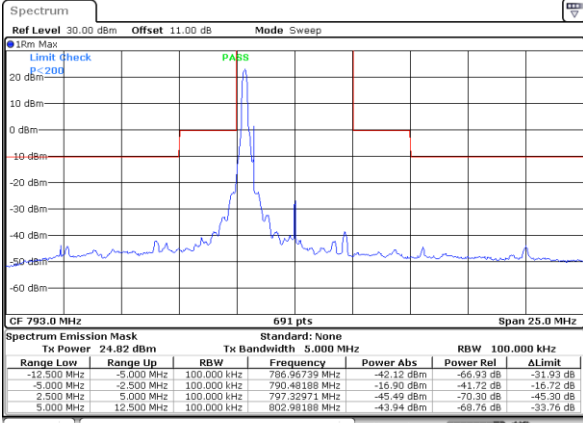


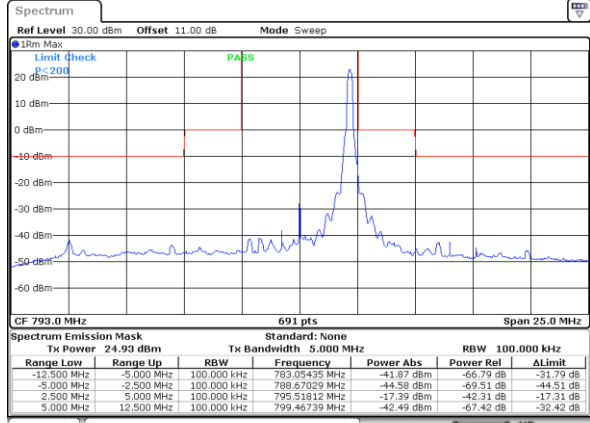


LTE Band 14 / 5MHz / QPSK

Middle Channel / 1RB

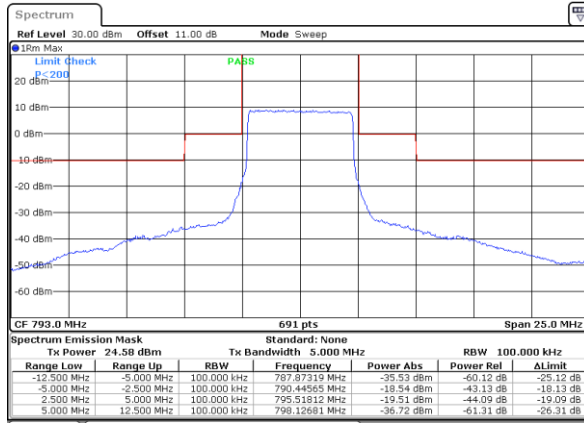


Date: 20.MAR.2023 15:08:35



Date: 20.MAR.2023 15:09:29

Middle Channel / Full RB

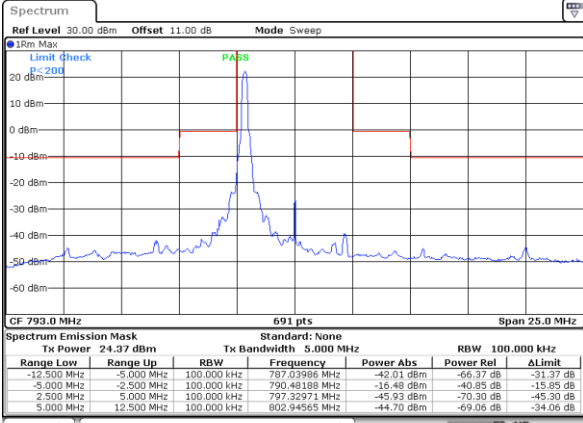


Date: 20.MAR.2023 15:10:23

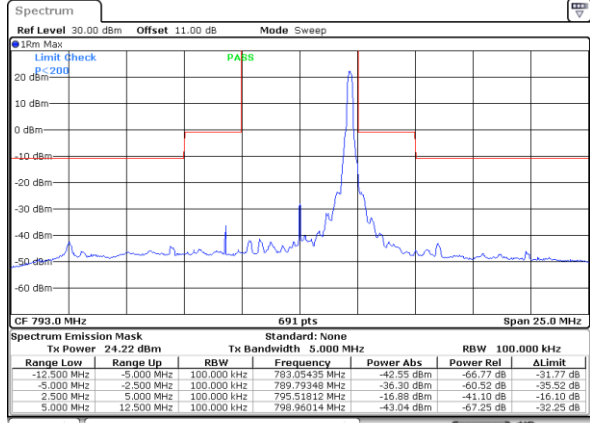


LTE Band 14 / 5MHz / 16QAM

Middle Channel / 1RB

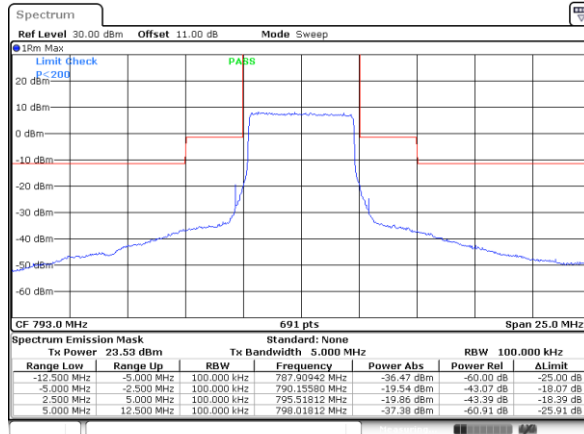


Date: 20.MAR.2023 15:13:05



Date: 20.MAR.2023 15:12:11

Middle Channel / Full RB

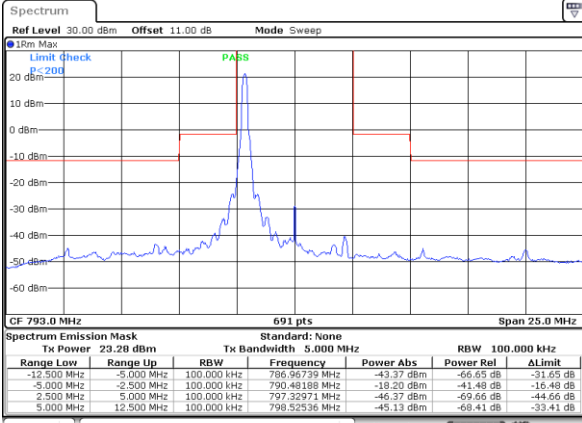


Date: 20.MAR.2023 15:11:17

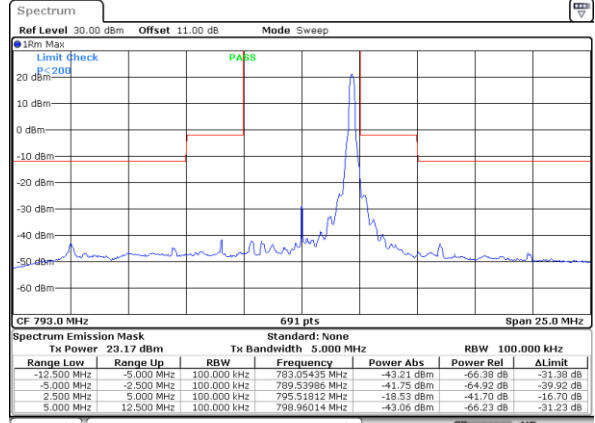


LTE Band 14 / 5MHz / 64QAM

Middle Channel / 1RB

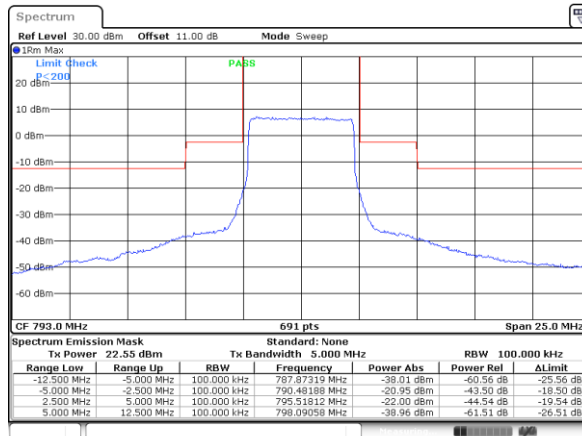


Date: 20.MAR.2023 15:13:58



Date: 20.MAR.2023 15:14:52

Middle Channel / Full RB

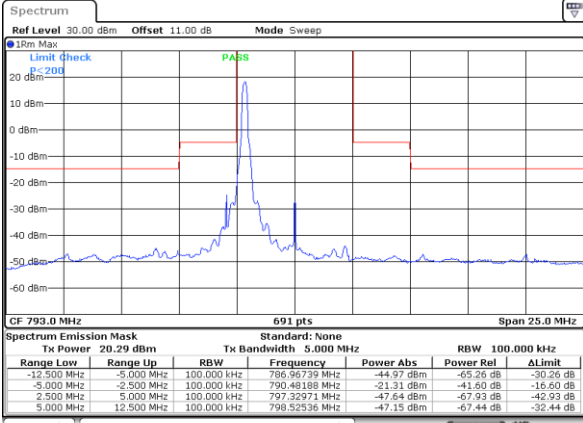


Date: 20.MAR.2023 15:15:46

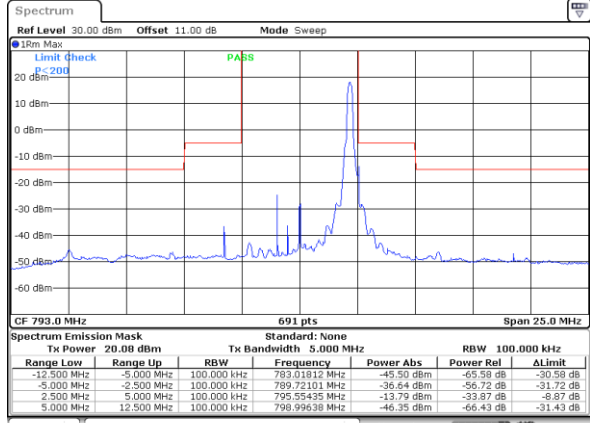


LTE Band 14 / 5MHz / 256QAM

Middle Channel / 1RB

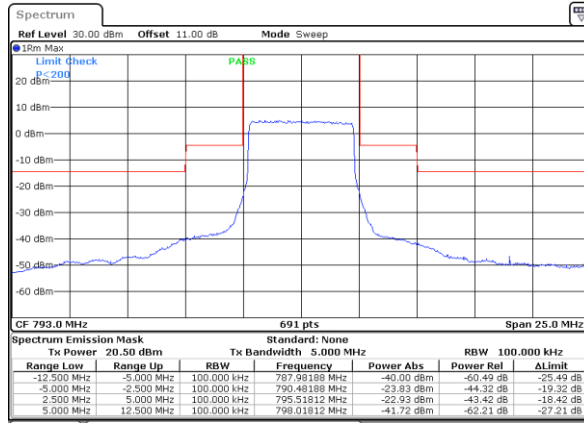


Date: 20.MAR.2023 15:18:20



Date: 20.MAR.2023 15:17:34

Middle Channel / Full RB

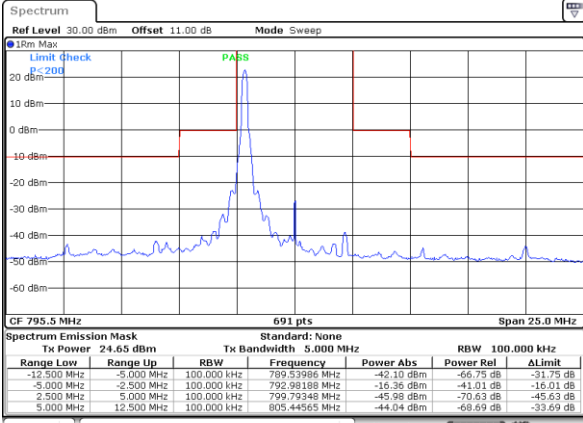


Date: 20.MAR.2023 15:16:40

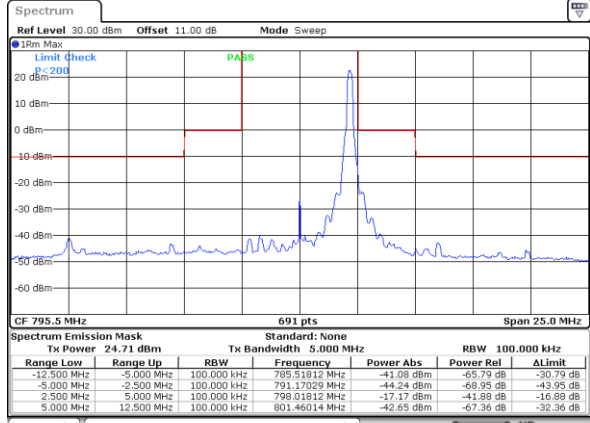


LTE Band 14 / 5MHz / QPSK

Highest Channel / 1RB

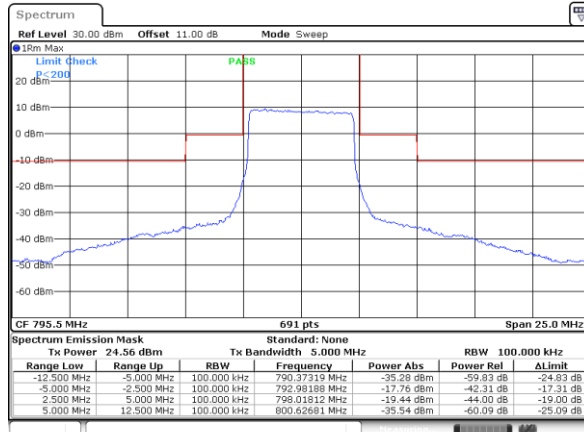


Date: 20.MAR.2023 15:31:56



Date: 20.MAR.2023 15:32:51

Highest Channel / Full RB

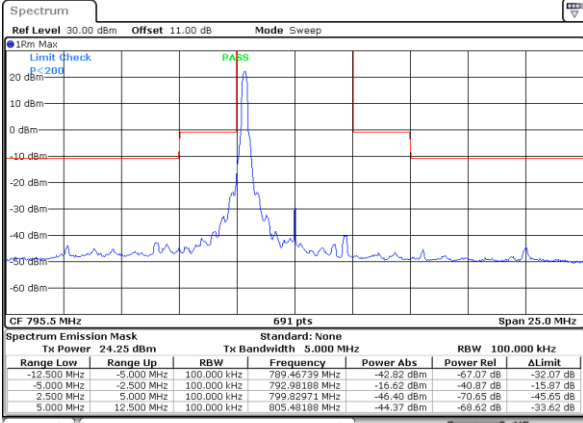


Date: 20.MAR.2023 15:33:45

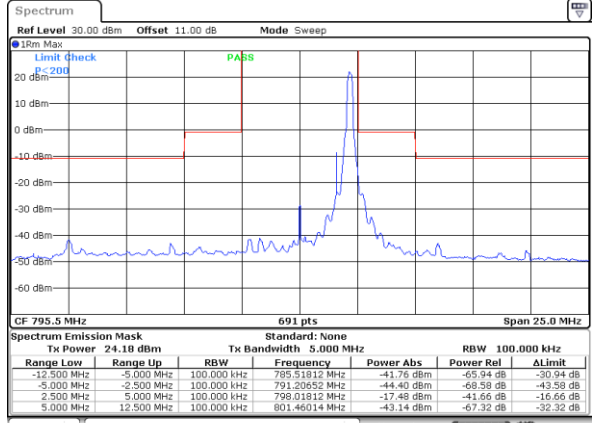


LTE Band 14 / 5MHz / 16QAM

Highest Channel / 1RB

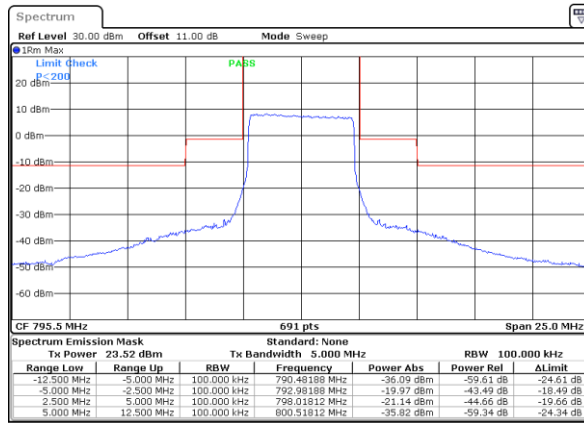


Date: 20.MAR.2023 15:36:29



Date: 20.MAR.2023 16:40:11

Highest Channel / Full RB

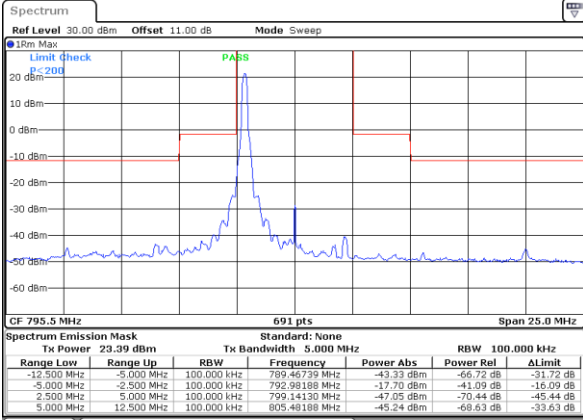


Date: 20.MAR.2023 15:34:40

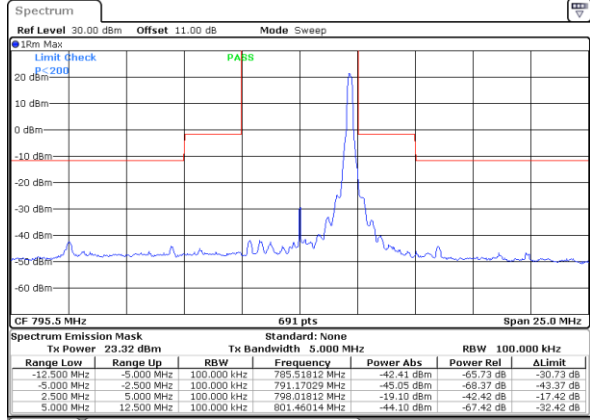


LTE Band 14 / 5MHz / 64QAM

Highest Channel / 1RB

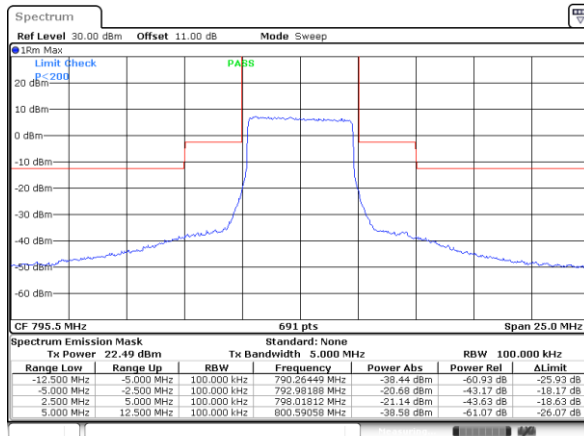


Date: 20.MAR.2023 15:37:23



Date: 20.MAR.2023 15:38:18

Highest Channel / Full RB

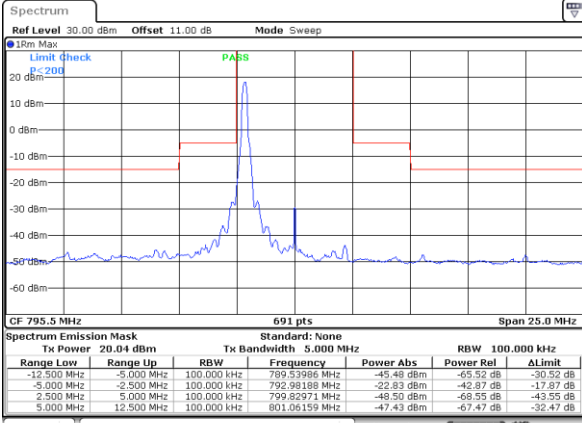


Date: 20.MAR.2023 15:39:12

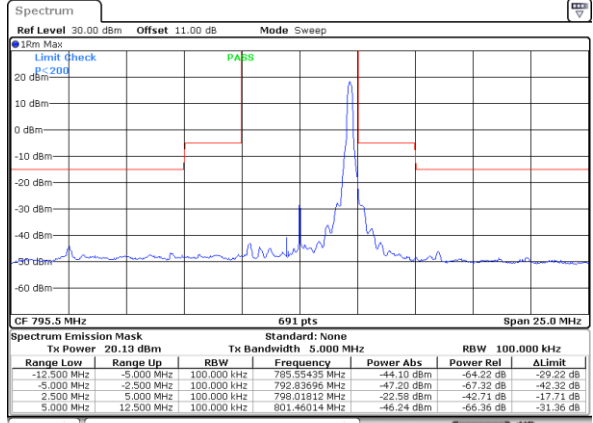


LTE Band 14 / 5MHz / 256QAM

Highest Channel / 1RB

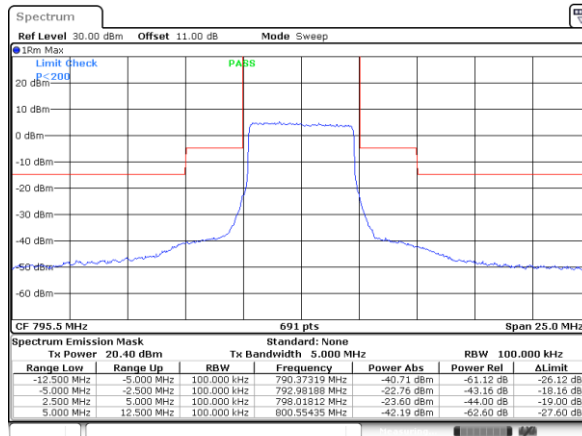


Date: 20.MAR.2023 15:41:56

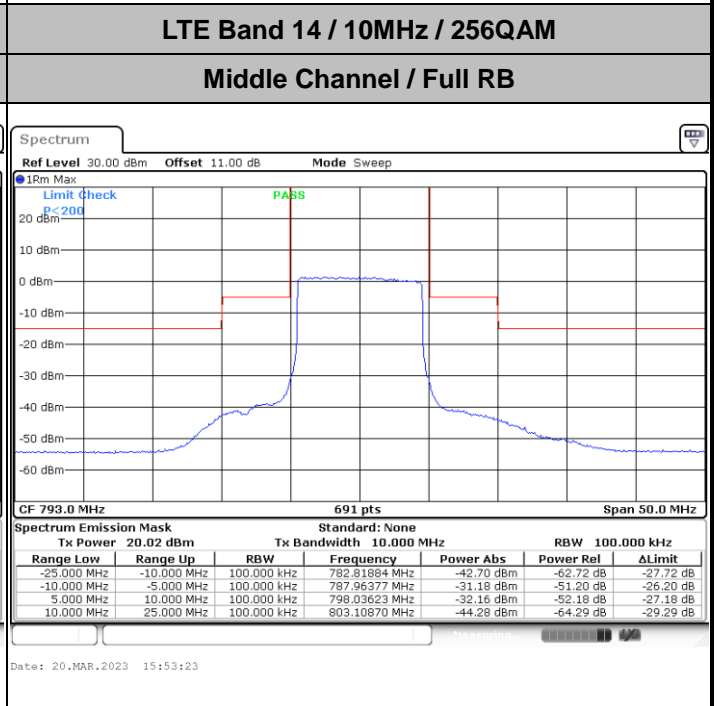
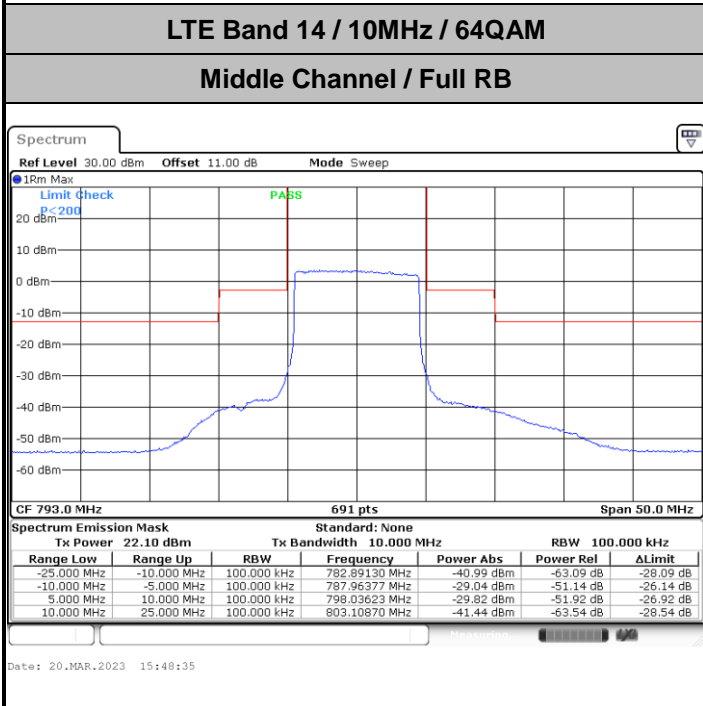
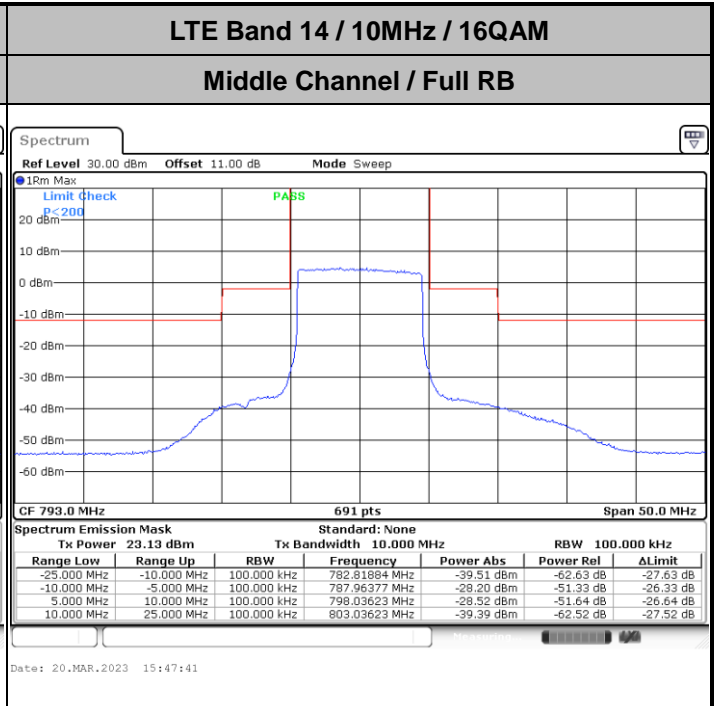
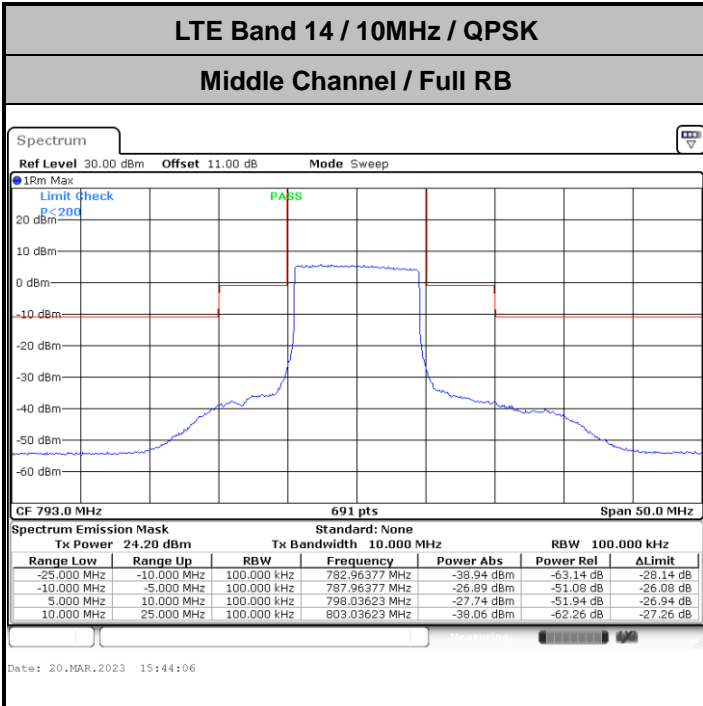


Date: 20.MAR.2023 15:41:02

Highest Channel / Full RB



Date: 20.MAR.2023 15:40:07





Frequency Stability

Test Conditions		LTE Band 14 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0047	PASS
40	Normal Voltage	0.0061	
30	Normal Voltage	0.0040	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0105	
0	Normal Voltage	0.0063	
-10	Normal Voltage	0.0043	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0030	

Note:

- 1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.4 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 17

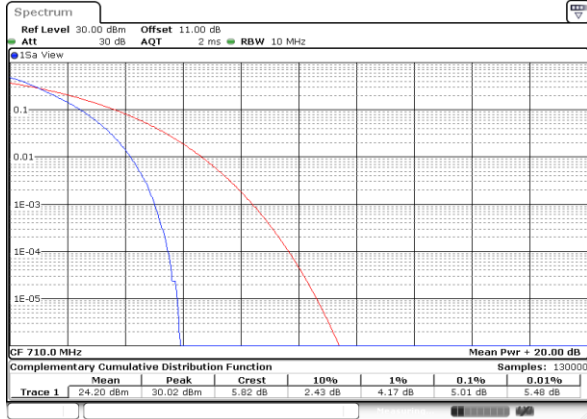
Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.01	5.77	6.06	6.43	PASS



LTE Band 17 / 10MHz / QPSK

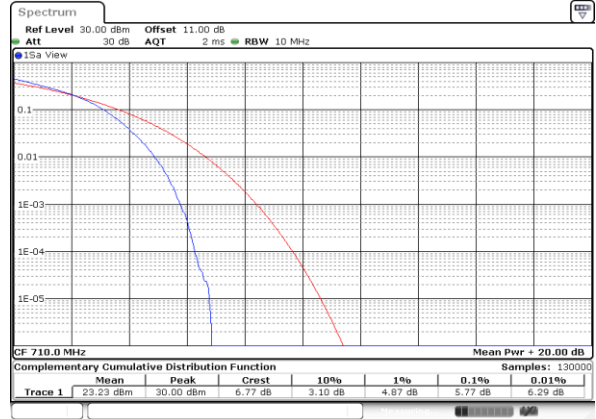
Middle Channel / Full RB



Date: 15.MAR.2023 20:38:30

LTE Band 17 / 10MHz / 16QAM

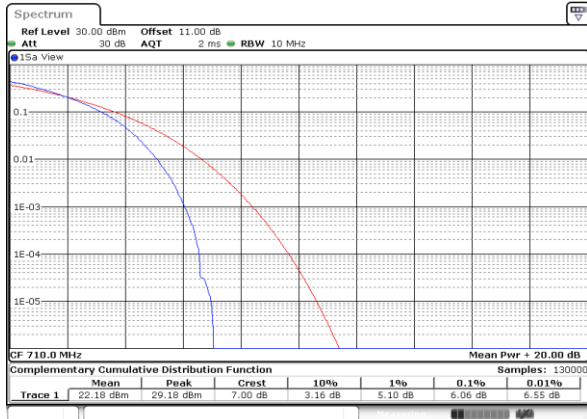
Middle Channel / Full RB



Date: 15.MAR.2023 20:37:59

LTE Band 17 / 10MHz / 64QAM

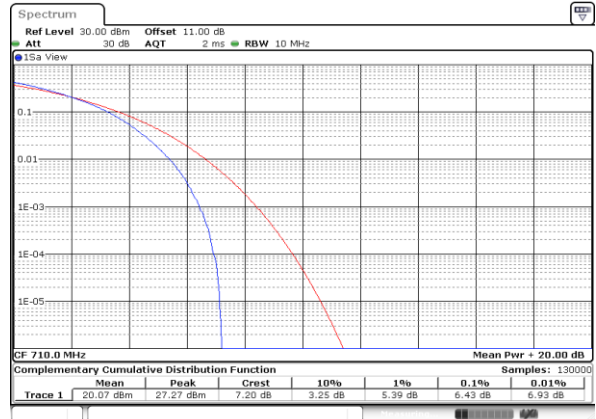
Middle Channel / Full RB



Date: 15.MAR.2023 20:39:01

LTE Band 17 / 10MHz / 256QAM

Middle Channel / Full RB



Date: 15.MAR.2023 20:47:12



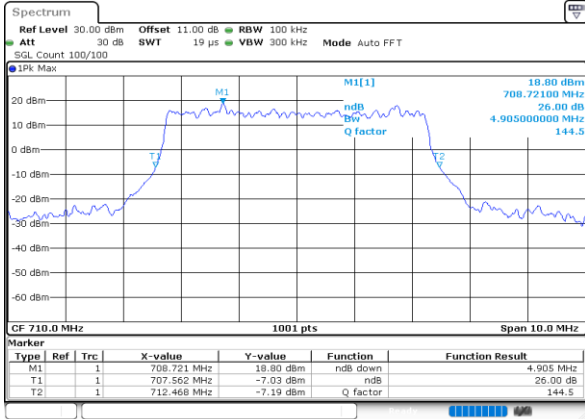
26dB Bandwidth

Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.91	5.20	9.73	9.95	-	-	-	-
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	5.18	5.16	10.15	10.01	-	-	-	-



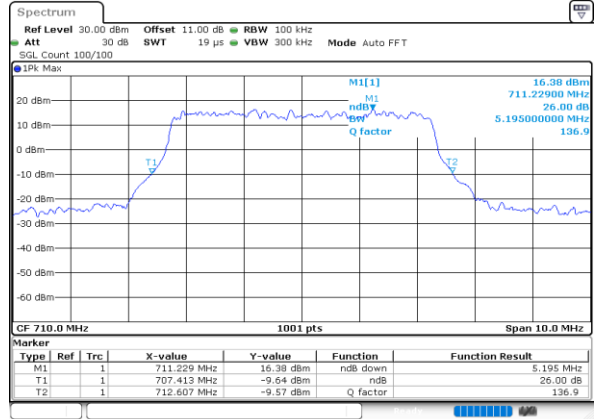
LTE Band 17

Middle Channel / 5MHz / QPSK



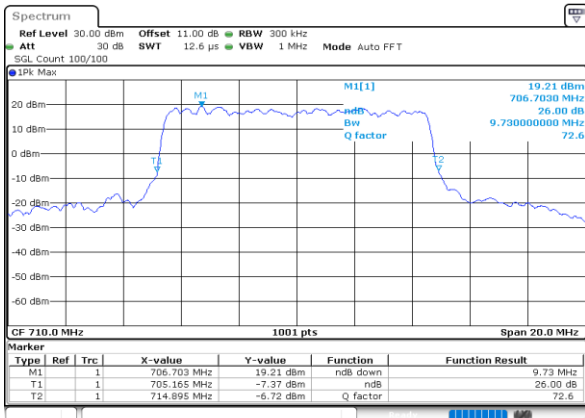
Date: 15.MAR.2023 20:15:12

Middle Channel / 5MHz / 16QAM



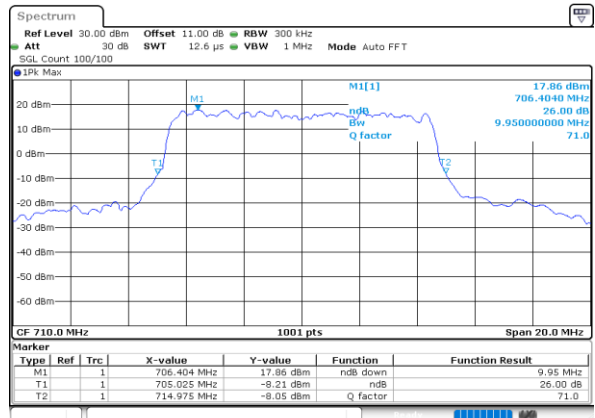
Date: 15.MAR.2023 20:15:41

Middle Channel / 10MHz / QPSK



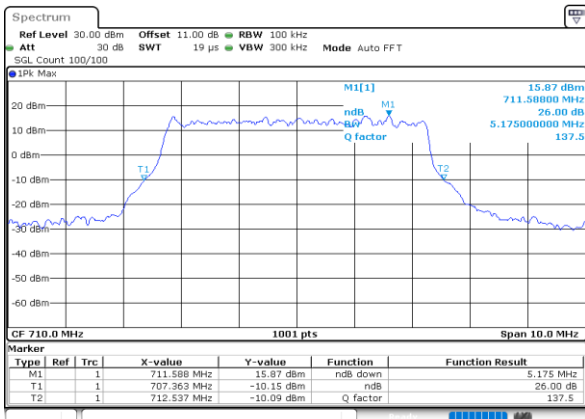
Date: 15.MAR.2023 20:27:24

Middle Channel / 10MHz / 16QAM



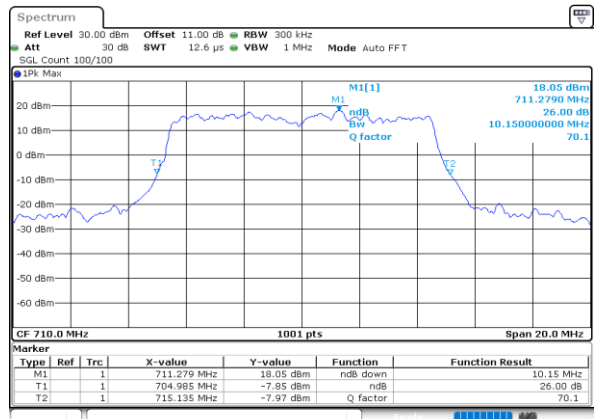
Date: 15.MAR.2023 20:27:53

Middle Channel / 5MHz / 64QAM



Date: 15.MAR.2023 20:32:42

Middle Channel / 10MHz / 64QAM



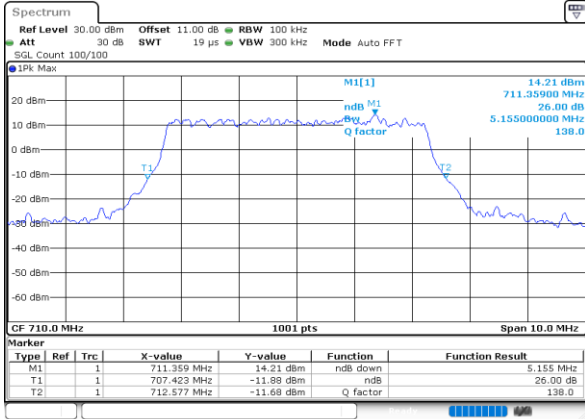
Date: 15.MAR.2023 20:36:30



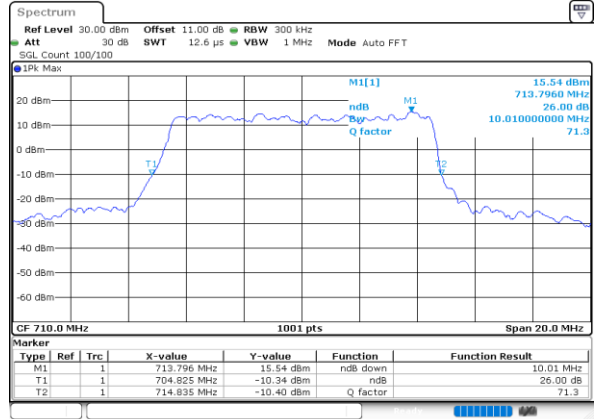
LTE Band 17

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 15.MAR.2023 20:41:53



Date: 15.MAR.2023 20:45:42



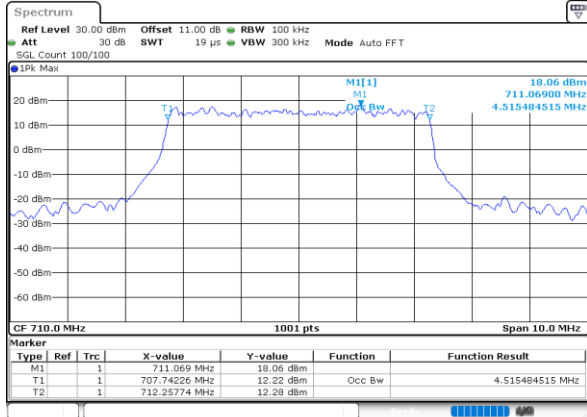
Occupied Bandwidth

Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.52	4.48	9.03	9.03	-	-	-	-
Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.55	4.50	9.07	9.07	-	-	-	-



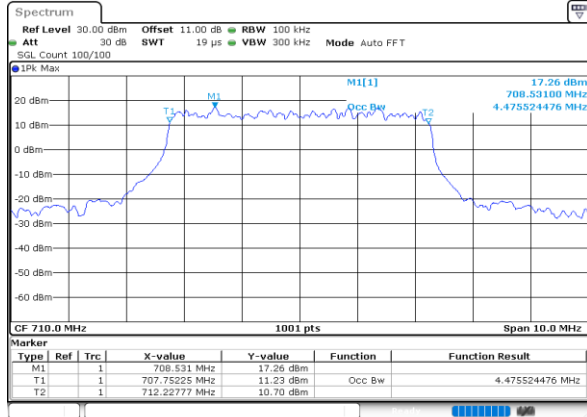
LTE Band 17

Middle Channel / 5MHz / QPSK



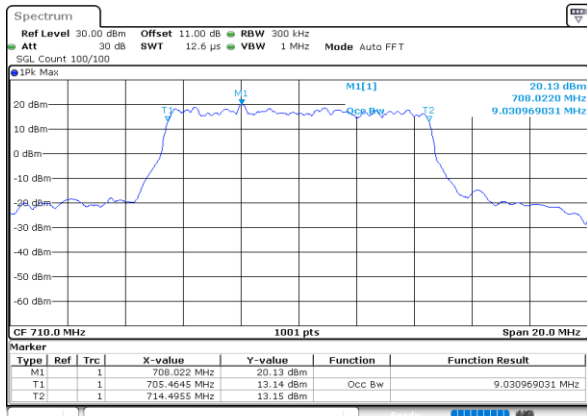
Date: 15.MAR.2023 20:14:14

Middle Channel / 5MHz / 16QAM



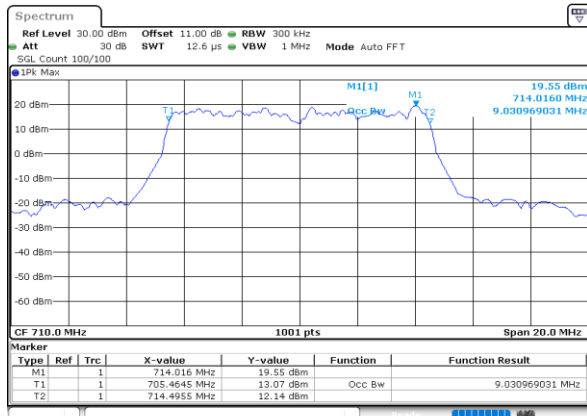
Date: 15.MAR.2023 20:14:43

Middle Channel / 10MHz / QPSK



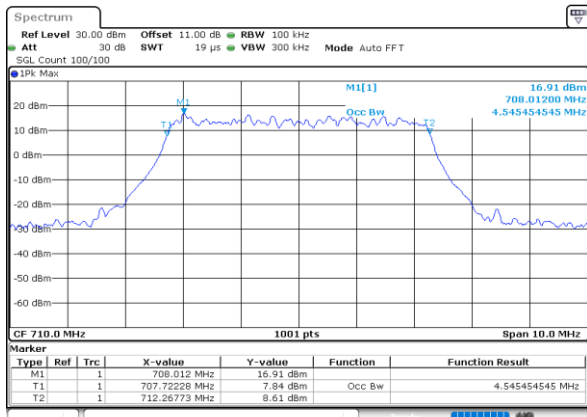
Date: 15.MAR.2023 20:26:26

Middle Channel / 10MHz / 16QAM



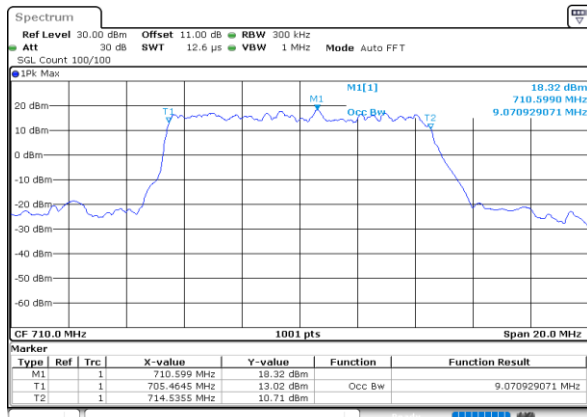
Date: 15.MAR.2023 20:26:55

Middle Channel / 5MHz / 64QAM



Date: 15.MAR.2023 20:32:28

Middle Channel / 10MHz / 64QAM



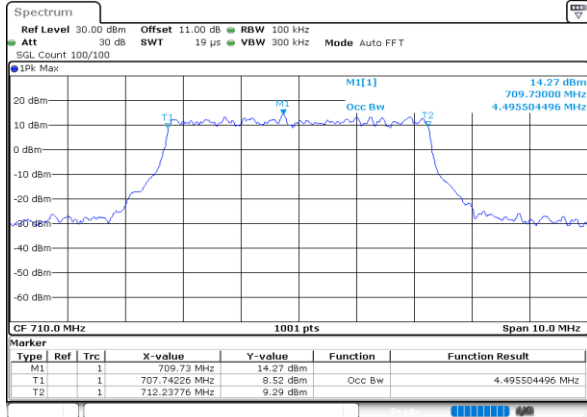
Date: 15.MAR.2023 20:36:16



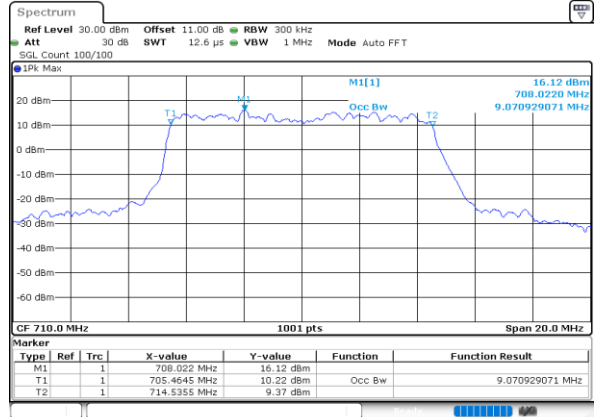
LTE Band 17

Middle Channel / 5MHz / 256QAM

Middle Channel / 10MHz / 256QAM



Date: 15.MAR.2023 20:41:39



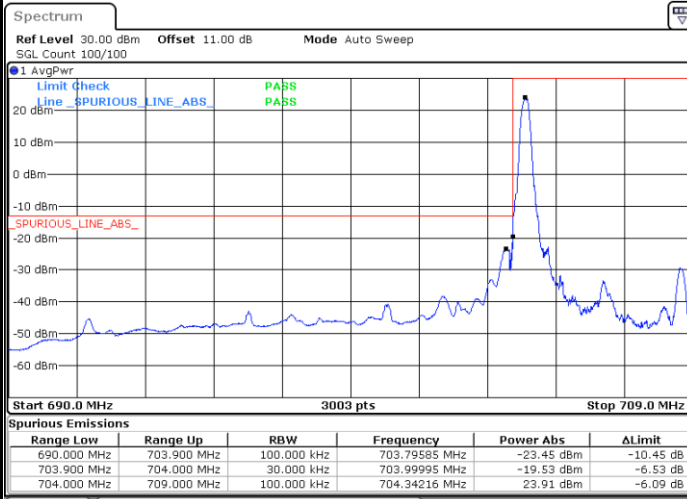
Date: 15.MAR.2023 20:45:28



Conducted Band Edge

LTE Band 17 / 5MHz / QPSK

Lowest Band Edge / 1 RB



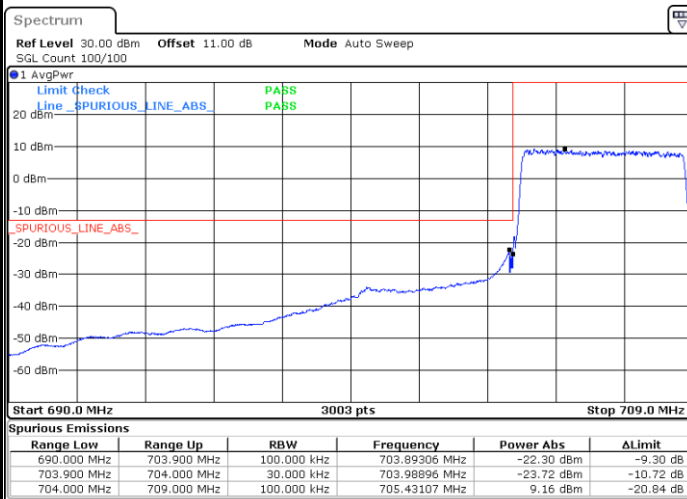
Date: 15.MAR.2023 20:09:33

Highest Band Edge / 1 RB



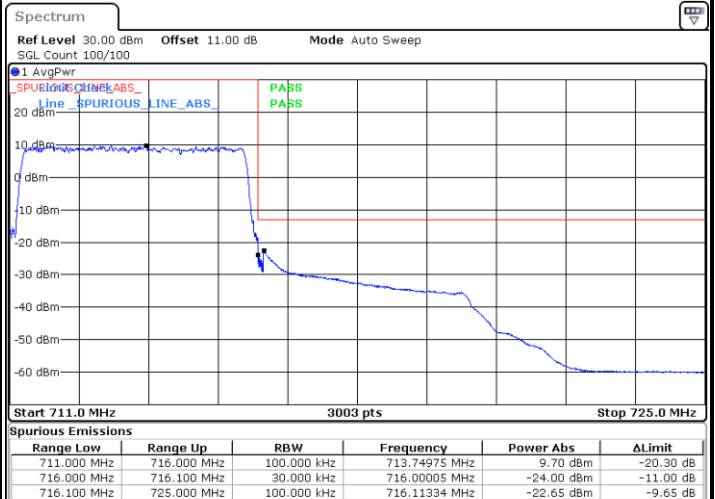
Date: 15.MAR.2023 20:17:48

Lowest Band Edge / Full RB



Date: 15.MAR.2023 20:11:35

Highest Band Edge / Full RB

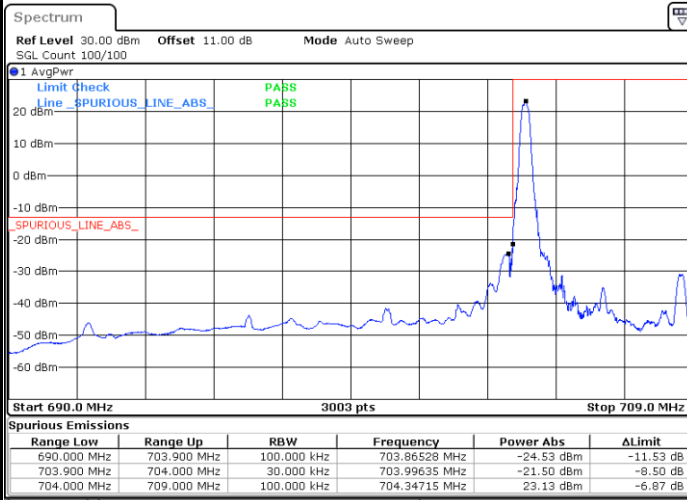


Date: 15.MAR.2023 20:19:47



LTE Band 17 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



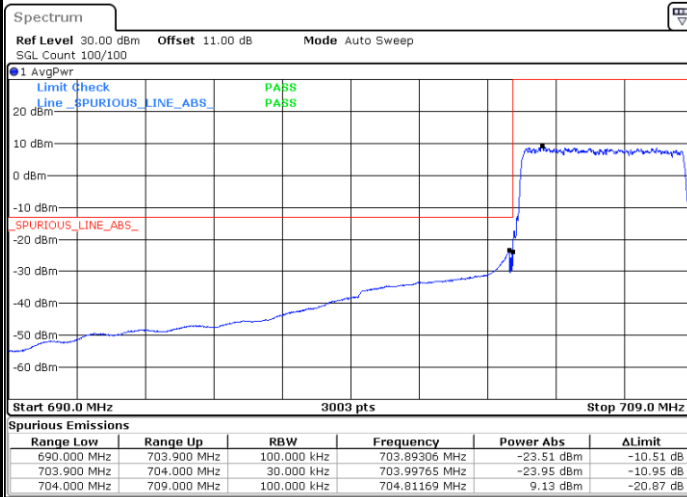
Date: 15.MAR.2023 20:10:34

Highest Band Edge / 1 RB



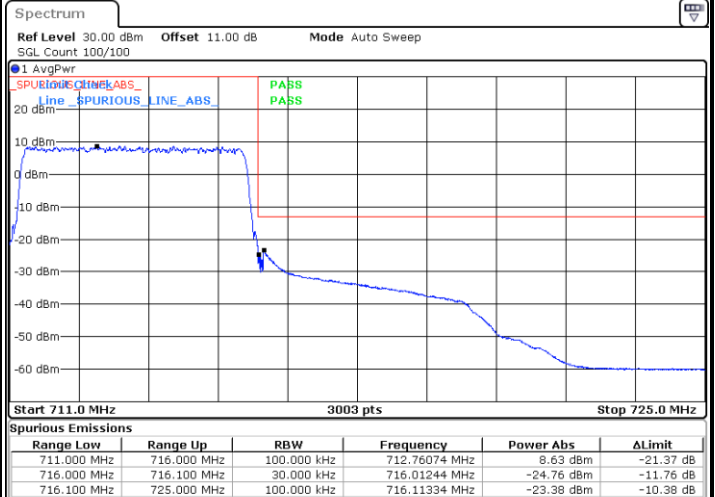
Date: 15.MAR.2023 20:18:47

Lowest Band Edge / Full RB



Date: 15.MAR.2023 20:12:36

Highest Band Edge / Full RB

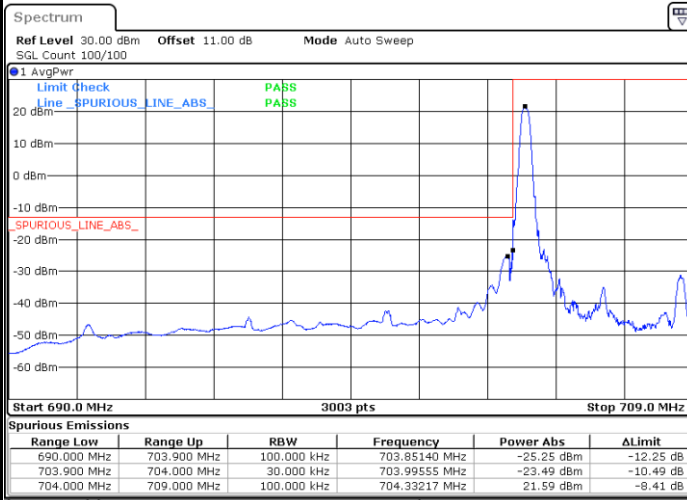


Date: 15.MAR.2023 20:20:46



LTE Band 17 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



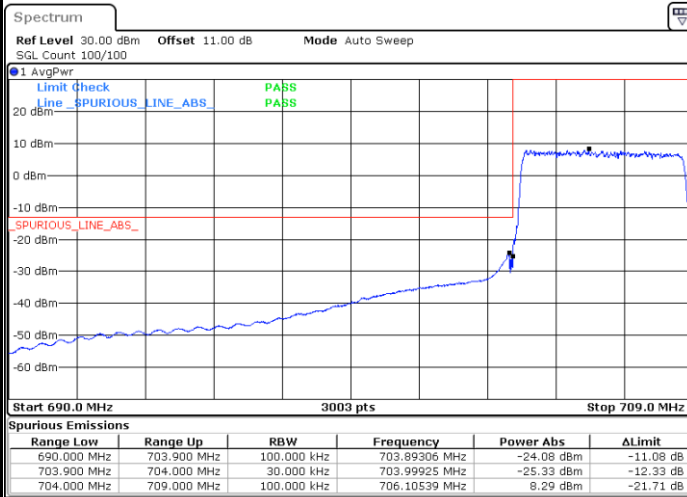
Date: 15.MAR.2023 20:30:56

Highest Band Edge / 1 RB



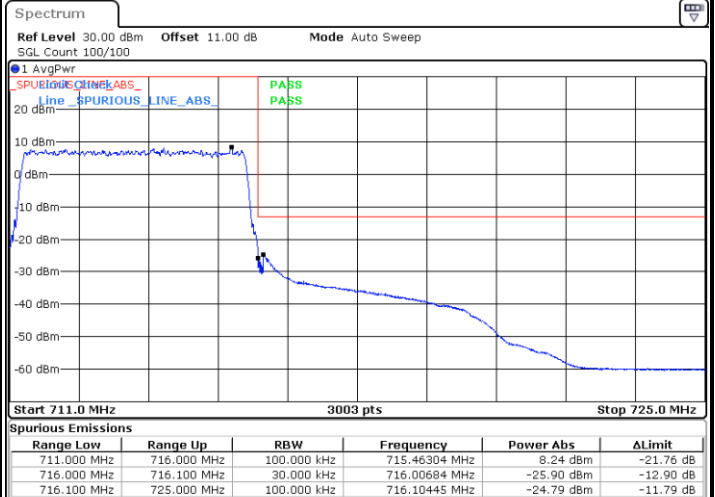
Date: 15.MAR.2023 20:33:41

Lowest Band Edge / Full RB



Date: 15.MAR.2023 20:31:58

Highest Band Edge / Full RB

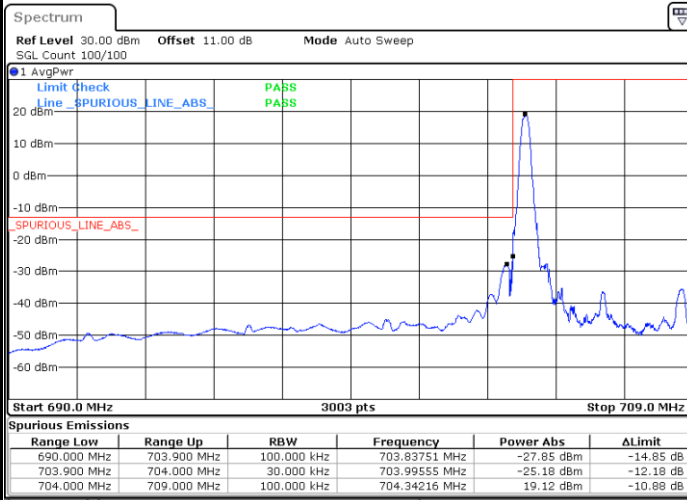


Date: 15.MAR.2023 20:34:40



LTE Band 17 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



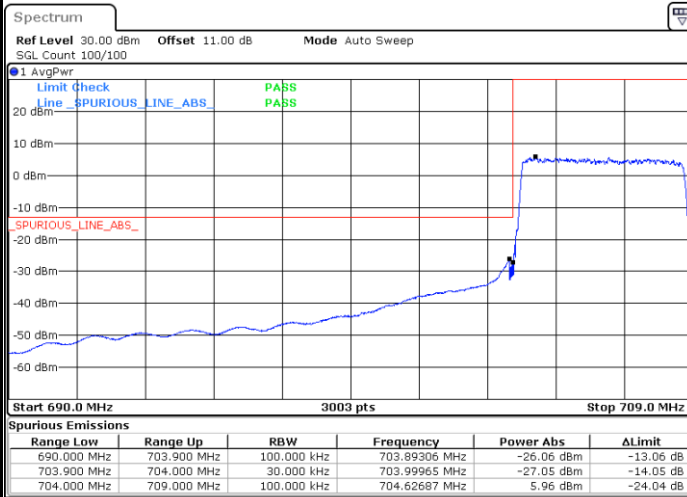
Date: 15.MAR.2023 20:40:08

Highest Band Edge / 1 RB



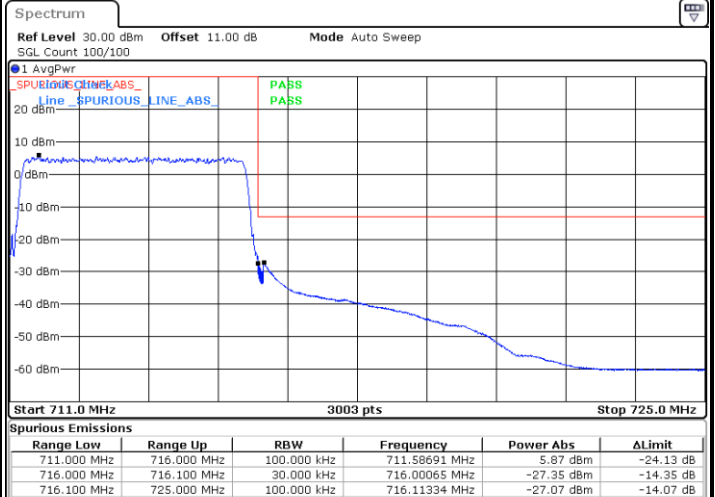
Date: 15.MAR.2023 20:42:51

Lowest Band Edge / Full RB



Date: 15.MAR.2023 20:41:09

Highest Band Edge / Full RB

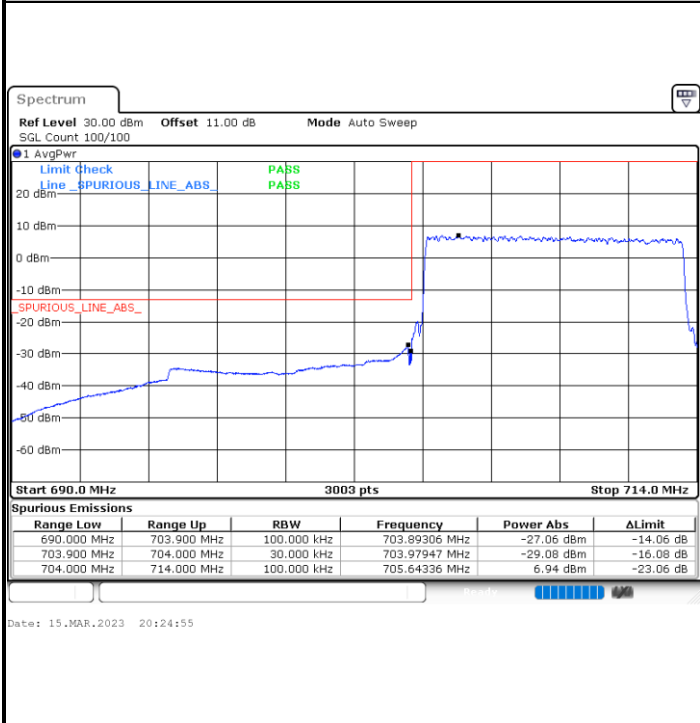


Date: 15.MAR.2023 20:43:51

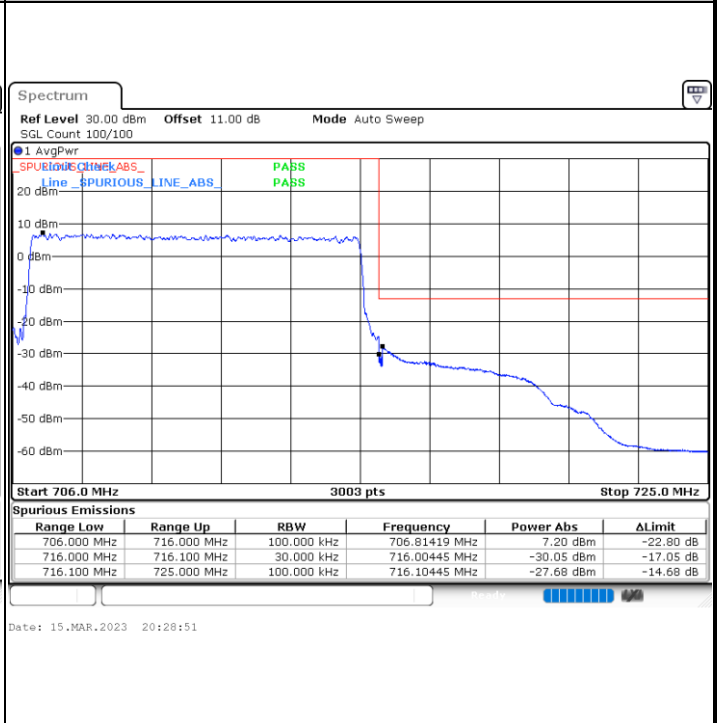


LTE Band 17 / 10MHz / QPSK

Lowest Band Edge / Full RB

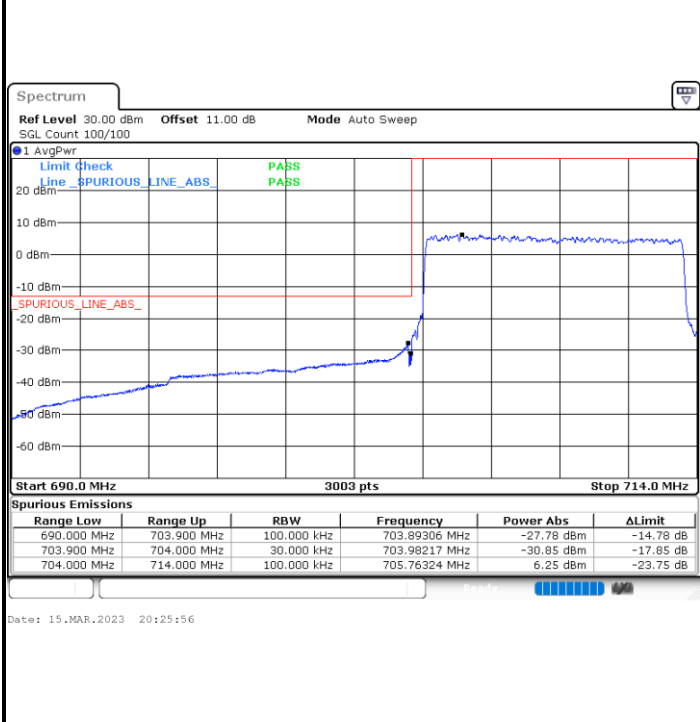


Highest Band Edge / Full RB



LTE Band 17 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

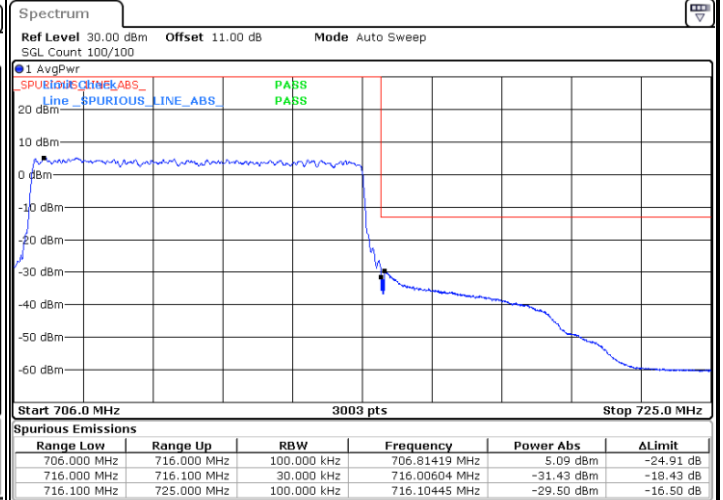
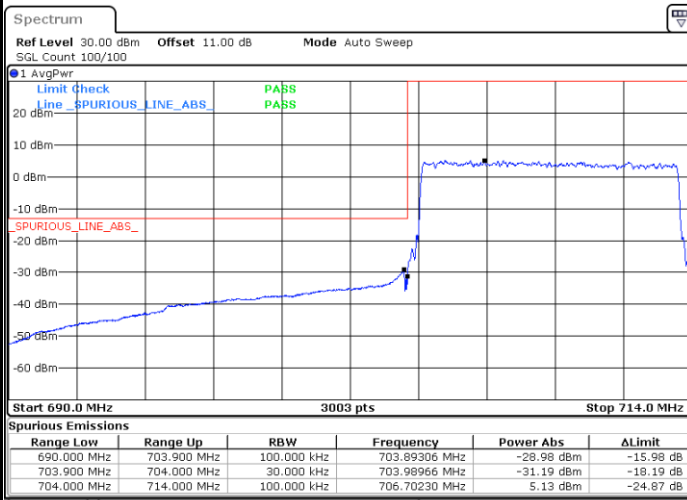




LTE Band 17 / 10MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



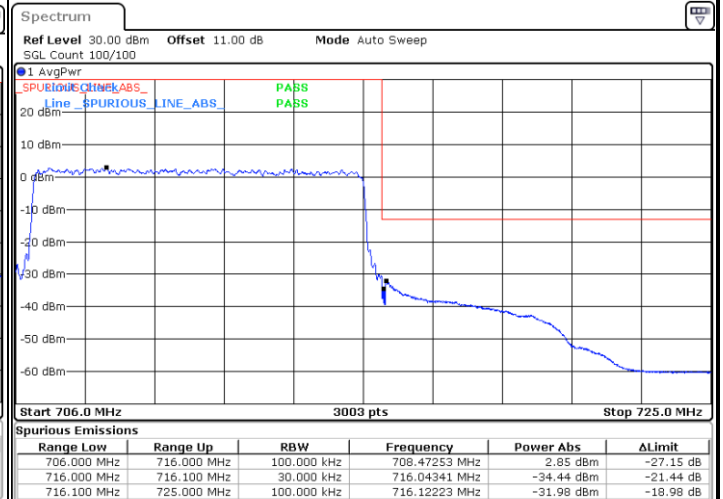
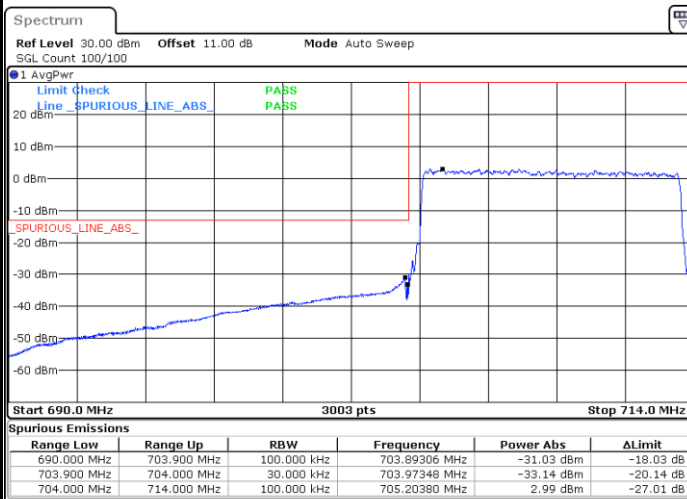
Date: 15.MAR.2023 20:35:46

Date: 15.MAR.2023 20:37:28

LTE Band 17 / 10MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

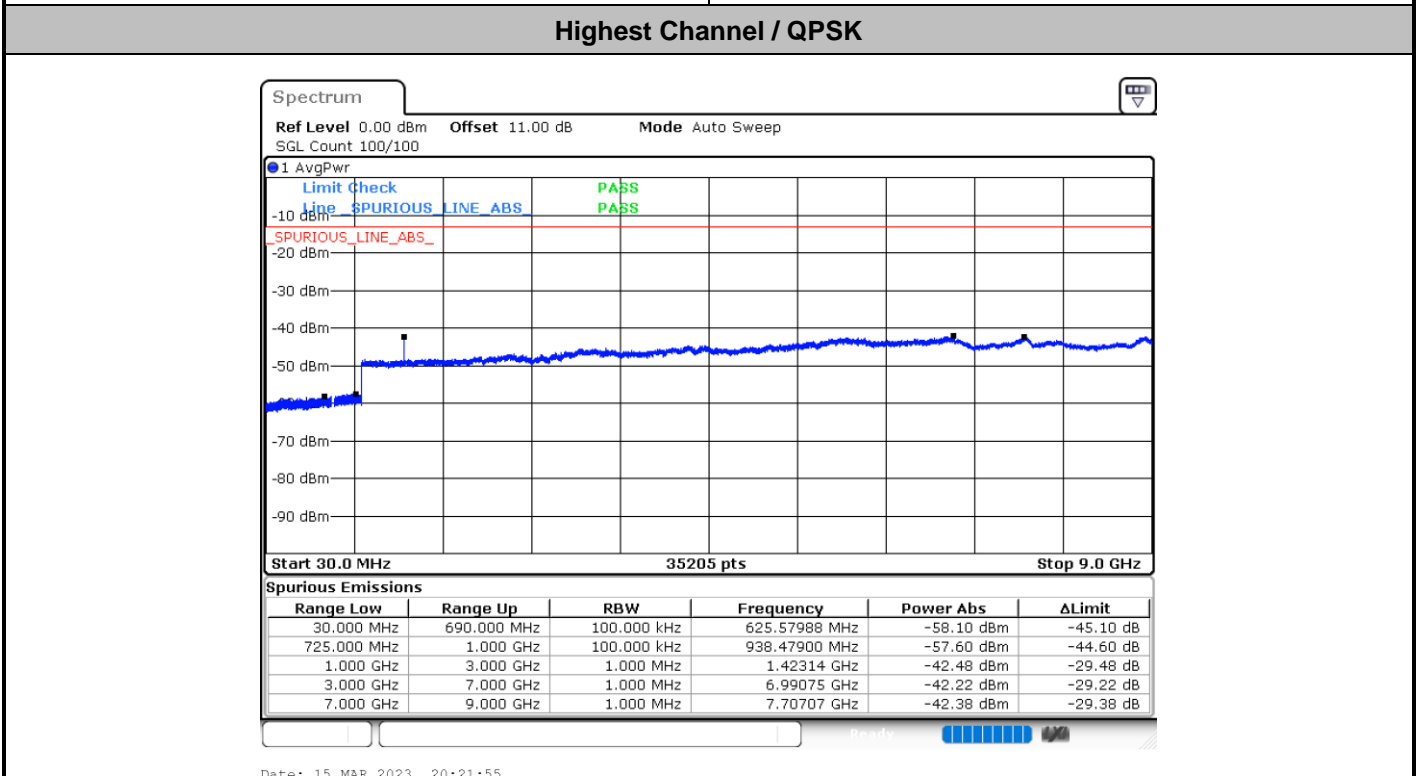
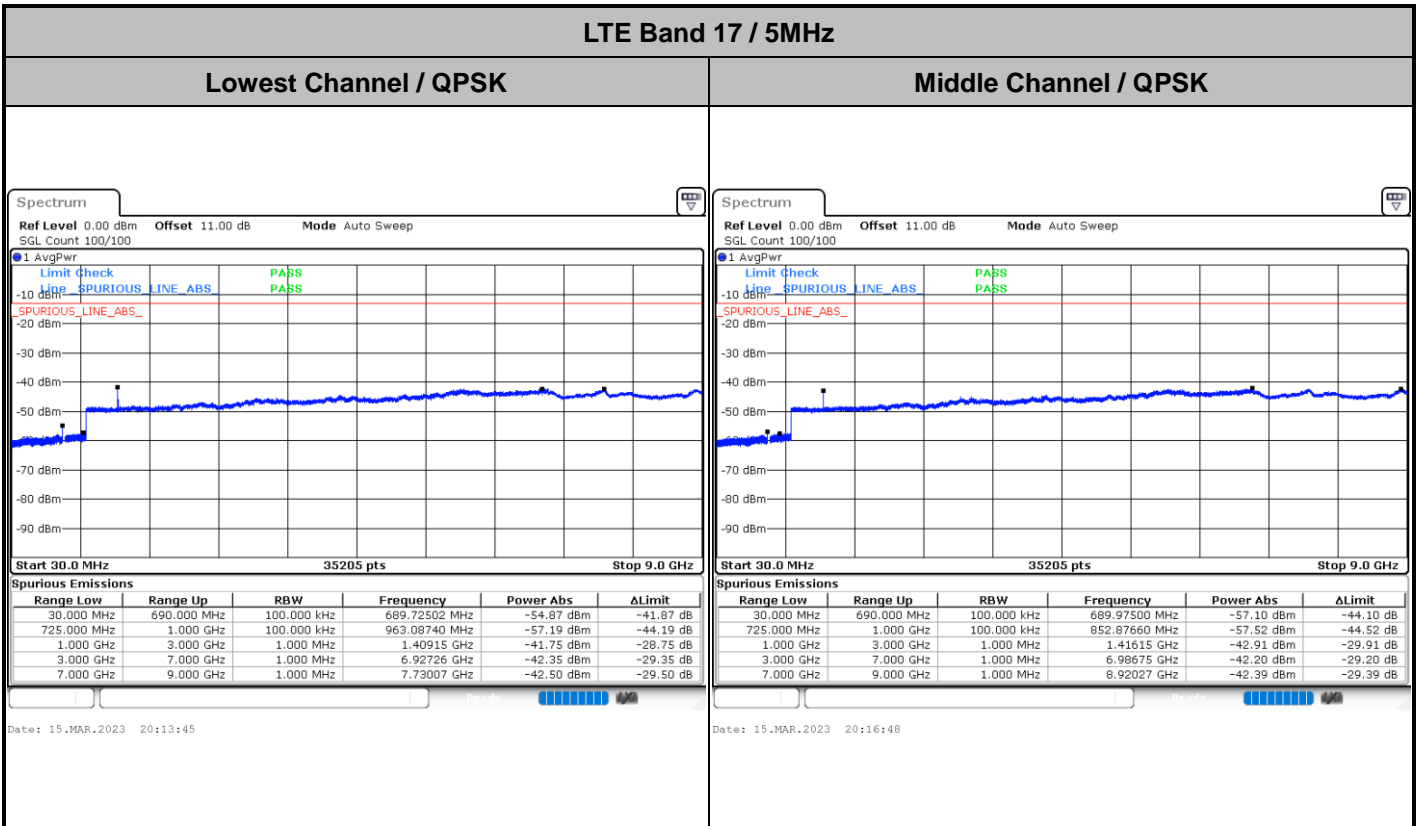


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Conducted Spurious Emission

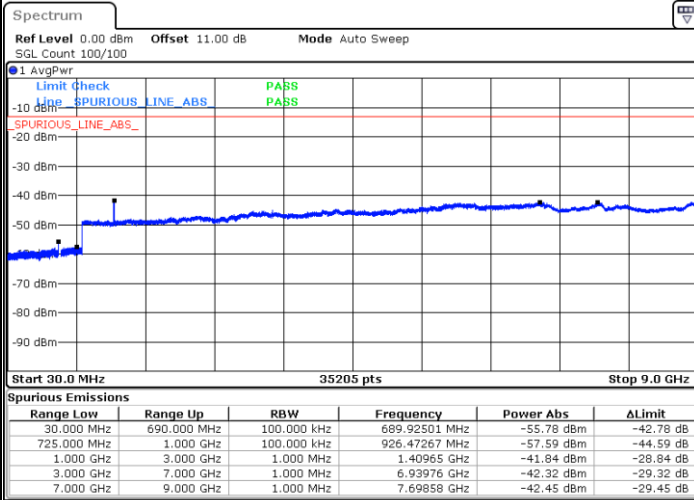




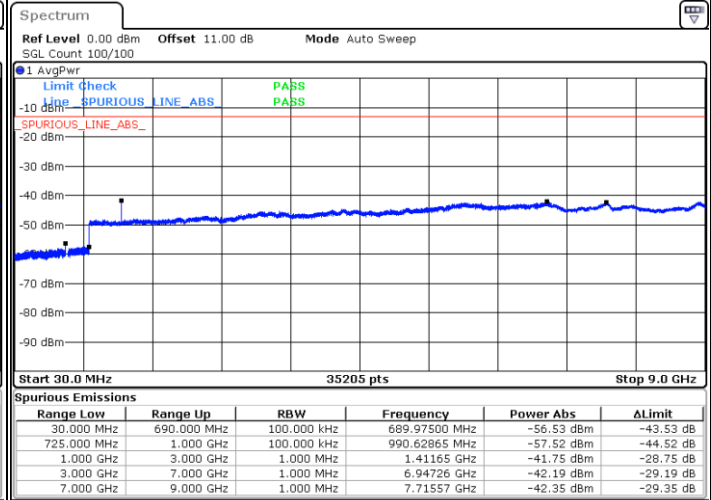
LTE Band 17 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

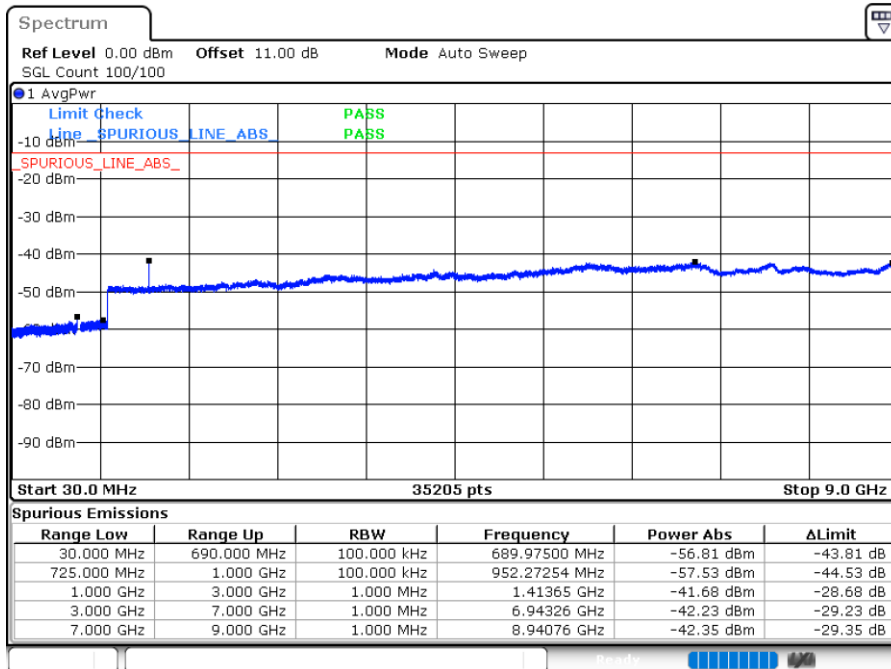


Date: 15.MAR.2023 20:48:20



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Highest Channel / QPSK



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Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0052	PASS
40	Normal Voltage	0.0044	
30	Normal Voltage	0.0090	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0093	
0	Normal Voltage	0.0265	
-10	Normal Voltage	0.0127	
-20	Normal Voltage	0.0103	
-30	Normal Voltage	0.0189	
20	Maximum Voltage	0.0080	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0192	

Note:

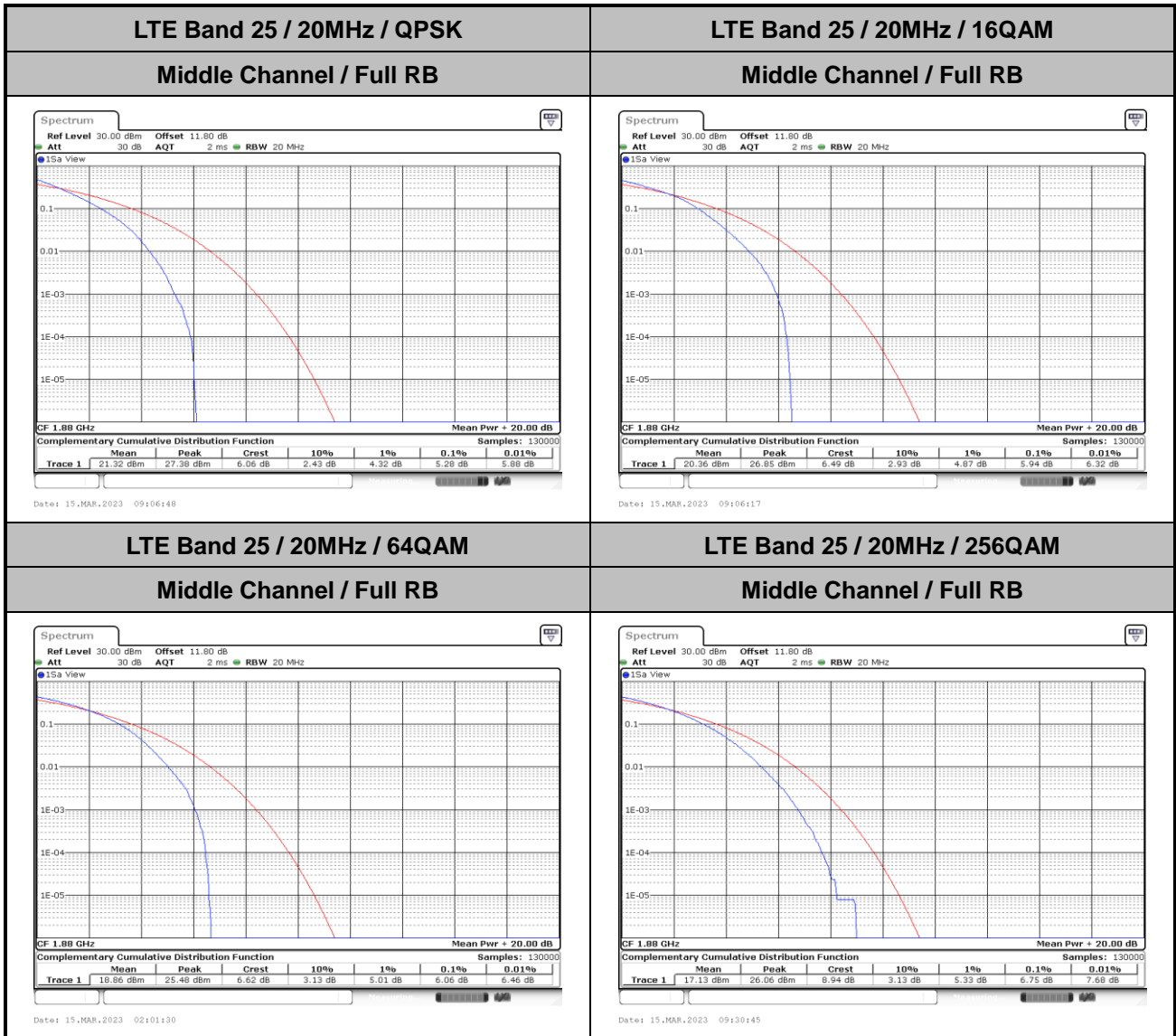
1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.28	5.94	6.06	6.75	PASS





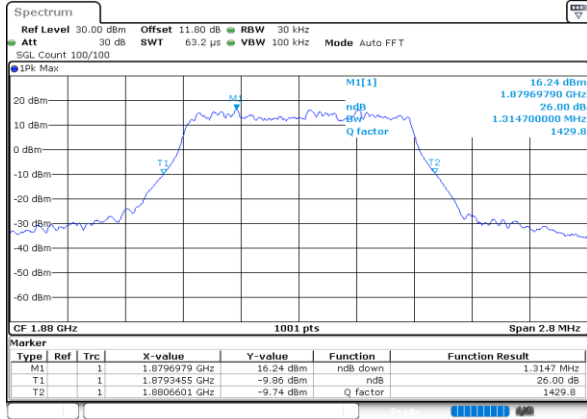
26dB Bandwidth

Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.31	1.34	3.08	3.15	5.28	5.05	10.43	9.75	15.29	14.75	19.10	19.54
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.27	1.30	3.09	3.19	5.28	5.08	10.01	9.79	14.42	14.30	19.06	18.98



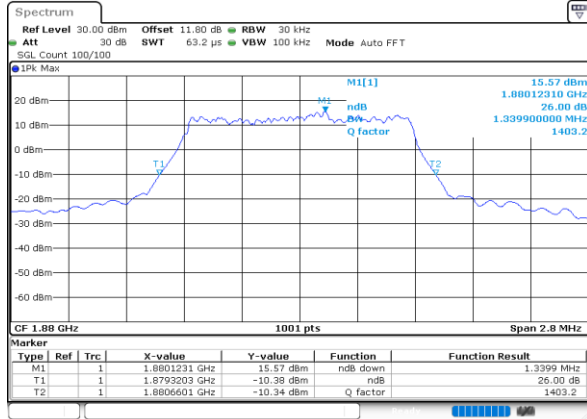
LTE Band 25

Middle Channel / 1.4MHz / QPSK



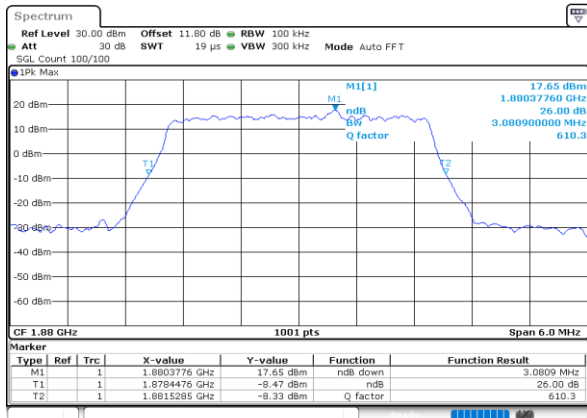
Date: 15.MAR.2023 00:54:01

Middle Channel / 1.4MHz / 16QAM



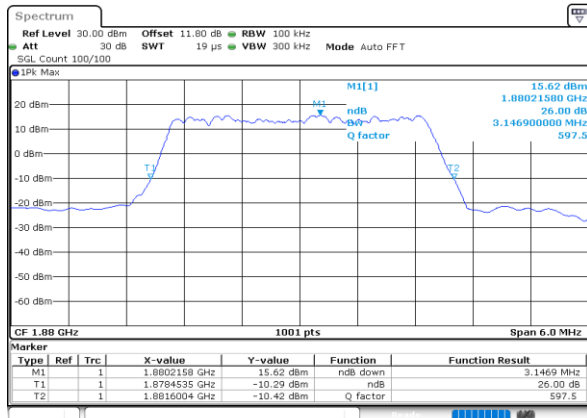
Date: 15.MAR.2023 00:54:30

Middle Channel / 3MHz / QPSK



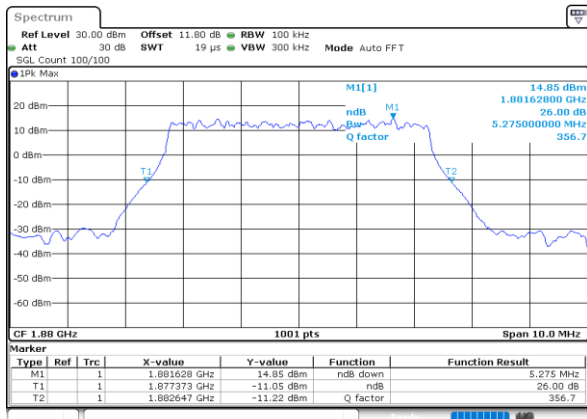
Date: 15.MAR.2023 01:15:16

Middle Channel / 3MHz / 16QAM



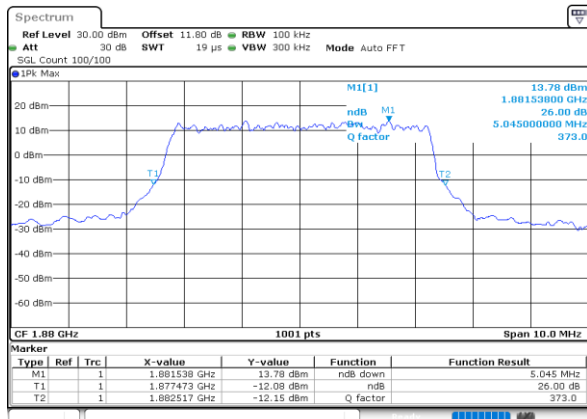
Date: 15.MAR.2023 01:15:45

Middle Channel / 5MHz / QPSK



Date: 15.MAR.2023 01:22:34

Middle Channel / 5MHz / 16QAM

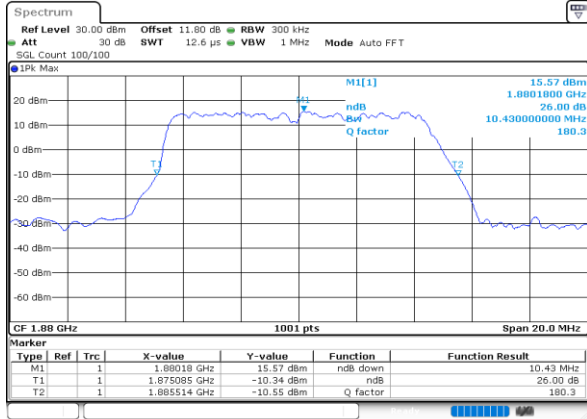


Date: 15.MAR.2023 01:23:04



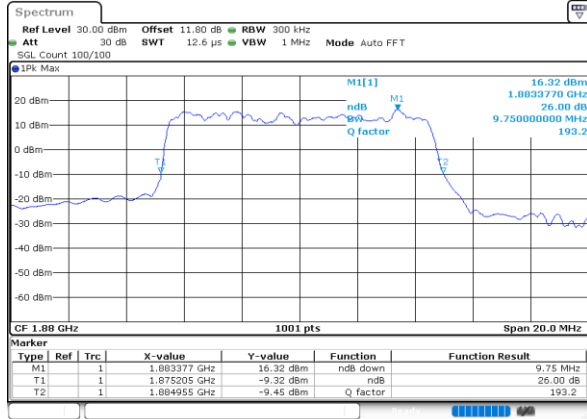
LTE Band 25

Middle Channel / 10MHz / QPSK



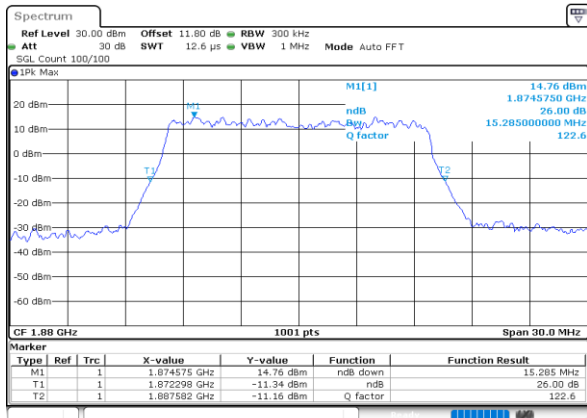
Date: 15.MAR.2023 01:33:13

Middle Channel / 10MHz / 16QAM



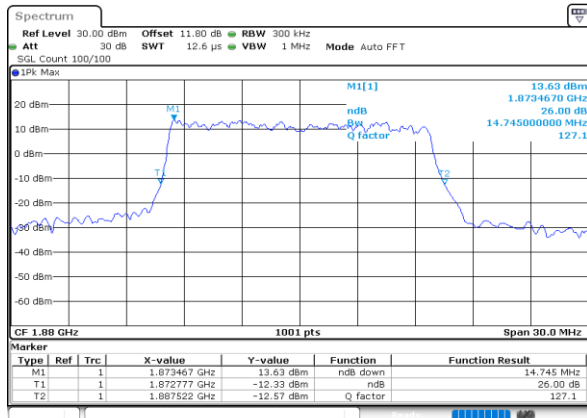
Date: 15.MAR.2023 01:33:44

Middle Channel / 15MHz / QPSK



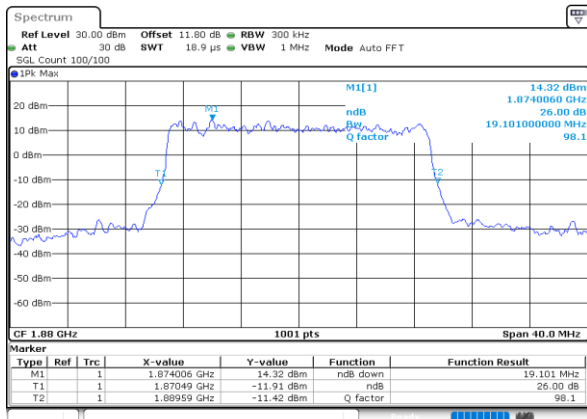
Date: 15.MAR.2023 01:47:14

Middle Channel / 15MHz / 16QAM



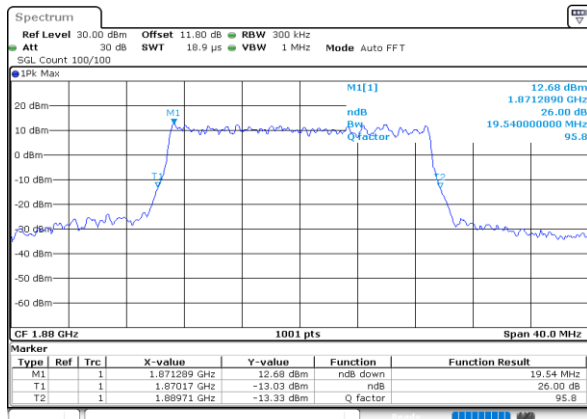
Date: 15.MAR.2023 01:47:43

Middle Channel / 20MHz / QPSK



Date: 15.MAR.2023 01:54:32

Middle Channel / 20MHz / 16QAM

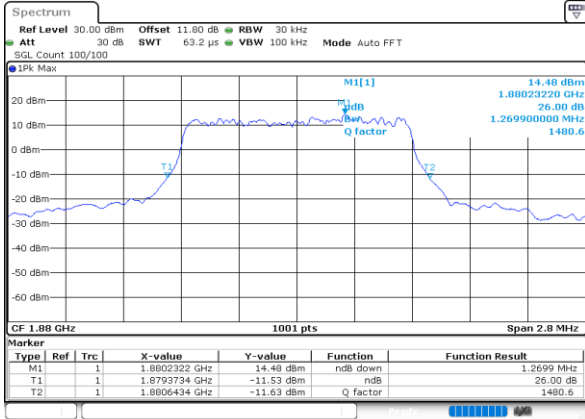


Date: 15.MAR.2023 01:55:01



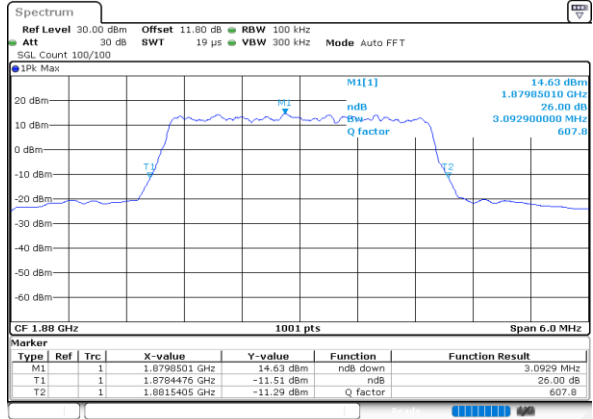
LTE Band 25

Middle Channel / 1.4MHz / 64QAM



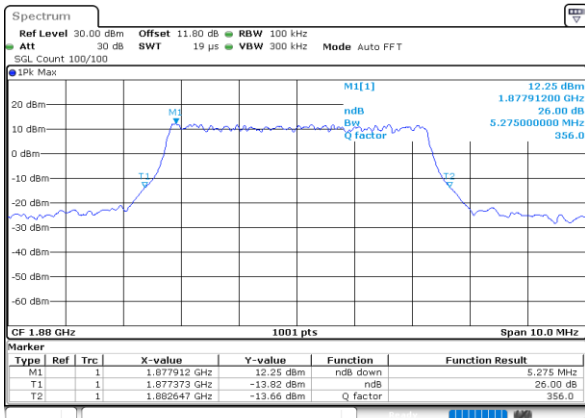
Date: 15.MAR.2023 01:05:06

Middle Channel / 3MHz / 64QAM



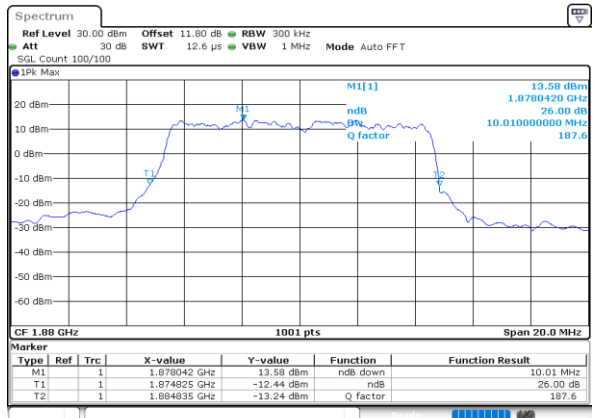
Date: 15.MAR.2023 01:10:51

Middle Channel / 5MHz / 64QAM



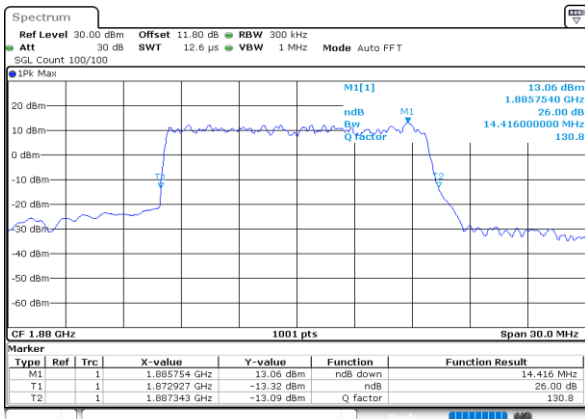
Date: 15.MAR.2023 01:27:43

Middle Channel / 10MHz / 64QAM



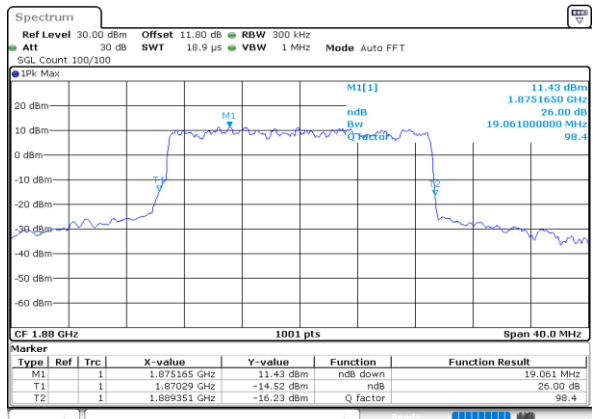
Date: 15.MAR.2023 01:38:23

Middle Channel / 15MHz / 64QAM



Date: 15.MAR.2023 01:41:49

Middle Channel / 20MHz / 64QAM

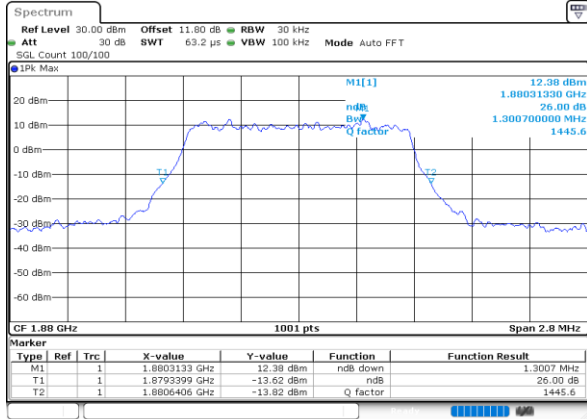


Date: 15.MAR.2023 01:59:41



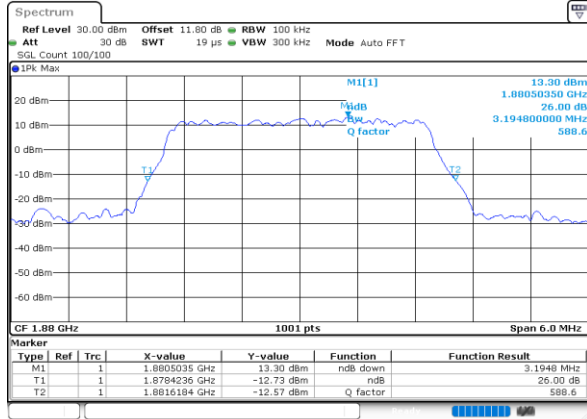
LTE Band 25

Middle Channel / 1.4MHz / 256QAM



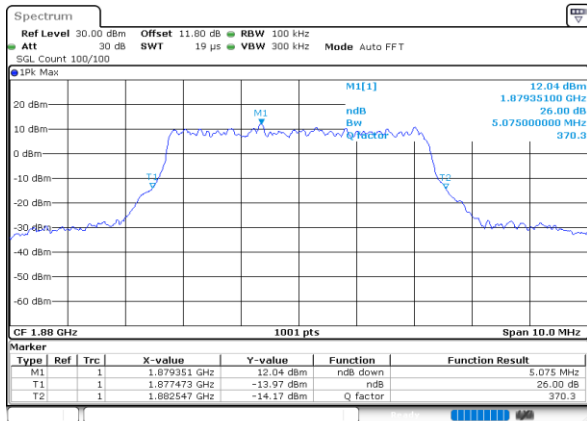
Date: 15.MAR.2023 09:10:16

Middle Channel / 3MHz / 256QAM



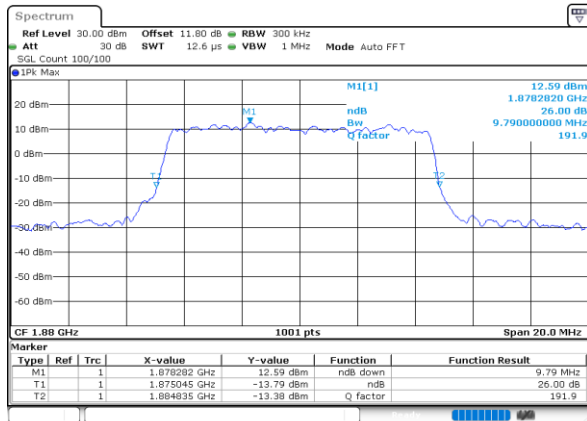
Date: 15.MAR.2023 09:15:00

Middle Channel / 5MHz / 256QAM



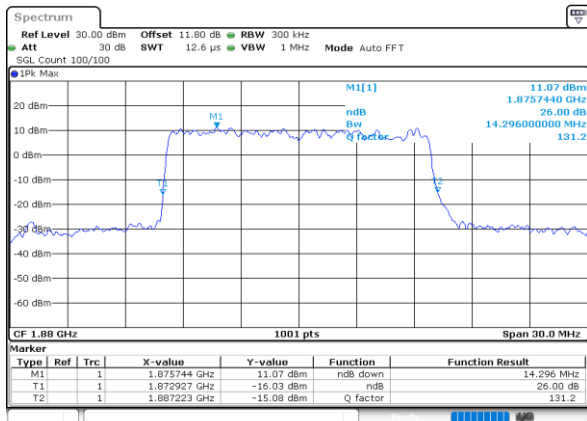
Date: 15.MAR.2023 09:18:29

Middle Channel / 10MHz / 256QAM



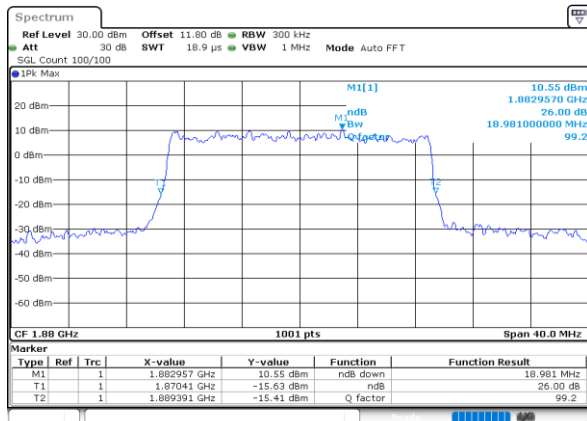
Date: 15.MAR.2023 09:21:56

Middle Channel / 15MHz / 256QAM



Date: 15.MAR.2023 09:25:25

Middle Channel / 20MHz / 256QAM



Date: 15.MAR.2023 09:28:53



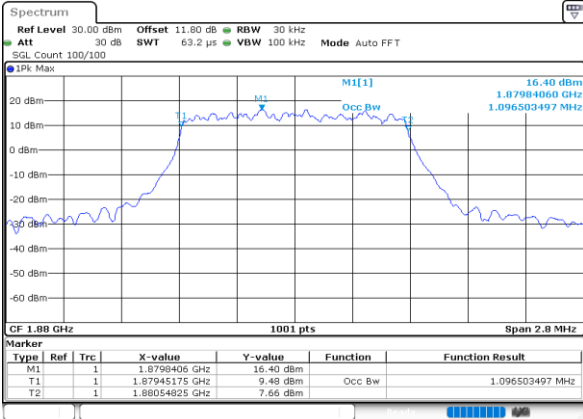
Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.10	1.09	2.72	2.72	4.51	4.51	9.07	9.01	13.43	13.40	17.86	17.98
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	1.09	2.76	2.73	4.49	4.49	9.07	8.99	13.37	13.49	17.90	17.90



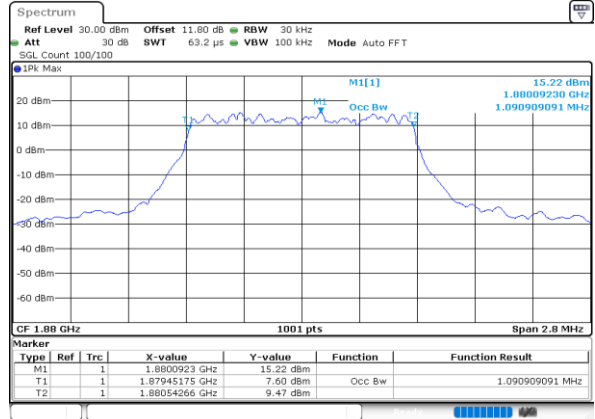
LTE Band 25

Middle Channel / 1.4MHz / QPSK



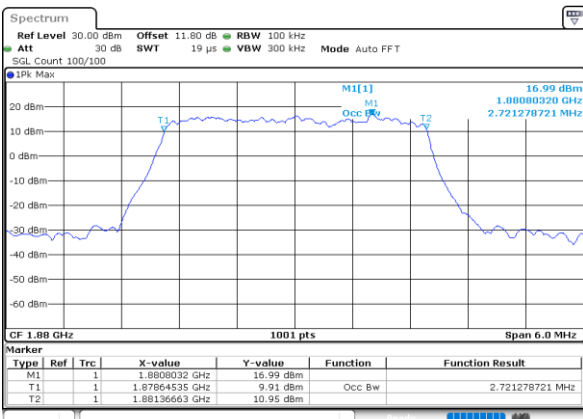
Date: 15.MAR.2023 00:53:02

Middle Channel / 1.4MHz / 16QAM



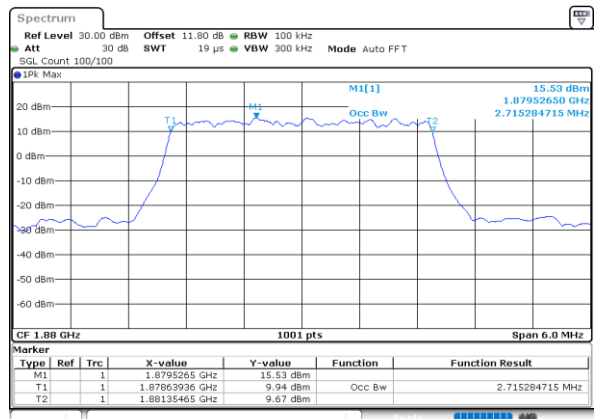
Date: 15.MAR.2023 00:53:31

Middle Channel / 3MHz / QPSK



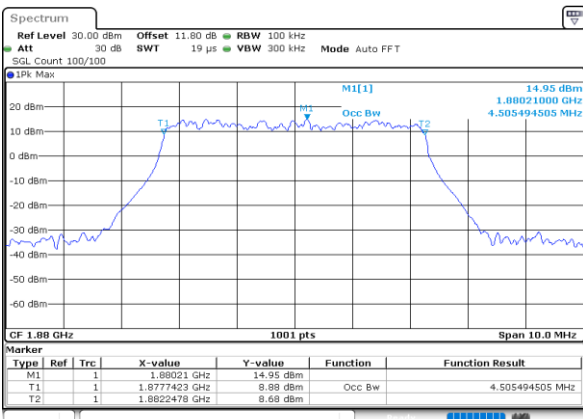
Date: 15.MAR.2023 01:14:17

Middle Channel / 3MHz / 16QAM



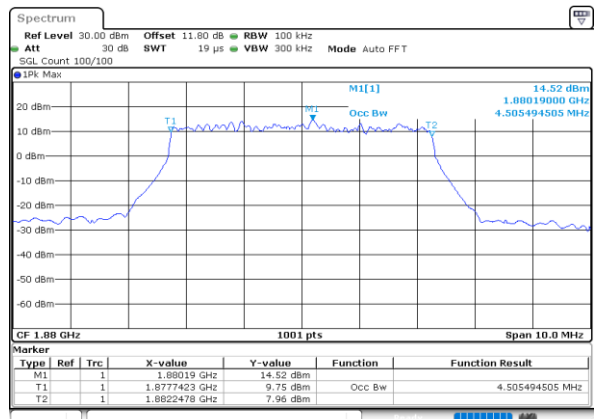
Date: 15.MAR.2023 01:14:46

Middle Channel / 5MHz / QPSK



Date: 15.MAR.2023 01:21:36

Middle Channel / 5MHz / 16QAM

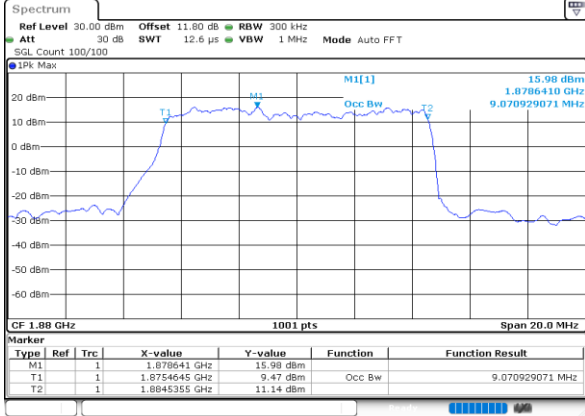


Date: 15.MAR.2023 01:22:05



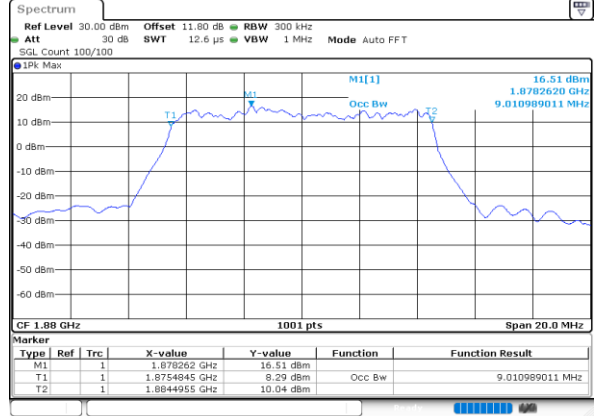
LTE Band 25

Middle Channel / 10MHz / QPSK



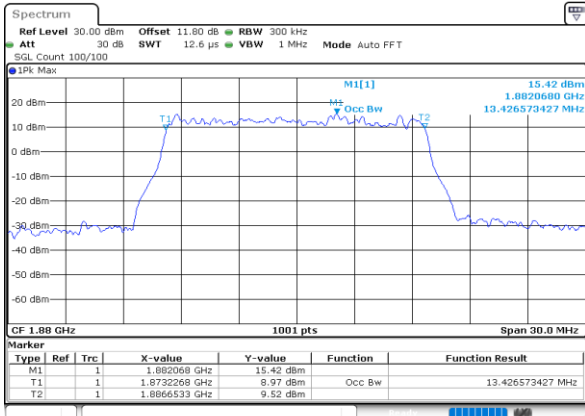
Date: 15.MAR.2023 01:32:14

Middle Channel / 10MHz / 16QAM



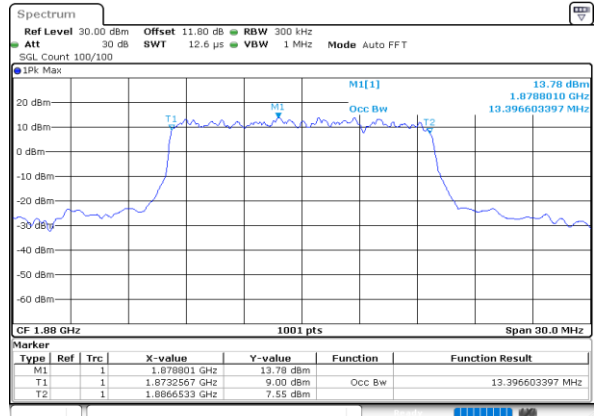
Date: 15.MAR.2023 01:32:44

Middle Channel / 15MHz / QPSK



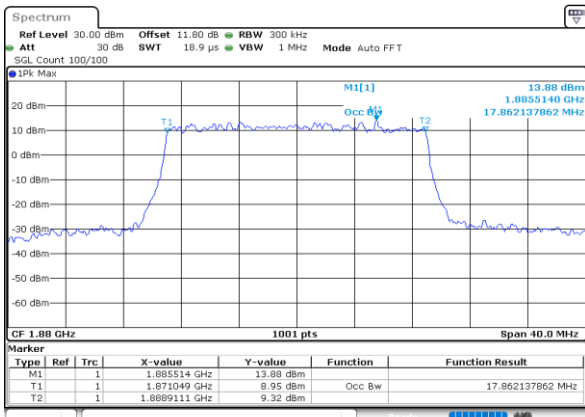
Date: 15.MAR.2023 01:46:15

Middle Channel / 15MHz / 16QAM



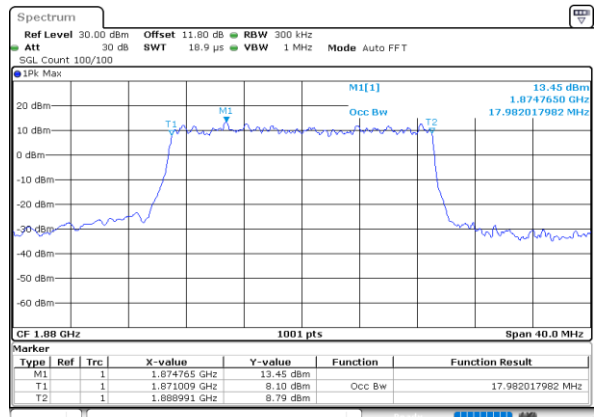
Date: 15.MAR.2023 01:46:44

Middle Channel / 20MHz / QPSK



Date: 15.MAR.2023 01:53:33

Middle Channel / 20MHz / 16QAM



Date: 15.MAR.2023 01:54:02