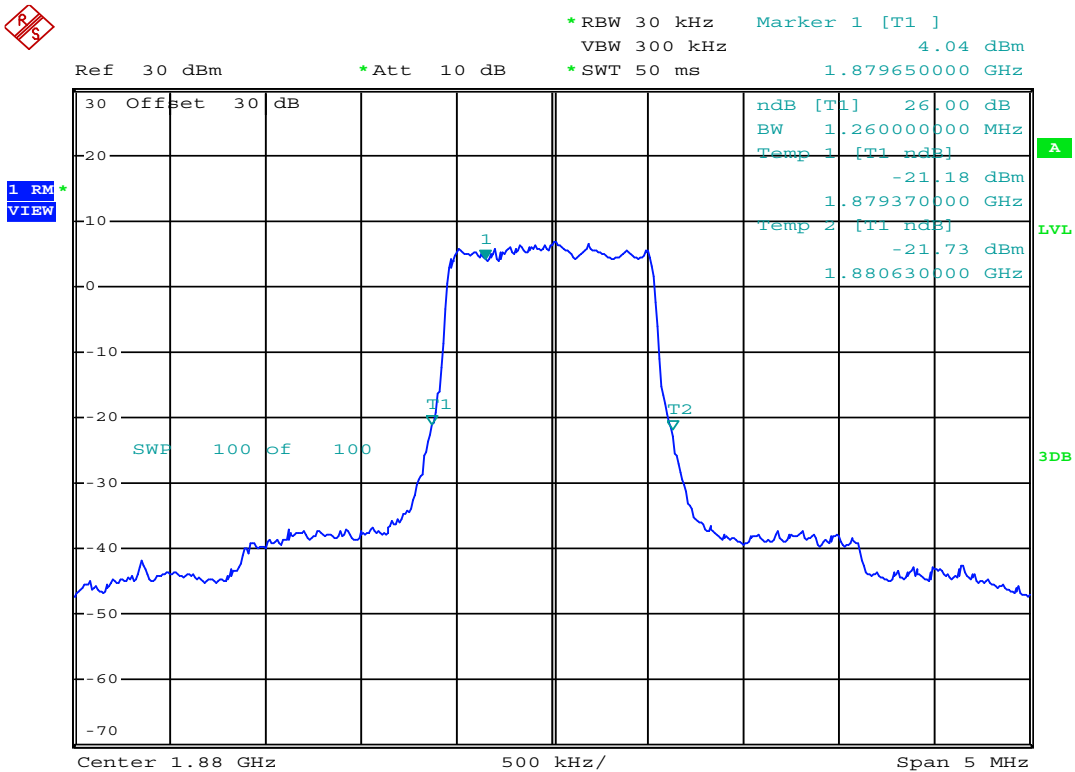


26dB Bandwidth Measurement Results

[illegible]

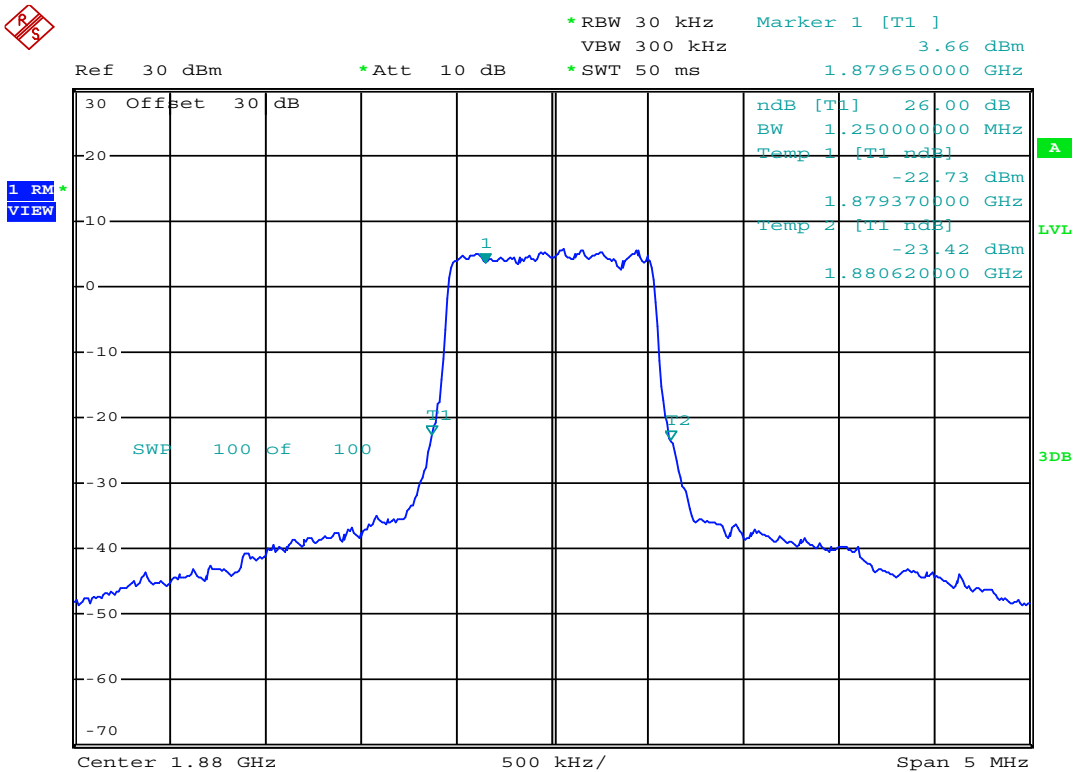
26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 11:51:54

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 1.4		
EARFCN: 18900	Resource Blocks (RB): 6	26dB Bandwidth (MHz):	1.26
RB Offset: 0	Modulation: QPSK		

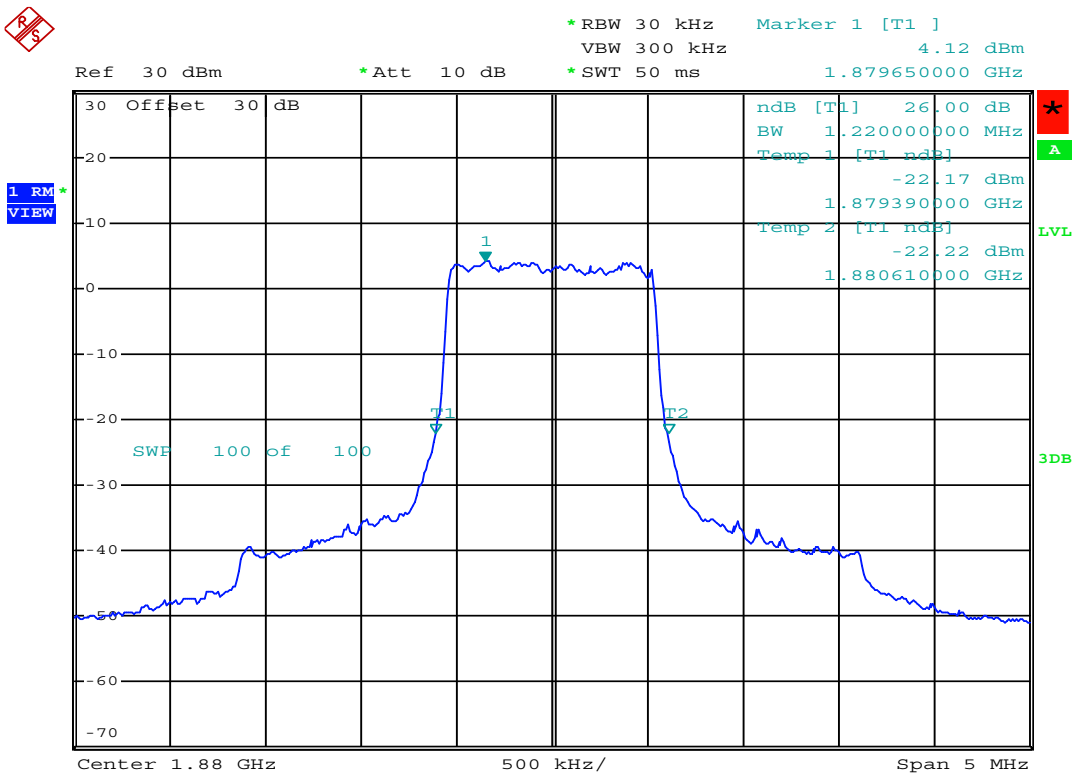
26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 11:50:51

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 1.4	26dB Bandwidth (MHz): 1.25
EARFCN: 18900	Resource Blocks (RB): 6	
RB Offset: 0	Modulation: 16QAM	

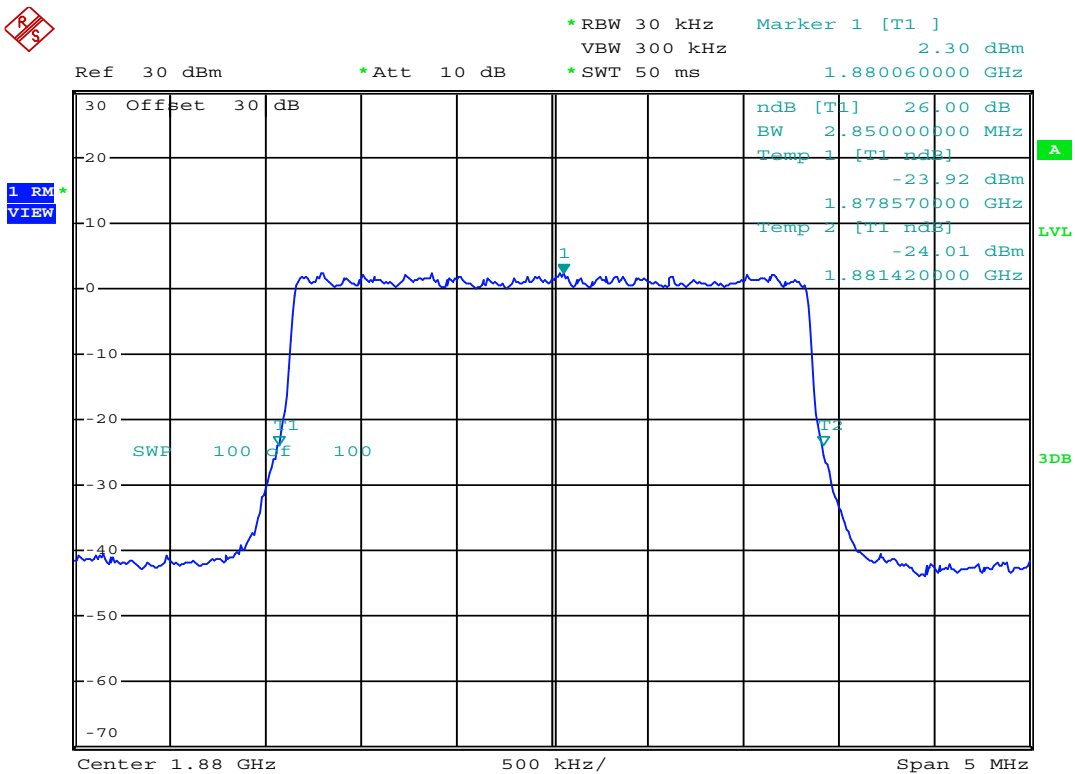
26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 11:49:43

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 1.4	26dB Bandwidth (MHz): 1.22
EARFCN: 18900	Resource Blocks (RB): 6	
RB Offset: 0	Modulation: 64QAM	

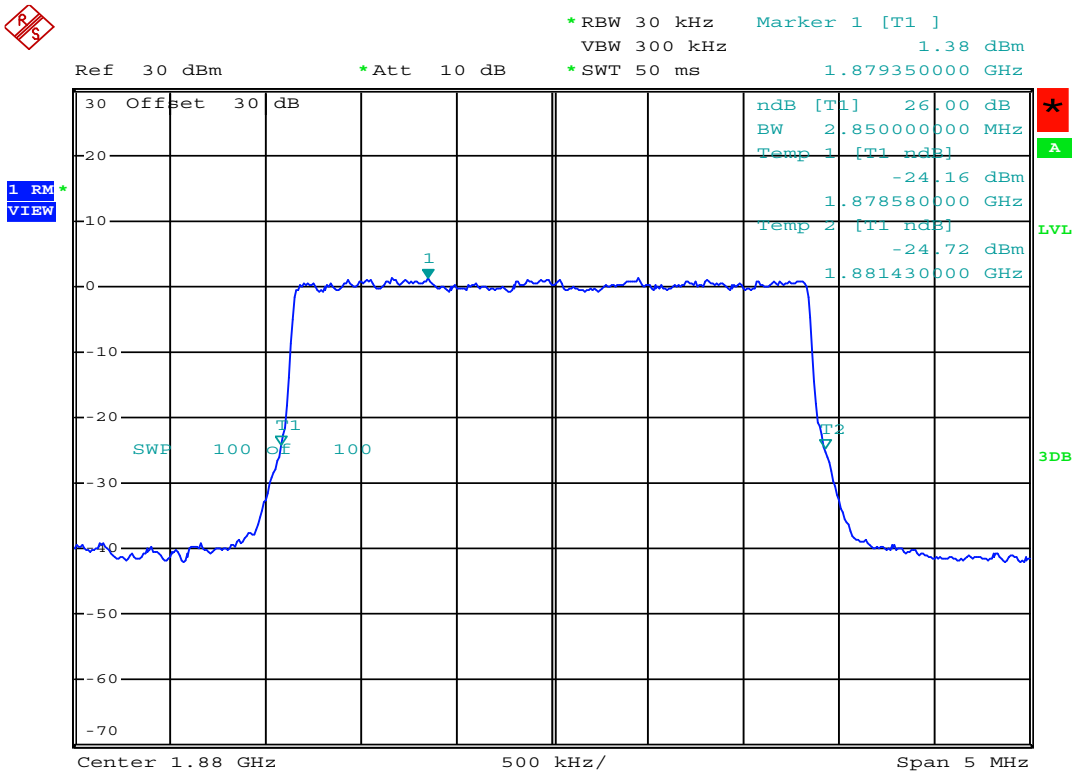
26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 12:00:48

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 3.0	26dB Bandwidth (MHz): 2.85
EARFCN: 18900	Resource Blocks (RB): 15	
RB Offset: 0	Modulation: QPSK	

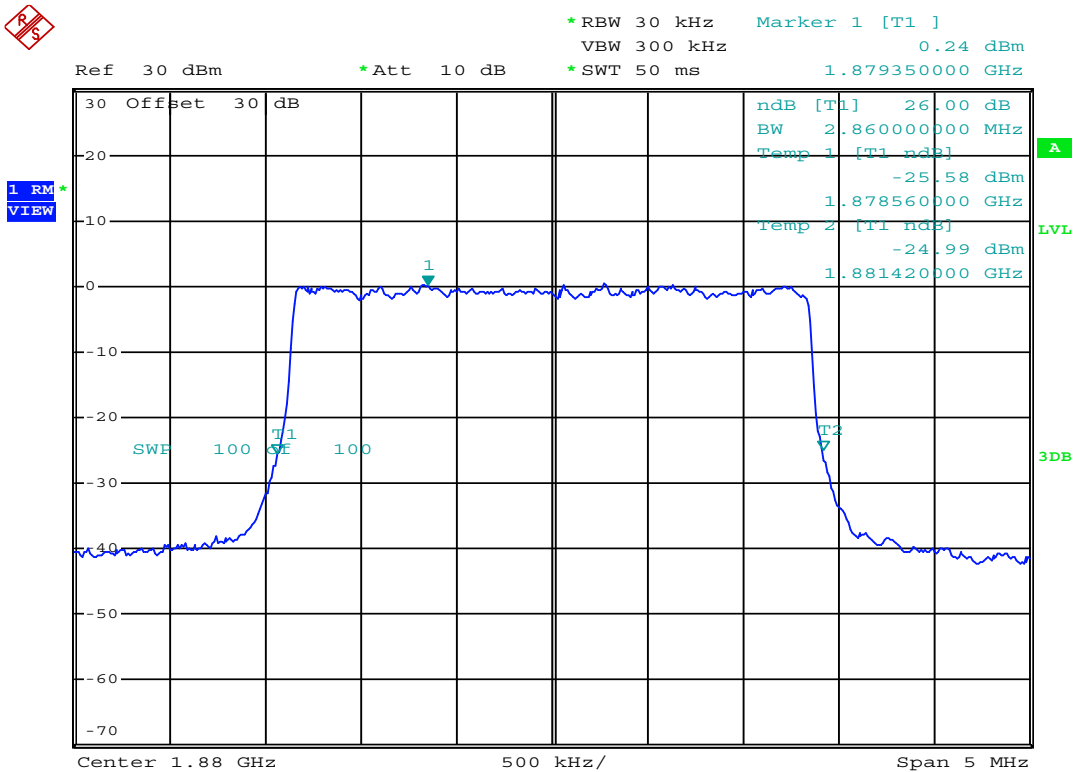
26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 12:03:12

Channel Frequency (MHz):	1880.0	Channel Bandwidth (MHz):	3.0	26dB Bandwidth (MHz):	2.85
EARFCN:	18900	Resource Blocks (RB):	15		
RB Offset:	0	Modulation:	16QAM		

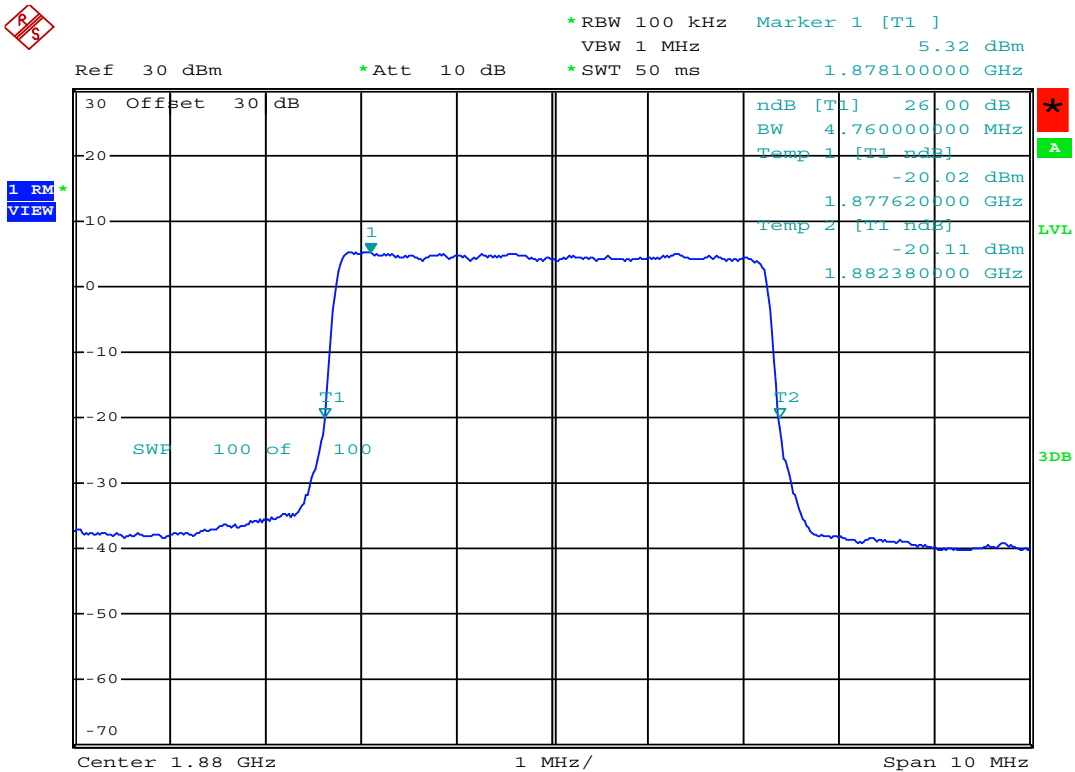
26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 12:04:22

Channel Frequency (MHz):	1880.0	Channel Bandwidth (MHz):	3.0	26dB Bandwidth (MHz):	2.86
EARFCN:	18900	Resource Blocks (RB):	15		
RB Offset:	0	Modulation:	64QAM		

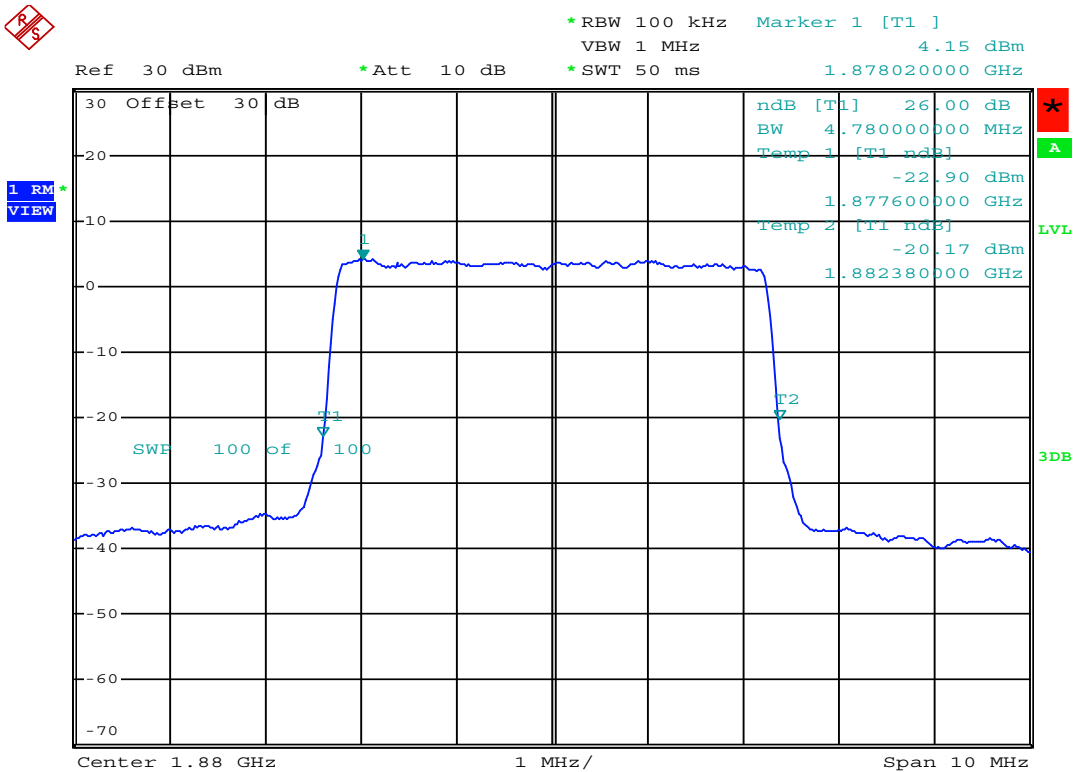
26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 12:44:02

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 5.0	26dB Bandwidth (MHz): 4.76
EARFCN: 18900	Resource Blocks (RB): 25	
RB Offset: 0	Modulation: QPSK	

26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 12:42:14

Channel Frequency (MHz):	1880.0	Channel Bandwidth (MHz):	5.0	26dB Bandwidth (MHz):	4.78
EARFCN:	18900	Resource Blocks (RB):	25		
RB Offset:	0	Modulation:	16QAM		

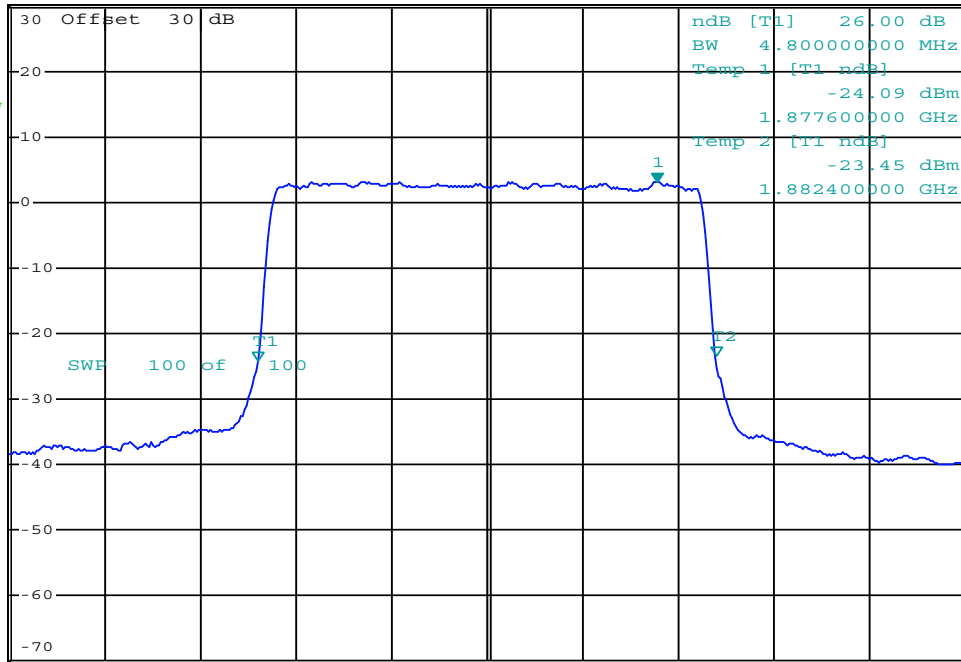
26dB Bandwidth: LTE Band 2



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 3.12 dBm
 *Att 10 dB
 *SWT 50 ms 1.881780000 GHz

Ref 30 dBm

1 RM
 VIEW



Date: 21.APR.2021 12:40:30

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **5.0**

EARFCN: **18900**

Resource Blocks (RB): **25**

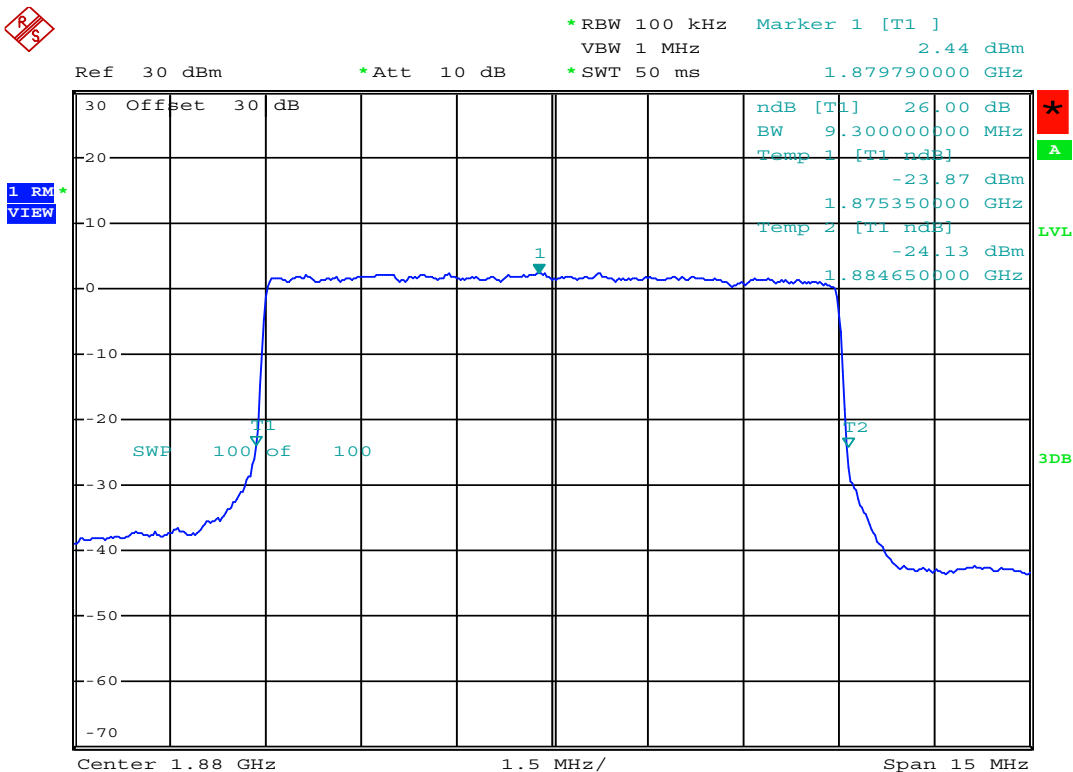
RB Offset: **0**

Modulation: **64QAM**

26dB Bandwidth (MHz):

4.8

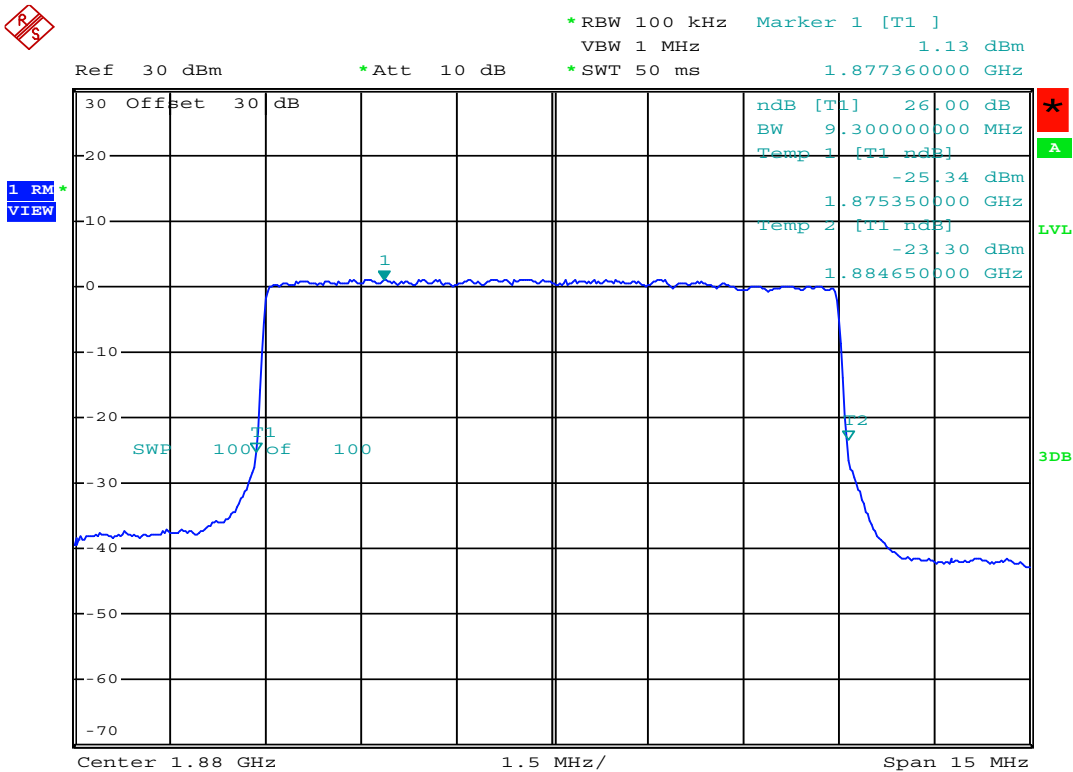
26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 12:47:33

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 10.0	26dB Bandwidth (MHz): 9.3
EARFCN: 18900	Resource Blocks (RB): 50	
RB Offset: 0	Modulation: QPSK	

26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 12:49:31

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **10.0**

EARFCN: **18900**

Resource Blocks (RB): **50**

RB Offset: **0**

Modulation: **16QAM**

26dB Bandwidth (MHz):

9.3

Ref 30 dBm

- *Att 10 dB

* SWT 50 ms

1.878170000 GHz

Channel Frequency (MHz): **1880.0**Channel Bandwidth (MHz): **10.0**

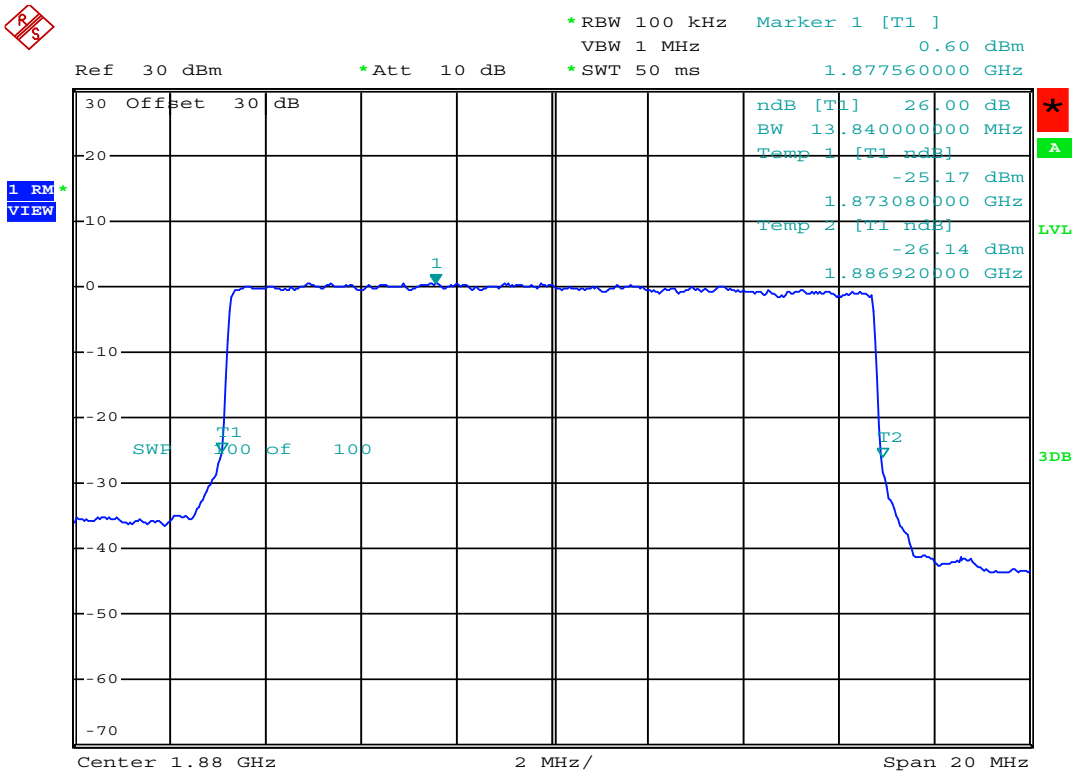
EARFCN: **18900**

Resource Blocks (RB): **50**

RB Offset: 0

Modulation: **64QAM**26dB Bandwidth (MHz): **9.33**

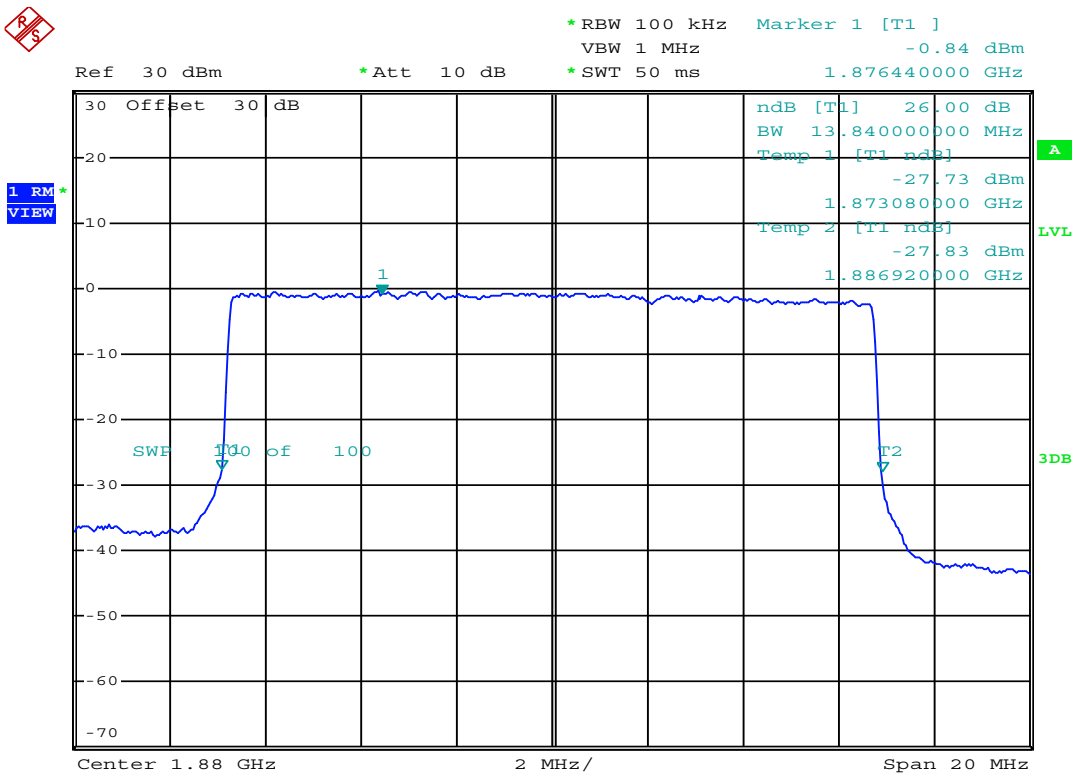
26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 12:57:29

Channel Frequency (MHz):	1880.0	Channel Bandwidth (MHz):	15.0		
EARFCN:	18900	Resource Blocks (RB):	75	26dB Bandwidth (MHz):	13.84
RB Offset:	0	Modulation:	QPSK		

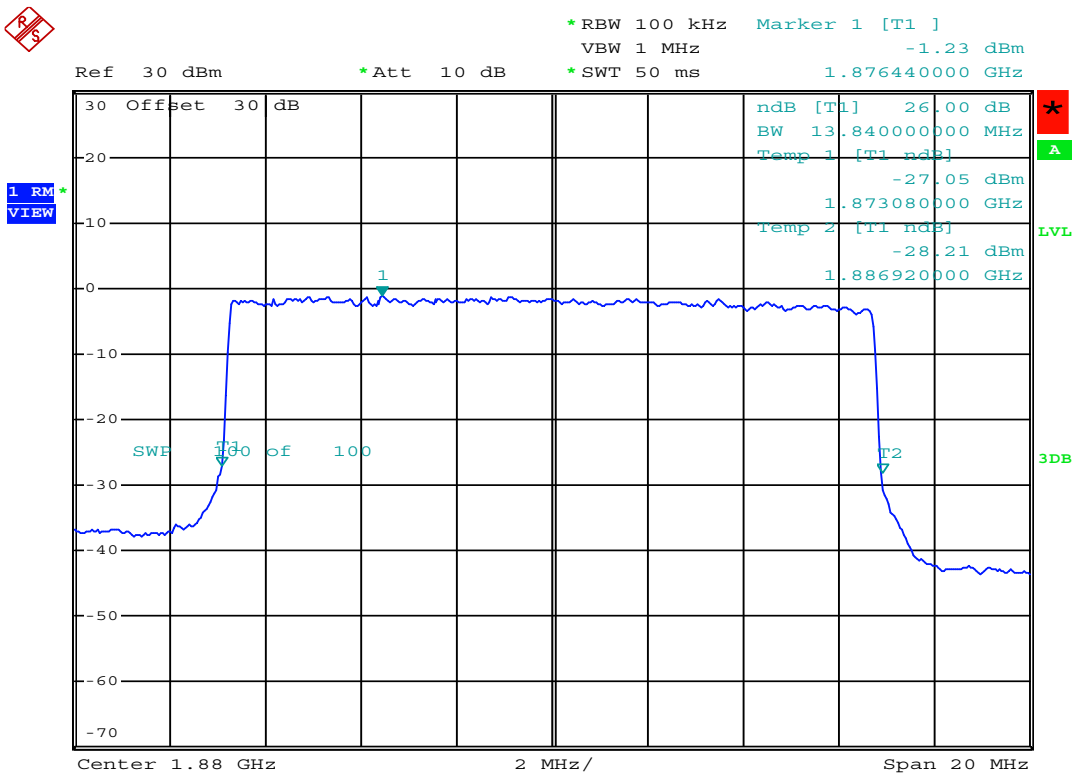
26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 12:55:38

Channel Frequency (MHz):	1880.0	Channel Bandwidth (MHz):	15.0	26dB Bandwidth (MHz):	13.84
EARFCN:	18900	Resource Blocks (RB):	75		
RB Offset:	0	Modulation:	16QAM		

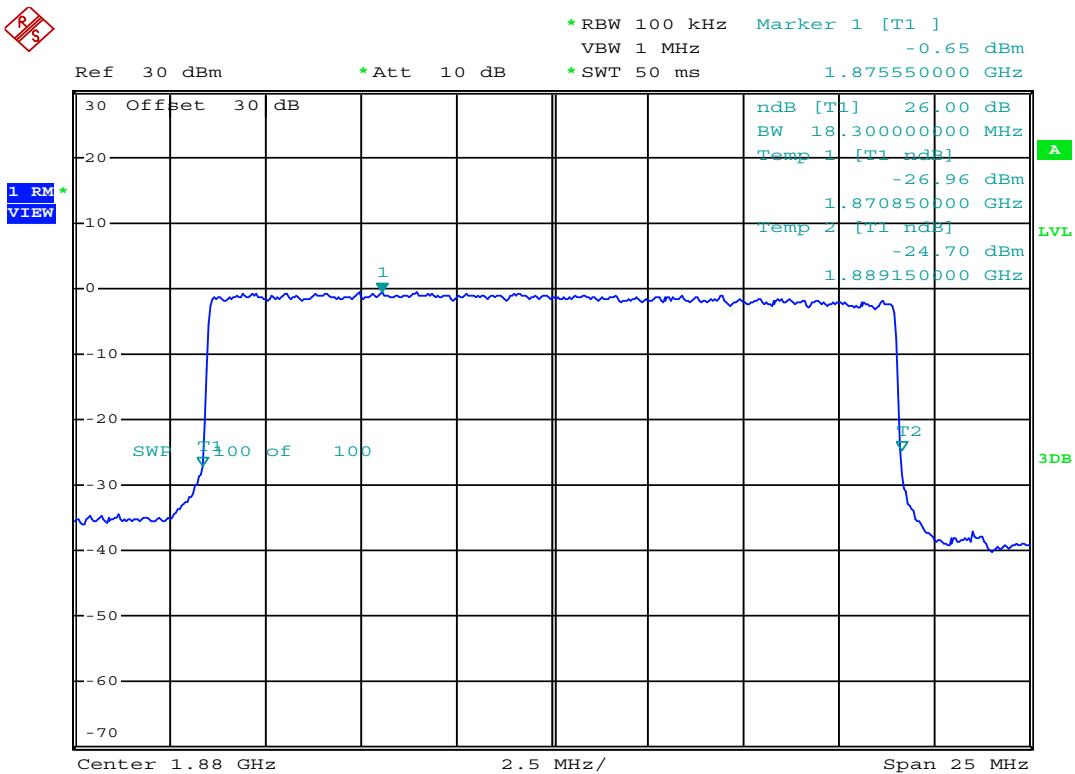
26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 12:54:43

Channel Frequency (MHz):	1880.0	Channel Bandwidth (MHz):	15.0	26dB Bandwidth (MHz):	13.84
EARFCN:	18900	Resource Blocks (RB):	75		
RB Offset:	0	Modulation:	64QAM		

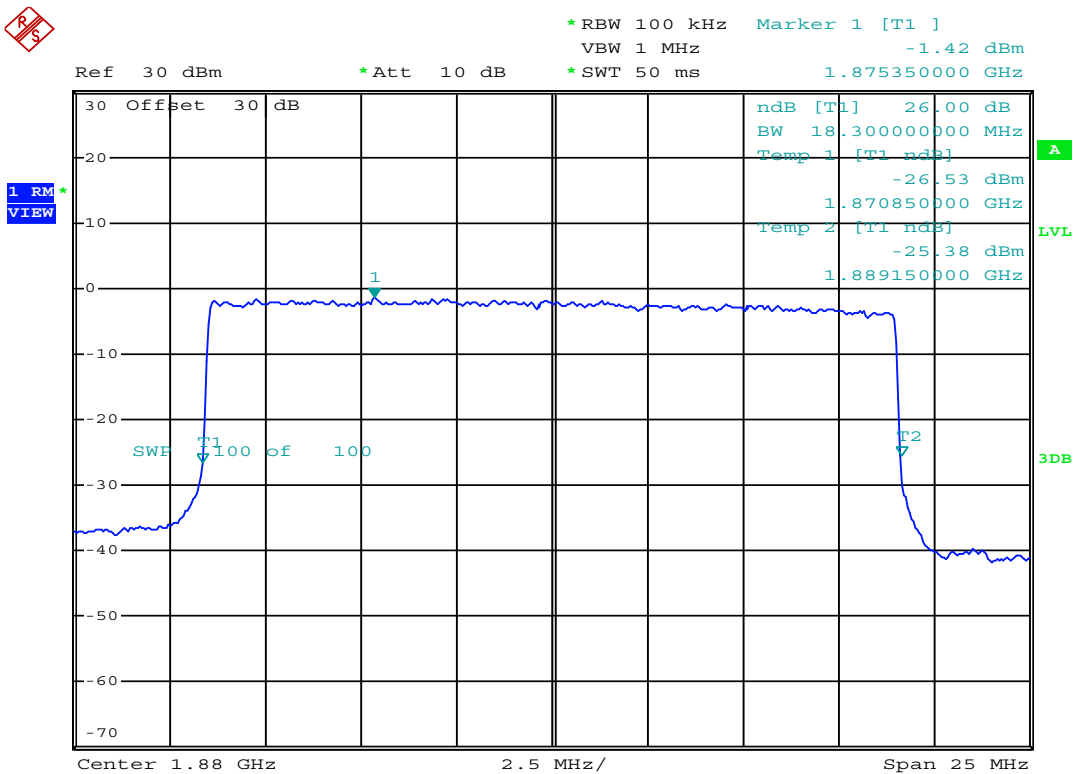
26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 13:00:26

Channel Frequency (MHz):	1880.0	Channel Bandwidth (MHz):	20.0	26dB Bandwidth (MHz):	18.3
EARFCN:	18900	Resource Blocks (RB):	100		
RB Offset:	0	Modulation:	QPSK		

26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 13:04:39

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **20.0**

EARFCN: **18900**

Resource Blocks (RB): **100**

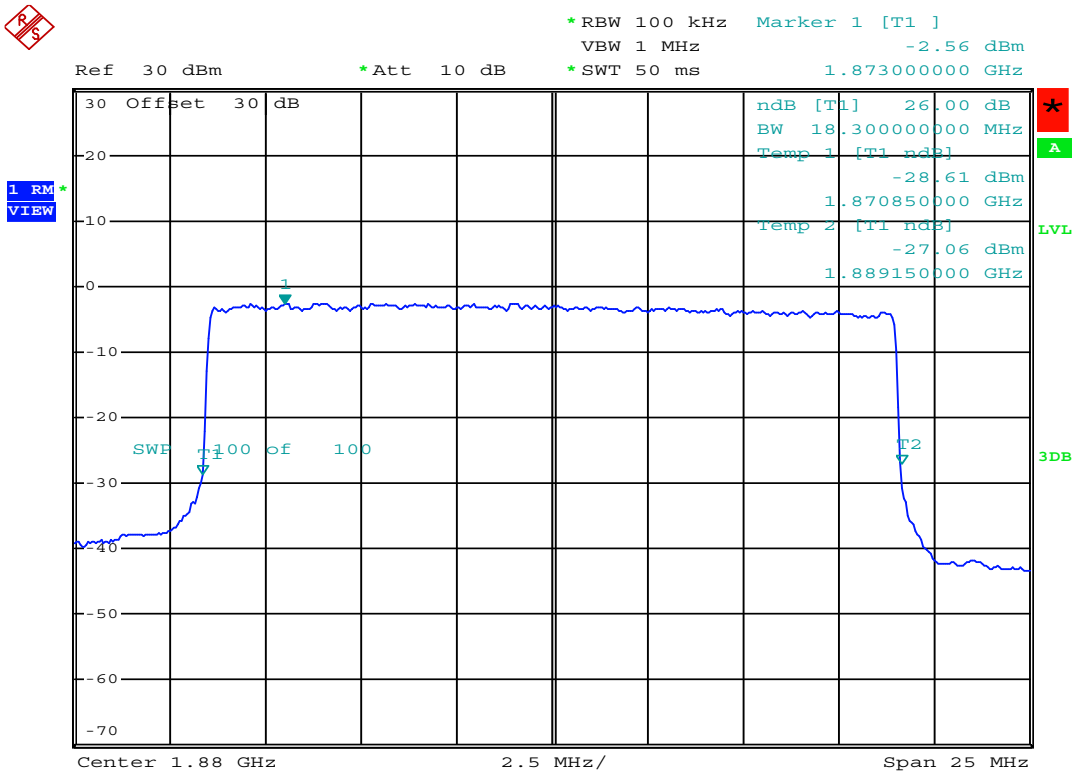
RB Offset: **0**

Modulation: **16QAM**

26dB Bandwidth (MHz):

18.3

26dB Bandwidth: LTE Band 2



Date: 21.APR.2021 13:02:15

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **20.0**

EARFCN: **18900**

Resource Blocks (RB): **100**

RB Offset: **0**

Modulation: **64QAM**

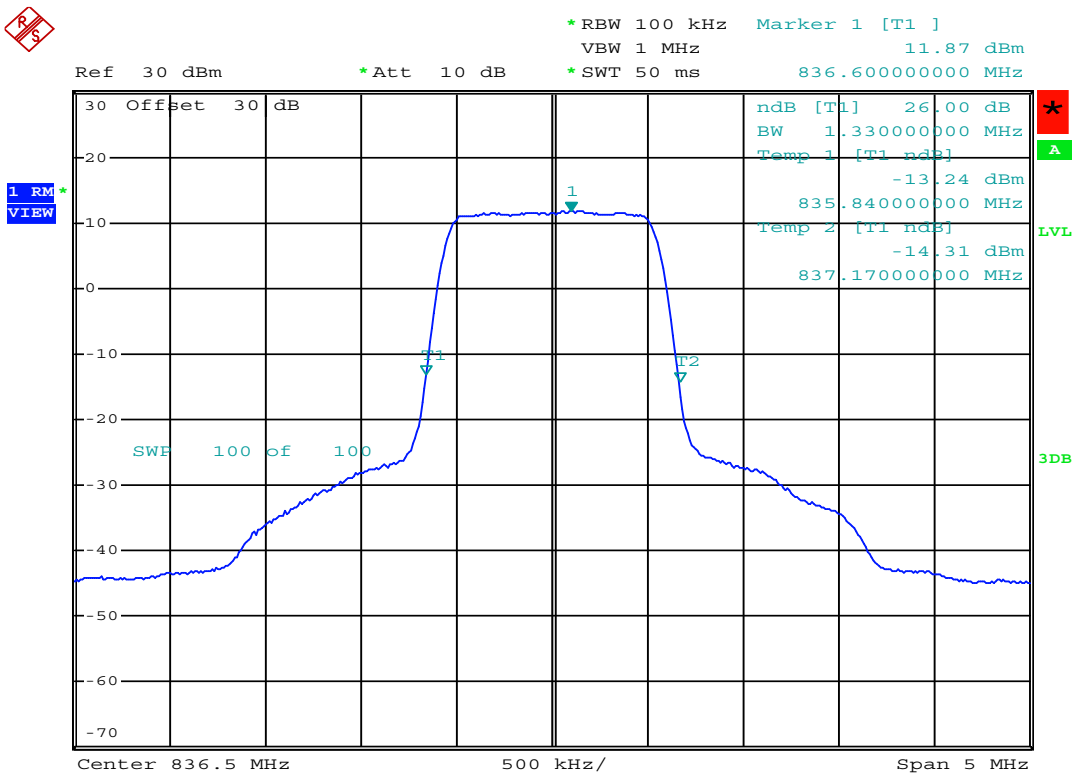
26dB Bandwidth (MHz):

18.3

26dB Bandwidth Measurement Results

[illegible]

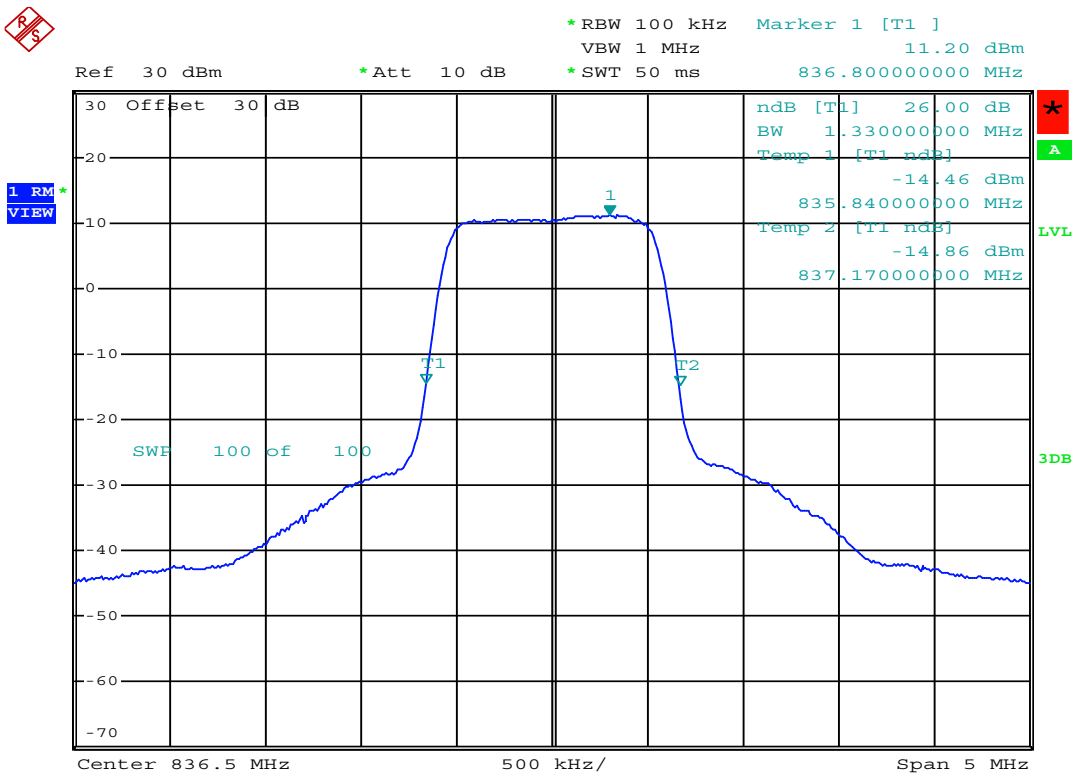
26dB Bandwidth: LTE Band 5



Date: 21.APR.2021 13:35:21

Channel Frequency (MHz): 836.5	Channel Bandwidth (MHz): 1.4	26dB Bandwidth (MHz): 1.33
EARFCN: 20525	Resource Blocks (RB): 6	
RB Offset: 0	Modulation: QPSK	

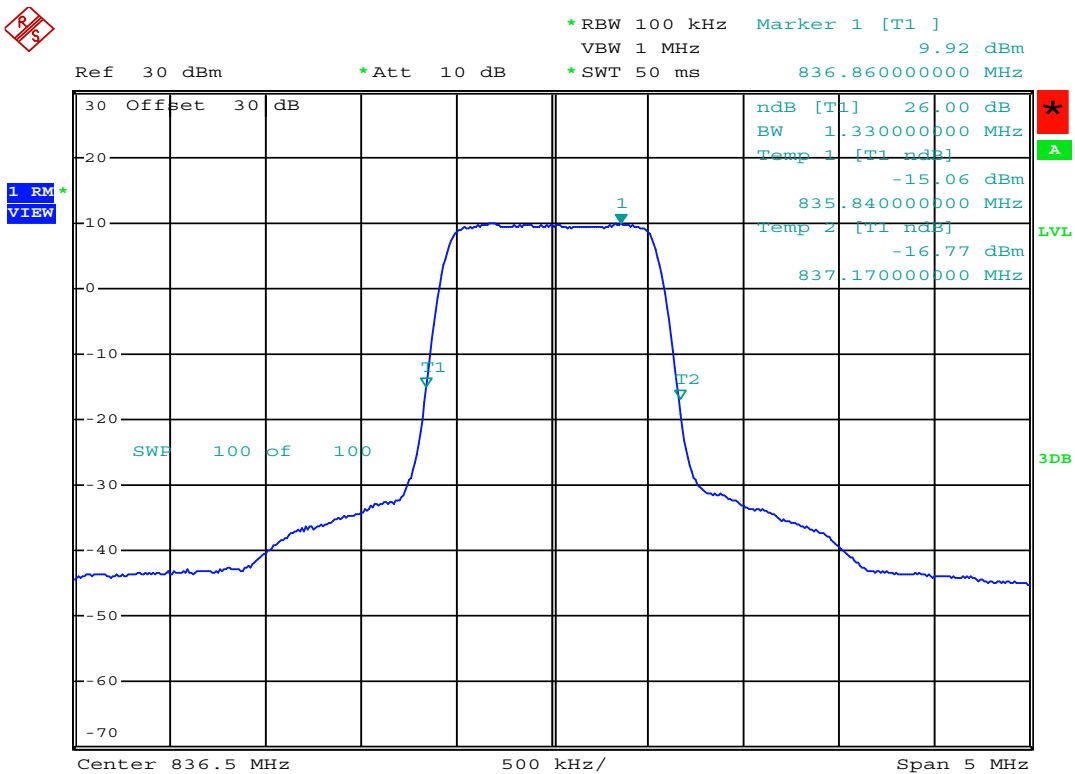
26dB Bandwidth: LTE Band 5



Date: 21.APR.2021 13:37:49

Channel Frequency (MHz): 836.5	Channel Bandwidth (MHz): 1.4	26dB Bandwidth (MHz): 1.33
EARFCN: 20525	Resource Blocks (RB): 6	
RB Offset: 0	Modulation: 16QAM	

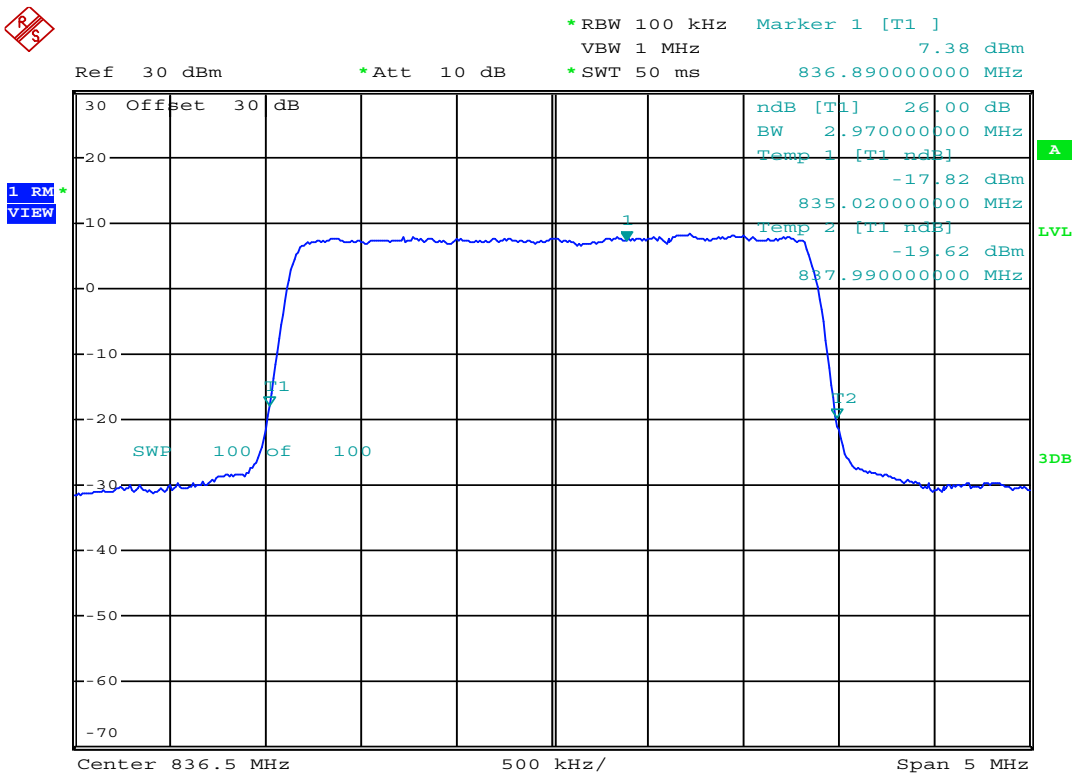
26dB Bandwidth: LTE Band 5



Date: 21.APR.2021 13:39:33

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	1.4	26dB Bandwidth (MHz):	1.33
EARFCN:	20525	Resource Blocks (RB):	6		
RB Offset:	0	Modulation:	64QAM		

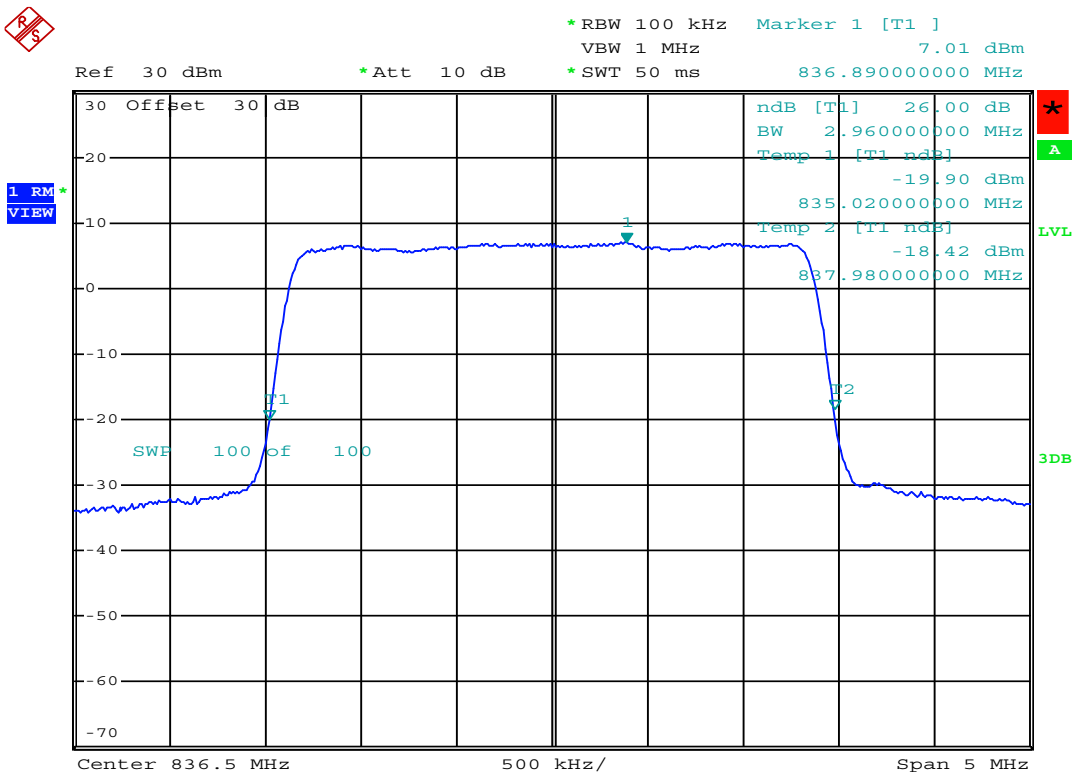
26dB Bandwidth: LTE Band 5



Date: 21.APR.2021 13:48:24

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	3.0	26dB Bandwidth (MHz):	2.97
EARFCN:	20525	Resource Blocks (RB):	15		
RB Offset:	0	Modulation:	QPSK		

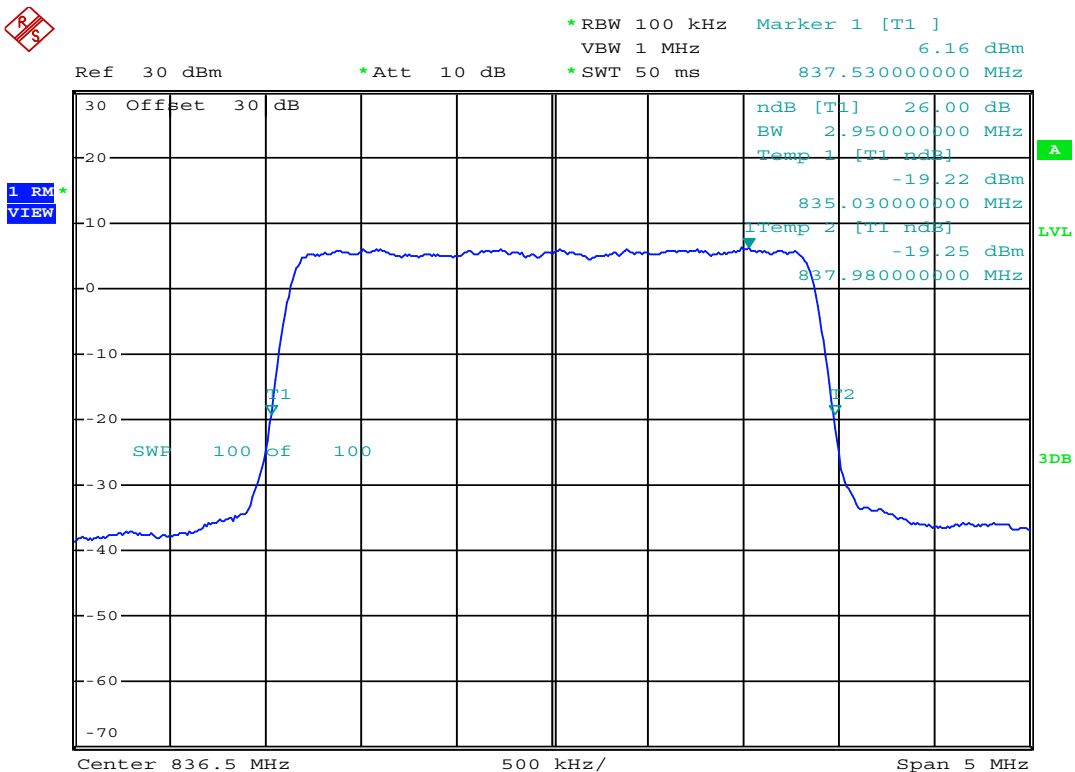
26dB Bandwidth: LTE Band 5



Date: 21.APR.2021 13:47:21

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	3.0	26dB Bandwidth (MHz):	2.96
EARFCN:	20525	Resource Blocks (RB):	15		
RB Offset:	0	Modulation:	16QAM		

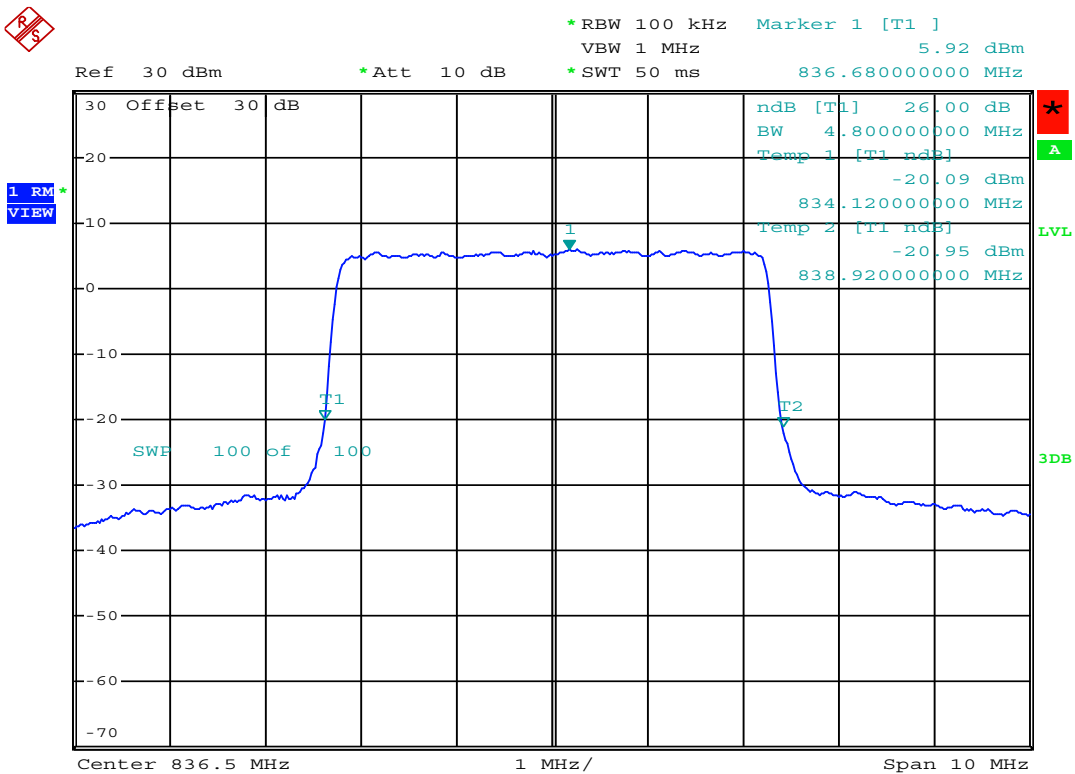
26dB Bandwidth: LTE Band 5



Date: 21.APR.2021 13:43:43

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	3.0	26dB Bandwidth (MHz):	2.95
EARFCN:	20525	Resource Blocks (RB):	15		
RB Offset:	0	Modulation:	64QAM		

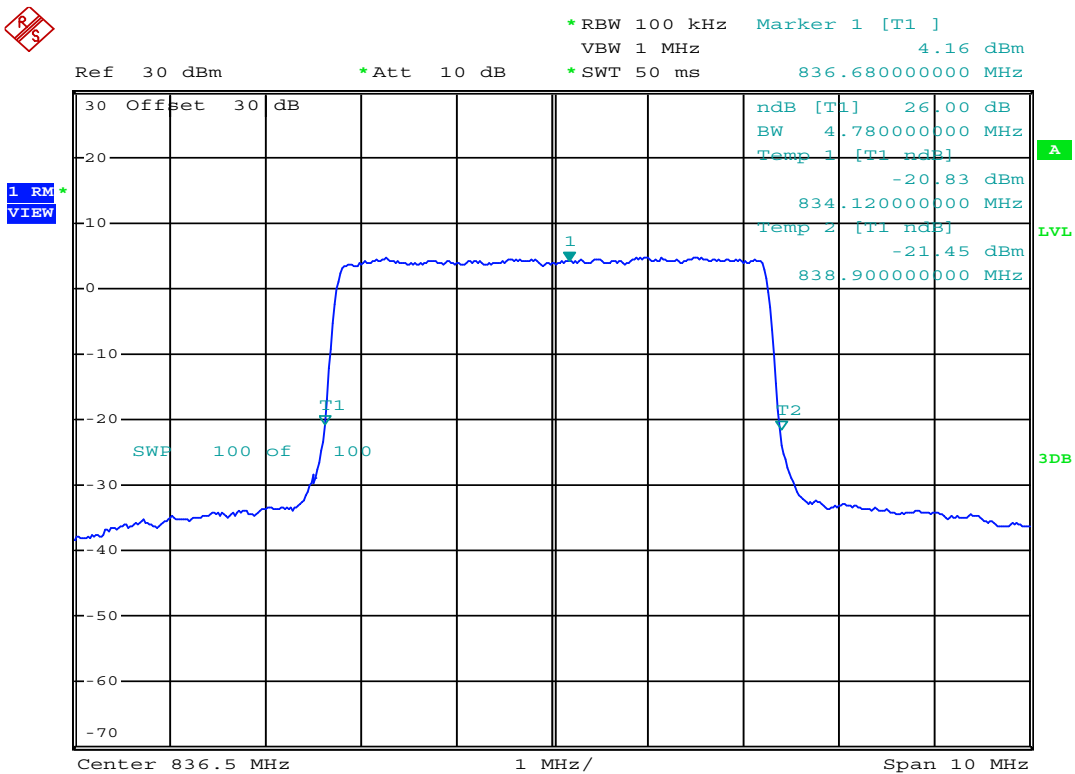
26dB Bandwidth: LTE Band 5



Date: 21.APR.2021 13:52:06

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	5.0	26dB Bandwidth (MHz):	4.8
EARFCN:	20525	Resource Blocks (RB):	25		
RB Offset:	0	Modulation:	QPSK		

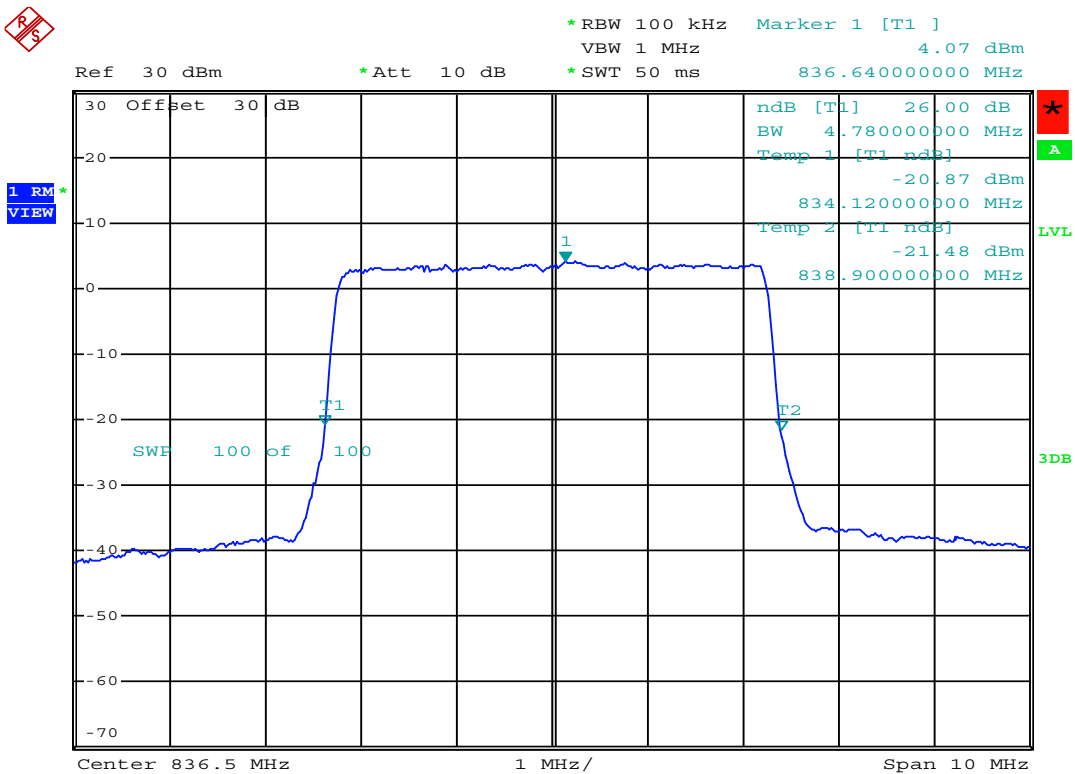
26dB Bandwidth: LTE Band 5



Date: 21.APR.2021 13:53:14

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	5.0	26dB Bandwidth (MHz):	4.78
EARFCN:	20525	Resource Blocks (RB):	25		
RB Offset:	0	Modulation:	16QAM		

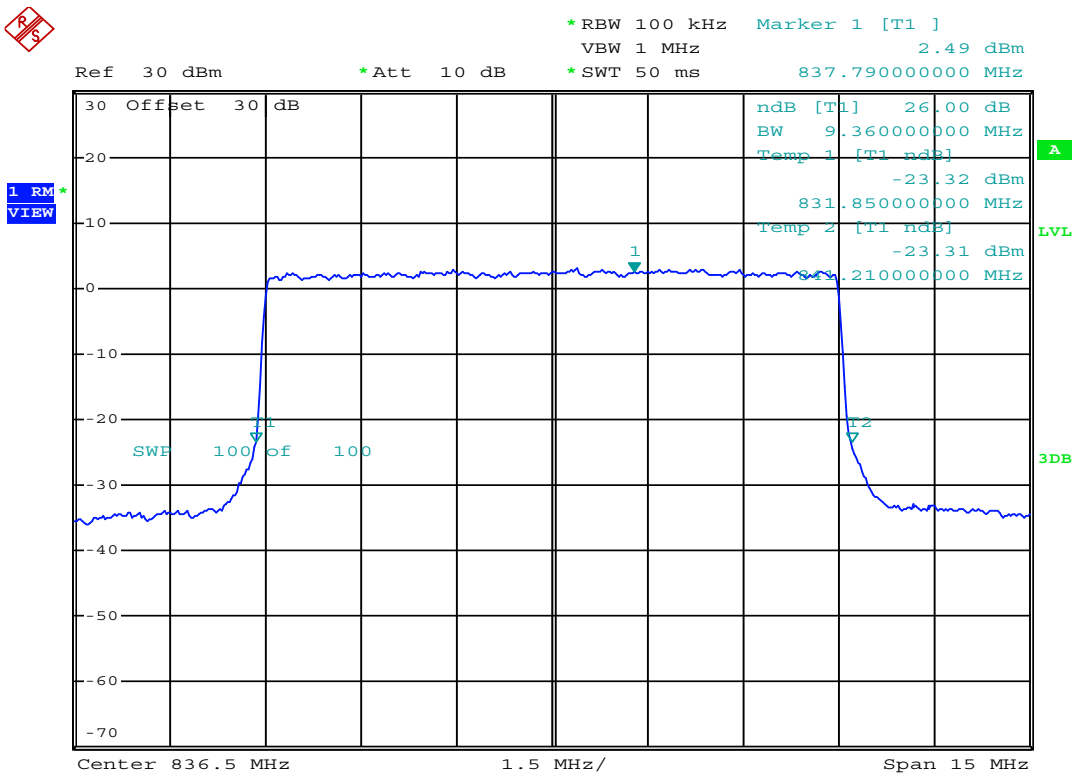
26dB Bandwidth: LTE Band 5



Date: 21.APR.2021 13:55:05

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	5.0	26dB Bandwidth (MHz):	4.78
EARFCN:	20525	Resource Blocks (RB):	25		
RB Offset:	0	Modulation:	64QAM		

26dB Bandwidth: LTE Band 5



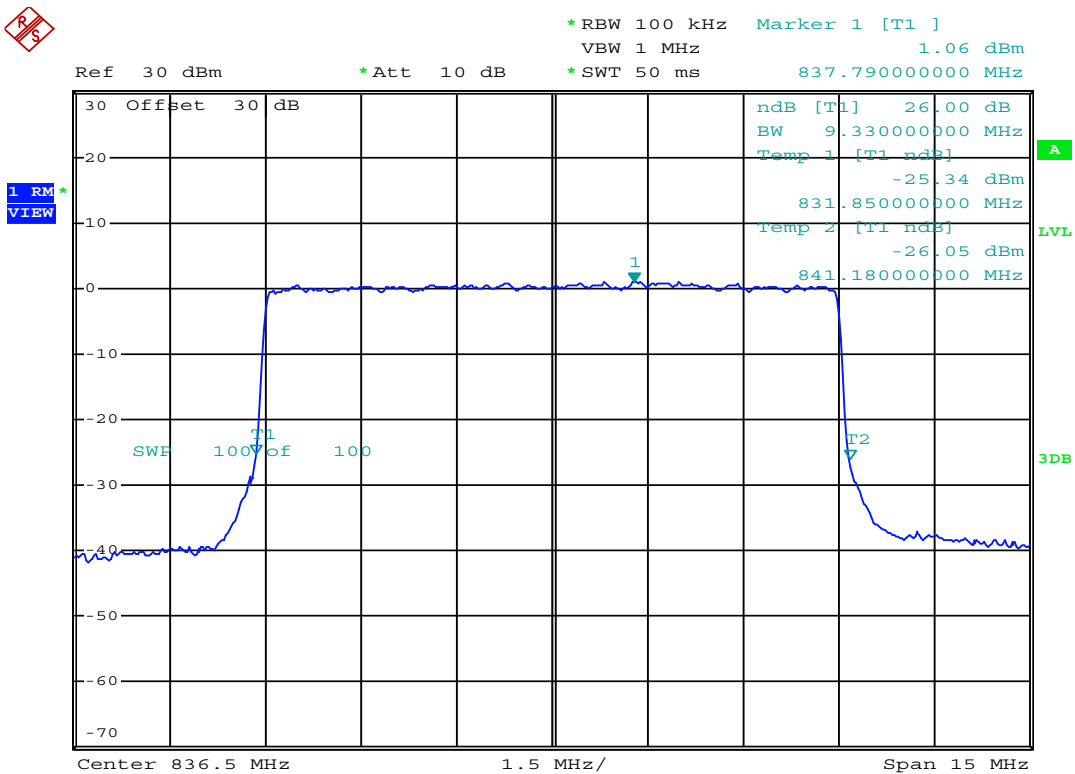
Date: 21.APR.2021 14:00:38

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	10.0	26dB Bandwidth (MHz):	9.36
EARFCN:	20525	Resource Blocks (RB):	50		
RB Offset:	0	Modulation:	QPSK		

Date: 21.APR.2021 13:59:44

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	10.0	26dB Bandwidth (MHz):	9.33
EARFCN:	20525	Resource Blocks (RB):	50		
RB Offset:	0	Modulation:	16QAM		

26dB Bandwidth: LTE Band 5



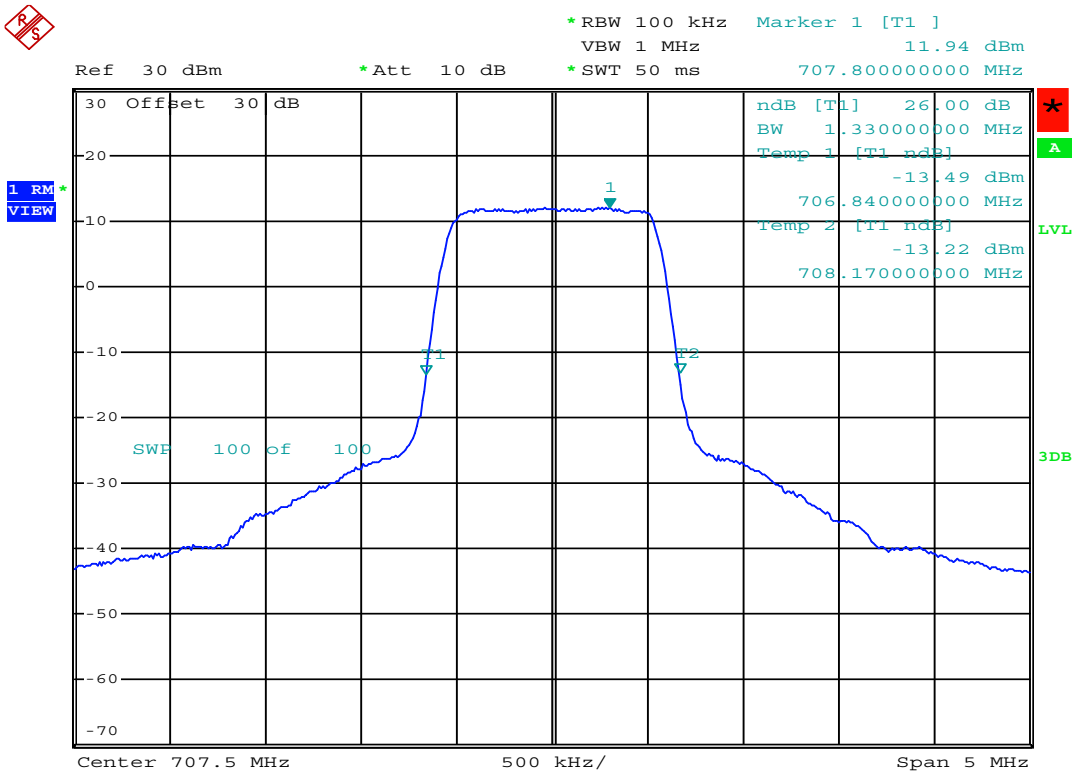
Date: 21.APR.2021 13:57:53

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	10.0	26dB Bandwidth (MHz):	9.33
EARFCN:	20525	Resource Blocks (RB):	50		
RB Offset:	0	Modulation:	64QAM		

26dB Bandwidth Measurement Results

Channel Frequency (MHz)	Nominal Channel BW (MHz)	EARFCN	Resource Blocks	RB Offset	Modulation	Measured 26dB Bandwidth (MHz)	1% 26dB BW (kHz)
707.5	1.4	23095	6	0	QPSK	1.33	13.3
707.5	1.4	23095	6	0	16QAM	1.34	13.4
707.5	1.4	23095	6	0	64QAM	1.34	13.4
707.5	3	23095	15	0	QPSK	2.96	29.6
707.5	3	23095	15	0	16QAM	2.97	29.7
707.5	3	23095	15	0	64QAM	2.96	29.6
707.5	5	23095	25	0	QPSK	4.80	48.0
707.5	5	23095	25	0	16QAM	4.80	48.0
707.5	5	23095	25	0	64QAM	4.78	47.8
707.5	10	23095	50	0	QPSK	9.33	93.3
707.5	10	23095	50	0	16QAM	9.33	93.3
707.5	10	23095	50	0	64QAM	9.33	93.3
Result:							n/a

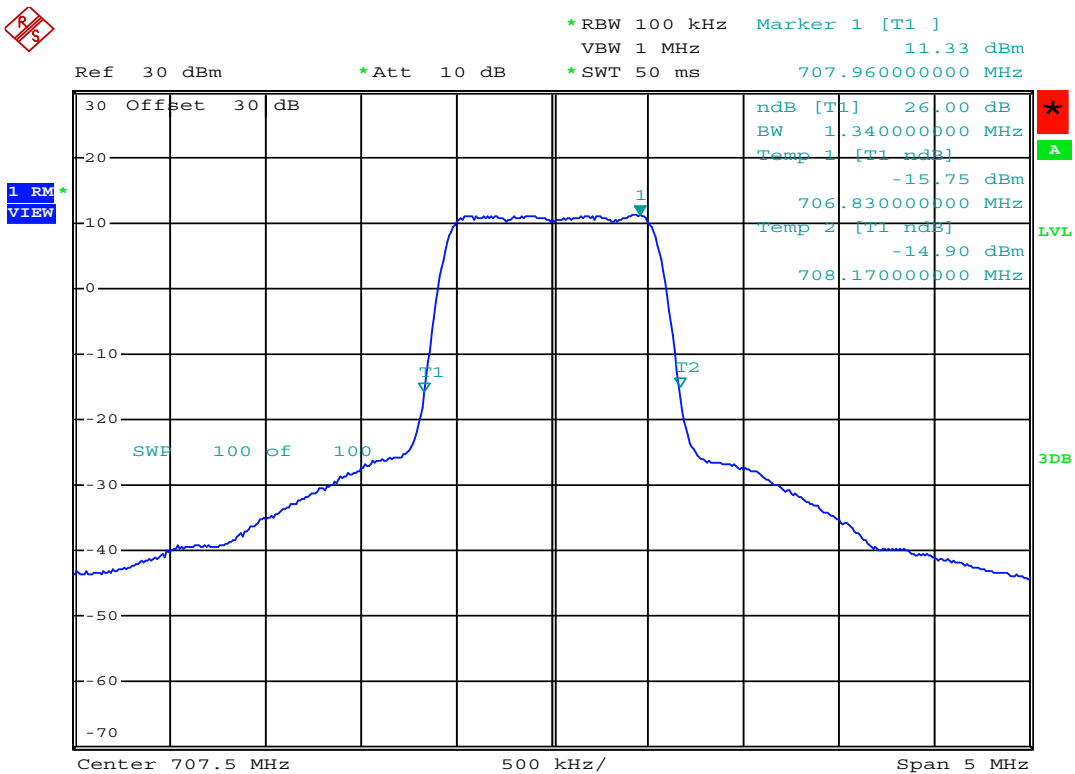
26dB Bandwidth: LTE Band 12



Date: 21.APR.2021 14:06:20

Channel Frequency (MHz): 707.5	Channel Bandwidth (MHz): 1.4	26dB Bandwidth (MHz): 1.33
EARFCN: 23095	Resource Blocks (RB): 6	
RB Offset: 0	Modulation: QPSK	

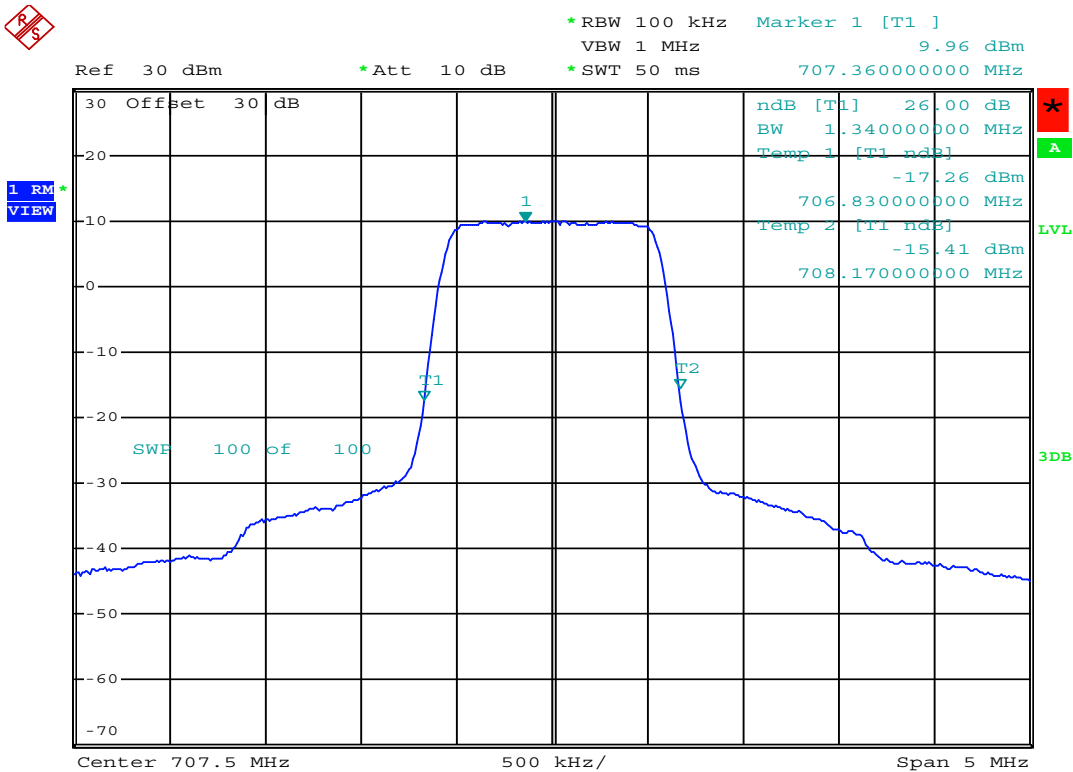
26dB Bandwidth: LTE Band 12



Date: 21.APR.2021 14:08:24

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	1.4	26dB Bandwidth (MHz):	1.34
EARFCN:	23095	Resource Blocks (RB):	6		
RB Offset:	0	Modulation:	16QAM		

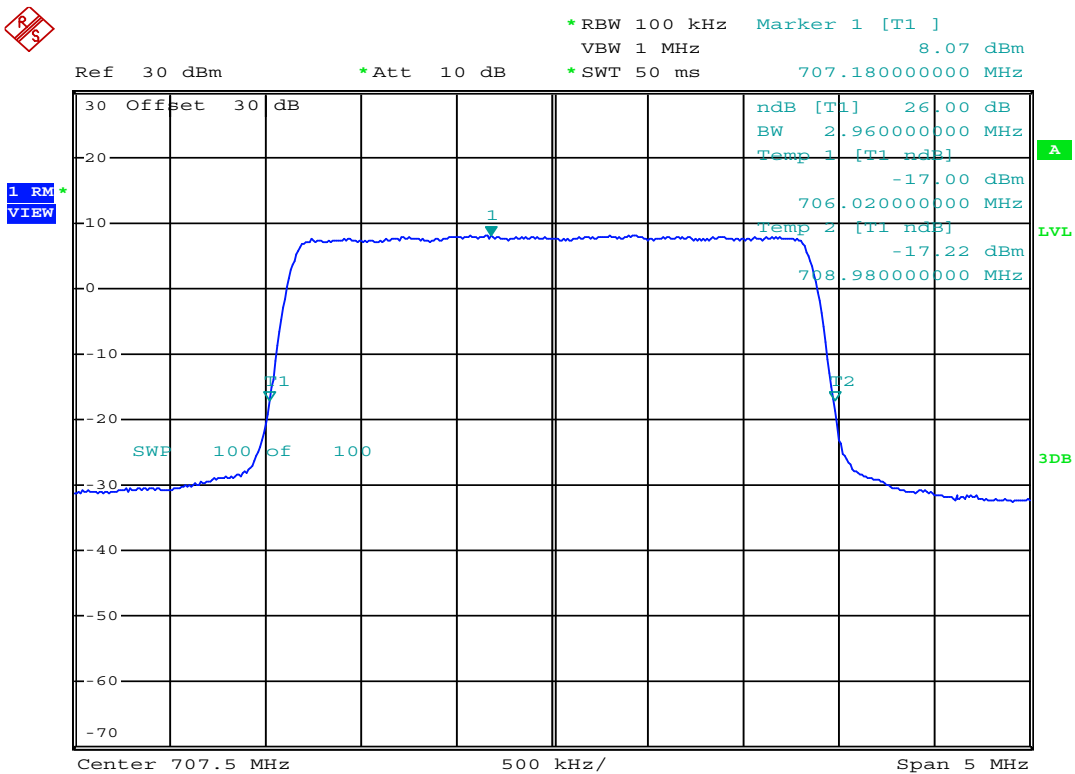
26dB Bandwidth: LTE Band 12



Date: 21.APR.2021 14:11:52

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	1.4		
EARFCN:	23095	Resource Blocks (RB):	6	26dB Bandwidth (MHz):	1.34
RB Offset:	0	Modulation:	64QAM		

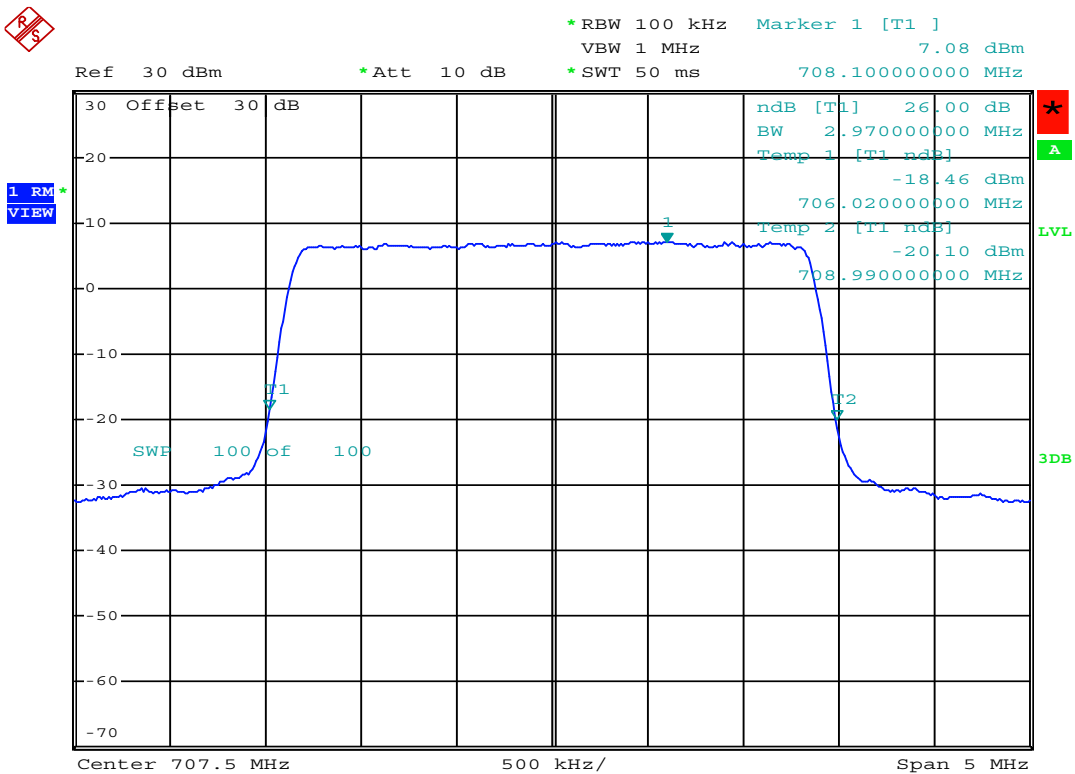
26dB Bandwidth: LTE Band 12



Date: 21.APR.2021 14:16:06

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	3.0	26dB Bandwidth (MHz):	2.96
EARFCN:	23095	Resource Blocks (RB):	15		
RB Offset:	0	Modulation:	QPSK		

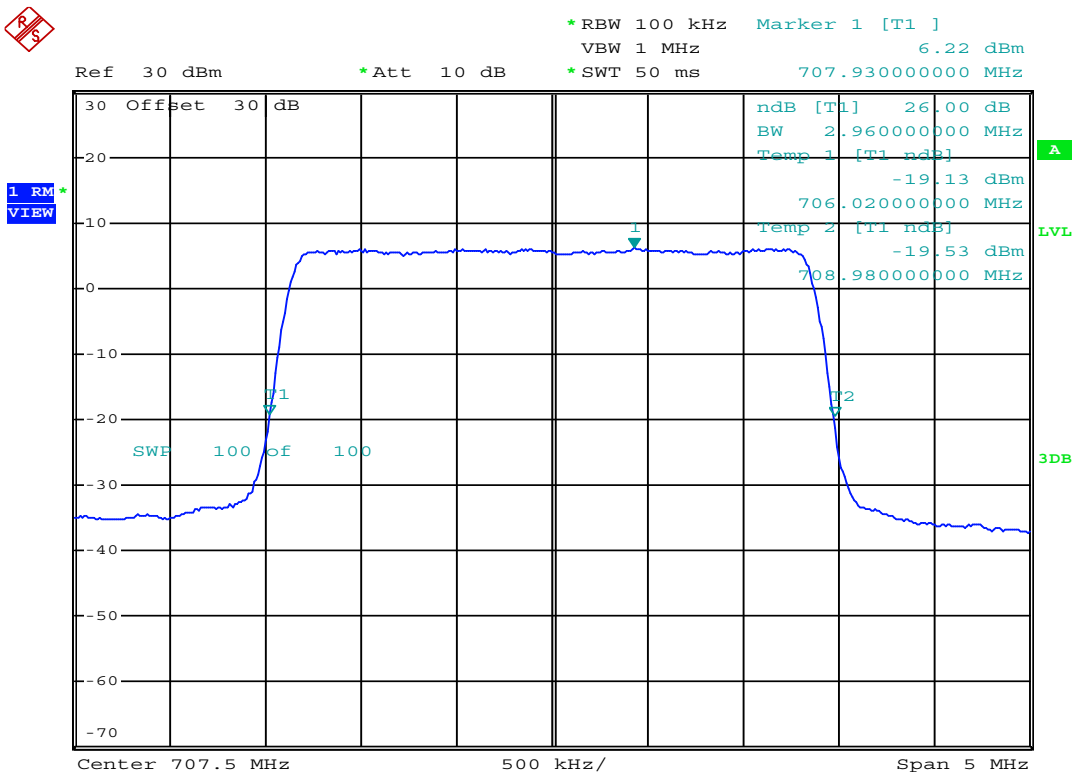
26dB Bandwidth: LTE Band 12



Date: 21.APR.2021 14:15:04

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	3.0	26dB Bandwidth (MHz):	2.97
EARFCN:	23095	Resource Blocks (RB):	15		
RB Offset:	0	Modulation:	16QAM		

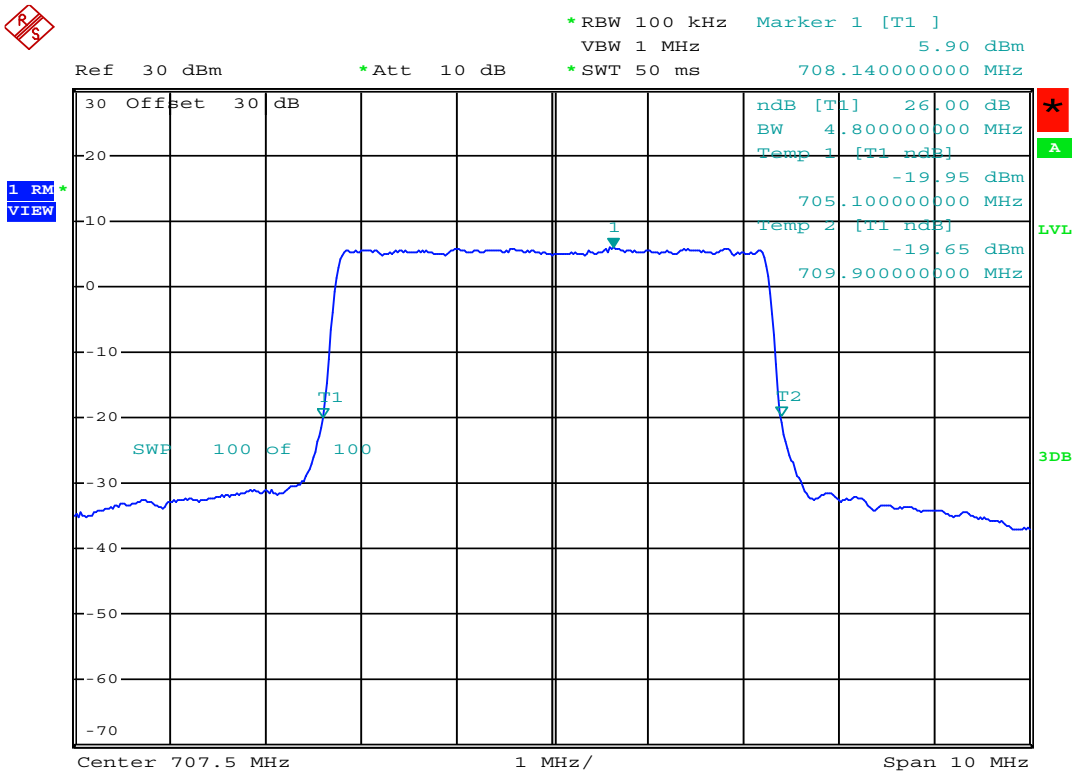
26dB Bandwidth: LTE Band 12



Date: 21.APR.2021 14:13:19

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	3.0	26dB Bandwidth (MHz):	2.96
EARFCN:	23095	Resource Blocks (RB):	15		
RB Offset:	0	Modulation:	64QAM		

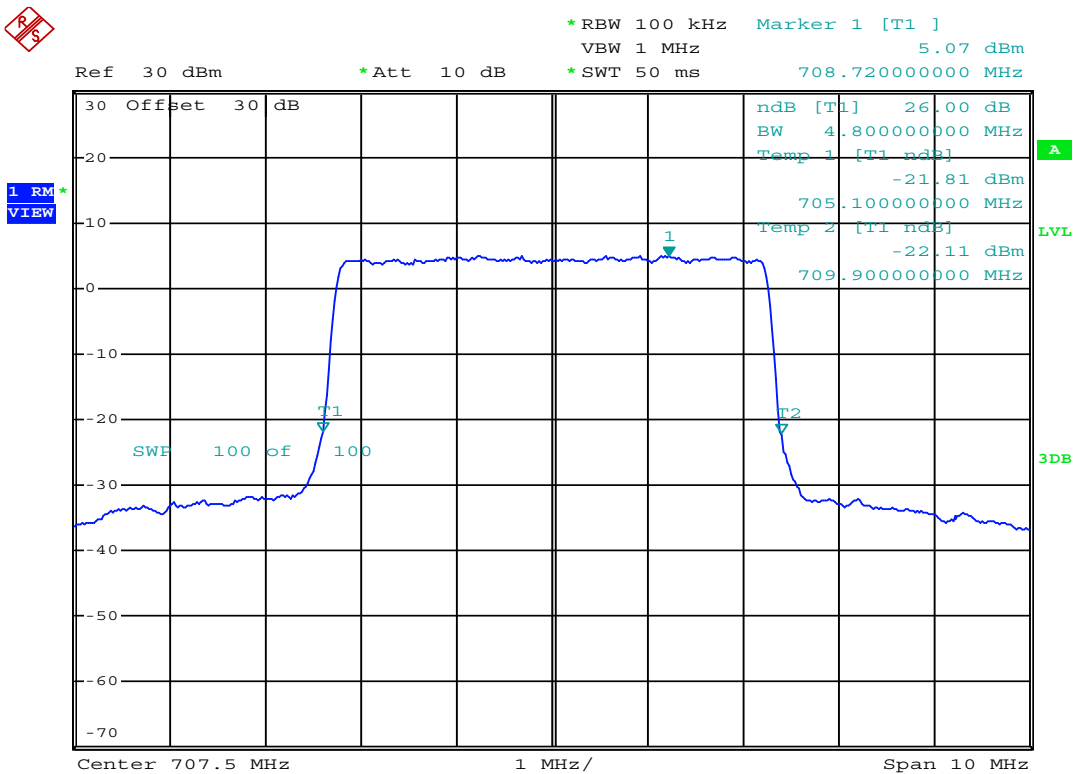
26dB Bandwidth: LTE Band 12



Date: 21.APR.2021 14:20:27

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	5.0	26dB Bandwidth (MHz):	4.8
EARFCN:	23095	Resource Blocks (RB):	25		
RB Offset:	0	Modulation:	QPSK		

26dB Bandwidth: LTE Band 12



Date: 21.APR.2021 14:21:42

Channel Frequency (MHz): **707.5**

Channel Bandwidth (MHz): **5.0**

EARFCN: **23095**

Resource Blocks (RB): **25**

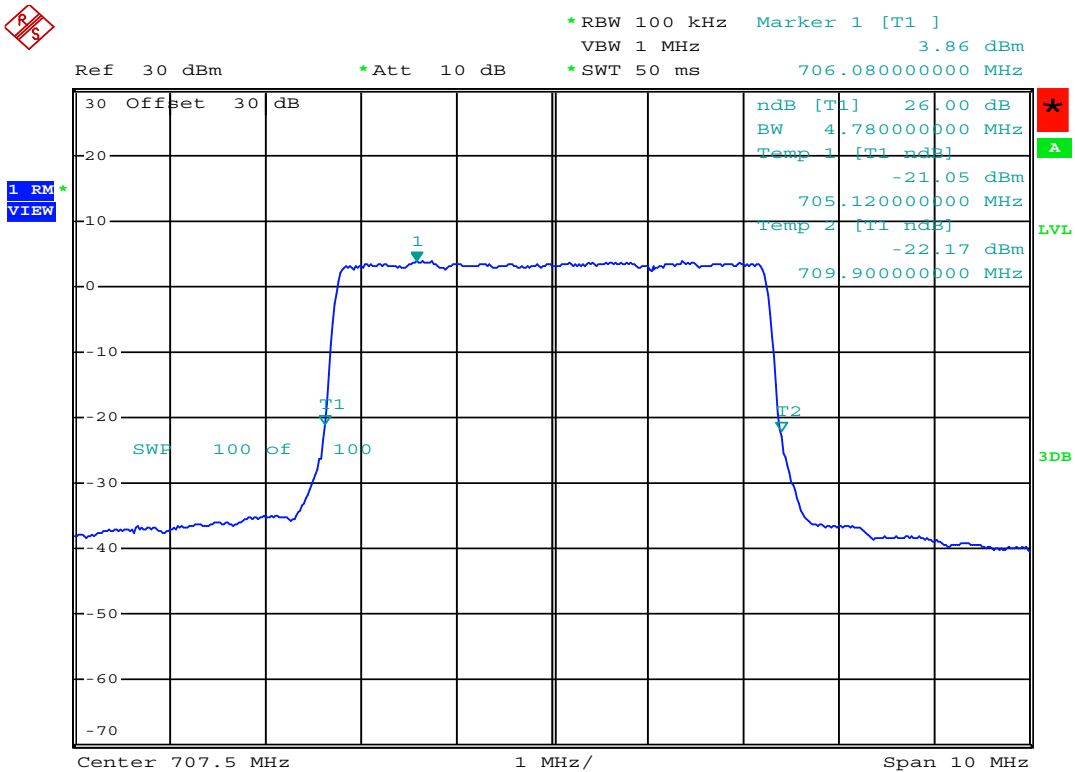
RB Offset: **0**

Modulation: **16QAM**

26dB Bandwidth (MHz):

4.8

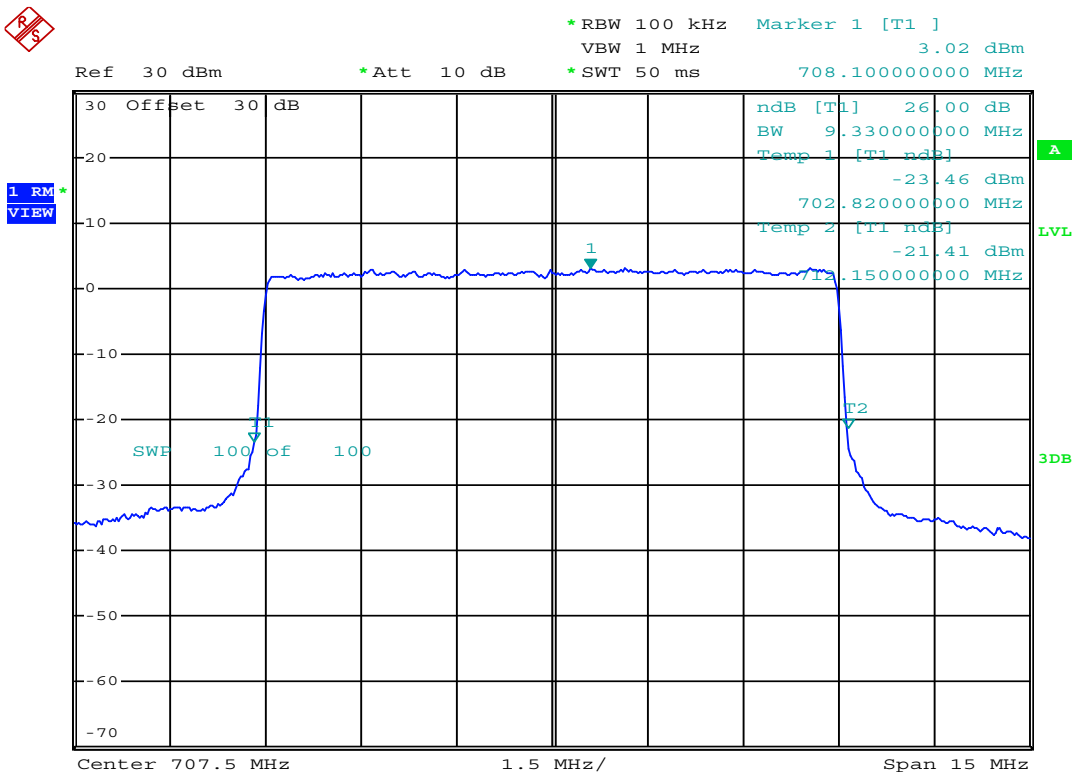
26dB Bandwidth: LTE Band 12



Date: 21.APR.2021 14:24:02

Channel Frequency (MHz): 707.5	Channel Bandwidth (MHz): 5.0	26dB Bandwidth (MHz): 4.78
EARFCN: 23095	Resource Blocks (RB): 25	
RB Offset: 0	Modulation: 64QAM	

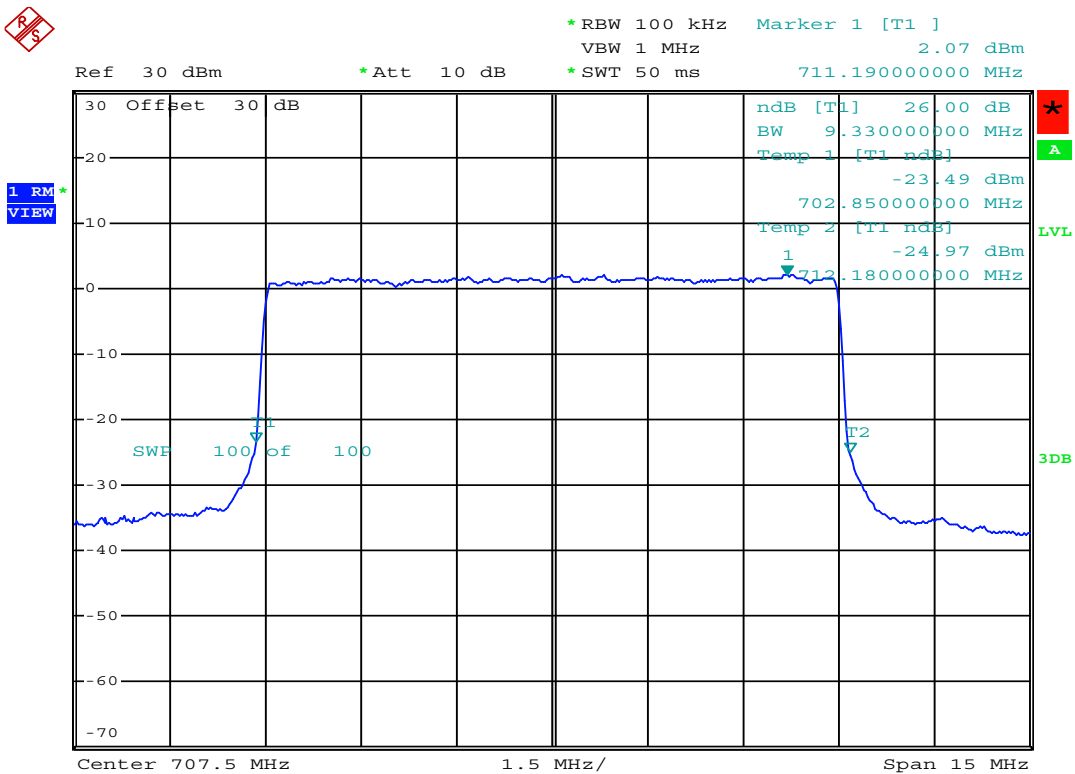
26dB Bandwidth: LTE Band 12



Date: 21.APR.2021 14:29:02

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	10.0	26dB Bandwidth (MHz):	9.33
EARFCN:	23095	Resource Blocks (RB):	50		
RB Offset:	0	Modulation:	QPSK		

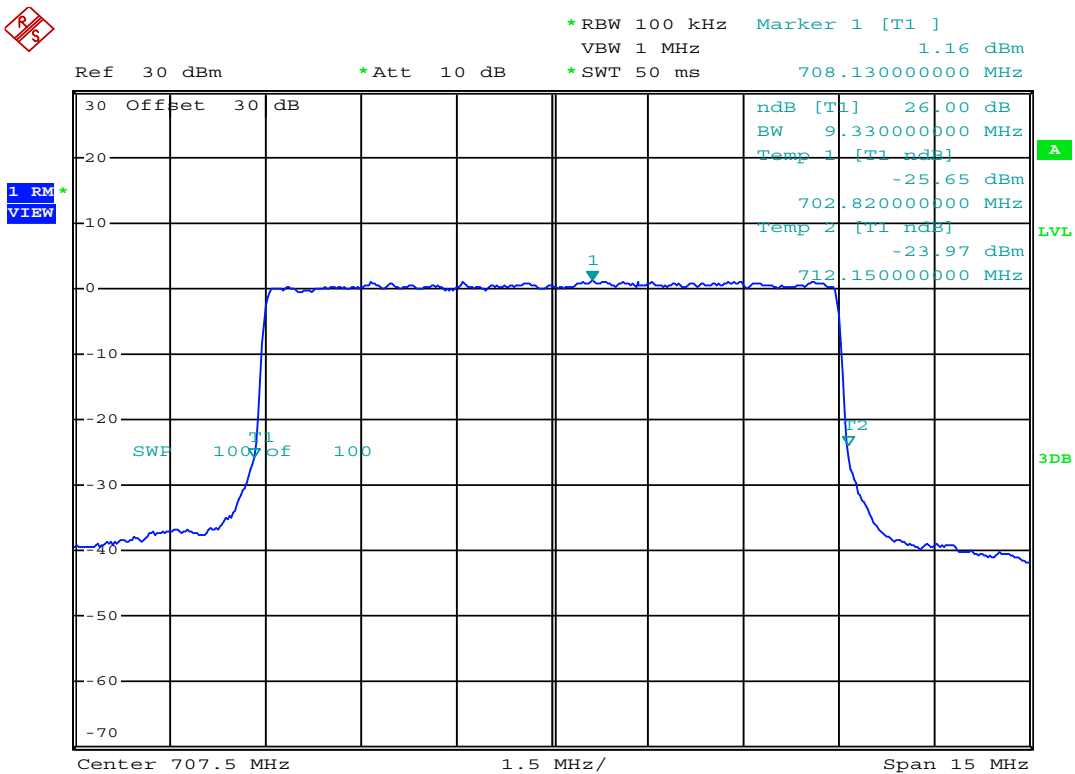
26dB Bandwidth: LTE Band 12



Date: 21.APR.2021 14:27:58

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	10.0	26dB Bandwidth (MHz):	9.33
EARFCN:	23095	Resource Blocks (RB):	50		
RB Offset:	0	Modulation:	16QAM		

26dB Bandwidth: LTE Band 12



Date: 21.APR.2021 14:26:14

Channel Frequency (MHz): 707.5	Channel Bandwidth (MHz): 10.0	26dB Bandwidth (MHz): 9.33
EARFCN: 23095	Resource Blocks (RB): 50	
RB Offset: 0	Modulation: 64QAM	