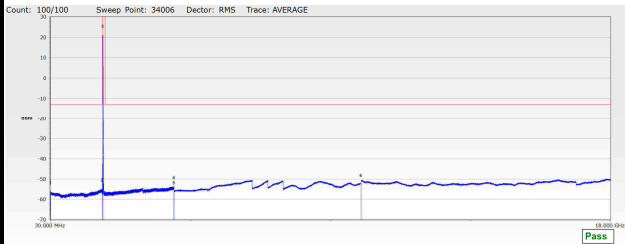
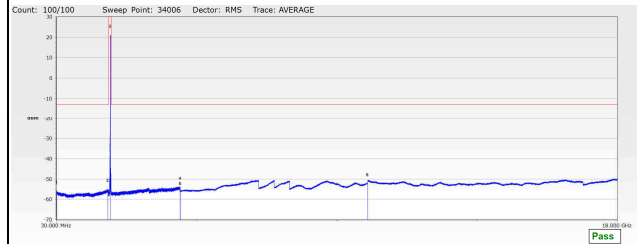


LTE Band 66B / 10MHz+10MHz QPSK Lowest
Channel / 1RBMAX and 1RB0LTE Band 66B / 10MHz+10MHz QPSK Middle
Channel / 1RBMAX and 1RB0

Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	1 MHz	16.70000 GHz	-56.145 dBm	-43.134 dB	-13.000 dBm	5.055 dB	---	---
2	1.000 GHz	1.700 GHz	1 MHz	1 MHz	1.70000 GHz	-54.811 dBm	-41.811 dB	-13.000 dBm	5.055 dB	---	---
3	1.700 GHz	1.725 GHz	1 MHz	1 MHz	1.72000 GHz	-51.055 dBm	-38.055 dB	-10.000 dBm	5.750 dB	---	---
4	1.725 GHz	4.000 GHz	1 MHz	1 MHz	3.89000 GHz	-51.815 dBm	-40.815 dB	-13.000 dBm	7.053 dB	---	---
5	4.000 GHz	18.000 GHz	1 MHz	1 MHz	4.00000 GHz	-54.134 dBm	-41.134 dB	-13.000 dBm	7.053 dB	---	---
6	18.000 GHz	18.000 GHz	1 MHz	1 MHz	18.00000 GHz	-52.608 dBm	-39.608 dB	-13.000 dBm	8.880 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

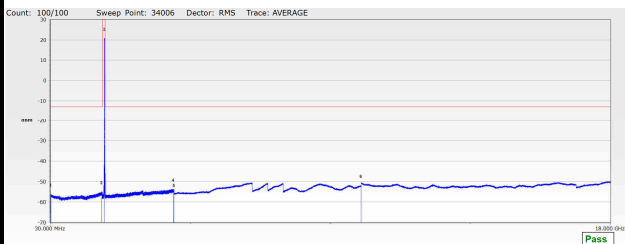
2025-04-17 10:03:30



Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	1 MHz	16.70000 GHz	-56.007 dBm	-43.007 dB	-13.000 dBm	5.055 dB	---	---
2	1.000 GHz	1.700 GHz	1 MHz	1 MHz	1.70000 GHz	-54.562 dBm	-41.562 dB	-13.000 dBm	5.055 dB	---	---
3	1.700 GHz	1.725 GHz	1 MHz	1 MHz	1.72000 GHz	-51.000 dBm	-38.000 dB	-10.000 dBm	5.750 dB	---	---
4	1.725 GHz	4.000 GHz	1 MHz	1 MHz	3.89200 GHz	-53.849 dBm	-40.849 dB	-13.000 dBm	7.053 dB	---	---
5	4.000 GHz	18.000 GHz	1 MHz	1 MHz	4.00000 GHz	-54.104 dBm	-41.104 dB	-13.000 dBm	7.053 dB	---	---
6	18.000 GHz	18.000 GHz	1 MHz	1 MHz	18.00000 GHz	-52.197 dBm	-39.197 dB	-13.000 dBm	8.880 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-17 10:03:48

LTE Band 66B / 10MHz+10MHz QPSK Highest
Channel / 1RBMAX and 1RB0

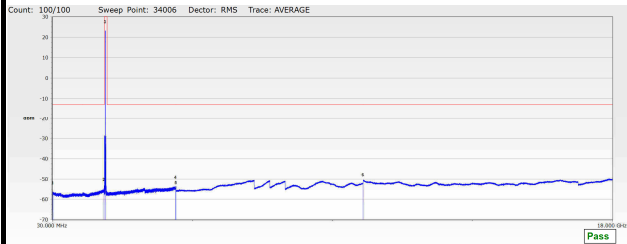
Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30.000 MHz	1.000 GHz	1 MHz	1 MHz	17.46000 GHz	-56.046 dBm	-43.046 dB	-13.000 dBm	5.055 dB	---	---
2	1.000 GHz	1.700 GHz	1 MHz	1 MHz	1.68000 GHz	-54.878 dBm	-41.878 dB	-13.000 dBm	5.055 dB	---	---
3	1.700 GHz	1.725 GHz	1 MHz	1 MHz	1.71000 GHz	-50.875 dBm	-37.875 dB	-10.000 dBm	5.750 dB	---	---
4	1.725 GHz	4.000 GHz	1 MHz	1 MHz	3.97035 GHz	-51.555 dBm	-40.555 dB	-13.000 dBm	7.053 dB	---	---
5	4.000 GHz	18.000 GHz	1 MHz	1 MHz	4.00000 GHz	-54.381 dBm	-41.381 dB	-13.000 dBm	7.053 dB	---	---
6	18.000 GHz	18.000 GHz	1 MHz	1 MHz	18.00000 GHz	-51.786 dBm	-38.786 dB	-13.000 dBm	8.880 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-17 10:03:38



LTE Band 66B / 15MHz+5MHz QPSK Lowest Channel / 1RBMAX and 1RB0

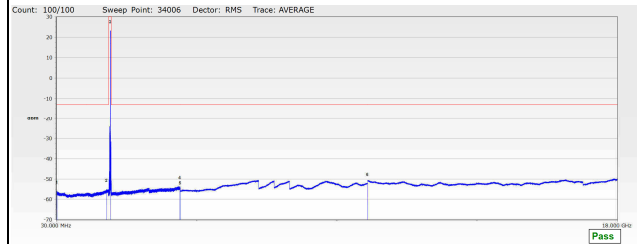


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30,000 MHz	1,000 GHz	1 MHz	1 MHz	46.40000 GHz	-56.387 dBm	-47.787 dB	-13,000 dBm	5.055 dB	---	---
2	1,000 GHz	1,700 GHz	1 MHz	1 MHz	1.68860 GHz	-54.594 dBm	-47.594 dB	-13,000 dBm	5.055 dB	---	---
3	1,700 GHz	1,720 GHz	1 MHz	1 MHz	1.72450 GHz	-53.811 dBm	-47.311 dB	-13,000 dBm	5.750 dB	---	---
4	1,720 GHz	4,000 GHz	1 MHz	1 MHz	3.98051 GHz	-53.533 dBm	-46.533 dB	-13,000 dBm	7.053 dB	---	---
5	4,000 GHz	18,000 GHz	1 MHz	1 MHz	4.00000 GHz	-54.451 dBm	-47.451 dB	-13,000 dBm	7.053 dB	---	---
6	18,000 GHz	18,000 GHz	1 MHz	1 MHz	10.00000 GHz	-52.223 dBm	-39.223 dB	-13,000 dBm	8.880 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-17 09:59:46

LTE Band 66B / 15MHz+5MHz QPSK Middle Channel / 1RBMAX and 1RB0

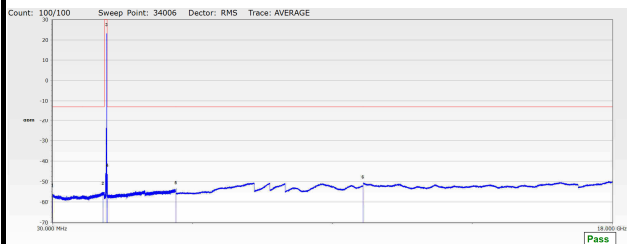


Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30,000 MHz	1,000 GHz	1 MHz	1 MHz	50.79500 MHz	-55.910 dBm	-46.910 dB	-13,000 dBm	5.055 dB	---	---
2	1,000 GHz	1,700 GHz	1 MHz	1 MHz	1.63270 GHz	-55.045 dBm	-46.045 dB	-13,000 dBm	5.055 dB	---	---
3	1,700 GHz	1,720 GHz	1 MHz	1 MHz	1.72985 GHz	-52.170 dBm	-43.170 dB	-13,000 dBm	5.750 dB	---	---
4	1,720 GHz	4,000 GHz	1 MHz	1 MHz	3.98032 GHz	-53.556 dBm	-46.556 dB	-13,000 dBm	7.053 dB	---	---
5	4,000 GHz	18,000 GHz	1 MHz	1 MHz	4.00000 GHz	-54.551 dBm	-47.551 dB	-13,000 dBm	7.053 dB	---	---
6	18,000 GHz	18,000 GHz	1 MHz	1 MHz	10.00000 GHz	-52.017 dBm	-39.017 dB	-13,000 dBm	8.880 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-17 10:00:23

LTE Band 66B / 15MHz+5MHz QPSK Highest Channel / 1RBMAX and 1RB0



Item	Range Low	Range Up	RBW	VBW	Frequency	Power Abs	Limit	Limit	Path Loss Factor	DCC	APS
1	30,000 MHz	1,000 GHz	1 MHz	1 MHz	17.00000 MHz	-56.031 dBm	-47.031 dB	-13,000 dBm	5.055 dB	---	---
2	1,000 GHz	1,700 GHz	1 MHz	1 MHz	1.65863 GHz	-55.101 dBm	-46.101 dB	-13,000 dBm	5.055 dB	---	---
3	1,700 GHz	1,720 GHz	1 MHz	1 MHz	1.71665 GHz	-53.170 dBm	-44.170 dB	-13,000 dBm	5.750 dB	---	---
4	1,720 GHz	4,000 GHz	1 MHz	1 MHz	3.73270 GHz	-46.410 dBm	-37.410 dB	-13,000 dBm	7.053 dB	---	---
5	4,000 GHz	18,000 GHz	1 MHz	1 MHz	4.00000 GHz	-54.036 dBm	-47.036 dB	-13,000 dBm	7.053 dB	---	---
6	18,000 GHz	18,000 GHz	1 MHz	1 MHz	10.00000 GHz	-52.109 dBm	-39.109 dB	-13,000 dBm	8.880 dB	---	---

Note: DCC = Duty Cycle Correction / APS = Antenna Port Summation
Ver 1.1(20241209)

2025-04-17 10:00:15

**Frequency Stability**

Test Conditions		LTE Band 66B (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10+10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0036	
0	Normal Voltage	0.0028	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0042	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0027	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 66C

26dB Bandwidth

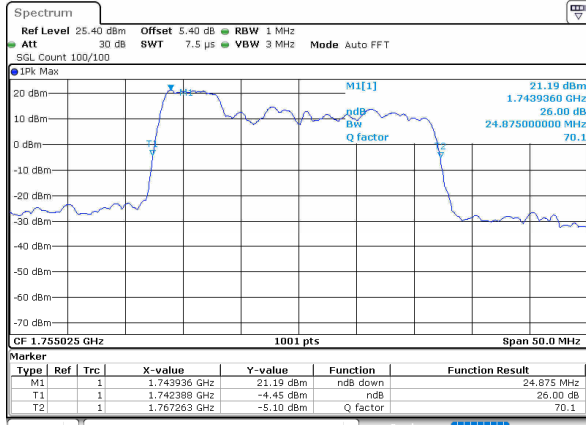
Mode	LTE Band 66C : 26dB BW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	24.88	24.83
BW	10MHz+15MHz	10MHz+15MHz
Middle CH	25.33	25.33
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	30.15	30.03
BW	15MHz+10MHz	15MHz+10MHz
Middle CH	25.38	25.33
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	30.75	30.81
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	35.18	35.04
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	25.03	25.03
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	30.09	30.15
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	35.25	35.25
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	40.2	40.04



LTE Band 66C

QPSK

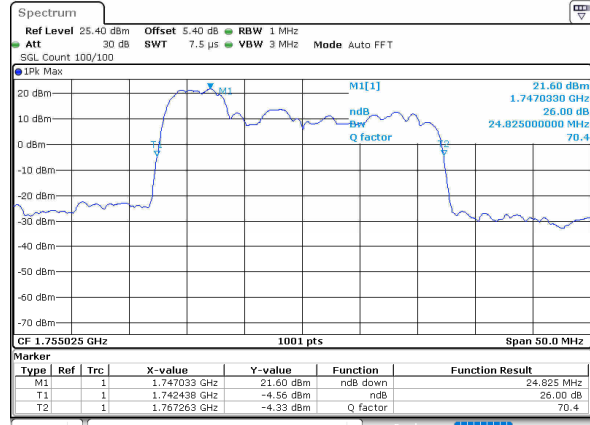
Middle Channel / 5MHz+20MHz



Date: 28.NOV.2024 02:29:52

16QAM

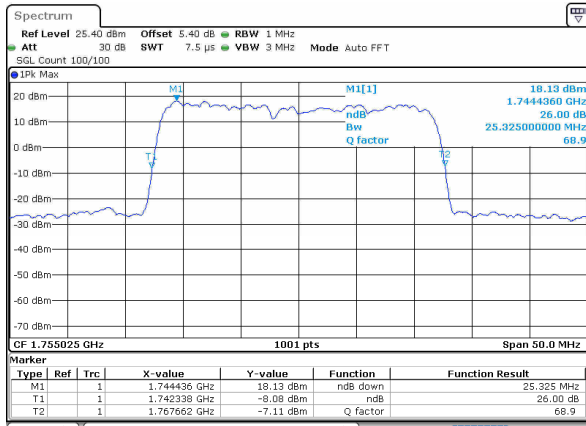
Middle Channel / 5MHz+20MHz



Date: 28.NOV.2024 02:30:21

QPSK

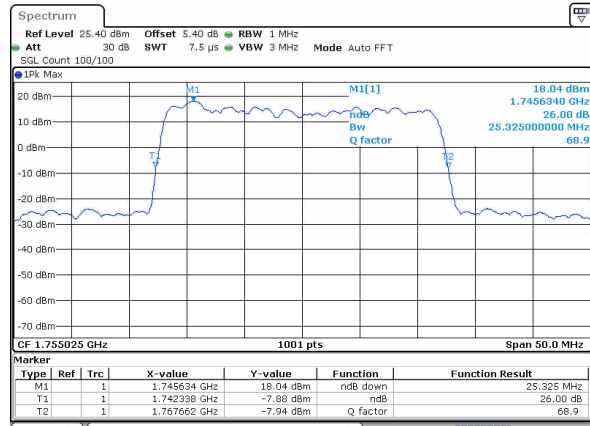
Middle Channel / 10MHz+15MHz



Date: 28.NOV.2024 05:13:25

16QAM

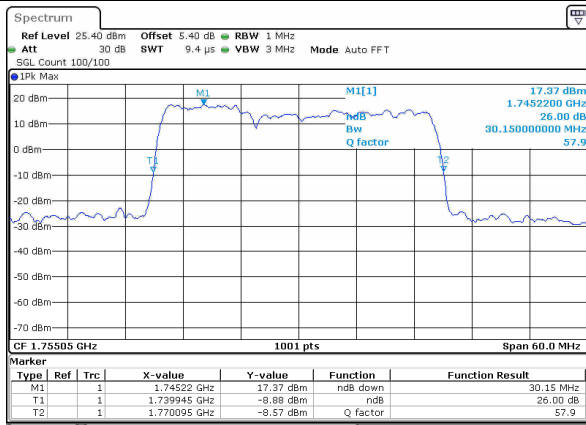
Middle Channel / 10MHz+15MHz



Date: 28.NOV.2024 05:13:56

QPSK

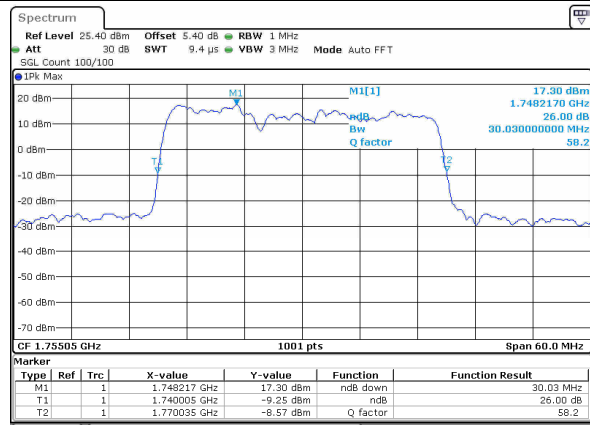
Middle Channel / 10MHz+20MHz



Date: 28.NOV.2024 05:58:43

16QAM

Middle Channel / 10MHz+20MHz



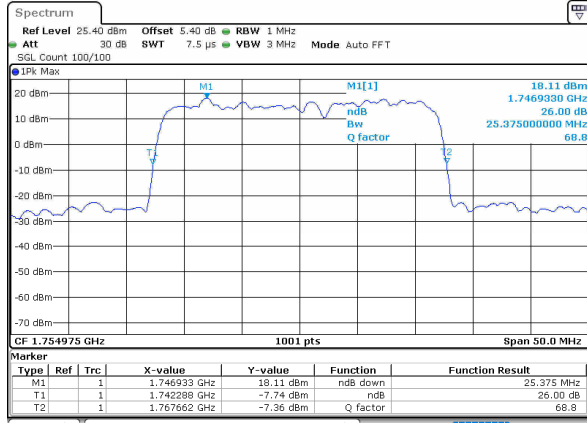
Date: 28.NOV.2024 05:59:14



LTE Band 66C

QPSK

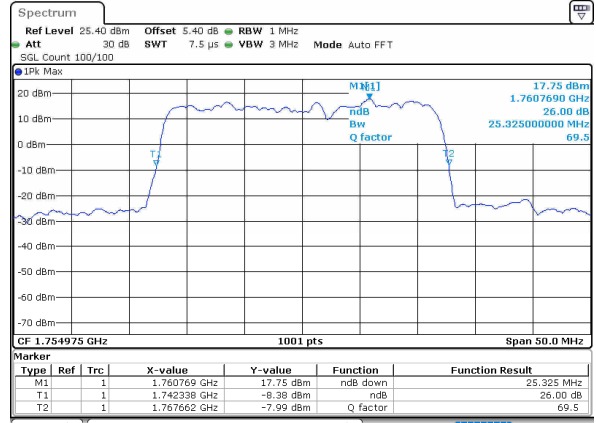
Middle Channel / 15MHz+10MHz



Date: 28.NOV.2024 05:35:18

16QAM

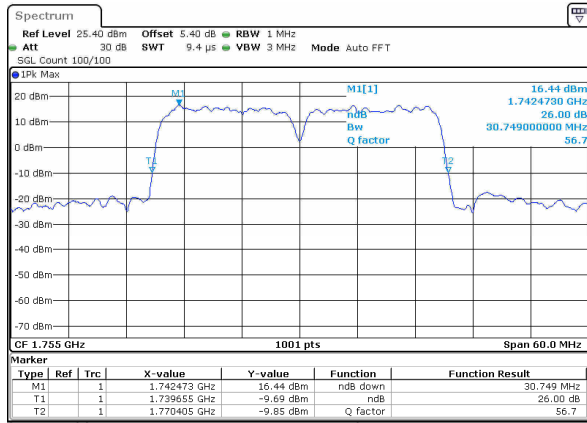
Middle Channel / 15MHz+10MHz



Date: 28.NOV.2024 05:35:48

QPSK

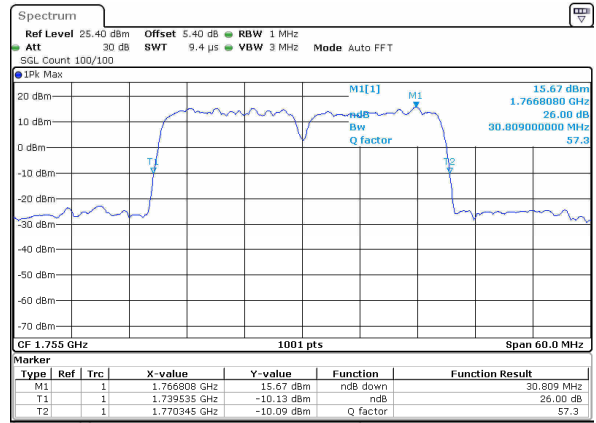
Middle Channel / 15MHz+15MHz



Date: 28.NOV.2024 06:42:00

16QAM

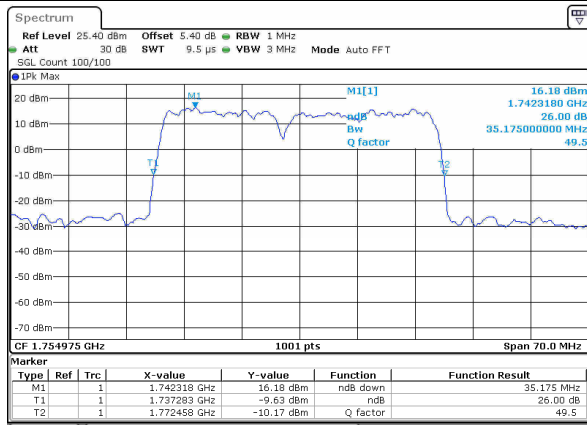
Middle Channel / 15MHz+15MHz



Date: 28.NOV.2024 06:42:29

QPSK

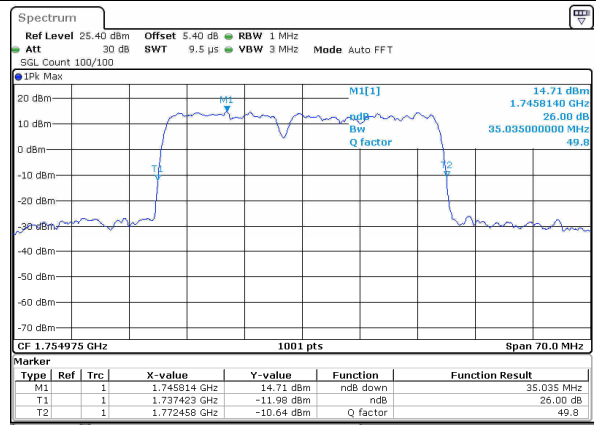
Middle Channel / 15MHz+20MHz



Date: 28.NOV.2024 07:05:11

16QAM

Middle Channel / 15MHz+20MHz



Date: 28.NOV.2024 07:06:11



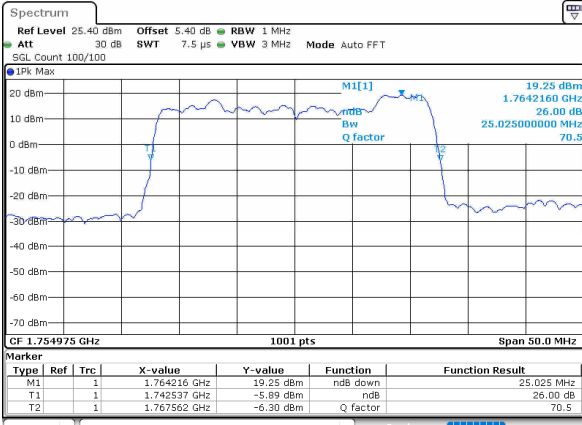
LTE Band 66C

QPSK

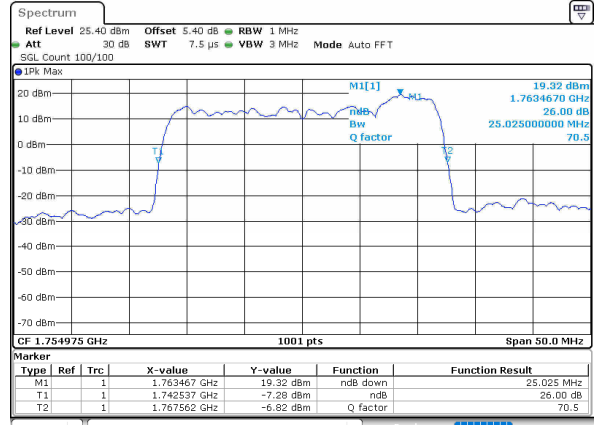
16QAM

Middle Channel / 20MHz+5MHz

Middle Channel / 20MHz+5MHz



Date: 28.NOV.2024 08:17:21



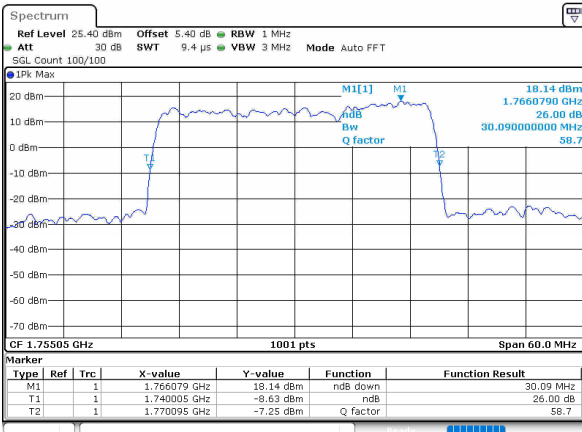
Date: 28.NOV.2024 08:18:52

QPSK

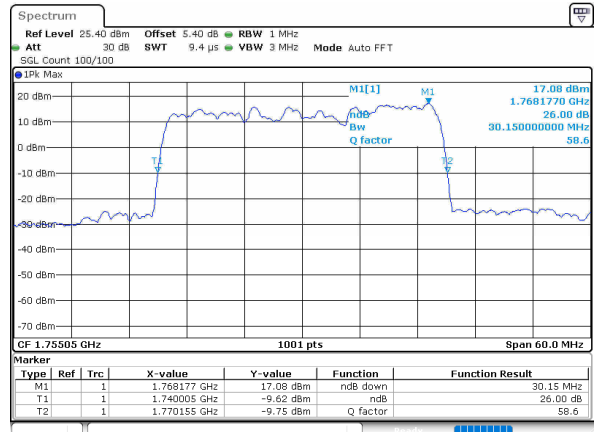
16QAM

Middle Channel / 20MHz+10MHz

Middle Channel / 20MHz+10MHz



Date: 28.NOV.2024 06:21:52



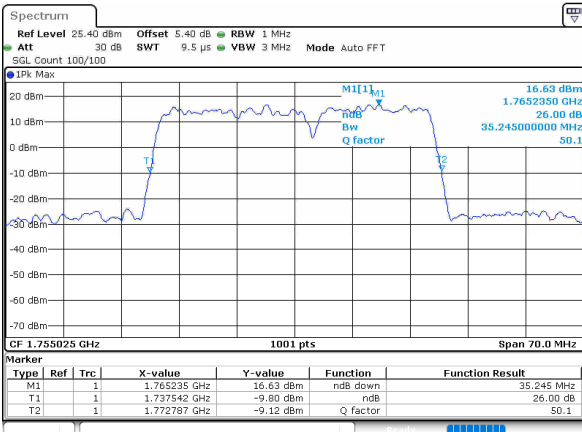
Date: 28.NOV.2024 06:22:22

QPSK

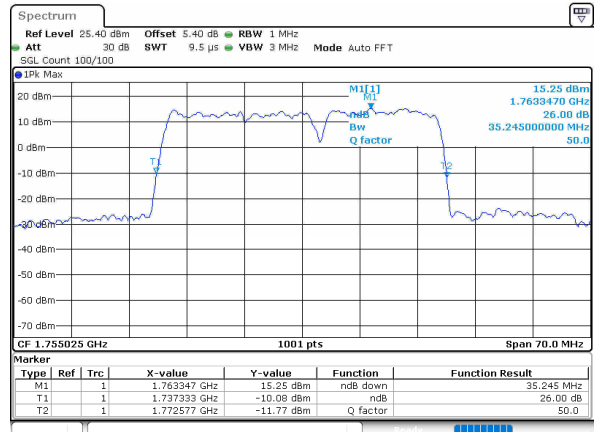
16QAM

Middle Channel / 20MHz+15MHz

Middle Channel / 20MHz+15MHz



Date: 28.NOV.2024 07:26:50



Date: 28.NOV.2024 07:27:21



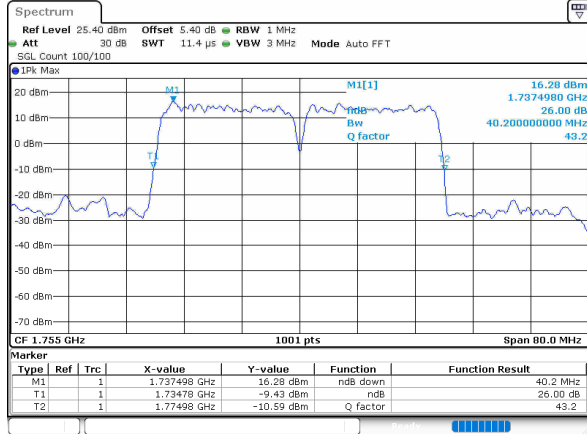
LTE Band 66C

QPSK

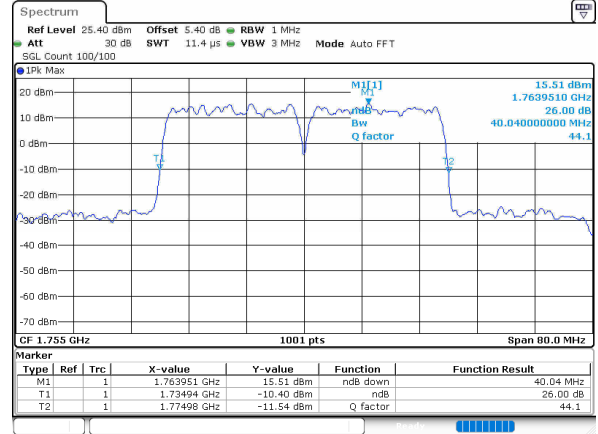
16QAM

Middle Channel / 20MHz+20MHz

Middle Channel / 20MHz+20MHz



Date: 28.NOV.2024 08:39:57



Date: 28.NOV.2024 08:40:26

**Occupied Bandwidth**

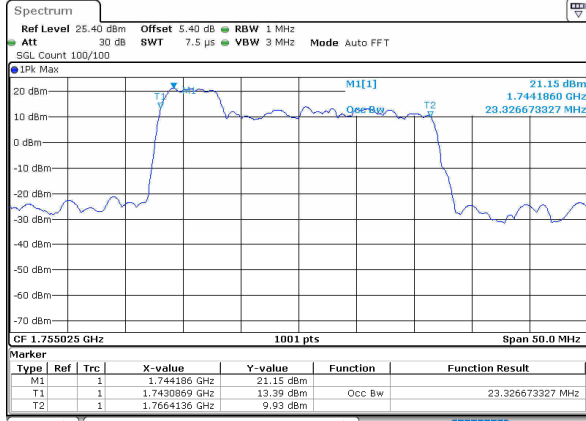
Mode	LTE Band 66C : 99%OBW(MHz)	
Mod.	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	23.33	22.98
BW	10MHz+15MHz	10MHz+15MHz
Middle CH	23.43	23.38
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	28.23	28.17
BW	15MHz+10MHz	15MHz+10MHz
Middle CH	23.53	23.43
BW	15MHz+15MHz	15MHz+15MHz
Middle CH	28.59	28.65
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	33.08	32.94
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	23.53	23.08
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	28.11	28.11
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	32.94	32.73
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.80	37.72



LTE Band 66C

QPSK

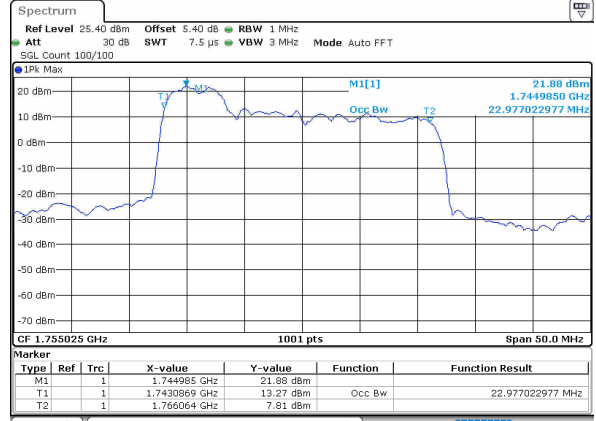
Middle Channel / 5MHz+20MHz



Date: 28.NOV.2024 02:29:24

16QAM

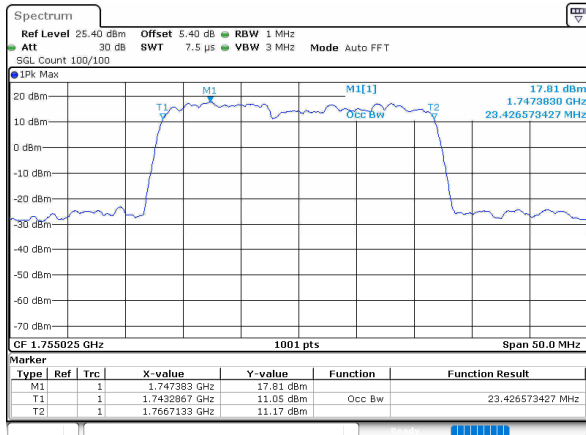
Middle Channel / 5MHz+20MHz



Date: 28.NOV.2024 02:30:49

QPSK

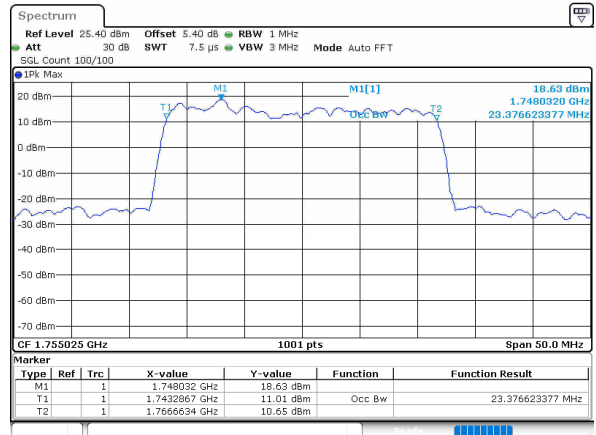
Middle Channel / 10MHz+15MHz



Date: 28.NOV.2024 05:12:55

16QAM

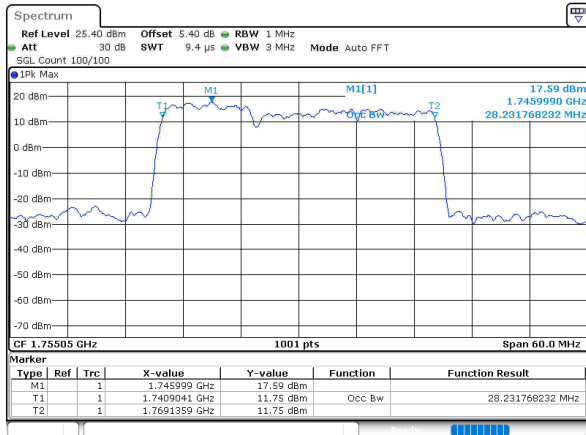
Middle Channel / 10MHz+15MHz



Date: 28.NOV.2024 05:14:26

QPSK

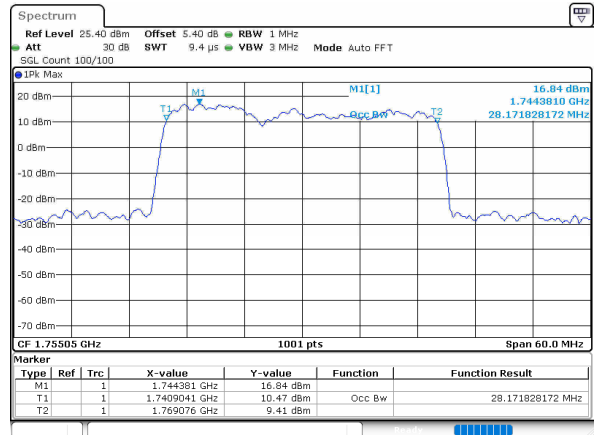
Middle Channel / 10MHz+20MHz



Date: 28.NOV.2024 06:00:14

16QAM

Middle Channel / 10MHz+20MHz



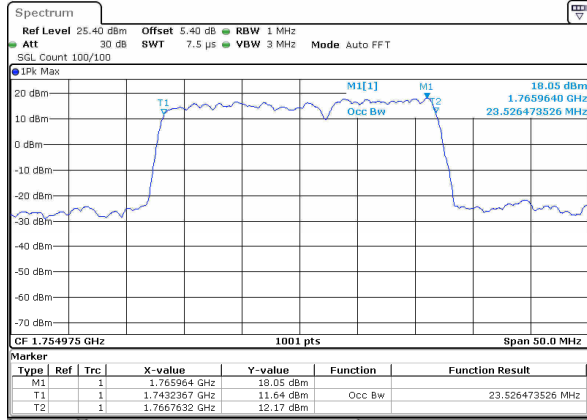
Date: 28.NOV.2024 05:59:44



LTE Band 66C

QPSK

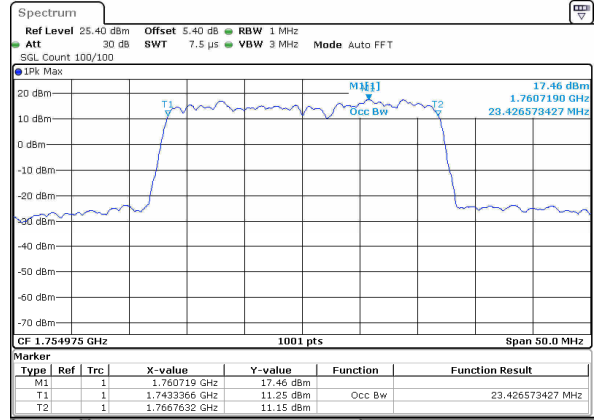
Middle Channel / 15MHz+10MHz



Date: 28.NOV.2024 05:34:40

16QAM

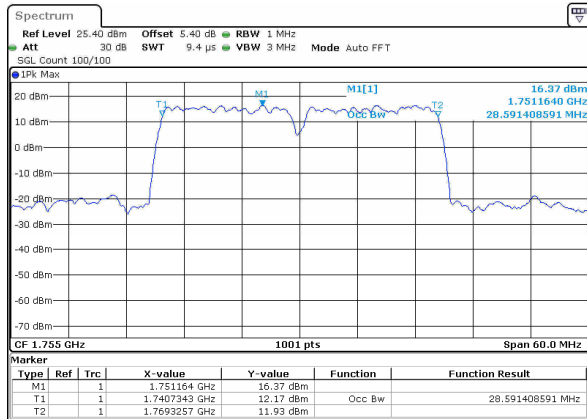
Middle Channel / 15MHz+10MHz



Date: 28.NOV.2024 05:36:18

QPSK

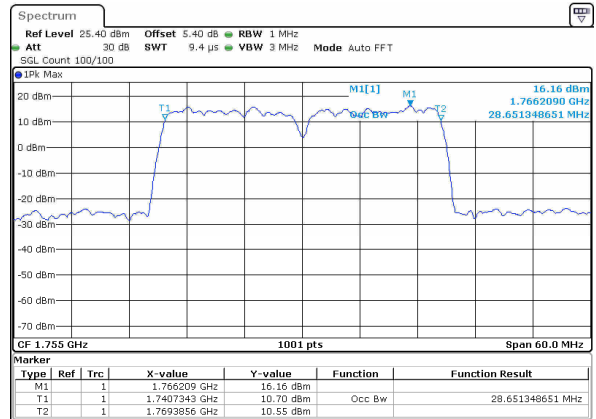
Middle Channel / 15MHz+15MHz



Date: 28.NOV.2024 06:43:26

16QAM

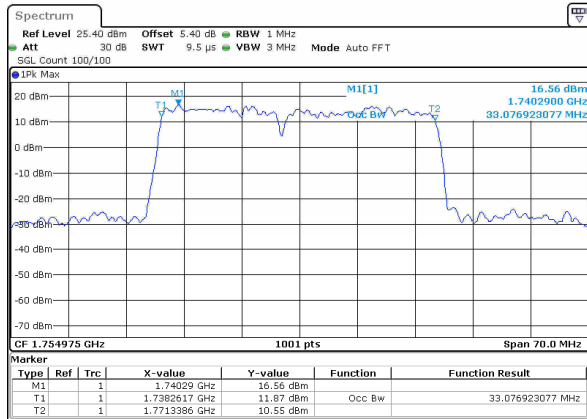
Middle Channel / 15MHz+15MHz



Date: 28.NOV.2024 06:42:57

QPSK

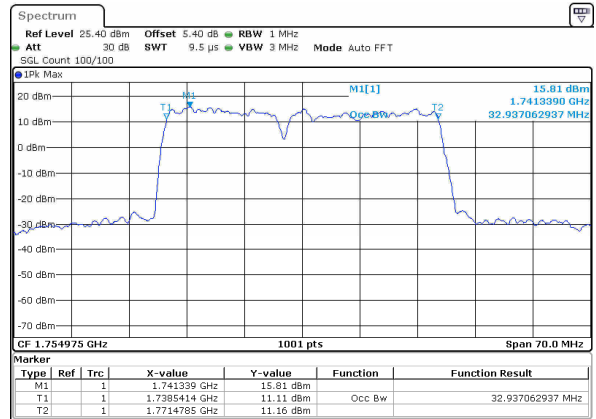
Middle Channel / 15MHz+20MHz



Date: 28.NOV.2024 07:05:41

16QAM

Middle Channel / 15MHz+20MHz



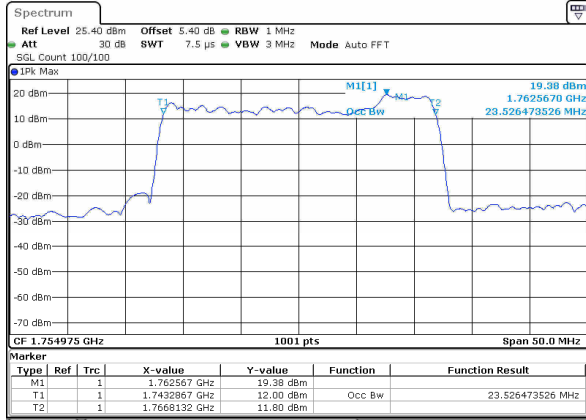
Date: 28.NOV.2024 07:06:11



LTE Band 66C

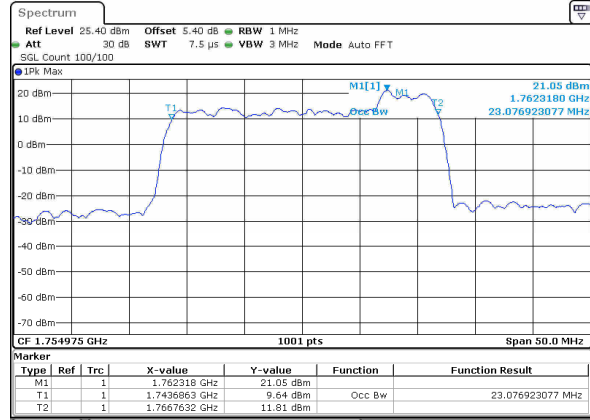
QPSK

Middle Channel / 20MHz+5MHz



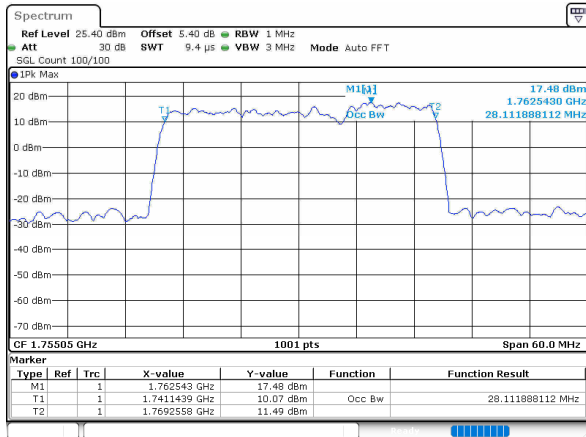
16QAM

Middle Channel / 20MHz+5MHz



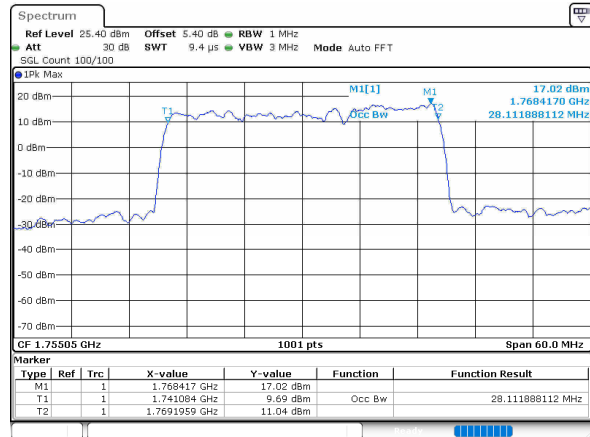
QPSK

Middle Channel / 20MHz+10MHz



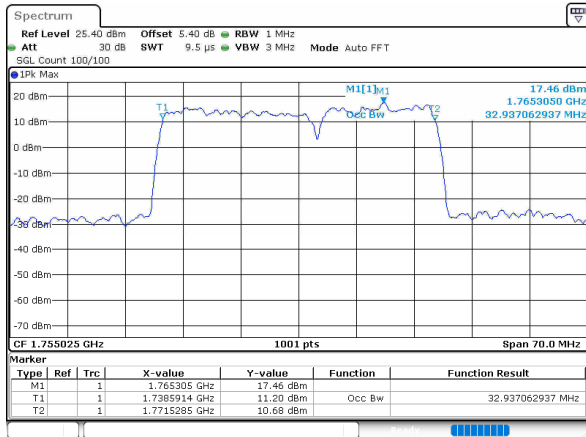
16QAM

Middle Channel / 20MHz+10MHz



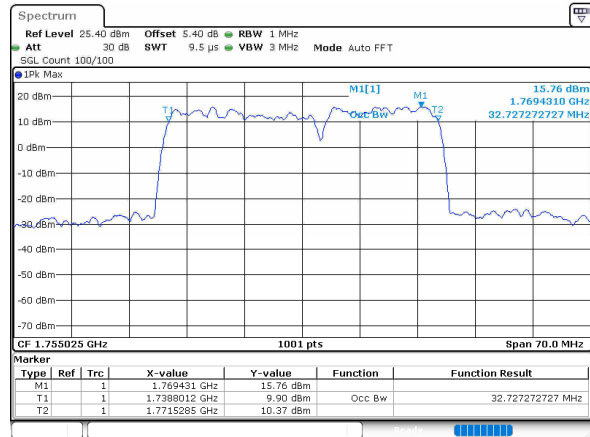
QPSK

Middle Channel / 20MHz+15MHz



16QAM

Middle Channel / 20MHz+15MHz





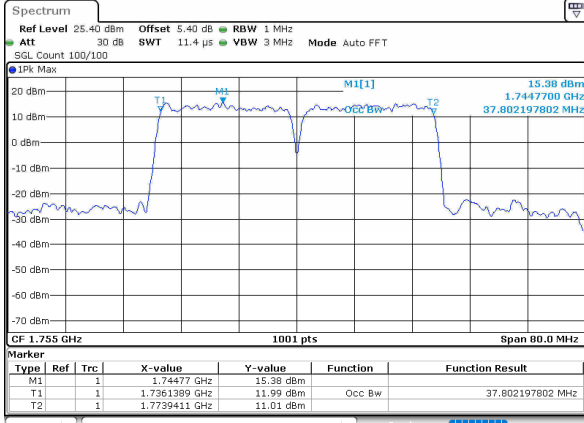
LTE Band 66C

QPSK

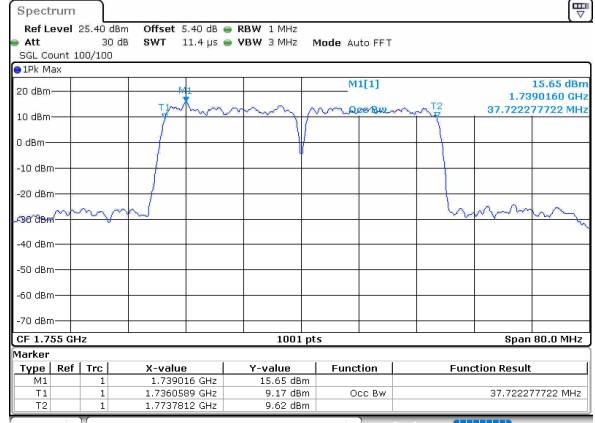
16QAM

Middle Channel / 20MHz+20MHz

Middle Channel / 20MHz+20MHz



Date: 28.NOV.2024 08:39:29



Date: 28.NOV.2024 08:40:54

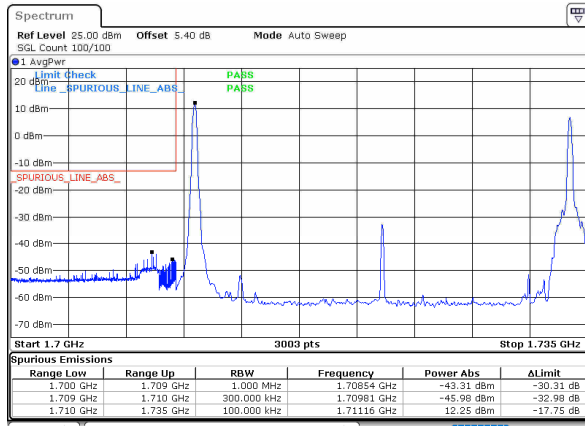


Conducted Band Edge

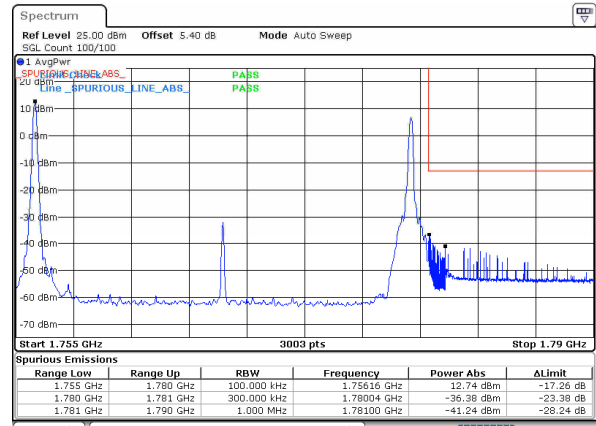
LTE Band 66C / 5MHz+20MHz

QPSK

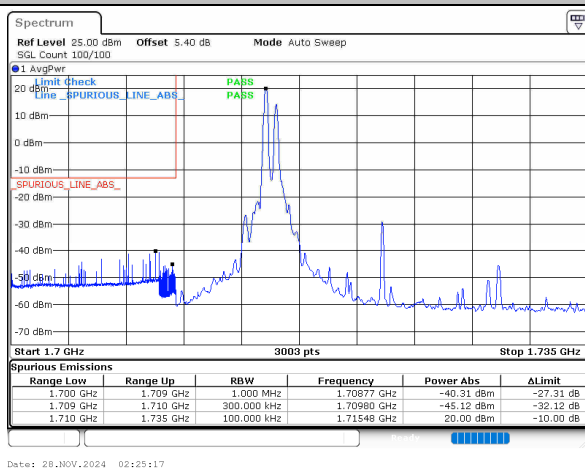
Lowest Band Edge / 1RB0 and 1RB99



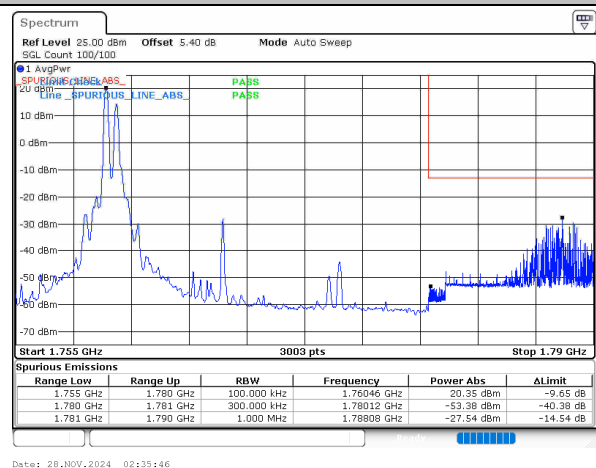
Highest Band Edge / 1RB0 and 1RB99



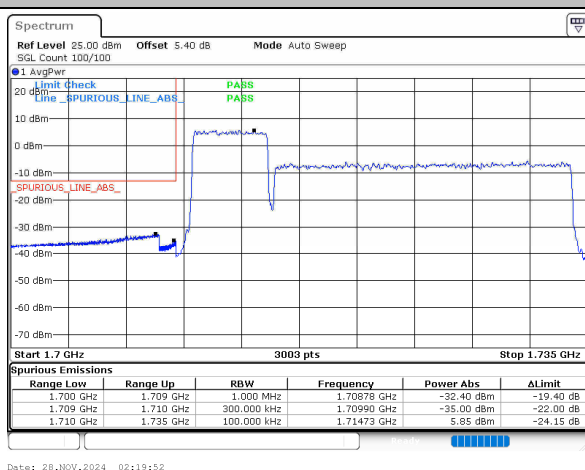
Lowest Band Edge / 1RB24 and 1RB0



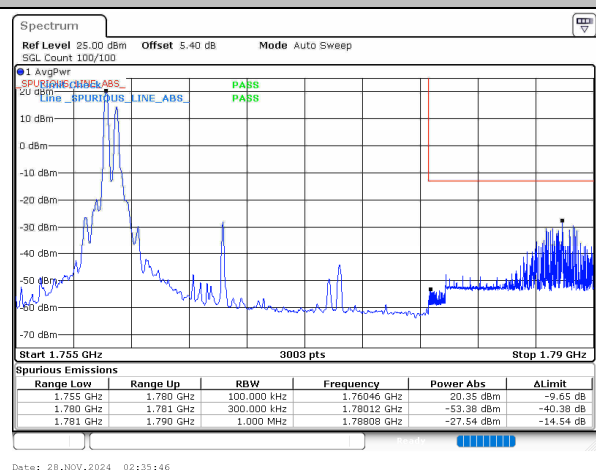
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

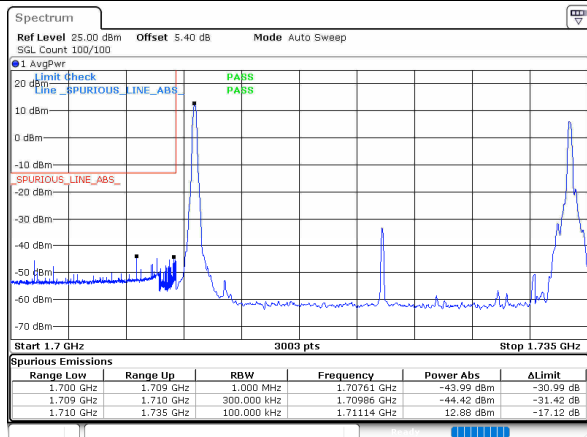




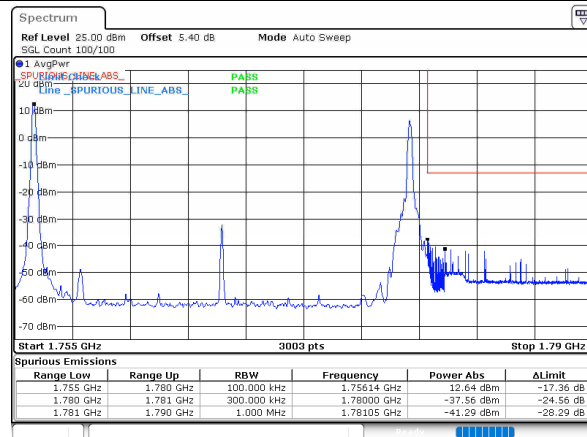
LTE Band 66C / 5MHz+20MHz

16QAM

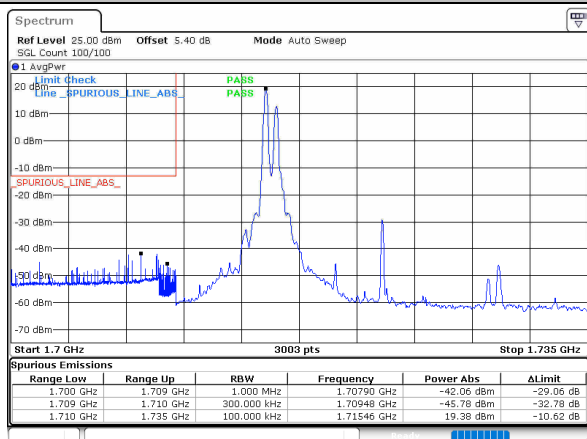
Lowest Band Edge / 1RB0 and 1RB99



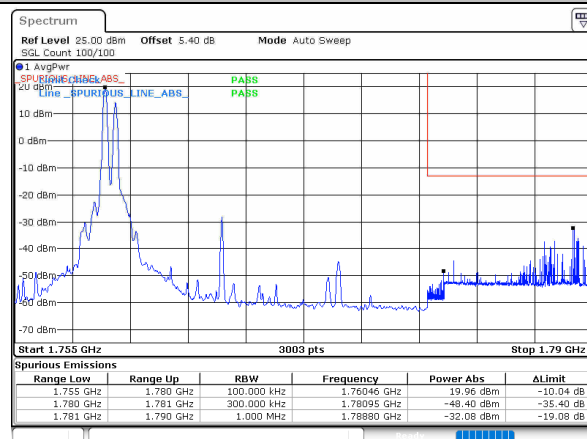
Highest Band Edge / 1RB0 and 1RB99



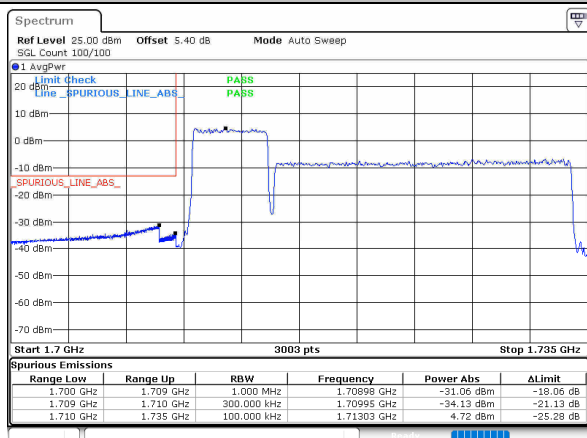
Lowest Band Edge / 1RB24 and 1RB0



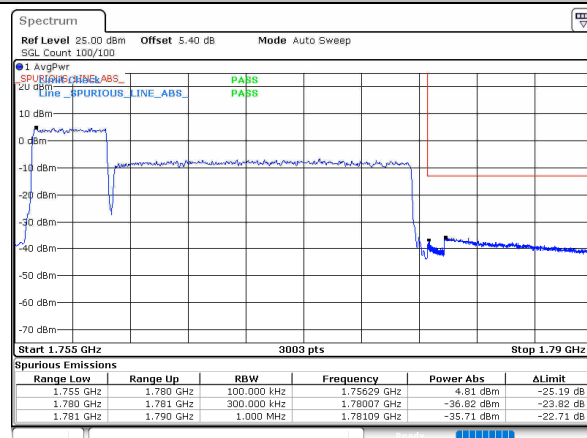
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

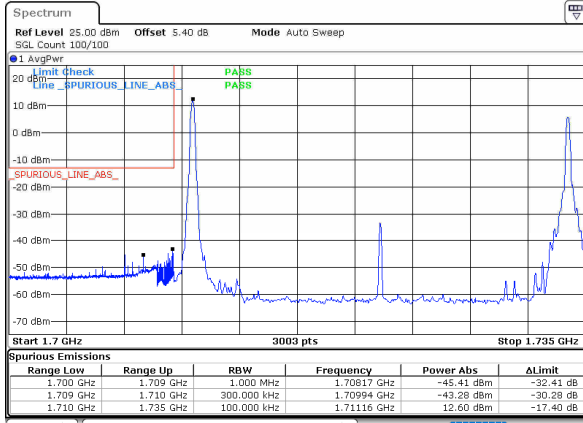




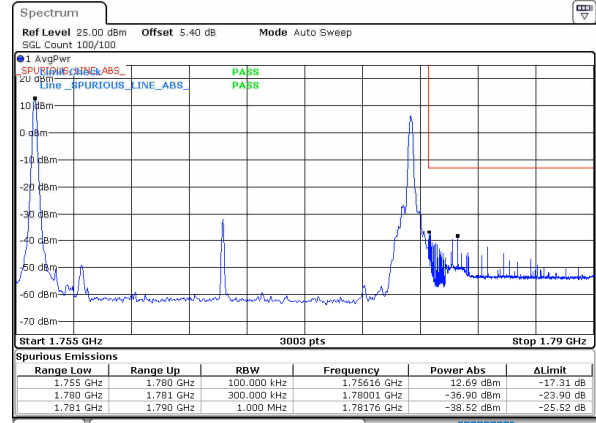
LTE Band 66C / 5MHz+20MHz

64QAM

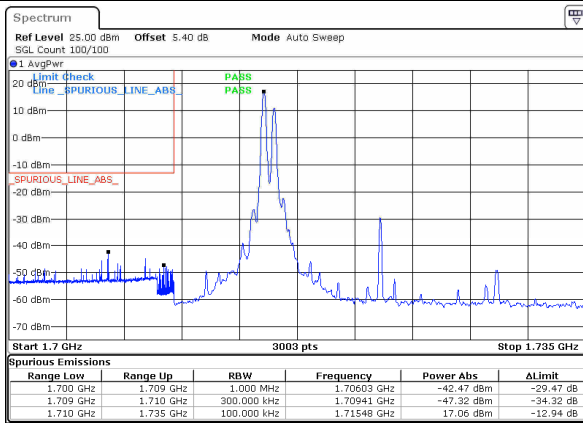
Lowest Band Edge / 1RB0 and 1RB99



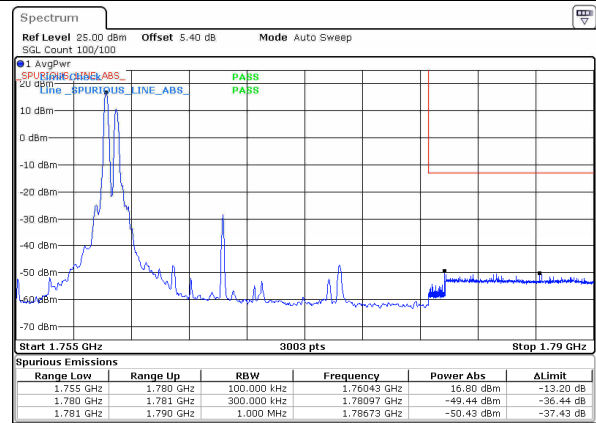
Highest Band Edge / 1RB0 and 1RB99



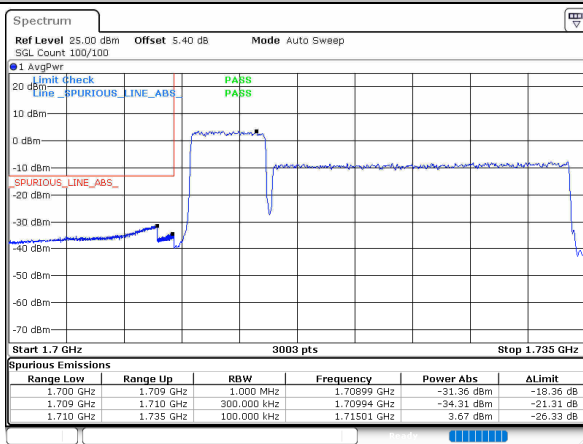
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

