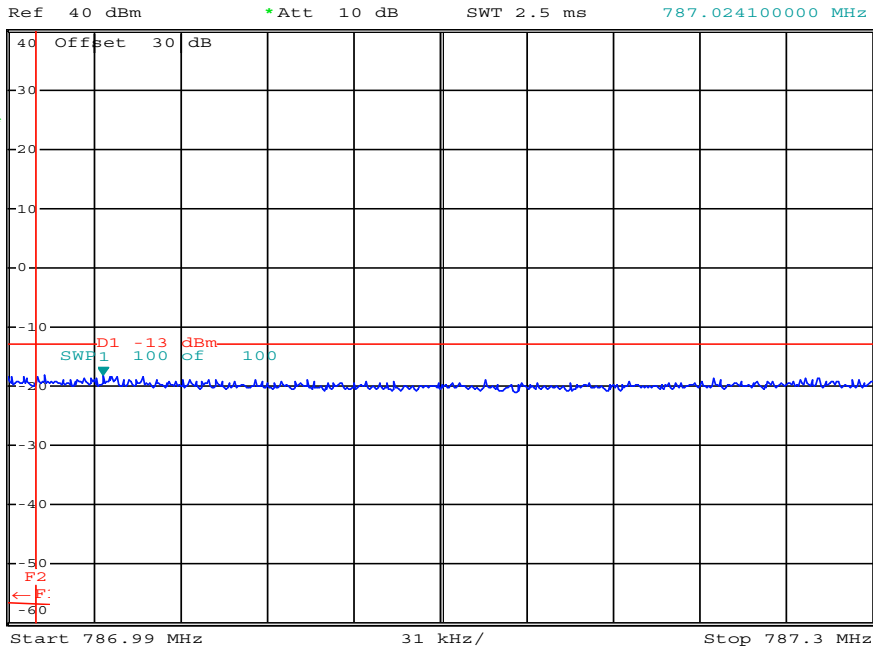
Date: 26.MAR.2021 10:41:32

Channel Frequency: <b>782.00 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>13 UL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-18.83 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 300 kHz -18.20 dBm  
 SWT 2.5 ms 787.024100000 MHz



Date: 26.MAR.2021 10:41:06

Channel Frequency: <b>782.00 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>13 UL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-18.20 dBm</b>

### Summary of Out-Of-Band Emissions

Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Band Edge	Measured OOB Emission (dBm)	Emission Limit (dB)	Margin (dB)		
748.5	13 DL	Pre-AGC	5	Lower	-31.87	-13.0	18.9		
		Post-AGC			-33.94		20.9		
Pre-AGC		Upper		-38.92	25.9				
Post-AGC				-41.32	28.3				
751		13 DL	Pre-AGC	10	Lower		-35.86	-13.0	22.9
			Post-AGC				-36.08		23.1
Pre-AGC			Upper		-35.08		22.1		
Post-AGC					-36.06		23.1		

**Complies**

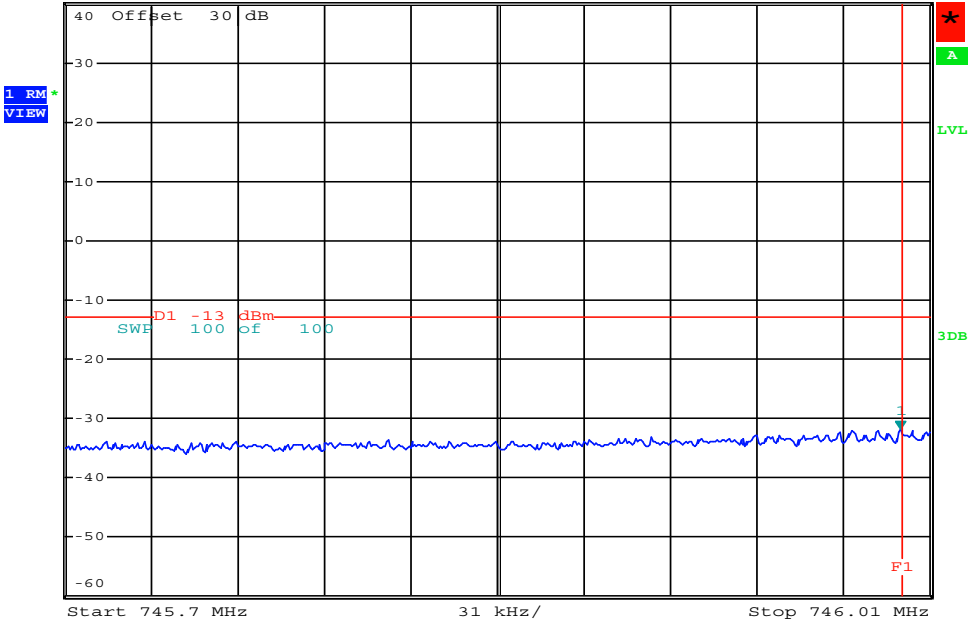
Margin = Emission Limit - Measure OOB Emission

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -31.87 dBm  
 SWT 2.5 ms 745.999460000 MHz

Ref 40 dBm \*Att 10 dB



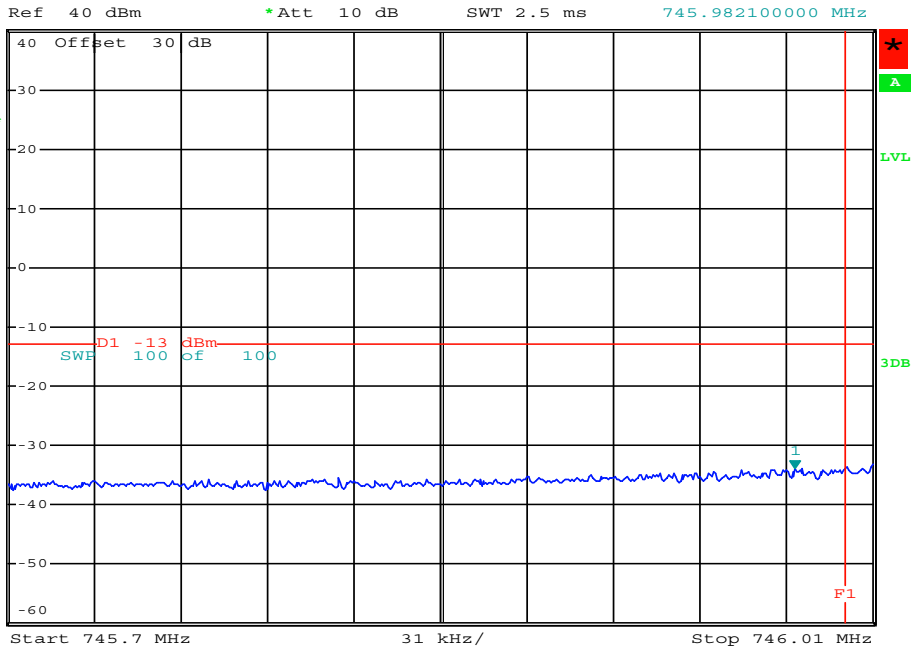
Date: 26.MAR.2021 15:07:48

Channel Frequency: <b>748.50 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>13 DL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-31.87 dBm</b>

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz Marker 1 [T1]  
 VBW 1 MHz -33.94 dBm  
 SWT 2.5 ms 745.982100000 MHz



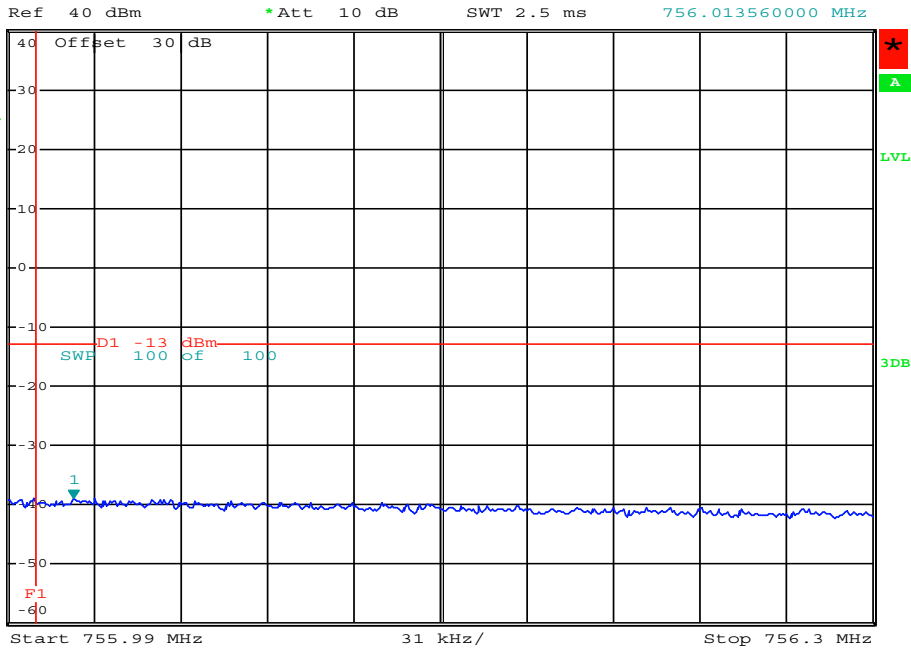
Date: 26.MAR.2021 15:07:18

Channel Frequency: <b>748.50 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>13 DL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-33.94 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -38.92 dBm  
 SWT 2.5 ms 756.013560000 MHz



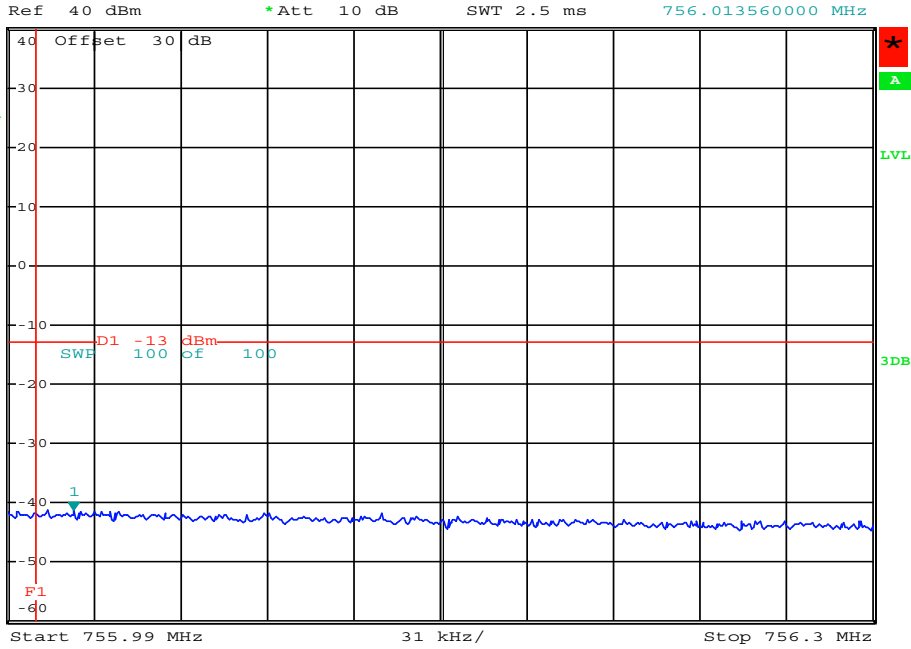
Date: 26.MAR.2021 15:09:47

Channel Frequency: <b>753.50 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>13 DL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-38.92 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -41.32 dBm  
 SWT 2.5 ms 756.013560000 MHz



Date: 26.MAR.2021 15:10:16

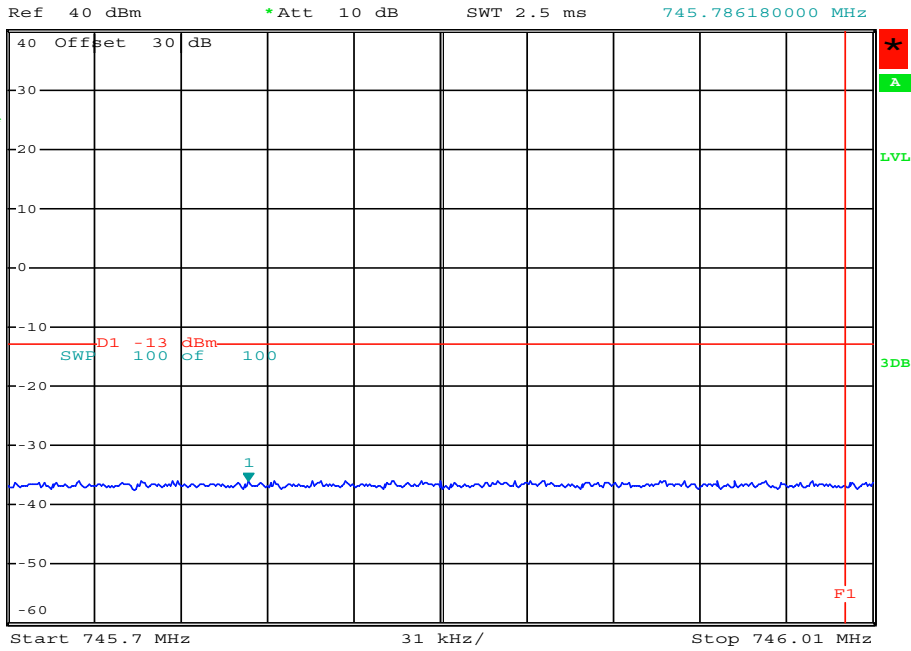
Channel Frequency: <b>753.50 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>13 DL</b>	Channel Bandwidth: <b>5.0 MHz</b>	Measured Emission: <b>-41.32 dBm</b>



# OOB Emissions - Lower Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -35.86 dBm  
 SWT 2.5 ms 745.786180000 MHz



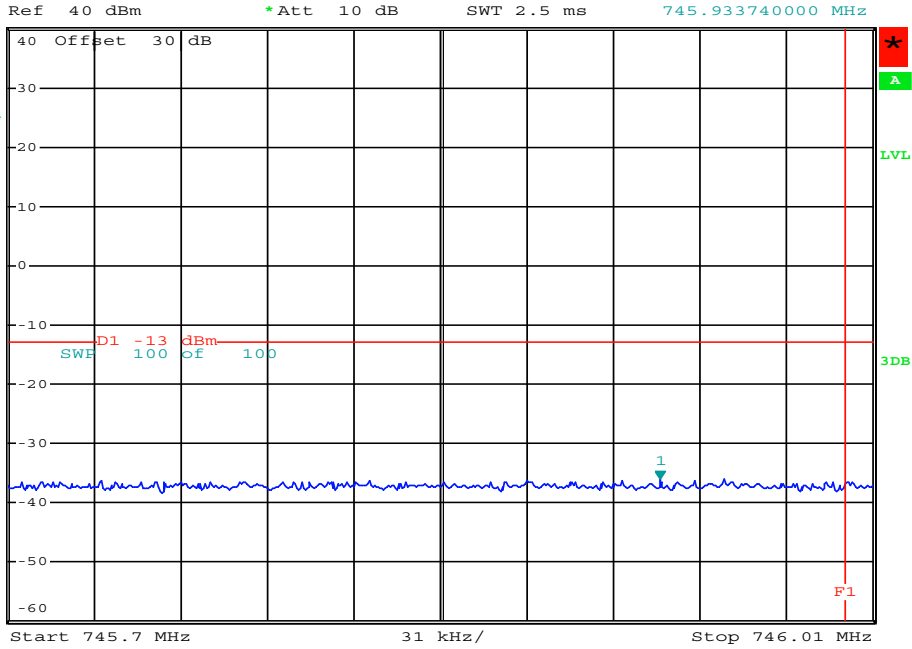
Date: 26.MAR.2021 15:05:18

Channel Frequency: <b>751.00 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>13 DL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-35.86 dBm</b>

# OOB Emissions - Lower Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -36.08 dBm  
 SWT 2.5 ms 745.933740000 MHz



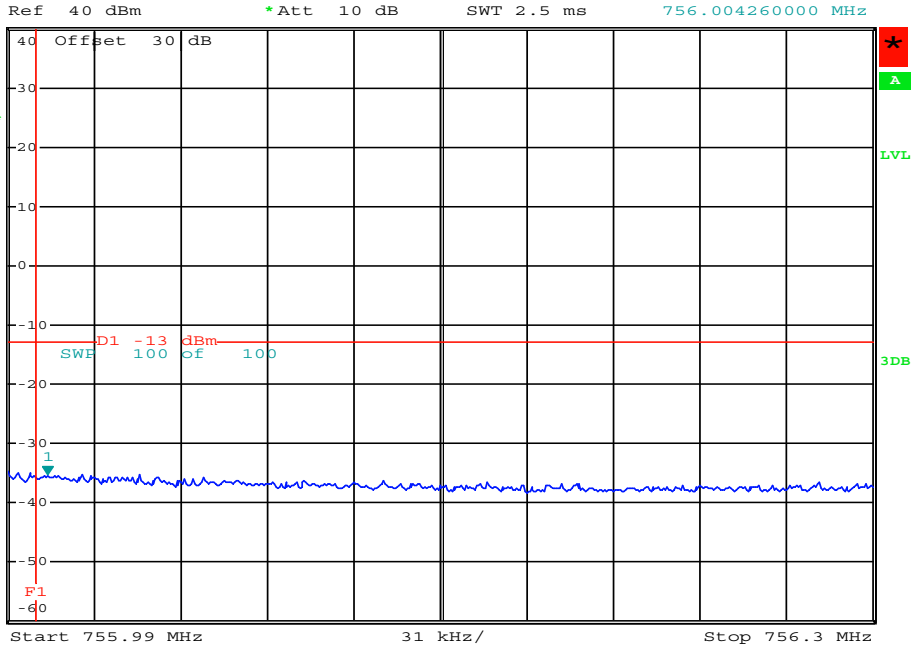
Date: 26.MAR.2021 15:05:45

Channel Frequency: <b>751.00 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>13 DL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-36.08 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -35.08 dBm  
 SWT 2.5 ms 756.004260000 MHz



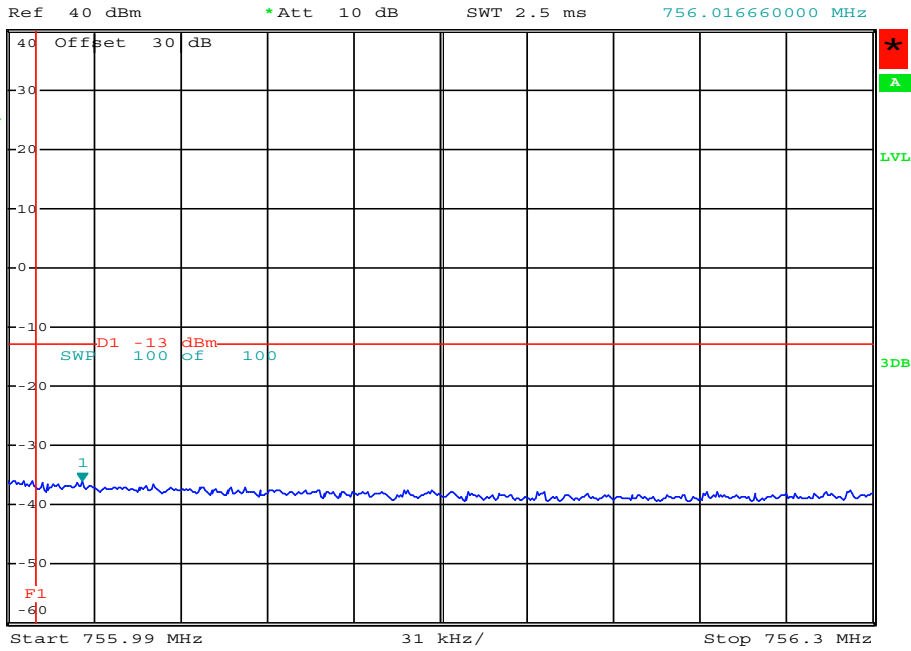
Date: 26.MAR.2021 15:12:30

Channel Frequency: <b>751.00 MHz</b>	SG Mode: <b>Pre-AGC</b>	
LTE Band: <b>13 DL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-35.08 dBm</b>

# OOB Emissions Upper Block Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -36.06 dBm  
 SWT 2.5 ms 756.016660000 MHz



Date: 26.MAR.2021 15:11:53

Channel Frequency: <b>751.00 MHz</b>	SG Mode: <b>Post-AGC</b>	
LTE Band: <b>13 DL</b>	Channel Bandwidth: <b>10.0 MHz</b>	Measured Emission: <b>-36.06 dBm</b>