

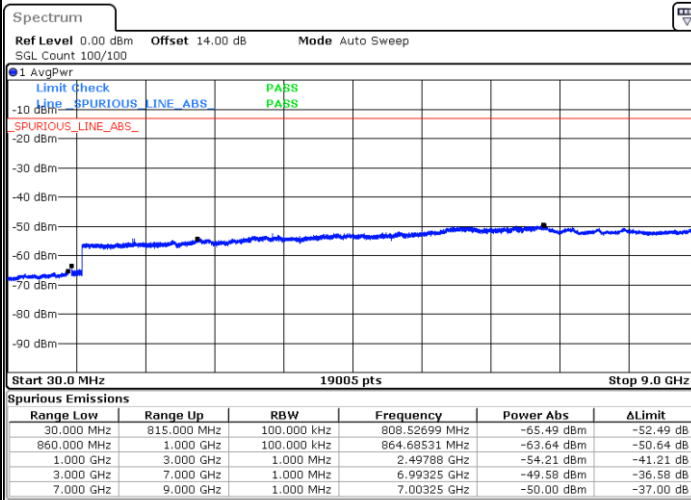


LTE Band 5B / 10MHz+10MHz

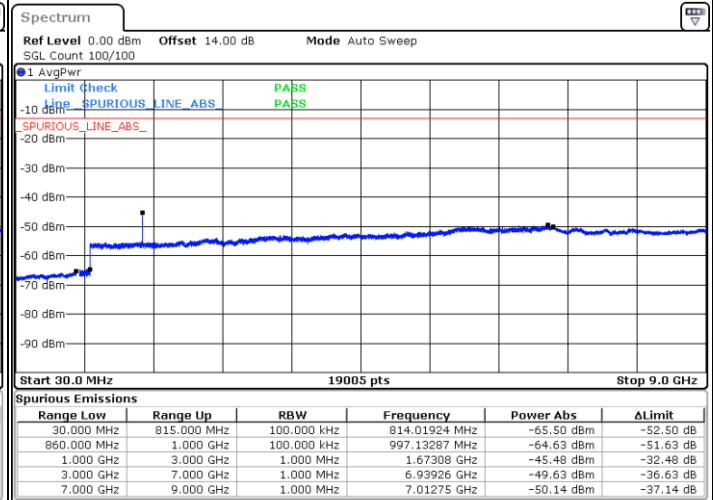
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



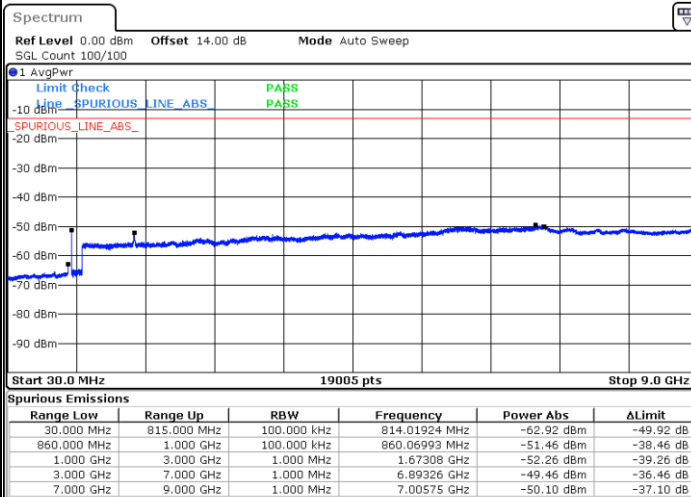
Date: 2.DEC.2022 10:24:02



Date: 2.DEC.2022 10:28:42

Middle Channel / FullIRB

N/A



Date: 2.DEC.2022 10:23:06

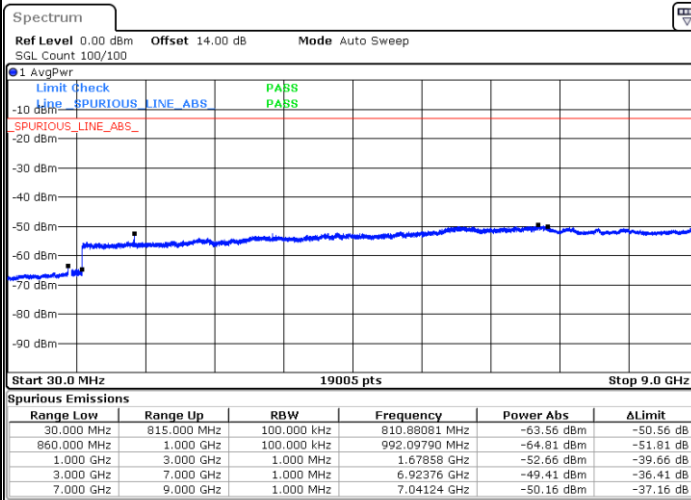


LTE Band 5B / 10MHz+10MHz

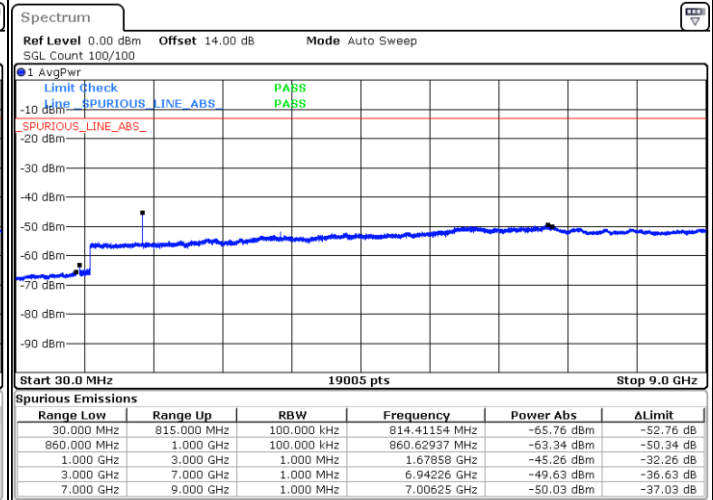
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



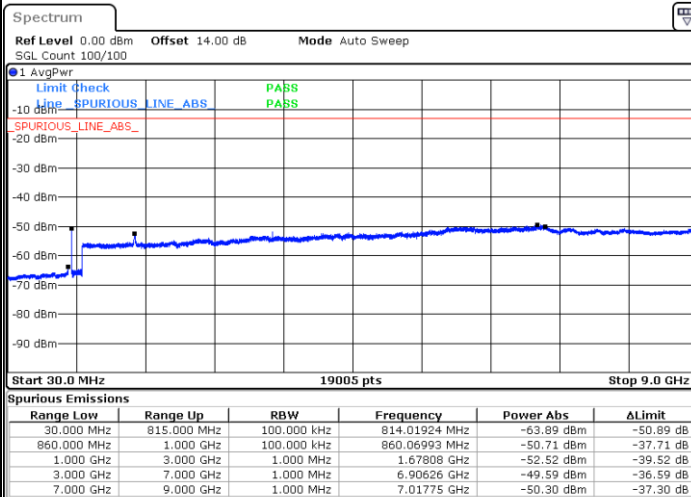
Date: 2.DEC.2022 10:53:53



Date: 2.DEC.2022 10:52:56

Highest Channel / FullIRB

N/A



Date: 2.DEC.2022 10:58:33

**Frequency Stability**

Test Conditions		LTE Band 5B (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz+10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0039	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0030	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0038	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note: Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.



LTE Band 66B

26dB Bandwidth

Mode	LTE Band 66B : 26dB BW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	10.01	14.69	19.14
Middle CH	10.29	14.63	19.22
Highest CH	10.07	14.72	19.10
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	14.63	19.86	19.10
Middle CH	14.69	19.90	18.98
Highest CH	14.78	19.74	19.18

Mode	LTE Band 66B : 26dB BW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	10.17	14.69	18.98
Middle CH	10.03	14.84	19.46
Highest CH	9.95	14.63	19.22
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	14.60	20.18	19.02
Middle CH	14.57	19.94	19.02
Highest CH	14.63	19.90	18.98

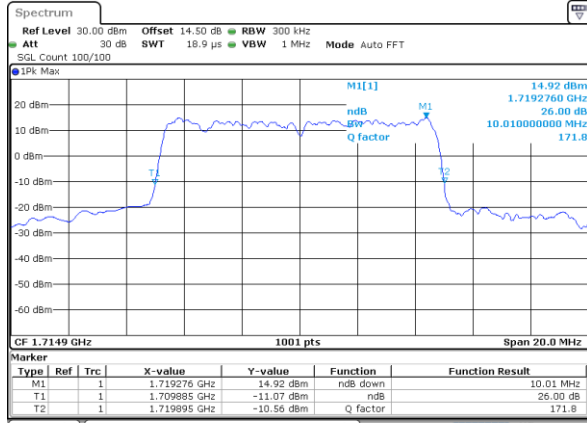
Mode	LTE Band 66B : 26dB BW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.99	14.78	19.26
Middle CH	10.17	14.78	19.06
Highest CH	10.07	14.72	19.46
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	14.60	20.02	18.98
Middle CH	14.66	19.78	19.14
Highest CH	14.60	19.90	19.18



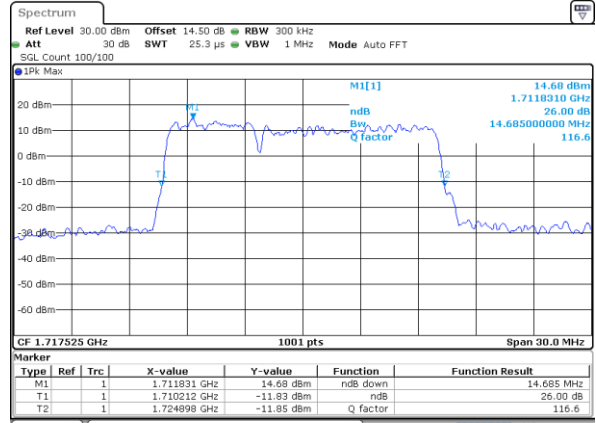
LTE Band 66B

QPSK

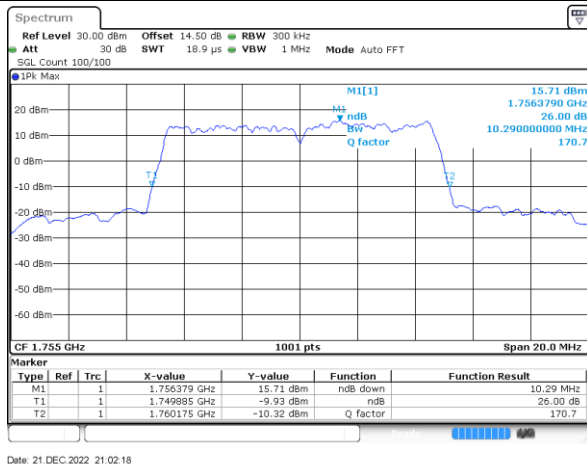
Lowest Channel / 5MHz+5MHz



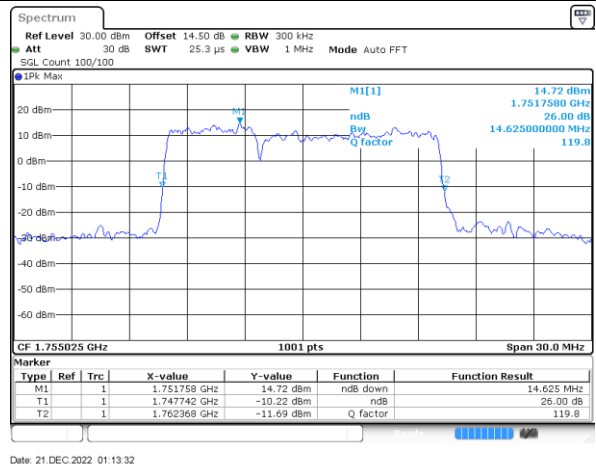
Lowest Channel / 5MHz+10MHz



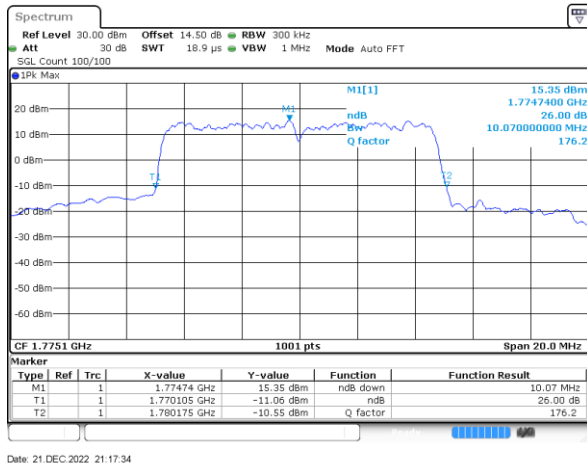
Middle Channel / 5MHz+5MHz



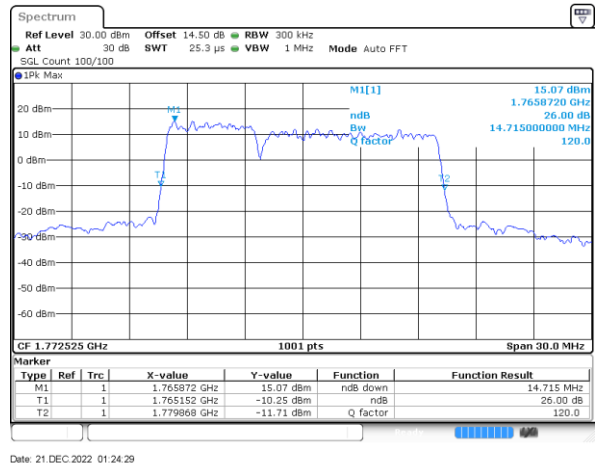
Middle Channel / 5MHz+10MHz



Highest Channel / 5MHz+5MHz



Highest Channel / 5MHz+10MHz

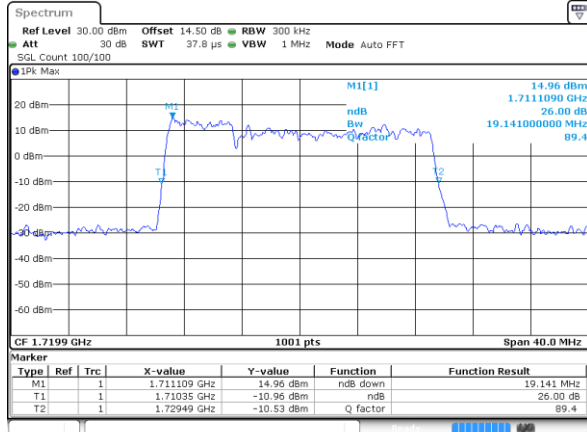




LTE Band 66B

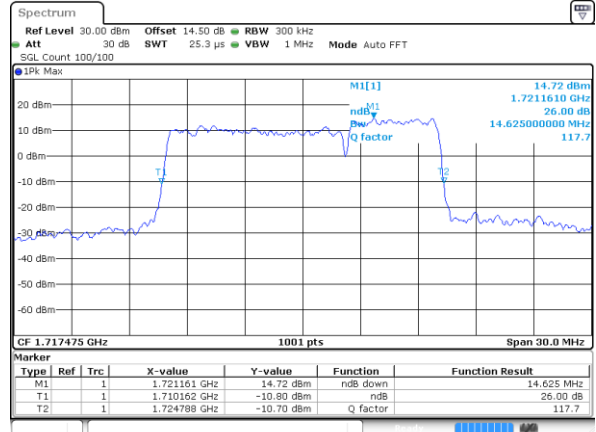
QPSK

Lowest Channel / 5MHz+15MHz



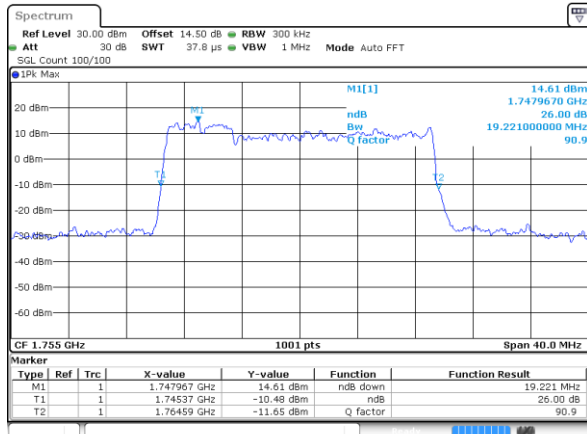
Date: 21 DEC 2022 21:43:05

Lowest Channel / 10MHz+5MHz



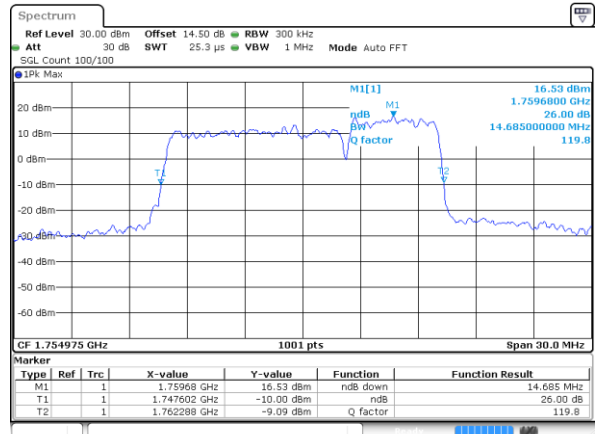
Date: 21 DEC 2022 19:16:47

Middle Channel / 5MHz+15MHz



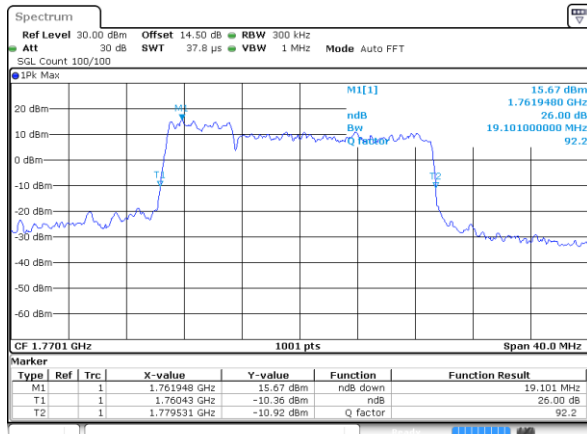
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Middle Channel / 10MHz+5MHz



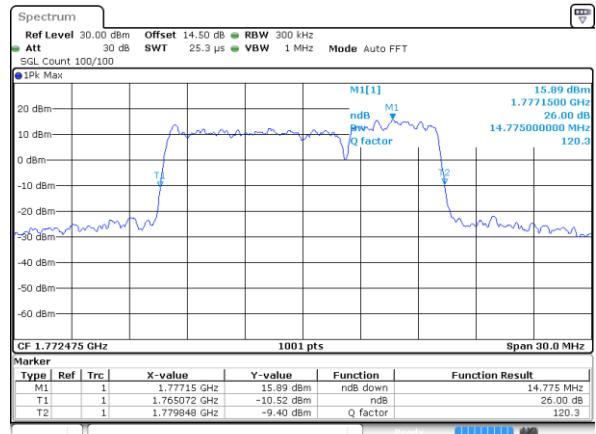
Date: 21 DEC 2022 19:53:44

Highest Channel / 5MHz+15MHz



Date: 21 DEC 2022 22:19:23

Highest Channel / 10MHz+5MHz



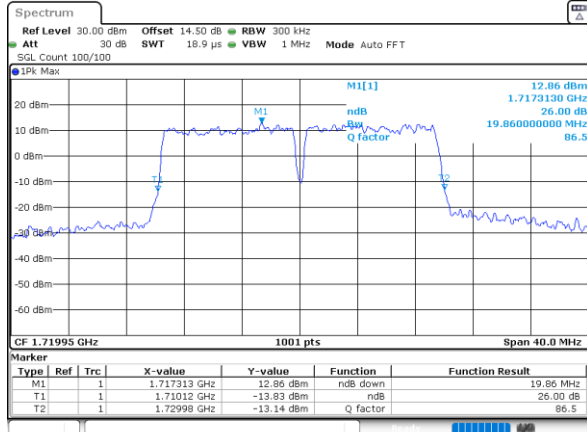
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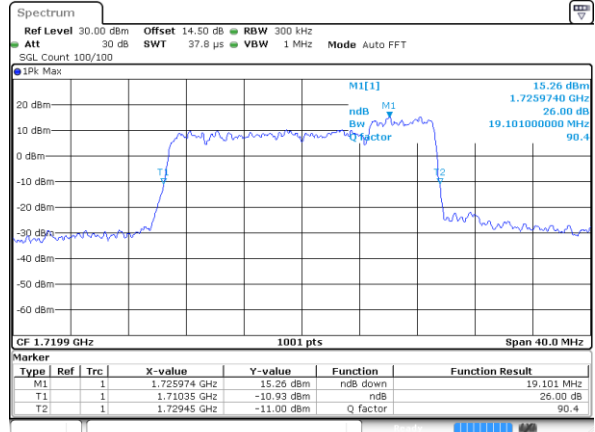
LTE Band 66B

QPSK

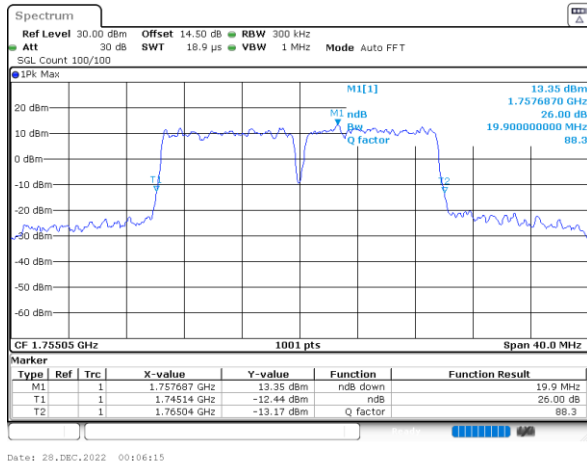
Lowest Channel / 10MHz+10MHz



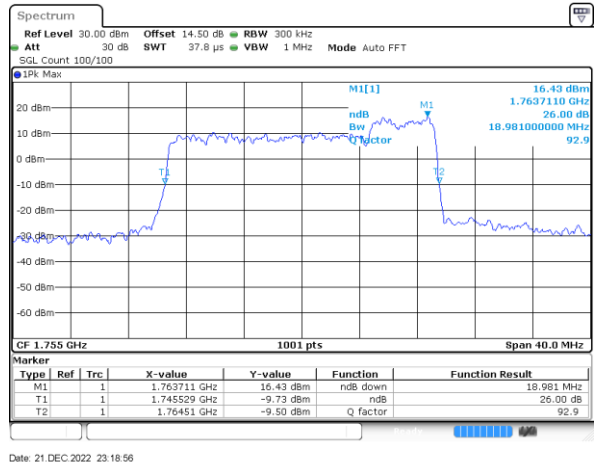
Lowest Channel / 15MHz+5MHz



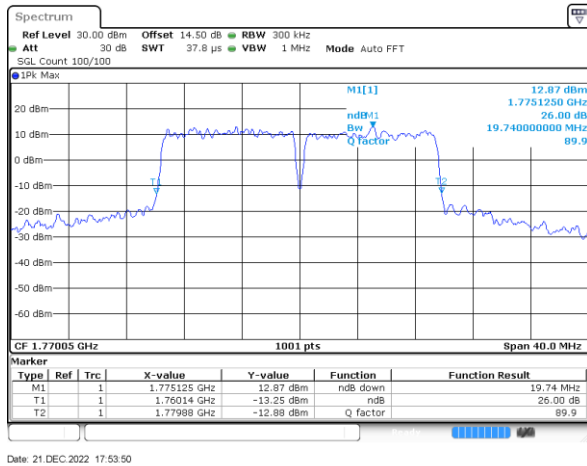
Middle Channel / 10MHz+10MHz



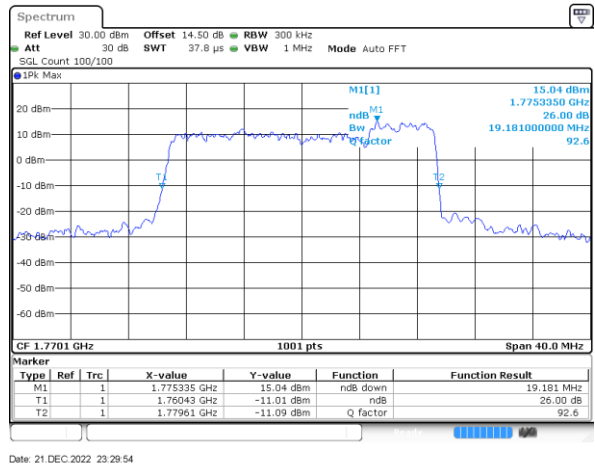
Middle Channel / 15MHz+5MHz



Highest Channel / 10MHz+10MHz



Highest Channel / 15MHz+5MHz

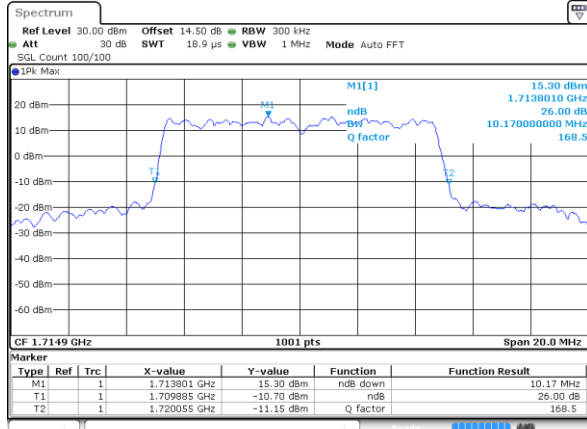




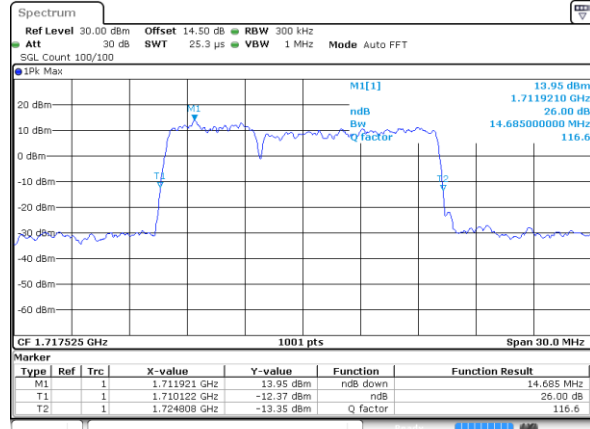
LTE Band 66B

16QAM

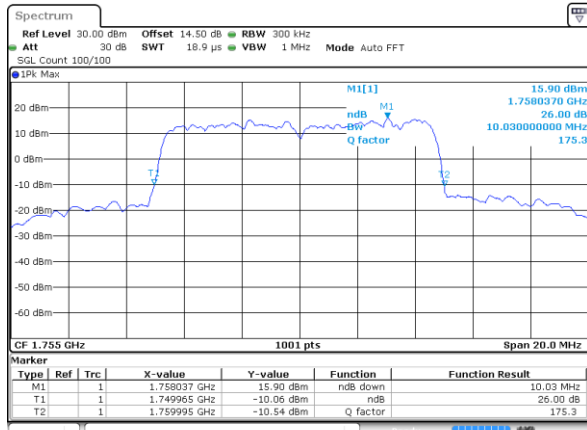
Lowest Channel / 5MHz+5MHz



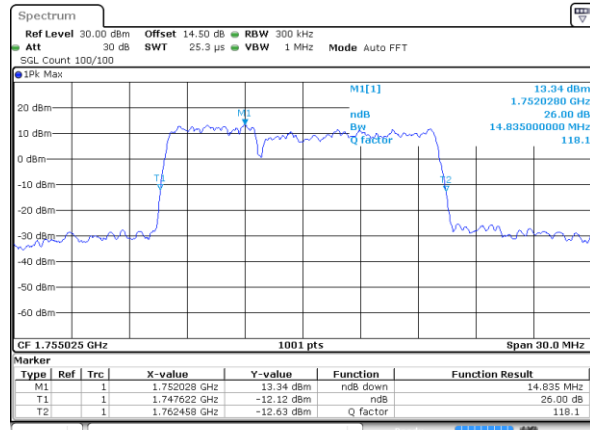
Lowest Channel / 5MHz+10MHz



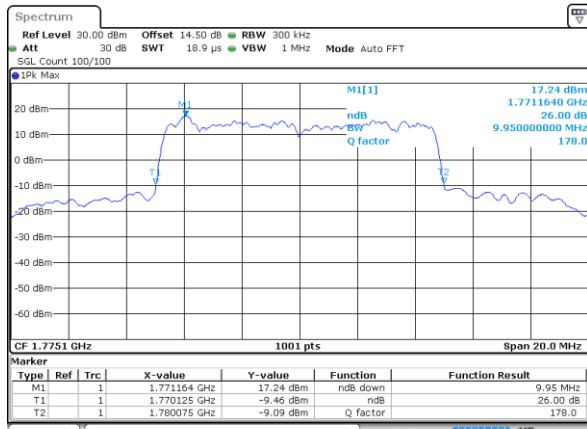
Middle Channel / 5MHz+5MHz



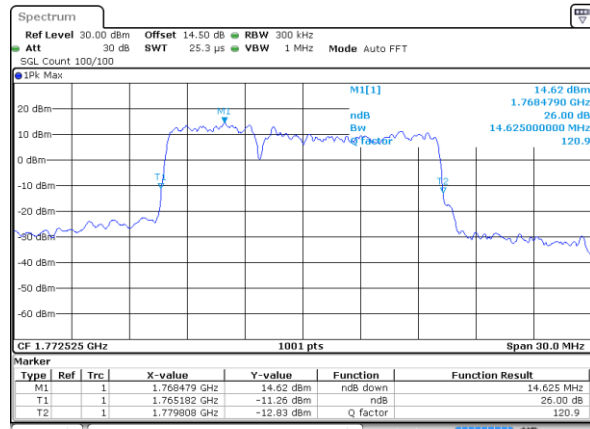
Middle Channel / 5MHz+10MHz



Highest Channel / 5MHz+5MHz



Highest Channel / 5MHz+10MHz

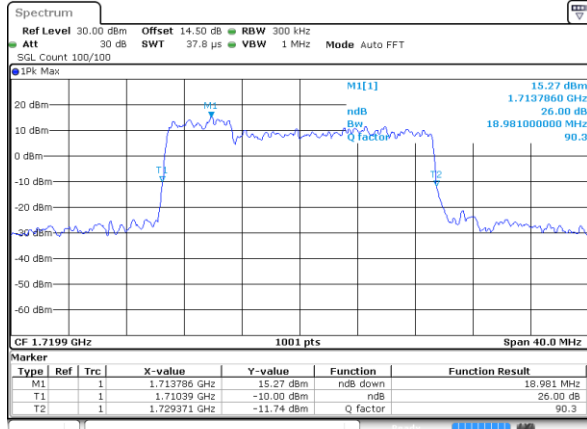




LTE Band 66B

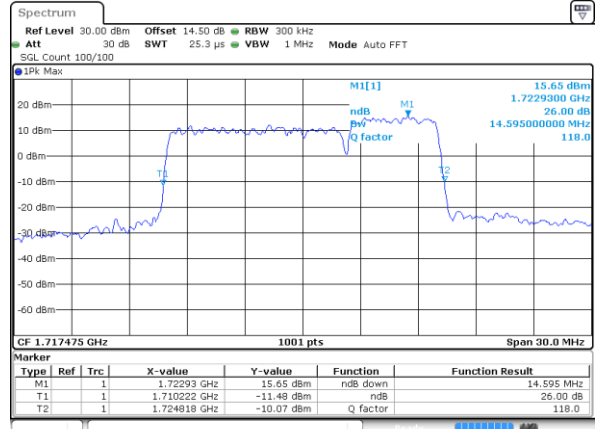
16QAM

Lowest Channel / 5MHz+15MHz



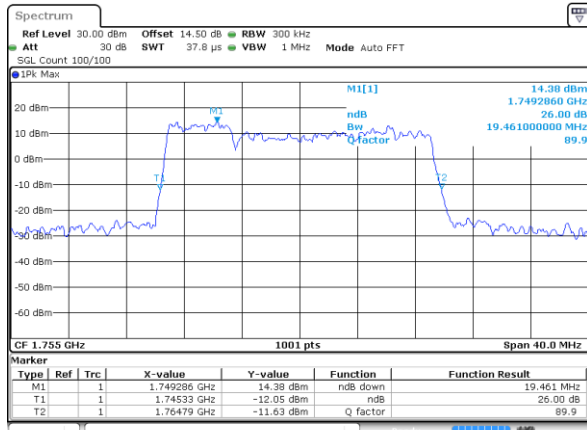
Date: 21 DEC 2022 21:42:35

Lowest Channel / 10MHz+5MHz



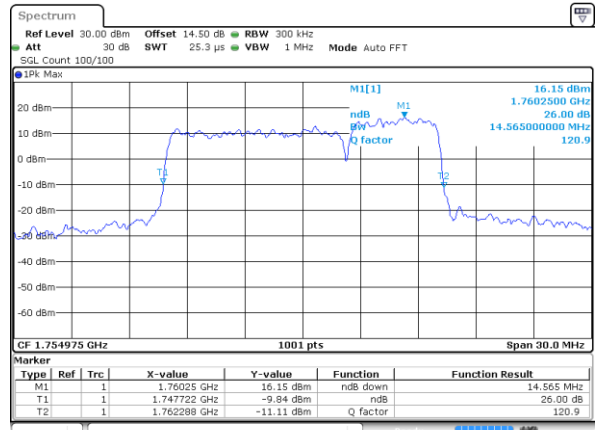
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Middle Channel / 5MHz+15MHz



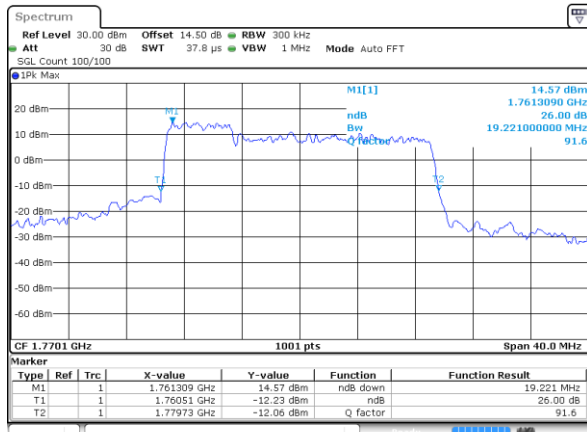
Date: 21 DEC 2022 22:07:55

Middle Channel / 10MHz+5MHz



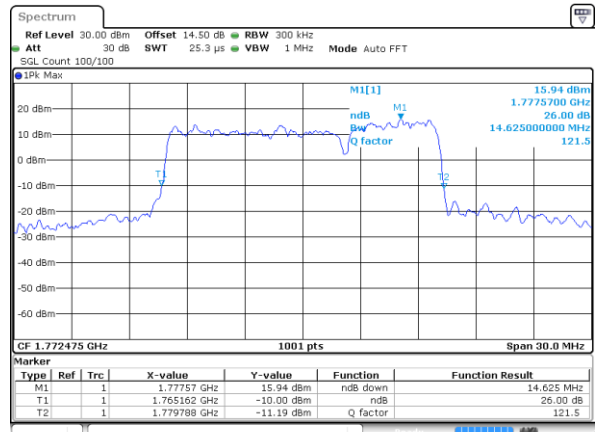
Date: 21 DEC 2022 19:53:14

Highest Channel / 5MHz+15MHz



Date: 21 DEC 2022 22:19:53

Highest Channel / 10MHz+5MHz



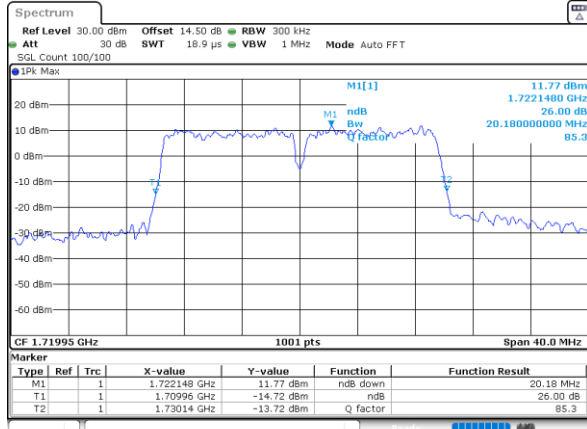
Date: 21 DEC 2022 20:14:34



LTE Band 66B

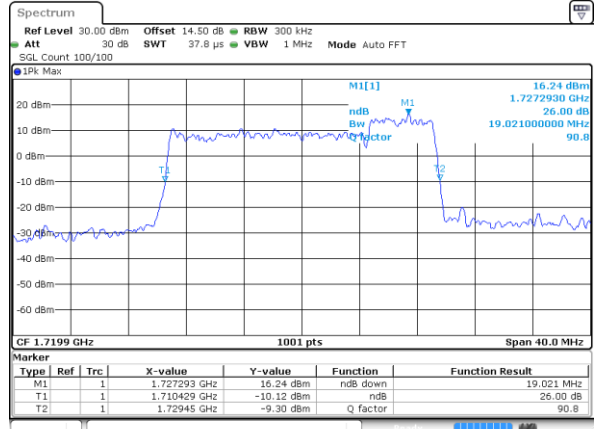
16QAM

Lowest Channel / 10MHz+10MHz



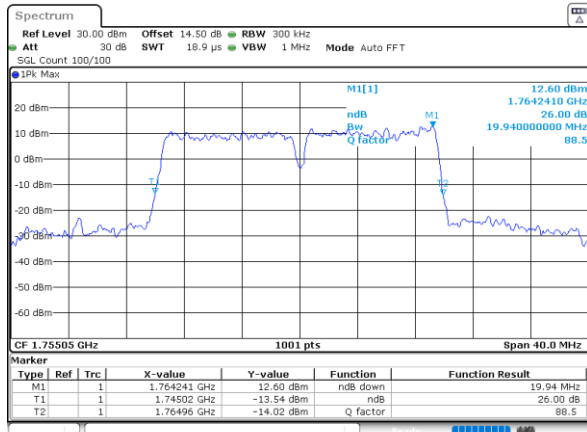
Date: 27, DEC, 2022 23:50:59

Lowest Channel / 15MHz+5MHz



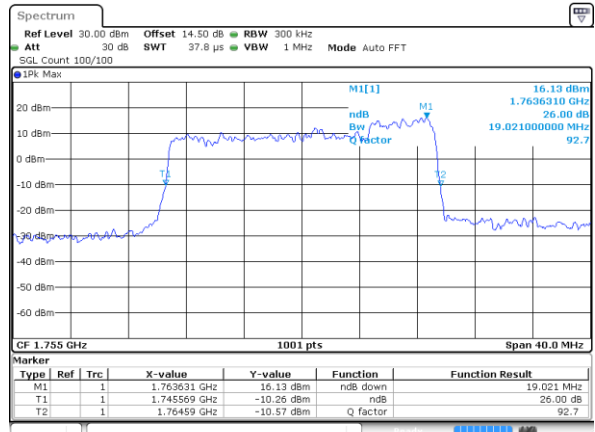
Date: 21 DEC 2022 22:46:04

Middle Channel / 10MHz+10MHz



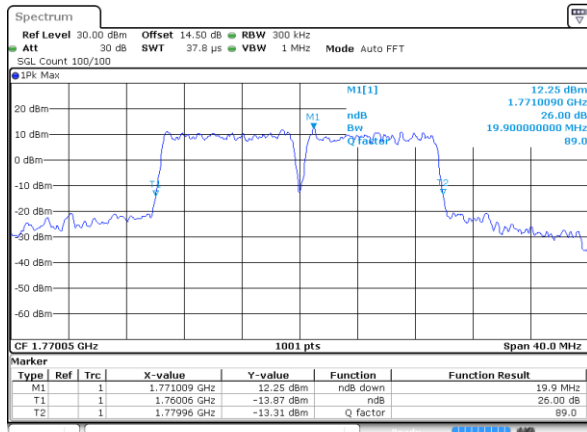
Date: 28, DEC, 2022 00:01:31

Middle Channel / 15MHz+5MHz



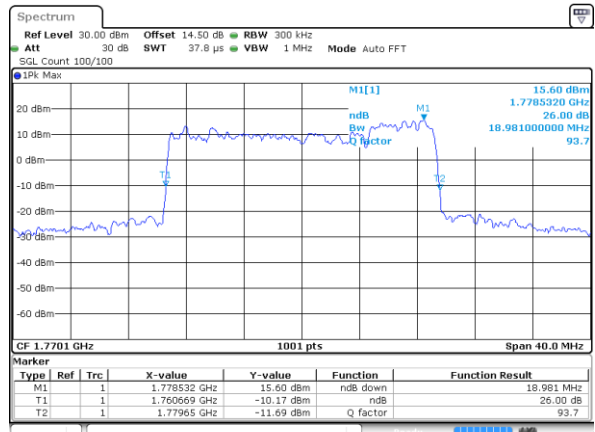
Date: 21 DEC 2022 23:18:26

Highest Channel / 10MHz+10MHz



Date: 21 DEC 2022 17:54:21

Highest Channel / 15MHz+5MHz



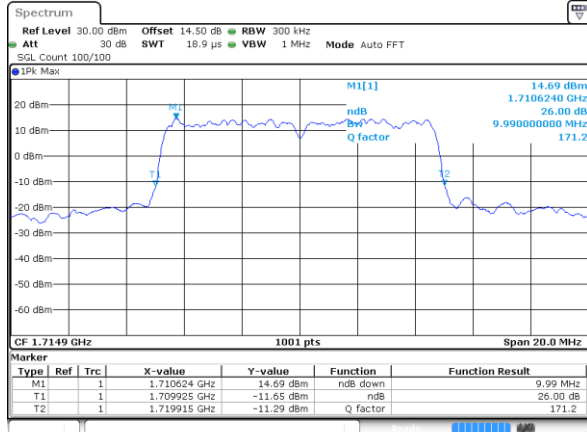
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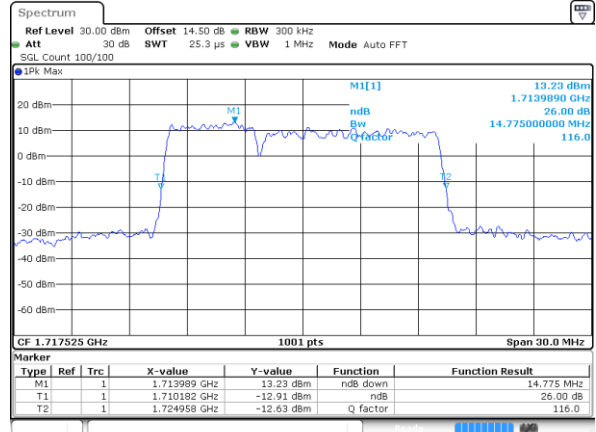
LTE Band 66B

64QAM

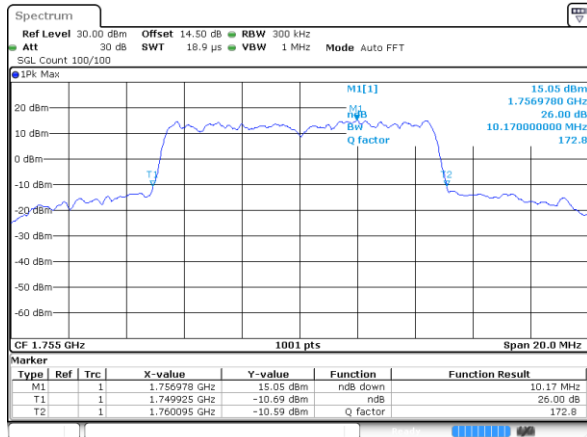
Lowest Channel / 5MHz+5MHz



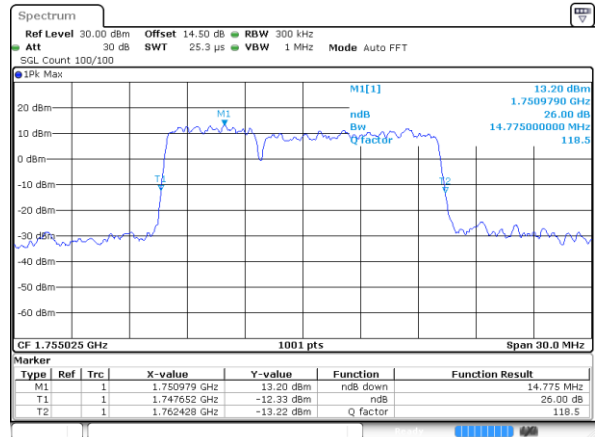
Lowest Channel / 5MHz+10MHz



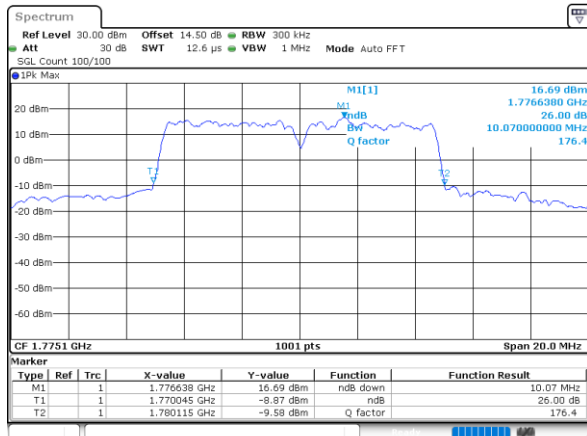
Middle Channel / 5MHz+5MHz



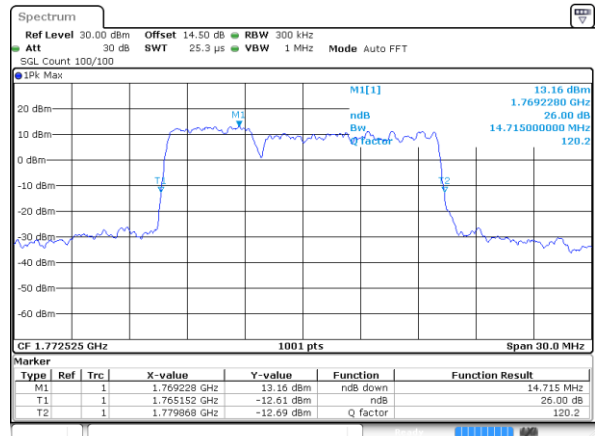
Middle Channel / 5MHz+10MHz



Highest Channel / 5MHz+5MHz



Highest Channel / 5MHz+10MHz

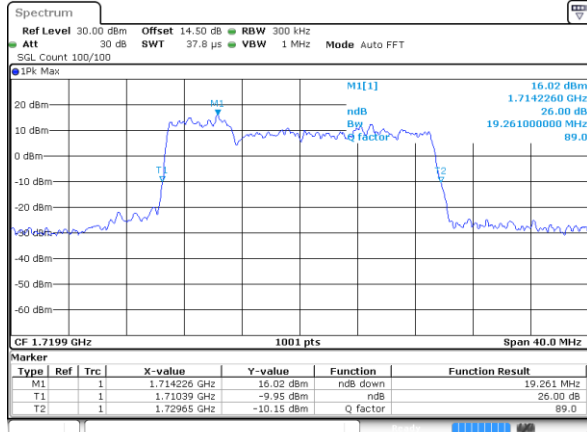




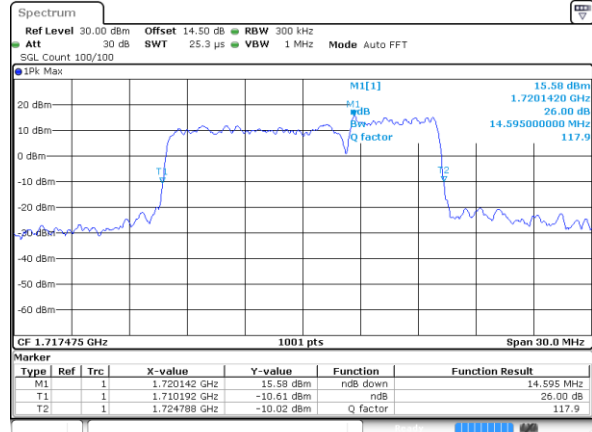
LTE Band 66B

64QAM

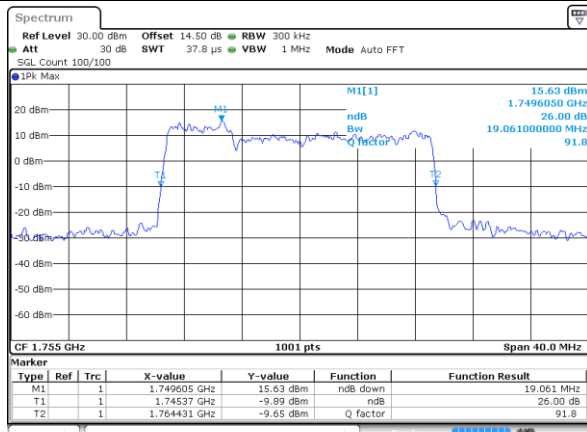
Lowest Channel / 5MHz+15MHz



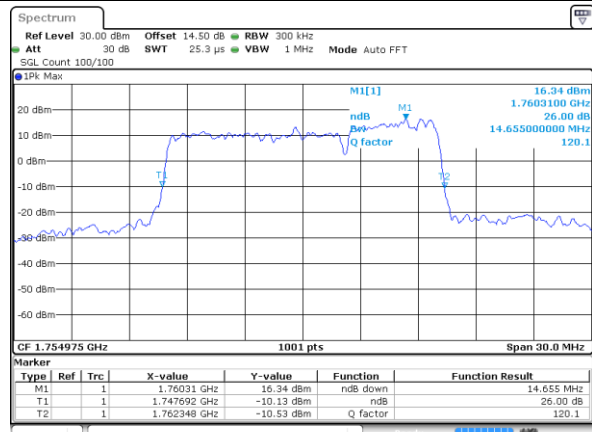
Lowest Channel / 10MHz+5MHz



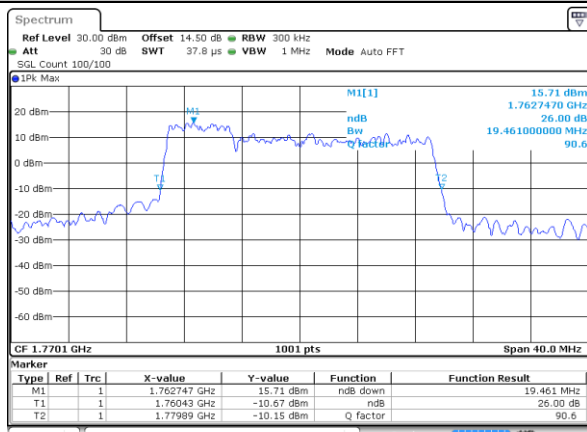
Middle Channel / 5MHz+15MHz



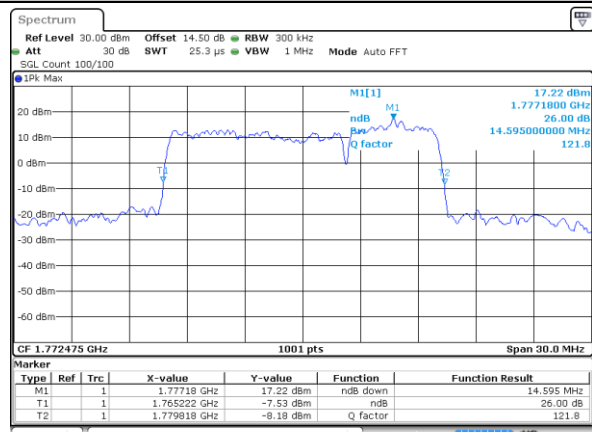
Middle Channel / 10MHz+5MHz



Highest Channel / 5MHz+15MHz



Highest Channel / 10MHz+5MHz

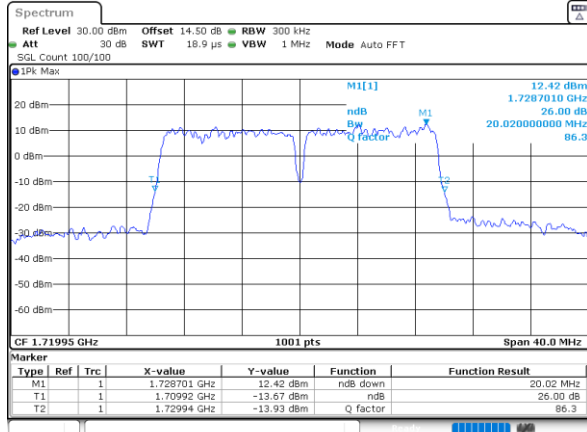




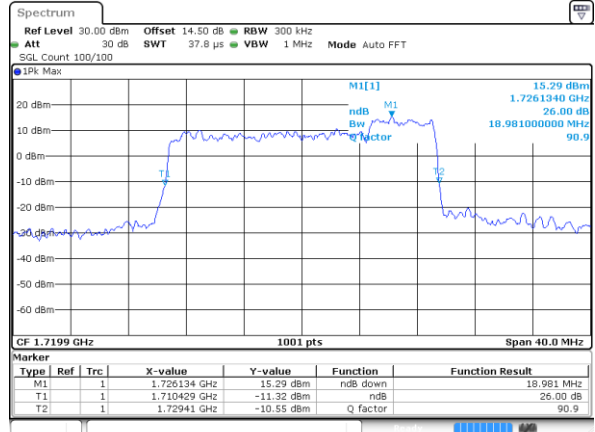
LTE Band 66B

64QAM

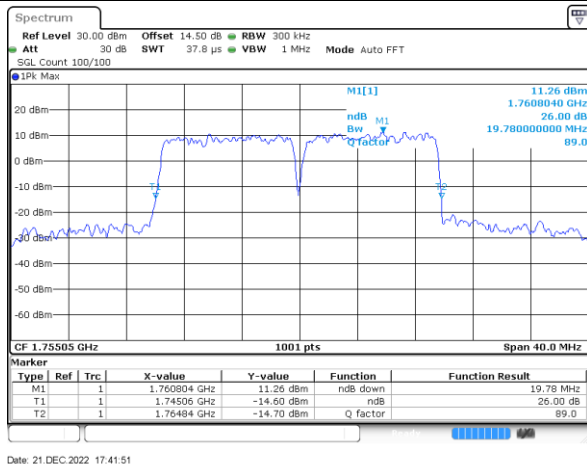
Lowest Channel / 10MHz+10MHz



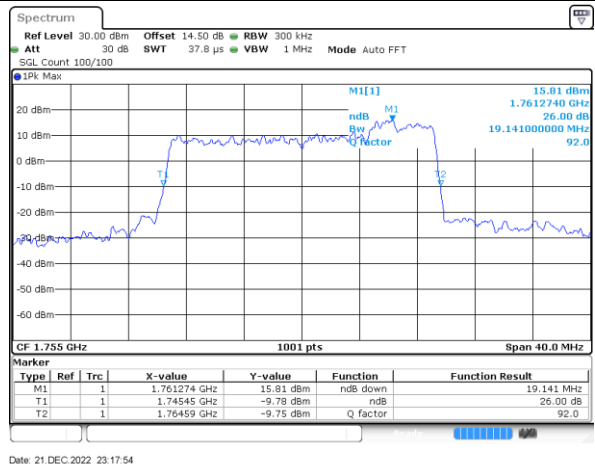
Lowest Channel / 15MHz+5MHz



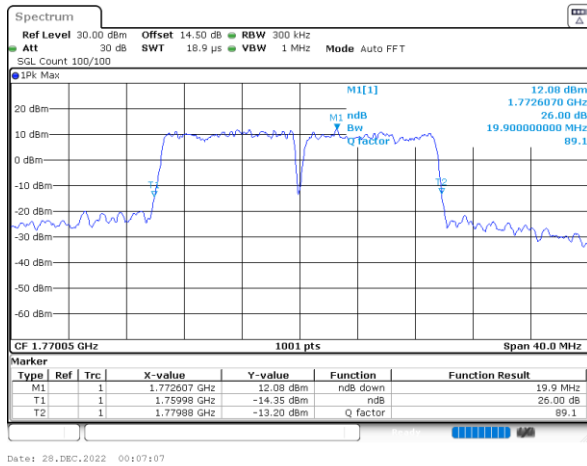
Middle Channel / 10MHz+10MHz



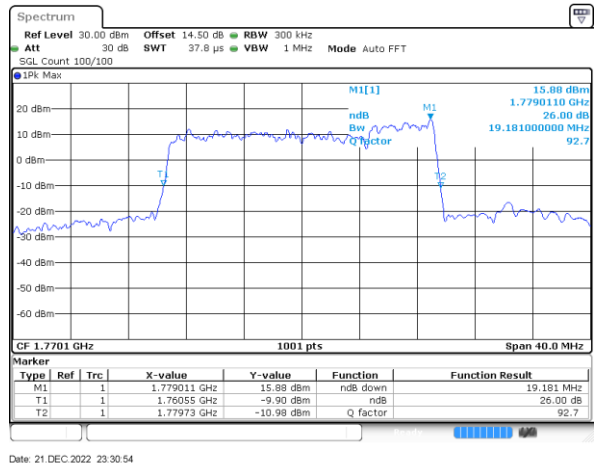
Middle Channel / 15MHz+5MHz



Highest Channel / 10MHz+10MHz



Highest Channel / 15MHz+5MHz



**Occupied Bandwidth**

Mode	LTE Band 66B : 99%OBW(MHz)		
QPSK			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.39	13.94	18.22
Middle CH	9.35	14.00	18.22
Highest CH	9.33	14.00	18.30
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	13.88	18.78	18.22
Middle CH	13.88	18.82	18.18
Highest CH	13.91	18.74	18.18

Mode	LTE Band 66B : 99%OBW(MHz)		
16QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.35	13.97	18.18
Middle CH	9.37	13.91	18.30
Highest CH	9.43	13.91	18.18
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	13.91	18.74	18.18
Middle CH	13.91	18.78	18.22
Highest CH	13.91	18.78	18.30

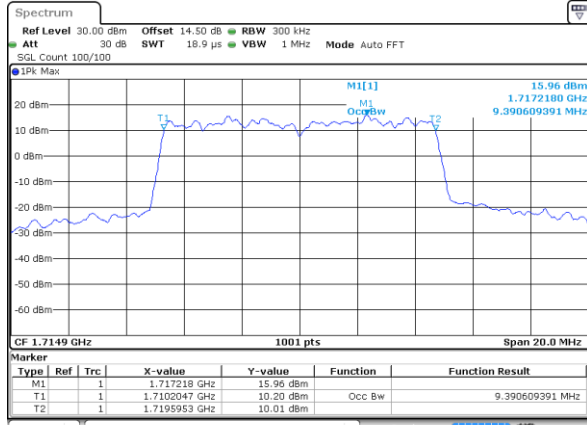
Mode	LTE Band 66B : 99%OBW(MHz)		
64QAM			
BW	5MHz+5MHz	5MHz+10MHz	5MHz+15MHz
Lowest CH	9.41	13.91	18.22
Middle CH	9.33	13.91	18.30
Highest CH	9.41	13.94	18.30
BW	10MHz+5MHz	10MHz+10MHz	15MHz+5MHz
Lowest CH	13.79	18.82	18.14
Middle CH	13.91	18.78	18.22
Highest CH	13.97	18.78	18.22



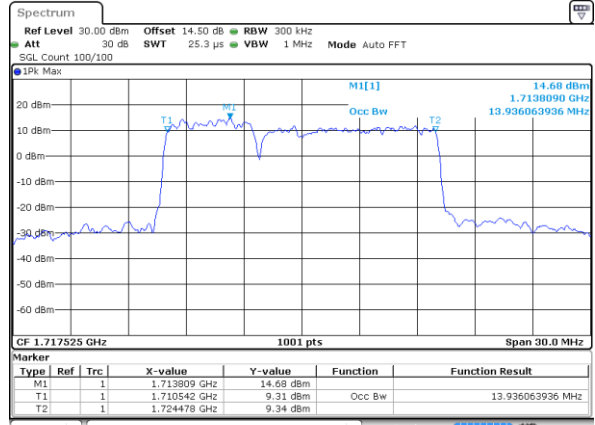
LTE Band 66B

QPSK

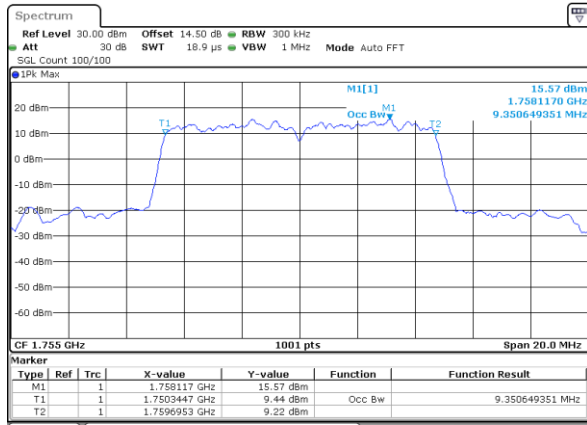
Lowest Channel / 5MHz+5MHz



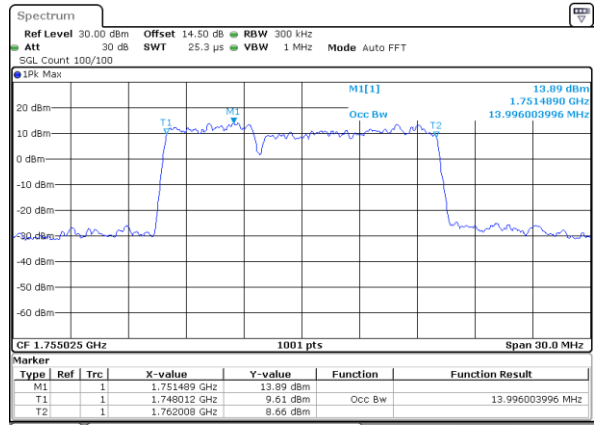
Lowest Channel / 5MHz+10MHz



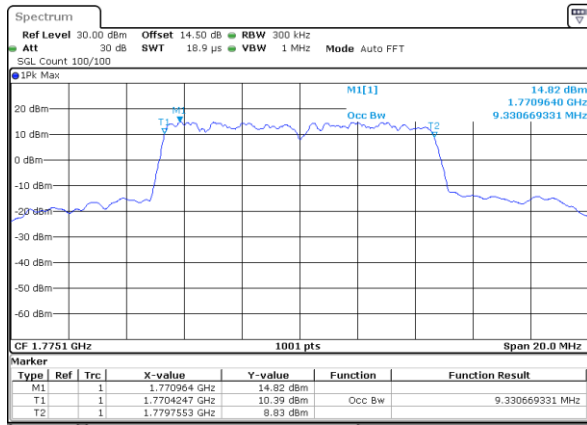
Middle Channel / 5MHz+5MHz



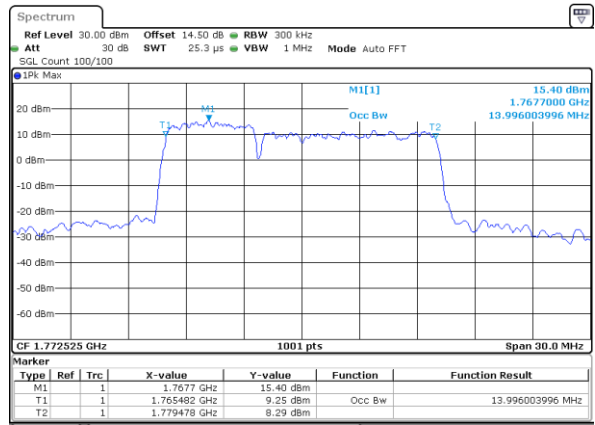
Middle Channel / 5MHz+10MHz



Highest Channel / 5MHz+5MHz



Highest Channel / 5MHz+10MHz

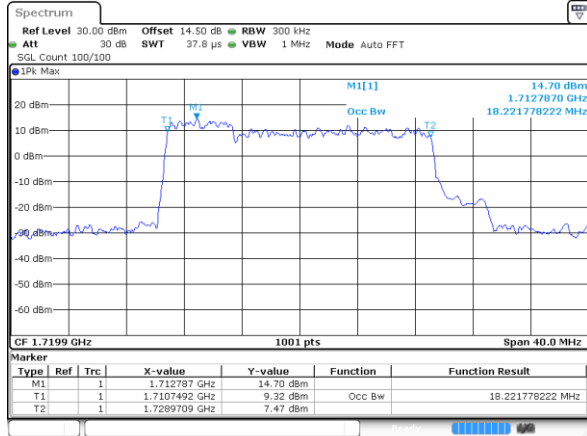




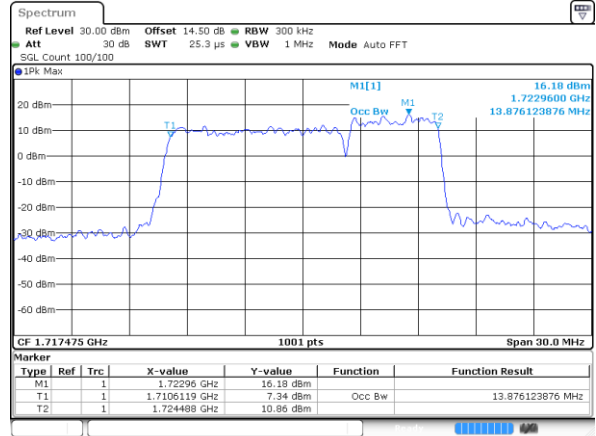
LTE Band 66B

QPSK

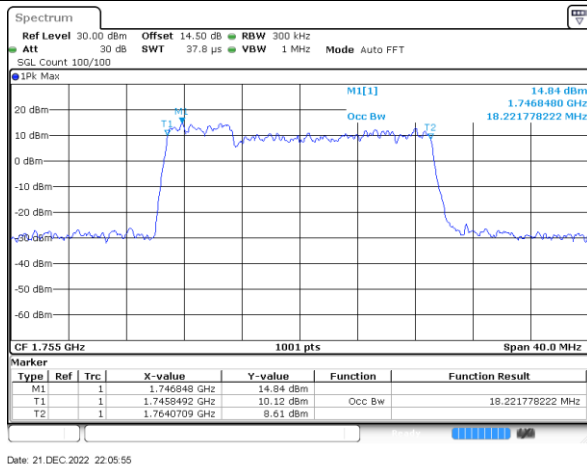
Lowest Channel / 5MHz+15MHz



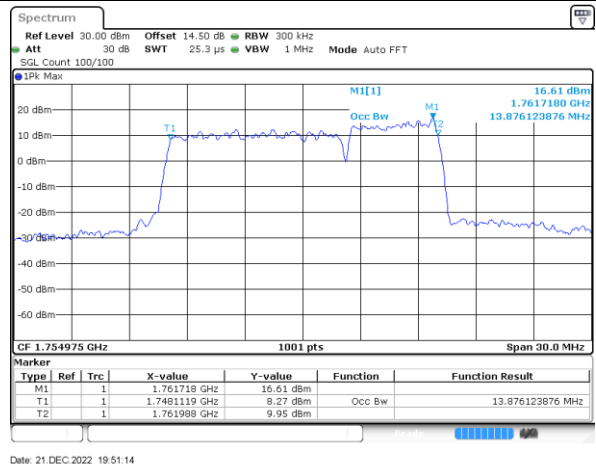
Lowest Channel / 10MHz+5MHz



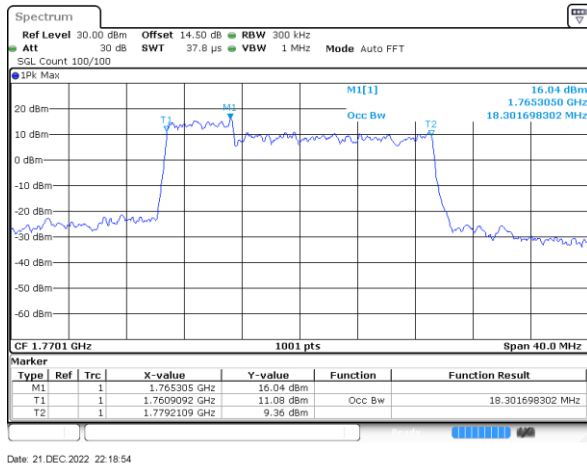
Middle Channel / 5MHz+15MHz



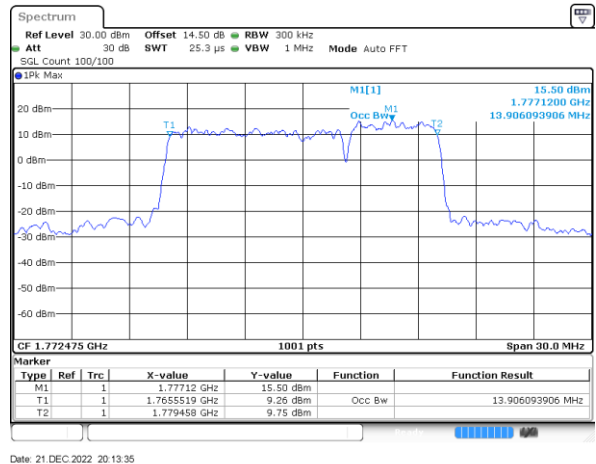
Middle Channel / 10MHz+5MHz



Highest Channel / 5MHz+15MHz



Highest Channel / 10MHz+5MHz

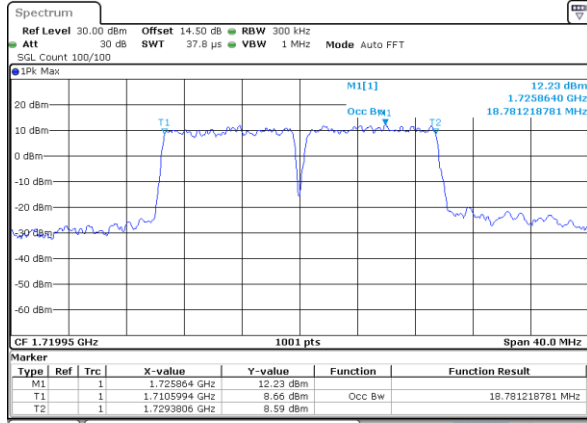




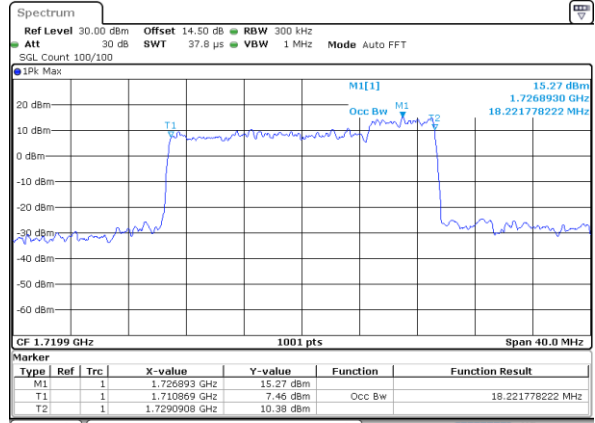
LTE Band 66B

QPSK

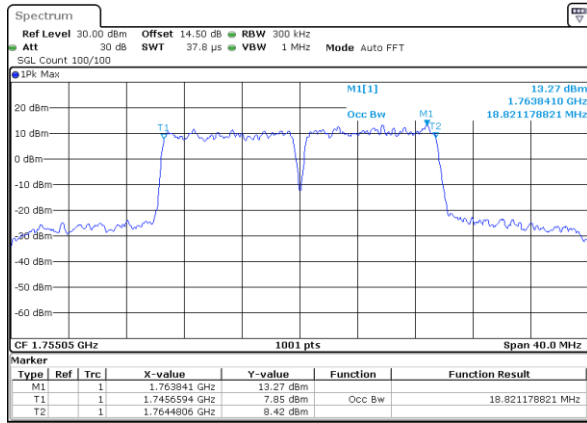
Lowest Channel / 10MHz+10MHz



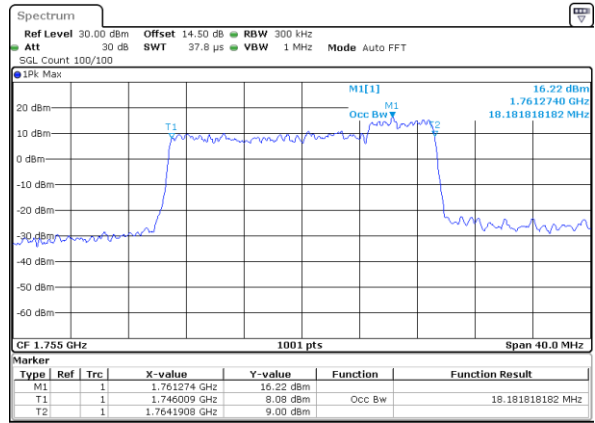
Lowest Channel / 15MHz+5MHz



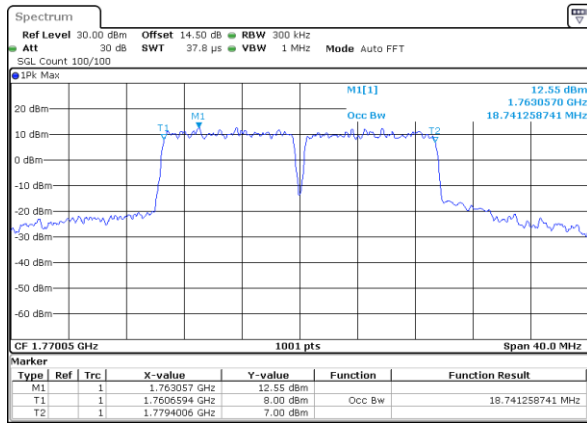
Middle Channel / 10MHz+10MHz



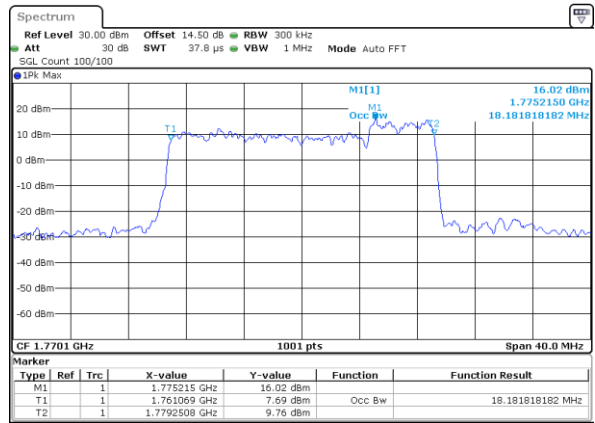
Middle Channel / 15MHz+5MHz



Highest Channel / 10MHz+10MHz



Highest Channel / 15MHz+5MHz

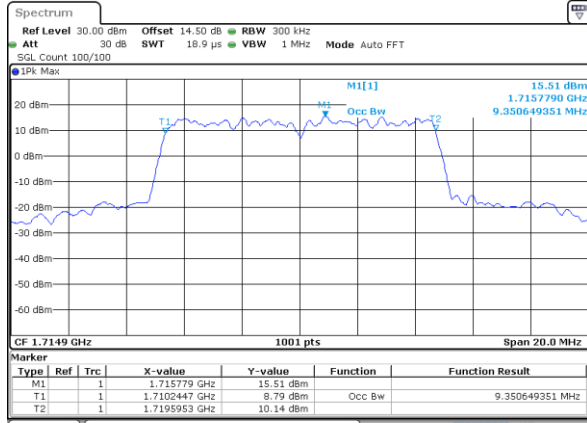




LTE Band 66B

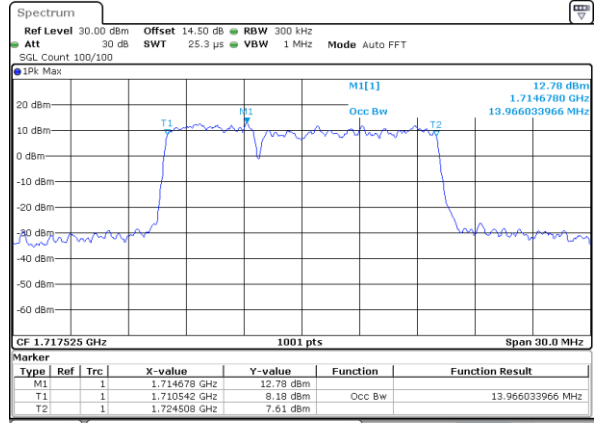
16QAM

Lowest Channel / 5MHz+5MHz



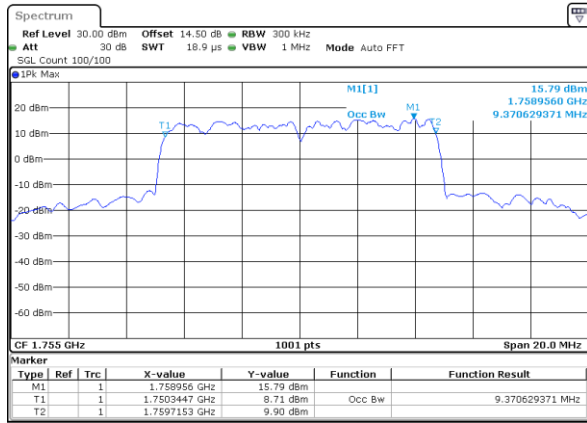
Date: 21 DEC 2022 20:37:09

Lowest Channel / 5MHz+10MHz



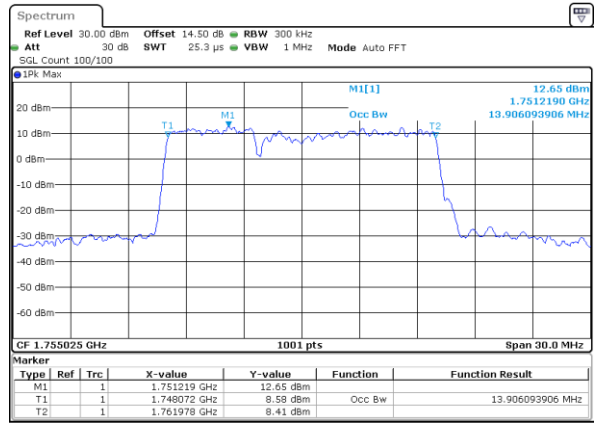
Date: 21 DEC 2022 00:37:21

Middle Channel / 5MHz+5MHz



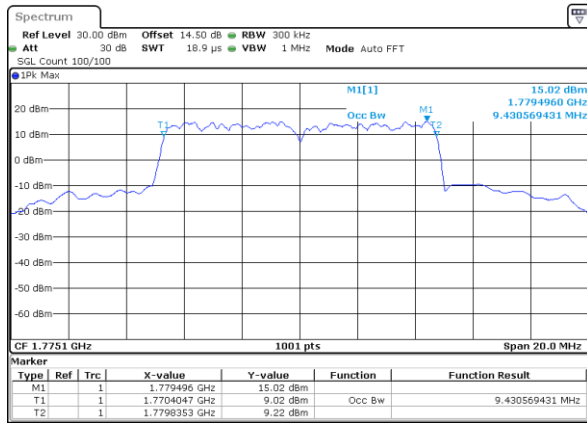
Date: 21 DEC 2022 21:00:18

Middle Channel / 5MHz+10MHz



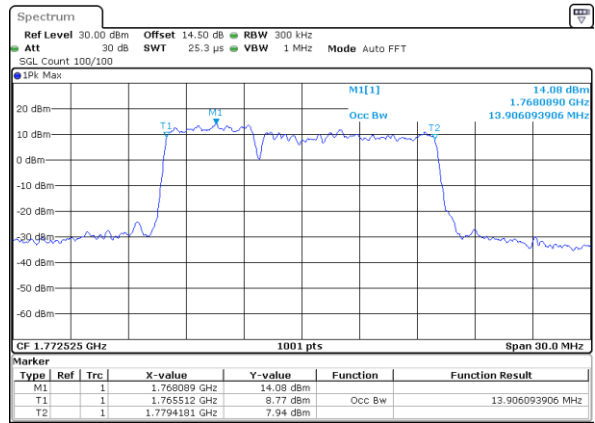
Date: 21 DEC 2022 01:11:32

Highest Channel / 5MHz+5MHz



Date: 21 DEC 2022 21:16:34

Highest Channel / 5MHz+10MHz



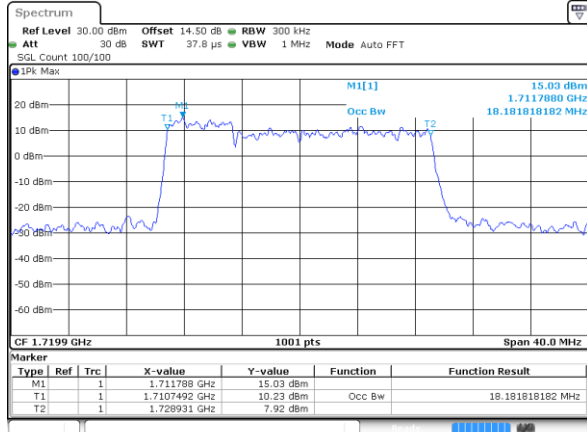
Date: 21 DEC 2022 01:23:29



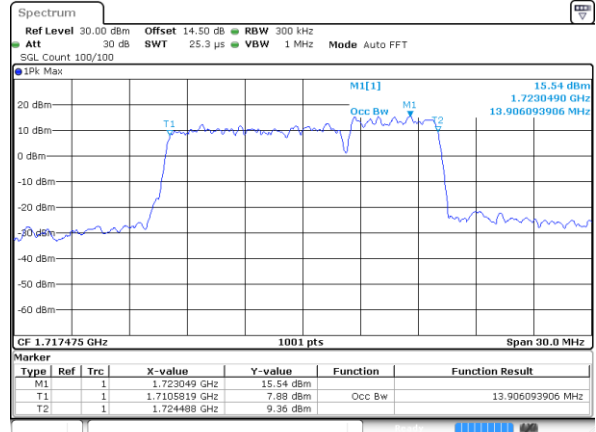
LTE Band 66B

16QAM

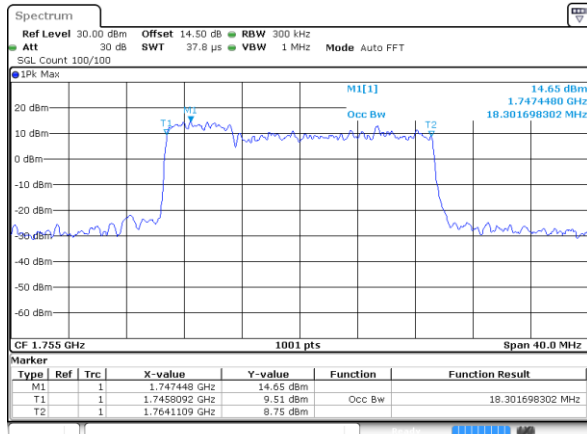
Lowest Channel / 5MHz+15MHz



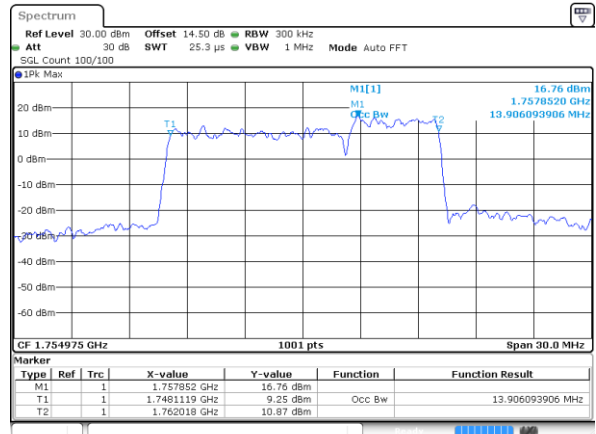
Lowest Channel / 10MHz+5MHz



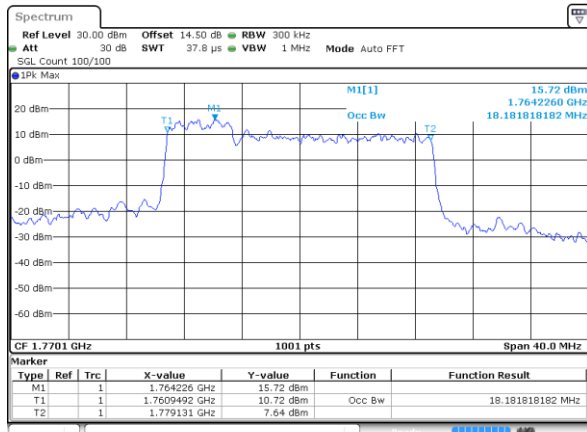
Middle Channel / 5MHz+15MHz



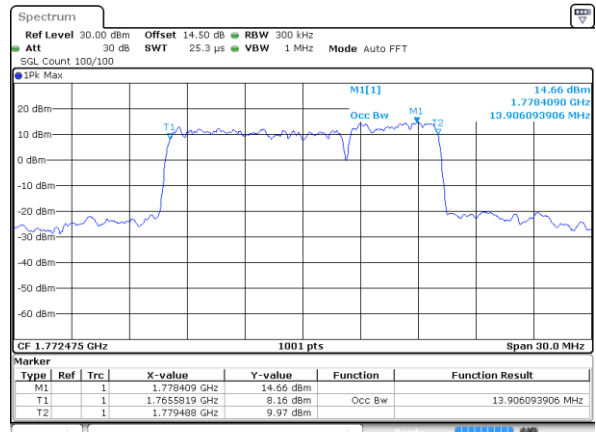
Middle Channel / 10MHz+5MHz



Highest Channel / 5MHz+15MHz



Highest Channel / 10MHz+5MHz

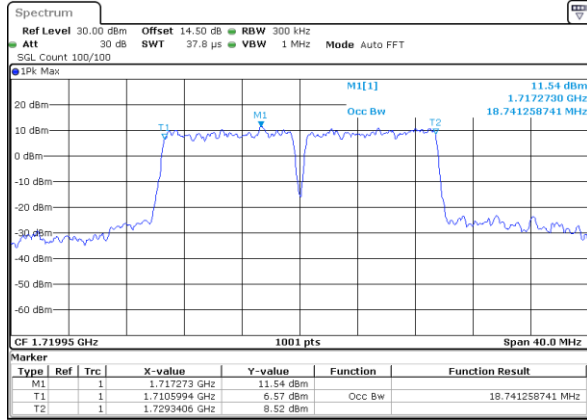




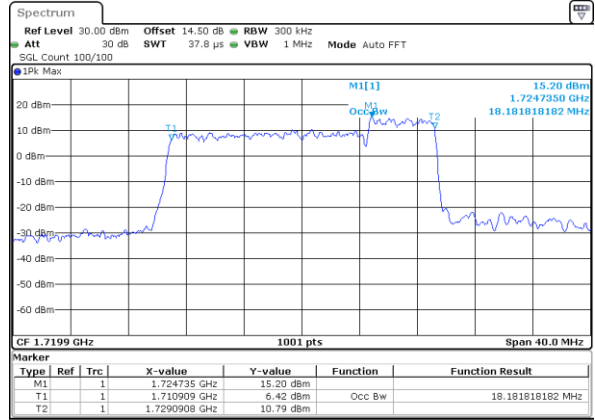
LTE Band 66B

16QAM

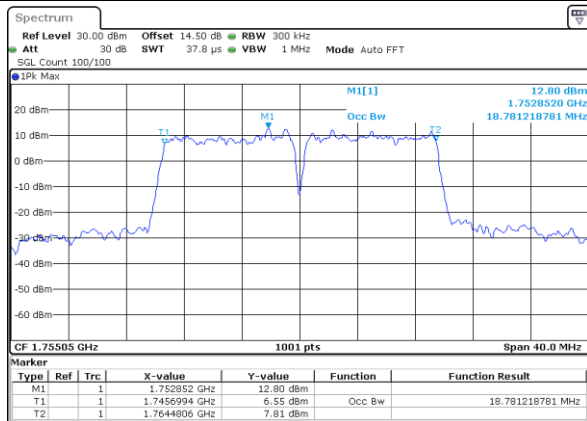
Lowest Channel / 10MHz+10MHz



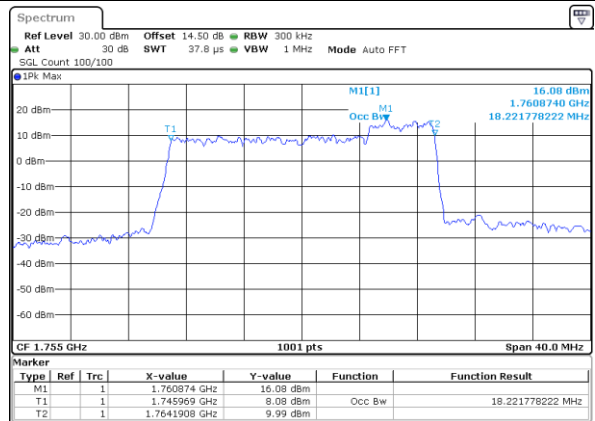
Lowest Channel / 15MHz+5MHz



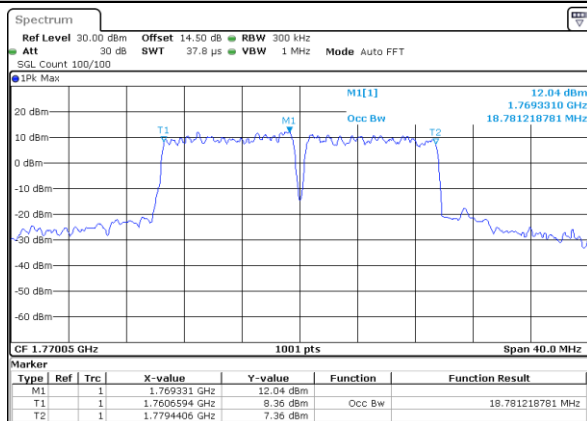
Middle Channel / 10MHz+10MHz



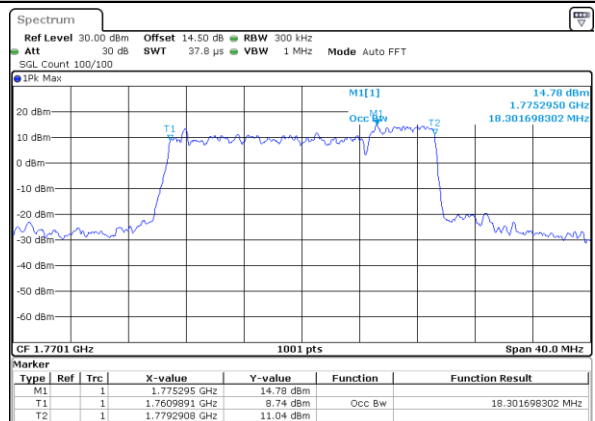
Middle Channel / 15MHz+5MHz



Highest Channel / 10MHz+10MHz



Highest Channel / 15MHz+5MHz

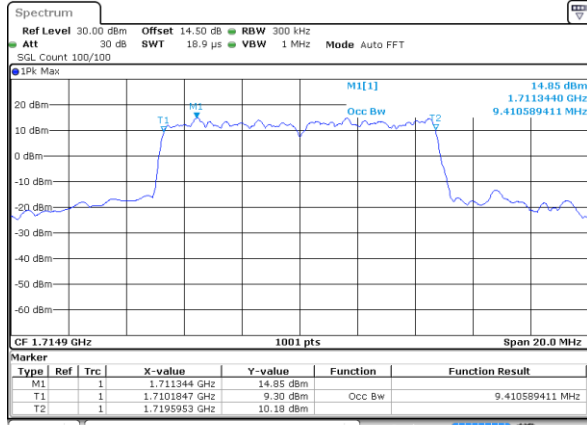




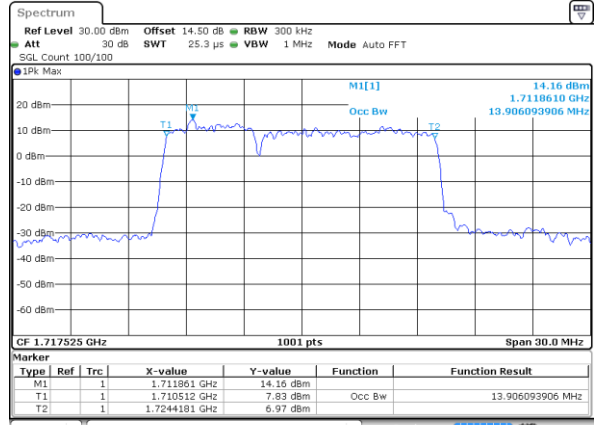
LTE Band 66B

64QAM

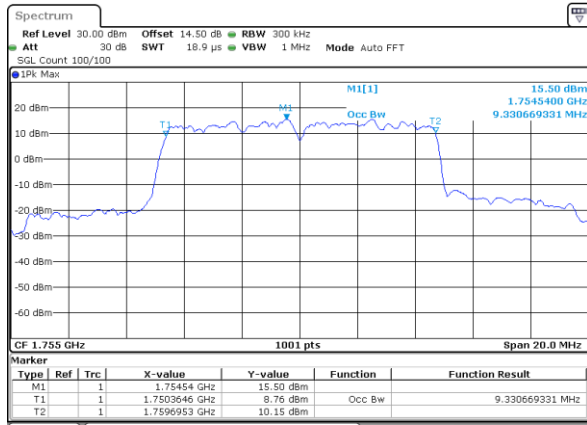
Lowest Channel / 5MHz+5MHz



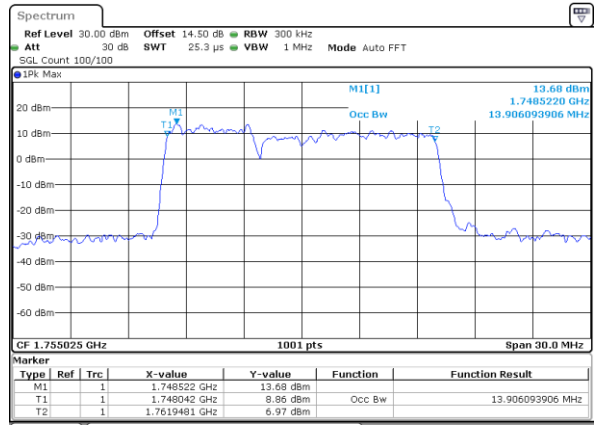
Lowest Channel / 5MHz+10MHz



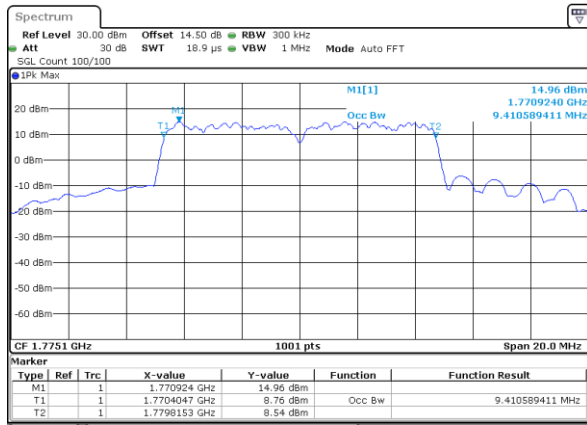
Middle Channel / 5MHz+5MHz



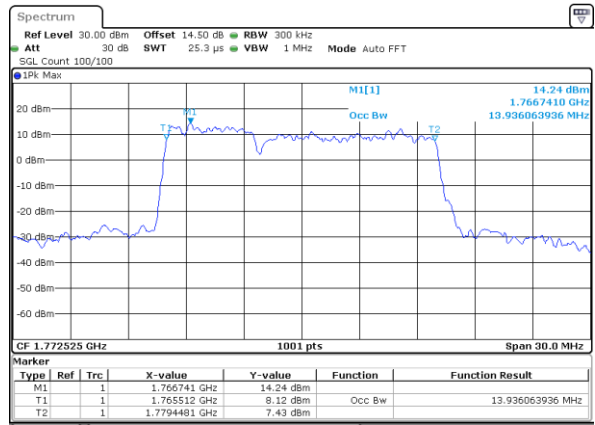
Middle Channel / 5MHz+10MHz



Highest Channel / 5MHz+5MHz



Highest Channel / 5MHz+10MHz

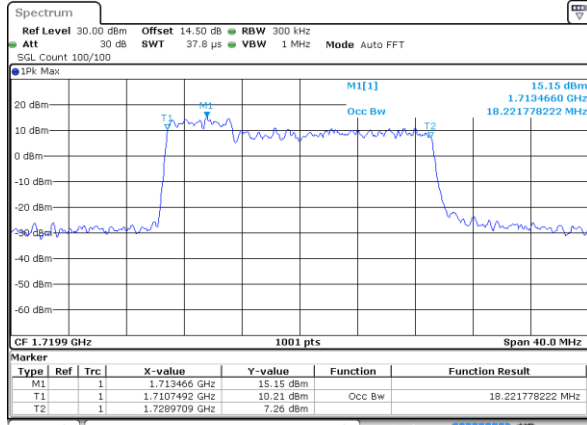




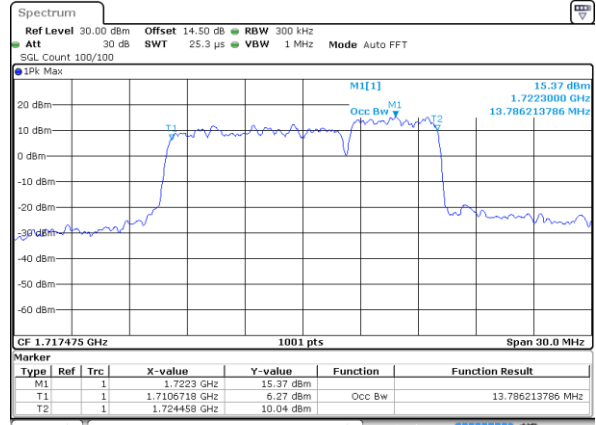
LTE Band 66B

64QAM

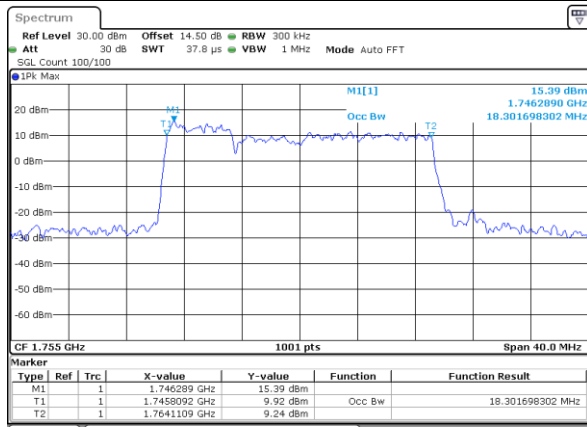
Lowest Channel / 5MHz+15MHz



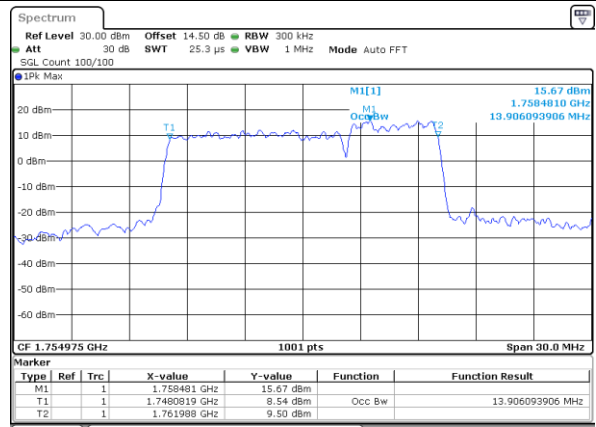
Lowest Channel / 10MHz+5MHz



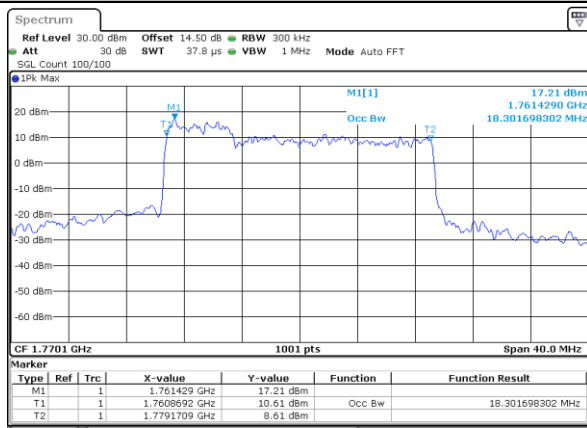
Middle Channel / 5MHz+15MHz



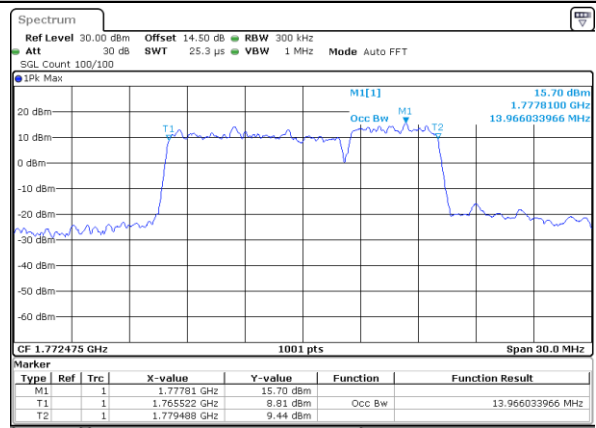
Middle Channel / 10MHz+5MHz



Highest Channel / 5MHz+15MHz



Highest Channel / 10MHz+5MHz

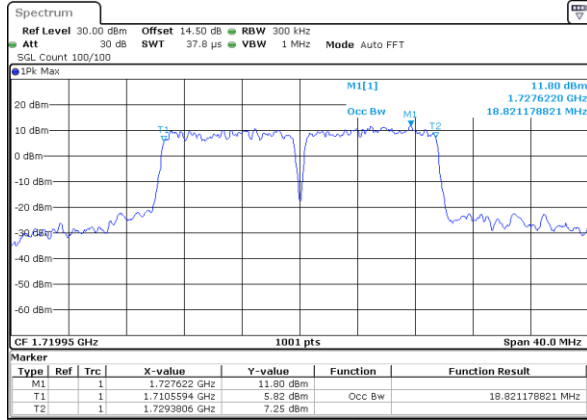




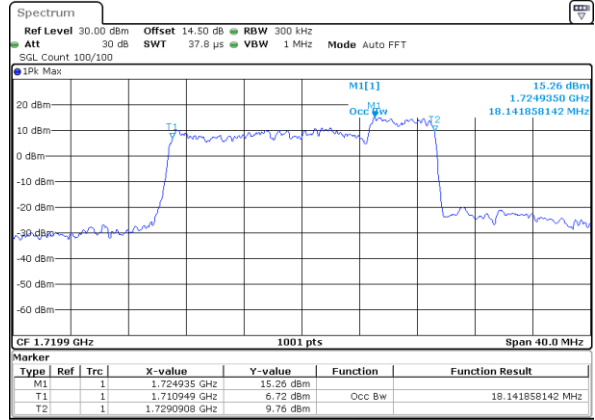
LTE Band 66B

64QAM

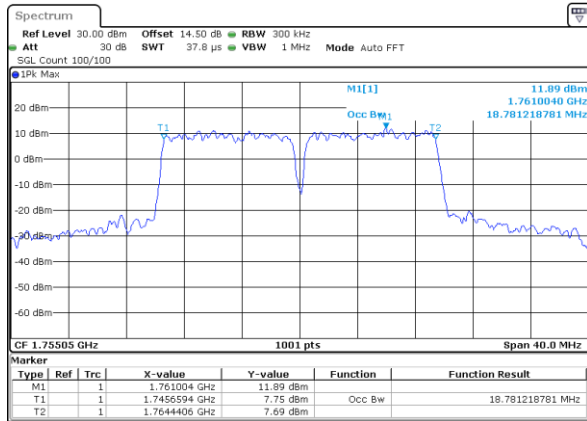
Lowest Channel / 10MHz+10MHz



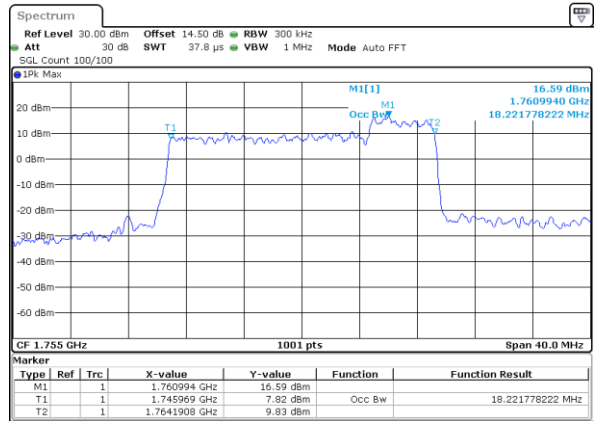
Lowest Channel / 15MHz+5MHz



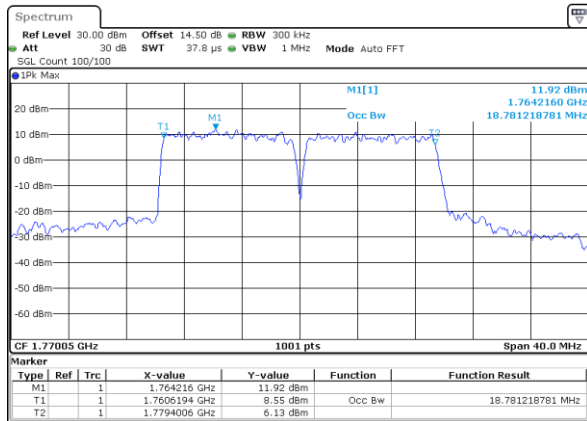
Middle Channel / 10MHz+10MHz



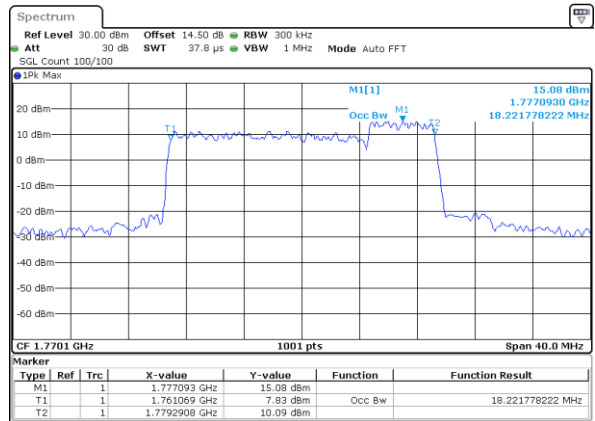
Middle Channel / 15MHz+5MHz



Highest Channel / 10MHz+10MHz



Highest Channel / 15MHz+5MHz



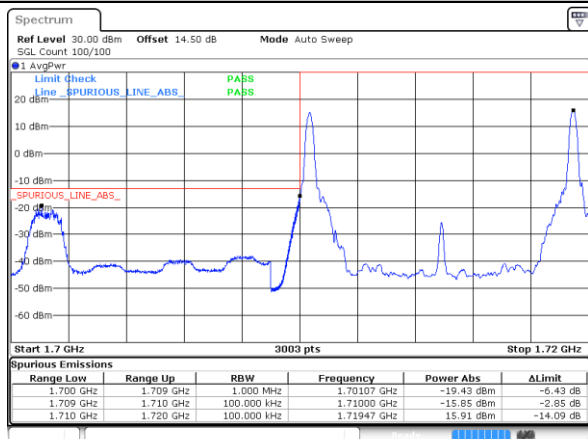


Conducted Band Edge

LTE Band 66B / 5MHz+5MHz

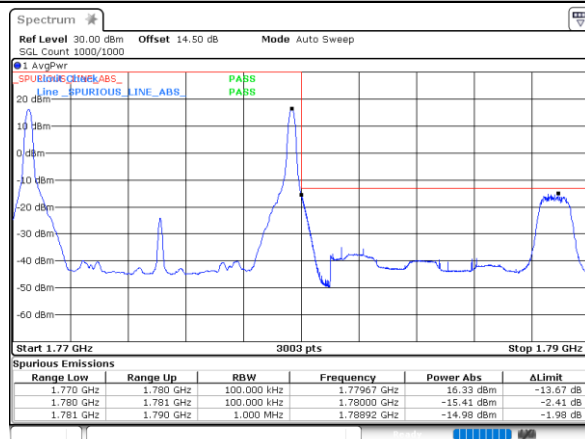
QPSK

Lowest Band Edge / 1RB0 and 1RB24



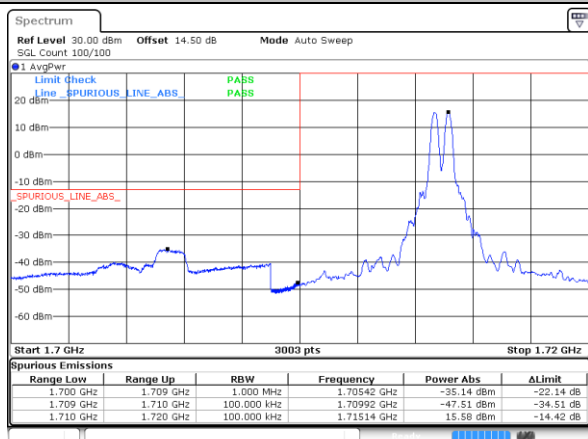
Date: 21 DEC 2022 20:45:33

Highest Band Edge / 1RB0 and 1RB24



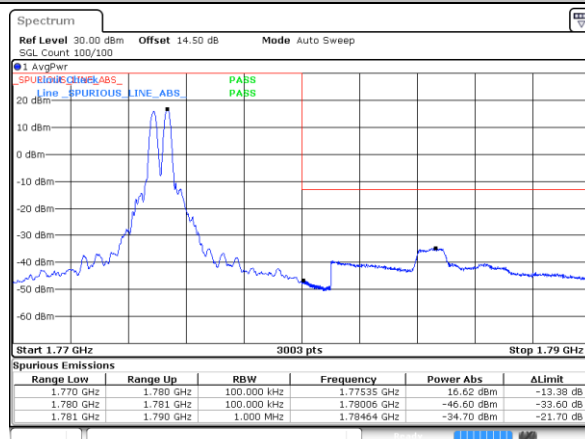
Date: 29 DEC 2022 11:29:26

Lowest Band Edge / 1RB24 and 1RB0



Date: 21 DEC 2022 20:46:39

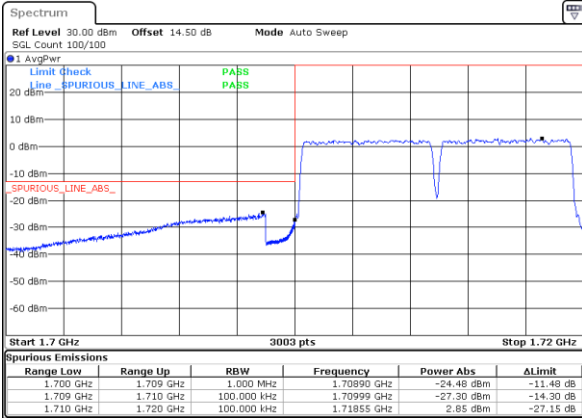
Highest Band Edge / 1RB24 and 1RB0



Date: 21 DEC 2022 21:28:11

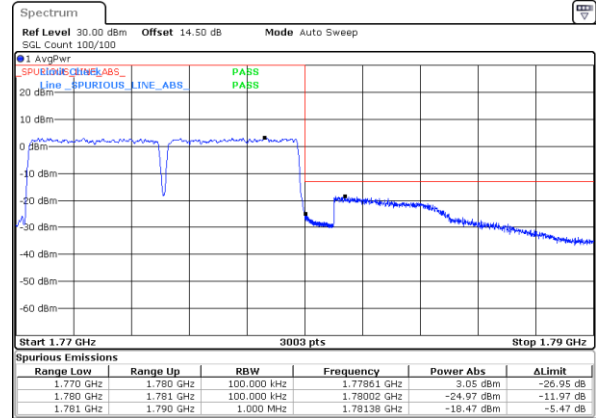


Lowest Band Edge / Full RB



Date: 21 DEC 2022 20:40:12

Highest Band Edge / Full RB



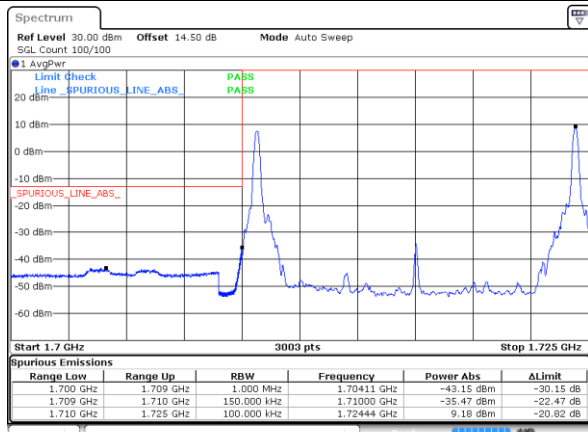
Date: 21 DEC 2022 21:21:46



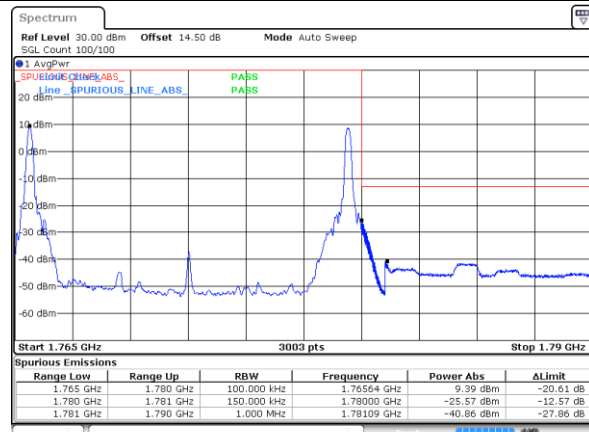
LTE Band 66B / 5MHz+10MHz

QPSK

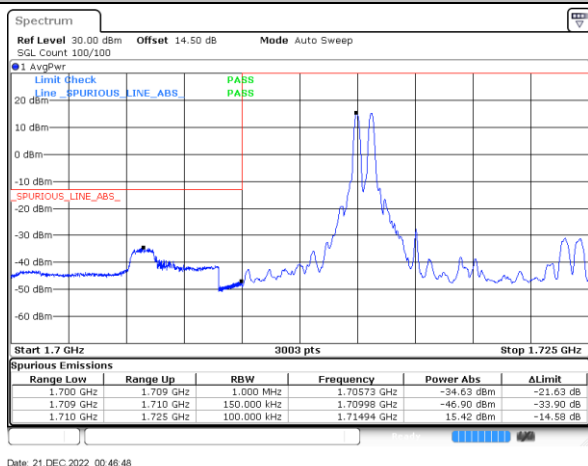
Lowest Band Edge / 1RB0 and 1RB49



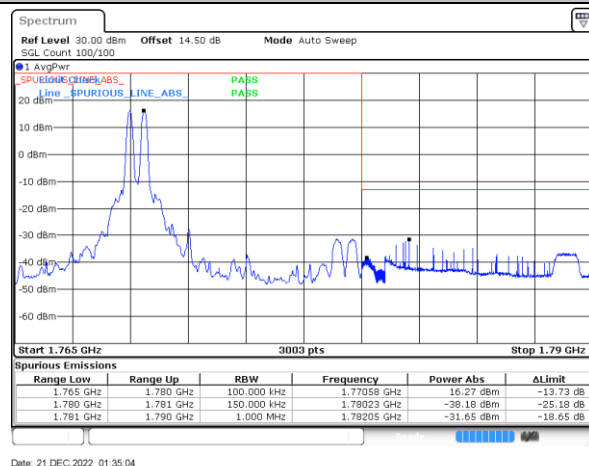
Highest Band Edge / 1RB0 and 1RB49



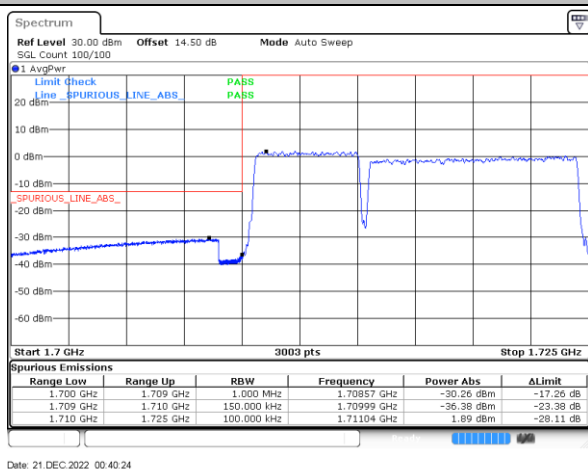
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

