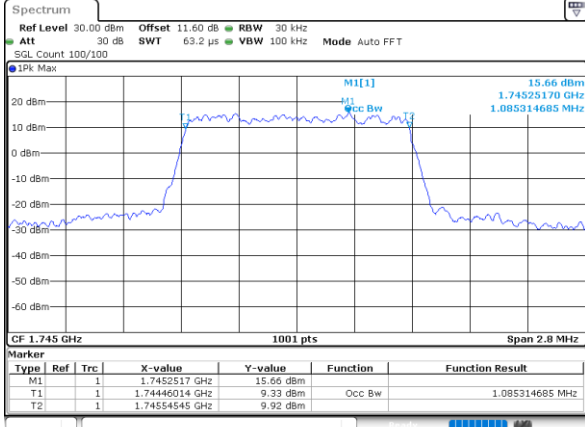




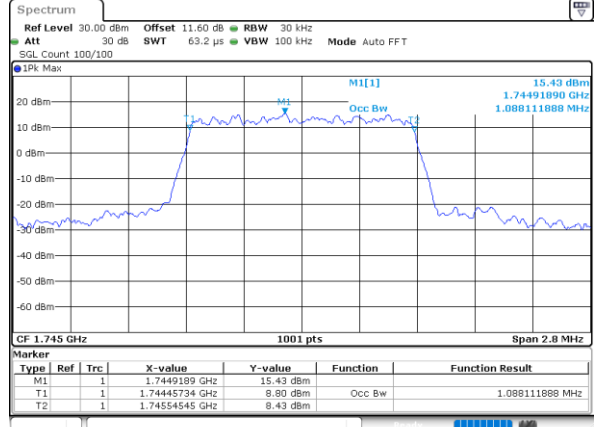
LTE Band 66

Middle Channel / 1.4MHz / QPSK



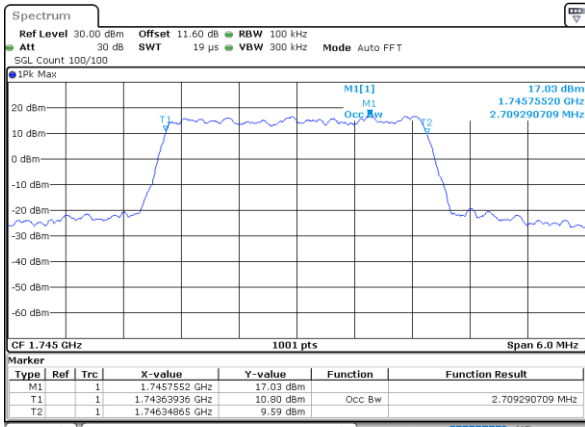
Date: 19.MAY.2023 11:47:50

Middle Channel / 1.4MHz / 16QAM



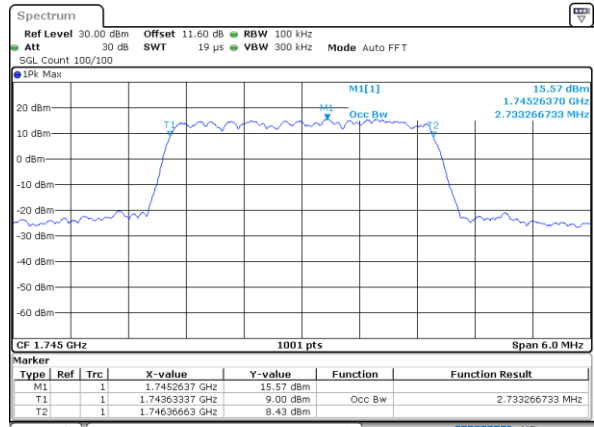
Date: 19.MAY.2023 11:48:19

Middle Channel / 3MHz / QPSK



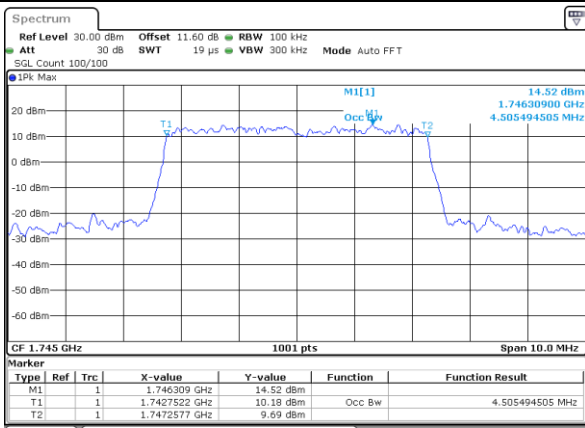
Date: 19.MAY.2023 12:02:50

Middle Channel / 3MHz / 16QAM



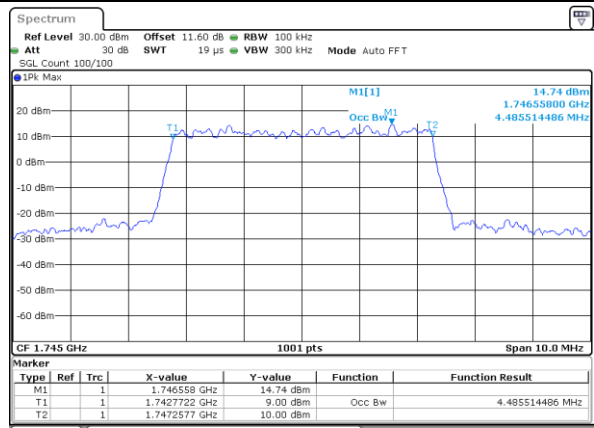
Date: 19.MAY.2023 12:03:19

Middle Channel / 5MHz / QPSK



Date: 19.MAY.2023 12:14:18

Middle Channel / 5MHz / 16QAM

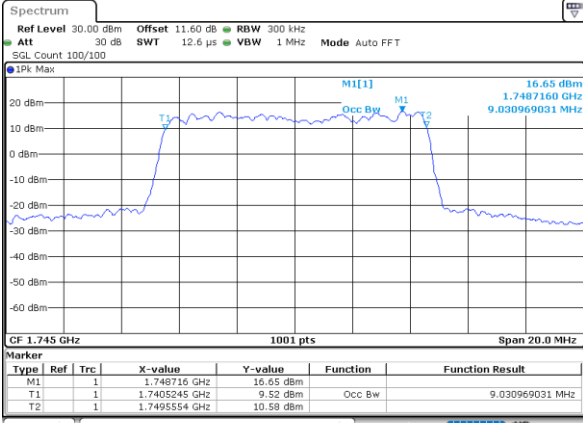


Date: 19.MAY.2023 12:14:47



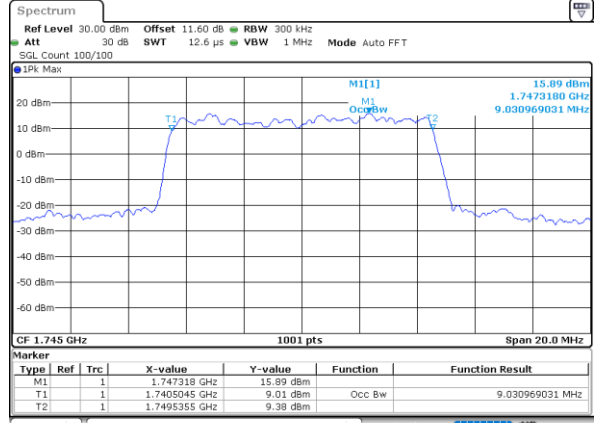
LTE Band 66

Middle Channel / 10MHz / QPSK



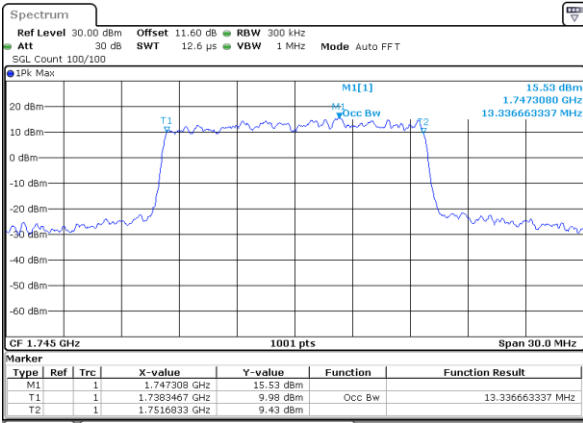
Date: 19_MAY.2023 12:20:33

Middle Channel / 10MHz / 16QAM



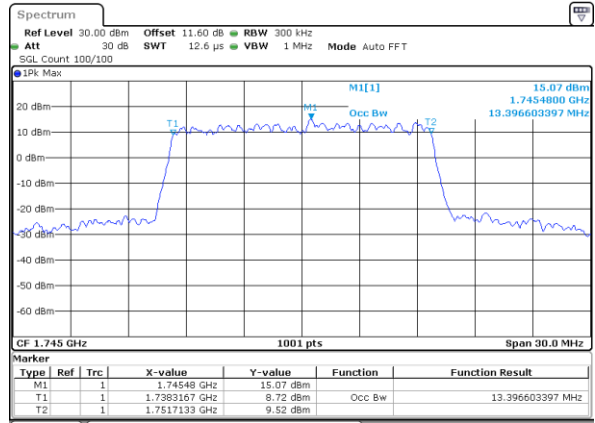
Date: 19_MAY.2023 12:21:02

Middle Channel / 15MHz / QPSK



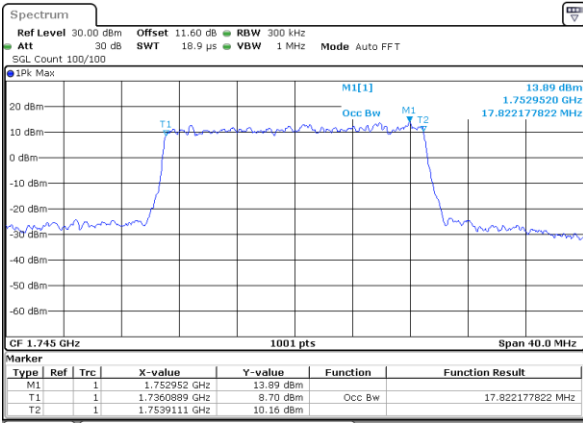
Date: 19_MAY.2023 12:31:56

Middle Channel / 15MHz / 16QAM



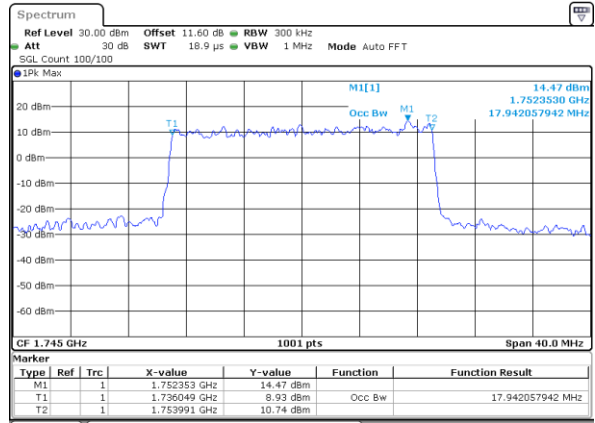
Date: 19_MAY.2023 12:32:26

Middle Channel / 20MHz / QPSK



Date: 19_MAY.2023 12:38:11

Middle Channel / 20MHz / 16QAM

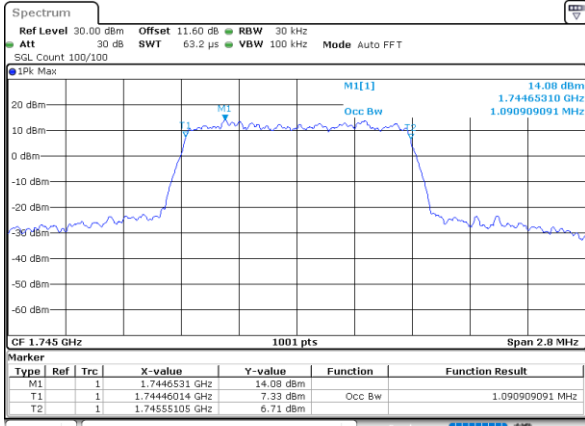


Date: 19_MAY.2023 12:38:41



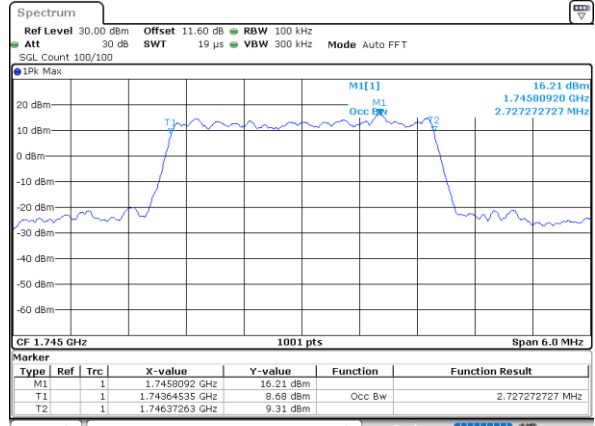
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



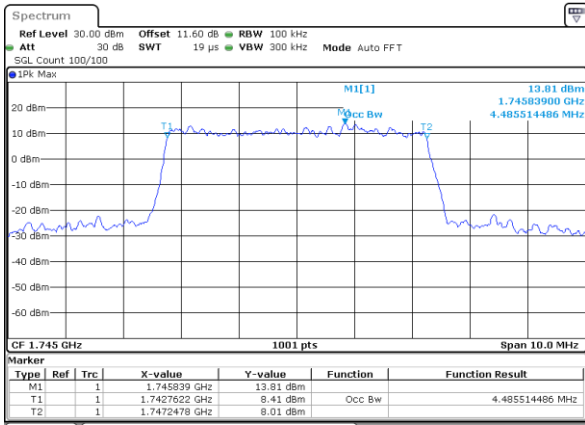
Date: 19.MAY.2023 11:58:00

Middle Channel / 3MHz / 64QAM



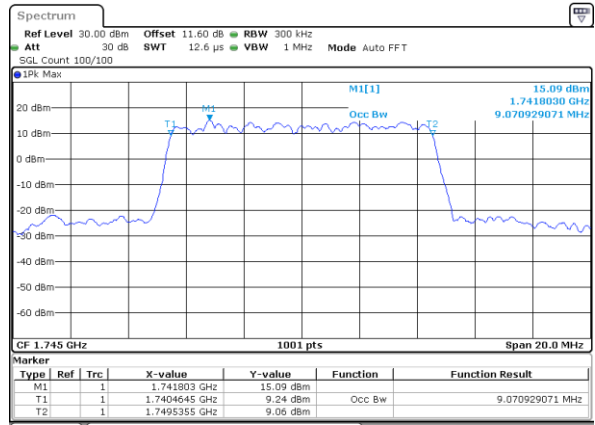
Date: 19.MAY.2023 12:07:49

Middle Channel / 5MHz / 64QAM



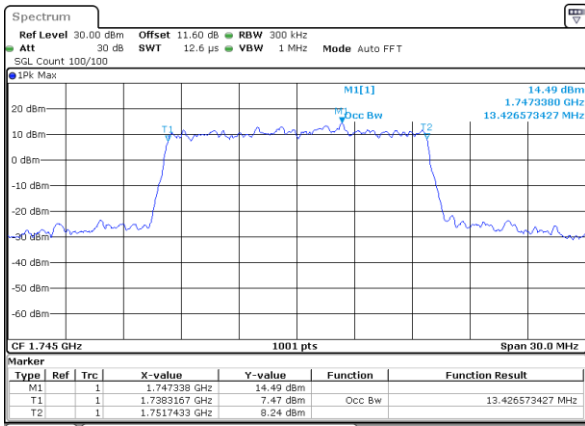
Date: 19.MAY.2023 12:10:56

Middle Channel / 10MHz / 64QAM



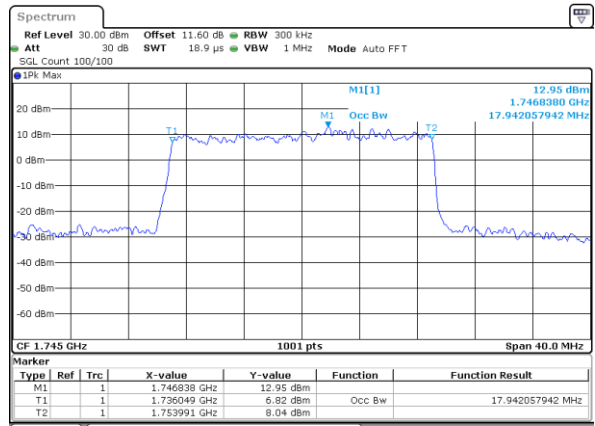
Date: 19.MAY.2023 12:25:28

Middle Channel / 15MHz / 64QAM



Date: 19.MAY.2023 12:28:15

Middle Channel / 20MHz / 64QAM



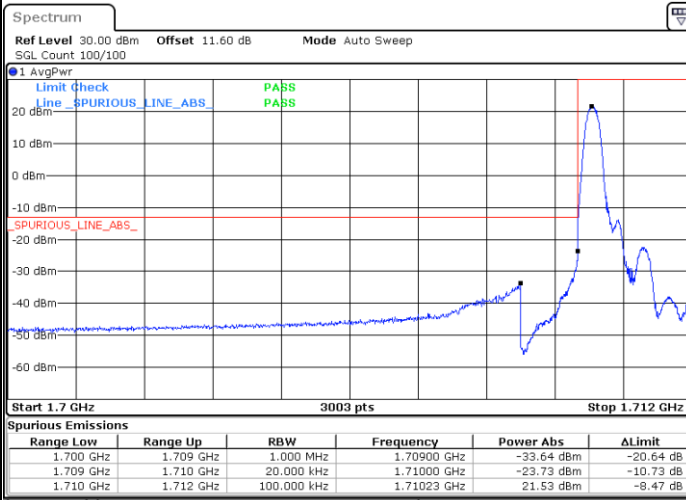
Date: 19.MAY.2023 12:43:07



Conducted Band Edge

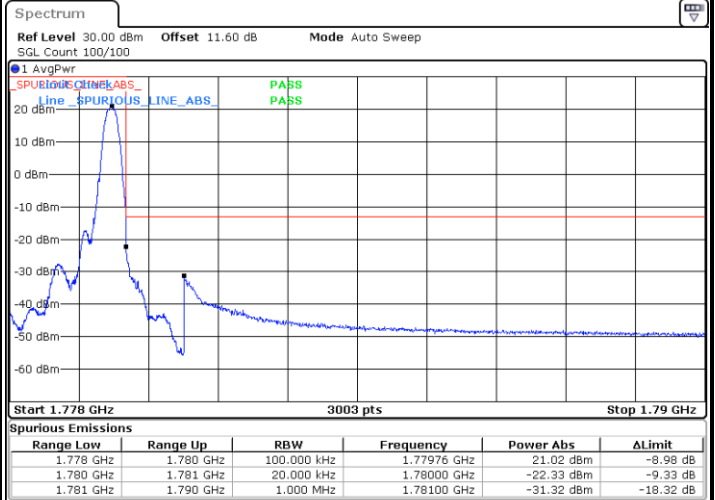
LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



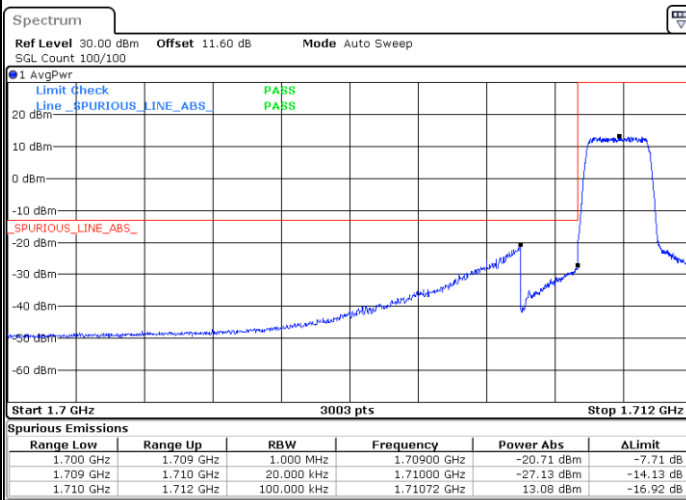
Date: 26.MAY.2023 00:58:11

Highest Band Edge / 1RB



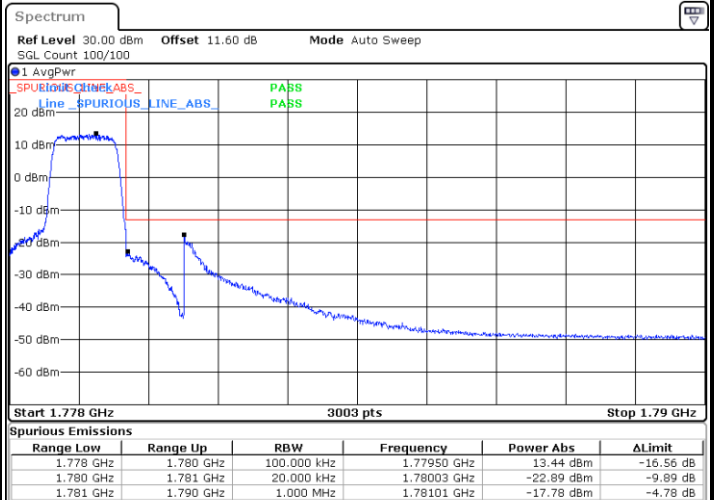
Date: 19.MAY.2023 11:51:24

Lowest Band Edge / Full RB



Date: 19.MAY.2023 11:45:12

Highest Band Edge / Full RB

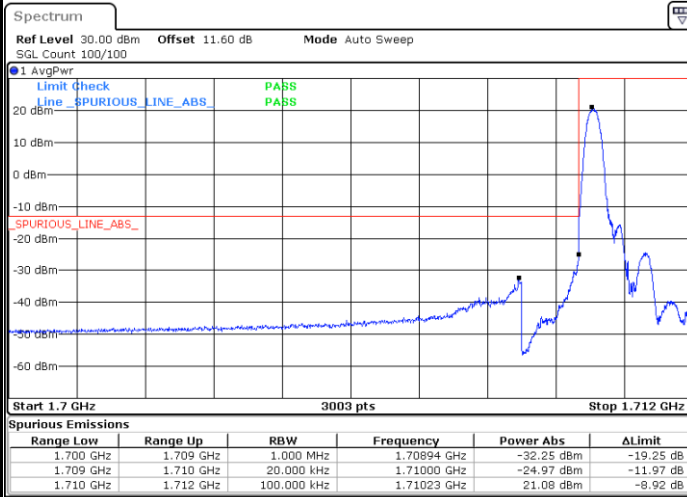


Date: 19.MAY.2023 11:53:23



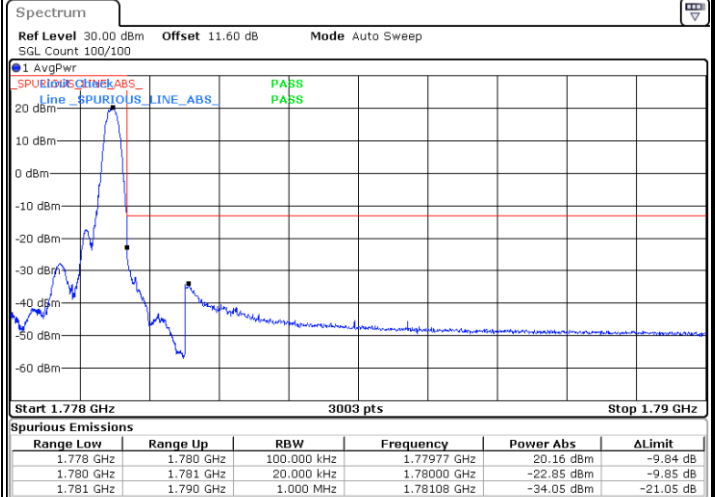
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



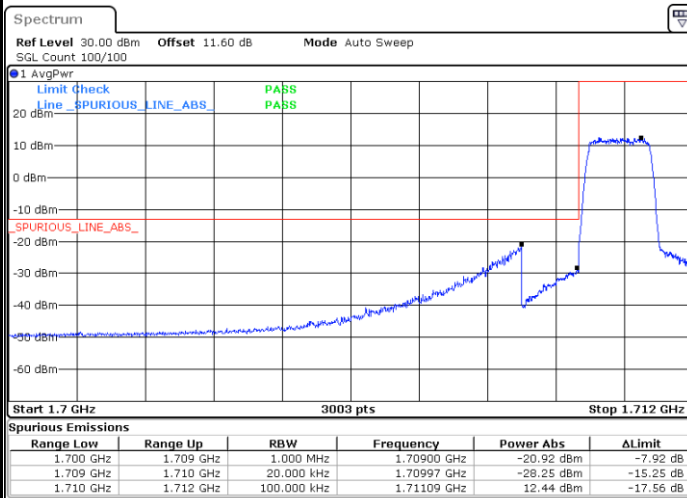
Date: 19.MAY.2023 11:44:12

Highest Band Edge / 1 RB



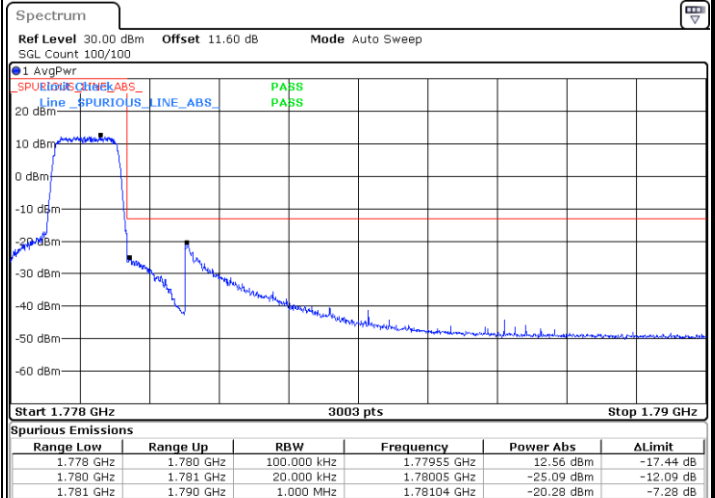
Date: 19.MAY.2023 11:52:24

Lowest Band Edge / Full RB



Date: 19.MAY.2023 11:46:11

Highest Band Edge / Full RB

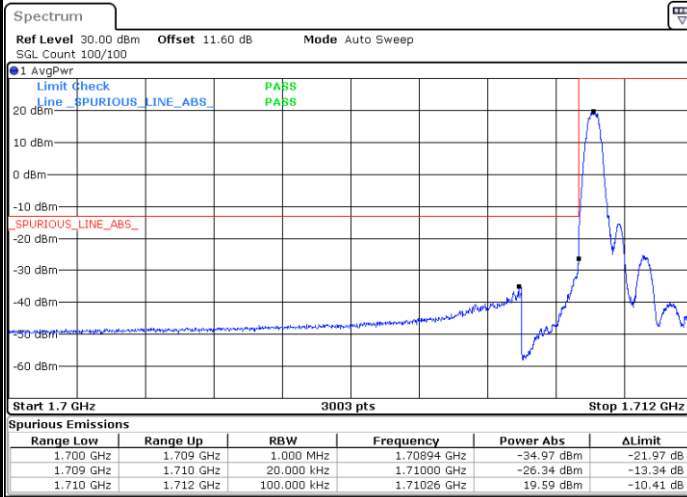


Date: 19.MAY.2023 11:54:23



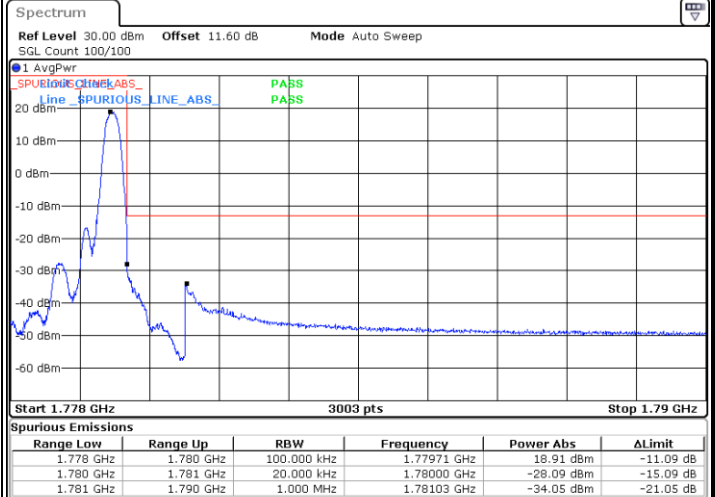
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



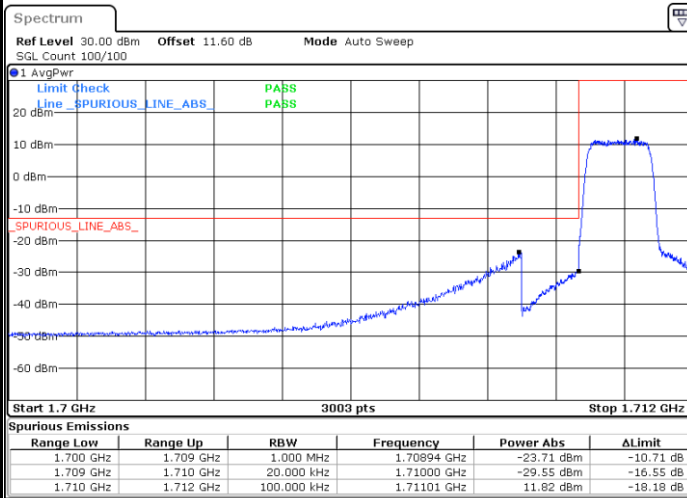
Date: 19.MAY.2023 11:56:31

Highest Band Edge / 1 RB



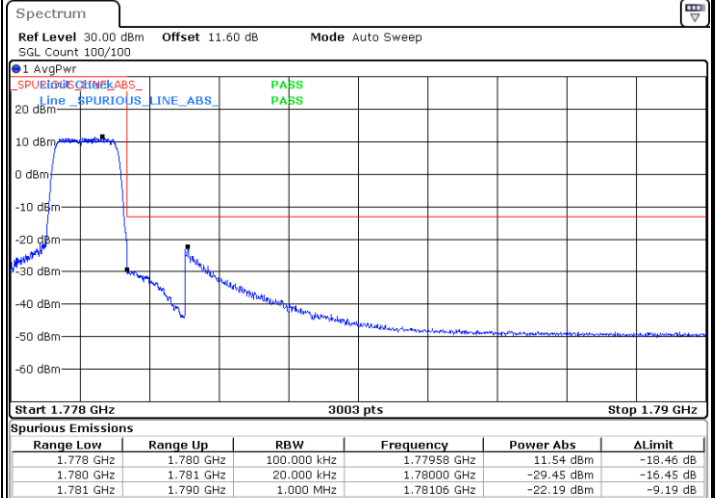
Date: 19.MAY.2023 11:59:13

Lowest Band Edge / Full RB



Date: 19.MAY.2023 11:57:30

Highest Band Edge / Full RB

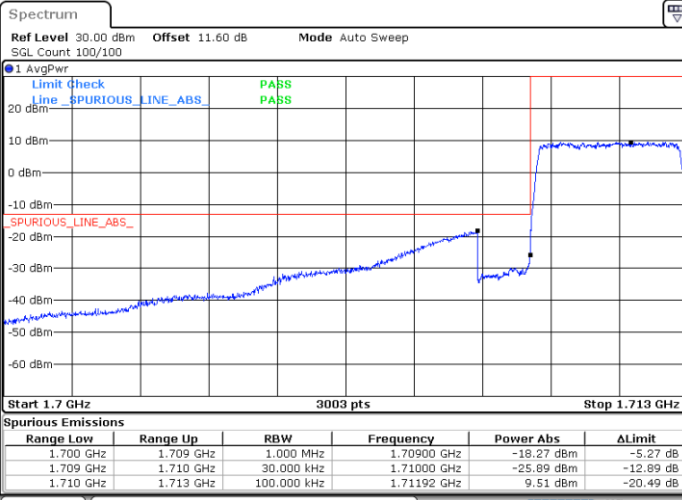


Date: 19.MAY.2023 12:00:12

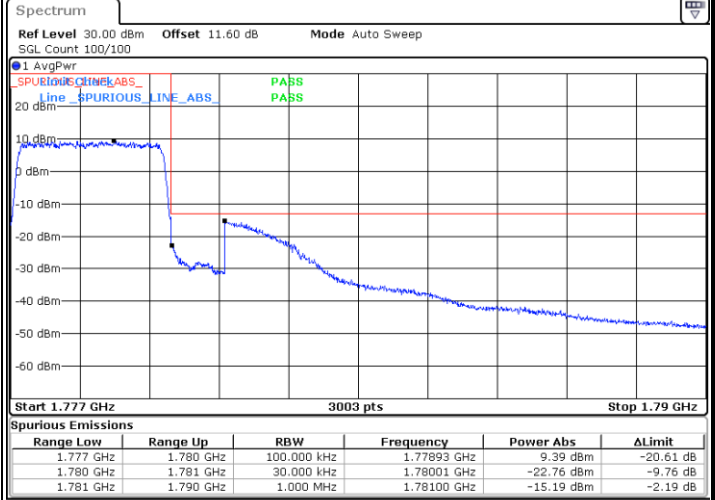


LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / Full RB

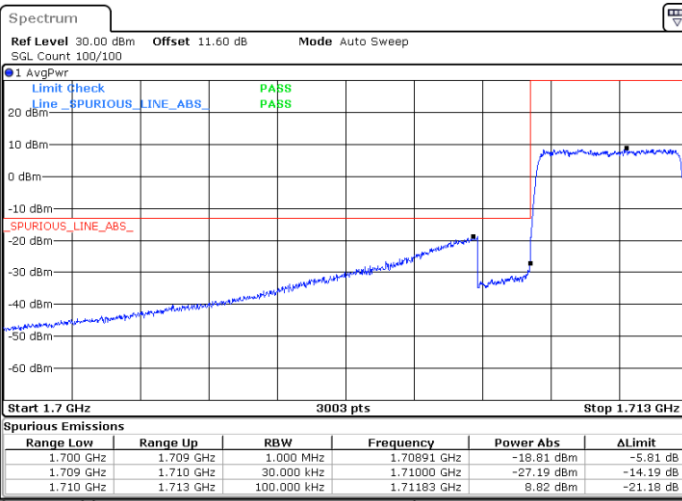


Highest Band Edge / Full RB

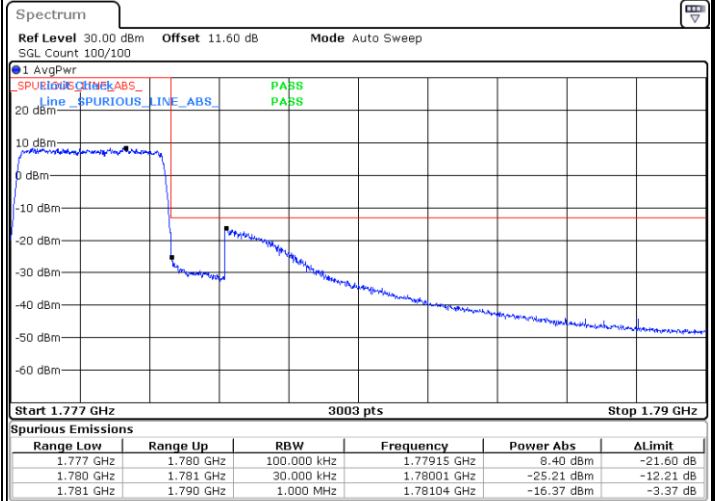


LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

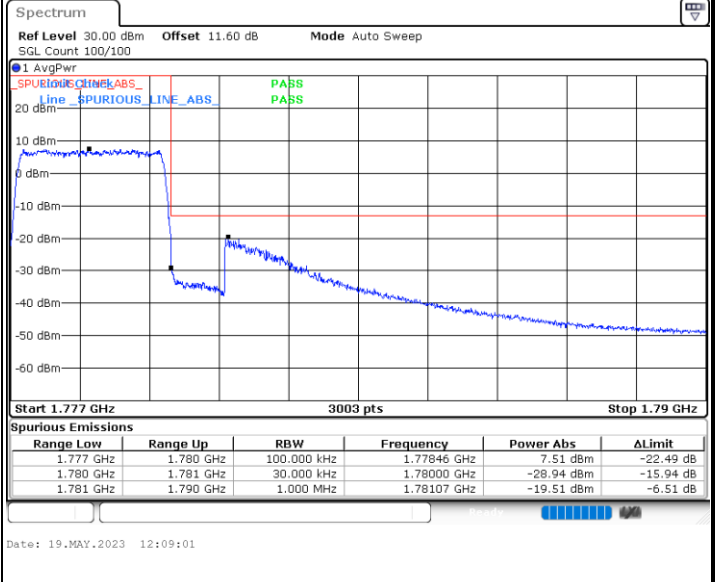
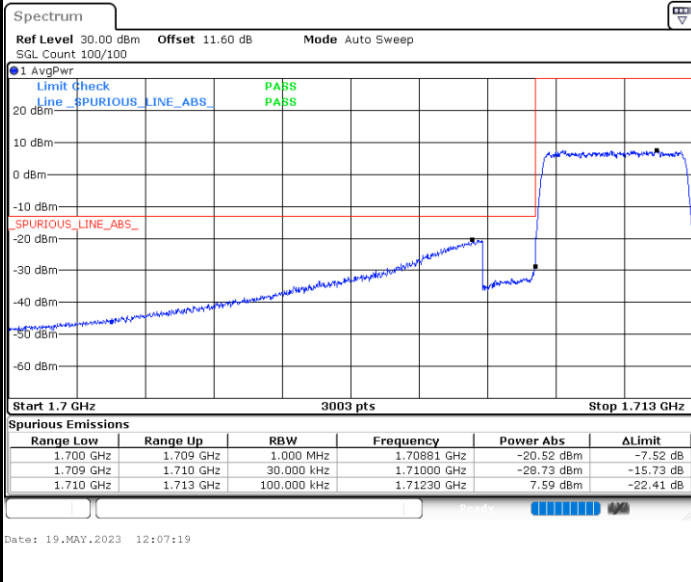




LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / Full RB

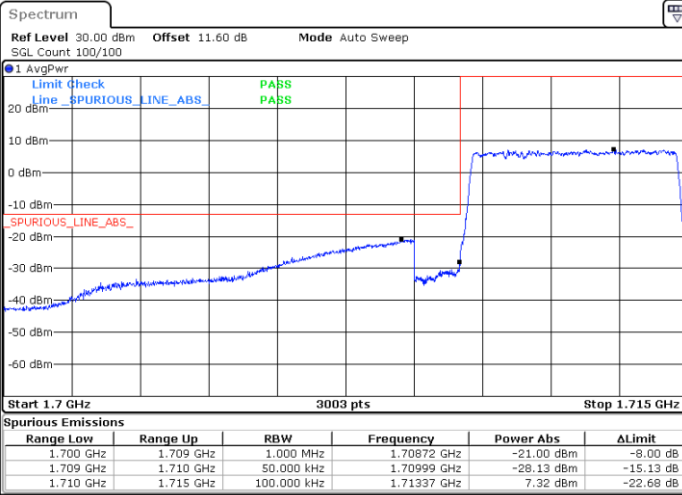
Highest Band Edge / Full RB





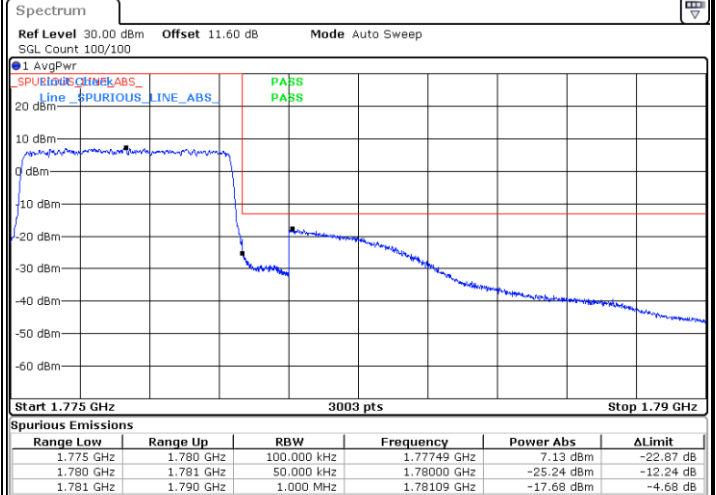
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB



Date: 19.MAY.2023 12:12:48

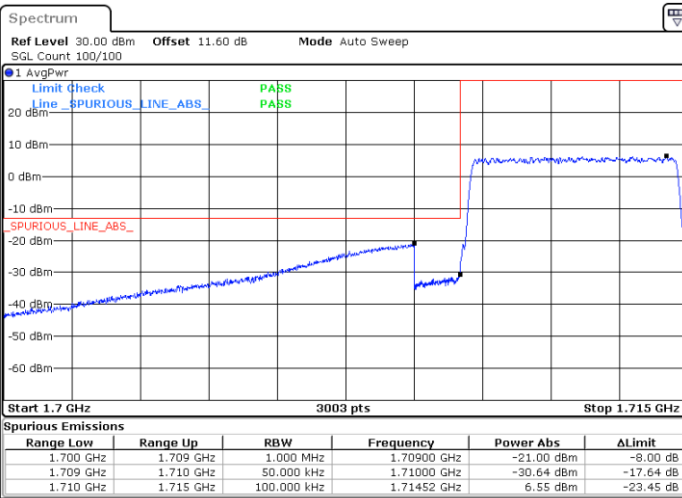
Highest Band Edge / Full RB



Date: 19.MAY.2023 12:16:44

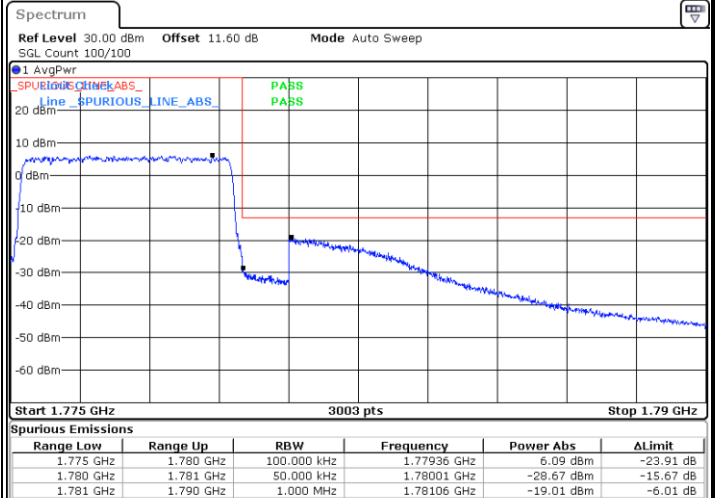
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / Full RB



Date: 19.MAY.2023 12:13:47

Highest Band Edge / Full RB



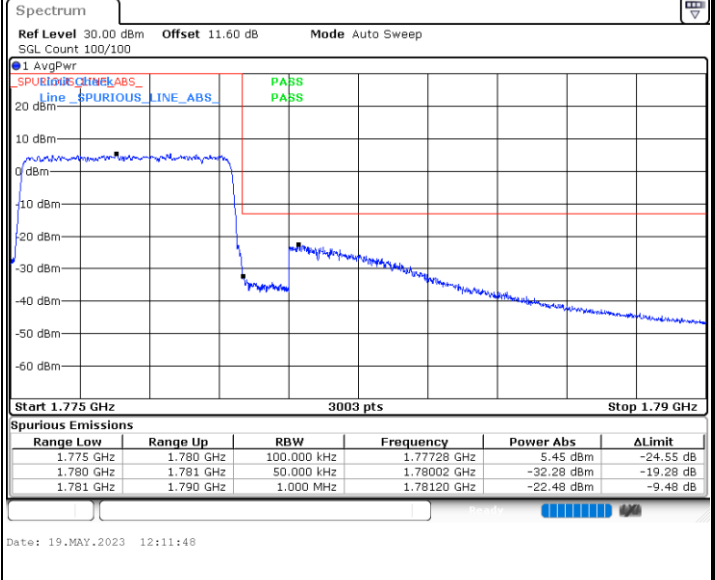
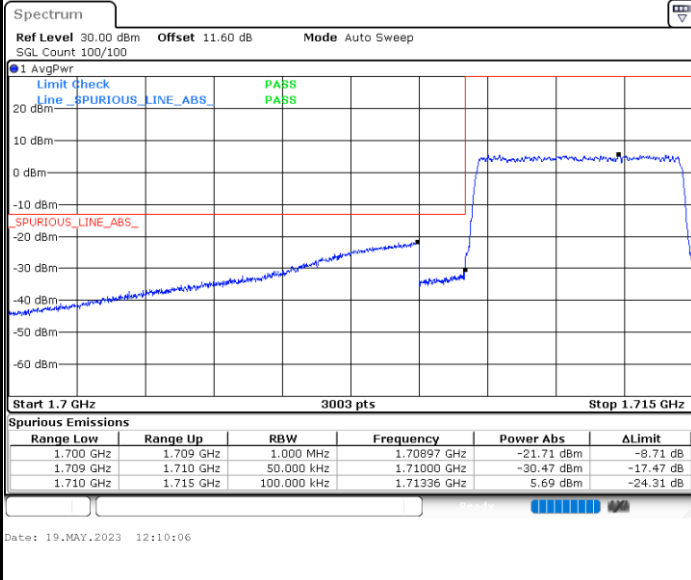
Date: 19.MAY.2023 12:17:44



LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / Full RB

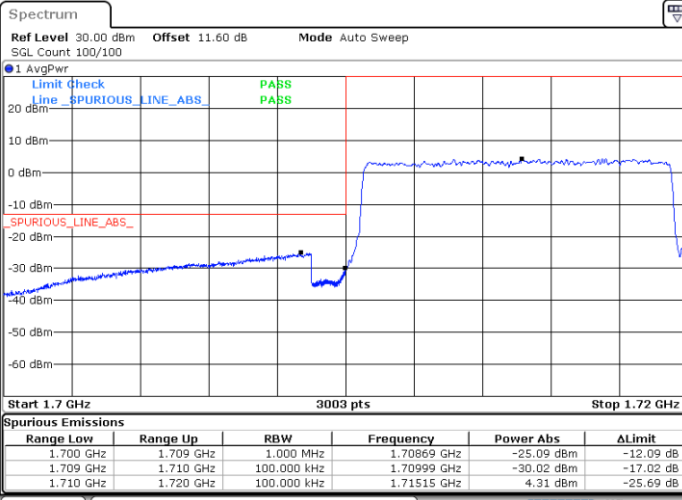
Highest Band Edge / Full RB



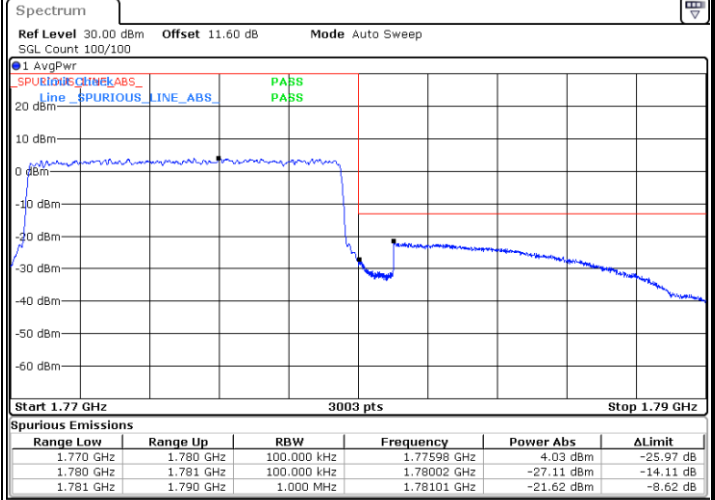


LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / Full RB

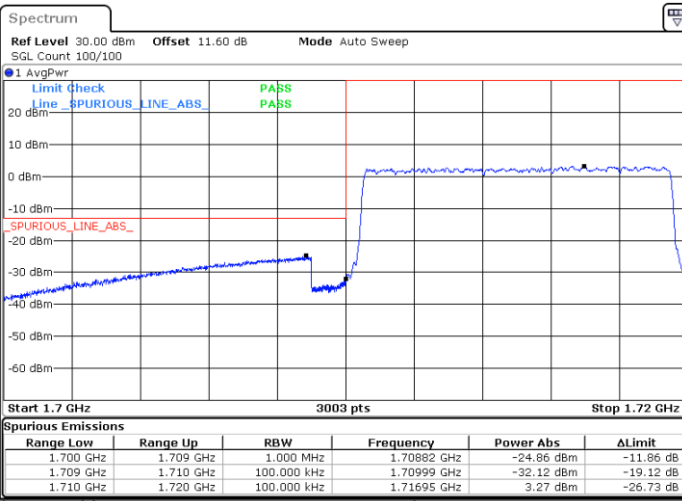


Highest Band Edge / Full RB

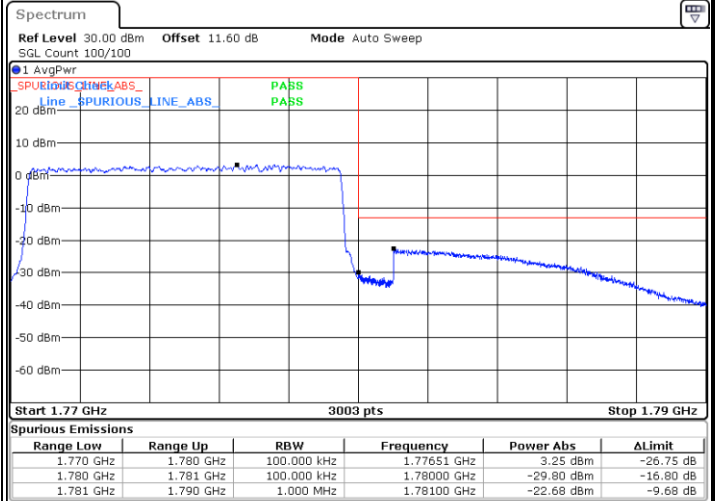


LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

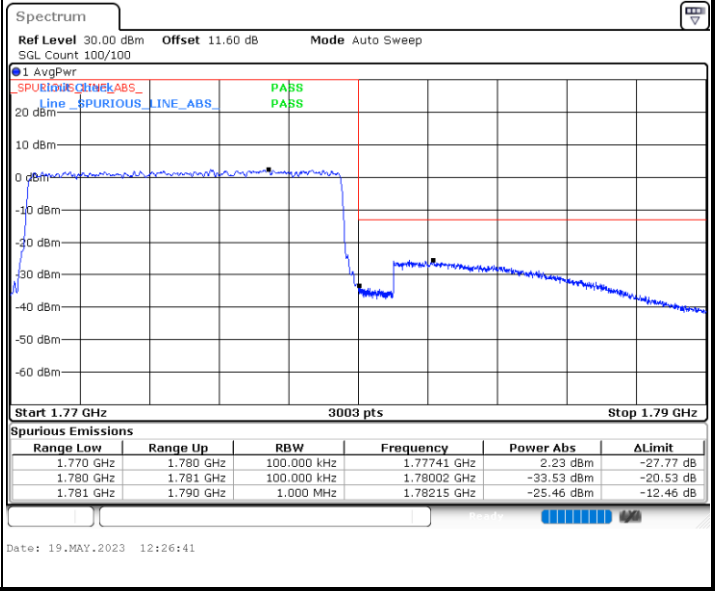
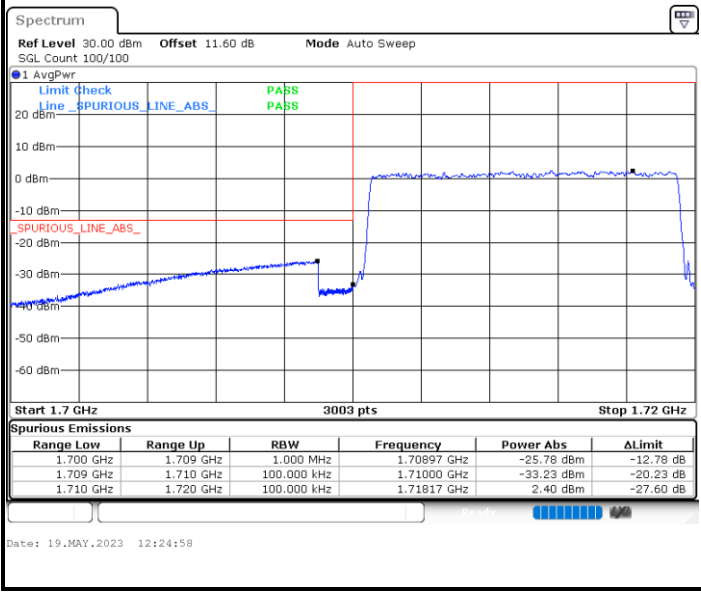




LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / Full RB

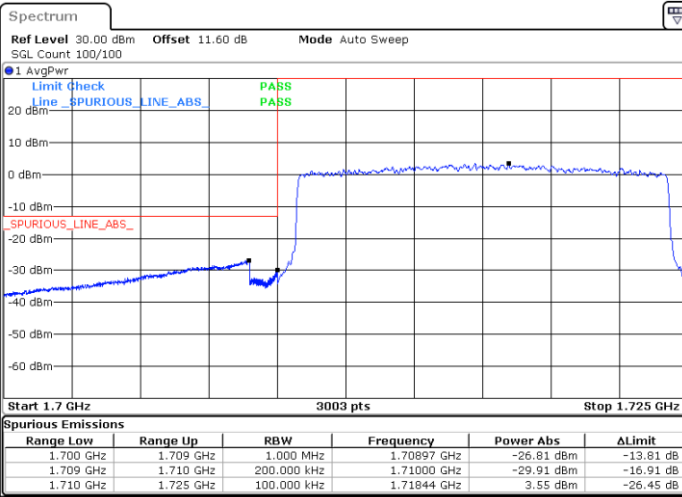
Highest Band Edge / Full RB





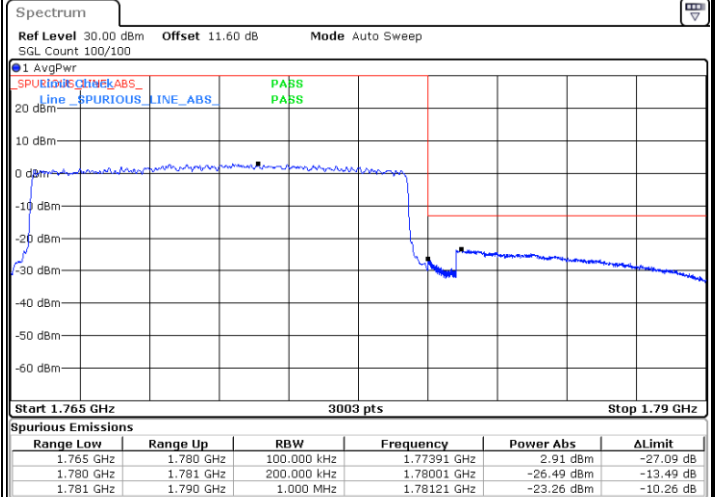
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 19.MAY.2023 12:30:27

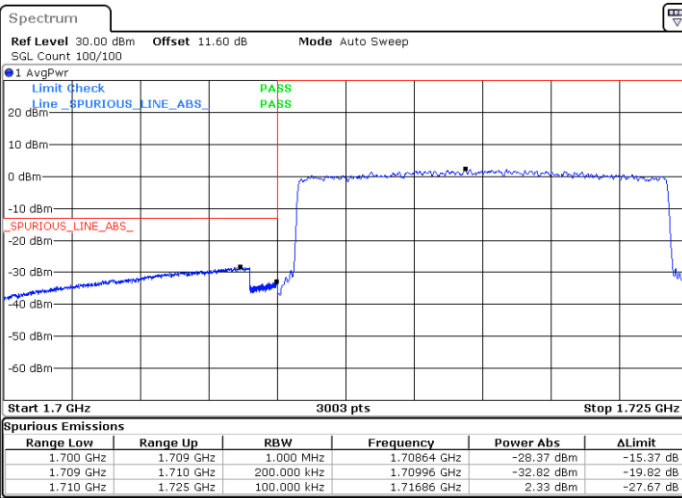
Highest Band Edge / Full RB



Date: 19.MAY.2023 12:34:23

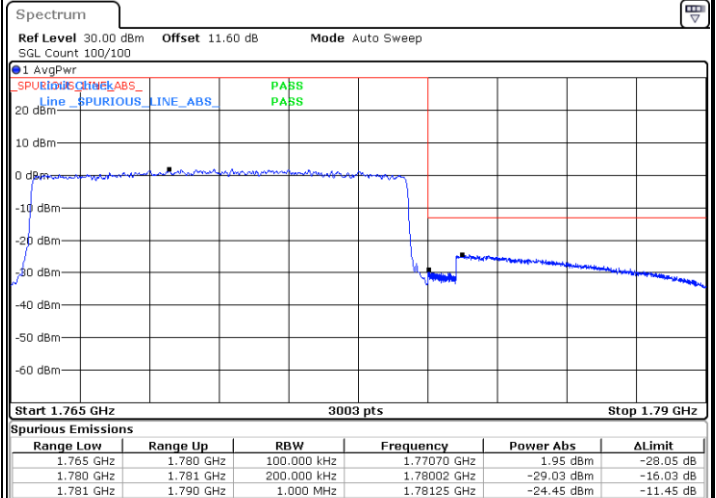
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 19.MAY.2023 12:31:26

Highest Band Edge / Full RB



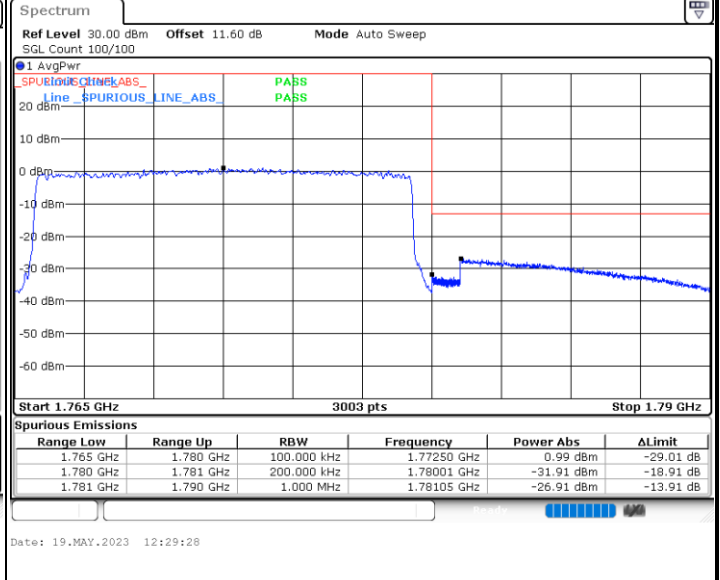
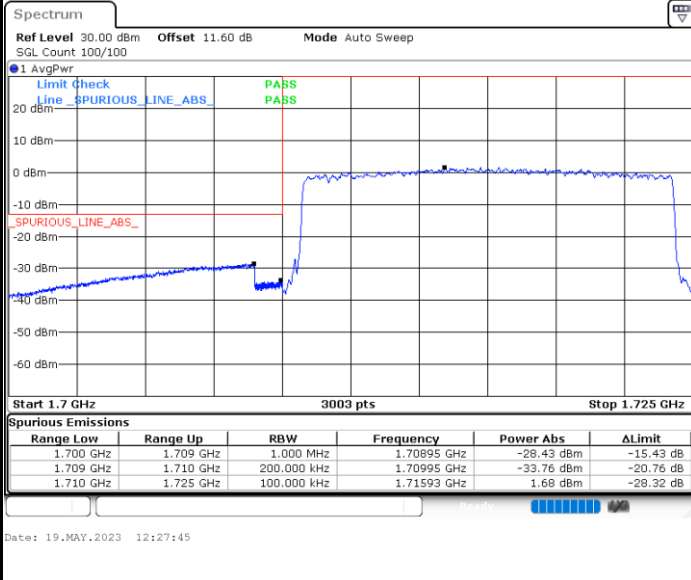
Date: 19.MAY.2023 12:35:22



LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / Full RB

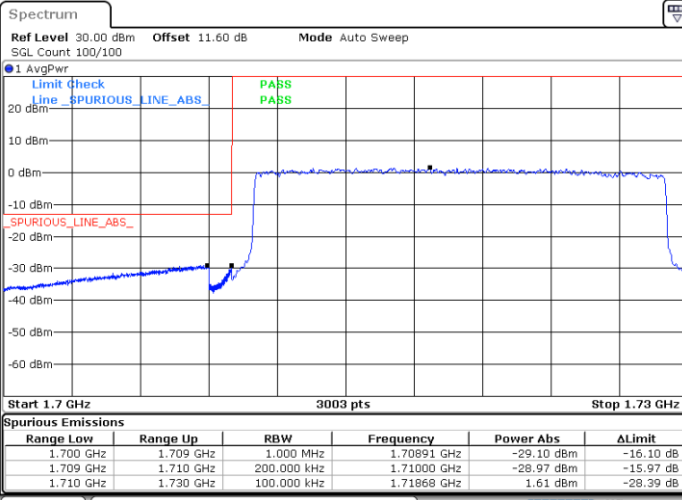
Highest Band Edge / Full RB





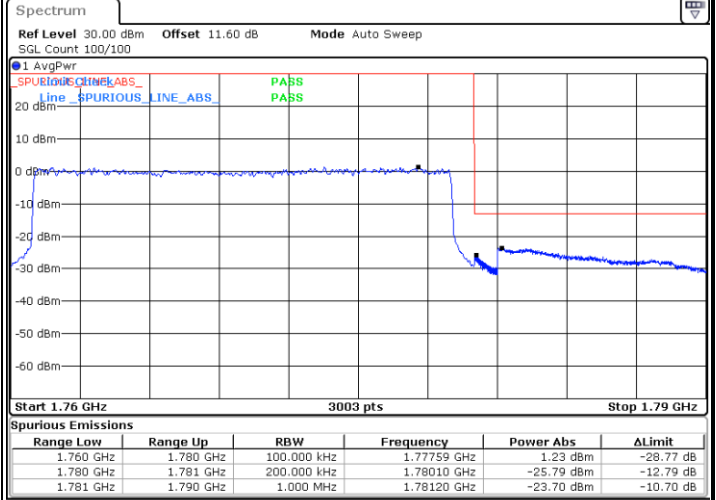
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / Full RB



Date: 19.MAY.2023 12:36:41

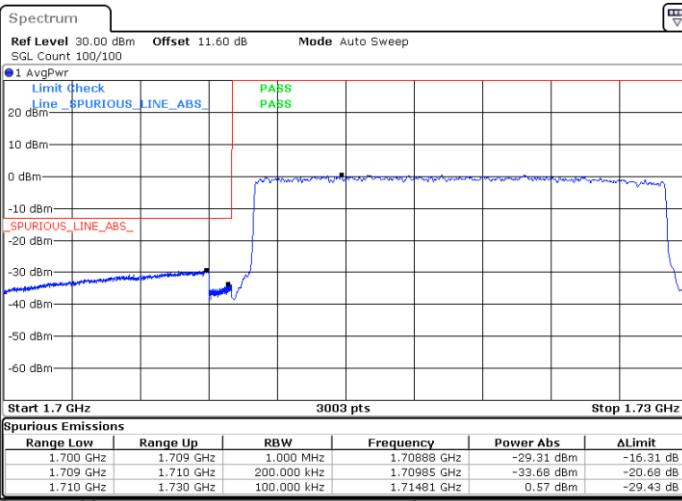
Highest Band Edge / Full RB



Date: 19.MAY.2023 12:40:38

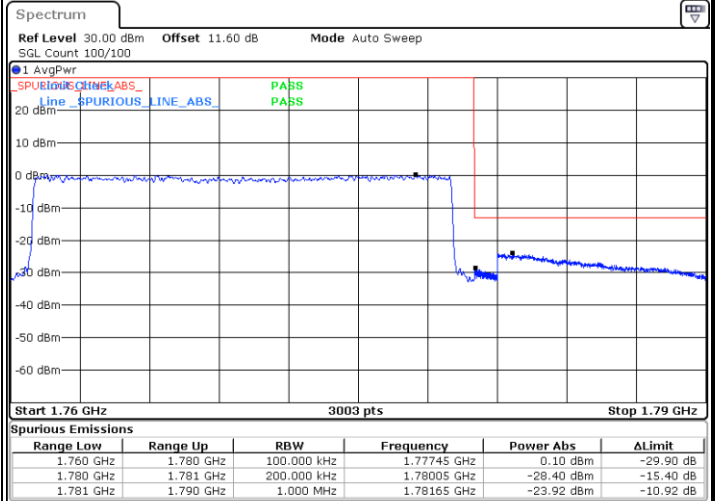
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Date: 19.MAY.2023 12:37:41

Highest Band Edge / Full RB



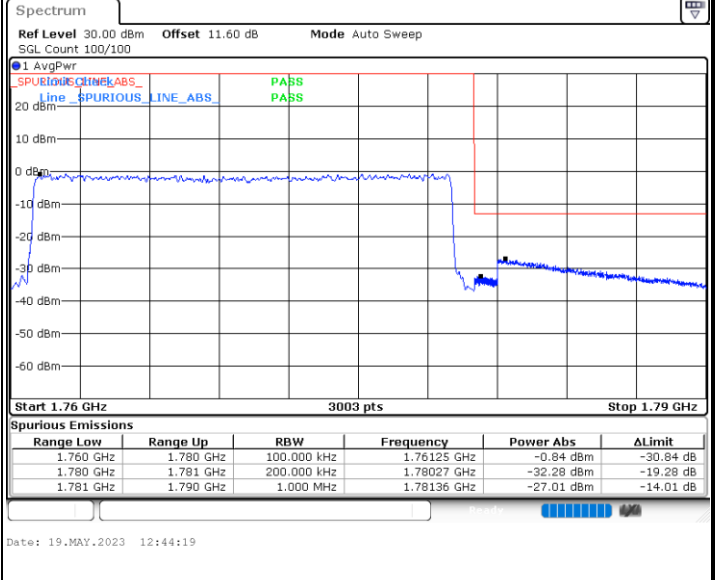
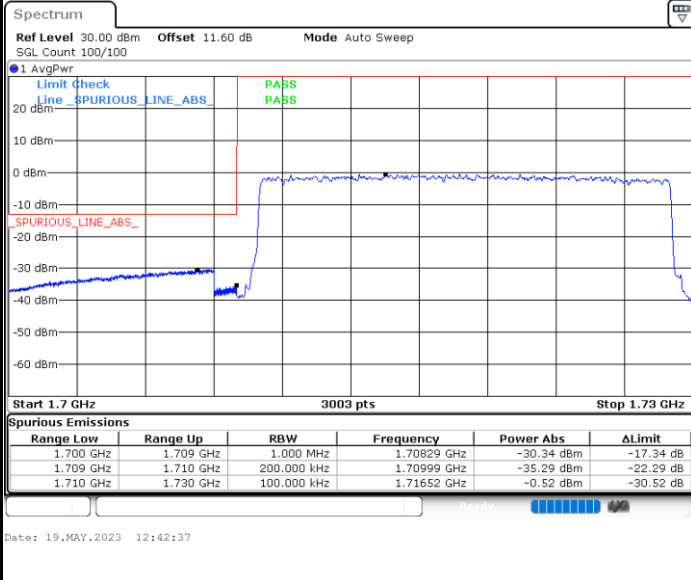
Date: 19.MAY.2023 12:41:37



LTE Band 66 / 20MHz / 64QAM

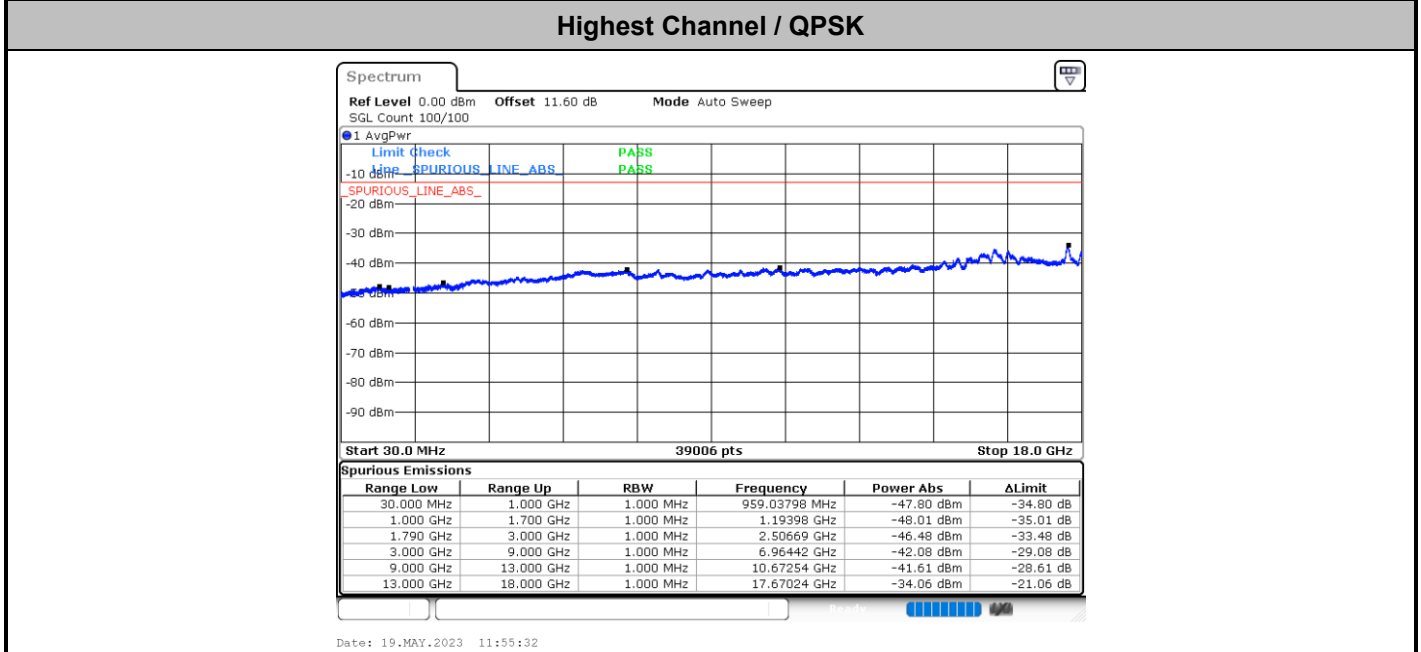
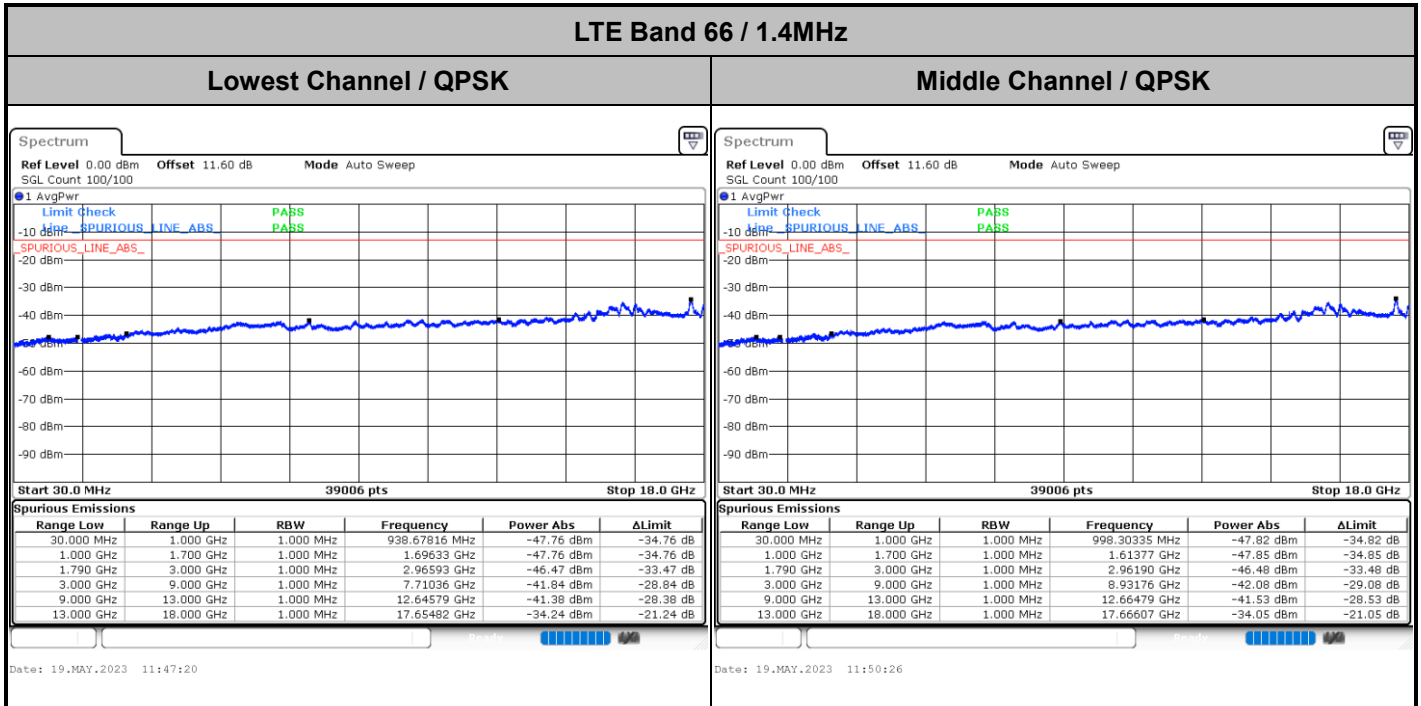
Lowest Band Edge / Full RB

Highest Band Edge / Full RB





Conducted Spurious Emission

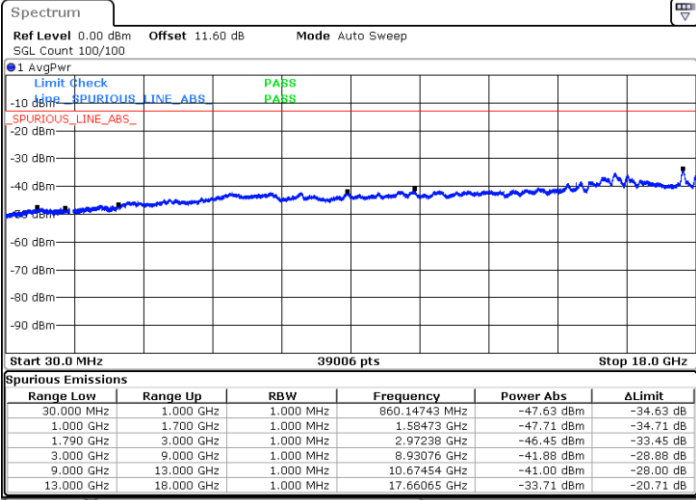




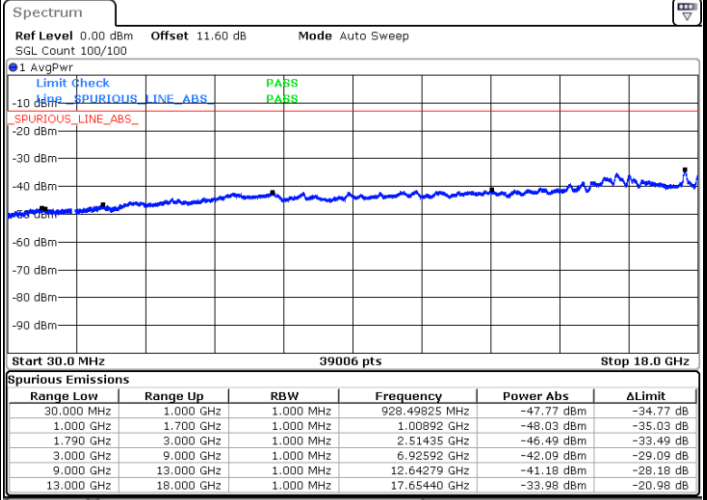
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

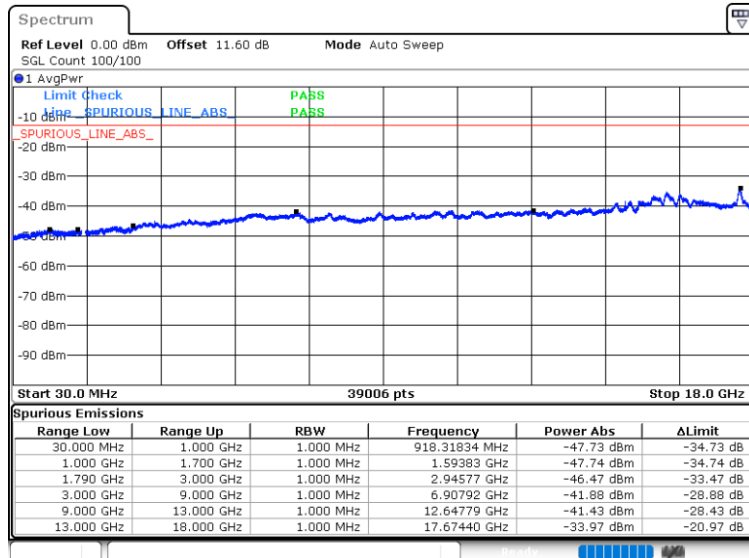


Date: 19.MAY.2023 12:47:05



Date: 19.MAY.2023 12:48:14

Highest Channel / QPSK



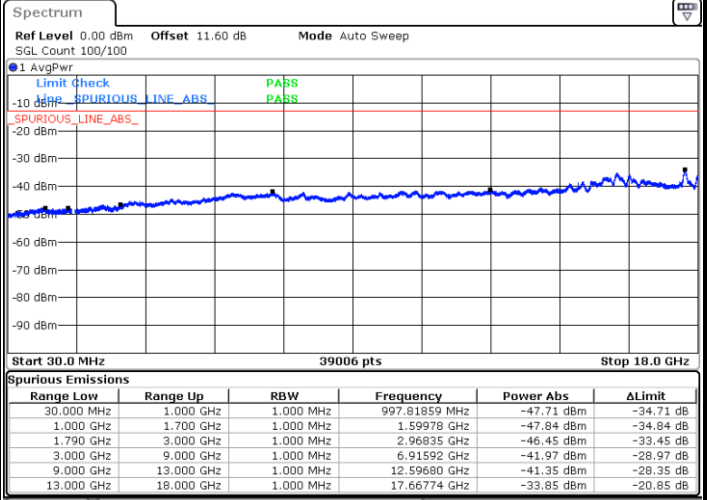
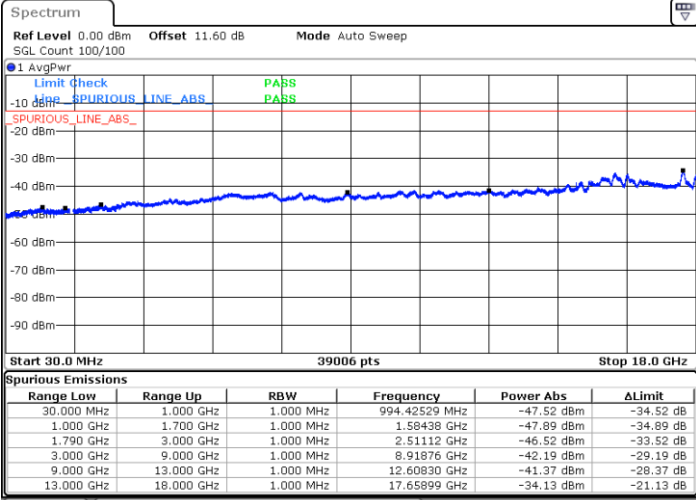
Date: 19.MAY.2023 12:49:22



LTE Band 66 / 5MHz

Lowest Channel / QPSK

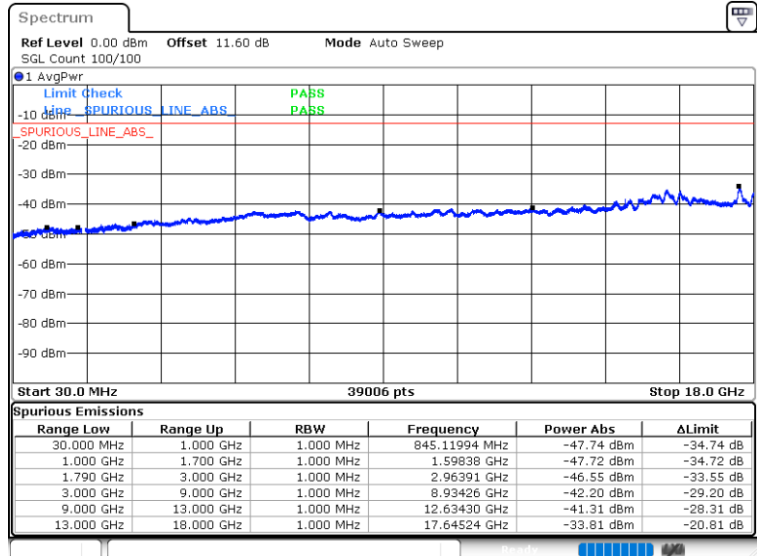
Middle Channel / QPSK



Date: 19.MAY.2023 12:50:35

Date: 19.MAY.2023 12:51:44

Highest Channel / QPSK



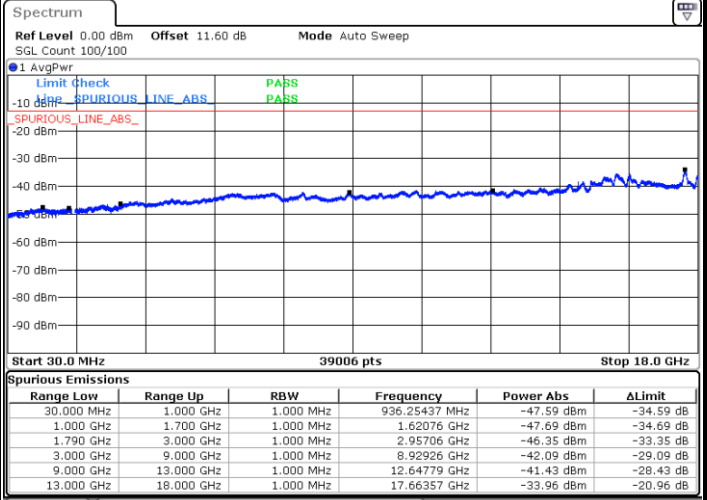
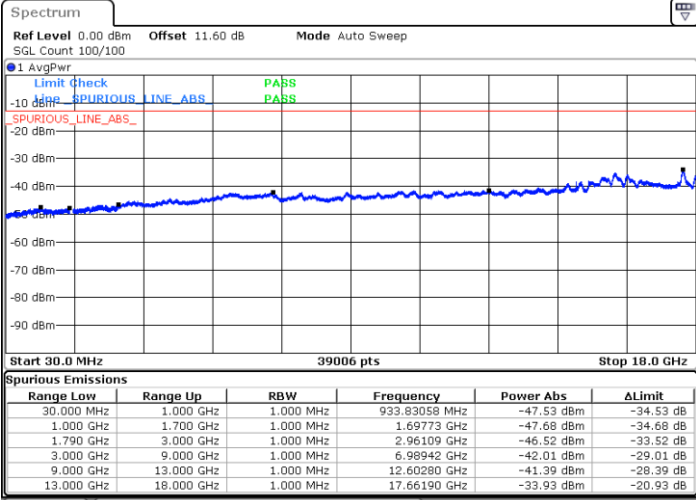
Date: 19.MAY.2023 12:52:52



LTE Band 66 / 10MHz

Lowest Channel / QPSK

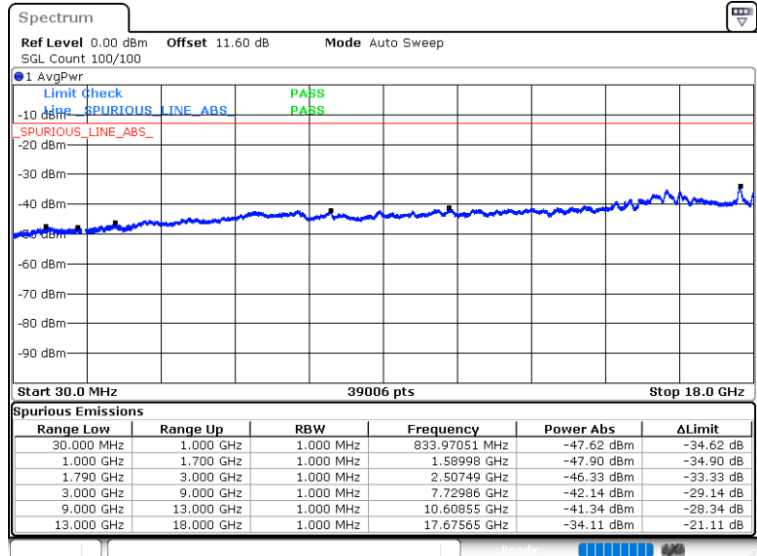
Middle Channel / QPSK



Date: 19.MAY.2023 12:54:05

Date: 19.MAY.2023 12:55:14

Highest Channel / QPSK



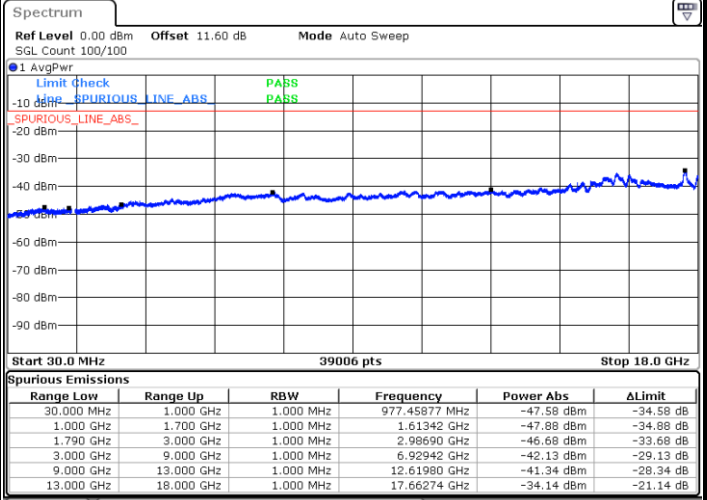
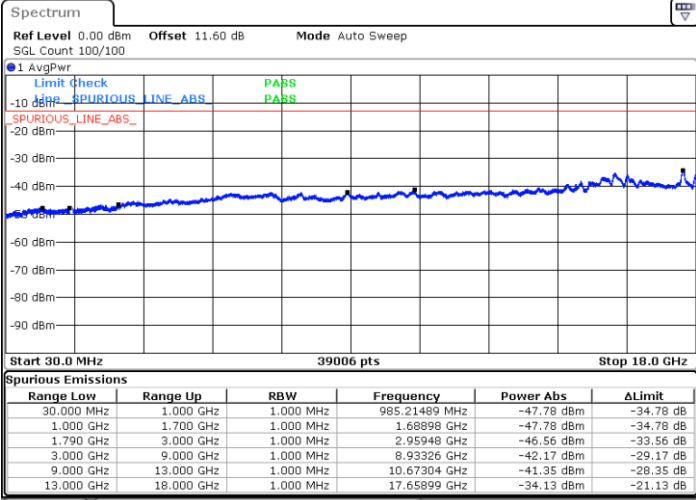
Date: 19.MAY.2023 12:56:22



LTE Band 66 / 15MHz

Lowest Channel / QPSK

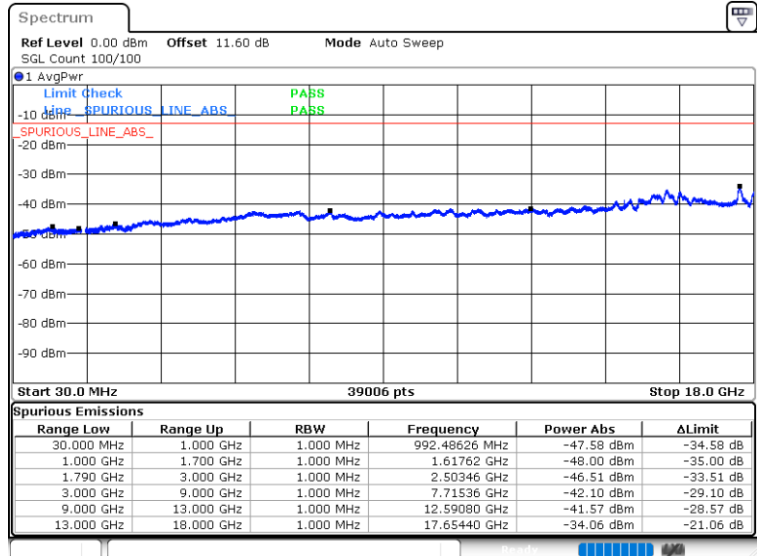
Middle Channel / QPSK



Date: 19.MAY.2023 12:57:35

Date: 19.MAY.2023 12:58:43

Highest Channel / QPSK



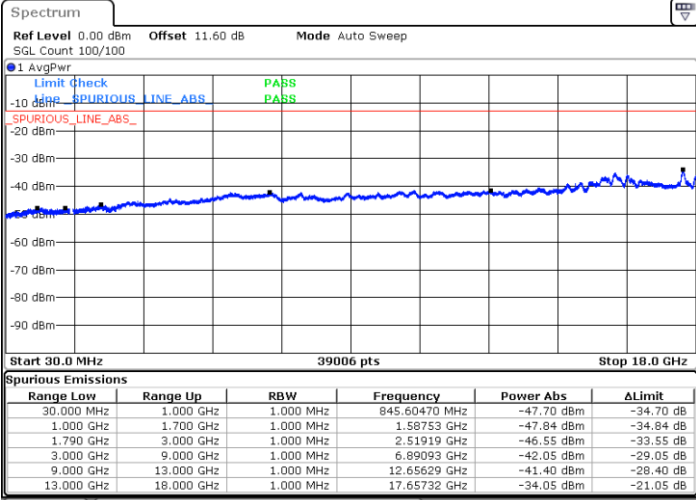
Date: 19.MAY.2023 12:59:51



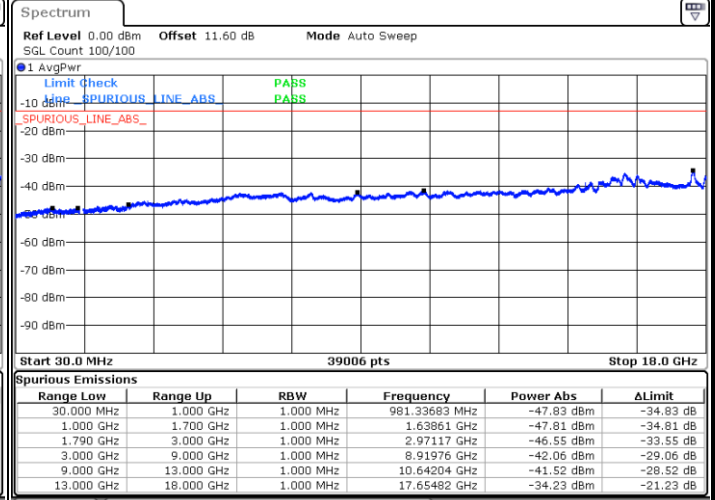
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

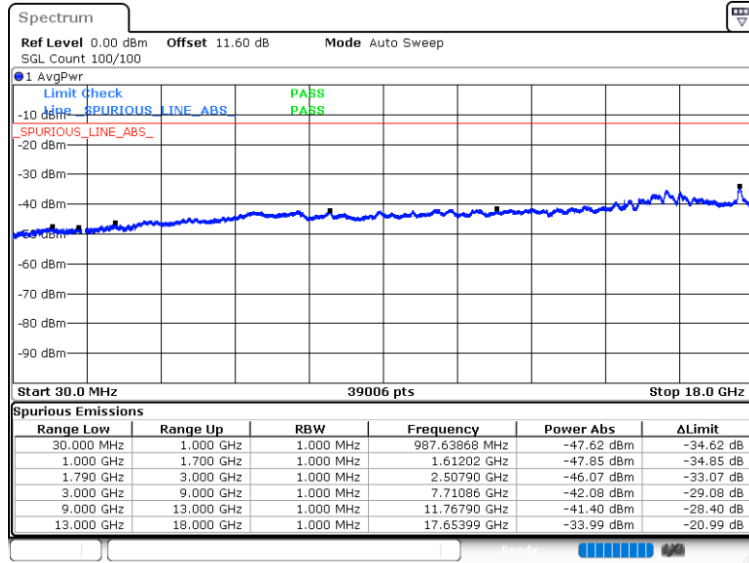


Date: 19.MAY.2023 13:01:05



Date: 19.MAY.2023 13:02:13

Highest Channel / QPSK



Date: 19.MAY.2023 13:03:22



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0044	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0063	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0028	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0022	

Note:

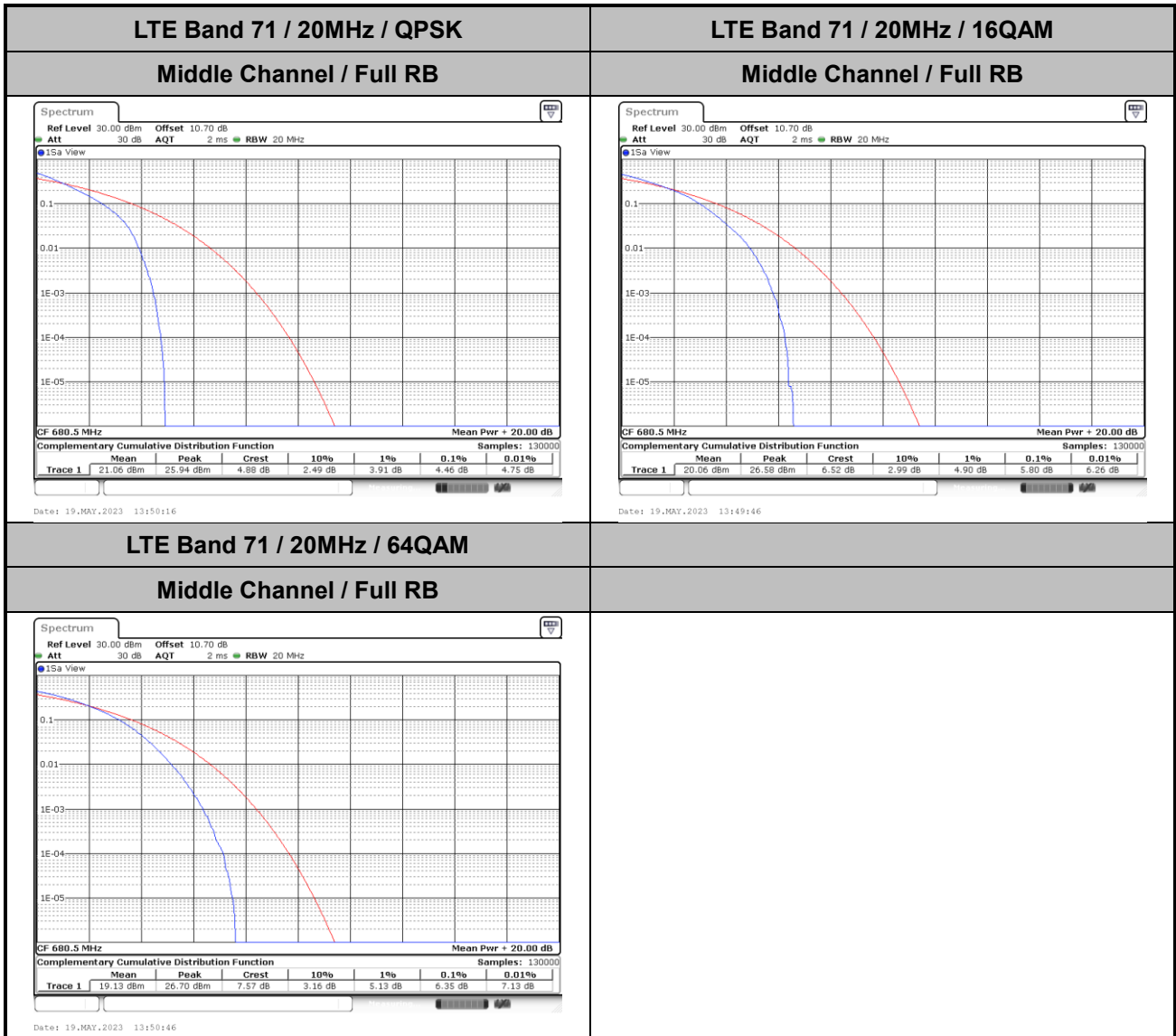
1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.42 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 71

Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.46	5.80	6.35	PASS





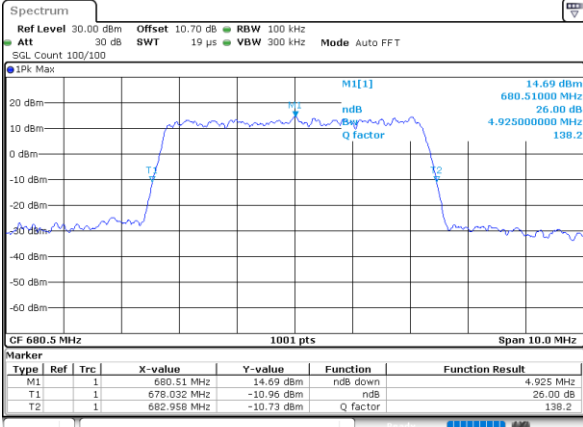
26dB Bandwidth

Mode	LTE Band 71 : 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	-	-	-	-	4.93	4.87	9.65	9.77	14.18	14.18	18.86	19.10
Mode	LTE Band 71 : 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	-	-	-	-	4.88	-	9.77	-	14.48	-	19.02	-



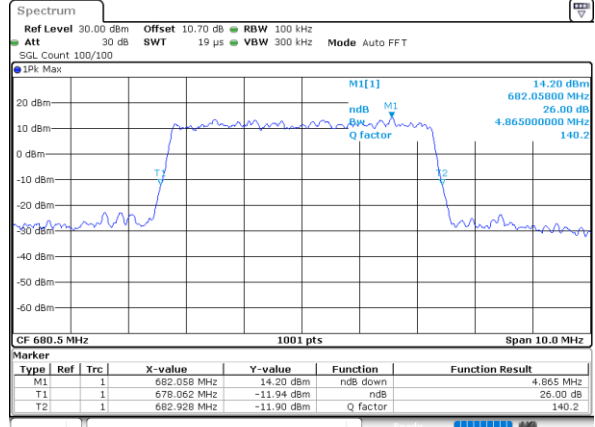
LTE Band 71

Middle Channel / 5MHz / QPSK



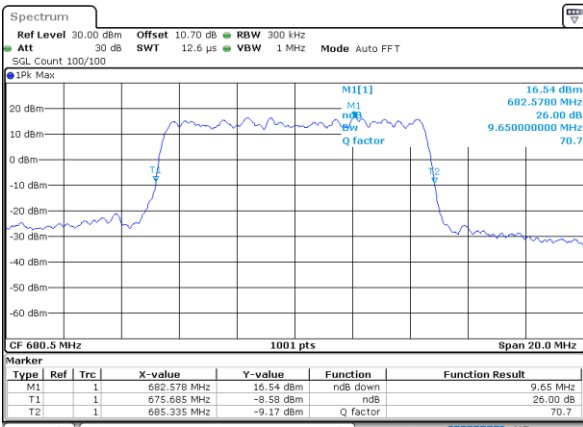
Date: 19.MAY.2023 13:11:55

Middle Channel / 5MHz / 16QAM



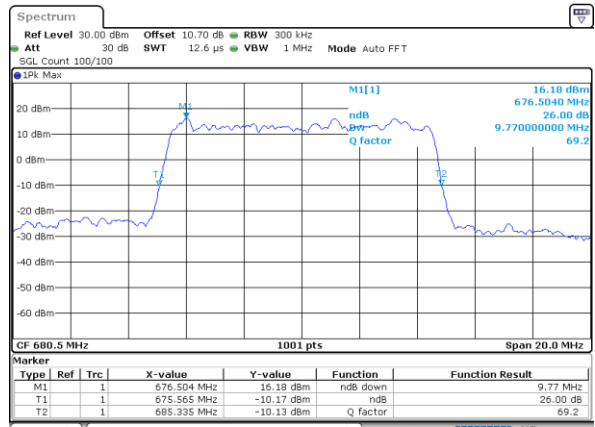
Date: 19.MAY.2023 13:12:24

Middle Channel / 10MHz / QPSK



Date: 19.MAY.2023 13:26:47

Middle Channel / 10MHz / 16QAM

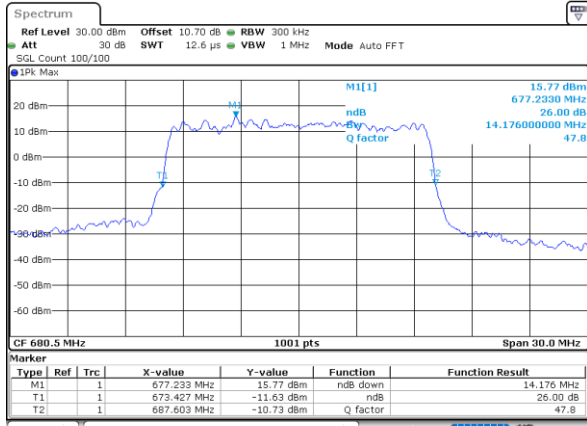


Date: 19.MAY.2023 13:27:16



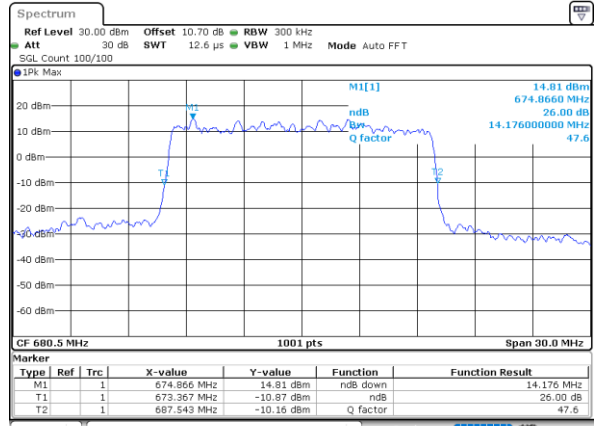
LTE Band 71

Middle Channel / 15MHz / QPSK



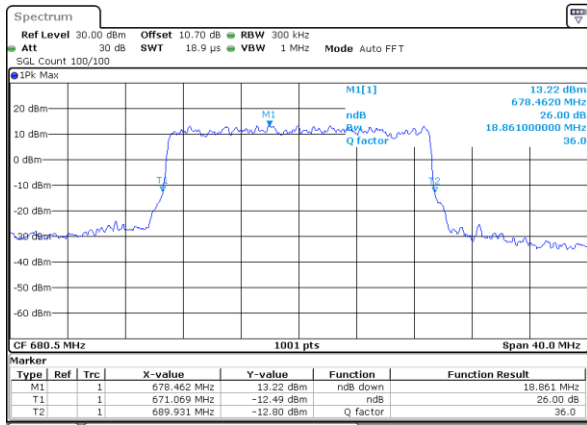
Date: 19.MAY.2023 13:35:25

Middle Channel / 15MHz / 16QAM



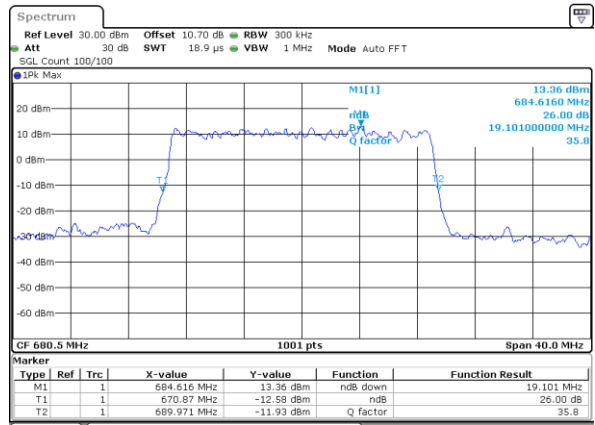
Date: 19.MAY.2023 13:35:54

Middle Channel / 20MHz / QPSK



Date: 19.MAY.2023 13:44:04

Middle Channel / 20MHz / 16QAM

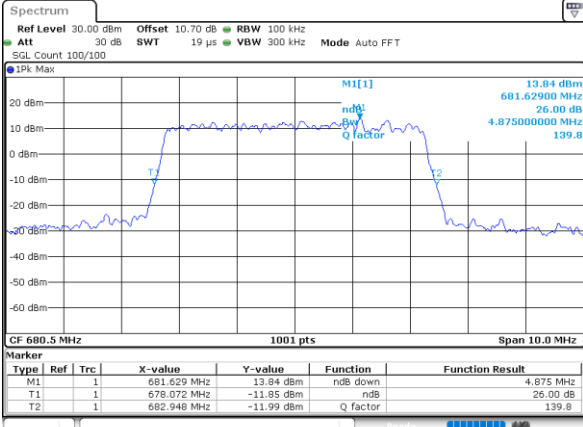


Date: 19.MAY.2023 13:44:33

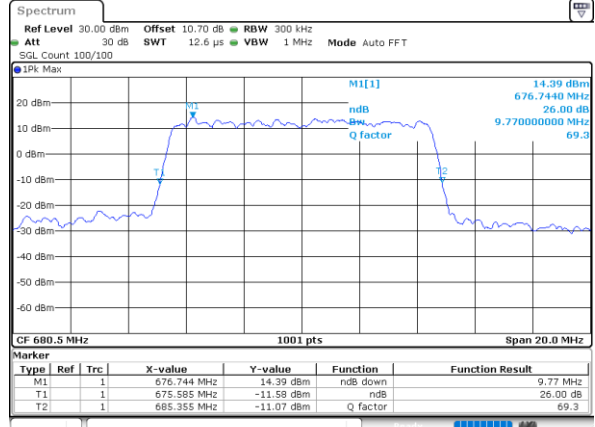


LTE Band 71

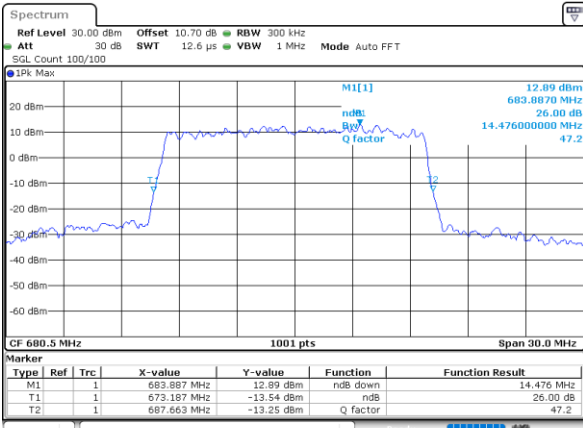
Middle Channel / 5MHz / 64QAM



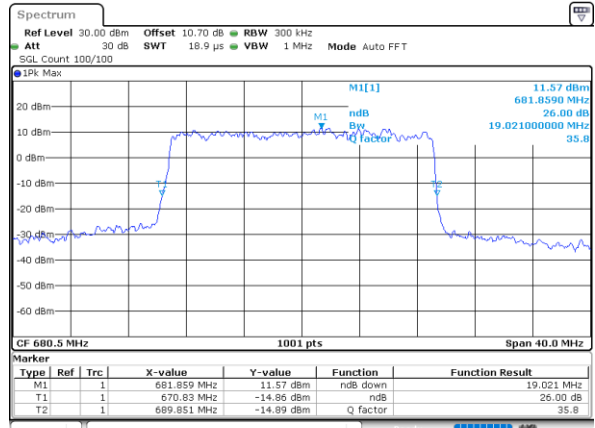
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM





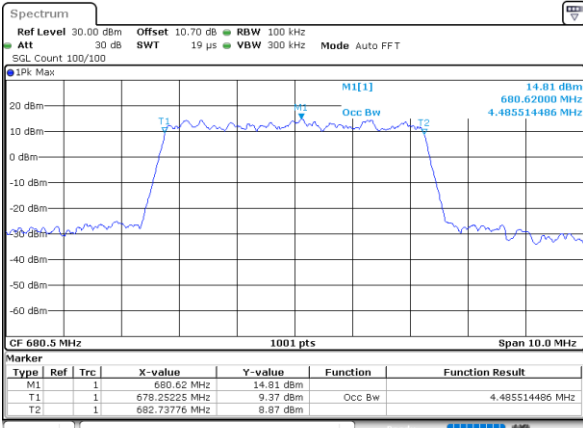
Occupied Bandwidth

Mode	LTE Band 71 : 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	-	-	-	-	4.49	4.48	9.03	9.03	13.43	13.37	17.98	17.82
Mode	LTE Band 71 : 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	-	-	-	-	4.49	-	9.07	-	13.40	-	17.86	-



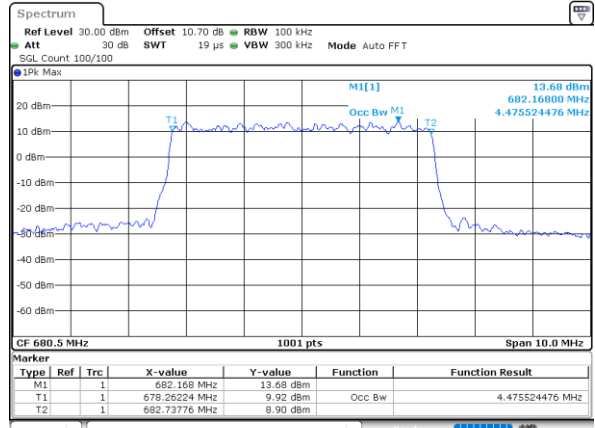
LTE Band 71

Middle Channel / 5MHz / QPSK



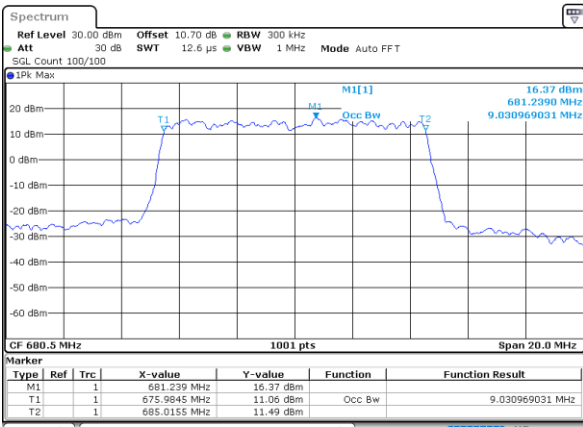
Date: 19.MAY.2023 13:10:57

Middle Channel / 5MHz / 16QAM



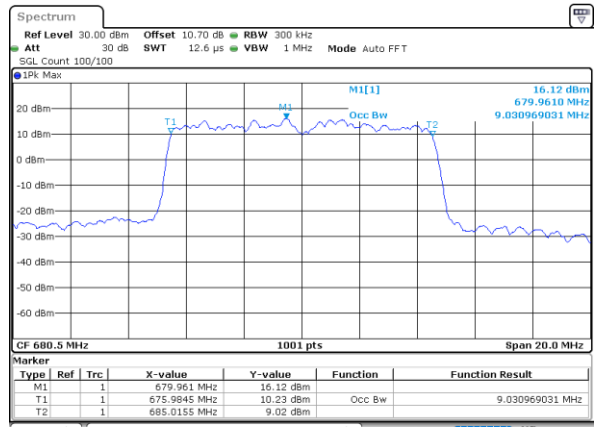
Date: 19.MAY.2023 13:11:26

Middle Channel / 10MHz / QPSK



Date: 19.MAY.2023 13:25:49

Middle Channel / 10MHz / 16QAM

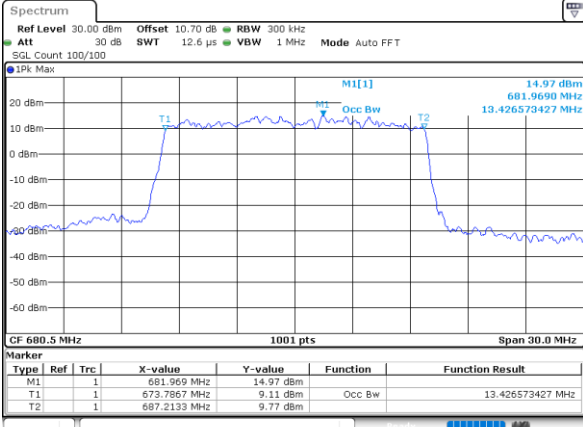


Date: 19.MAY.2023 13:26:18



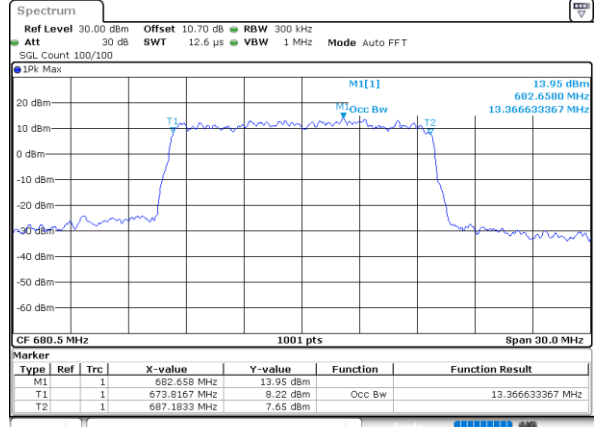
LTE Band 71

Middle Channel / 15MHz / QPSK



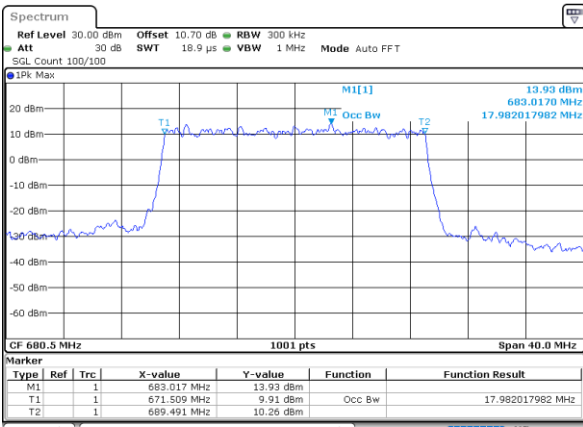
Date: 19.MAY.2023 13:34:20

Middle Channel / 15MHz / 16QAM



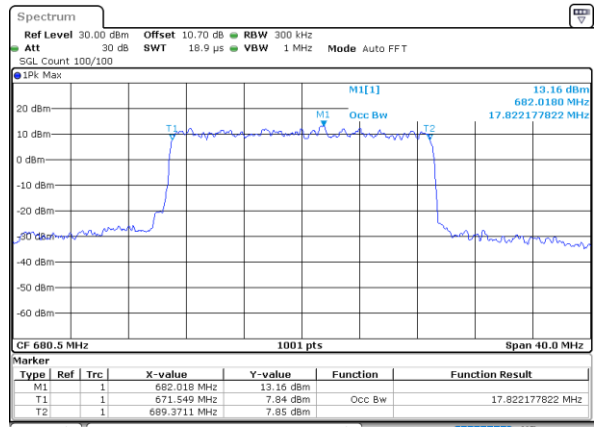
Date: 19.MAY.2023 13:34:57

Middle Channel / 20MHz / QPSK



Date: 19.MAY.2023 13:43:06

Middle Channel / 20MHz / 16QAM

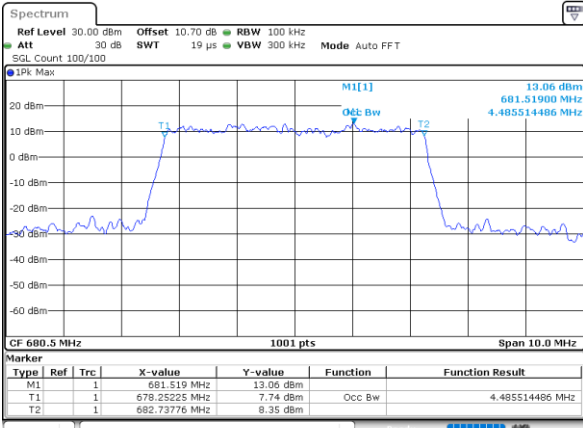


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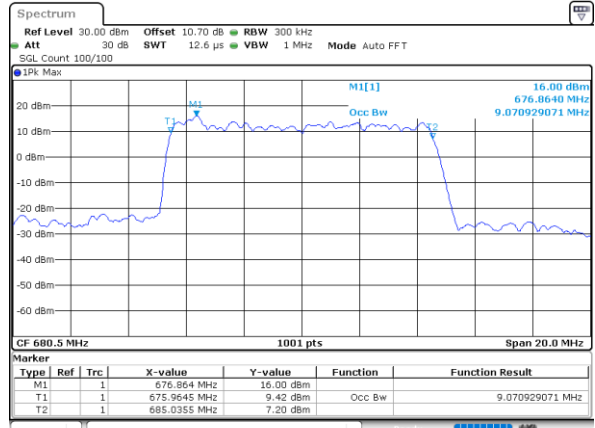
LTE Band 71

Middle Channel / 5MHz / 64QAM



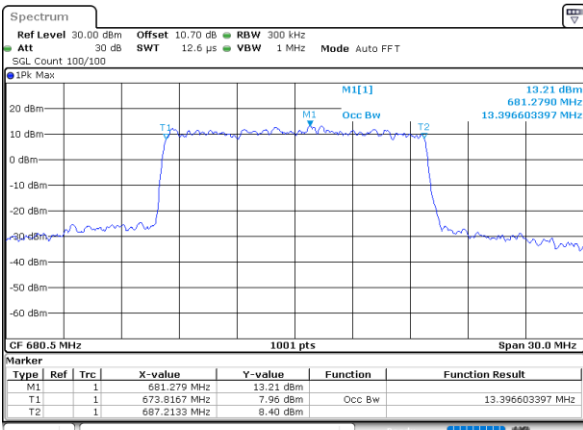
Date: 19.MAY.2023 13:21:04

Middle Channel / 10MHz / 64QAM



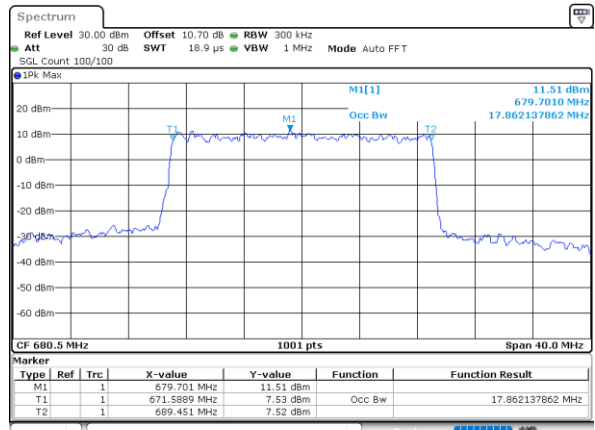
Date: 19.MAY.2023 13:30:42

Middle Channel / 15MHz / 64QAM



Date: 19.MAY.2023 13:39:21

Middle Channel / 20MHz / 64QAM



Date: 19.MAY.2023 13:48:03