

IO Comparison Measurement Results (26dB BW)							
Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Measured DUT Bandwidth (MHz)	Measured SG* Bandwidth (MHz)	Delta BW (%)	Limit (%)
707.5	12	UL	Pre-AGC	5	5.10	n/a	5.0
			Post-AGC		5.10	n/a	
			Pre-AGC	10	10.17	n/a	
			Post-AGC		10.08	n/a	
						n/a	

* The 26dB BW of the SG signal could not be ascertained

IO Comparison Measurement Results (20dB BW)								
Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Measured DUT Bandwidth (MHz)	Measured SG Bandwidth (MHz)	Delta BW (%)	Limit (%)	
707.5	12	UL	Pre-AGC	5	4.95	4.98	-0.6	5.0
			Post-AGC		4.89	4.95	-1.2	
			Pre-AGC	10	9.90	9.99	-0.9	
			Post-AGC		9.90	9.99	-0.9	
						Complies		

Delta BW = (DUT BW - SG BW) / SG BW in percent. Positive indicates a growth in DUT BW.

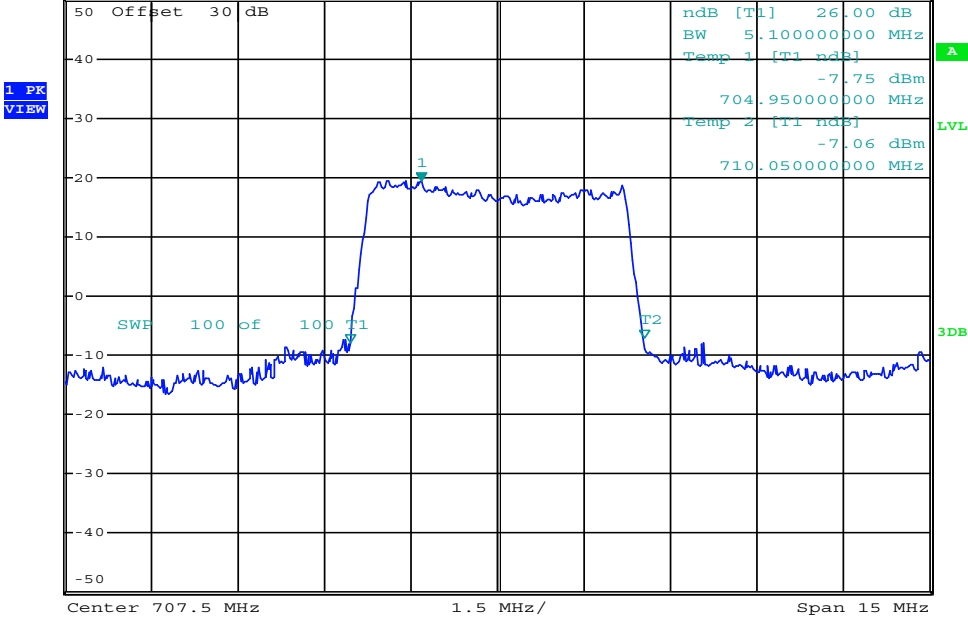
IO Comparison Measurement Results (6dB BW)								
Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Measured DUT Bandwidth (MHz)	Measured SG Bandwidth (MHz)	Delta BW (%)	Limit (%)	
707.5	12	UL	Pre-AGC	5	4.56	4.56	0.0	5.0
			Post-AGC	5	4.56	4.56	0.0	
			Pre-AGC	10	9.57	9.60	-0.3	
			Post-AGC	10	9.48	9.60	-1.2	
						Complies		

Delta BW = (DUT BW - SG BW) / SG BW in percent. Positive indicates a growth in DUT BW.

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 19.49 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 706.180000000 MHz



Date: 24.MAR.2021 11:47:48

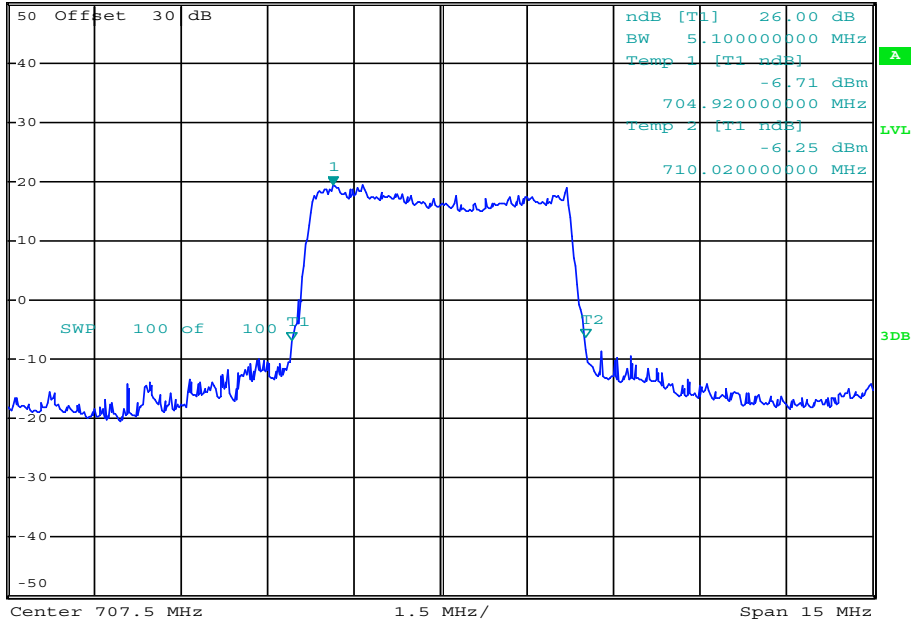
Channel Frequency: 707.50 MHz	SG Mode: Pre-AGC	
LTE Band: 12 UL	Channel Bandwidth: 5.0 MHz	Measured 26dB Bandwidth: 5.10 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 19.42 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 705.640000000 MHz

1 PK
 VIEW



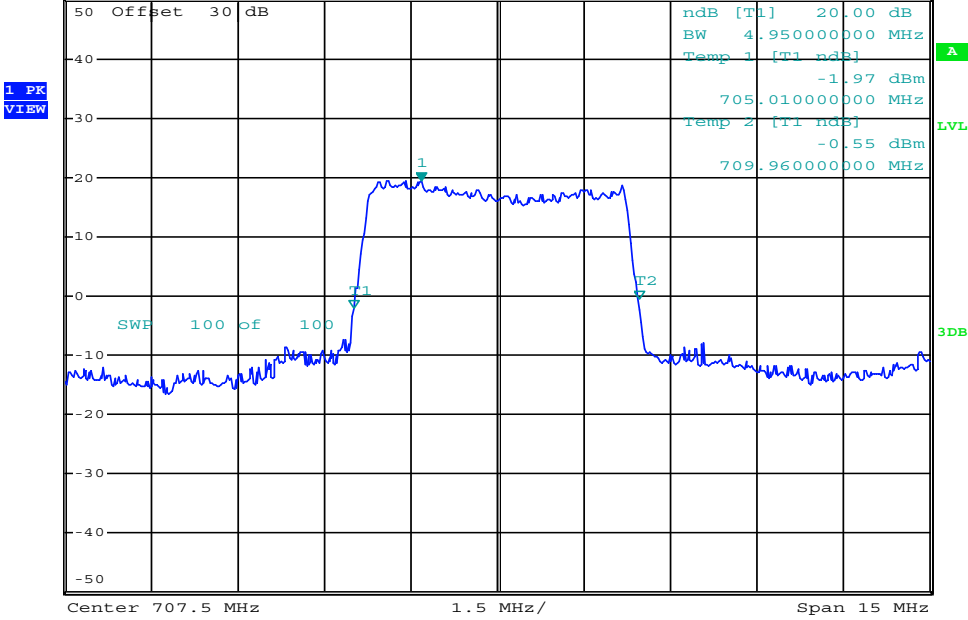
Date: 24.MAR.2021 11:53:11

Channel Frequency: 707.50 MHz	SG Mode: Post-AGC	
LTE Band: 12 UL	Channel Bandwidth: 5.0 MHz	Measured 26dB Bandwidth: 5.10 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 19.49 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 706.180000000 MHz



Date: 24.MAR.2021 11:48:25

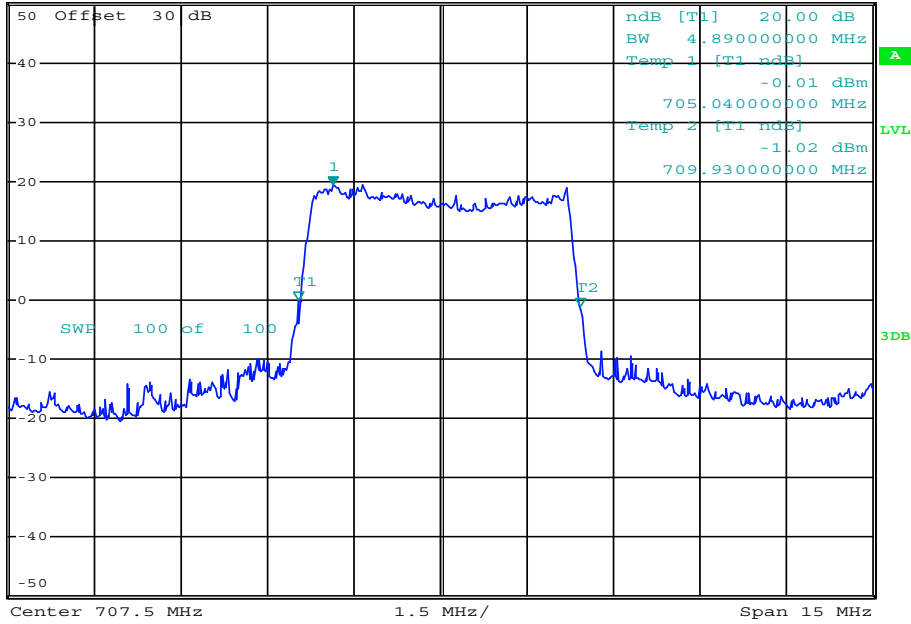
Channel Frequency: 707.50 MHz	SG Mode: Pre-AGC	
LTE Band: 12 UL	Channel Bandwidth: 5.0 MHz	Measured 20dB Bandwidth: 4.95 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 19.42 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 705.640000000 MHz

1 PK
 VIEW



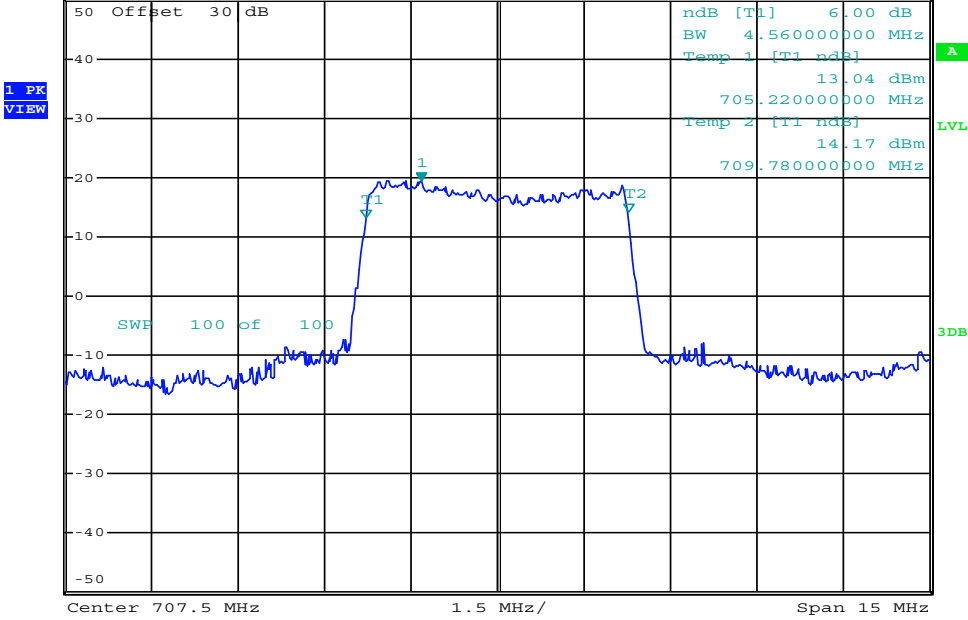
Date: 24.MAR.2021 11:52:44

Channel Frequency: 707.50 MHz	SG Mode: Post-AGC
LTE Band: 12 UL	Channel Bandwidth: 5.0 MHz
Measured 20dB Bandwidth: 4.89 MHz	

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 19.49 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 706.180000000 MHz



Date: 24.MAR.2021 11:49:05

Channel Frequency:
707.50 MHz

SG Mode:
Pre-AGC

LTE Band:
12 UL

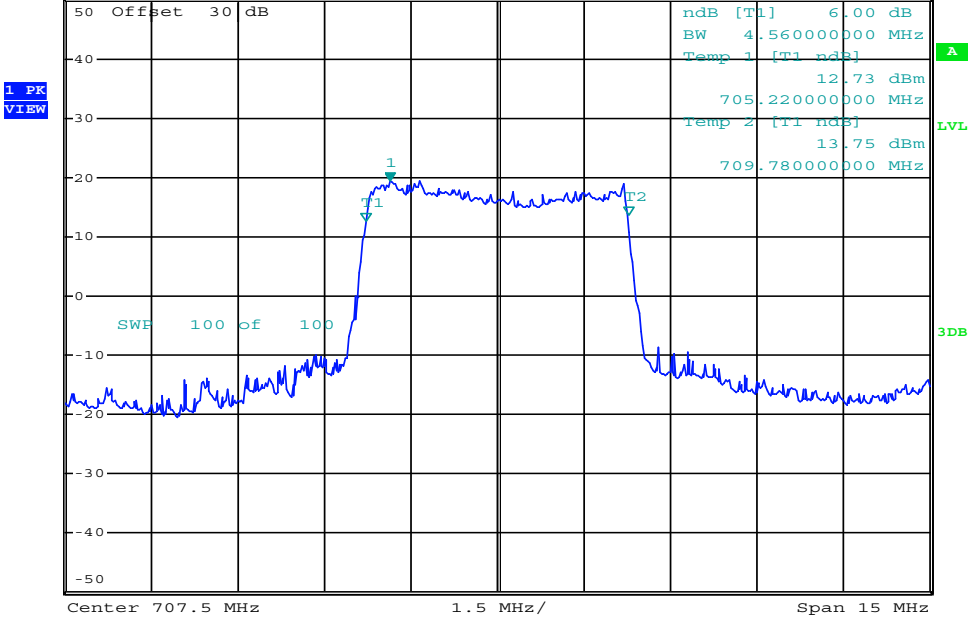
Channel Bandwidth:
5.0 MHz

Measured 6dB Bandwidth:
4.56 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 19.42 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 705.640000000 MHz



Date: 24.MAR.2021 11:51:55

Channel Frequency: 707.50 MHz	SG Mode: Post-AGC	
LTE Band: 12 UL	Channel Bandwidth: 5.0 MHz	Measured 6dB Bandwidth: 4.56 MHz

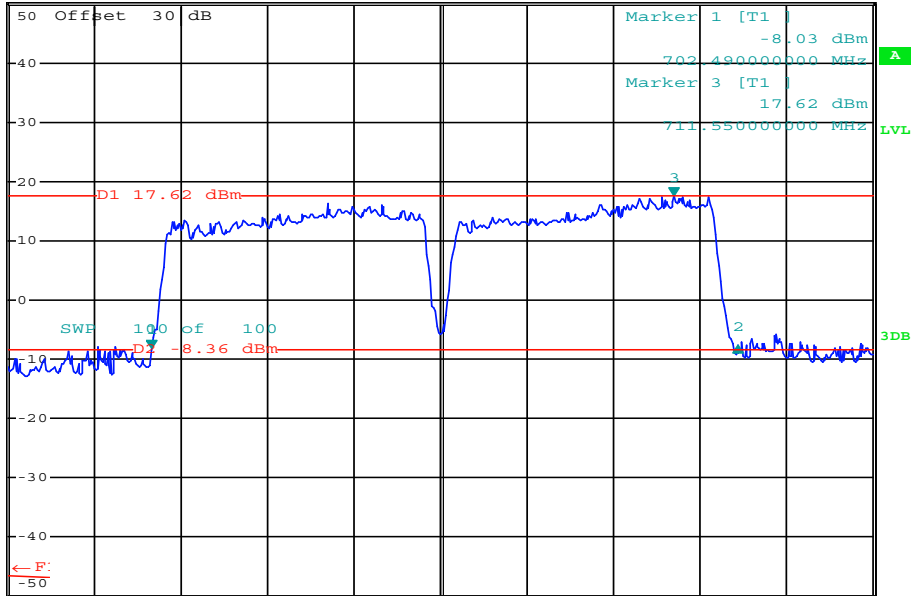
I/O Comparison - DUT BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 0.32 dB
 SWT 2.5 ms 10.170000000 MHz

Ref 50 dBm *Att 20 dB

1 PK
 VIEW



Center 707.5 MHz 1.5 MHz/ Span 15 MHz

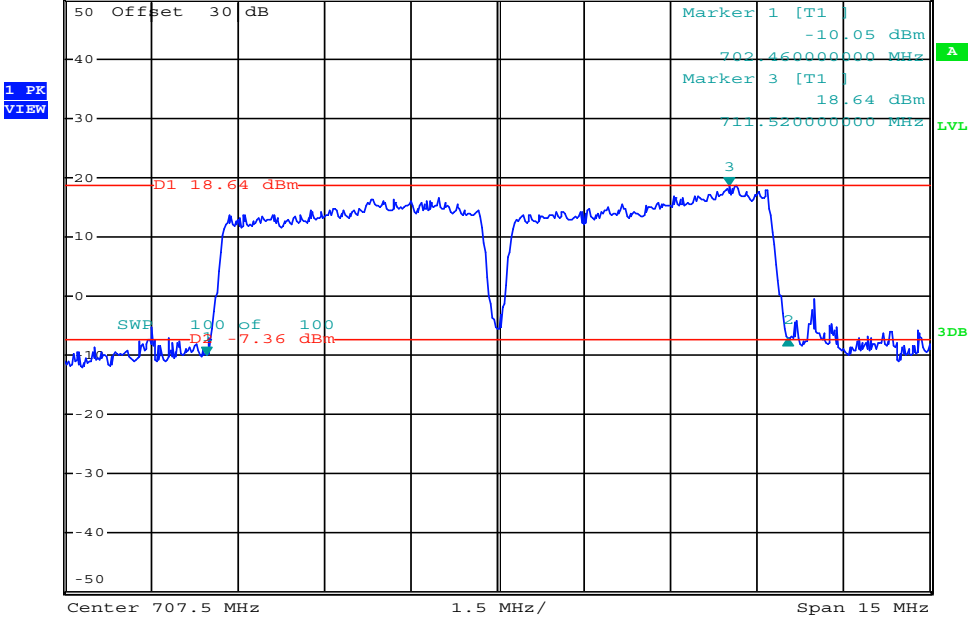
Date: 24.MAR.2021 12:05:00

Channel Frequency: 707.50 MHz	SG Mode: Pre-AGC	
LTE Band: 12 UL	Channel Bandwidth: 10.0 MHz	Measured 26dB Bandwidth: 10.17 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 2.87 dB
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 10.080000000 MHz



Date: 24.MAR.2021 12:01:29

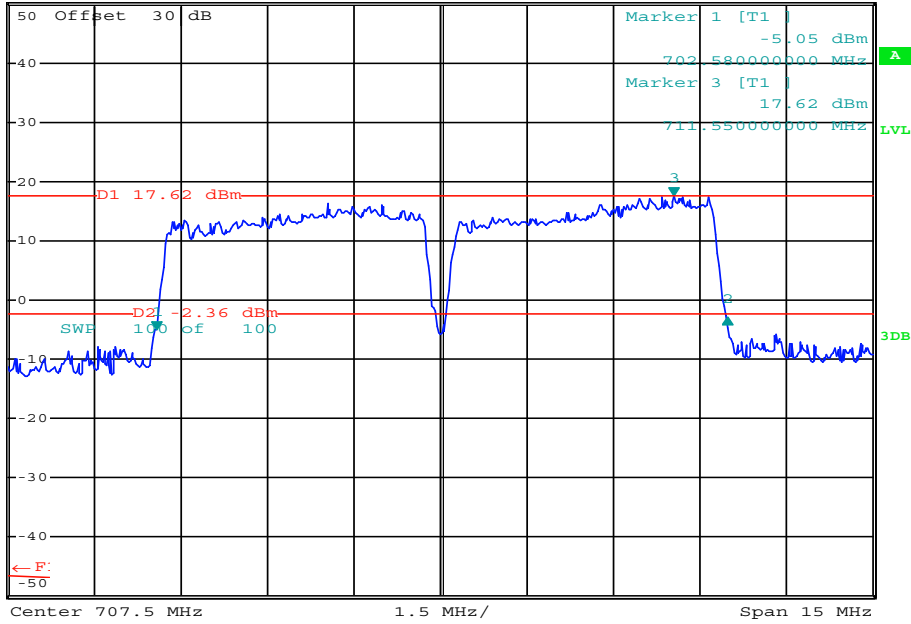
Channel Frequency: 707.50 MHz	SG Mode: Post-AGC	
LTE Band: 12 UL	Channel Bandwidth: 10.0 MHz	Measured 26dB Bandwidth: 10.08 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 2.18 dB
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 9.900000000 MHz

1 PK
 VIEW



Date: 24.MAR.2021 12:05:49

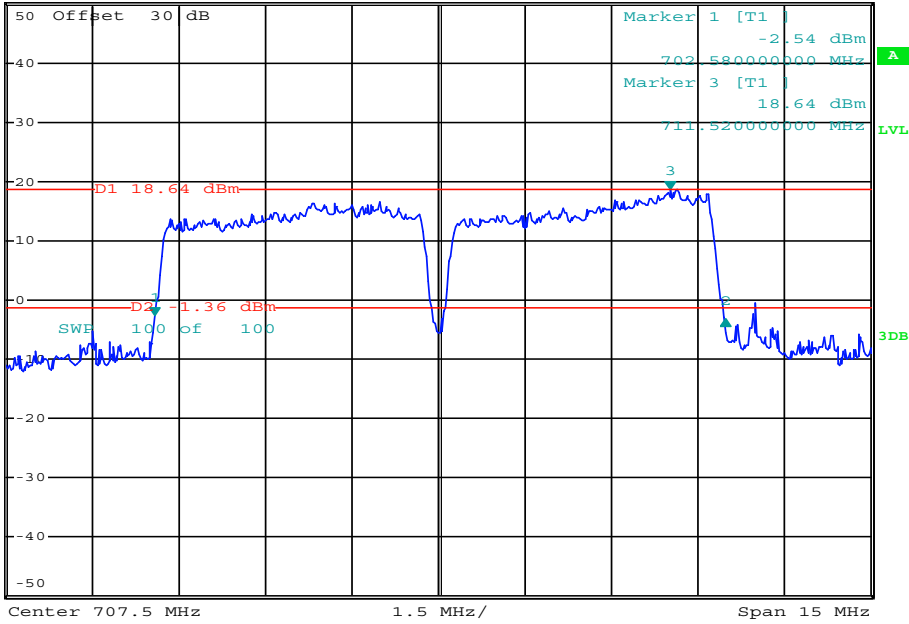
Channel Frequency: 707.50 MHz	SG Mode: Pre-AGC	
LTE Band: 12 UL	Channel Bandwidth: 10.0 MHz	Measured 20dB Bandwidth: 9.90 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz -0.54 dB
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 9.900000000 MHz

1 PK
 VIEW



Date: 24.MAR.2021 12:00:25

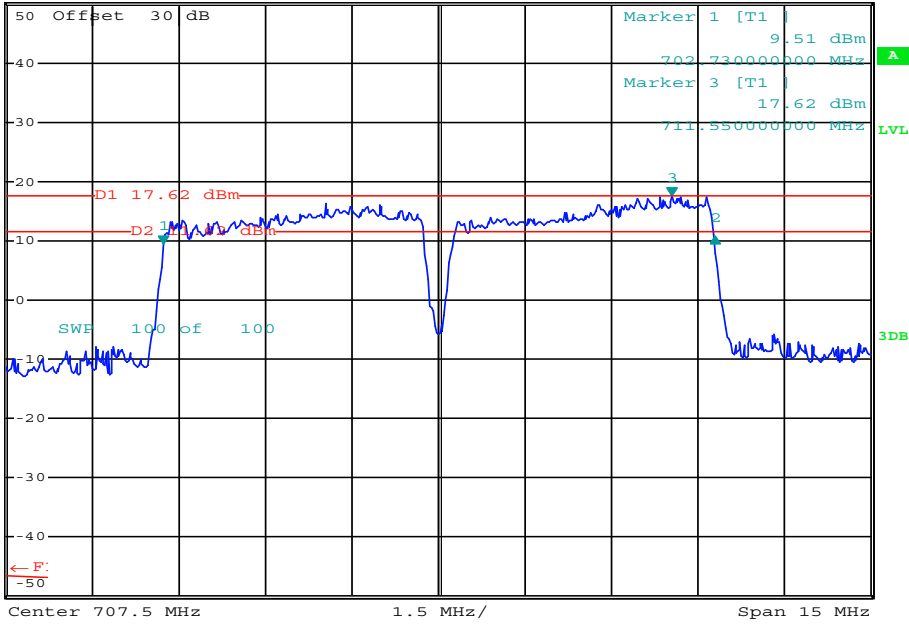
Channel Frequency: 707.50 MHz	SG Mode: Post-AGC	
LTE Band: 12 UL	Channel Bandwidth: 10.0 MHz	Measured 20dB Bandwidth: 9.90 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 1.31 dB
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 9.570000000 MHz

1 PK
 VIEW



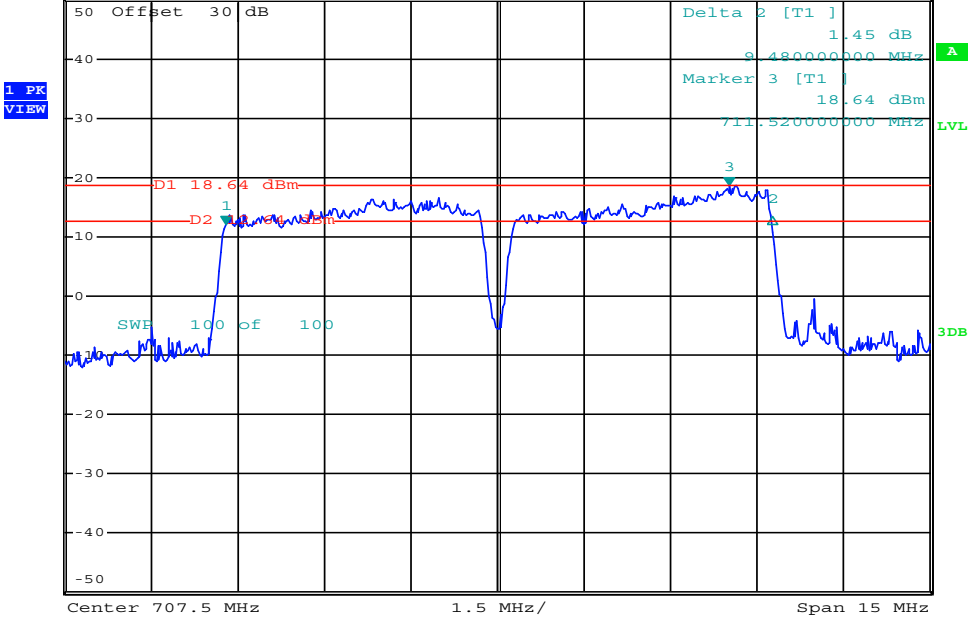
Date: 24.MAR.2021 12:06:36

Channel Frequency: 707.50 MHz	SG Mode: Pre-AGC	
LTE Band: 12 UL	Channel Bandwidth: 10.0 MHz	Measured 6dB Bandwidth: 9.57 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 11.96 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 702.790000000 MHz



Date: 24.MAR.2021 11:59:38

Channel Frequency: 707.50 MHz	SG Mode: Post-AGC	
LTE Band: 12 UL	Channel Bandwidth: 10.0 MHz	Measured 6dB Bandwidth: 9.48 MHz

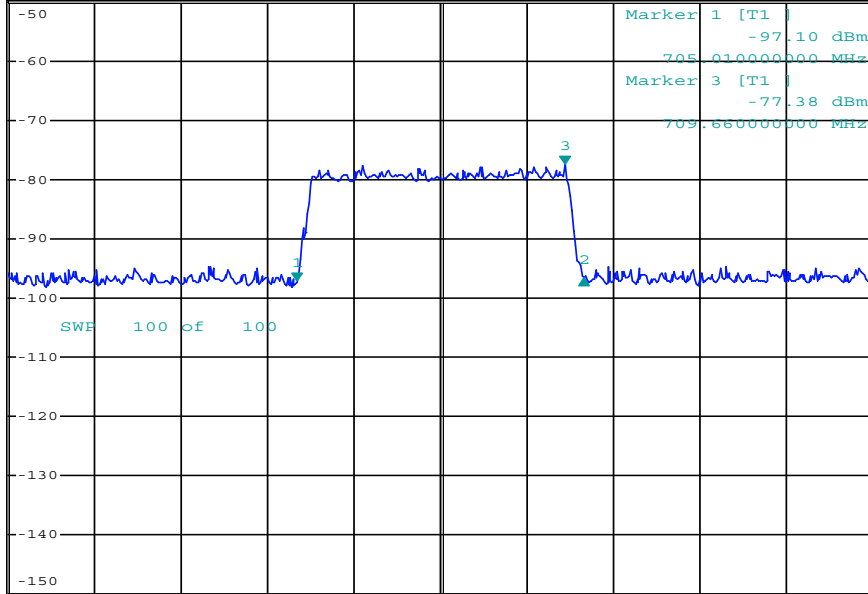
I/O Comparison - SG BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 0.41 dB
 SWT 2.5 ms 4.980000000 MHz

Ref -50 dBm *Att 0 dB

1 PK
 VIEW



Center 707.5 MHz 1.5 MHz/ Span 15 MHz

Date: 24.MAR.2021 12:32:39

Channel Frequency:
707.50 MHz

SG Mode:
Pre-AGC

LTE Band:
12 UL

Channel Bandwidth:
5.0 MHz

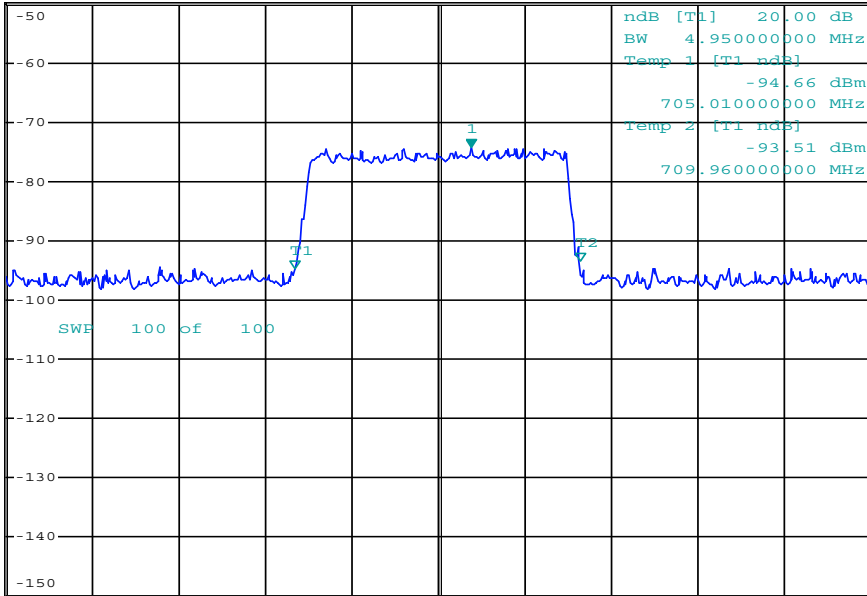
Measured 20dB Bandwidth:
4.98 MHz

I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -74.32 dBm
 Ref -50 dBm *Att 0 dB SWT 2.5 ms 708.070000000 MHz

1 PK
 VIEW



A

3DB

Center 707.5 MHz 1.5 MHz/ Span 15 MHz

Date: 24.MAR.2021 12:28:51

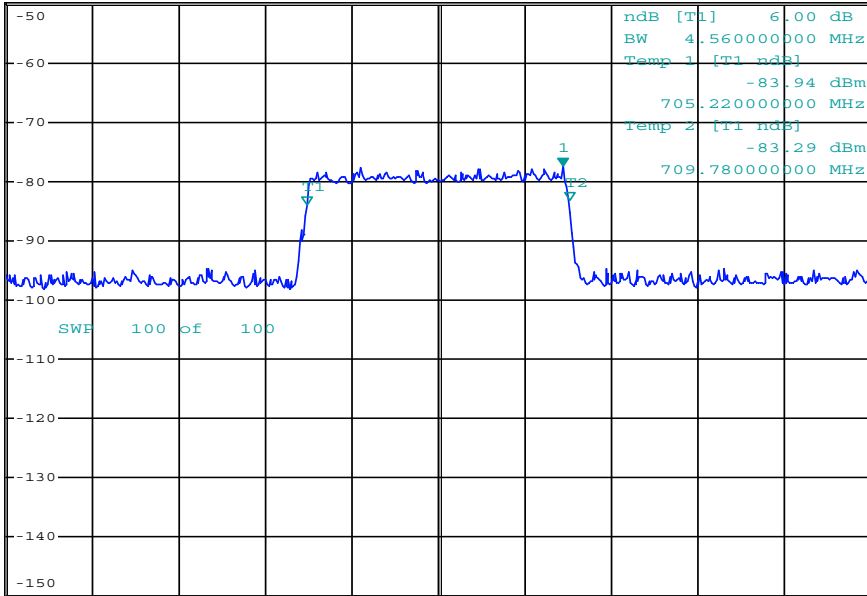
Channel Frequency: 707.50 MHz	SG Mode: Post-AGC	
LTE Band: 12 UL	Channel Bandwidth: 5.0 MHz	Measured 20dB Bandwidth: 4.95 MHz

I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -77.38 dBm
 Ref -50 dBm *Att 0 dB SWT 2.5 ms 709.660000000 MHz

1 PK
 VIEW



Center 707.5 MHz 1.5 MHz/ Span 15 MHz

Date: 24.MAR.2021 12:30:08

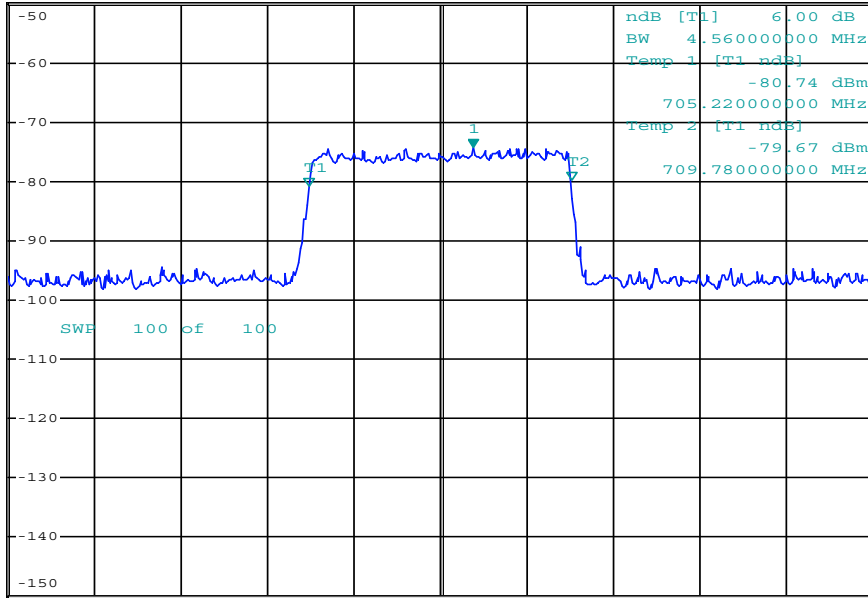
Channel Frequency: 707.50 MHz	SG Mode: Pre-AGC	
LTE Band: 12 UL	Channel Bandwidth: 5.0 MHz	Measured 6dB Bandwidth: 4.56 MHz

I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -74.32 dBm
 Ref -50 dBm *Att 0 dB SWT 2.5 ms 708.070000000 MHz

1 PK
 VIEW



A

3DB

Center 707.5 MHz 1.5 MHz/ Span 15 MHz

Date: 24.MAR.2021 12:28:13

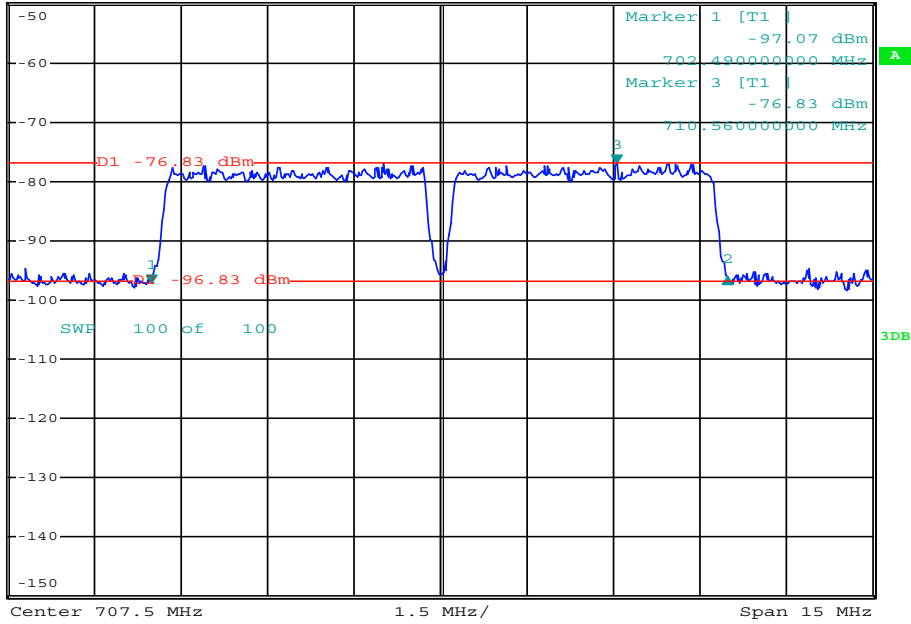
Channel Frequency: 707.50 MHz	SG Mode: Post-AGC	
LTE Band: 12 UL	Channel Bandwidth: 5.0 MHz	Measured 6dB Bandwidth: 4.56 MHz

I/O Comparison - SG BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 0.91 dB
 Ref -50 dBm *Att 0 dB SWT 2.5 ms 9.990000000 MHz

1 PK
 VIEW



Date: 24.MAR.2021 12:26:11

Channel Frequency: 707.50 MHz	SG Mode: Pre-AGC	
LTE Band: 12 UL	Channel Bandwidth: 10.0 MHz	Measured 20dB Bandwidth: 9.99 MHz

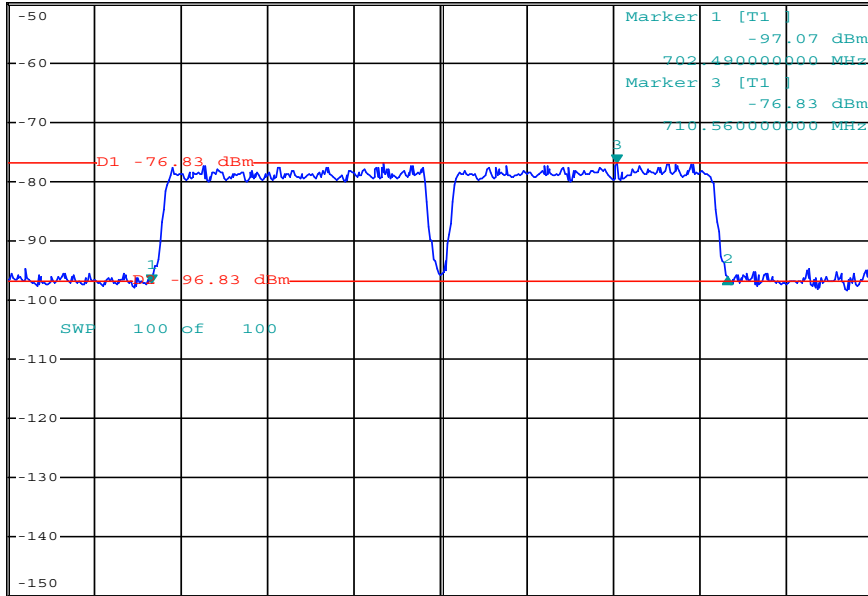
I/O Comparison - SG BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 0.91 dB
 SWT 2.5 ms 9.990000000 MHz

Ref -50 dBm *Att 0 dB

1 PK
VIEW



Center 707.5 MHz 1.5 MHz/ Span 15 MHz

Date: 24.MAR.2021 12:26:11

Channel Frequency:
707.50 MHz

SG Mode:
Post-AGC

LTE Band:
12 UL

Channel Bandwidth:
10.0 MHz

Measured 20dB Bandwidth:
9.99 MHz

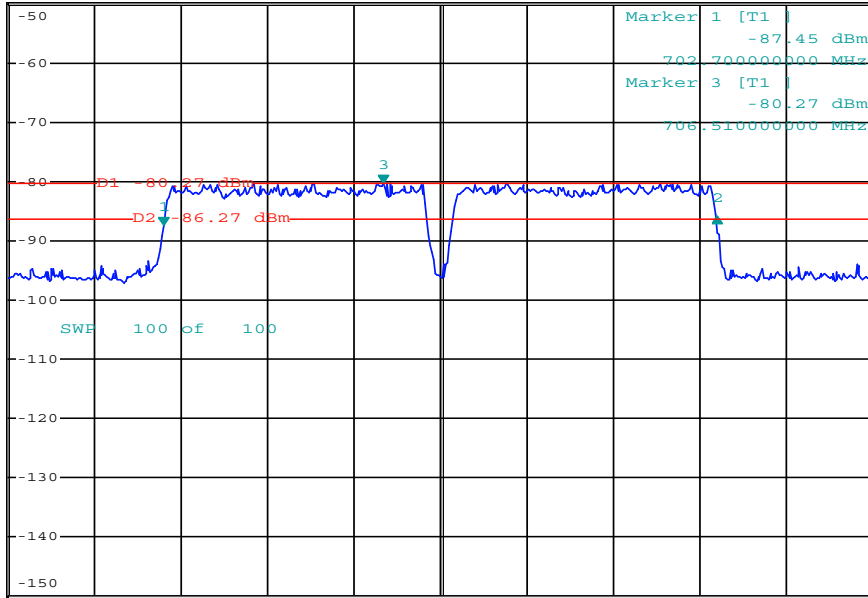
I/O Comparison - SG BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 1.70 dB
 SWT 2.5 ms 9.600000000 MHz

Ref -50 dBm *Att 0 dB

1 PK
 VIEW



Center 707.5 MHz 1.5 MHz/ Span 15 MHz

Date: 24.MAR.2021 12:22:30

Channel Frequency: 707.50 MHz	SG Mode: Pre-AGC	
LTE Band: 12 UL	Channel Bandwidth: 10.0 MHz	Measured 6dB Bandwidth: 9.60 MHz

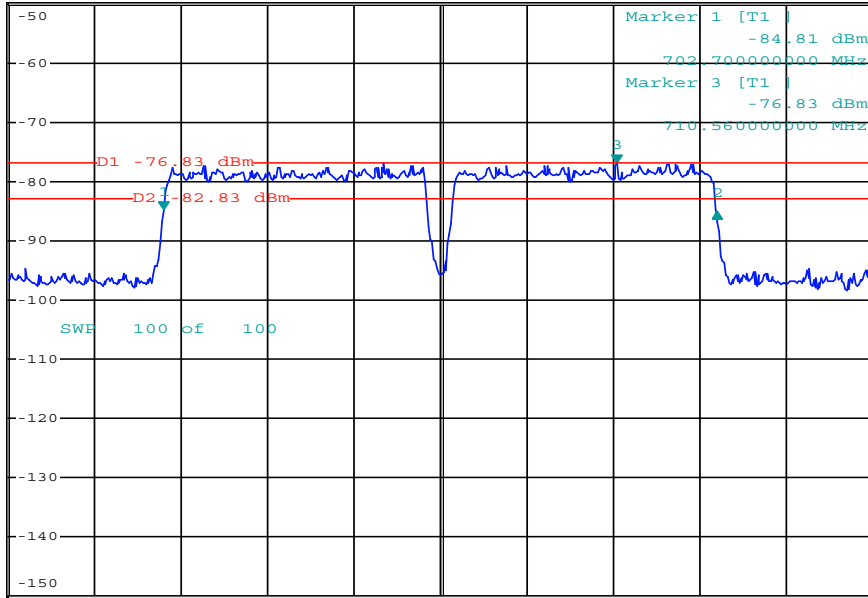
I/O Comparison - SG BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz -0.32 dB
 SWT 2.5 ms 9.600000000 MHz

Ref -50 dBm *Att 0 dB

1 PK
VIEW



Center 707.5 MHz 1.5 MHz/ Span 15 MHz

Date: 24.MAR.2021 12:24:22

Channel Frequency: 707.50 MHz	SG Mode: Post-AGC	
LTE Band: 12 UL	Channel Bandwidth: 10.0 MHz	Measured 6dB Bandwidth: 9.60 MHz

IO Comparison Measurement Results (26dB BW)							
Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Measured DUT Bandwidth (MHz)	Measured SG* Bandwidth (MHz)	Delta BW (%)	Limit (%)
782	13	UL	Pre-AGC	5	4.76	n/a	5.0
			Post-AGC		4.76	n/a	
			10	Pre-AGC	9.84	n/a	
				Post-AGC	9.56	n/a	
						n/a	

* The 26dB BW of the SG signal could not be ascertained

IO Comparison Measurement Results (20dB BW)								
Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Measured DUT Bandwidth (MHz)	Measured SG Bandwidth (MHz)	Delta BW (%)	Limit (%)	
782	13	UL	Pre-AGC	5	4.72	4.74	-0.4	5.0
			Post-AGC		4.72	4.72	0.0	
			10	Pre-AGC	9.76	9.84	-0.8	
				Post-AGC	9.76	9.76	0.0	
						Complies		

Delta BW = (DUT BW - SG BW) / SG BW in percent. Positive indicates a growth in DUT BW.

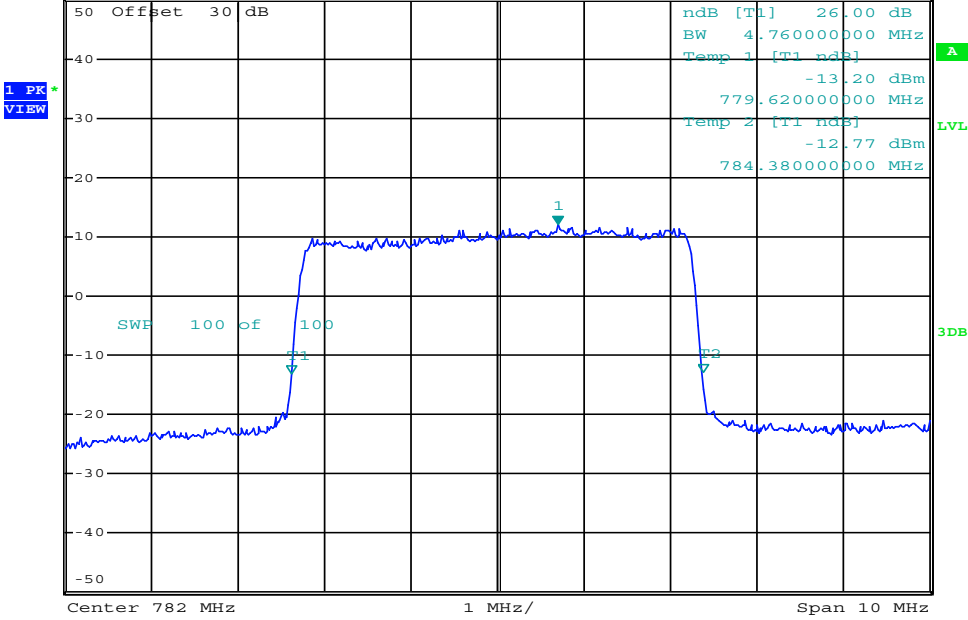
IO Comparison Measurement Results (6dB BW)								
Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Measured DUT Bandwidth (MHz)	Measured SG Bandwidth (MHz)	Delta BW (%)	Limit (%)	
782	13	UL	Pre-AGC	5	4.50	4.54	-0.9	5.0
			Post-AGC		4.50	4.54	-0.9	
			10	Pre-AGC	9.56	9.60	-0.4	
				Post-AGC	9.56	9.60	-0.4	
						Complies		

Delta BW = (DUT BW - SG BW) / SG BW in percent. Positive indicates a growth in DUT BW.

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 11.96 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 782.700000000 MHz



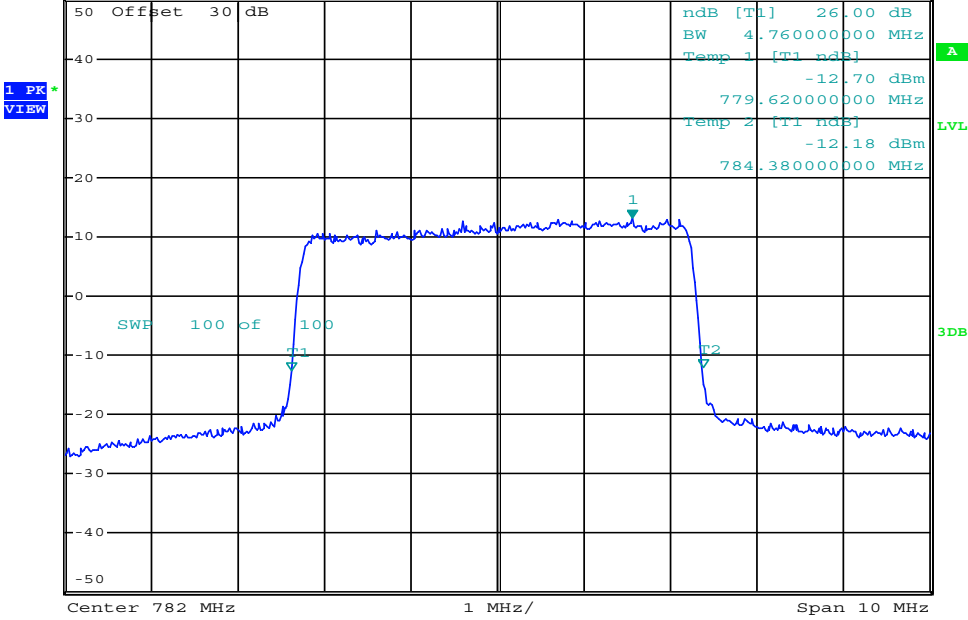
Date: 26.MAR.2021 09:20:20

Channel Frequency: 782.00 MHz	SG Mode: Pre-AGC	
LTE Band: 13 UL	Channel Bandwidth: 5.0 MHz	Measured 26dB Bandwidth: 4.76 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 13.11 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 783.560000000 MHz



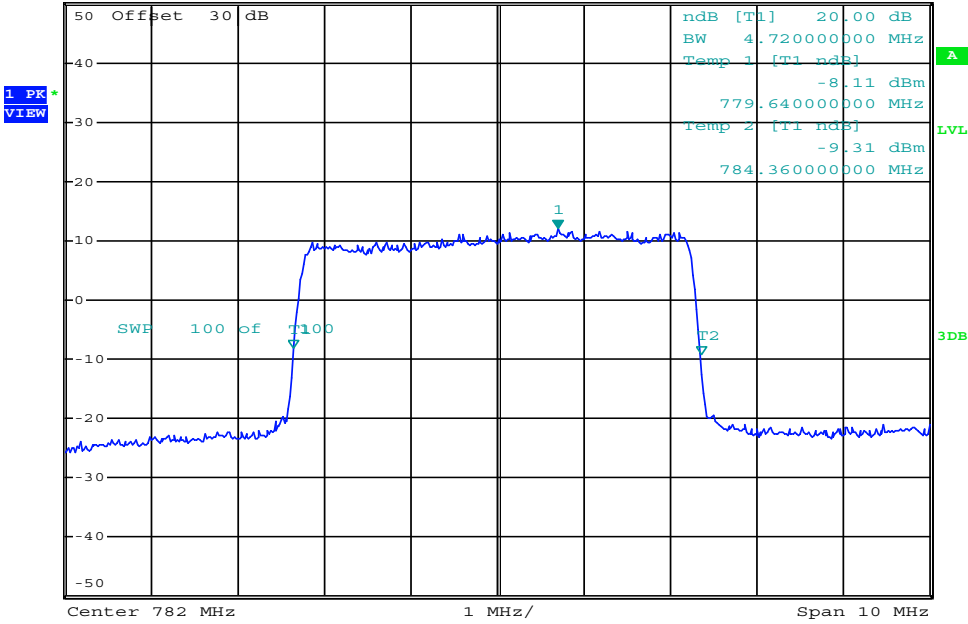
Date: 26.MAR.2021 09:24:05

Channel Frequency: 782.00 MHz	SG Mode: Post-AGC
LTE Band: 13 UL	Channel Bandwidth: 5.0 MHz
	Measured 26dB Bandwidth: 4.76 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 11.96 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 782.700000000 MHz



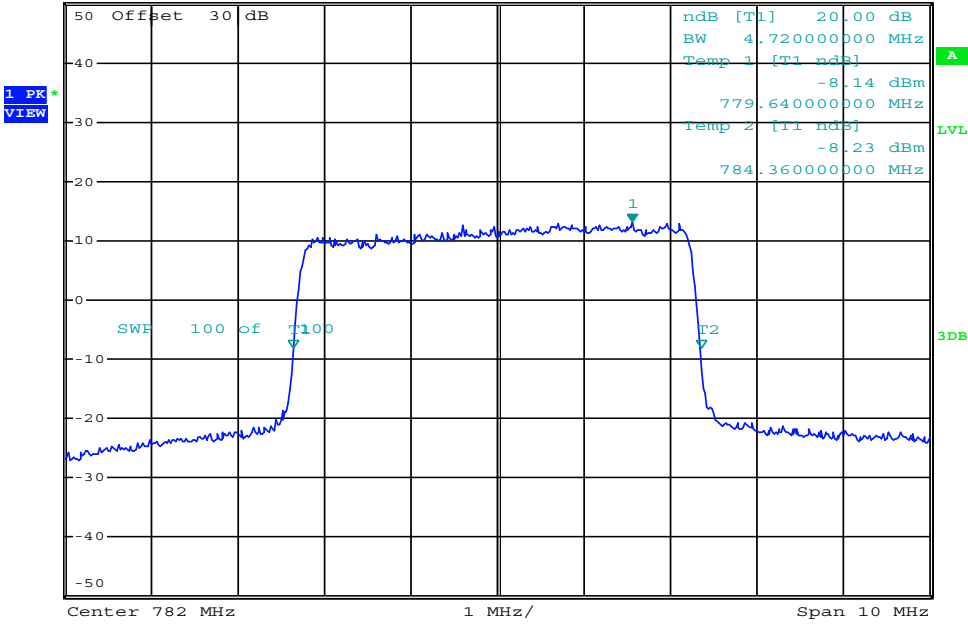
Date: 26.MAR.2021 09:20:43

Channel Frequency: 782.00 MHz	SG Mode: Pre-AGC	
LTE Band: 13 UL	Channel Bandwidth: 5.0 MHz	Measured 20dB Bandwidth: 4.72 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 13.11 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 783.560000000 MHz



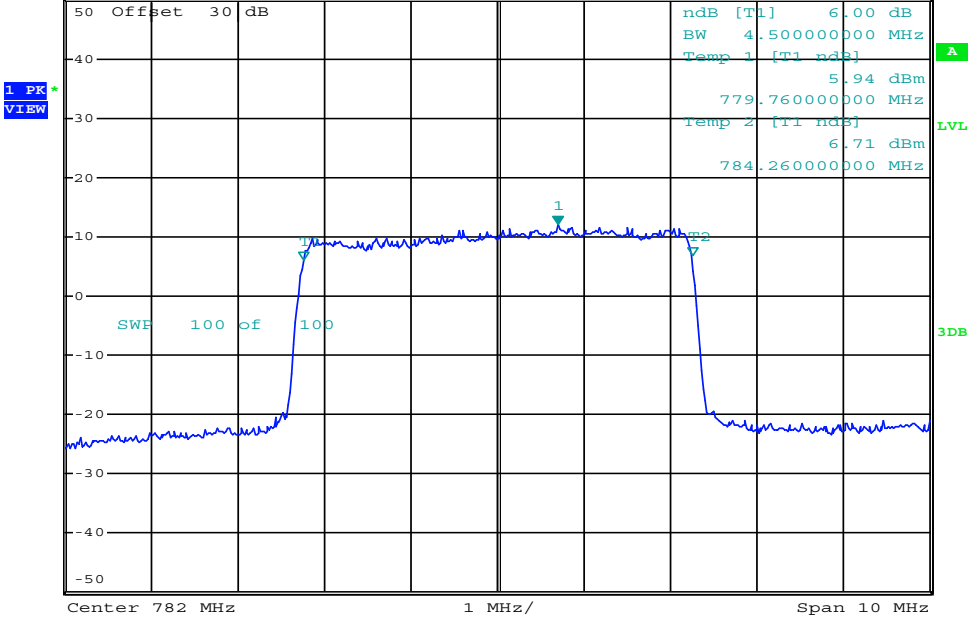
Date: 26.MAR.2021 09:24:55

Channel Frequency: 782.00 MHz	SG Mode: Post-AGC
LTE Band: 13 UL	Channel Bandwidth: 5.0 MHz
	Measured 20dB Bandwidth: 4.72 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 11.96 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 782.700000000 MHz



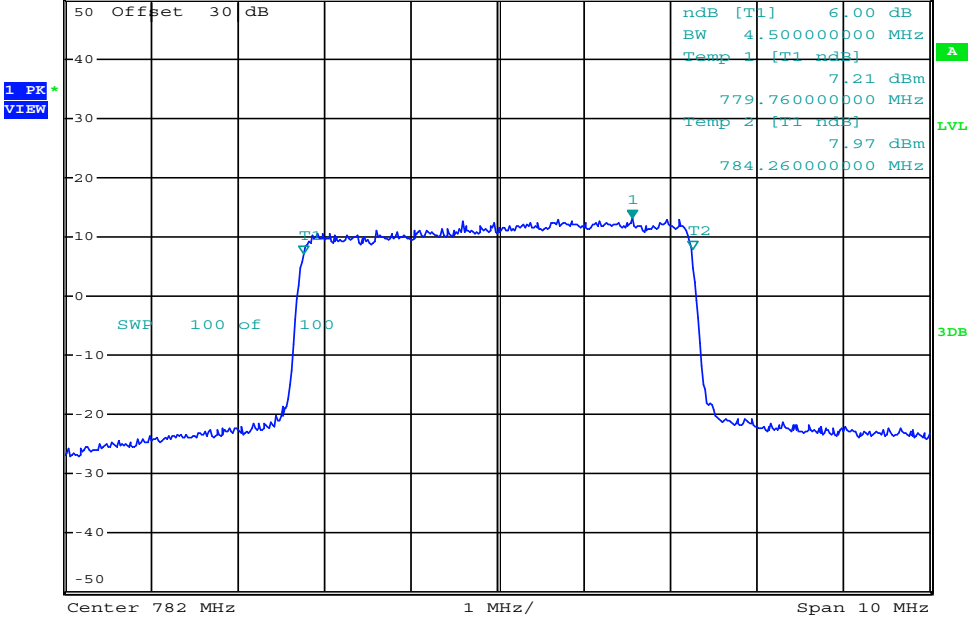
Date: 26.MAR.2021 09:21:08

Channel Frequency: 782.00 MHz	SG Mode: Pre-AGC	
LTE Band: 13 UL	Channel Bandwidth: 5.0 MHz	Measured 6dB Bandwidth: 4.50 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 13.11 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 783.560000000 MHz



Date: 26.MAR.2021 09:25:16

Channel Frequency: 782.00 MHz	SG Mode: Post-AGC
LTE Band: 13 UL	Channel Bandwidth: 5.0 MHz
	Measured 6dB Bandwidth: 4.50 MHz

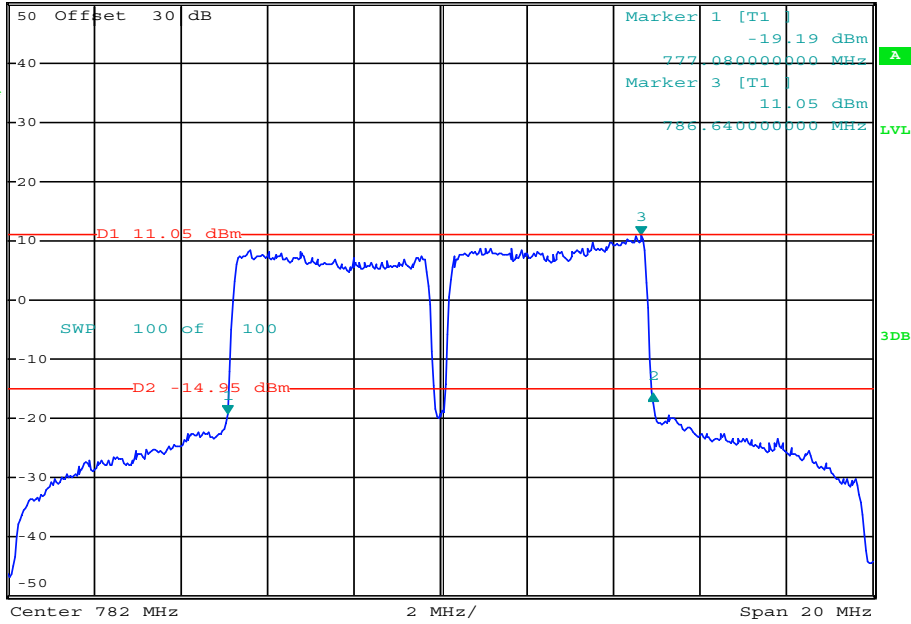
I/O Comparison - DUT BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 3.52 dB
 SWT 2.5 ms 9.840000000 MHz

Ref 50 dBm *Att 20 dB

1 PK*
 VIEW



Date: 26.MAR.2021 09:35:06

Channel Frequency: 782.00 MHz	SG Mode: Pre-AGC	
LTE Band: 13 UL	Channel Bandwidth: 10.0 MHz	Measured 26dB Bandwidth: 9.84 MHz

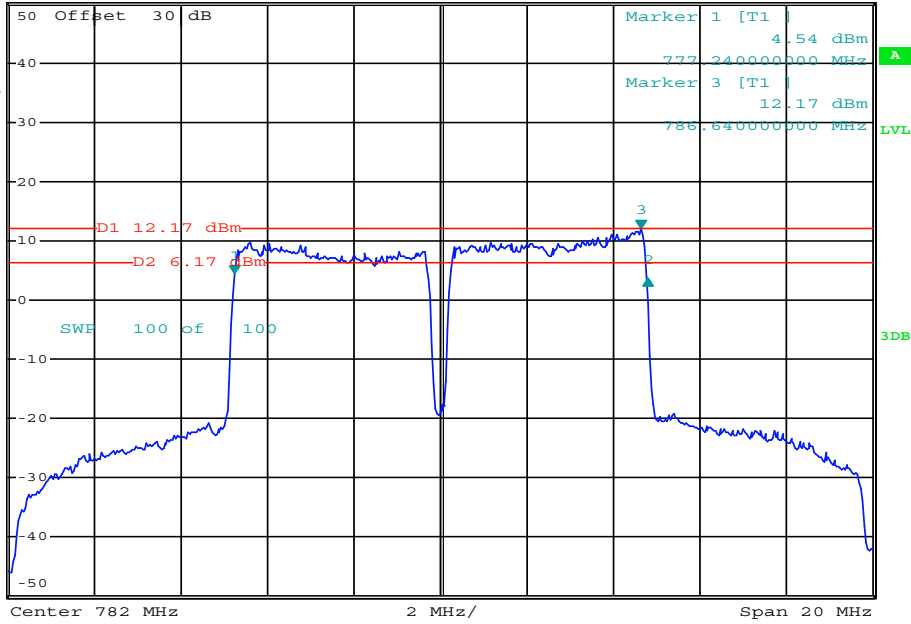
I/O Comparison - DUT BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz -0.82 dB
 SWT 2.5 ms 9.560000000 MHz

Ref 50 dBm *Att 20 dB

1 PK*
 VIEW



Date: 26.MAR.2021 09:28:20

Channel Frequency:
782.00 MHz

SG Mode:
Post-AGC

LTE Band:
13 UL

Channel Bandwidth:
10.0 MHz

Measured 26dB Bandwidth:
9.56 MHz

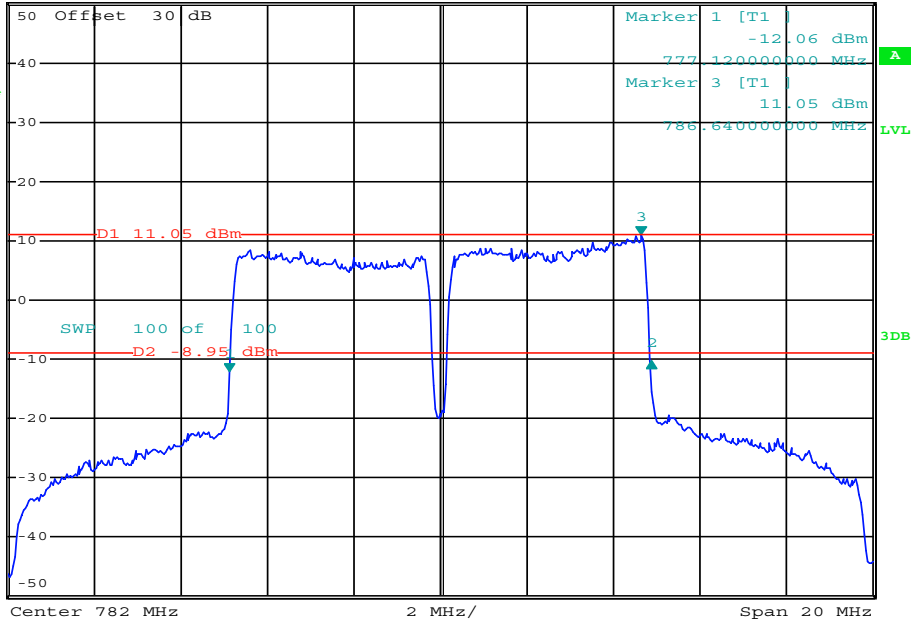
I/O Comparison - DUT BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 1.86 dB
 SWT 2.5 ms 9.760000000 MHz

Ref 50 dBm *Att 20 dB

1 PK*
 VIEW



Date: 26.MAR.2021 09:36:04

Channel Frequency: 782.00 MHz	SG Mode: Pre-AGC	
LTE Band: 13 UL	Channel Bandwidth: 10.0 MHz	Measured 20dB Bandwidth: 9.76 MHz

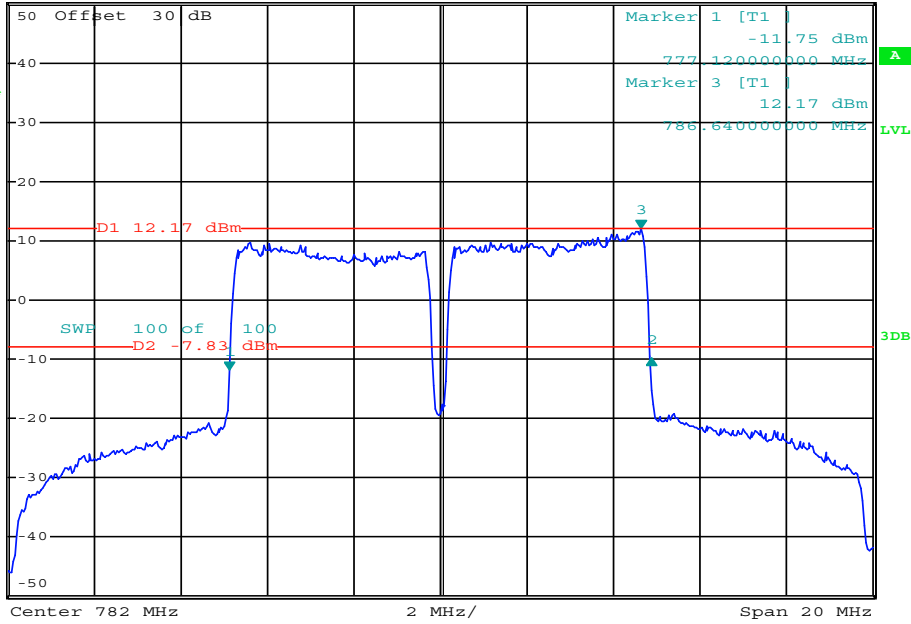
I/O Comparison - DUT BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 2.13 dB
 SWT 2.5 ms 9.760000000 MHz

Ref 50 dBm *Att 20 dB

1 PK*
 VIEW



Date: 26.MAR.2021 09:29:24

Channel Frequency:
782.00 MHz

SG Mode:
Post-AGC

LTE Band:
13 UL

Channel Bandwidth:
10.0 MHz

Measured 20dB Bandwidth:
9.76 MHz

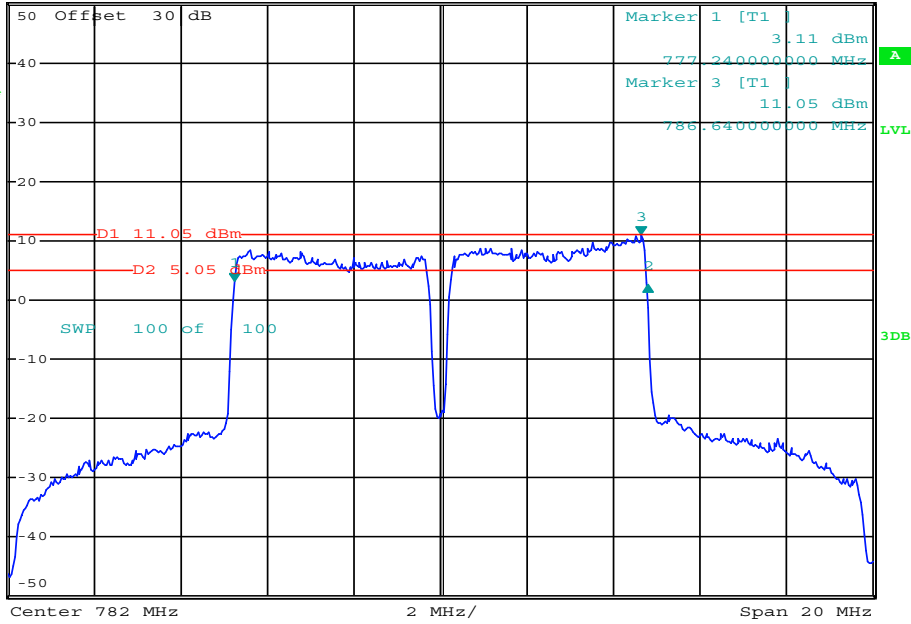
I/O Comparison - DUT BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz -0.44 dB
 SWT 2.5 ms 9.560000000 MHz

Ref 50 dBm *Att 20 dB

1 PK*
 VIEW



Date: 26.MAR.2021 09:36:48

Channel Frequency: 782.00 MHz	SG Mode: Pre-AGC	
LTE Band: 13 UL	Channel Bandwidth: 10.0 MHz	Measured 6dB Bandwidth: 9.56 MHz

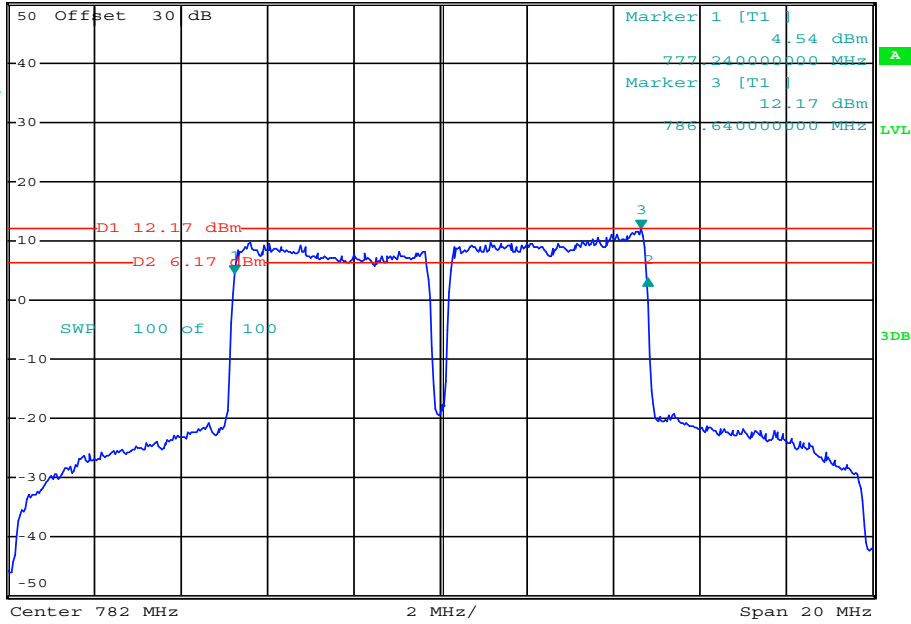
I/O Comparison - DUT BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz -0.82 dB
 SWT 2.5 ms 9.560000000 MHz

Ref 50 dBm *Att 20 dB

1 PK*
 VIEW



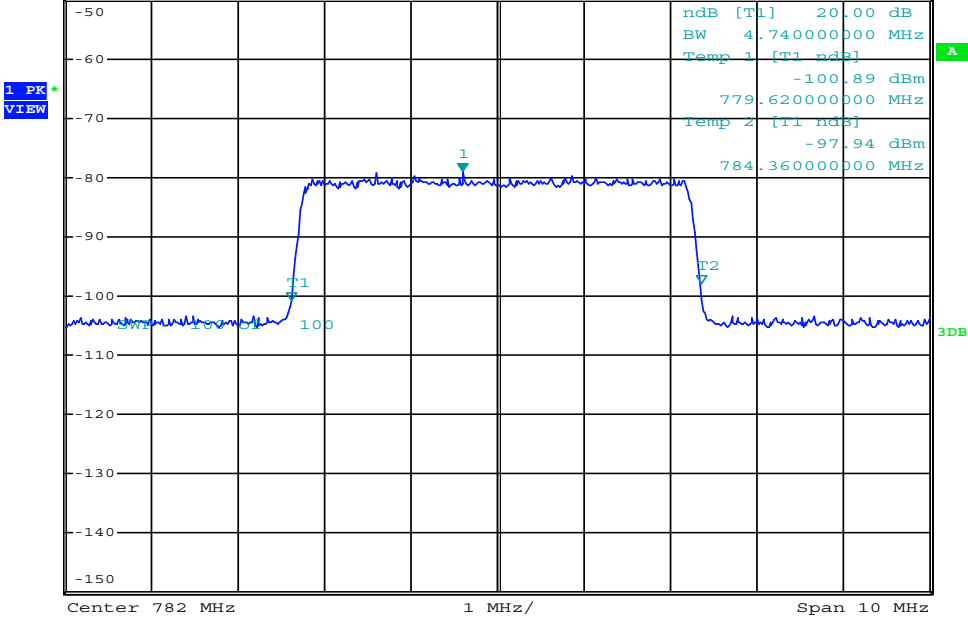
Date: 26.MAR.2021 09:28:20

Channel Frequency: 782.00 MHz	SG Mode: Post-AGC	
LTE Band: 13 UL	Channel Bandwidth: 10.0 MHz	Measured 6dB Bandwidth: 9.56 MHz

I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -79.12 dBm
 Ref -50 dBm *Att 0 dB SWT 2.5 ms 781.600000000 MHz



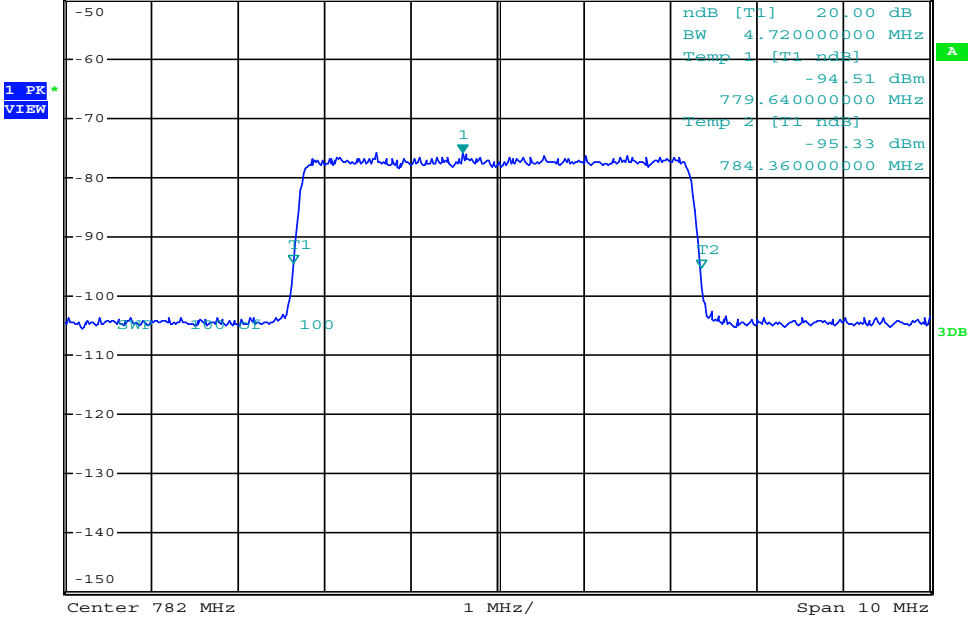
Date: 26.MAR.2021 09:54:50

Channel Frequency: 782.00 MHz	SG Mode: Pre-AGC
LTE Band: 13 UL	Channel Bandwidth: 5.0 MHz
	Measured 20dB Bandwidth: 4.74 MHz

I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -75.92 dBm
 Ref -50 dBm *Att 0 dB SWT 2.5 ms 781.600000000 MHz



Date: 26.MAR.2021 09:52:55

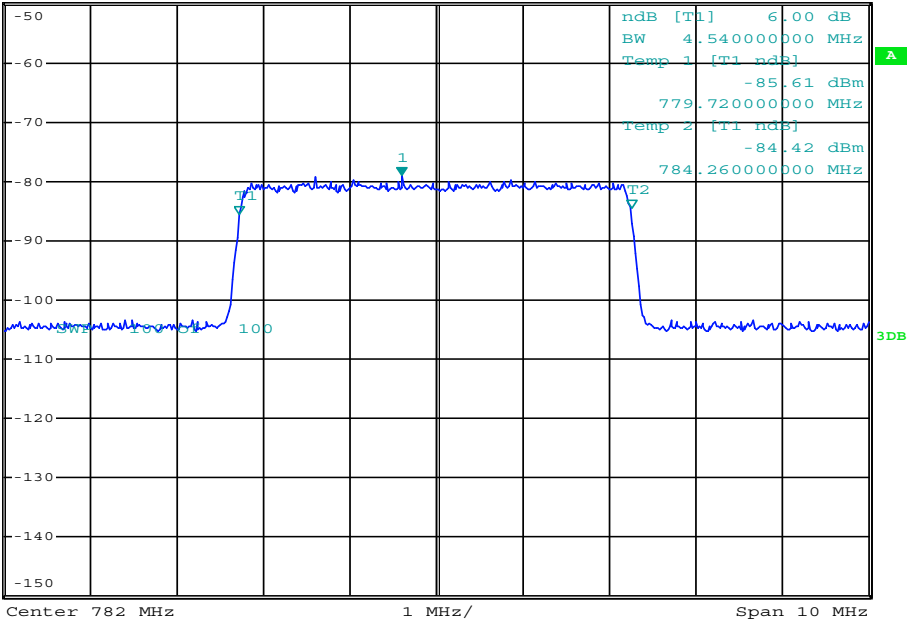
Channel Frequency: 782.00 MHz	SG Mode: Post-AGC	
LTE Band: 13 UL	Channel Bandwidth: 5.0 MHz	Measured 20dB Bandwidth: 4.72 MHz

I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -79.12 dBm
 Ref -50 dBm *Att 0 dB 781.600000000 MHz
 SWT 2.5 ms

1 PK*
 VIEW



Date: 26.MAR.2021 09:54:22

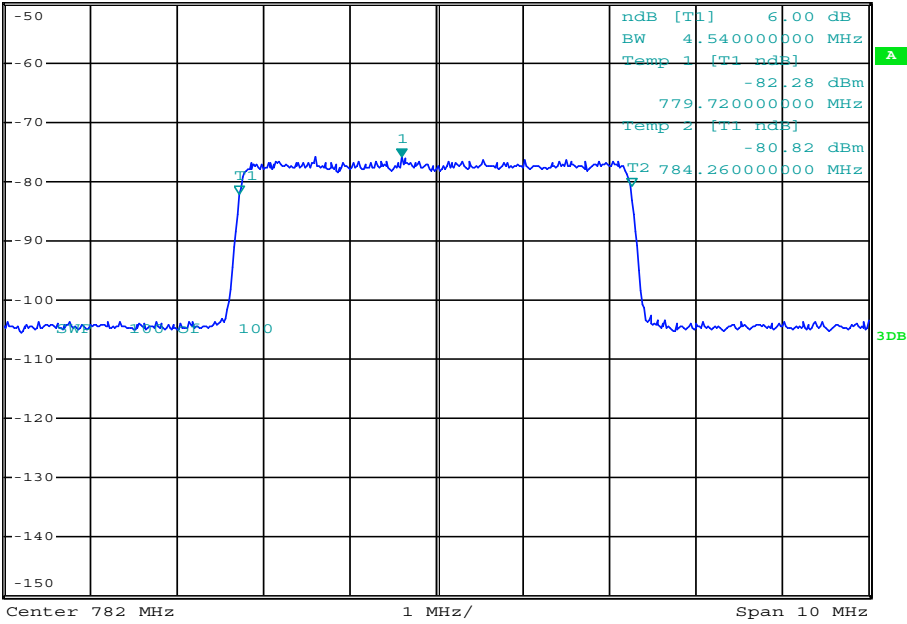
Channel Frequency: 782.00 MHz	SG Mode: Pre-AGC	
LTE Band: 13 UL	Channel Bandwidth: 5.0 MHz	Measured 6dB Bandwidth: 4.54 MHz

I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -75.92 dBm
 Ref -50 dBm *Att 0 dB SWT 2.5 ms 781.600000000 MHz

1 PK*
 VIEW



Date: 26.MAR.2021 09:53:27

Channel Frequency: 782.00 MHz	SG Mode: Post-AGC	
LTE Band: 13 UL	Channel Bandwidth: 5.0 MHz	Measured 6dB Bandwidth: 4.54 MHz

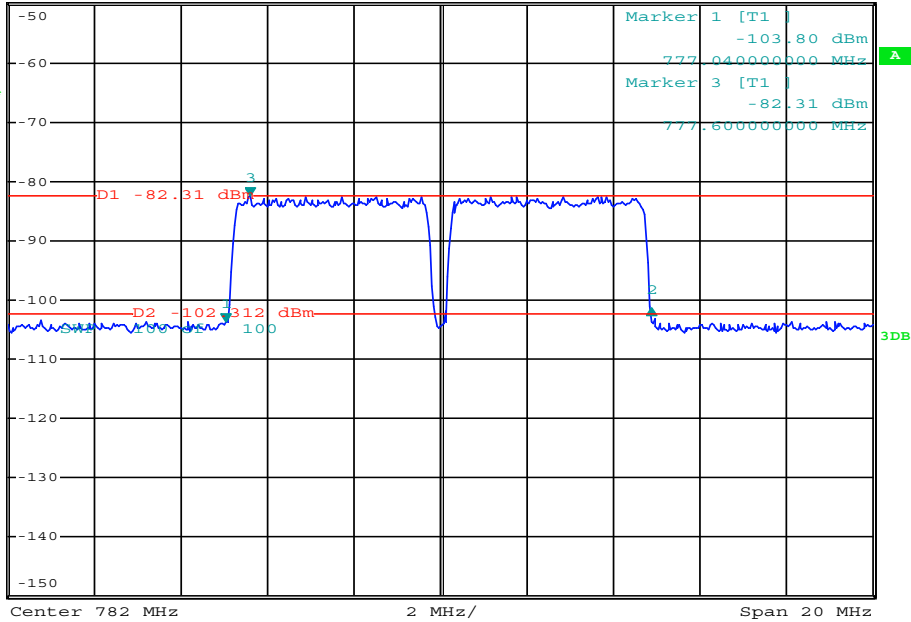
I/O Comparison - SG BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 2.42 dB
 SWT 2.5 ms 9.840000000 MHz

Ref -50 dBm *Att 0 dB

1 PK*
 VIEW



Date: 26.MAR.2021 09:48:14

Channel Frequency: 782.00 MHz	SG Mode: Pre-AGC	
LTE Band: 13 UL	Channel Bandwidth: 10.0 MHz	Measured 20dB Bandwidth: 9.84 MHz

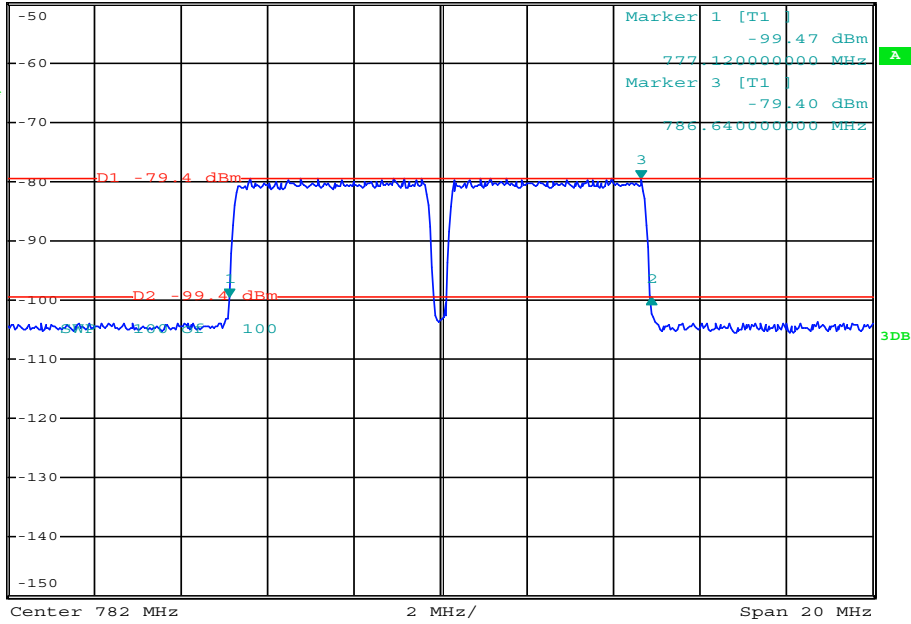
I/O Comparison - SG BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz -0.03 dB
 SWT 2.5 ms 9.760000000 MHz

Ref -50 dBm *Att 0 dB

1 PK*
 VIEW



Date: 26.MAR.2021 09:49:51

Channel Frequency:
782.00 MHz

SG Mode:
Post-AGC

LTE Band:
13 UL

Channel Bandwidth:
10.0 MHz

Measured 20dB Bandwidth:
9.76 MHz

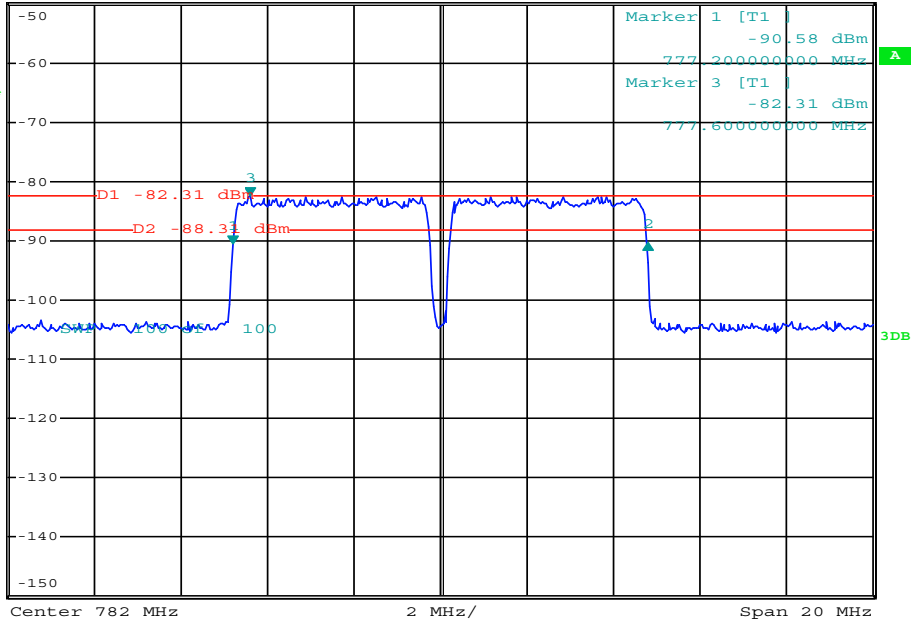
I/O Comparison - SG BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 0.42 dB
 SWT 2.5 ms 9.600000000 MHz

Ref -50 dBm *Att 0 dB

1 PK*
 VIEW



Date: 26.MAR.2021 09:47:24

Channel Frequency: 782.00 MHz	SG Mode: Pre-AGC	
LTE Band: 13 UL	Channel Bandwidth: 10.0 MHz	Measured 6dB Bandwidth: 9.60 MHz

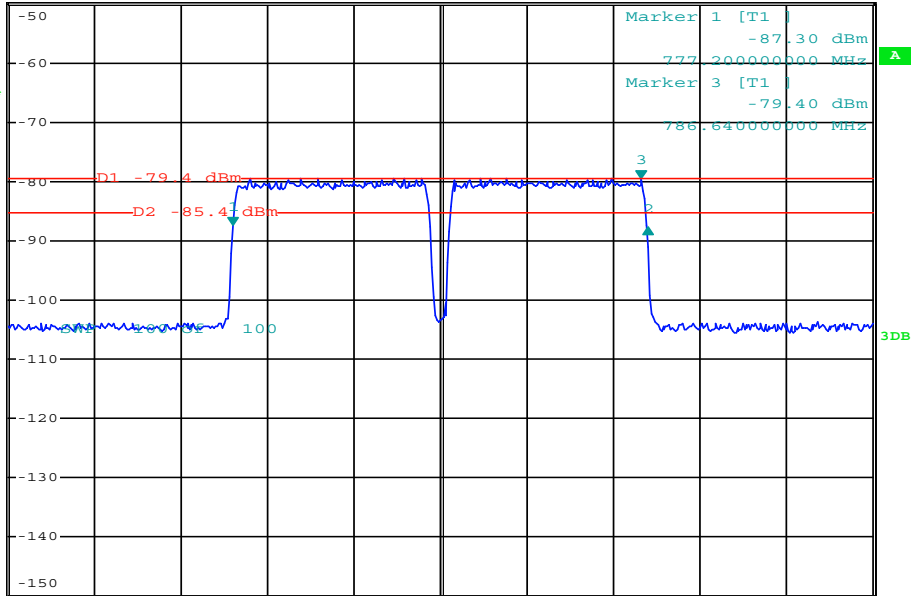
I/O Comparison - SG BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz -0.43 dB
 SWT 2.5 ms 9.600000000 MHz

Ref -50 dBm *Att 0 dB

1 PK*
 VIEW



Center 782 MHz 2 MHz/ Span 20 MHz

Date: 26.MAR.2021 09:50:39

Channel Frequency: 782.00 MHz	SG Mode: Post-AGC	
LTE Band: 13 UL	Channel Bandwidth: 10.0 MHz	Measured 6dB Bandwidth: 9.60 MHz

IO Comparison Measurement Results (26dB BW)							
Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Measured DUT Bandwidth (MHz)	Measured SG* Bandwidth (MHz)	Delta BW (%)	Limit (%)
742	12 & 13 DL	Pre-AGC	5	5.10	n/a	-	5.0
		Post-AGC		5.10	n/a	-	
		Pre-AGC	10	10.04	n/a	-	
		Post-AGC		10.08	n/a	-	
						n/a	

* The 26dB BW of the SG signal could not be ascertained

IO Comparison Measurement Results (20dB BW)							
Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Measured DUT Bandwidth (MHz)	Measured SG Bandwidth (MHz)	Delta BW (%)	Limit (%)
742	12 & 13 DL	Pre-AGC	5	4.92	4.95	-0.6	5.0
		Post-AGC		4.92	4.95	-0.6	
		Pre-AGC	10	9.88	9.92	-0.4	
		Post-AGC		9.90	9.92	-0.2	
						Complies	

Delta BW = (DUT BW - SG BW) / SG BW in percent. Positive indicates a growth in DUT BW.

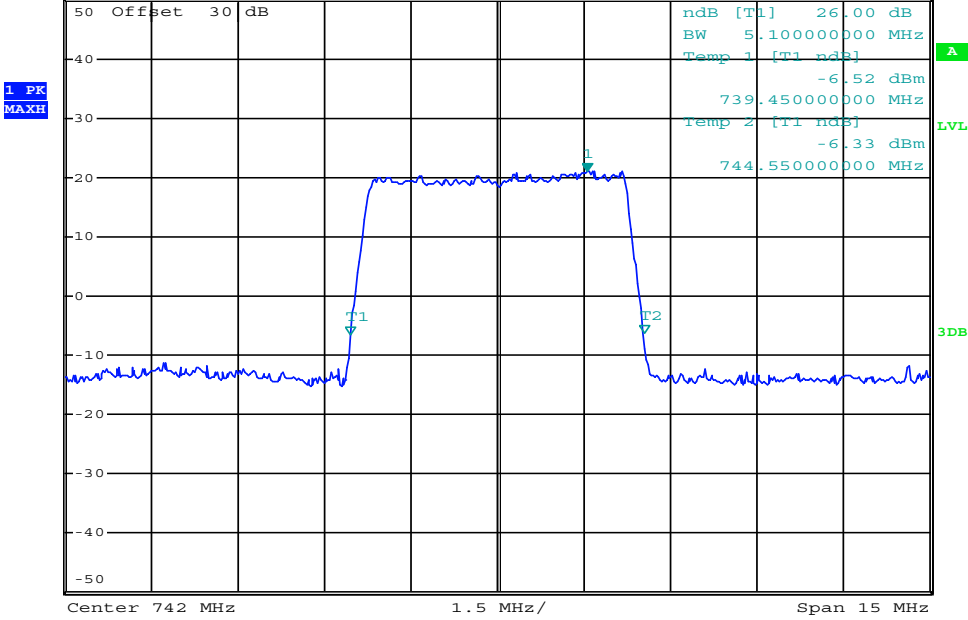
IO Comparison Measurement Results (6dB BW)							
Channel Frequency (MHz)	LTE Band	SG Mode	Nominal Channel BW (MHz)	Measured DUT Bandwidth (MHz)	Measured SG Bandwidth (MHz)	Delta BW (%)	Limit (%)
742	12 & 13 DL	Pre-AGC	5	4.59	4.56	0.7	5.0
		Post-AGC		4.59	4.54	1.1	
		Pre-AGC	10	9.56	9.56	0.0	
		Post-AGC		9.60	9.60	0.0	
						Complies	

Delta BW = (DUT BW - SG BW) / SG BW in percent. Positive indicates a growth in DUT BW.

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 21.11 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 743.560000000 MHz



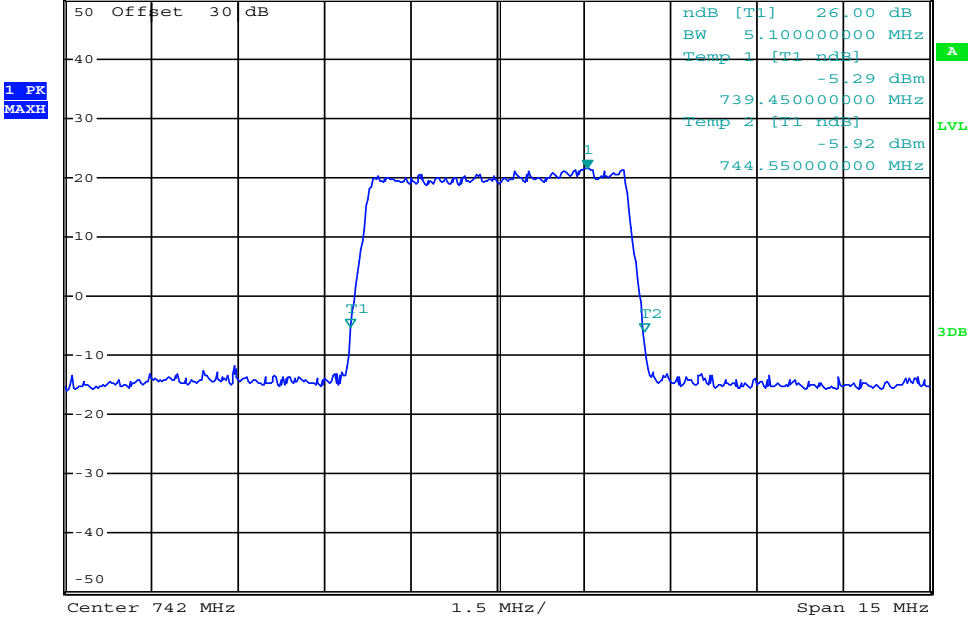
Date: 17.MAR.2021 09:19:22

Channel Frequency: 742.00 MHz	SG Mode: Pre-AGC
LTE Band: 12 & 13 DL	Channel Bandwidth: 5.0 MHz
	Measured 26dB Bandwidth: 5.10 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 21.58 dBm
 Ref 50 dBm *Att 40 dB SWT 2.5 ms 743.560000000 MHz



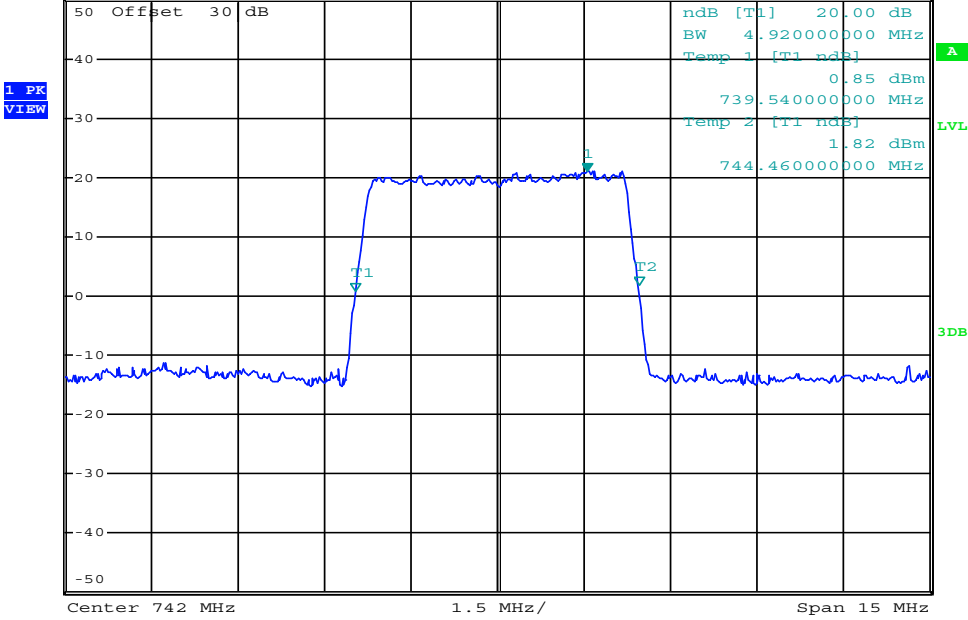
Date: 17.MAR.2021 10:39:40

Channel Frequency: 742.00 MHz	SG Mode: Post-AGC
LTE Band: 12 & 13 DL	Channel Bandwidth: 5.0 MHz
Measured 26dB Bandwidth: 5.10 MHz	

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 21.11 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 743.560000000 MHz



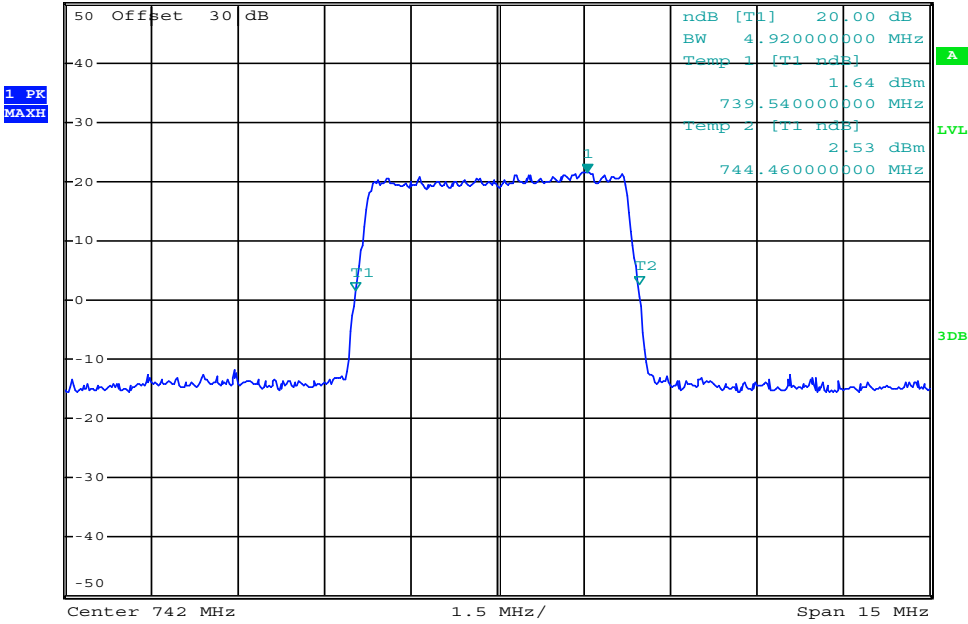
Date: 17.MAR.2021 09:24:57

Channel Frequency: 742.00 MHz	SG Mode: Pre-AGC
LTE Band: 12 & 13 DL	Channel Bandwidth: 5.0 MHz
	Measured 20dB Bandwidth: 4.92 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 21.58 dBm
 Ref 50 dBm *Att 40 dB SWT 2.5 ms 743.560000000 MHz



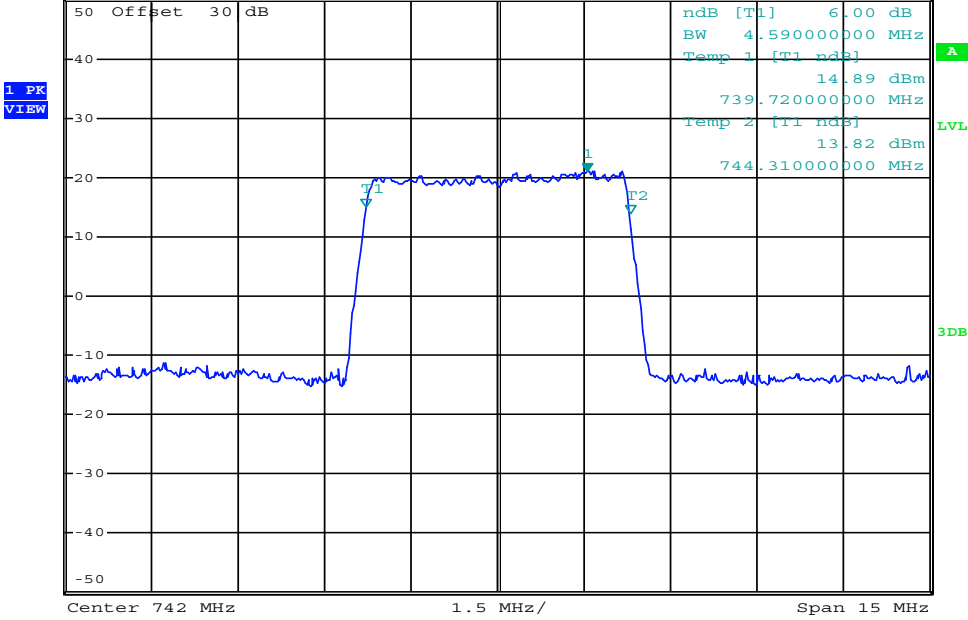
Date: 17.MAR.2021 10:40:22

Channel Frequency: 742.00 MHz	SG Mode: Post-AGC
LTE Band: 12 & 13 DL	Channel Bandwidth: 5.0 MHz
	Measured 20dB Bandwidth: 4.92 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 21.11 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 743.560000000 MHz



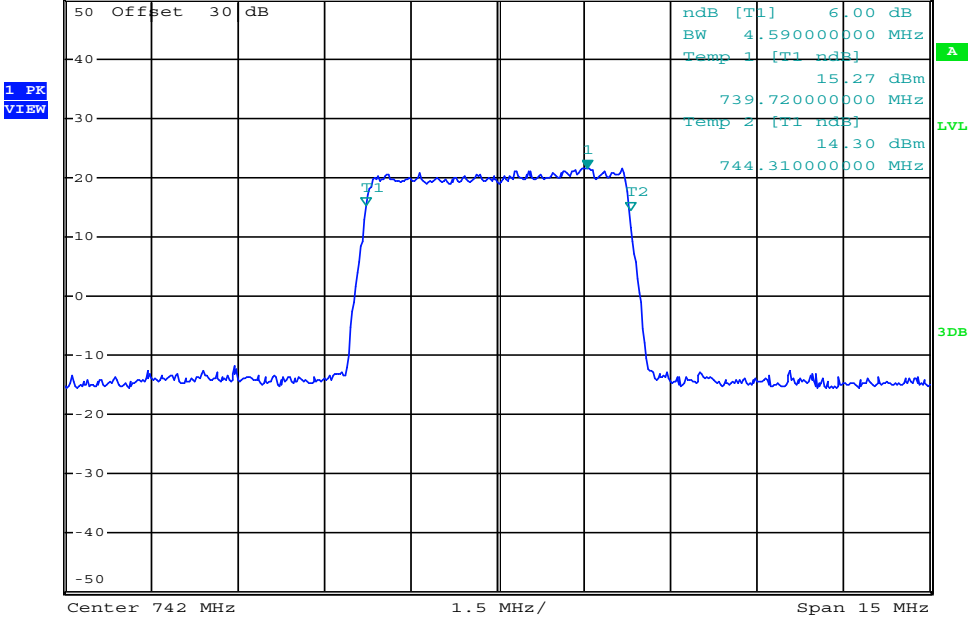
Date: 17.MAR.2021 09:26:08

Channel Frequency: 742.00 MHz	SG Mode: Pre-AGC
LTE Band: 12 & 13 DL	Channel Bandwidth: 5.0 MHz
	Measured 6dB Bandwidth: 4.59 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 21.58 dBm
 Ref 50 dBm *Att 40 dB SWT 2.5 ms 743.560000000 MHz



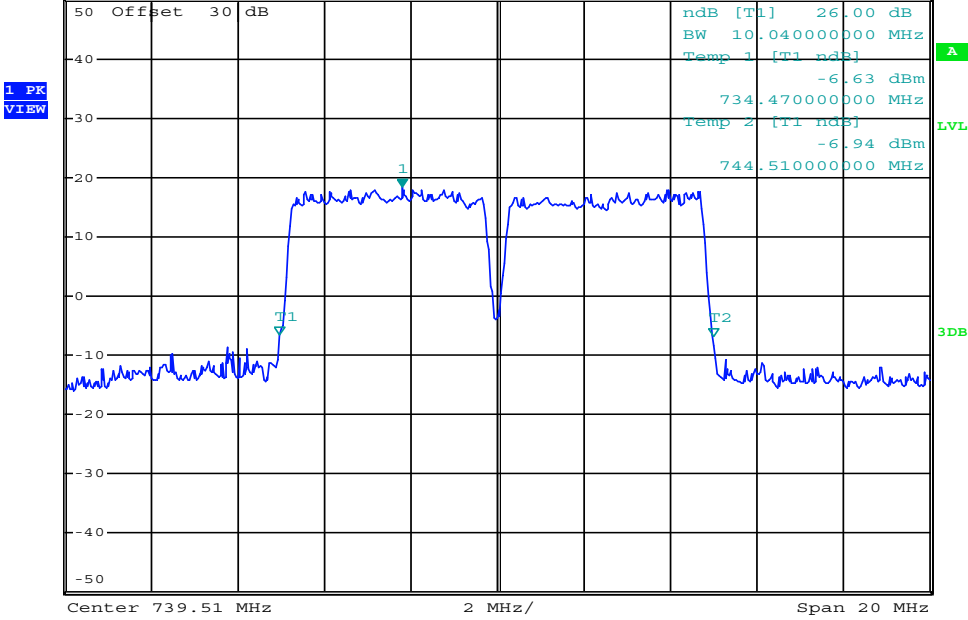
Date: 17.MAR.2021 10:41:19

Channel Frequency: 742.00 MHz	SG Mode: Post-AGC	
LTE Band: 12 & 13 DL	Channel Bandwidth: 5.0 MHz	Measured 6dB Bandwidth: 4.59 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 18.34 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 737.310000000 MHz



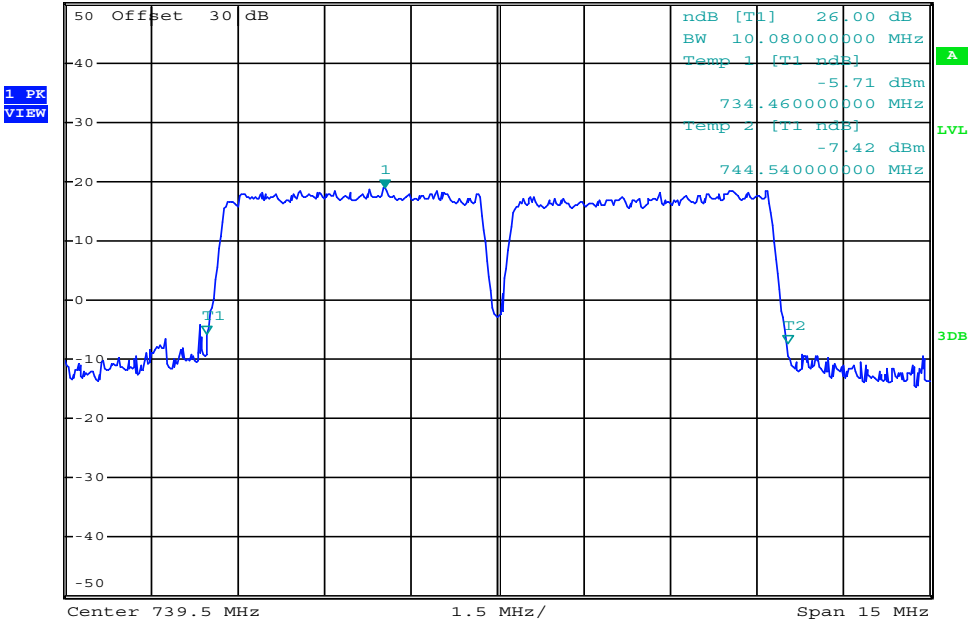
Date: 17.MAR.2021 09:58:03

Channel Frequency: 742.00 MHz	SG Mode: Pre-AGC	
LTE Band: 12 & 13 DL	Channel Bandwidth: 10.0 MHz	Measured 26dB Bandwidth: 10.04 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 18.90 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 737.550000000 MHz



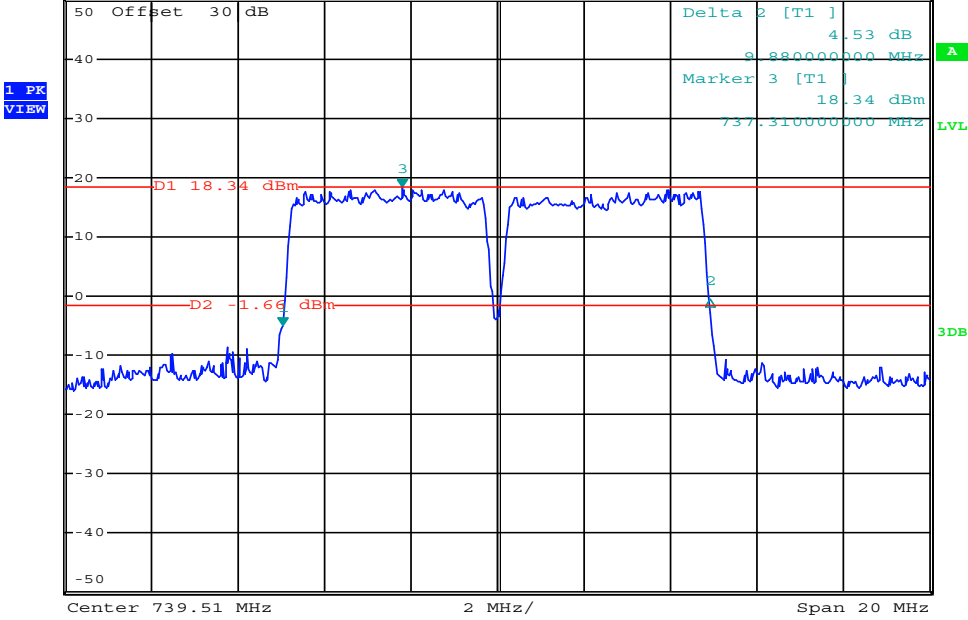
Date: 17.MAR.2021 10:45:38

Channel Frequency: 742.00 MHz	SG Mode: Post-AGC	
LTE Band: 12 & 13 DL	Channel Bandwidth: 10.0 MHz	Measured 26dB Bandwidth: 10.08 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -5.07 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 734.550000000 MHz



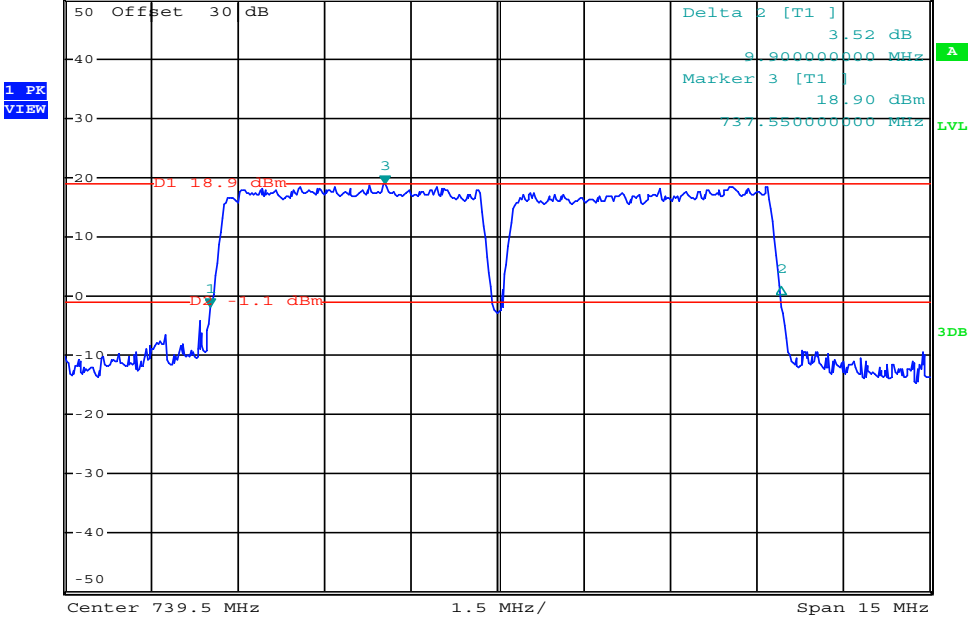
Date: 17.MAR.2021 10:00:36

Channel Frequency: 742.00 MHz	SG Mode: Pre-AGC	
LTE Band: 12 & 13 DL	Channel Bandwidth: 10.0 MHz	Measured 20dB Bandwidth: 9.88 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -1.86 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 734.520000000 MHz



Date: 17.MAR.2021 10:47:12

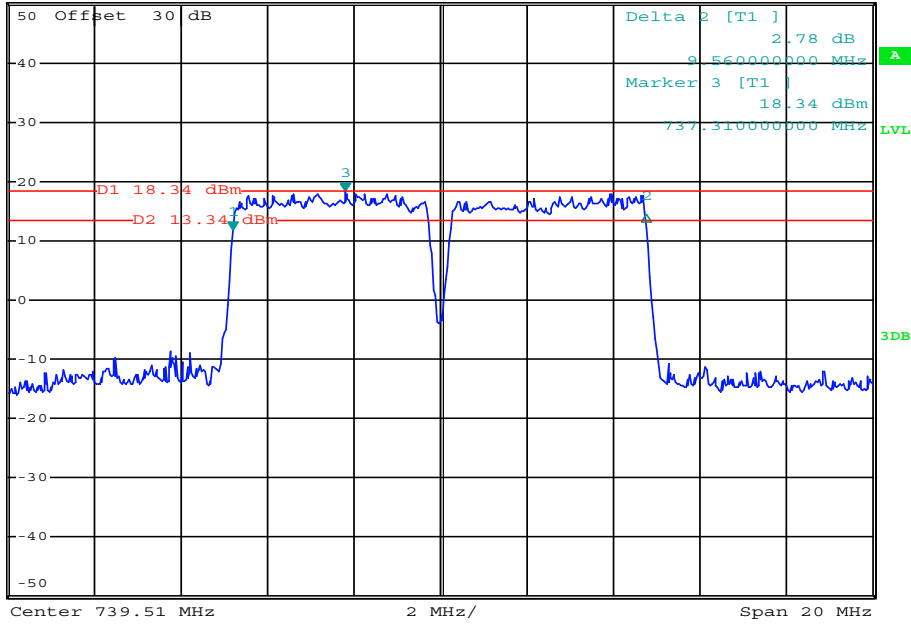
Channel Frequency: 742.00 MHz	SG Mode: Post-AGC	
LTE Band: 12 & 13 DL	Channel Bandwidth: 10.0 MHz	Measured 20dB Bandwidth: 9.90 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 11.69 dBm
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 734.710000000 MHz

1 PK
VIEW



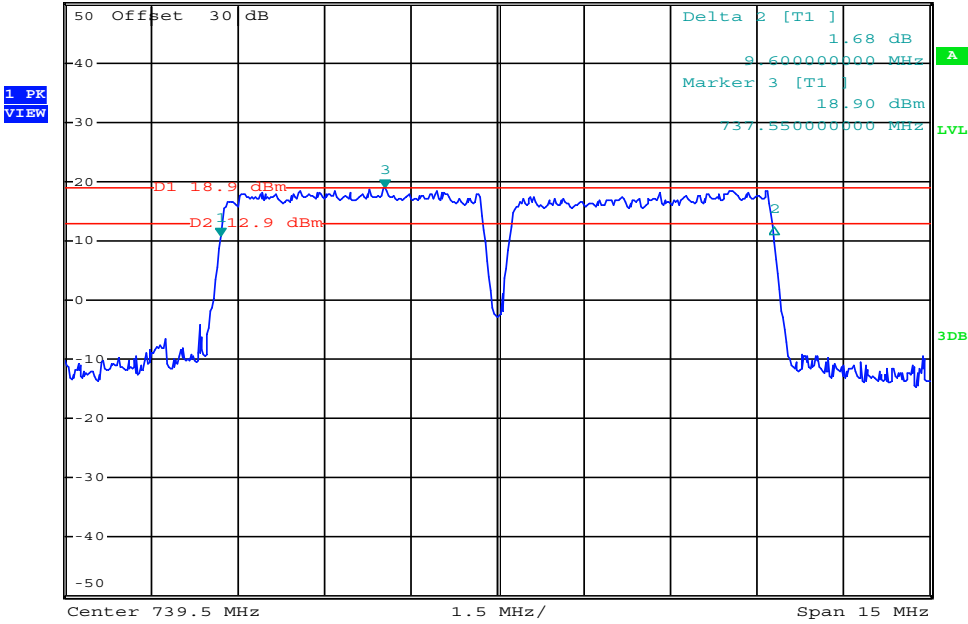
Date: 17.MAR.2021 10:02:20

Channel Frequency: 742.00 MHz	SG Mode: Pre-AGC	
LTE Band: 12 & 13 DL	Channel Bandwidth: 10.0 MHz	Measured 6dB Bandwidth: 9.56 MHz

I/O Comparison - DUT BW



*RBW 100 kHz Marker 1 [T1] 10.75 dBm
 VBW 300 kHz
 Ref 50 dBm *Att 20 dB SWT 2.5 ms 734.700000000 MHz



Date: 17.MAR.2021 10:48:10

Channel Frequency: 742.00 MHz	SG Mode: Post-AGC	
LTE Band: 12 & 13 DL	Channel Bandwidth: 10.0 MHz	Measured 6dB Bandwidth: 9.60 MHz

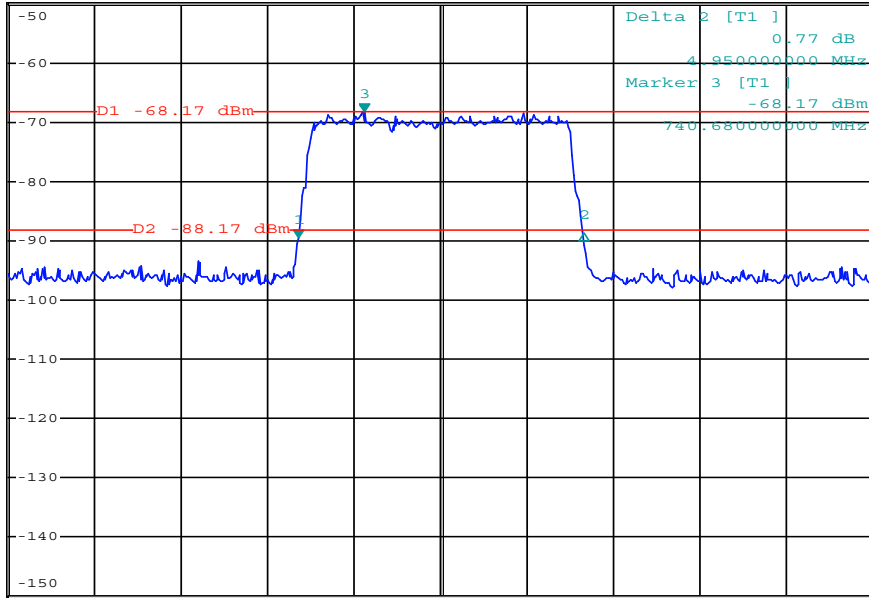
I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1] -89.56 dBm
 VBW 300 kHz
 SWT 2.5 ms 739.540000000 MHz

Ref -50 dBm *Att 0 dB

1 PK
VIEW



Center 742 MHz 1.5 MHz/ Span 15 MHz

Date: 17.MAR.2021 10:33:25

Channel Frequency: 742.00 MHz	SG Mode: Pre-AGC	
LTE Band: 12 & 13 DL	Channel Bandwidth: 5.0 MHz	Measured 20dB Bandwidth: 4.95 MHz

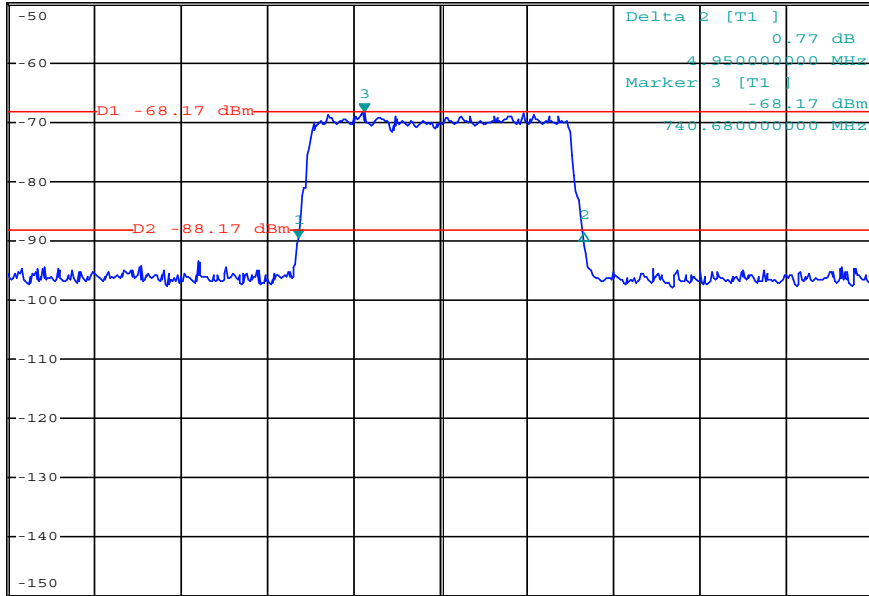
I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1] -89.56 dBm
 VBW 300 kHz
 SWT 2.5 ms 739.540000000 MHz

Ref -50 dBm *Att 0 dB

1 PK
VIEW



Center 742 MHz 1.5 MHz/ Span 15 MHz

Date: 17.MAR.2021 10:33:25

Channel Frequency:
742.00 MHz

SG Mode:
Post-AGC

LTE Band:
12 & 13 DL

Channel Bandwidth:
5.0 MHz

Measured 20dB Bandwidth:
4.95 MHz

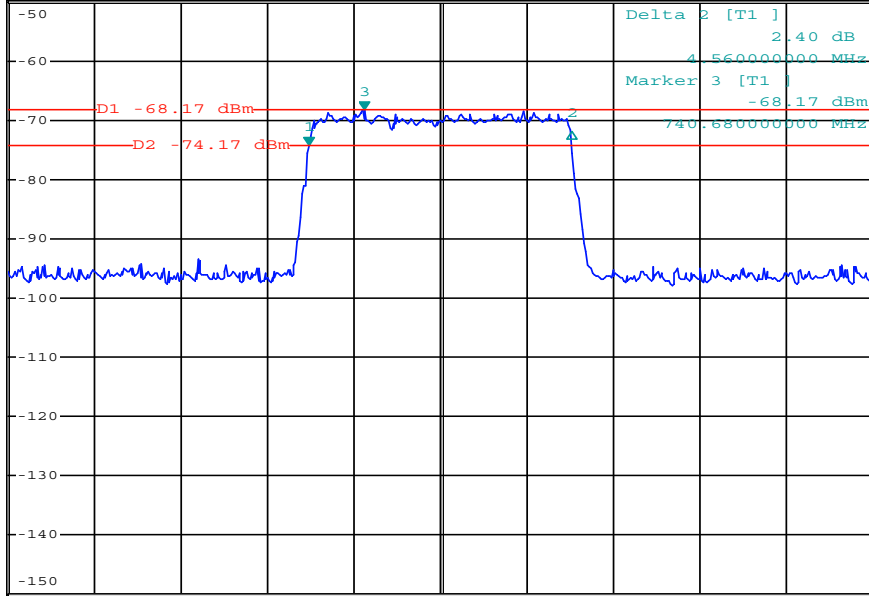
I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1] -74.37 dBm
 VBW 300 kHz
 SWT 2.5 ms 739.720000000 MHz

Ref -50 dBm *Att 0 dB

1 PK
VIEW



Center 742 MHz 1.5 MHz/ Span 15 MHz

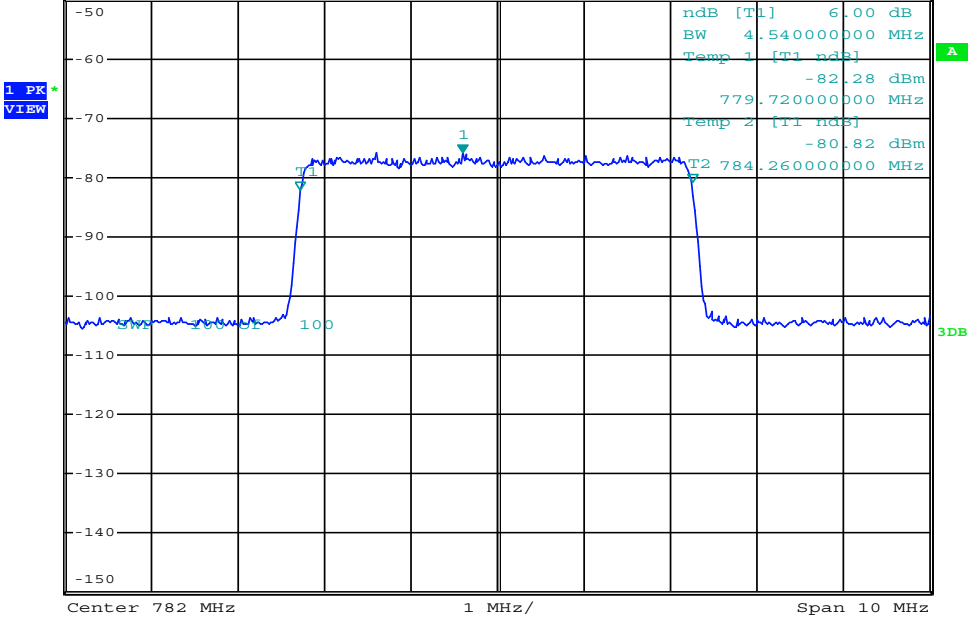
Date: 17.MAR.2021 10:34:33

Channel Frequency: 742.00 MHz	SG Mode: Pre-AGC	
LTE Band: 12 & 13 DL	Channel Bandwidth: 5.0 MHz	Measured 6dB Bandwidth: 4.56 MHz

I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -75.92 dBm
 Ref -50 dBm *Att 0 dB SWT 2.5 ms 781.600000000 MHz



Date: 26.MAR.2021 09:53:27

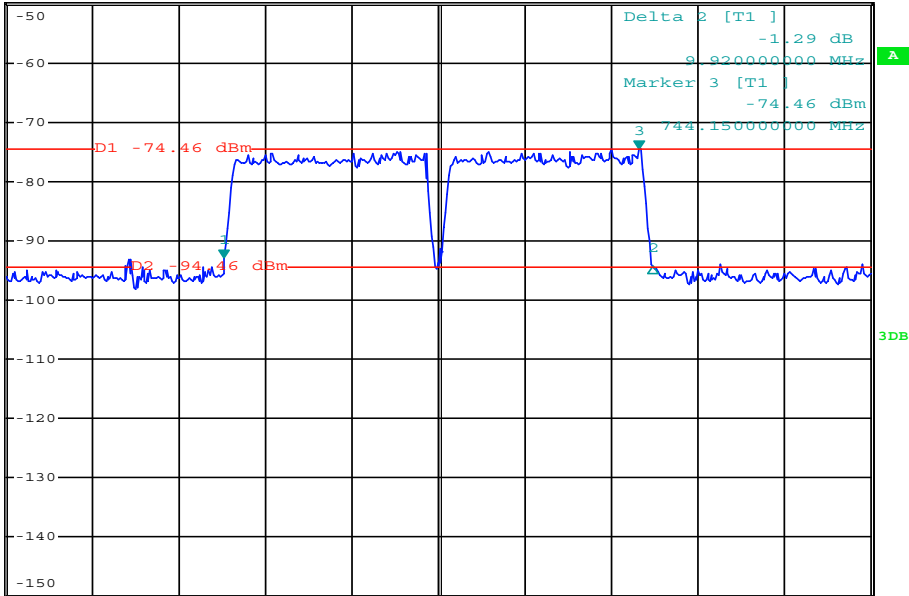
Channel Frequency: 742.00 MHz	SG Mode: Post-AGC	
LTE Band: 12 & 13 DL	Channel Bandwidth: 5.0 MHz	Measured 6dB Bandwidth: 4.54 MHz

I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -92.95 dBm
 Ref -50 dBm *Att 0 dB SWT 2.5 ms 734.550000000 MHz

1 PK
 VIEW



Center 739.51 MHz 2 MHz/ Span 20 MHz

Date: 17.MAR.2021 10:07:27

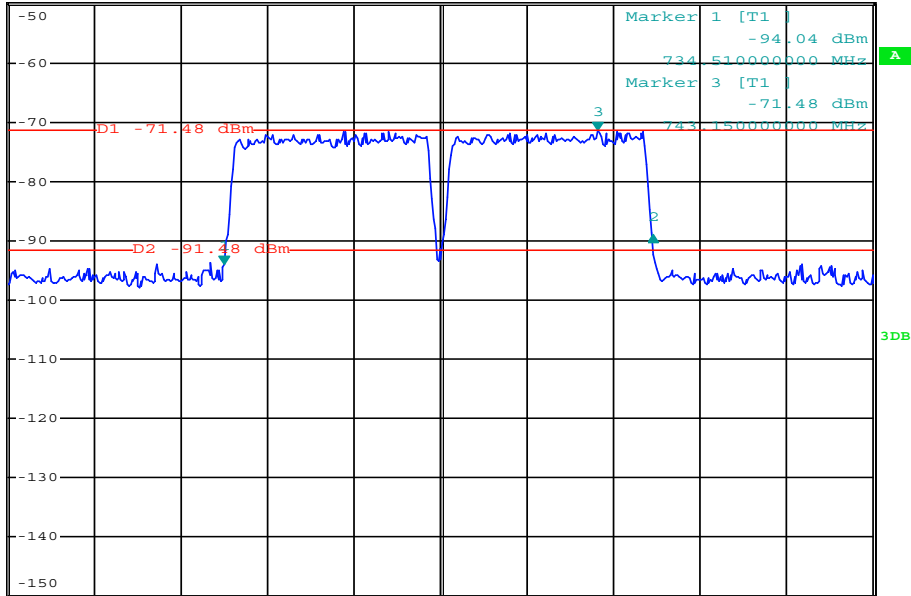
Channel Frequency: 742.00 MHz	SG Mode: Pre-AGC	
LTE Band: 12 & 13 DL	Channel Bandwidth: 10.0 MHz	Measured 20dB Bandwidth: 9.92 MHz

I/O Comparison - SG BW



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz 5.08 dB
 Ref -50 dBm *Att 0 dB SWT 2.5 ms 9.920000000 MHz

1 PK
 VIEW



Center 739.51 MHz 2 MHz/ Span 20 MHz

Date: 17.MAR.2021 10:19:38

Channel Frequency:
742.00 MHz

SG Mode:
Post-AGC

LTE Band:
12 & 13 DL

Channel Bandwidth:
10.0 MHz

Measured 20dB Bandwidth:
9.92 MHz

I/O Comparison - SG BW

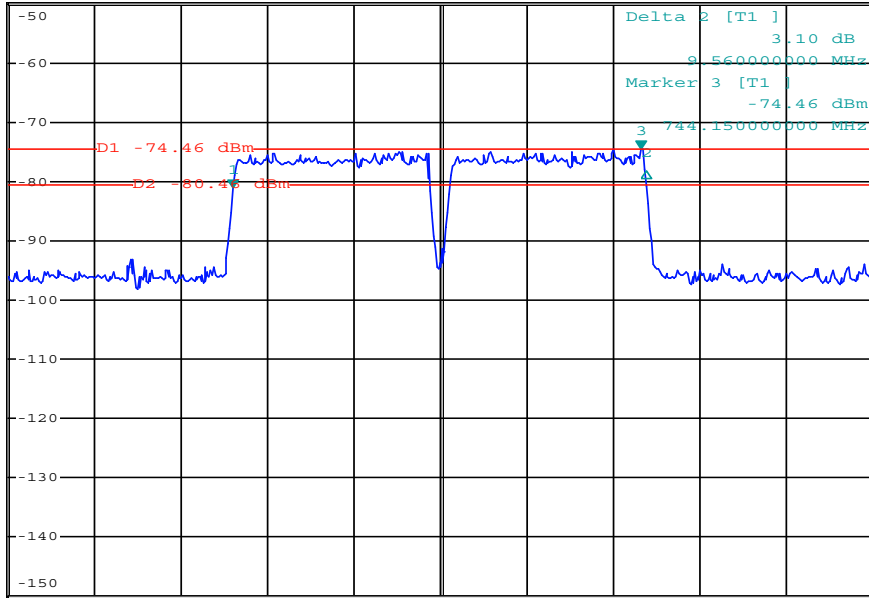


*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -81.19 dBm
 SWT 2.5 ms 734.710000000 MHz

Ref -50 dBm

*Att 0 dB

1 PK
VIEW



Center 739.51 MHz 2 MHz/ Span 20 MHz

Date: 17.MAR.2021 10:08:40

Channel Frequency:
742.00 MHz

SG Mode:
Pre-AGC

LTE Band:
12 & 13 DL

Channel Bandwidth:
10.0 MHz

Measured 6dB Bandwidth:
9.56 MHz

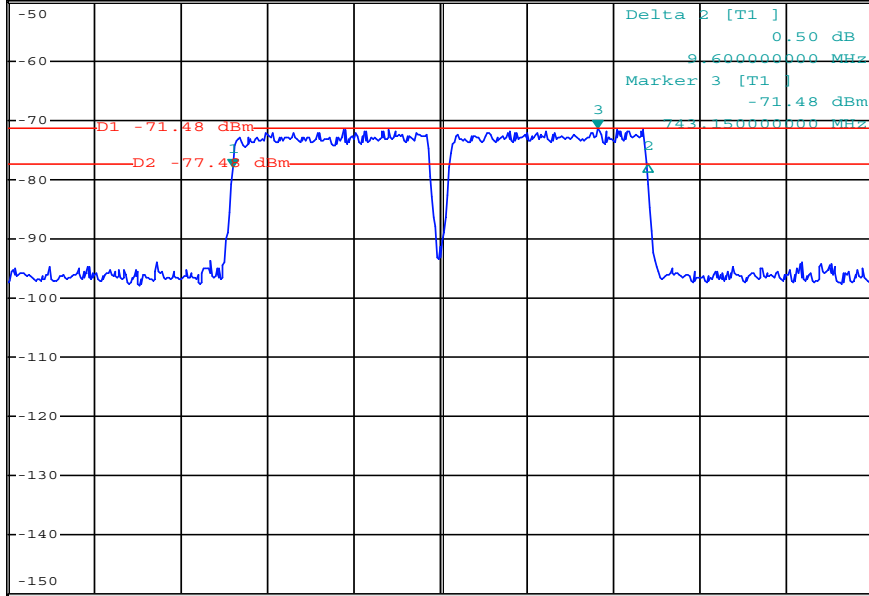
I/O Comparison - SG BW



*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -77.94 dBm
 SWT 2.5 ms 734.710000000 MHz

Ref -50 dBm *Att 0 dB

1 PK
VIEW



Center 739.51 MHz 2 MHz/ Span 20 MHz

Date: 17.MAR.2021 10:21:01

Channel Frequency:
742.00 MHz

SG Mode:
Post-AGC

LTE Band:
12 & 13 DL

Channel Bandwidth:
10.0 MHz

Measured 6dB Bandwidth:
9.60 MHz