

Conducted Power Measurement Results

Channel Frequency (MHz)	Nominal Channel BW (MHz)	EARFCN	Resource Blocks	RB Offset	Modulation	Measured Conducted Power (dBm)	Dut Antenna Gain (dBi)	e.i.r.p. (dBm)	e.i.r.p. (W)	Limit (W)	Margin (dB)
1880	1.4	18900	1	3	QPSK	21.24	-2.15	19.09	0.081	2.00	13.9
1880	1.4	18900	1	3	16QAM	20.42		18.27	0.067		14.7
1880	1.4	18900	1	3	64QAM	19.37		17.22	0.053		15.8
1880	1.4	18900	6	0	QPSK	18.58		16.43	0.044		16.6
1880	1.4	18900	6	0	16QAM	19.48		17.33	0.054		15.7
1880	1.4	18900	6	0	64QAM	18.44		16.29	0.043		16.7
1880	3	18900	15	0	QPSK	20.45		18.30	0.068		14.7
1880	3	18900	15	0	16QAM	19.37		17.22	0.053		15.8
1880	3	18900	15	0	64QAM	18.45		16.30	0.043		16.7
1880	5	18900	25	0	QPSK	20.71		18.56	0.072		14.5
1880	5	18900	25	0	16QAM	19.79		17.64	0.058		15.4
1880	5	18900	25	0	64QAM	18.84		16.69	0.047		16.3
1880	10	18900	50	0	QPSK	20.70		18.55	0.072		14.5
1880	10	18900	50	0	16QAM	18.71		16.56	0.045		16.5
1880	10	18900	50	0	64QAM	18.78		16.63	0.046		16.4
1880	15	18900	75	0	QPSK	20.67		18.52	0.071		14.5
1880	15	18900	75	0	16QAM	19.65		17.50	0.056		15.5
1880	15	18900	75	0	64QAM	18.74		16.59	0.046		16.4
1880	20	18900	100	0	QPSK	20.61		18.46	0.070		14.6
1880	20	18900	100	0	16QAM	19.70		17.55	0.057		15.5
1880	20	18900	100	0	64QAM	18.75	16.60	0.046	16.4		
											Complies

Conducted Power: LTE Band 2

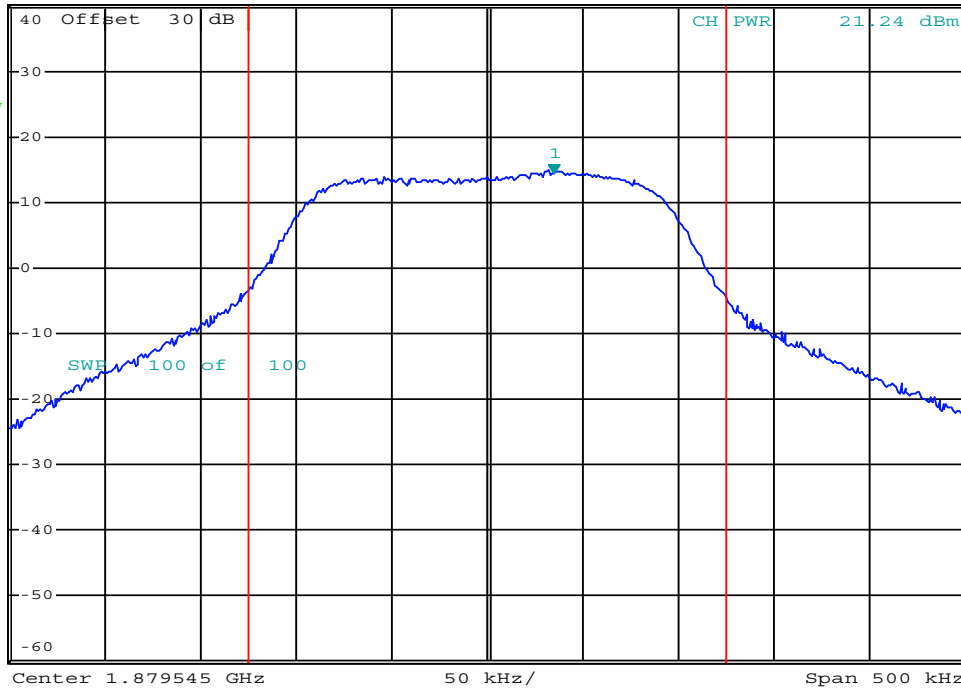


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 14.32 dBm
 *SWT 50 ms 1.879580000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 15:17:22

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 1.4
EARFCN: 18900	Resource Blocks (RB): 1
RB Offset: 3	Modulation: QPSK

Conducted Power (dBm): **21.24**

Conducted Power: LTE Band 2

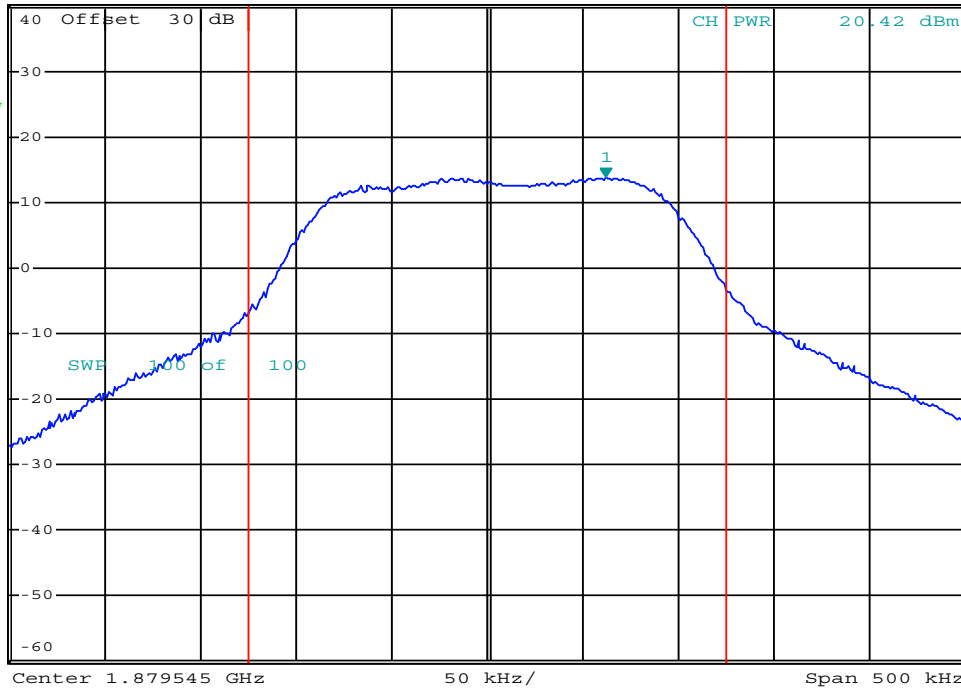


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 13.82 dBm
 *SWT 50 ms 1.879607000 GHz

Ref 40 dBm

*Att 10 dB

1 RM*
 VIEW



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3DB

Date: 21.APR.2021 15:18:24

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **1.4**

EARFCN: **18900**

Resource Blocks (RB): **1**

RB Offset: **3**

Modulation: **16QAM**

Conducted Power (dBm): **20.42**

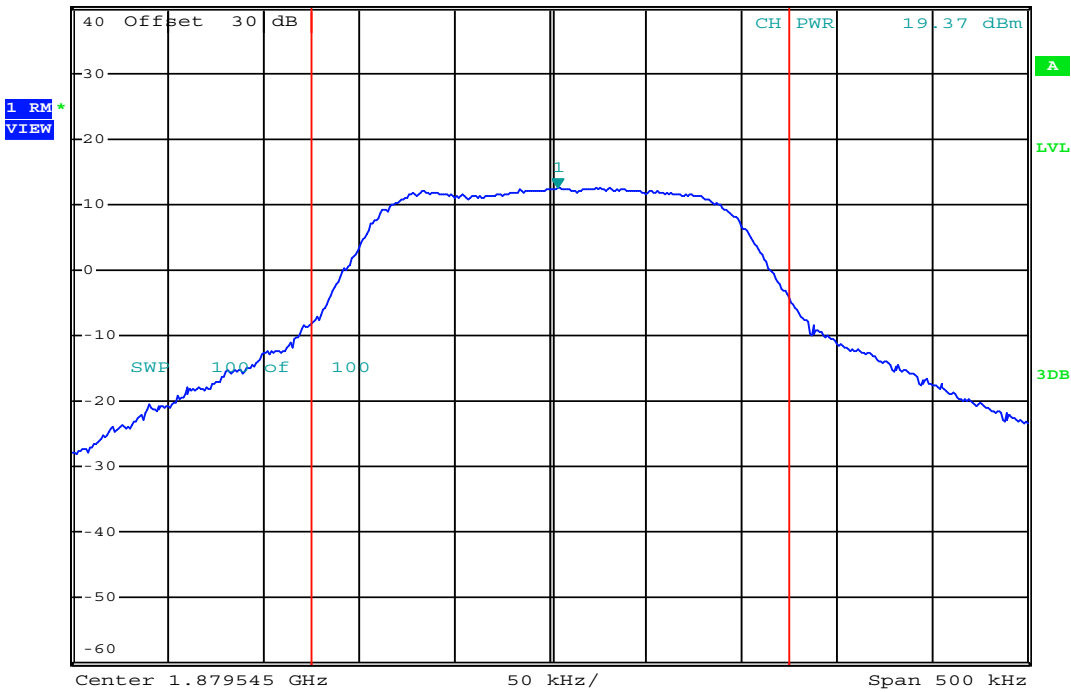

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* RBW 30 kHz      Marker 1 [T1 ]
  VBW 300 kHz      12.59 dBm
* SWT 50 ms        1.879549000 GHz
```

Ref 40 dBm

*Att 10 dB

* SWT 50 ms

1.879549000 GHz



Date: 21.APR.2021 15:19:22

Channel Frequency (MHz): **1880.0**Channel Bandwidth (MHz): **1.4**

EARFCN: **18900**

Resource Blocks (RB): 1

RB Offset: **3**Modulation: **64QAM**

Conducted Power (dBm):	19.37
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Conducted Power: LTE Band 2

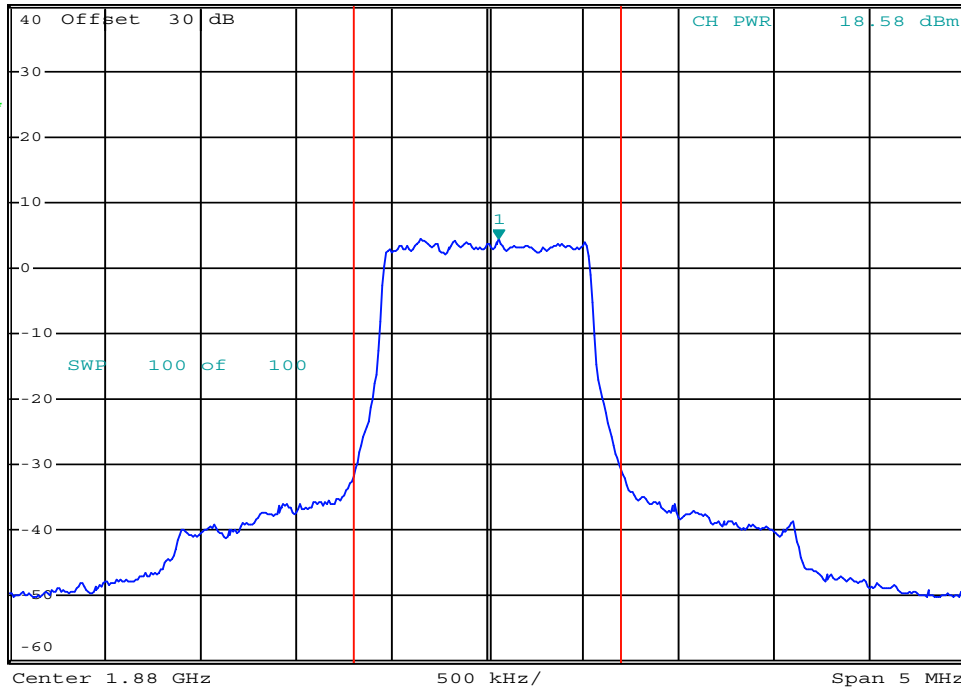


*RBW 30 kHz Marker 1 [T1]
VBW 300 kHz 4.46 dBm
*SWT 50 ms 1.880060000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
VIEW



Date: 21.APR.2021 15:37:03

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **1.4**

EARFCN: **18900**

Resource Blocks (RB): **6**

RB Offset: **0**

Modulation: **QPSK**

Conducted Power (dBm):

18.58

Conducted Power: LTE Band 2

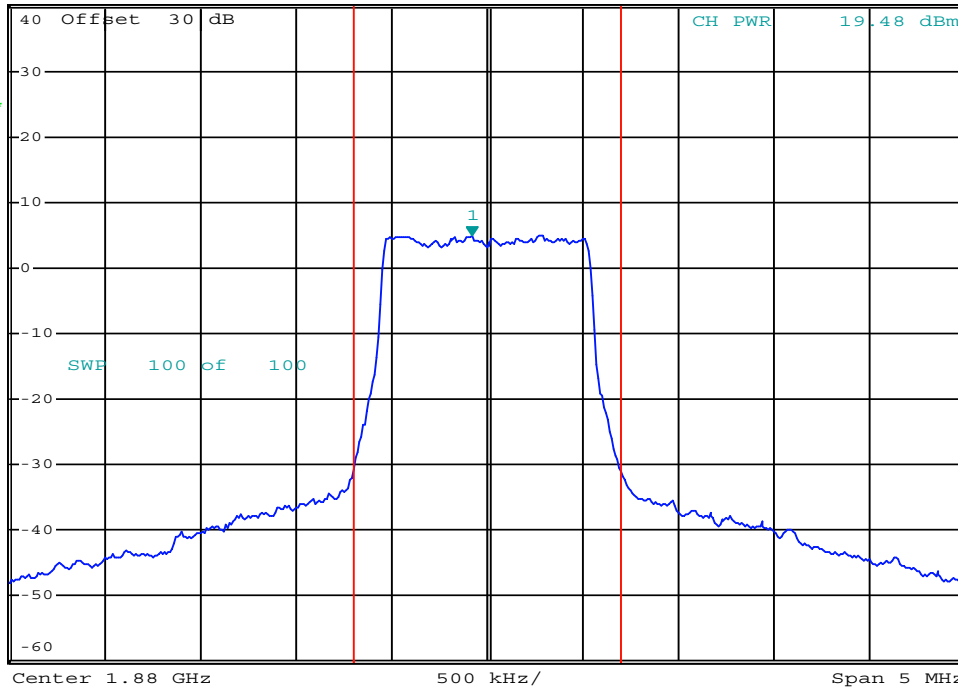


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 4.94 dBm
 *SWT 50 ms 1.879920000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 15:36:00

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

Conducted Power (dBm): **19.48**

Conducted Power: LTE Band 2

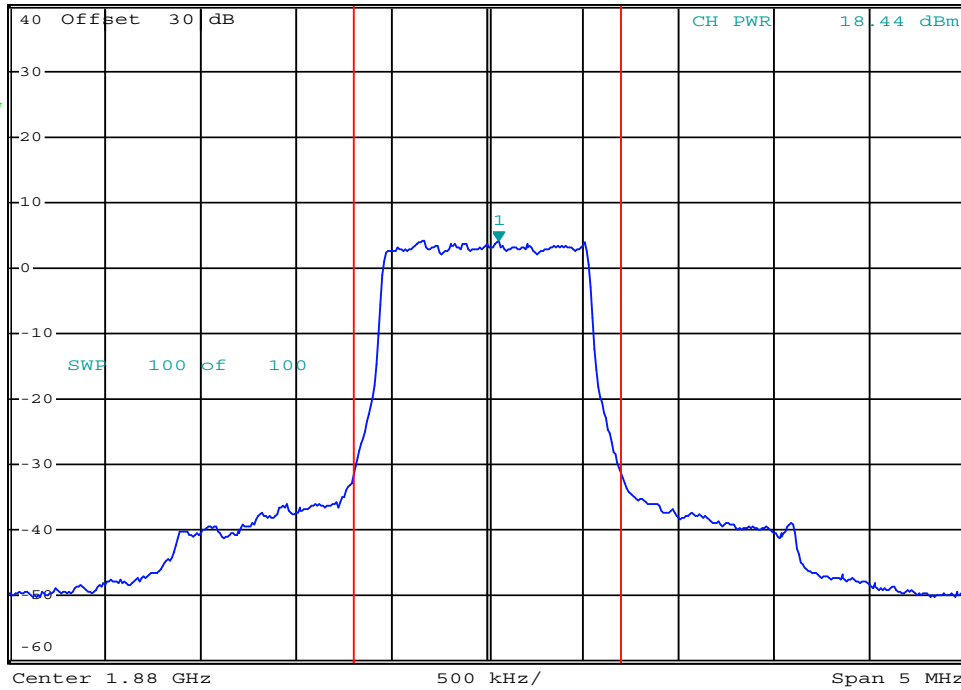


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 4.27 dBm
 *SWT 50 ms 1.880060000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 15:34:49

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **1.4**

EARFCN: **18900**

Resource Blocks (RB): **6**

RB Offset: **0**

Modulation: **64QAM**

Conducted Power (dBm): **18.44**

Conducted Power: LTE Band 2

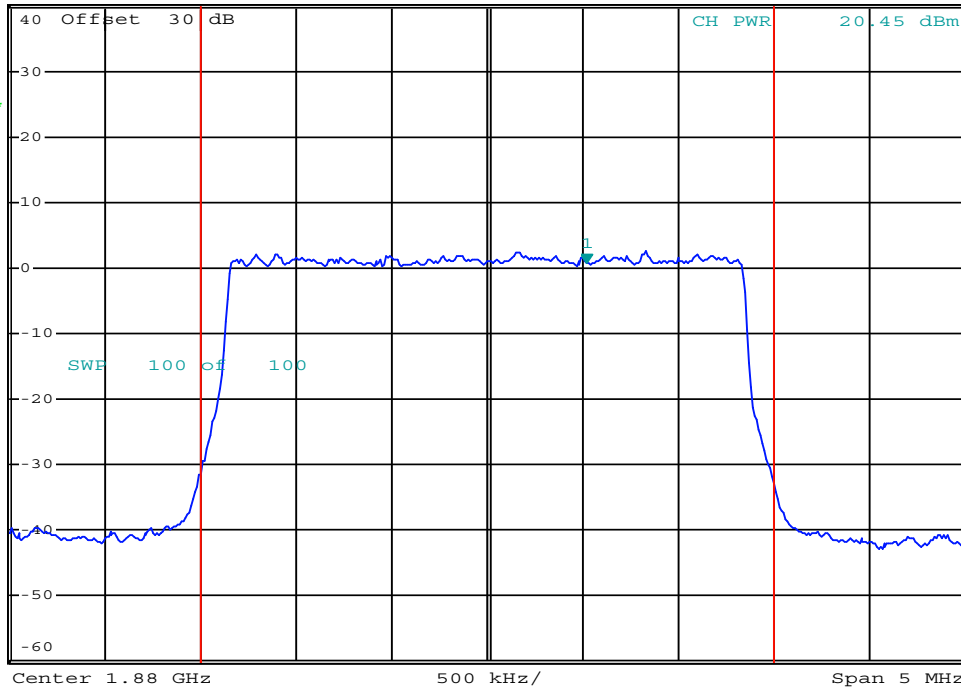


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 0.70 dBm
 *SWT 50 ms 1.880520000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 15:43:54

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **3.0**

EARFCN: **18900**

Resource Blocks (RB): **15**

RB Offset: **0**

Modulation: **QPSK**

Conducted Power (dBm): **20.45**

Conducted Power: LTE Band 2

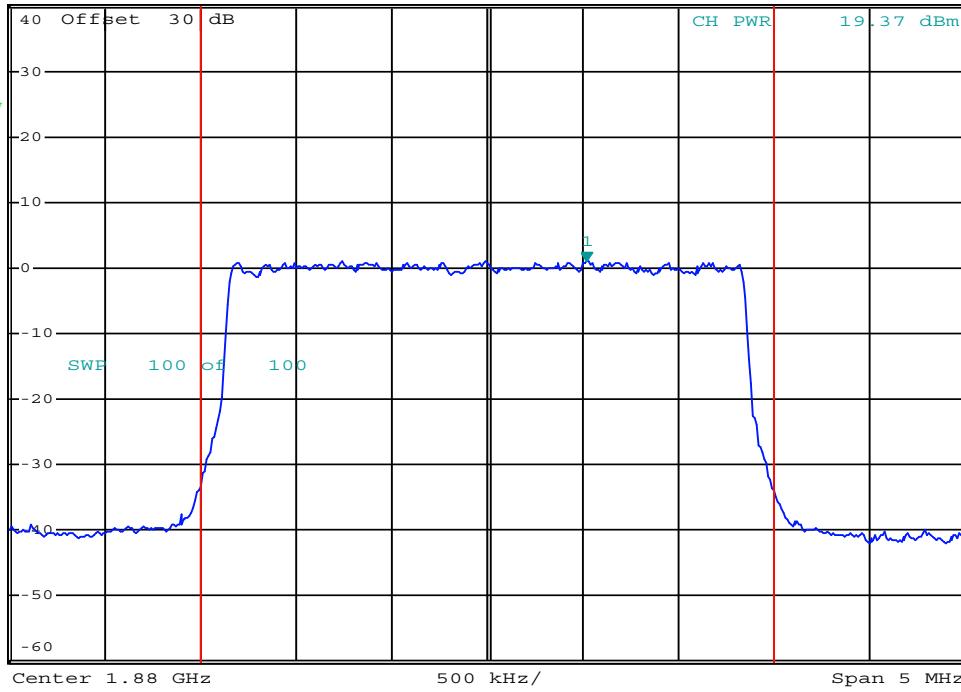


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 1.07 dBm
 *SWT 50 ms 1.880520000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 15:42:49

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 3.0	Conducted Power (dBm): 19.37
EARFCN: 18900	Resource Blocks (RB): 15	
RB Offset: 0	Modulation: 16QAM	

Conducted Power: LTE Band 2

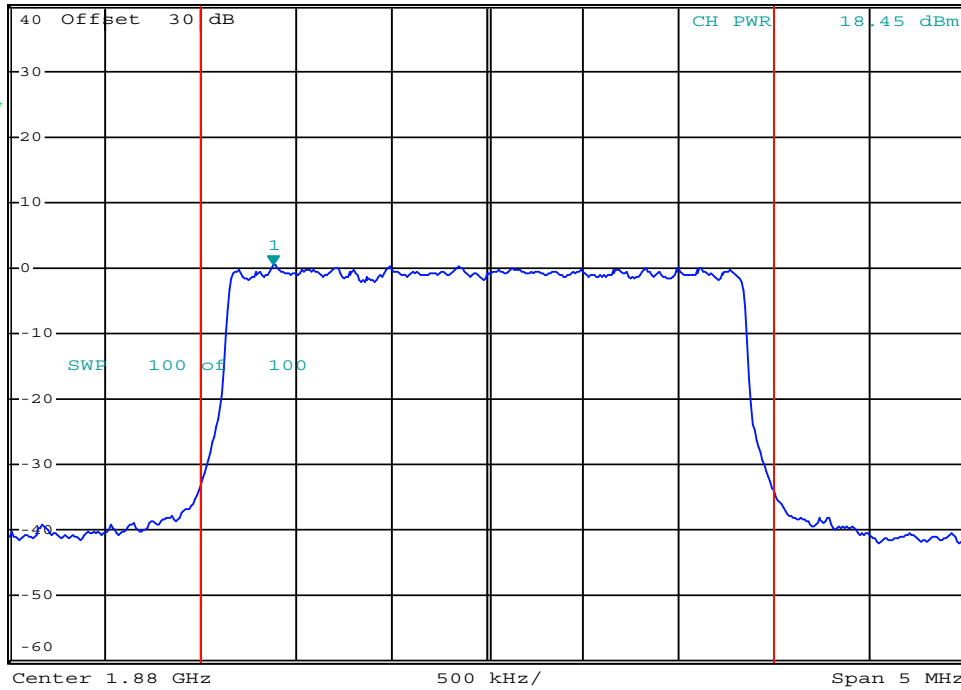


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 0.55 dBm
 *SWT 50 ms 1.878880000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 15:41:51

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **3.0**

EARFCN: **18900**

Resource Blocks (RB): **15**

RB Offset: **0**

Modulation: **64QAM**

Conducted Power (dBm):

18.45

Conducted Power: LTE Band 2

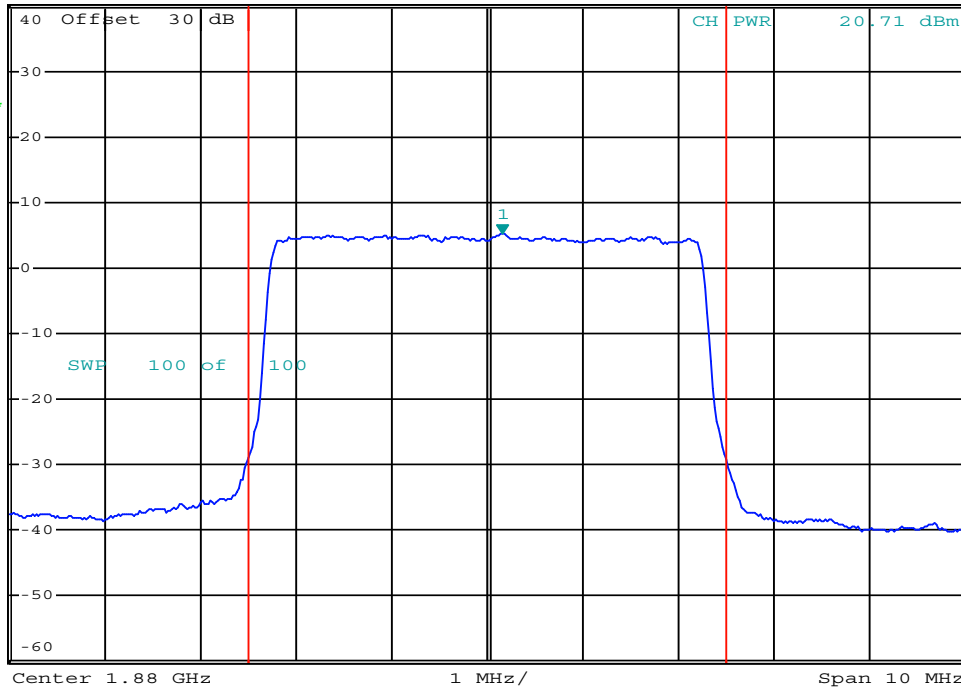


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 5.23 dBm
 *SWT 50 ms 1.880160000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 15:48:38

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **5.0**

EARFCN: **18900**

Resource Blocks (RB): **25**

RB Offset: **0**

Modulation: **QPSK**

Conducted Power (dBm): **20.71**

Conducted Power: LTE Band 2

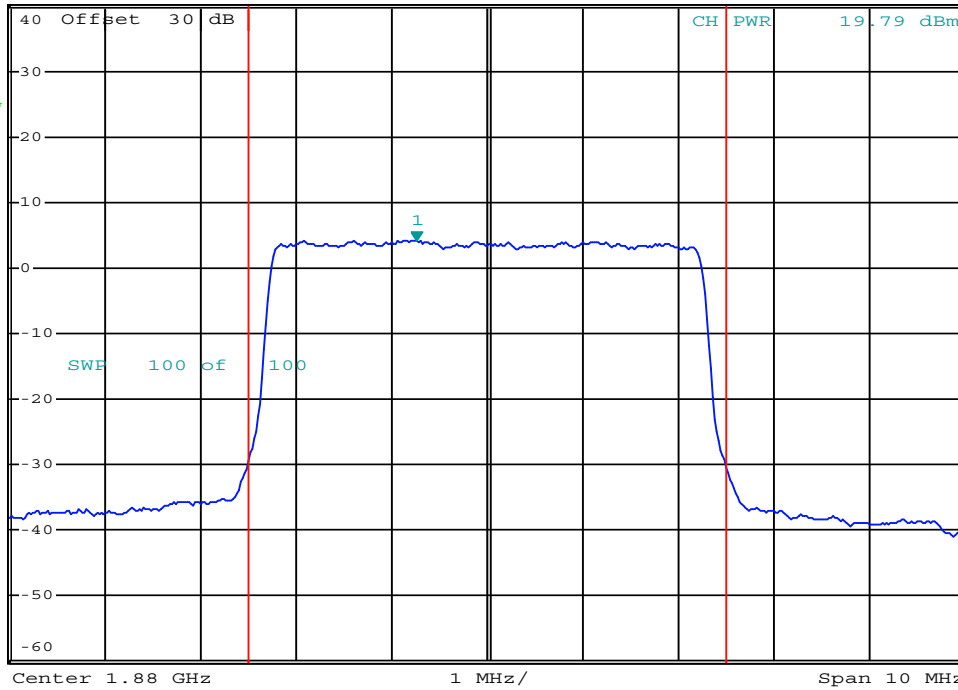


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 4.22 dBm
 *SWT 50 ms 1.879260000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 15:49:36

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **5.0**

EARFCN: **18900**

Resource Blocks (RB): **25**

RB Offset: **0**

Modulation: **16QAM**

Conducted Power (dBm):

19.79

Conducted Power: LTE Band 2

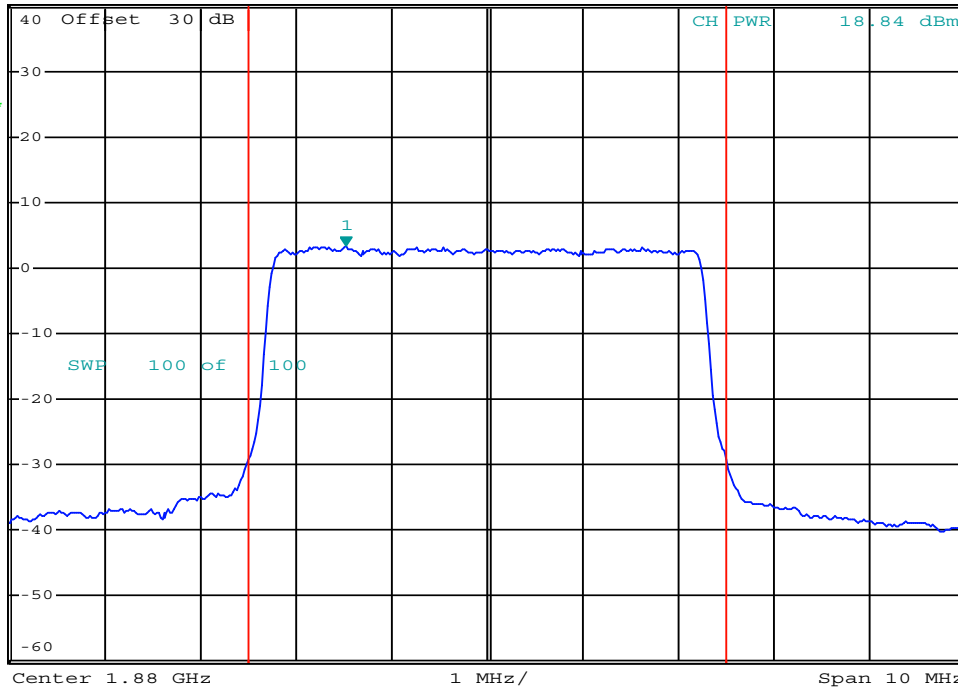


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 3.26 dBm
 *SWT 50 ms 1.878520000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 15:50:38

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **5.0**

EARFCN: **18900**

Resource Blocks (RB): **25**

RB Offset: **0**

Modulation: **64QAM**

Conducted Power (dBm): **18.84**

Conducted Power: LTE Band 2

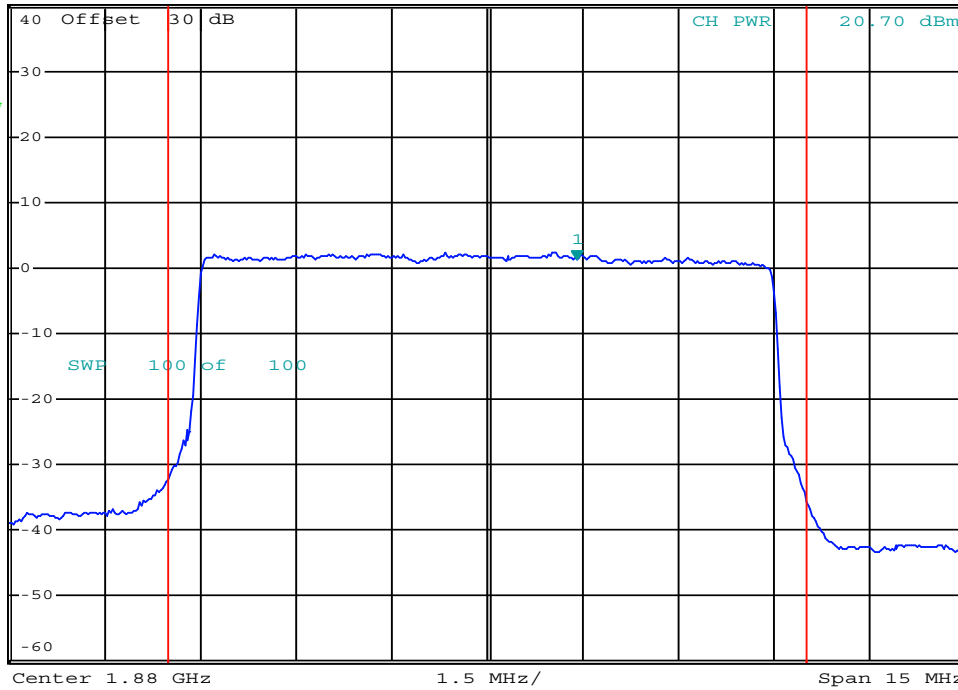


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 1.42 dBm
 *SWT 50 ms 1.881410000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 15:57:37

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **10.0**

EARFCN: **18900**

Resource Blocks (RB): **50**

RB Offset: **0**

Modulation: **QPSK**

Conducted Power (dBm):

20.7

Conducted Power: LTE Band 2

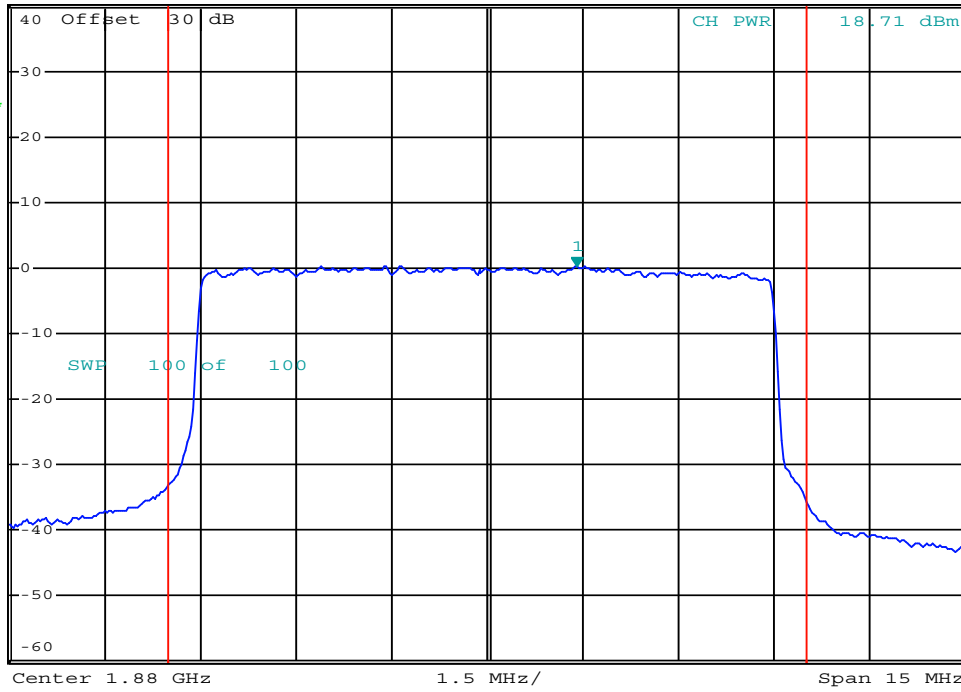


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 0.34 dBm
 *SWT 50 ms 1.881410000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 15:56:01

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **10.0**

EARFCN: **18900**

Resource Blocks (RB): **50**

RB Offset: **0**

Modulation: **16QAM**

Conducted Power (dBm): **18.71**

Conducted Power: LTE Band 2

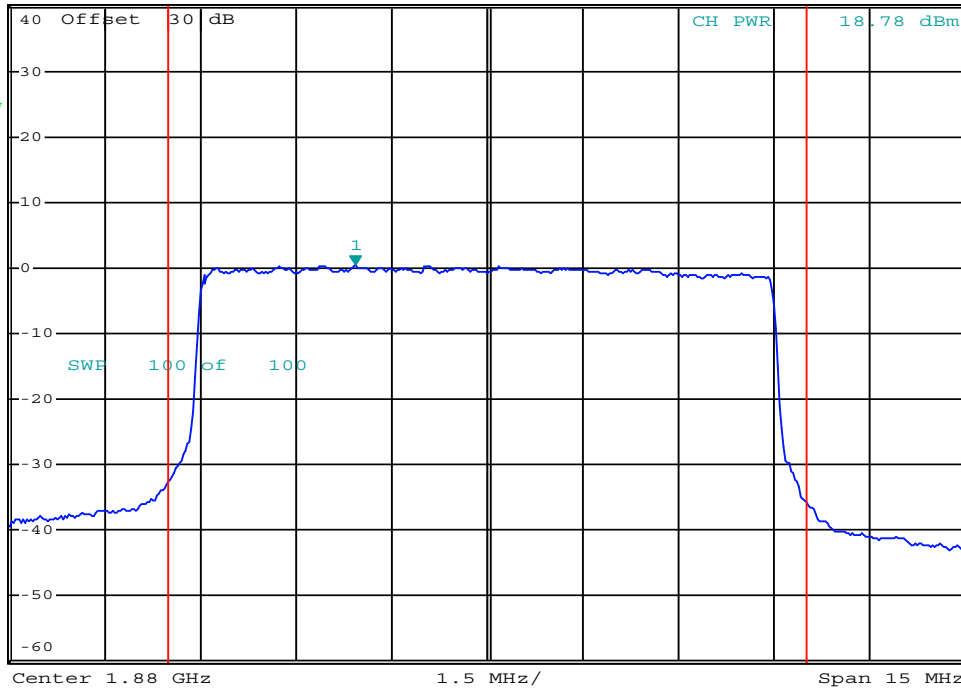


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 0.42 dBm
 *SWT 50 ms 1.877930000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW

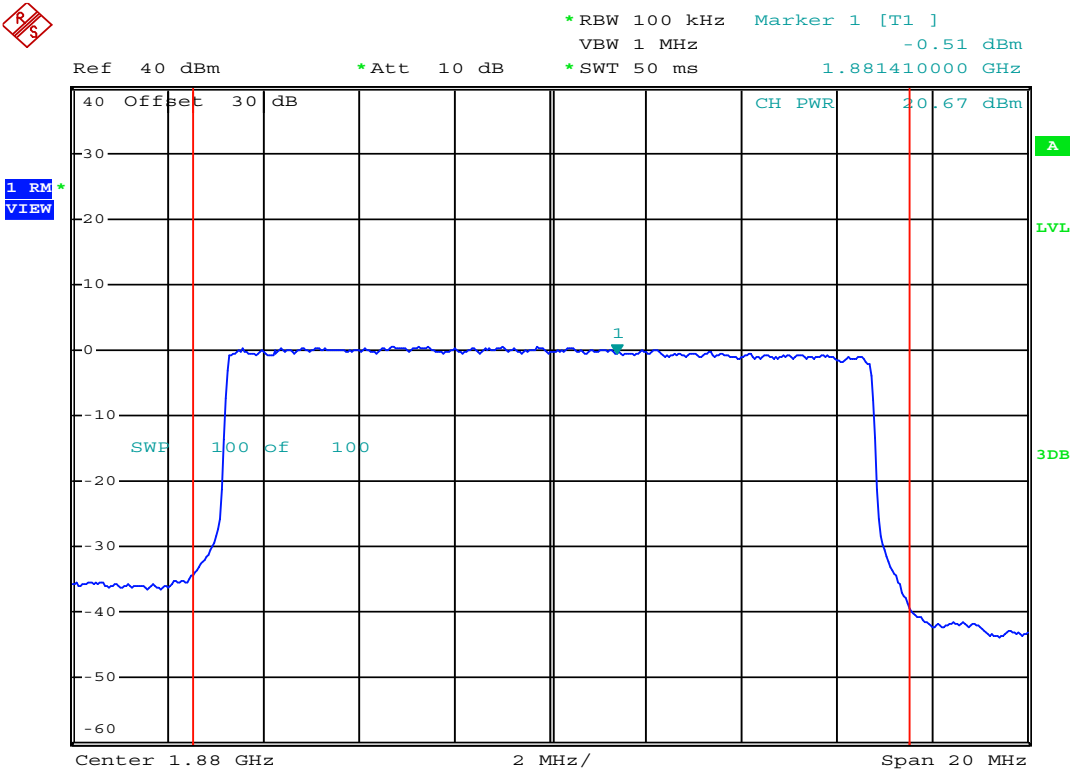


Date: 21.APR.2021 15:52:26

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 10.0
EARFCN: 18900	Resource Blocks (RB): 50
RB Offset: 0	Modulation: 64QAM

Conducted Power (dBm): **18.78**

Conducted Power: LTE Band 2



Date: 21.APR.2021 15:59:46

Channel Frequency (MHz):	1880.0	Channel Bandwidth (MHz):	15.0	Conducted Power (dBm):	20.67
EARFCN:	18900	Resource Blocks (RB):	75		
RB Offset:	0	Modulation:	QPSK		

Conducted Power: LTE Band 2

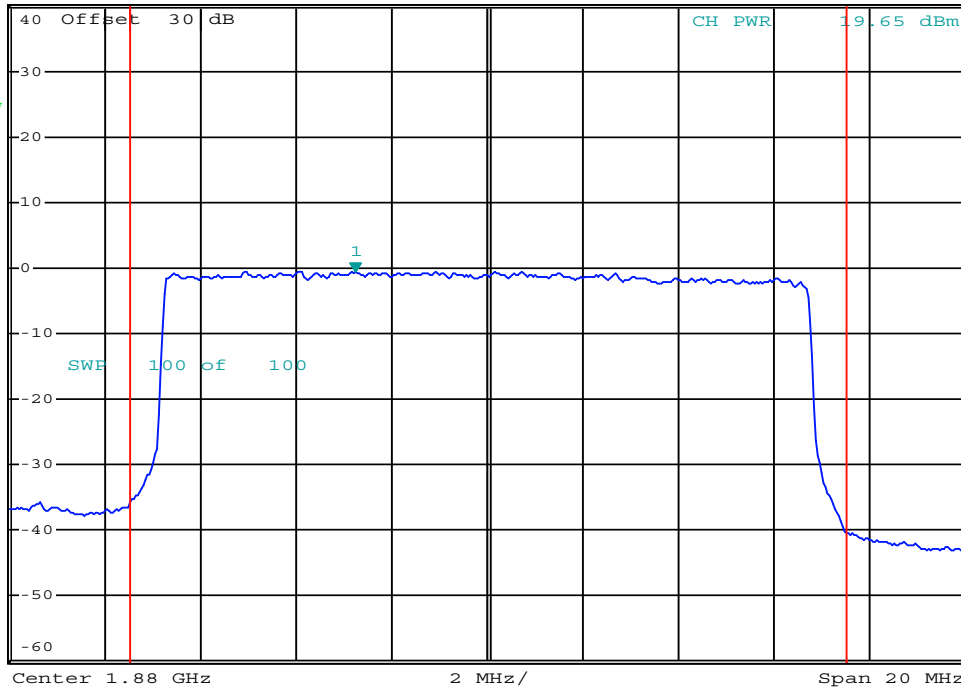


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz -0.45 dBm
 *SWT 50 ms 1.877240000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 16:00:42

Channel Frequency (MHz): 1880.0	Channel Bandwidth (MHz): 15.0	Conducted Power (dBm): 19.65
EARFCN: 18900	Resource Blocks (RB): 75	
RB Offset: 0	Modulation: 16QAM	

Conducted Power: LTE Band 2



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz -1.12 dBm
 *Att 10 dB
 *SWT 50 ms 1.875320000 GHz

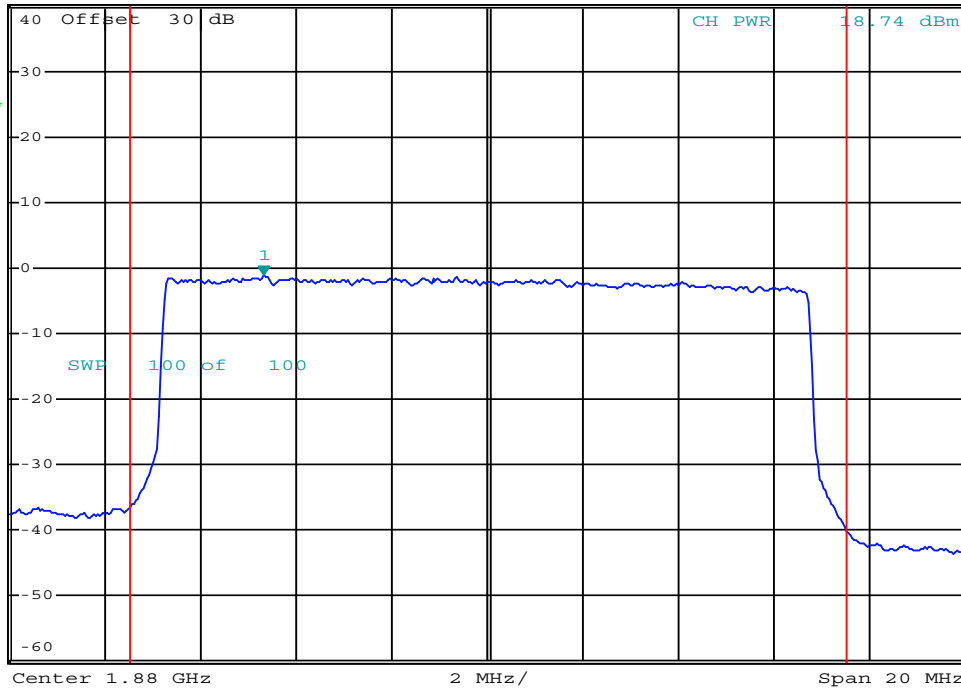
Ref 40 dBm

*Att 10 dB

*SWT 50 ms

1.875320000 GHz

1 RM
 VIEW



Date: 21.APR.2021 16:04:08

Channel Frequency (MHz):	1880.0	Channel Bandwidth (MHz):	15.0	Conducted Power (dBm):	18.74
EARFCN:	18900	Resource Blocks (RB):	75		
RB Offset:	0	Modulation:	64QAM		

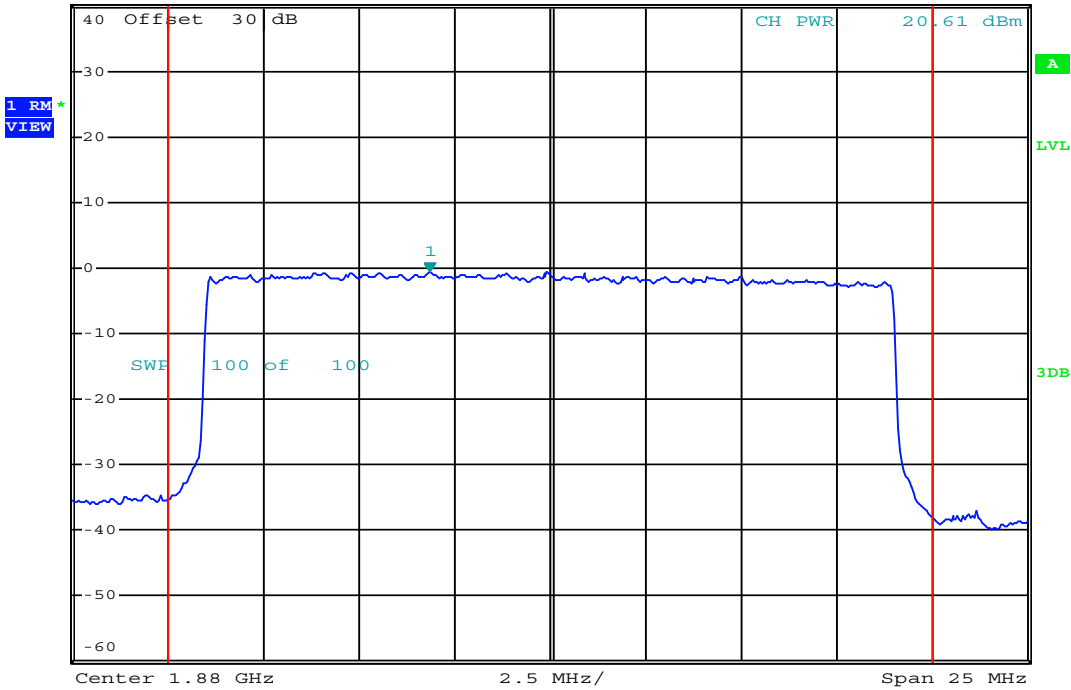
Conducted Power: LTE Band 2



*RBW 100 kHz Marker 1 [T1]
VBW 1 MHz -0.55 dBm
*SWT 50 ms 1.876850000 GHz

Ref 40 dBm

*Att 10 dB



Date: 21.APR.2021 16:09:19

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **20.0**

EARFCN: **18900**

Resource Blocks (RB): **100**

RB Offset: **0**

Modulation: **QPSK**

Conducted Power (dBm): **20.61**

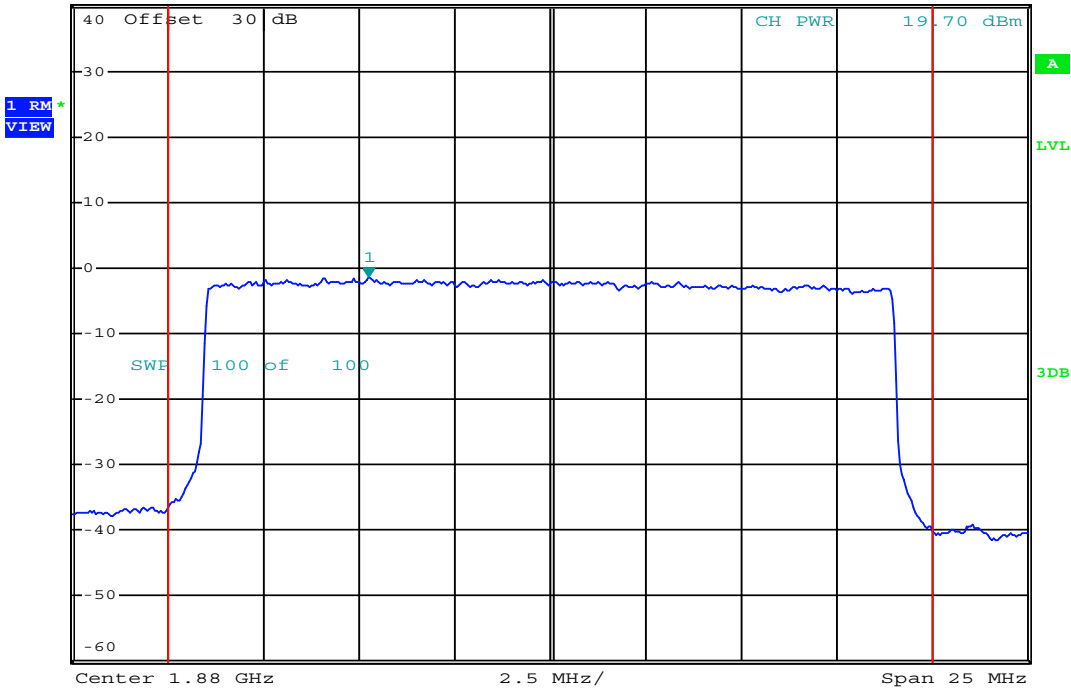
Conducted Power: LTE Band 2



*RBW 100 kHz Marker 1 [T1]
VBW 1 MHz -1.41 dBm
*SWT 50 ms 1.875250000 GHz

Ref 40 dBm

*Att 10 dB



Date: 21.APR.2021 16:08:19

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **20.0**

EARFCN: **18900**

Resource Blocks (RB): **100**

RB Offset: **0**

Modulation: **16QAM**

Conducted Power (dBm): **19.7**

Conducted Power: LTE Band 2

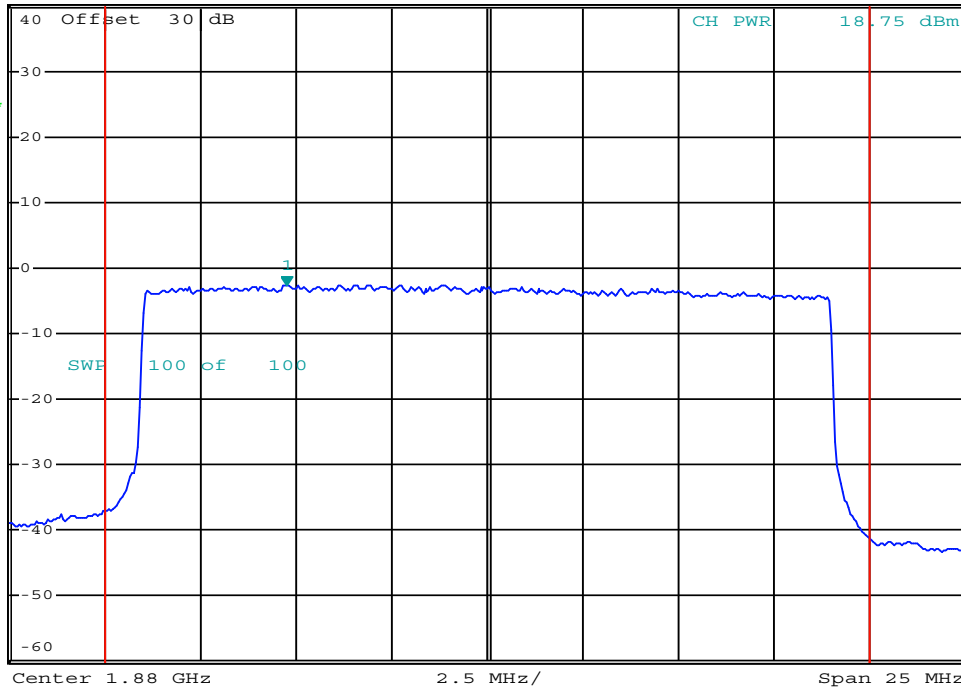


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz -2.52 dBm
 *SWT 50 ms 1.874750000 GHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 21.APR.2021 16:07:17

Channel Frequency (MHz):	1880.0	Channel Bandwidth (MHz):	20.0	Conducted Power (dBm):	18.75
EARFCN:	18900	Resource Blocks (RB):	100		
RB Offset:	0	Modulation:	64QAM		

Conducted Power Measurement Results

Channel Frequency (MHz)	Nominal Channel BW (MHz)	EARFCN	Resource Blocks	RB Offset	Modulation	Measured Conducted Power (dBm)	Dut Antenna Gain (dBi)	e.i.r.p. (dBm)	e.i.r.p. (W)	Limit (W)	Margin (dB)
836.5	1.4	20525	1	3	QPSK	21.63	0.60	22.23	0.167	7.00	16.2
836.5	1.4	20525	1	3	16QAM	21.07		21.67	0.147		16.8
836.5	1.4	20525	1	3	64QAM	20.31		20.91	0.123		17.5
836.5	1.4	20525	6	0	QPSK	21.28		21.88	0.154		16.6
836.5	1.4	20525	6	0	16QAM	19.92		20.52	0.113		17.9
836.5	1.4	20525	6	0	64QAM	19.26		19.86	0.097		18.6
836.5	3	20525	15	0	QPSK	21.23		21.83	0.152		16.6
836.5	3	20525	15	0	16QAM	20.29		20.89	0.123		17.6
836.5	3	20525	15	0	64QAM	19.25		19.85	0.097		18.6
836.5	5	20525	25	0	QPSK	21.44		22.04	0.160		16.4
836.5	5	20525	25	0	16QAM	20.30		20.90	0.123		17.6
836.5	5	20525	25	0	64QAM	19.49		20.09	0.102		18.4
836.5	10	20525	50	0	QPSK	21.50		22.10	0.162		16.4
836.5	10	20525	50	0	16QAM	20.43		21.03	0.127		17.4
836.5	10	20525	50	0	64QAM	19.54	20.14	0.103	18.3		
											Complies

Conducted Power: LTE Band 5

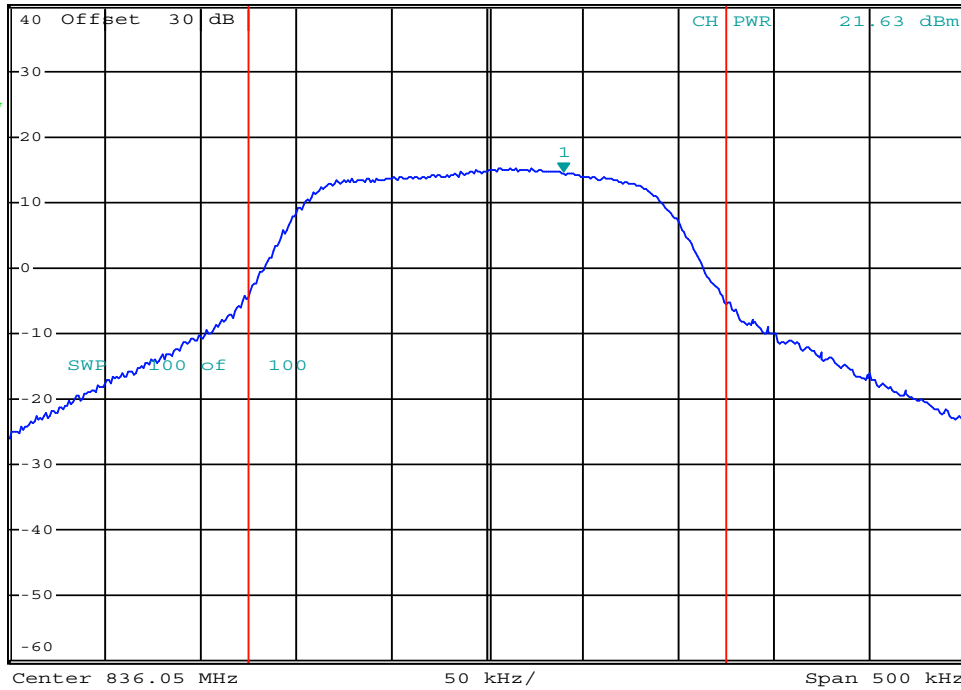


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 14.65 dBm
 *SWT 50 ms 836.09000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 09:26:10

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	1.4
EARFCN:	20525	Resource Blocks (RB):	1
RB Offset:	3	Modulation:	QPSK

Conducted Power (dBm): **21.63**

Conducted Power: LTE Band 5

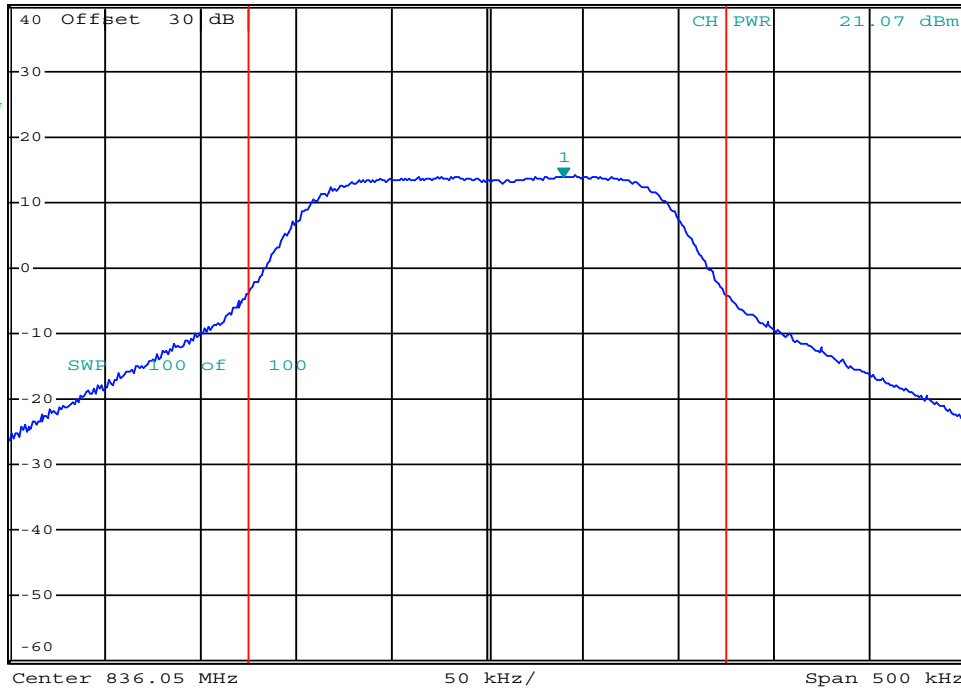


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 13.91 dBm
 *SWT 50 ms 836.09000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 09:27:23

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	1.4	Conducted Power (dBm):	21.07
EARFCN:	20525	Resource Blocks (RB):	1		
RB Offset:	3	Modulation:	16QAM		

Conducted Power: LTE Band 5

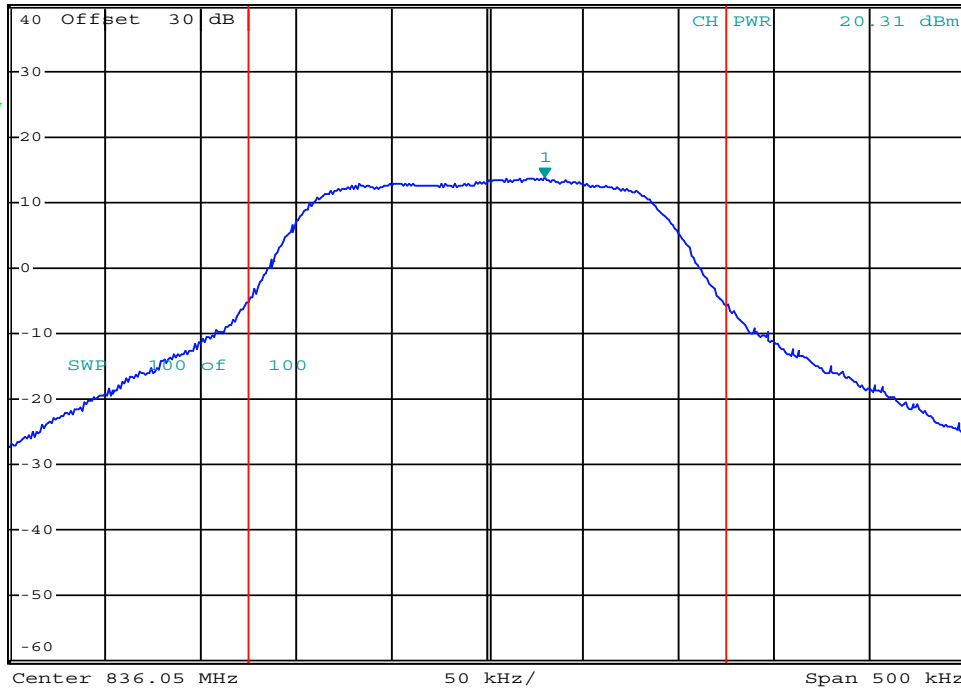


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 13.78 dBm
 *SWT 50 ms 836.08000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 09:28:26

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	1.4	Conducted Power (dBm):	20.31
EARFCN:	20525	Resource Blocks (RB):	1		
RB Offset:	3	Modulation:	64QAM		

Conducted Power: LTE Band 5

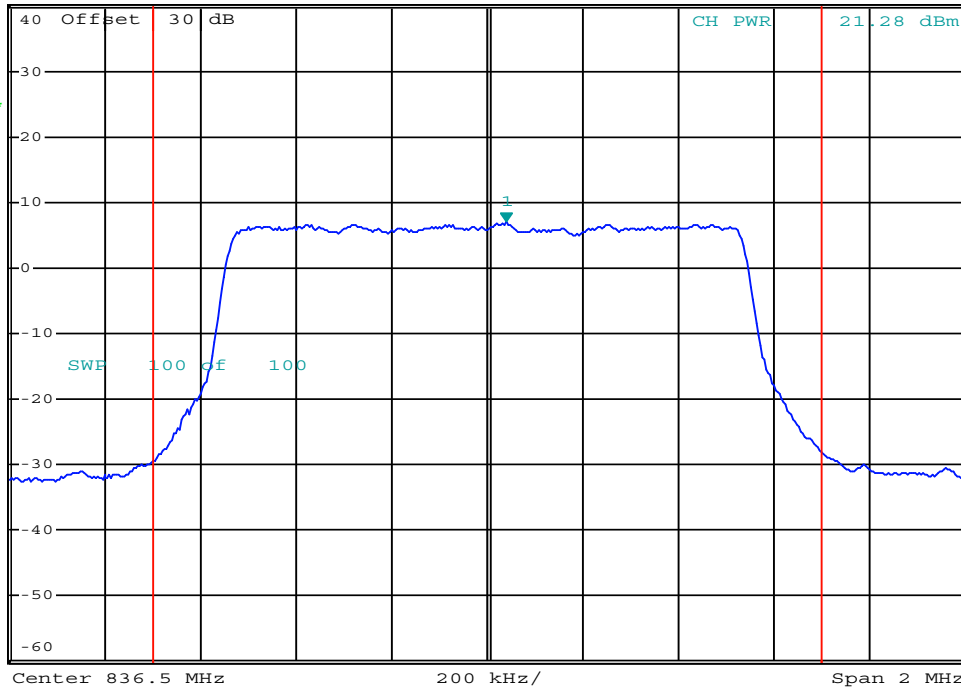


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 6.97 dBm
 *SWT 50 ms 836.540000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 09:34:55

Channel Frequency (MHz): 836.5	Channel Bandwidth (MHz): 1.4	Conducted Power (dBm): 21.28
EARFCN: 20525	Resource Blocks (RB): 6	
RB Offset: 0	Modulation: QPSK	

Conducted Power: LTE Band 5

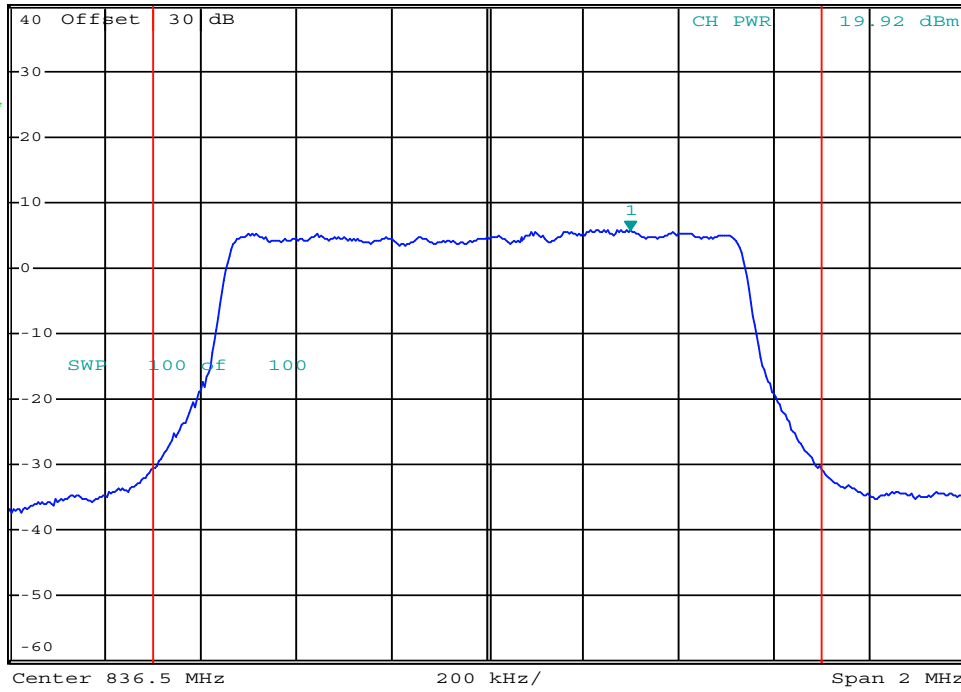


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 5.79 dBm
 *SWT 50 ms 836.800000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 09:33:25

Channel Frequency (MHz): 836.5	Channel Bandwidth (MHz): 1.4	Conducted Power (dBm): 19.92
EARFCN: 20525	Resource Blocks (RB): 6	
RB Offset: 0	Modulation: 16QAM	

Conducted Power: LTE Band 5

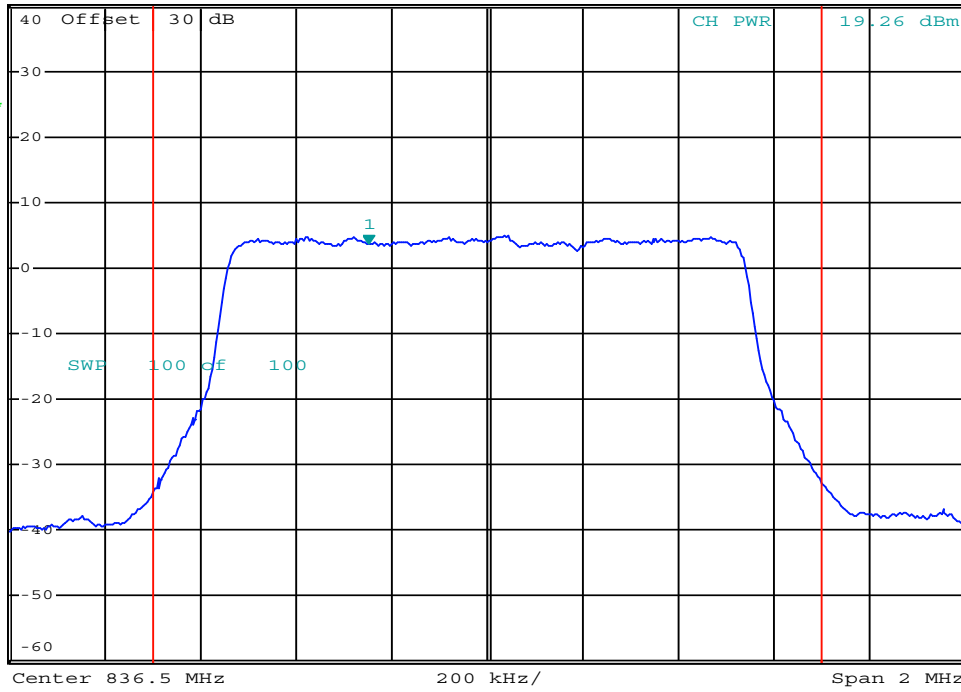


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 3.76 dBm
 *SWT 50 ms 836.250000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 09:32:17

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	1.4	Conducted Power (dBm):	19.26
EARFCN:	20525	Resource Blocks (RB):	6		
RB Offset:	0	Modulation:	64QAM		

Conducted Power: LTE Band 5

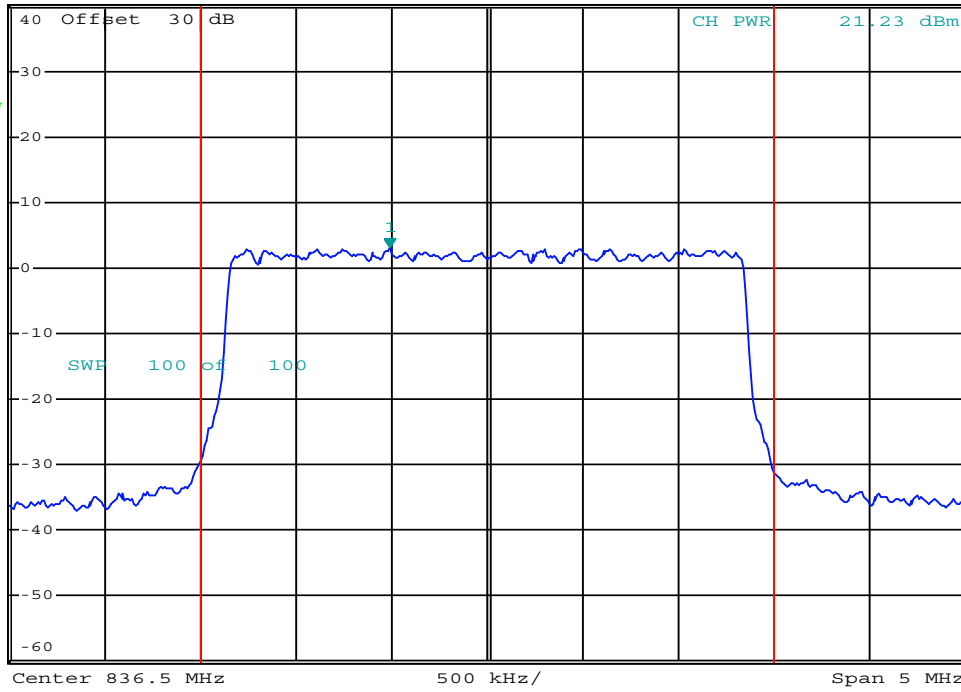


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 3.01 dBm
 *SWT 50 ms 835.990000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 09:36:38

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	3.0	Conducted Power (dBm): 21.23
EARFCN:	20525	Resource Blocks (RB):	15	
RB Offset:	0	Modulation:	QPSK	

Conducted Power: LTE Band 5

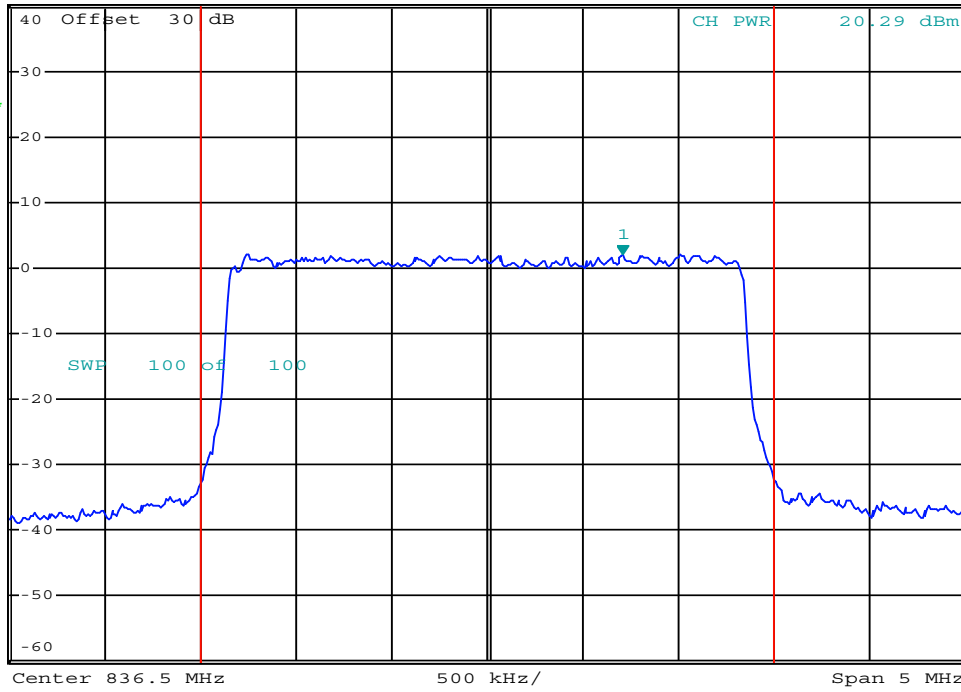


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 2.19 dBm
 *SWT 50 ms 837.210000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 09:37:44

Channel Frequency (MHz): 836.5	Channel Bandwidth (MHz): 3.0	Conducted Power (dBm): 20.29
EARFCN: 20525	Resource Blocks (RB): 15	
RB Offset: 0	Modulation: 16QAM	

Conducted Power: LTE Band 5

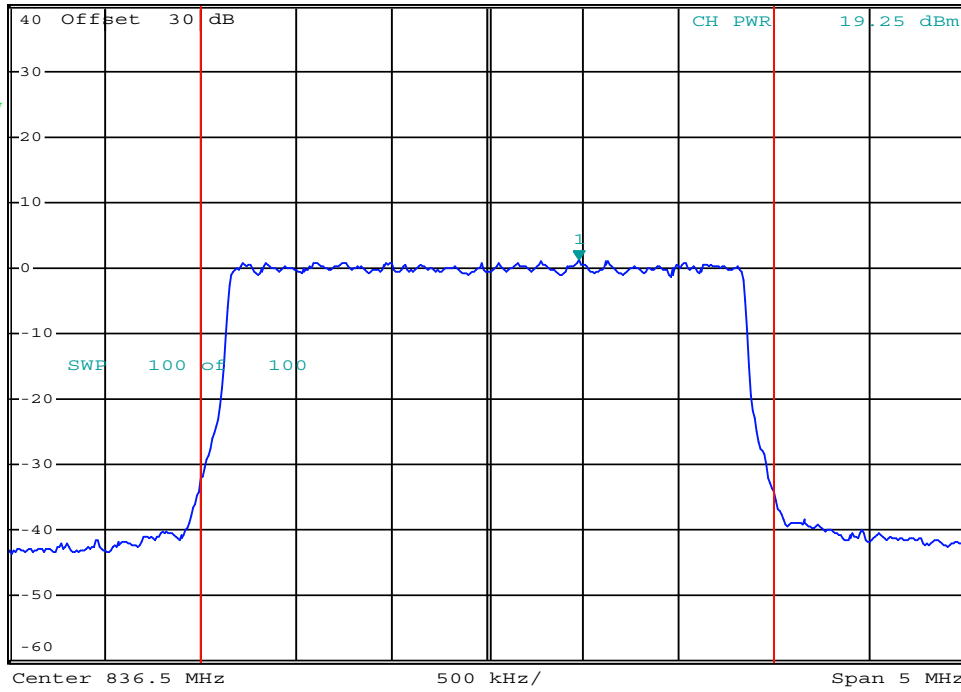


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 1.17 dBm
 *SWT 50 ms 836.980000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 09:38:40

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	3.0	Conducted Power (dBm):	19.25
EARFCN:	20525	Resource Blocks (RB):	15		
RB Offset:	0	Modulation:	64QAM		

Conducted Power: LTE Band 5



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 5.88 dBm
 *Att 10 dB
 *SWT 50 ms 838.460000000 MHz

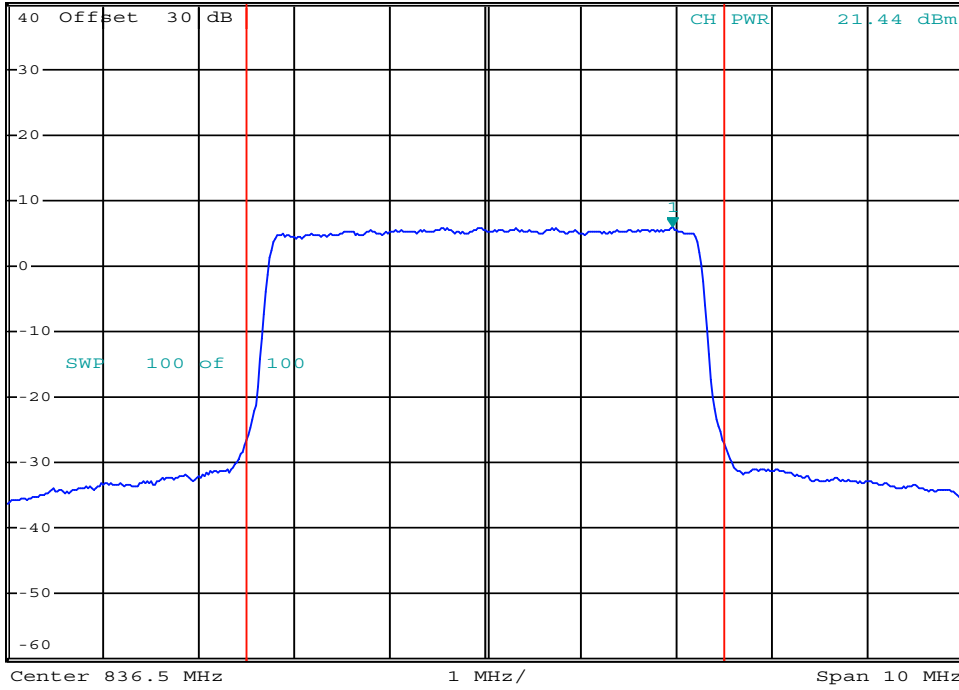
Ref 40 dBm

*Att 10 dB

*SWT 50 ms

838.460000000 MHz

1 RM
 VIEW



Date: 22.APR.2021 09:42:57

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	5.0	Conducted Power (dBm):	21.44
EARFCN:	20525	Resource Blocks (RB):	25		
RB Offset:	0	Modulation:	QPSK		

Conducted Power: LTE Band 5

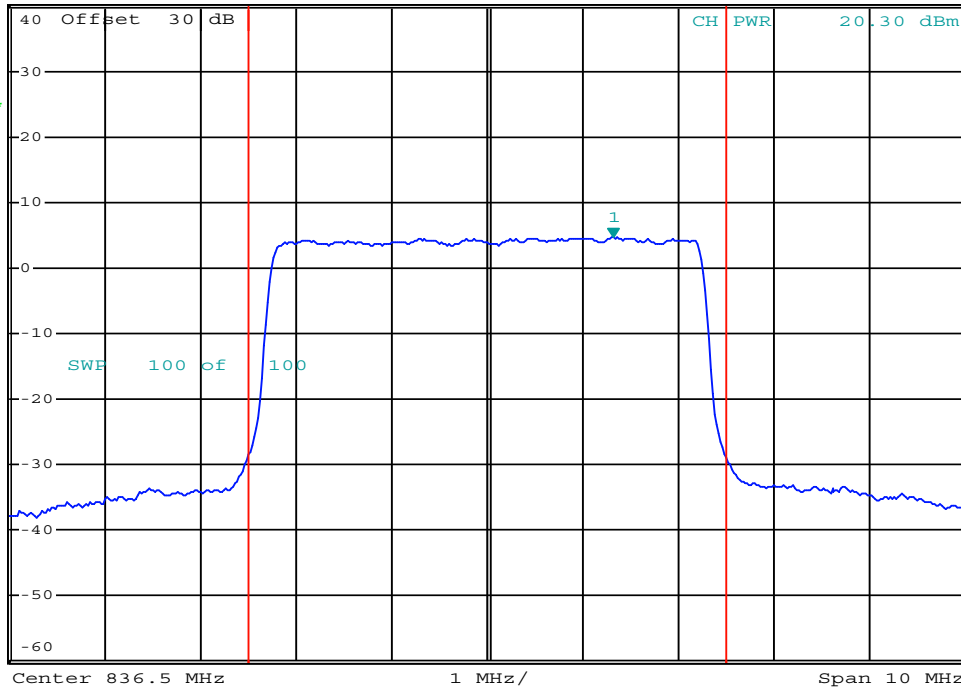


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 4.77 dBm
 *SWT 50 ms 837.82000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 09:41:58

Channel Frequency (MHz): **836.5**

Channel Bandwidth (MHz): **5.0**

EARFCN: **20525**

Resource Blocks (RB): **25**

RB Offset: **0**

Modulation: **16QAM**

Conducted Power (dBm): **20.3**

Conducted Power: LTE Band 5

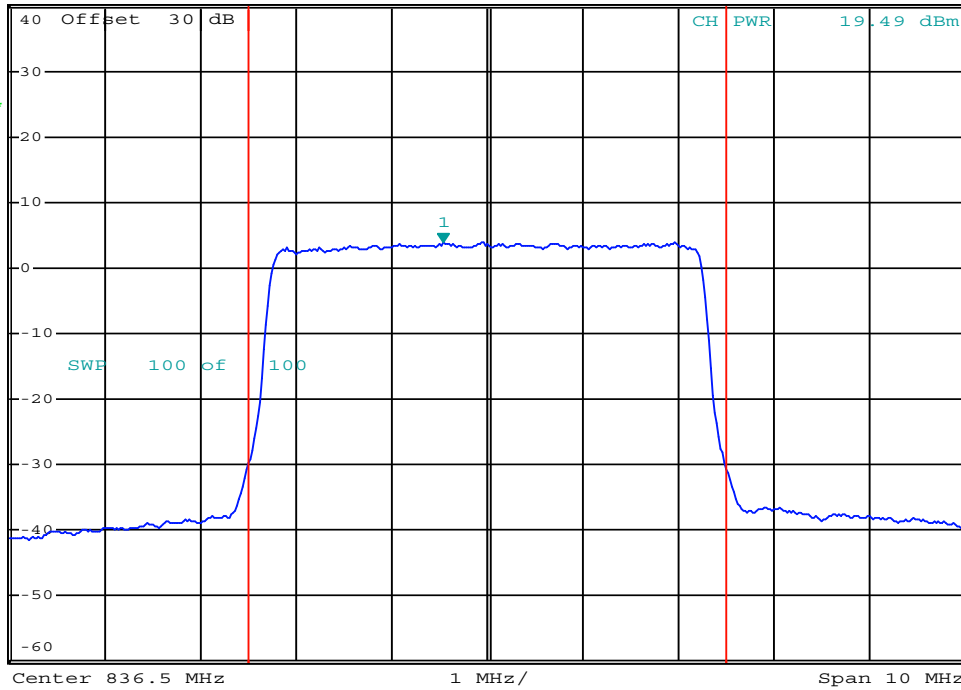


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 3.86 dBm
 *SWT 50 ms 836.04000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 09:41:03

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	5.0	Conducted Power (dBm):	19.49
EARFCN:	20525	Resource Blocks (RB):	25		
RB Offset:	0	Modulation:	64QAM		

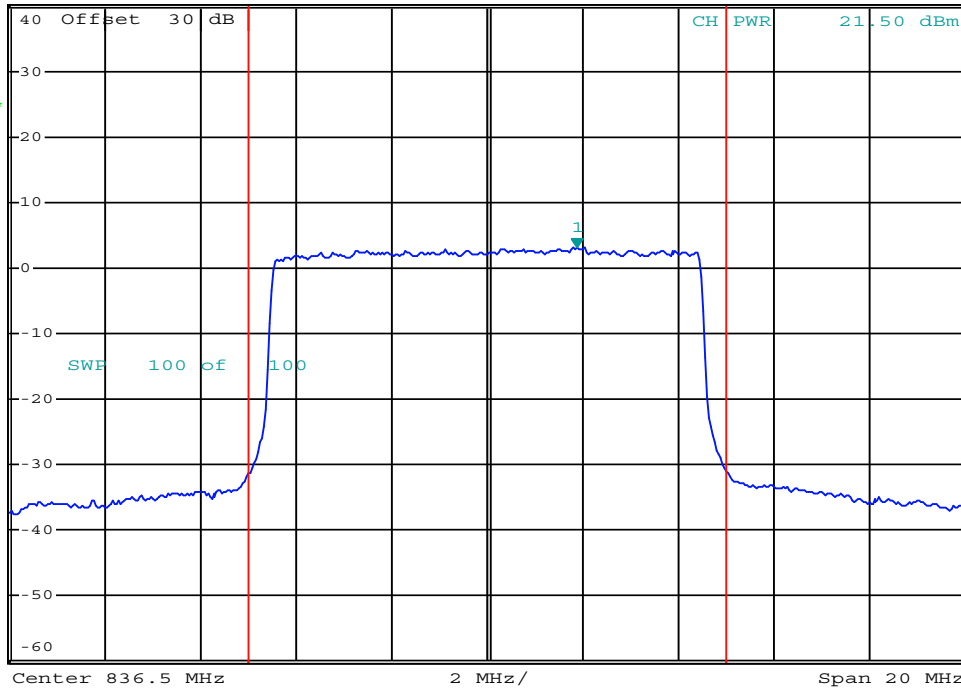
Conducted Power: LTE Band 5



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 3.13 dBm
 *Att 10 dB
 *SWT 50 ms 838.380000000 MHz

Ref 40 dBm

1 RM
 VIEW



Date: 22.APR.2021 09:45:07

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	10.0	Conducted Power (dBm):	21.5
EARFCN:	20525	Resource Blocks (RB):	50		
RB Offset:	0	Modulation:	QPSK		

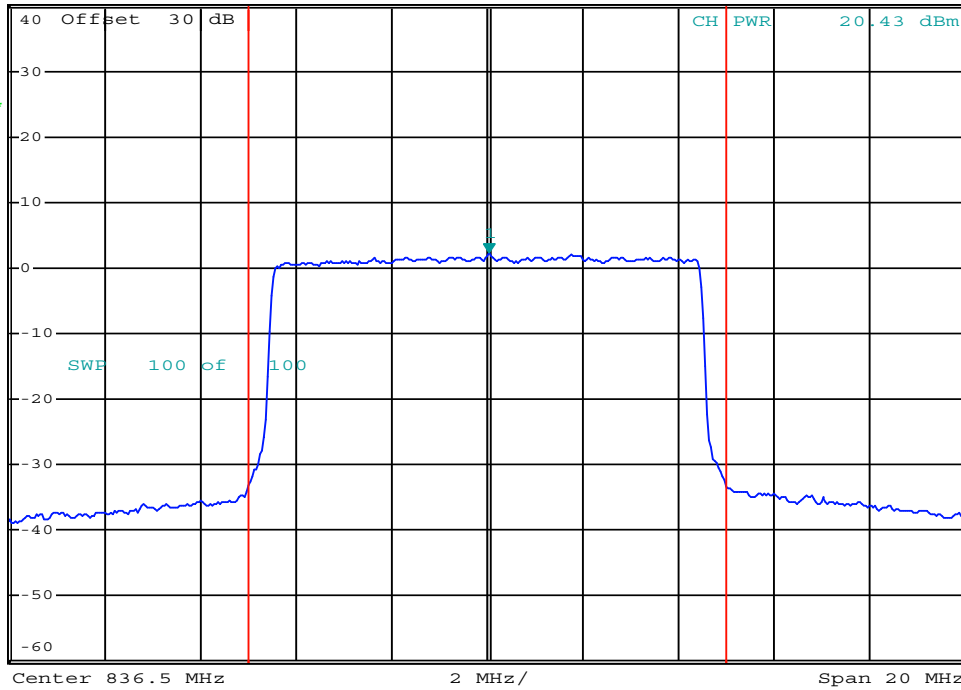
Conducted Power: LTE Band 5



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 2.27 dBm
 *Att 10 dB
 *SWT 50 ms 836.540000000 MHz

Ref 40 dBm

1 RM
 VIEW



Date: 22.APR.2021 09:46:04

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	10.0	Conducted Power (dBm): 20.43
EARFCN:	20525	Resource Blocks (RB):	50	
RB Offset:	0	Modulation:	16QAM	

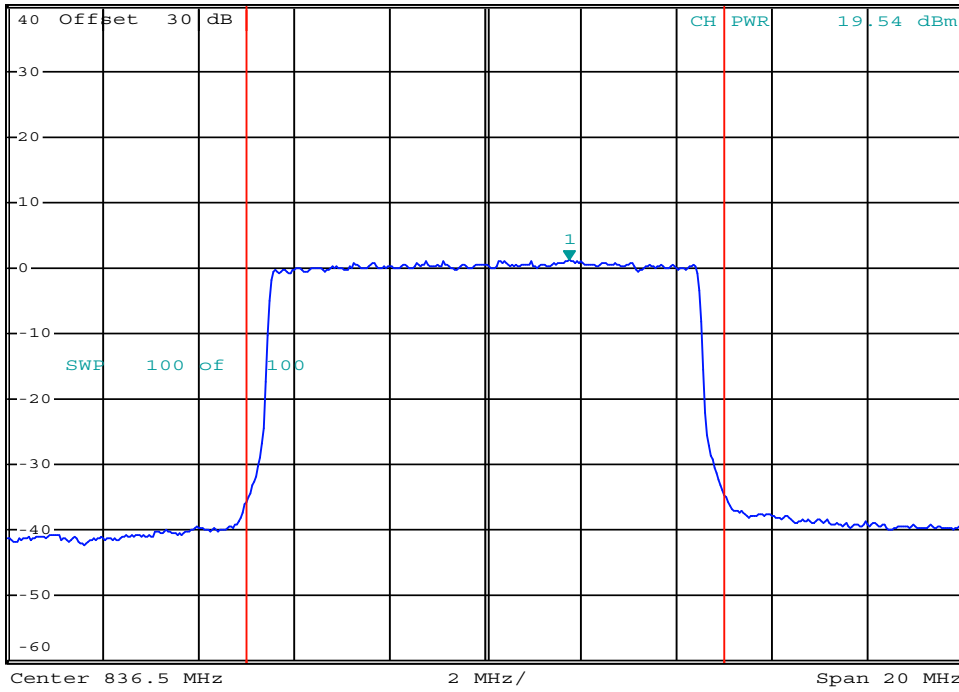
Conducted Power: LTE Band 5



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 1.16 dBm
 *Att 10 dB
 *SWT 50 ms 838.260000000 MHz

Ref 40 dBm

1 RM
 VIEW



Date: 22.APR.2021 09:46:59

Channel Frequency (MHz):	836.5	Channel Bandwidth (MHz):	10.0	Conducted Power (dBm):	19.54
EARFCN:	20525	Resource Blocks (RB):	50		
RB Offset:	0	Modulation:	64QAM		

Conducted Power Measurement Results

Channel Frequency (MHz)	Nominal Channel BW (MHz)	EARFCN	Resource Blocks	RB Offset	Modulation	Measured Conducted Power (dBm)	Dut Antenna Gain (dBi)	e.i.r.p. (dBm)	e.i.r.p. (W)	Limit (W)	Margin (dB)
707.5	1.4	23095	1	3	QPSK	22.02	0.60	22.62	0.183	3.00	12.2
707.5	1.4	23095	1	3	16QAM	21.42		22.02	0.159		12.8
707.5	1.4	23095	1	3	64QAM	20.58		21.18	0.131		13.6
707.5	1.4	23095	6	0	QPSK	21.29		21.89	0.155		12.9
707.5	1.4	23095	6	0	16QAM	20.23		20.83	0.121		13.9
707.5	1.4	23095	6	0	64QAM	19.44		20.04	0.101		14.7
707.5	3	23095	15	0	QPSK	21.29		21.89	0.155		12.9
707.5	3	23095	15	0	16QAM	20.38		20.98	0.125		13.8
707.5	3	23095	15	0	64QAM	19.42		20.02	0.100		14.8
707.5	5	23095	25	0	QPSK	21.55		22.15	0.164		12.6
707.5	5	23095	25	0	16QAM	20.45		21.05	0.127		13.7
707.5	5	23095	25	0	64QAM	19.65		20.25	0.106		14.5
707.5	10	23095	50	0	QPSK	21.50		22.10	0.162		12.7
707.5	10	23095	50	0	16QAM	20.55		21.15	0.130		13.6
707.5	10	23095	50	0	64QAM	19.58	20.18	0.104	14.6		
											Complies

Conducted Power: LTE Band 12

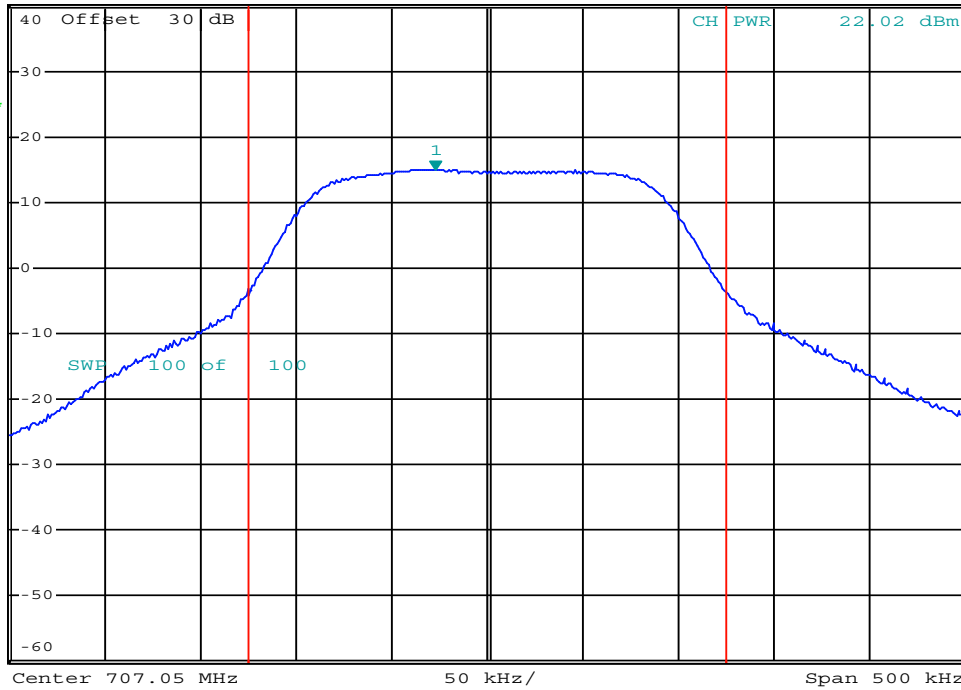


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 15.03 dBm
 *SWT 50 ms 707.023000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 10:07:41

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	1.4
EARFCN:	23095	Resource Blocks (RB):	1
RB Offset:	3	Modulation:	QPSK

Conducted Power (dBm): **22.02**

Conducted Power: LTE Band 12

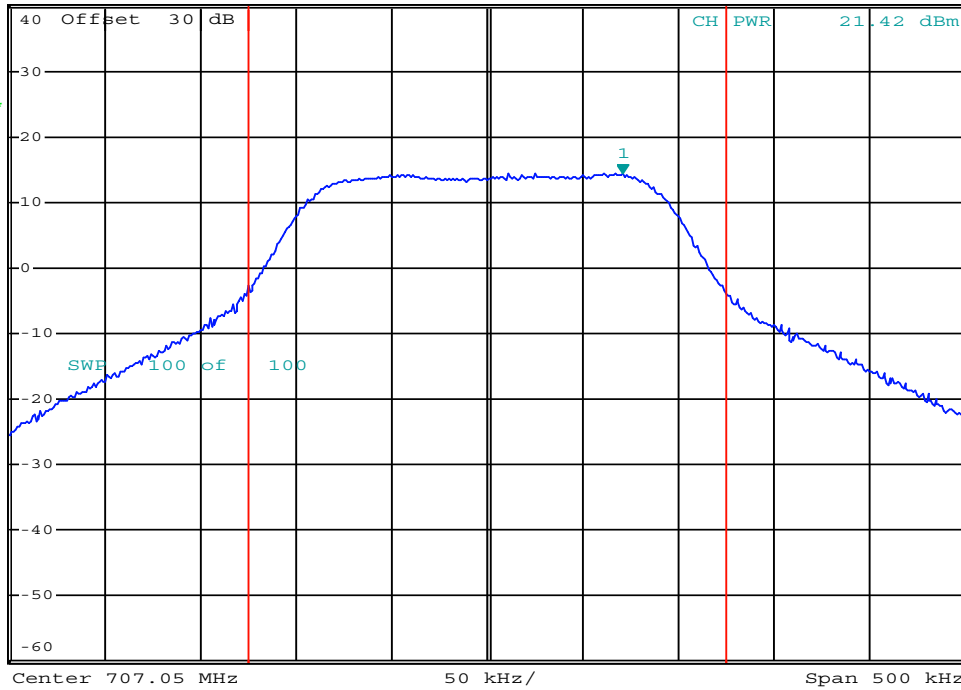


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 14.42 dBm
 *SWT 50 ms 707.121000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 10:05:05

Channel Frequency (MHz): **707.5**

Channel Bandwidth (MHz): **1.4**

EARFCN: **23095**

Resource Blocks (RB): **1**

RB Offset: **3**

Modulation: **16QAM**

Conducted Power (dBm): **21.42**

Conducted Power: LTE Band 12

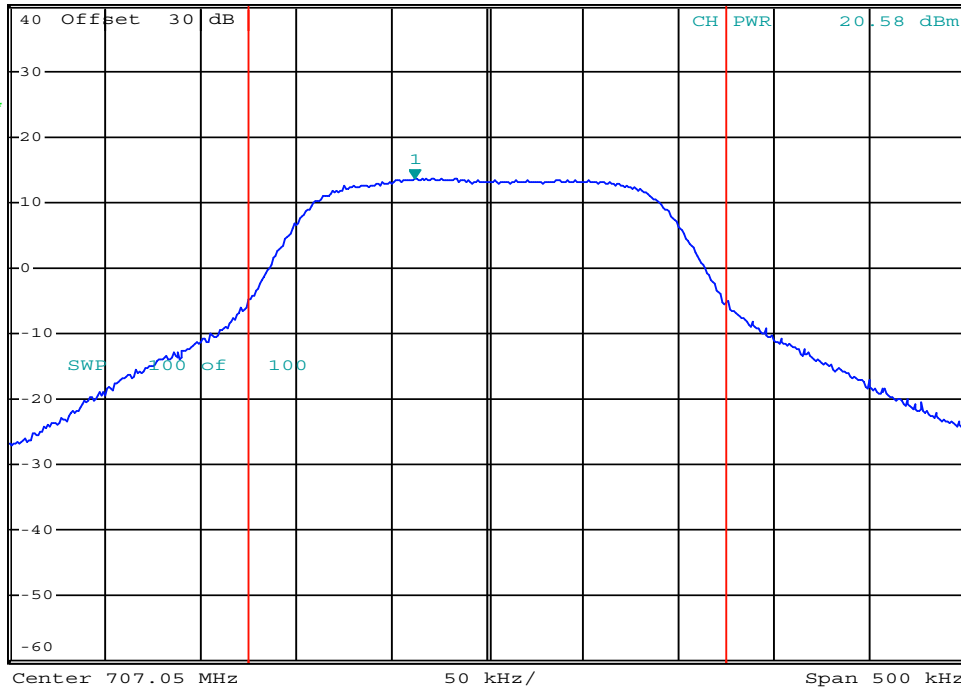


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 13.66 dBm
 *SWT 50 ms 707.012000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM*
 VIEW



Date: 22.APR.2021 10:06:02

Channel Frequency (MHz): **707.5**

Channel Bandwidth (MHz): **1.4**

EARFCN: **23095**

Resource Blocks (RB): **1**

RB Offset: **3**

Modulation: **64QAM**

Conducted Power (dBm): **20.58**

Conducted Power: LTE Band 12

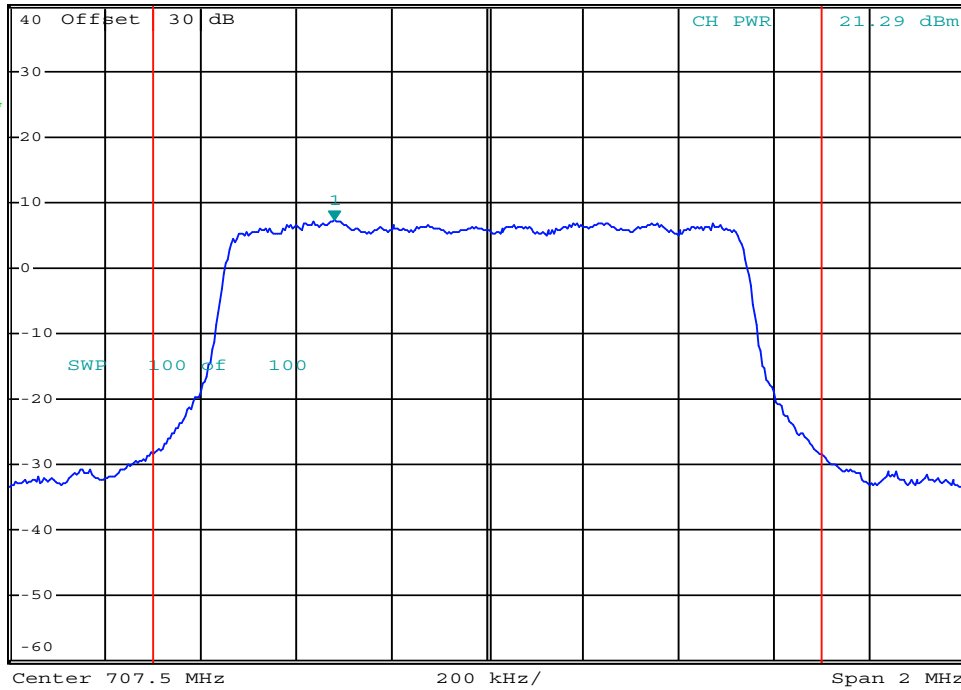


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 7.36 dBm
 *SWT 50 ms 707.180000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 10:09:27

Channel Frequency (MHz): 707.5	Channel Bandwidth (MHz): 1.4	Conducted Power (dBm): 21.29
EARFCN: 23095	Resource Blocks (RB): 6	
RB Offset: 0	Modulation: QPSK	

Conducted Power: LTE Band 12

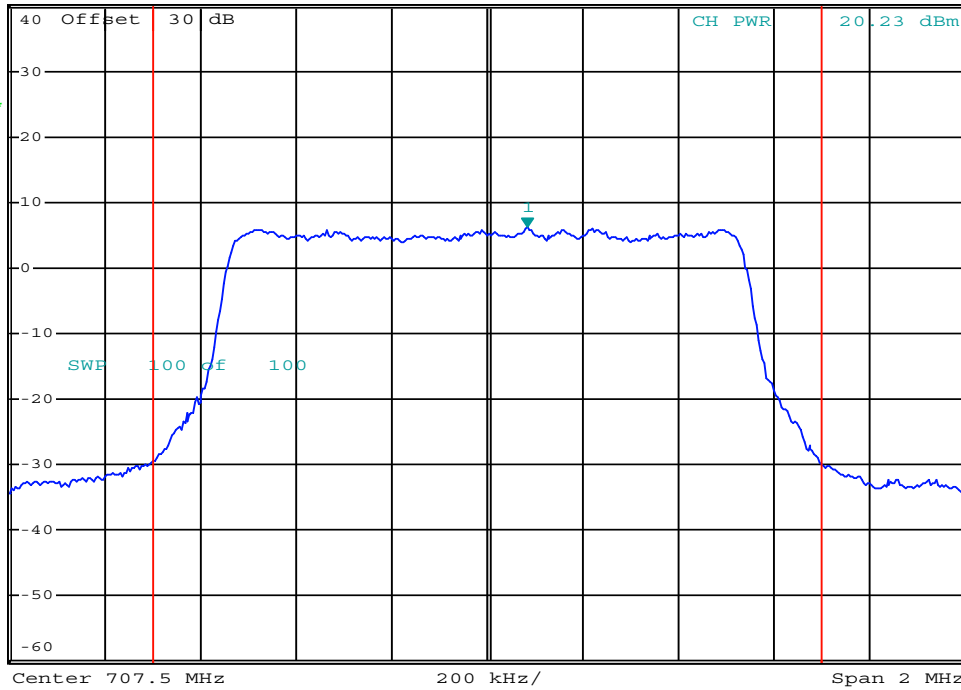


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 6.22 dBm
 *SWT 50 ms 707.584000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



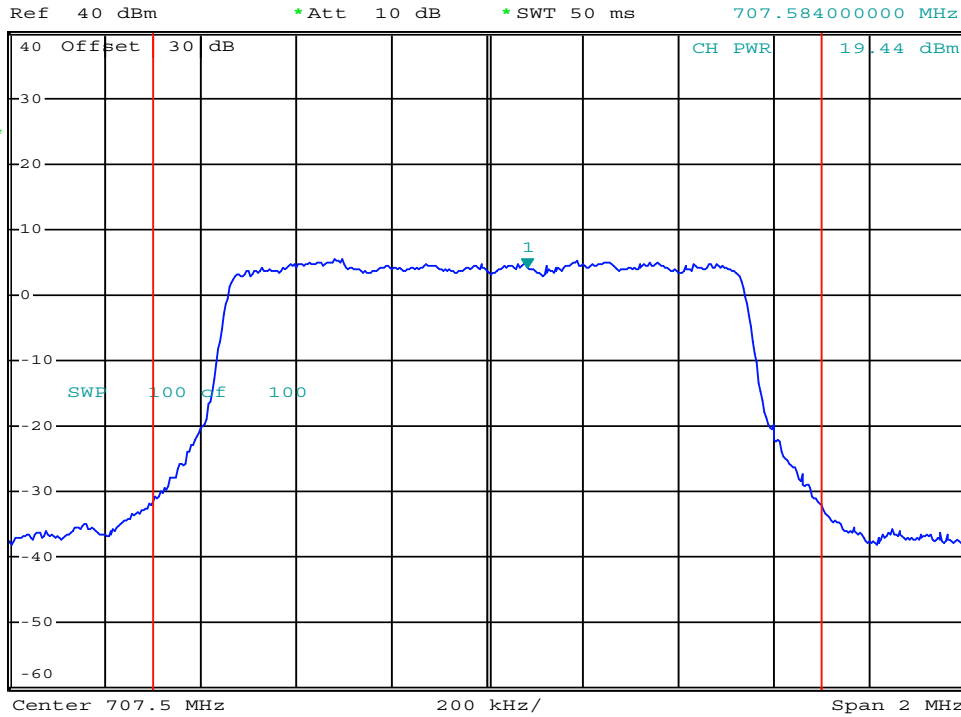
Date: 22.APR.2021 10:10:23

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	1.4	Conducted Power (dBm):	20.23
EARFCN:	23095	Resource Blocks (RB):	6		
RB Offset:	0	Modulation:	16QAM		

Conducted Power: LTE Band 12



*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 4.15 dBm
 *SWT 50 ms 707.584000000 MHz



Date: 22.APR.2021 10:11:16

Channel Frequency (MHz): 707.5	Channel Bandwidth (MHz): 1.4	Conducted Power (dBm): 19.44
EARFCN: 23095	Resource Blocks (RB): 6	
RB Offset: 0	Modulation: 64QAM	

Conducted Power: LTE Band 12

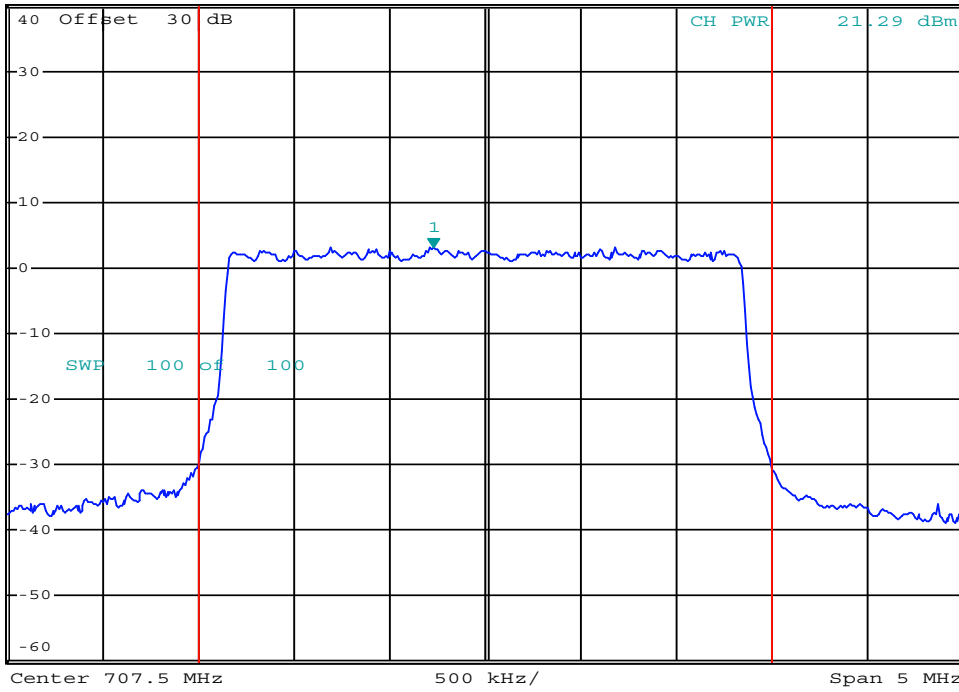


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 3.22 dBm
 *SWT 50 ms 707.230000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 10:14:47

Channel Frequency (MHz): 707.5	Channel Bandwidth (MHz): 3.0	Conducted Power (dBm): 21.29
EARFCN: 23095	Resource Blocks (RB): 15	
RB Offset: 0	Modulation: QPSK	

Conducted Power: LTE Band 12

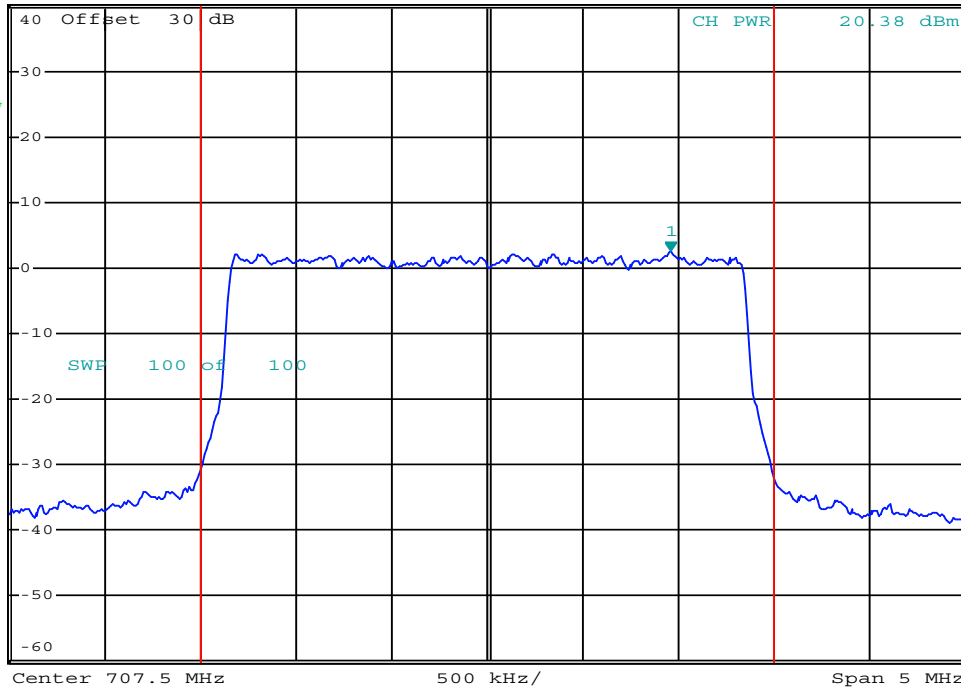


*RBW 30 kHz Marker 1 [T1]
 VBW 300 kHz 2.55 dBm
 *SWT 50 ms 708.460000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



Date: 22.APR.2021 10:13:56

Channel Frequency (MHz): 707.5	Channel Bandwidth (MHz): 3.0	Conducted Power (dBm): 20.38
EARFCN: 23095	Resource Blocks (RB): 15	
RB Offset: 0	Modulation: 16QAM	

Conducted Power: LTE Band 12



*RBW 30 kHz
VBW 300 kHz
*SWT 50 ms

Marker 1 [T1]

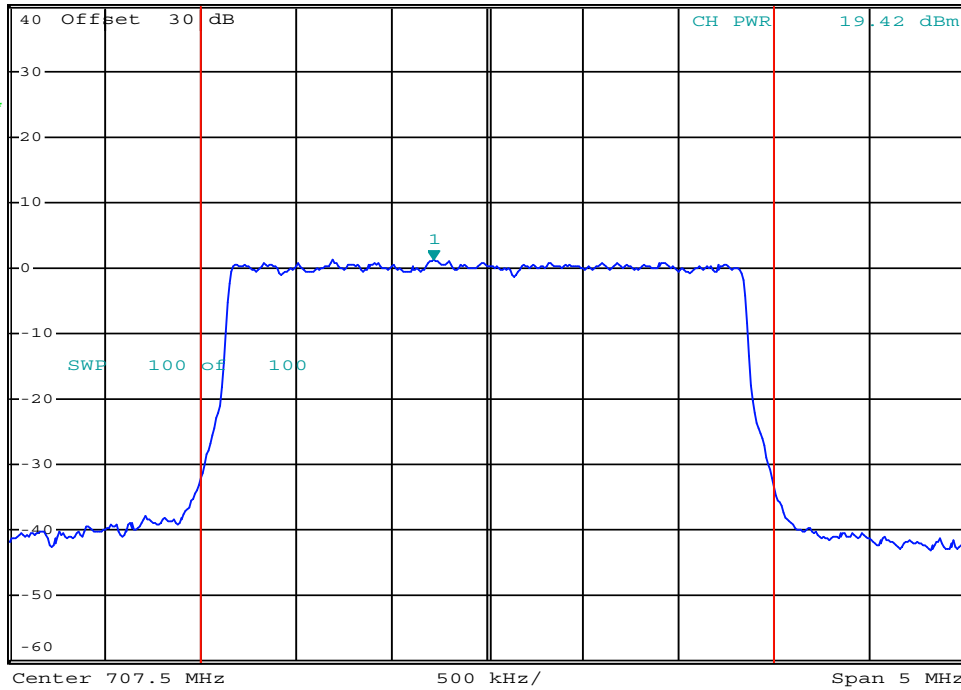
1.20 dBm

707.22000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
VIEW



Date: 22.APR.2021 10:13:01

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	3.0	Conducted Power (dBm):	19.42
EARFCN:	23095	Resource Blocks (RB):	15		
RB Offset:	0	Modulation:	64QAM		

Conducted Power: LTE Band 12

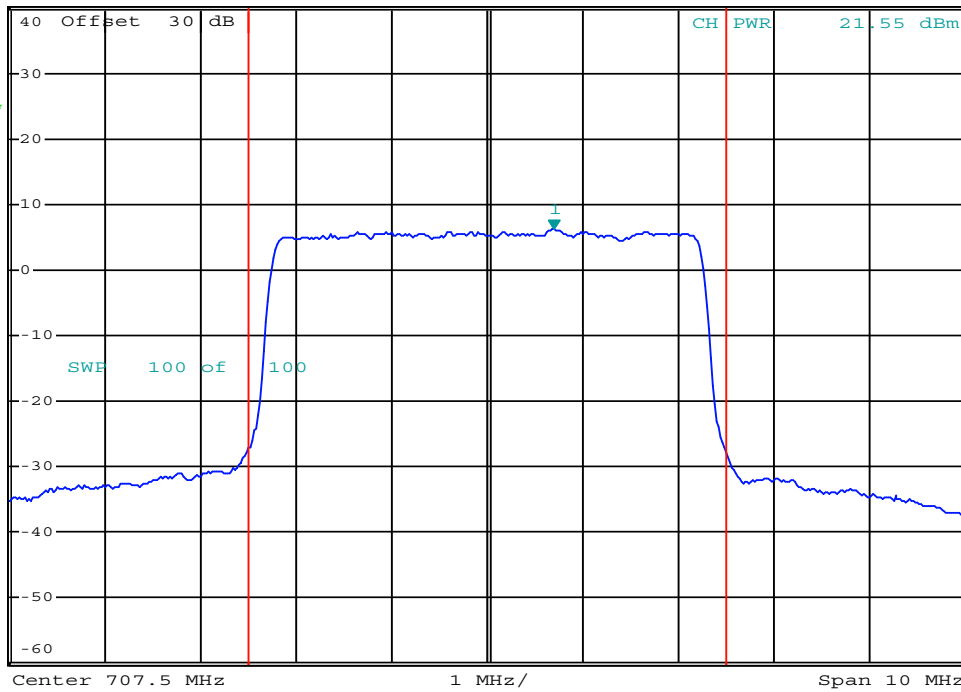


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 6.37 dBm
 *SWT 50 ms 708.200000000 MHz

Ref 40 dBm

*Att 10 dB

1 RM
 VIEW



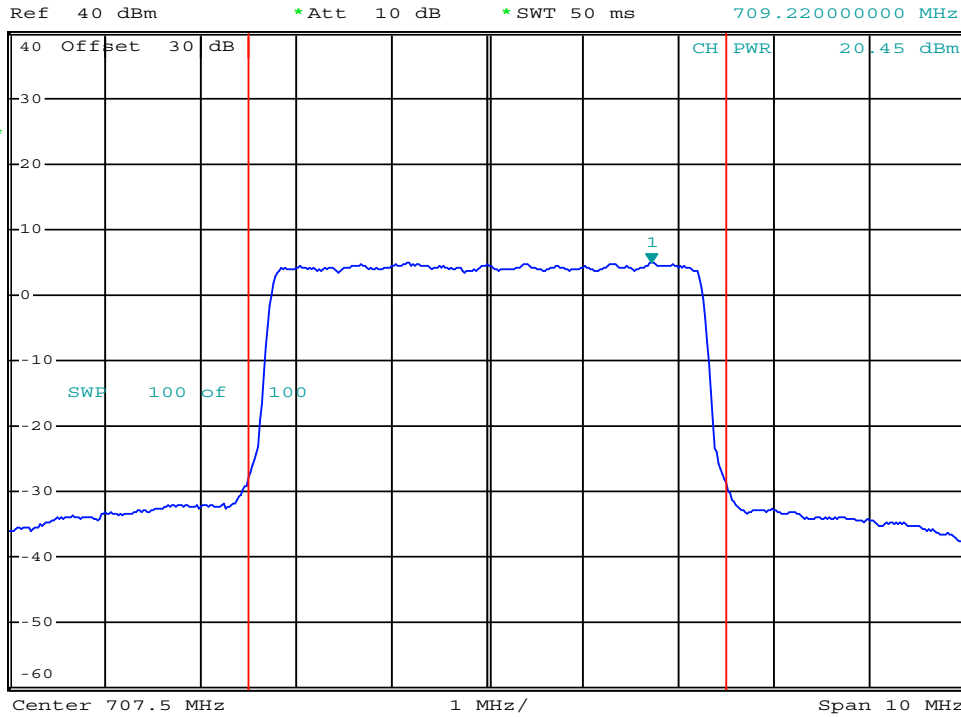
Date: 22.APR.2021 10:23:23

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	5.0	Conducted Power (dBm): 21.55
EARFCN:	23095	Resource Blocks (RB):	25	
RB Offset:	0	Modulation:	QPSK	

Conducted Power: LTE Band 12



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 4.98 dBm
 *Att 10 dB
 *SWT 50 ms 709.22000000 MHz



Date: 22.APR.2021 10:22:30

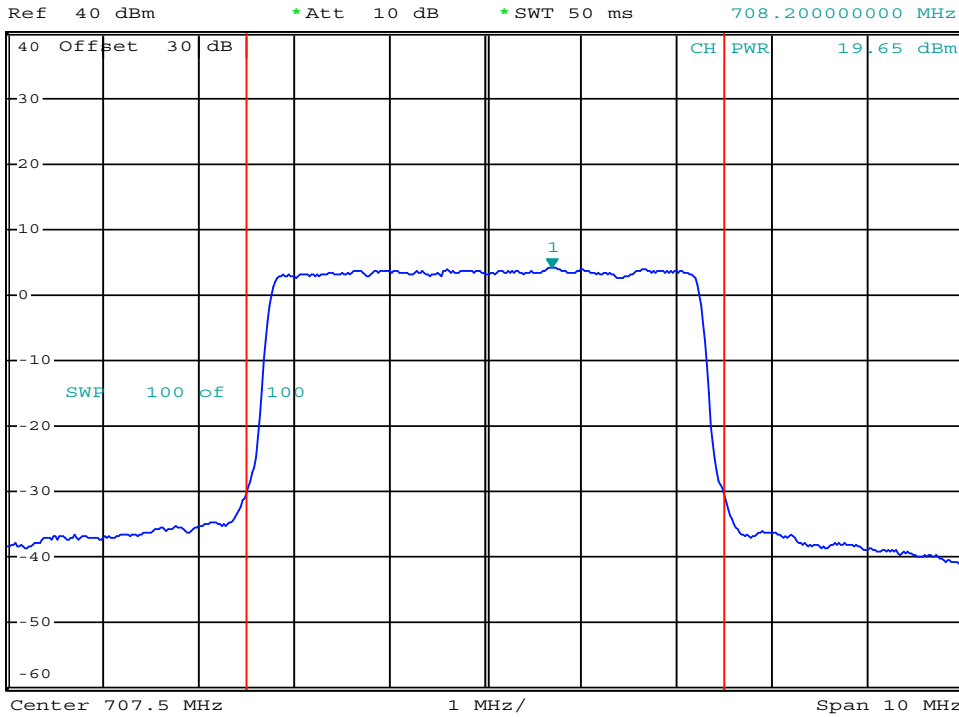
Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	5.0
EARFCN:	23095	Resource Blocks (RB):	25
RB Offset:	0	Modulation:	16QAM

Conducted Power (dBm):	20.45
------------------------	--------------

Conducted Power: LTE Band 12



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 4.27 dBm
 *Att 10 dB
 *SWT 50 ms 708.200000000 MHz



Date: 22.APR.2021 10:21:37

Channel Frequency (MHz): 707.5	Channel Bandwidth (MHz): 5.0	Conducted Power (dBm): 19.65
EARFCN: 23095	Resource Blocks (RB): 25	
RB Offset: 0	Modulation: 64QAM	

Conducted Power: LTE Band 12



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 2.83 dBm
 *Att 10 dB 710.14000000 MHz
 *SWT 50 ms

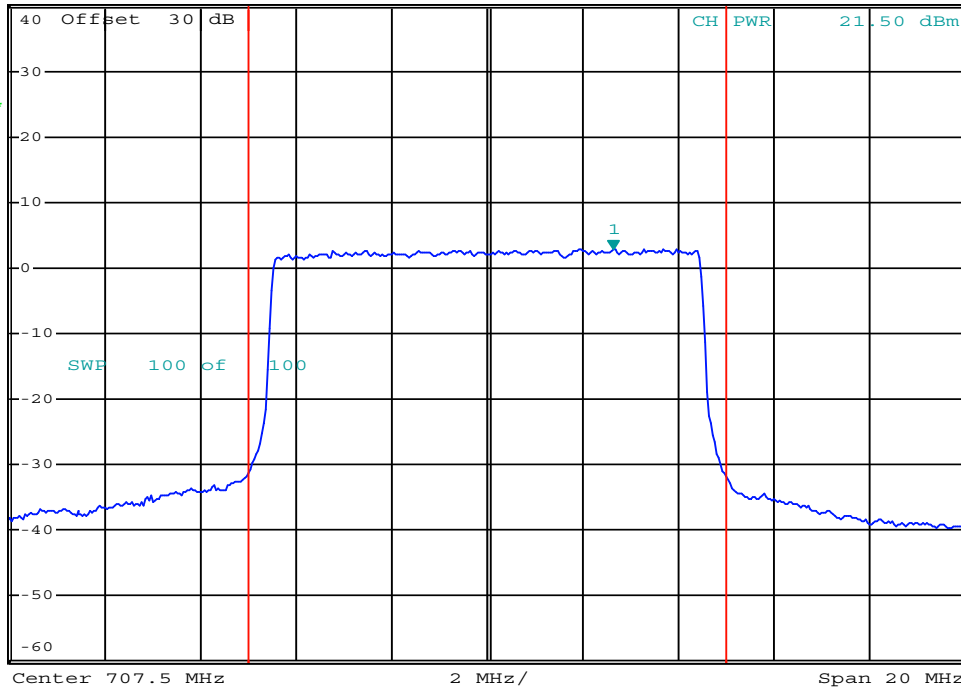
Ref 40 dBm

*Att 10 dB

*SWT 50 ms

710.14000000 MHz

1 RM
 VIEW



Date: 22.APR.2021 10:25:05

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	10.0	Conducted Power (dBm):	21.5
EARFCN:	23095	Resource Blocks (RB):	50		
RB Offset:	0	Modulation:	QPSK		

Conducted Power: LTE Band 12



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 2.09 dBm
 *Att 10 dB
 *SWT 50 ms 708.38000000 MHz

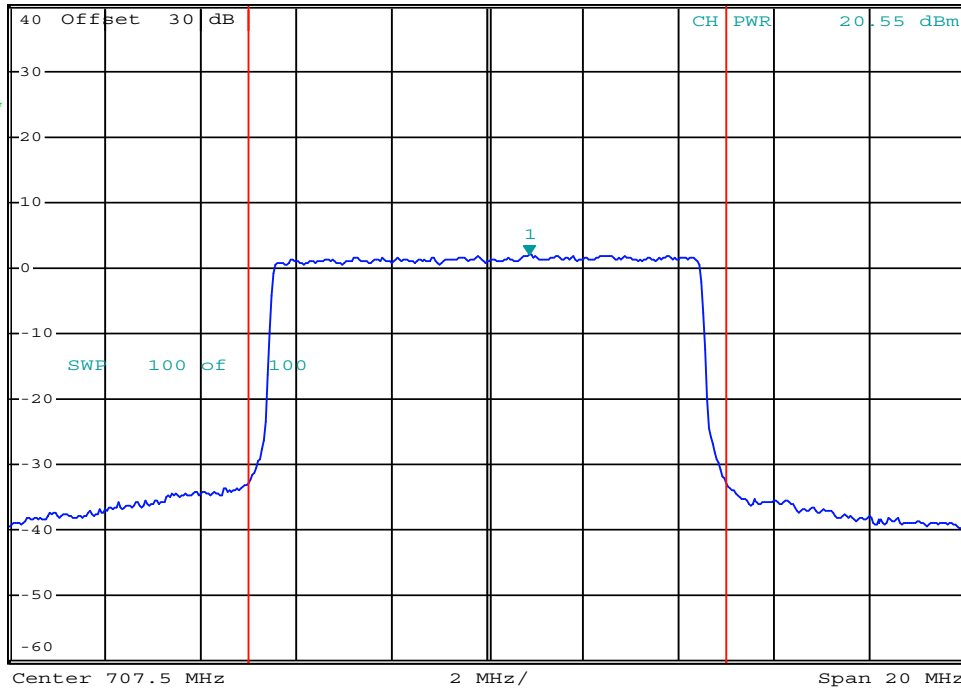
Ref 40 dBm

*Att 10 dB

*SWT 50 ms

708.38000000 MHz

1 RM
 VIEW



Date: 22.APR.2021 10:26:07

Channel Frequency (MHz):	707.5	Channel Bandwidth (MHz):	10.0	Conducted Power (dBm):	20.55
EARFCN:	23095	Resource Blocks (RB):	50		
RB Offset:	0	Modulation:	16QAM		

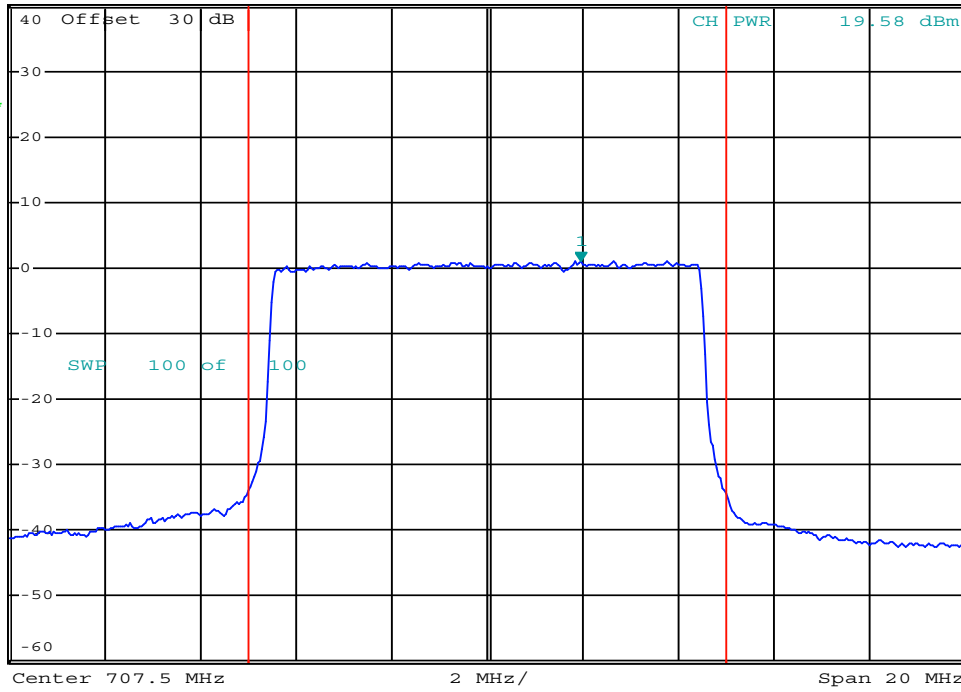
Conducted Power: LTE Band 12



*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz 1.03 dBm
 *Att 10 dB
 *SWT 50 ms 709.460000000 MHz

Ref 40 dBm

1 RM
 VIEW



A

LVL

3DB

Date: 22.APR.2021 10:26:59

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

Conducted Power (dBm): 19.58

§15.247(b)(3), RSS-247 (5.4)(d) Channel Output Power (RMS)

Frequency (MHz)	BW (MHz)	Modulation	Measured Power [E _{Meas}] (dBm)	Measured Power [E _{Meas}] (W)	Limit (W)	Margin (dB)
2412.0	13	QPSK	13.47	0.022	1.0	16.5
2442.0			14.56	0.029		15.4
2462.0			13.35	0.022		16.7
Result:					Complies	

(1) The output power is factory set to maximum

Margin = 10*Log(Limit / E_{meas})

RSS-247 (5.4)(d) Channel EIRP (RMS)

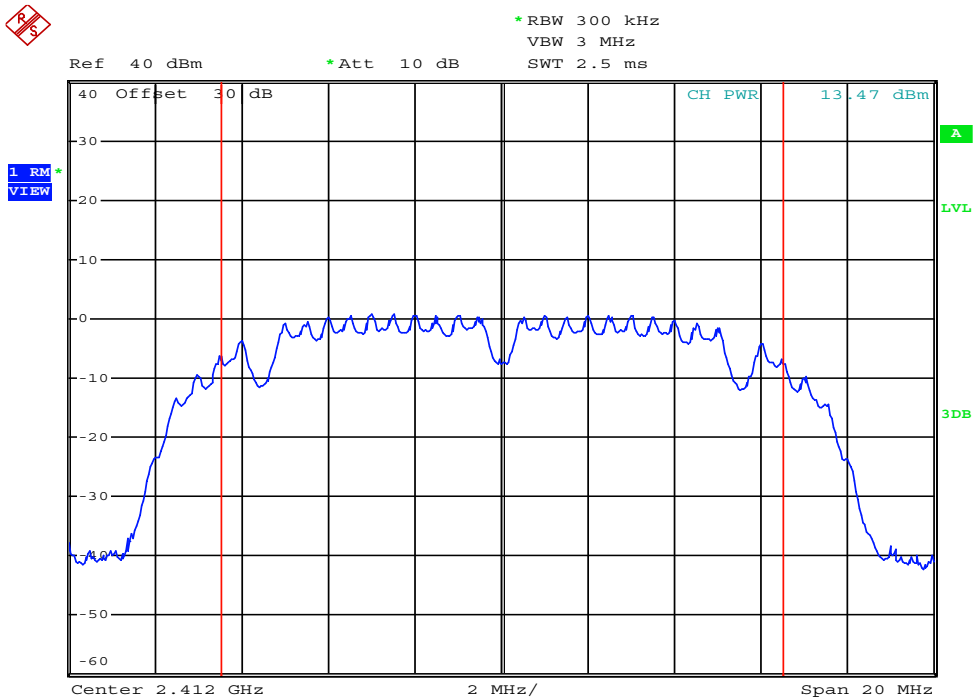
Frequency	BW	Modulation	Measured Power	Antenna Gain	Cable Loss	EIRP	EIRP	Limit	Margin
(MHz)	(MHz)		[E _{Meas}] (dBm)	[G _T] (dBi)	[L _c] (dB)	(dBm)	(W)	(W)	(dB)
2412.0	13	QPSK	13.47	-2.65	0.5	11.32	0.014	4.0	24.7
2442.0			14.56			12.41	0.017		23.6
2462.0			13.35			11.20	0.013		24.8
Result:								Complies	

EIRP (dBm) = E_{Meas} + G_T + L_c

Margin = Limit - EIRP in dB

(1) The output power is factory set to maximum

Conducted Power (RMS)



Date: 13.MAY.2021 10:08:49

Channel Frequency:

2412.00 MHz

Channel Bandwidth:

13.00 MHz

Modulation Setting:

QPSK

Measured Channel Power:

13.47 dBm

Conducted Power (RMS)

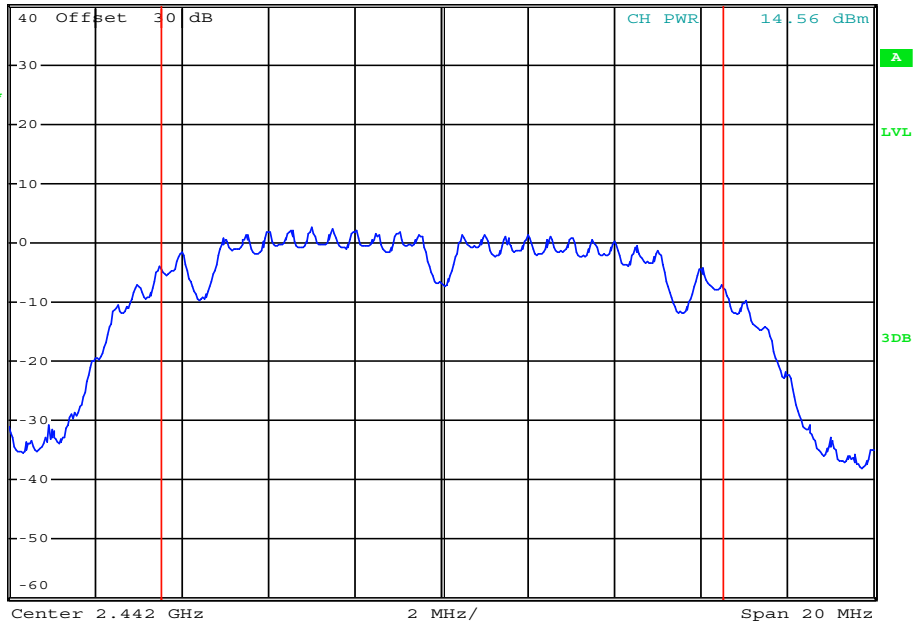


*RBW 300 kHz
VBW 3 MHz
SWT 2.5 ms

Ref 40 dBm

*Att 10 dB

1 RM
VIEW



Date: 13.MAY.2021 10:12:55

Channel Frequency:

2442.00 MHz

Channel Bandwidth:

13.00 MHz

Modulation Setting:

QPSK

Measured Channel Power:

14.56 dBm

Conducted Power (RMS)

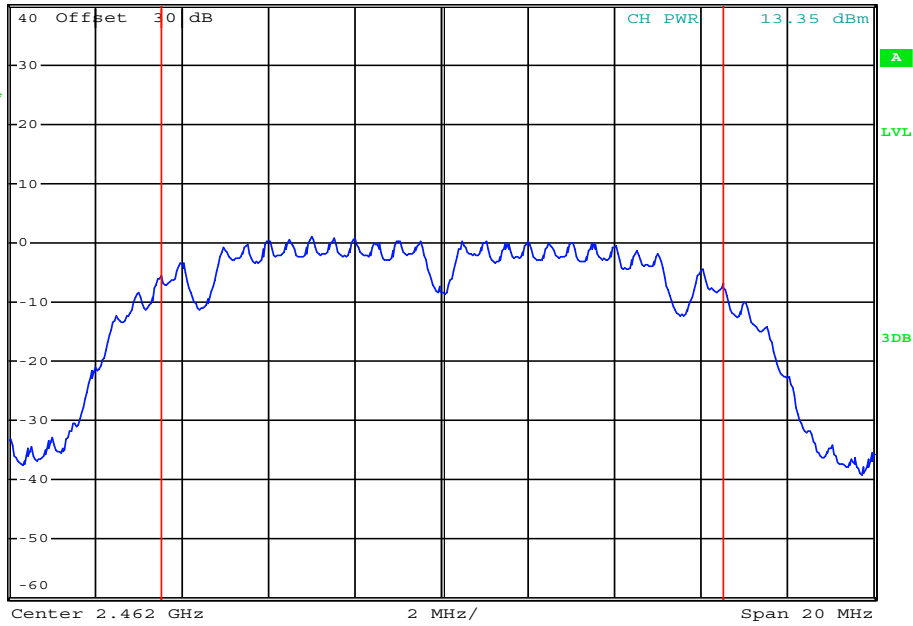


*RBW 300 kHz
VBW 3 MHz
SWT 2.5 ms

Ref 40 dBm

*Att 10 dB

1 RM
VIEW



Date: 13.MAY.2021 10:13:31

Channel Frequency:

2462.00 MHz

Channel Bandwidth:

13.00 MHz

Modulation Setting:

QPSK

Measured Channel Power:

13.35 dBm