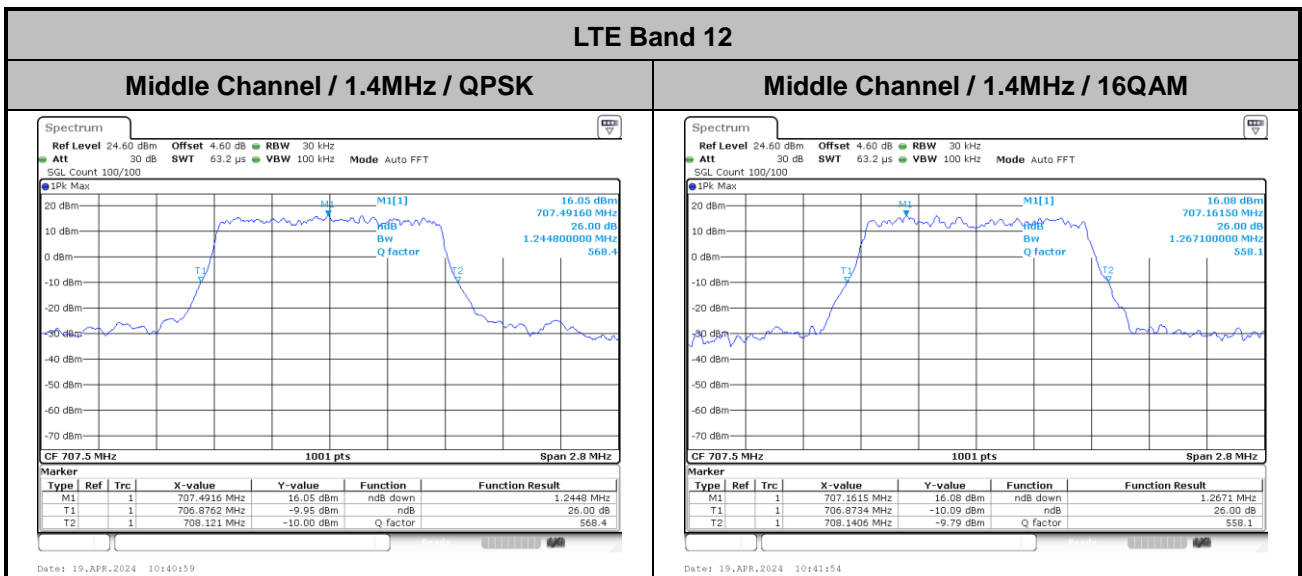




26dB Bandwidth

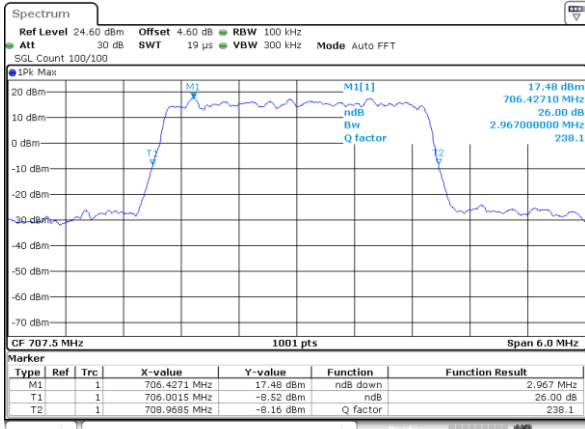
Mode	LTE Band 12 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.24	1.27
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.97	3.03
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.90	4.89
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.77	9.69





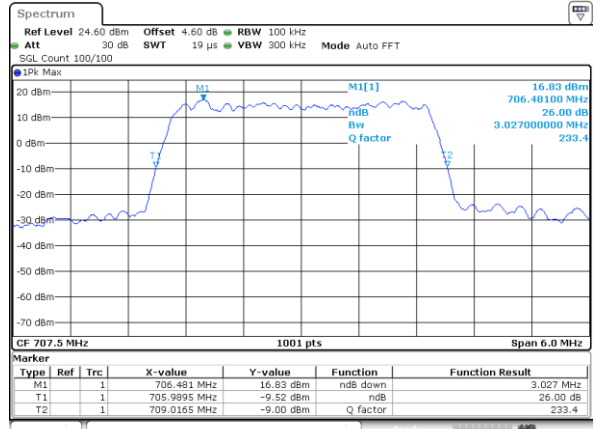
LTE Band 12

Middle Channel / 3MHz / QPSK



Date: 19_APR_2024 10:56:57

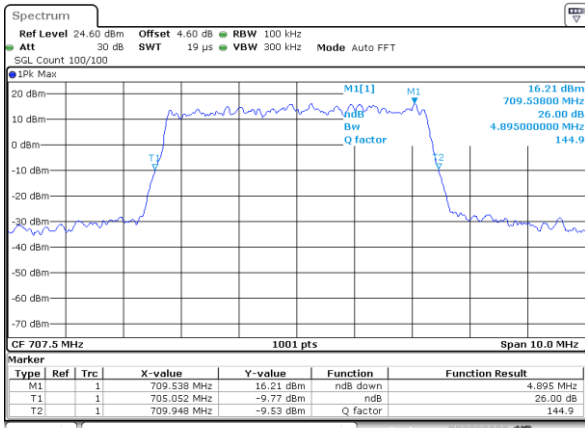
Middle Channel / 3MHz / 16QAM



Date: 19_APR_2024 10:57:53

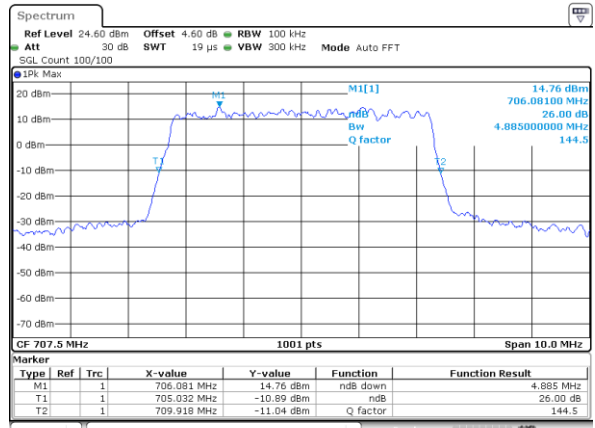
LTE Band 12

Middle Channel / 5MHz / QPSK



Date: 19_APR_2024 11:12:52

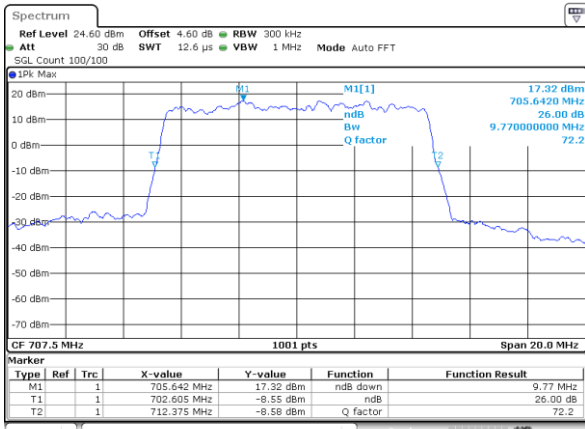
Middle Channel / 5MHz / 16QAM



Date: 19_APR_2024 11:13:47

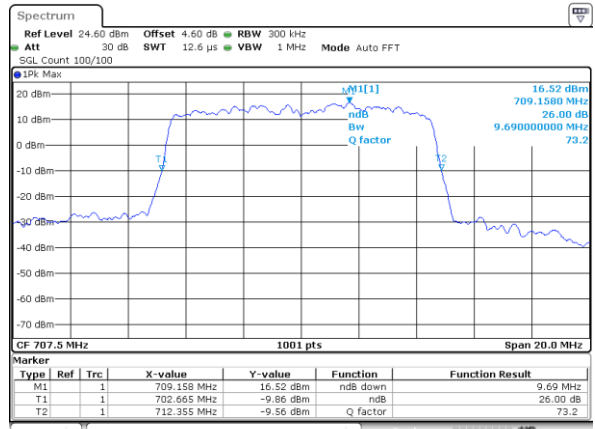
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 19_APR_2024 11:37:18

Middle Channel / 10MHz / 16QAM

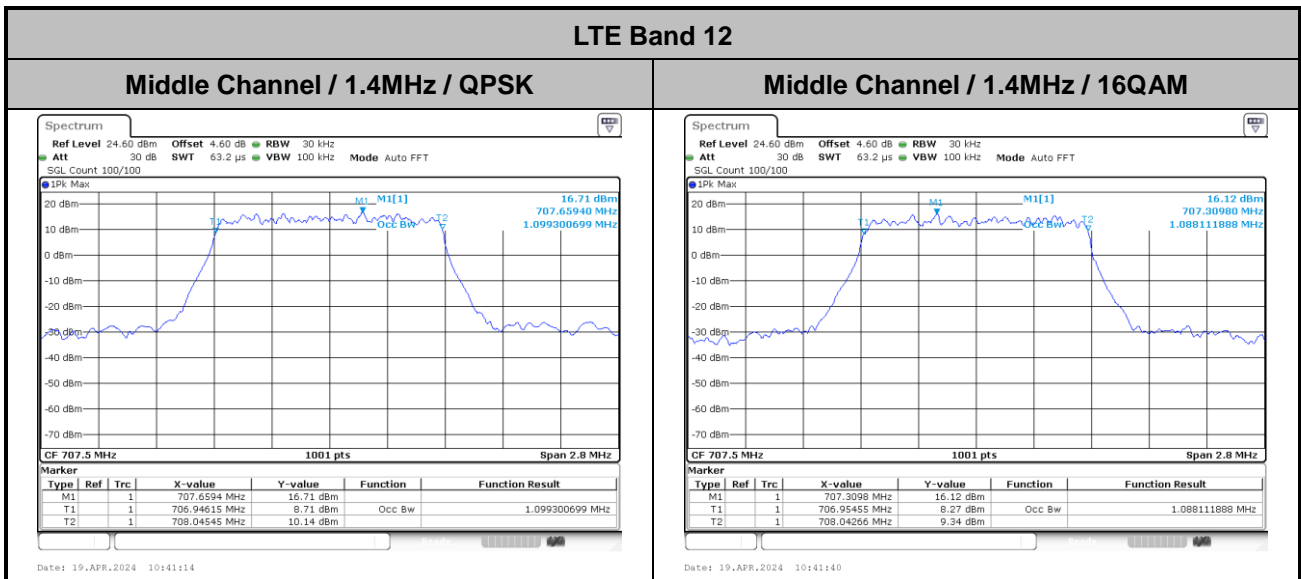


Date: 19_APR_2024 11:37:44



Occupied Bandwidth

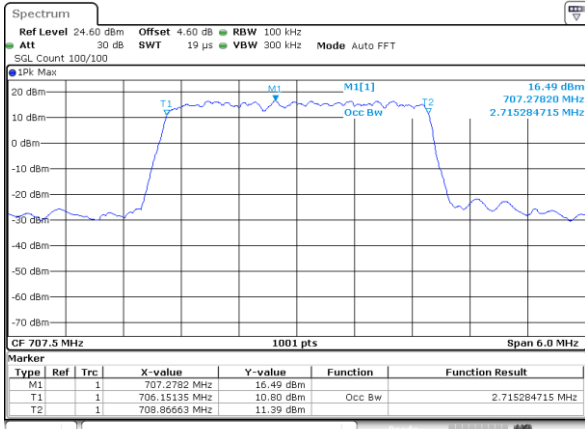
Mode	LTE Band 12 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.10	1.09
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.72	2.73
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.50
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.01	8.95





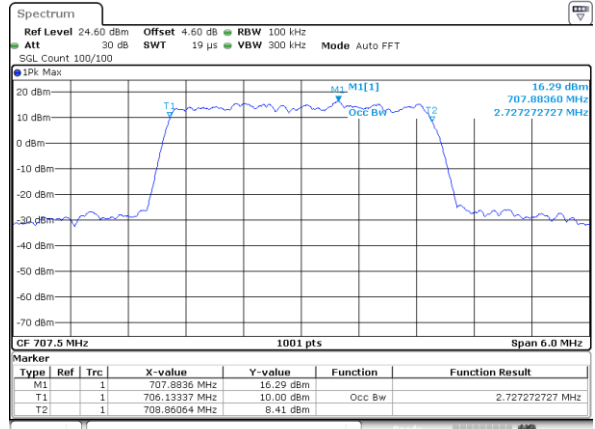
LTE Band 12

Middle Channel / 3MHz / QPSK



Date: 19_APR_2024 10:57:12

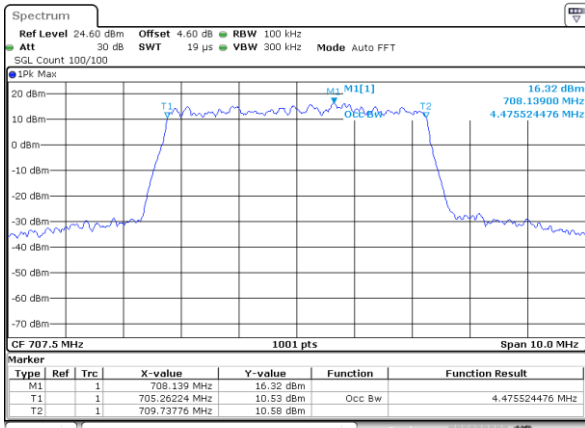
Middle Channel / 3MHz / 16QAM



Date: 19_APR_2024 10:57:13B

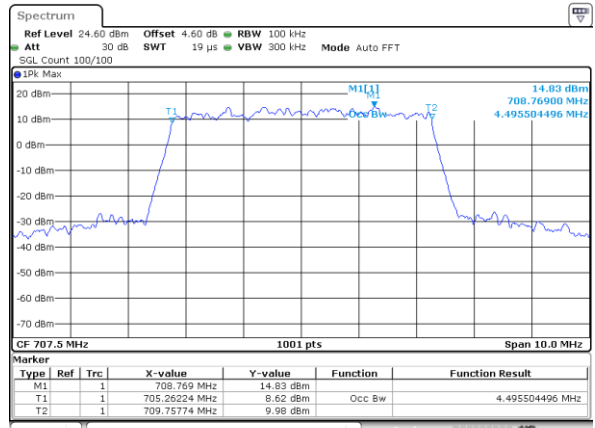
LTE Band 12

Middle Channel / 5MHz / QPSK



Date: 19_APR_2024 11:13:06

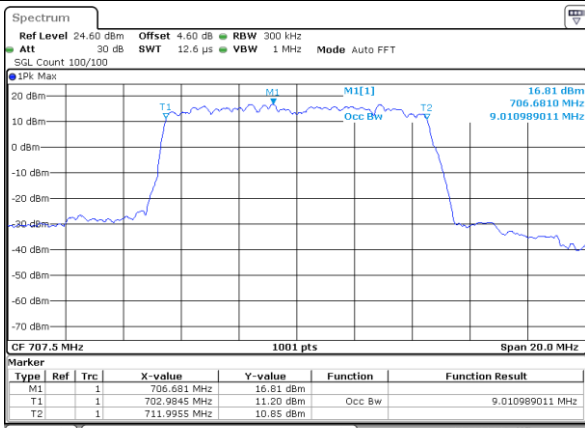
Middle Channel / 5MHz / 16QAM



Date: 19_APR_2024 11:13:133

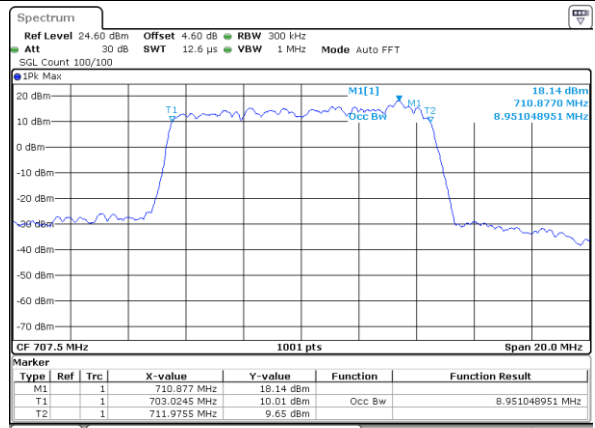
LTE Band 12

Middle Channel / 10MHz / QPSK



Date: 19_APR_2024 11:13:25

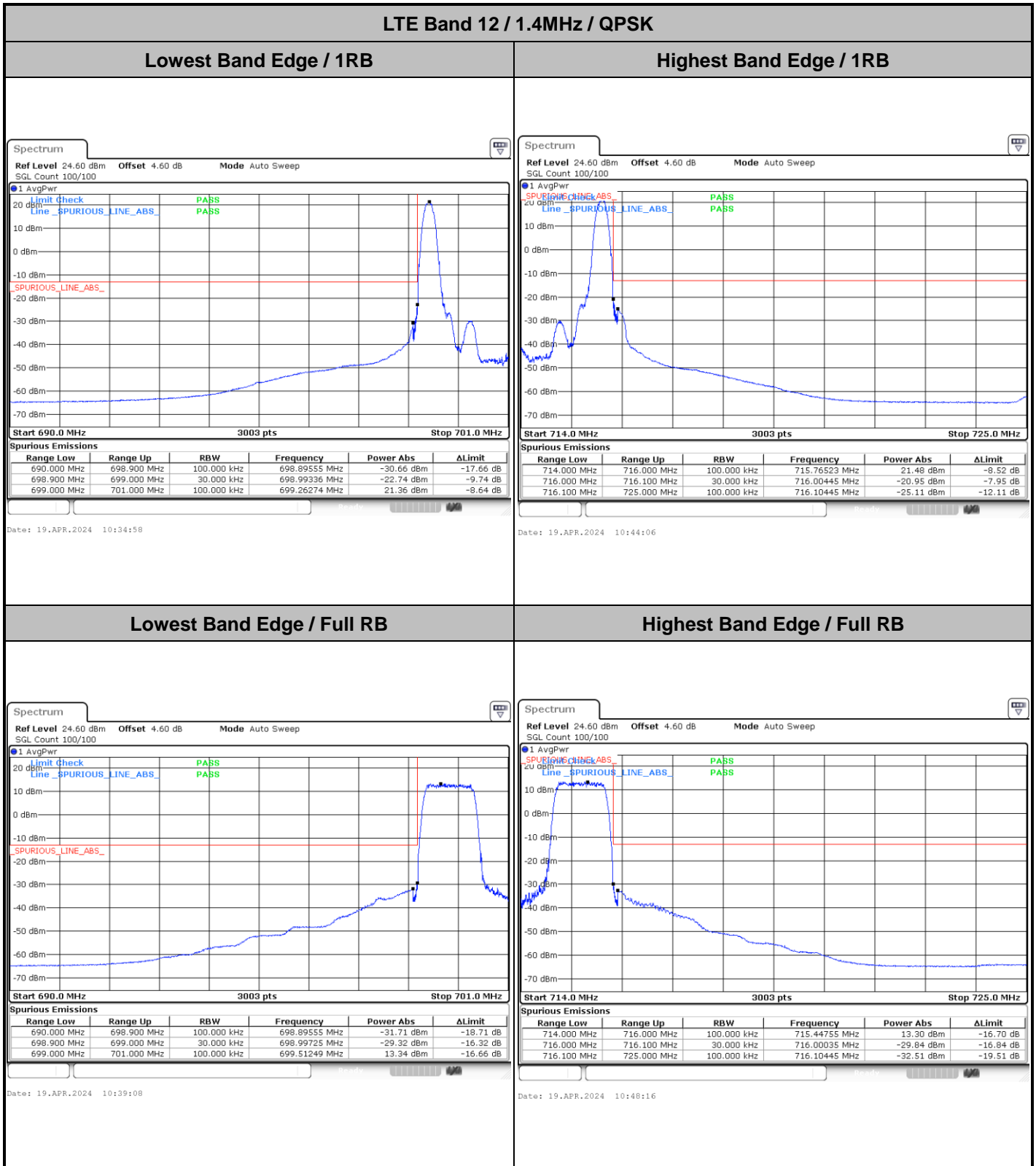
Middle Channel / 10MHz / 16QAM



Date: 19_APR_2024 11:13:52



Conducted Band Edge

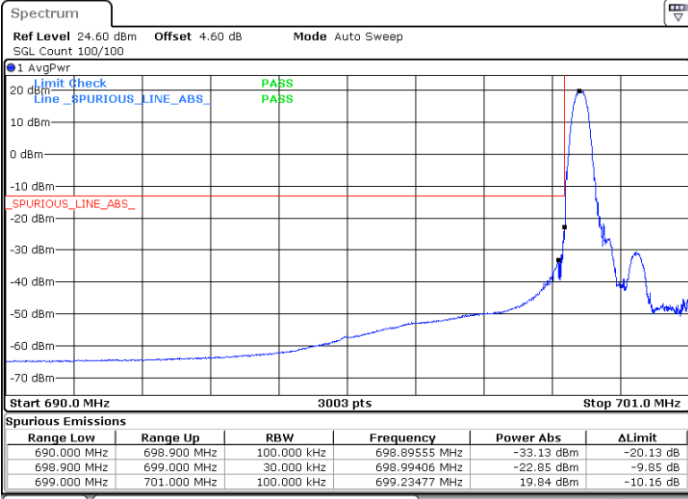




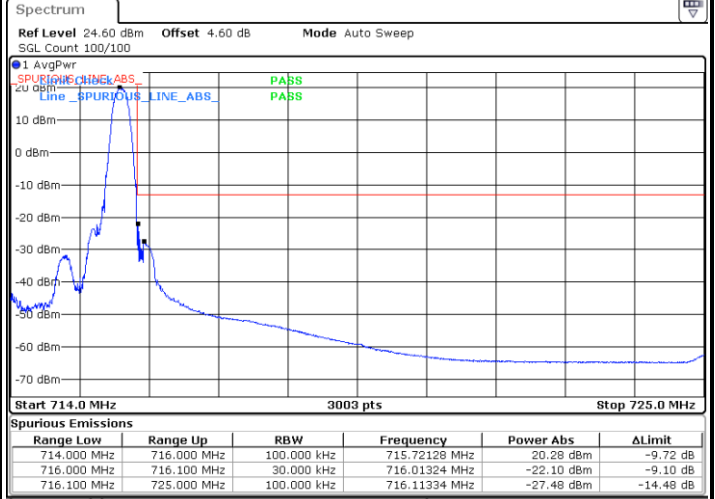
LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



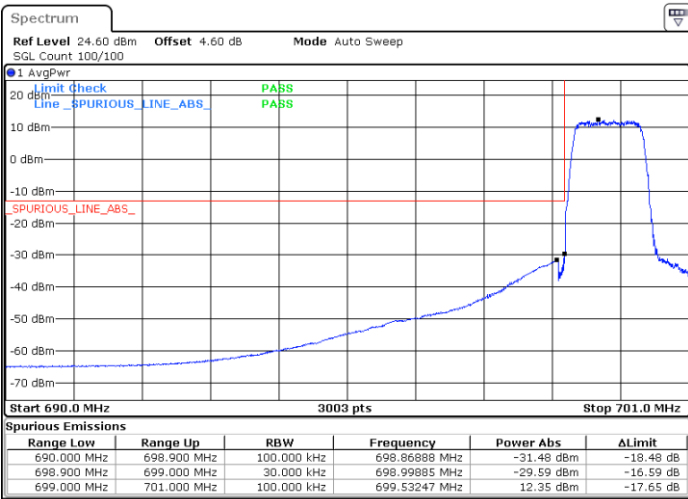
Date: 19.APR.2024 10:35:47



Date: 19.APR.2024 10:44:55

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.APR.2024 10:38:18



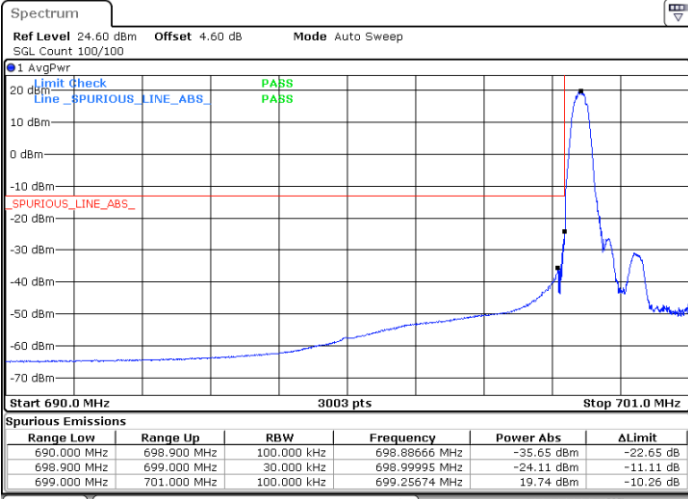
Date: 19.APR.2024 10:47:26



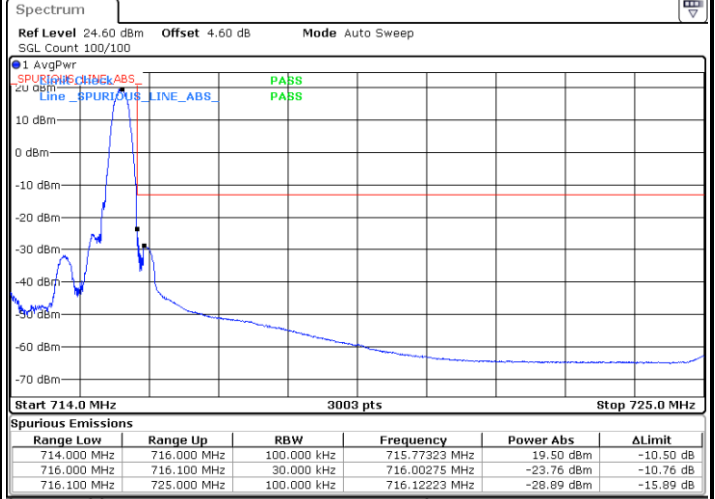
LTE Band 12 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



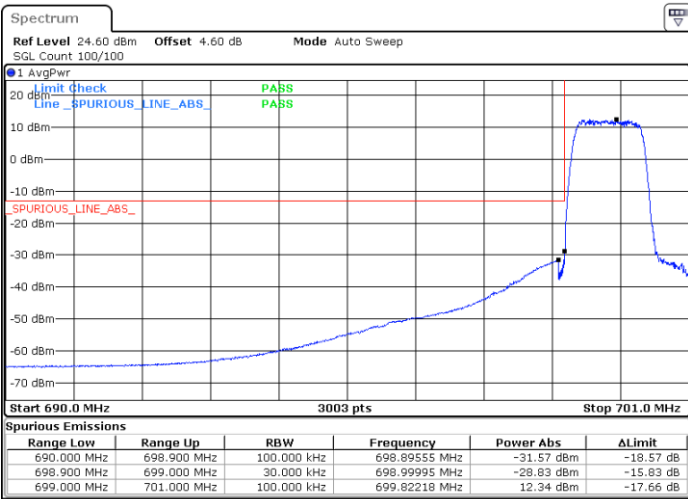
Date: 19.APR.2024 10:36:36



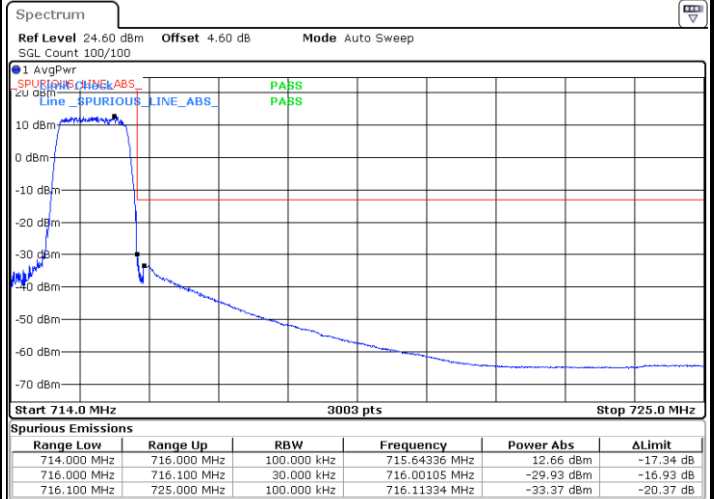
Date: 19.APR.2024 10:45:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.APR.2024 10:37:29



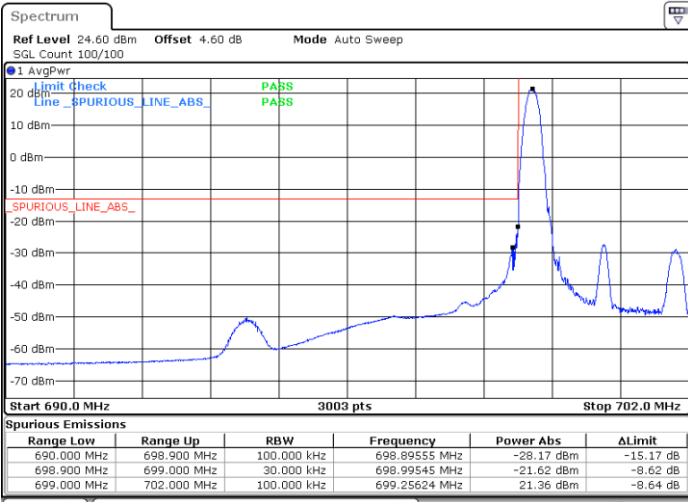
Date: 19.APR.2024 10:46:34



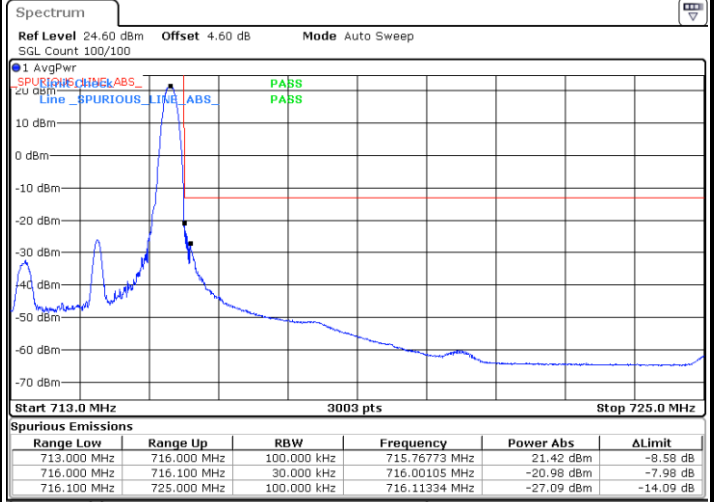
LTE Band 12 / 3MHz / QPSK

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



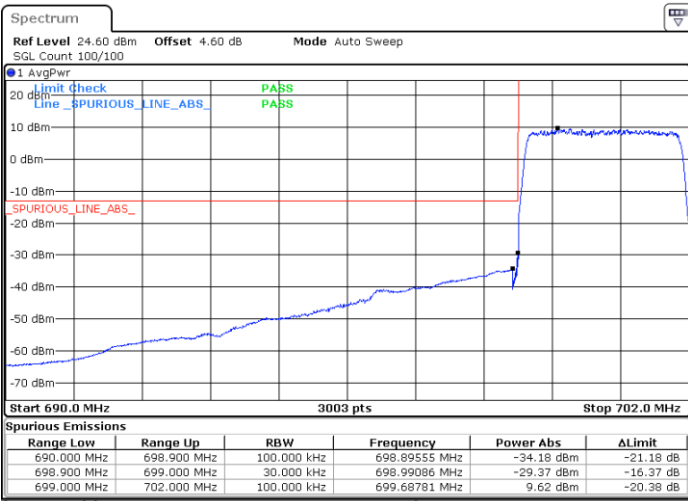
Date: 19.APR.2024 10:51:00



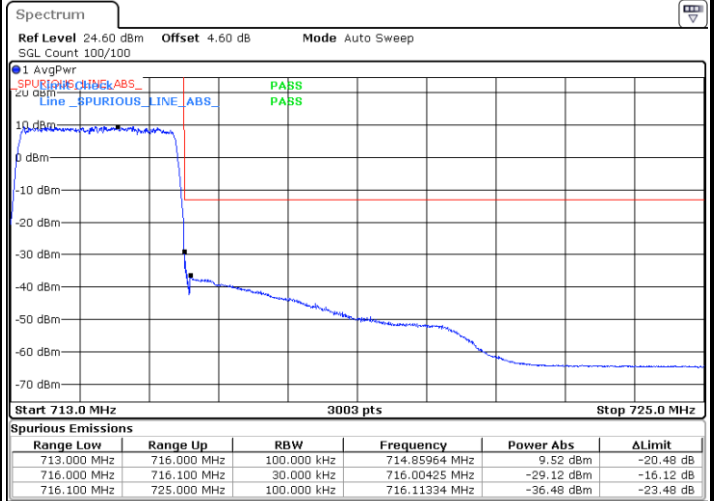
Date: 19.APR.2024 11:00:05

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.APR.2024 10:55:07

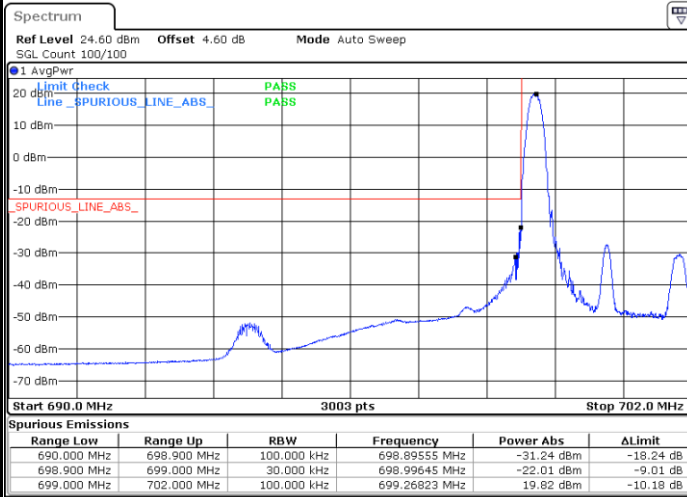


Date: 19.APR.2024 11:04:12



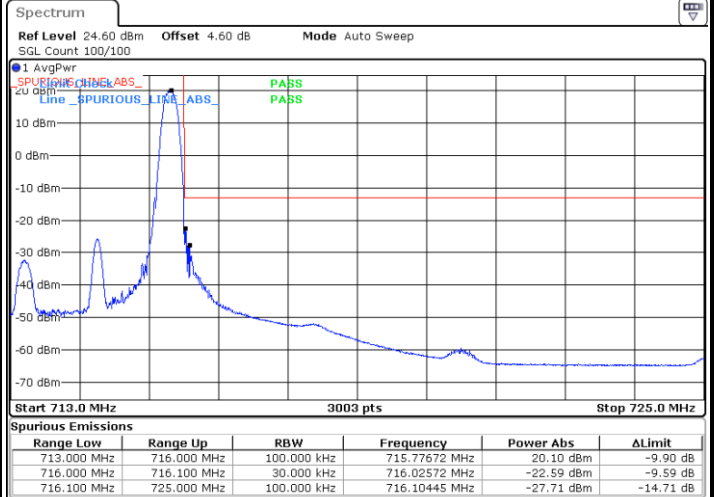
LTE Band 12 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



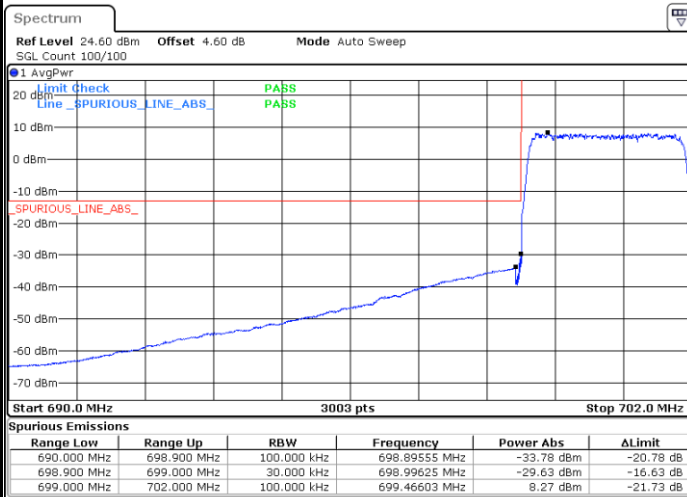
Date: 19.APR.2024 10:51:49

Highest Band Edge / 1 RB



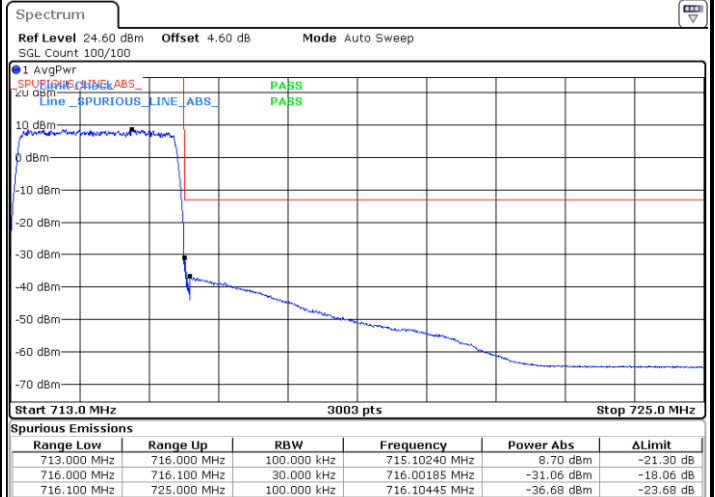
Date: 19.APR.2024 11:00:55

Lowest Band Edge / Full RB



Date: 19.APR.2024 10:54:18

Highest Band Edge / Full RB



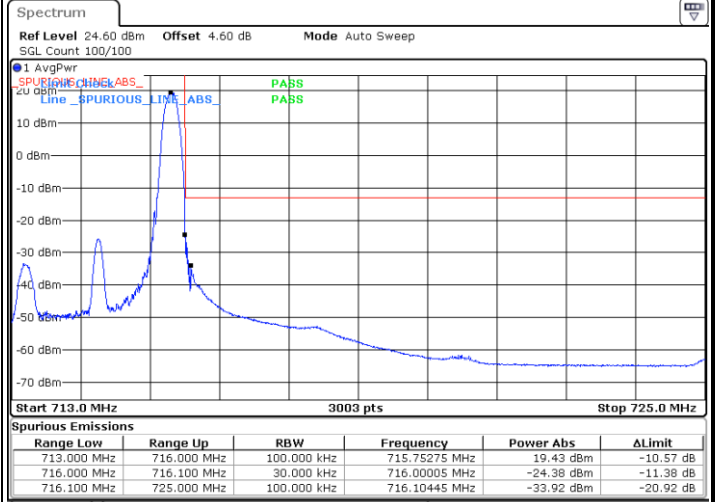
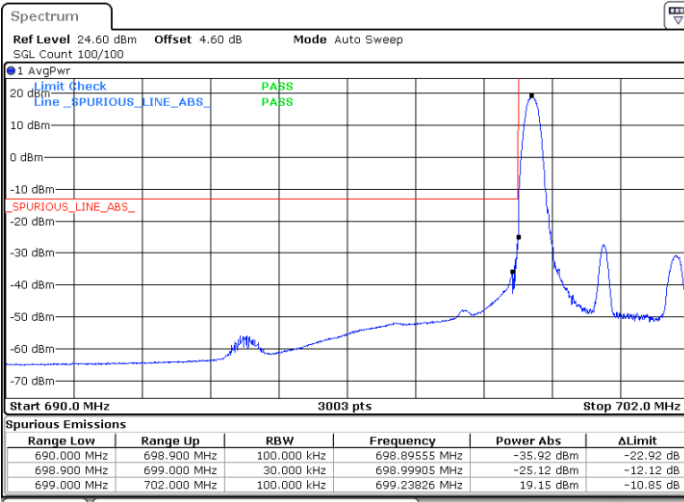
Date: 19.APR.2024 11:03:23



LTE Band 12 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

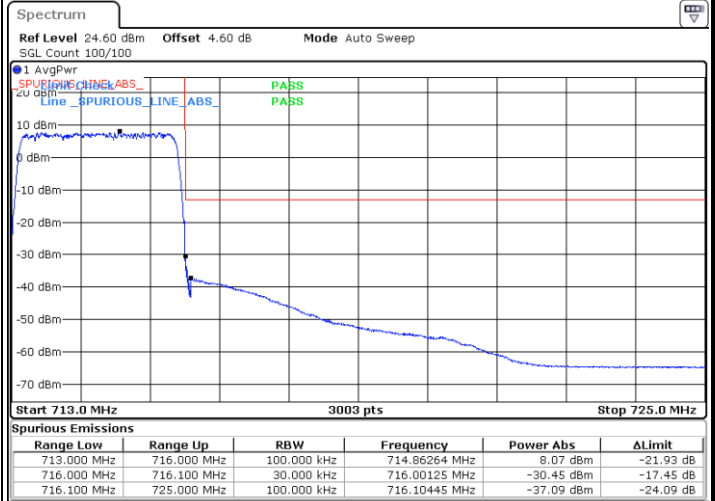
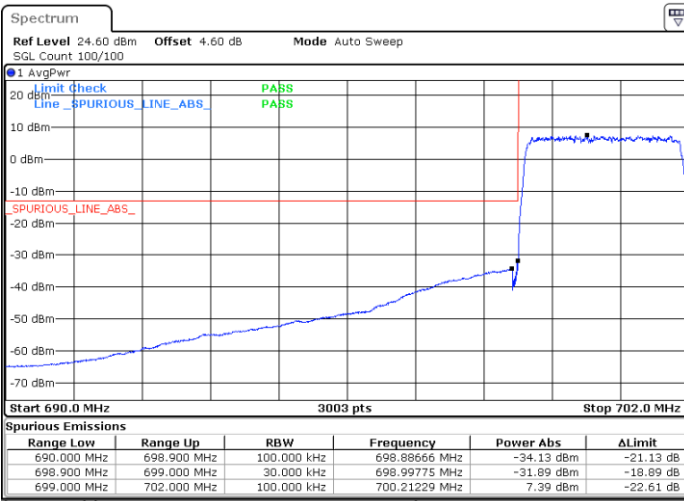


Date: 19.APR.2024 10:52:39

Date: 19.APR.2024 11:01:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.APR.2024 10:53:28

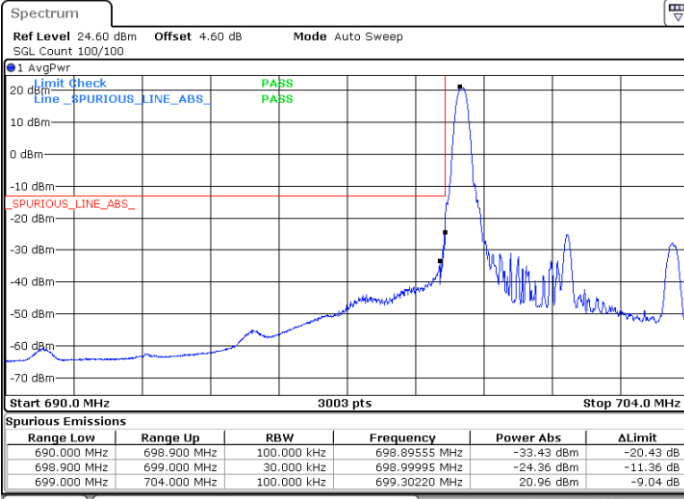
Date: 19.APR.2024 11:02:34



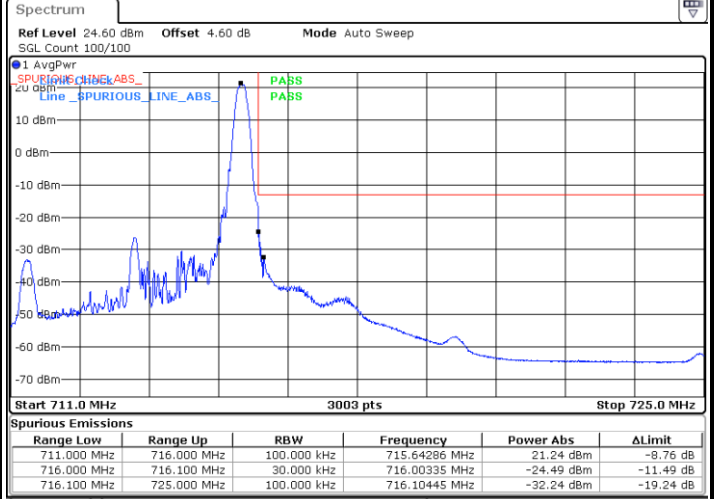
LTE Band 12 / 5MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



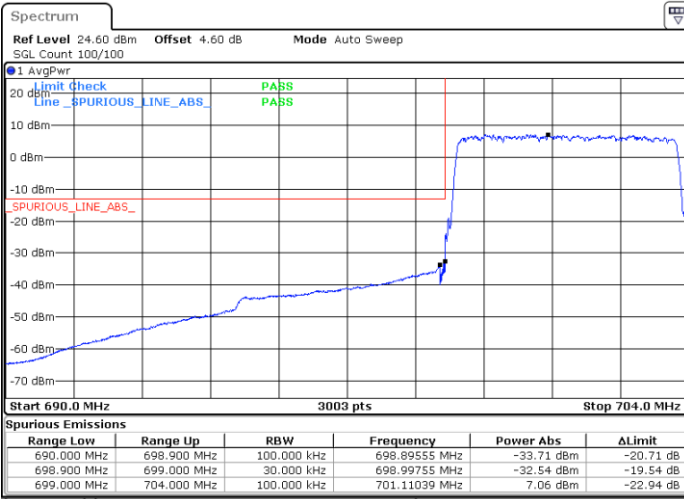
Date: 19.APR.2024 11:06:55



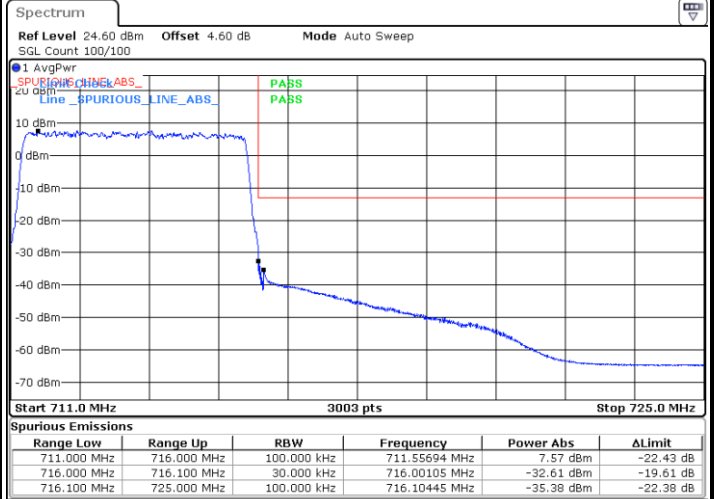
Date: 19.APR.2024 11:15:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.APR.2024 11:11:02

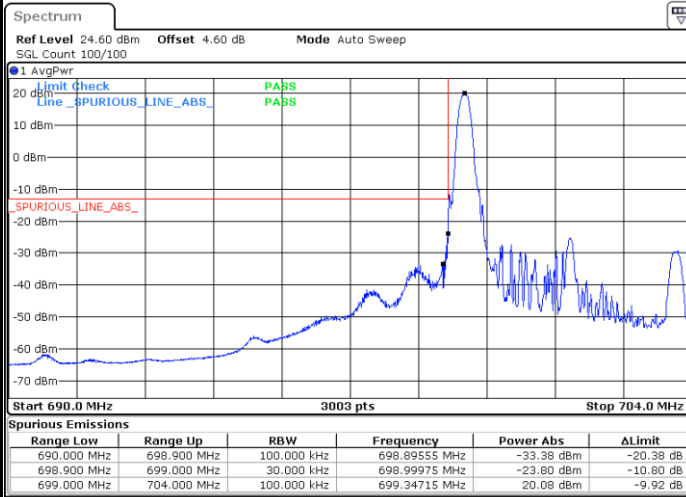


Date: 19.APR.2024 11:20:05



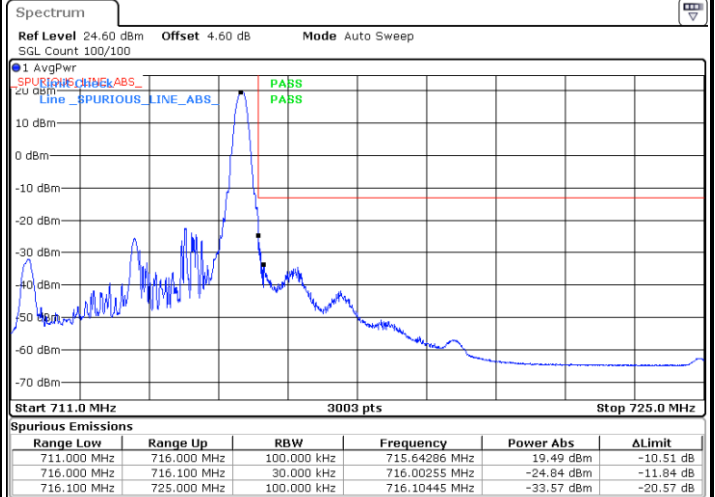
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



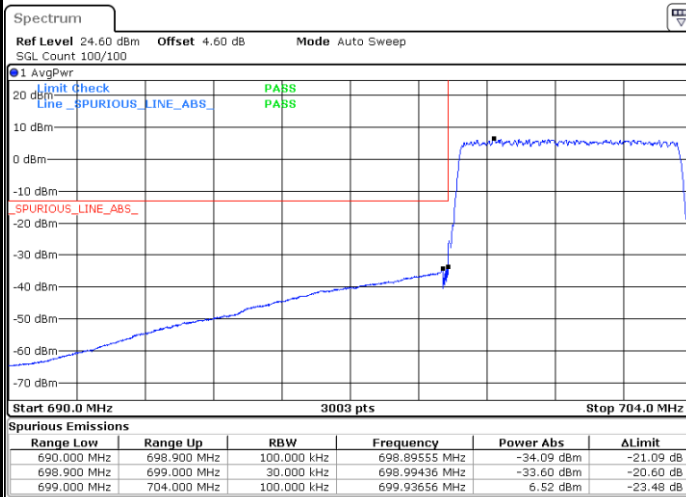
Date: 19.APR.2024 11:07:44

Highest Band Edge / 1 RB



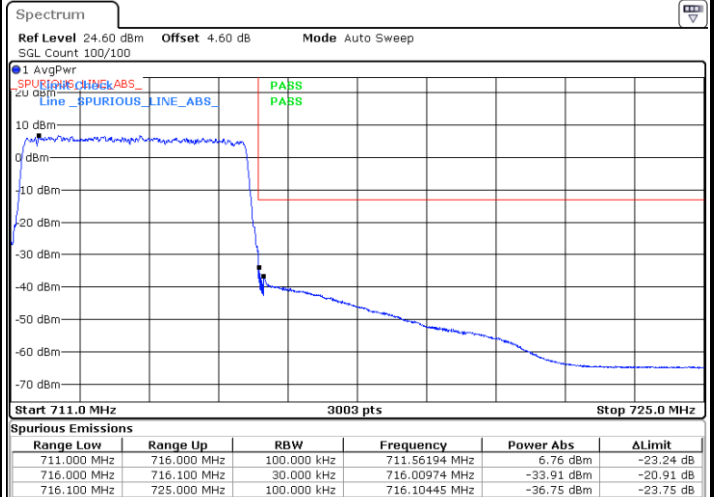
Date: 19.APR.2024 11:16:48

Lowest Band Edge / Full RB



Date: 19.APR.2024 11:10:13

Highest Band Edge / Full RB

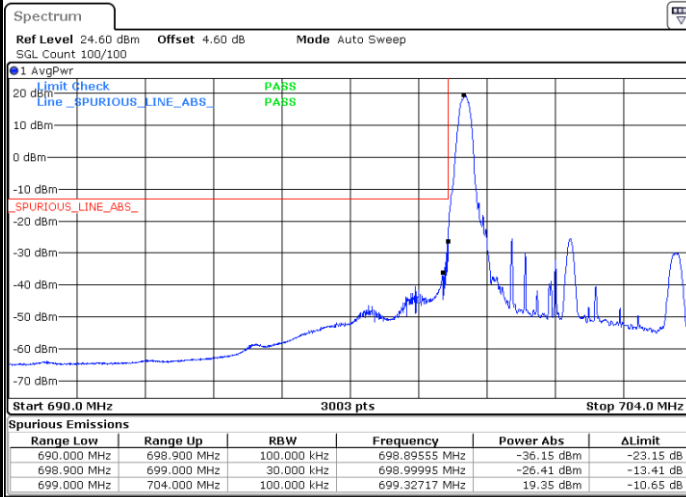


Date: 19.APR.2024 11:19:16



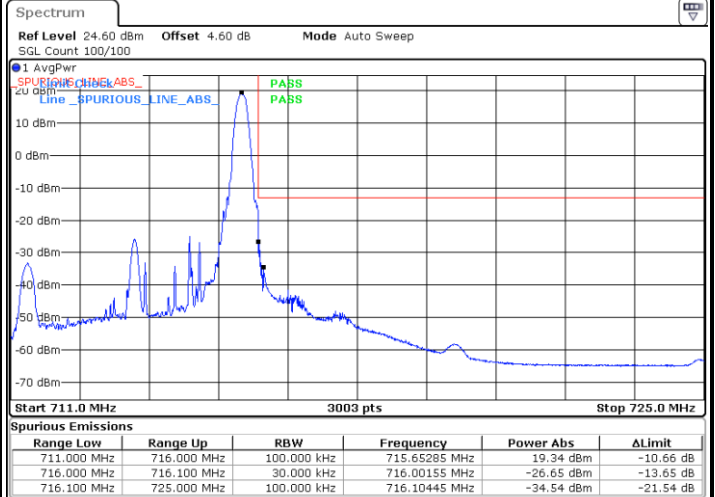
LTE Band 12 / 5MHz / 64QAM

Lowest Band Edge / 1RB



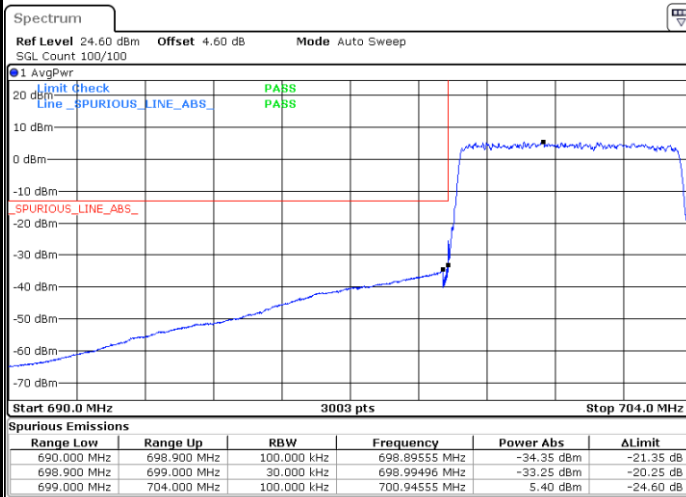
Date: 19.APR.2024 11:08:34

Highest Band Edge / 1 RB



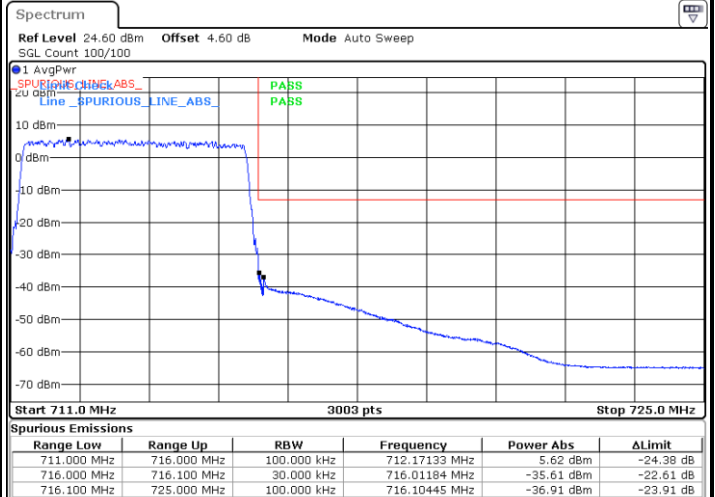
Date: 19.APR.2024 11:17:38

Lowest Band Edge / Full RB



Date: 19.APR.2024 11:09:23

Highest Band Edge / Full RB



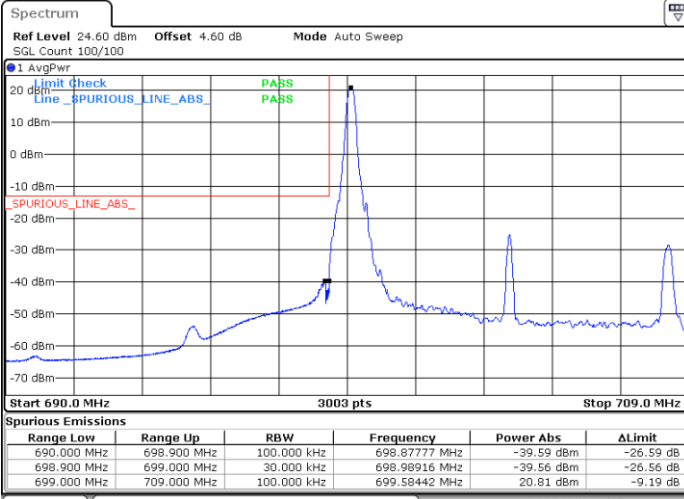
Date: 19.APR.2024 11:18:27



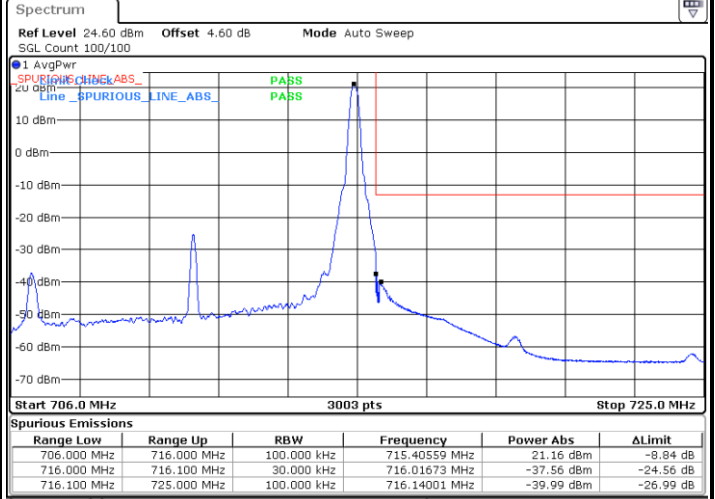
LTE Band 12 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



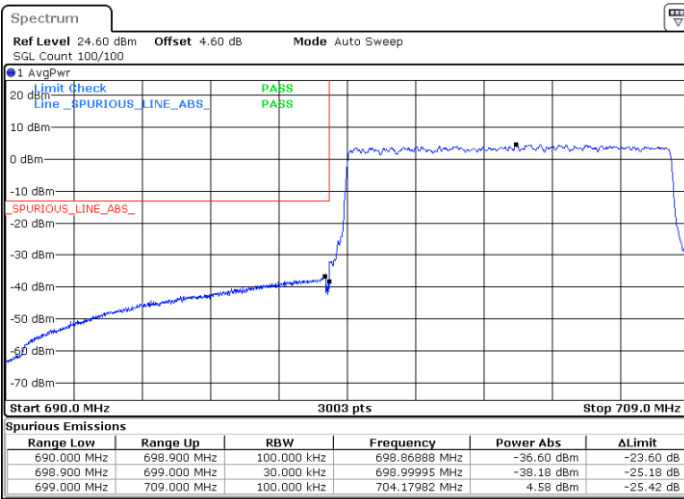
Date: 19.APR.2024 11:22:47



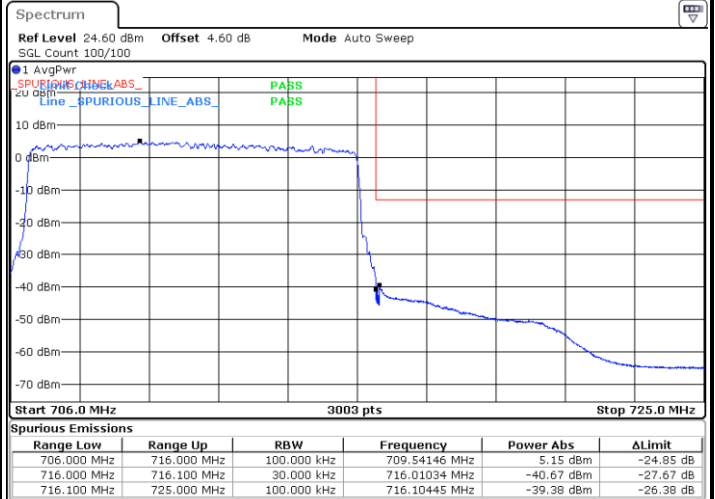
Date: 19.APR.2024 11:30:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.APR.2024 11:26:55



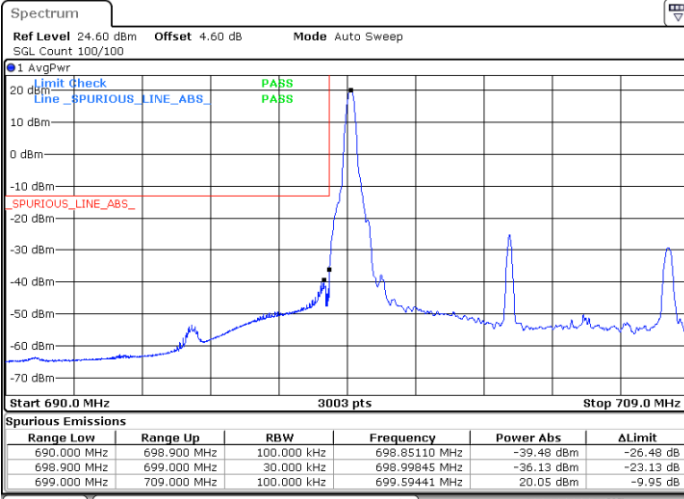
Date: 19.APR.2024 11:34:35



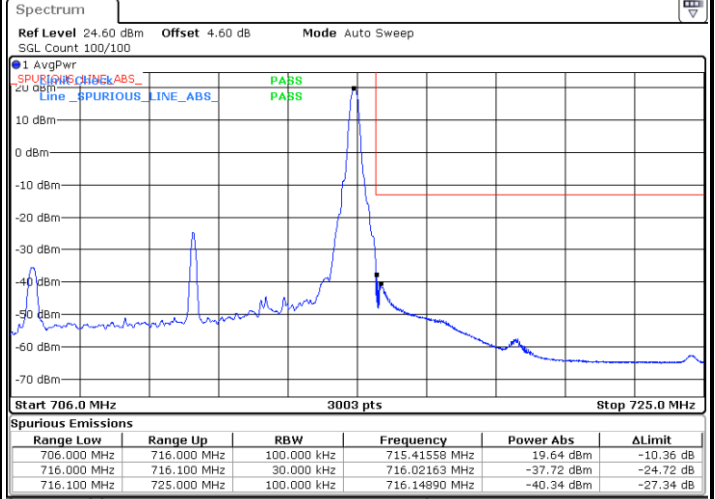
LTE Band 12 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



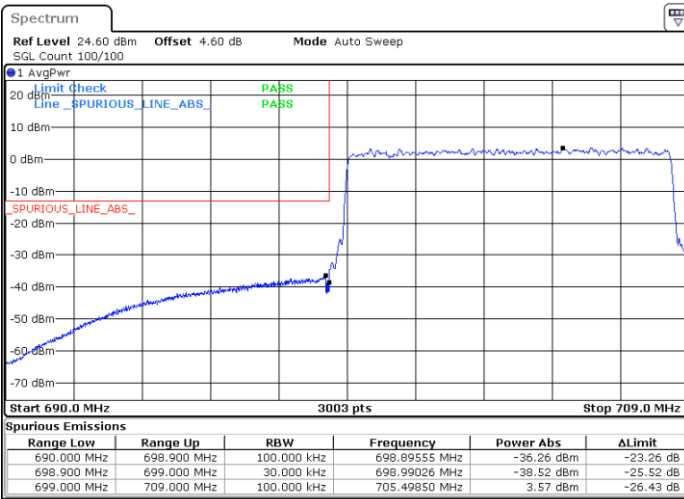
Date: 19.APR.2024 11:23:36



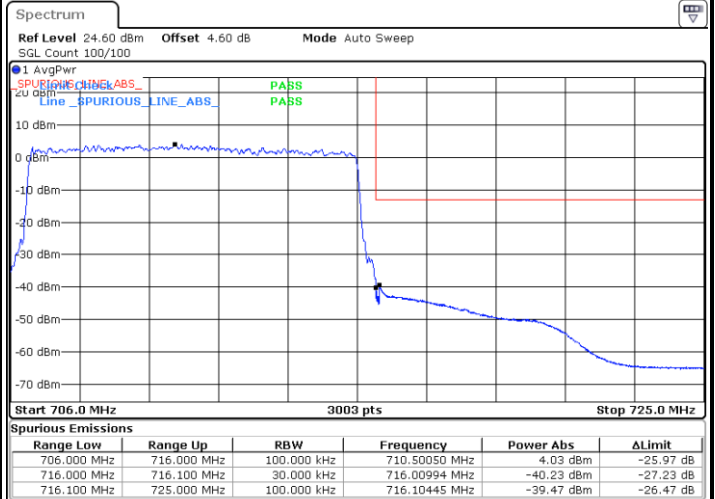
Date: 19.APR.2024 11:31:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.APR.2024 11:26:05

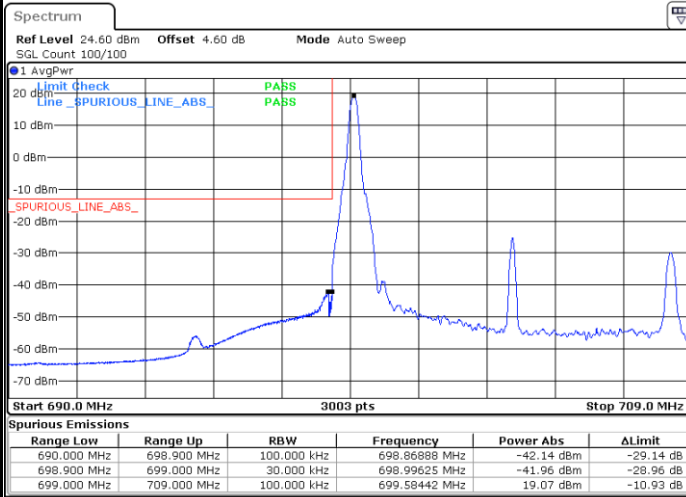


Date: 19.APR.2024 11:33:46



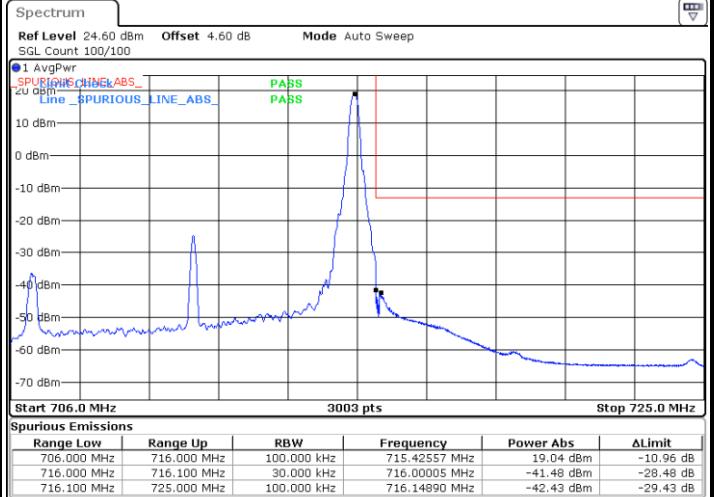
LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



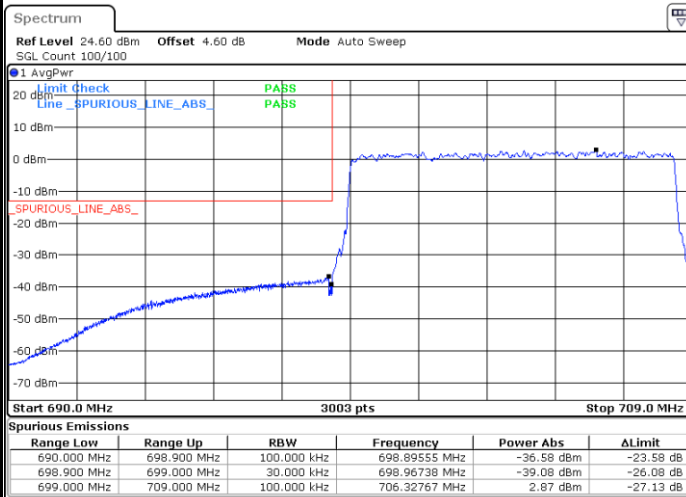
Date: 19.APR.2024 11:24:26

Highest Band Edge / 1 RB



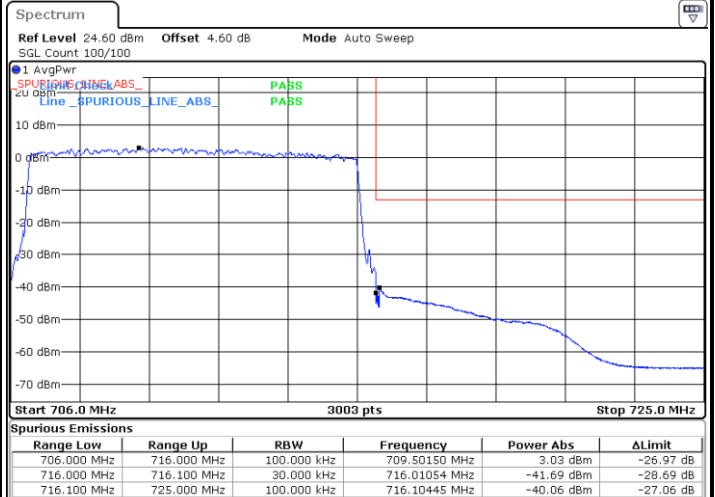
Date: 19.APR.2024 11:32:07

Lowest Band Edge / Full RB



Date: 19.APR.2024 11:25:16

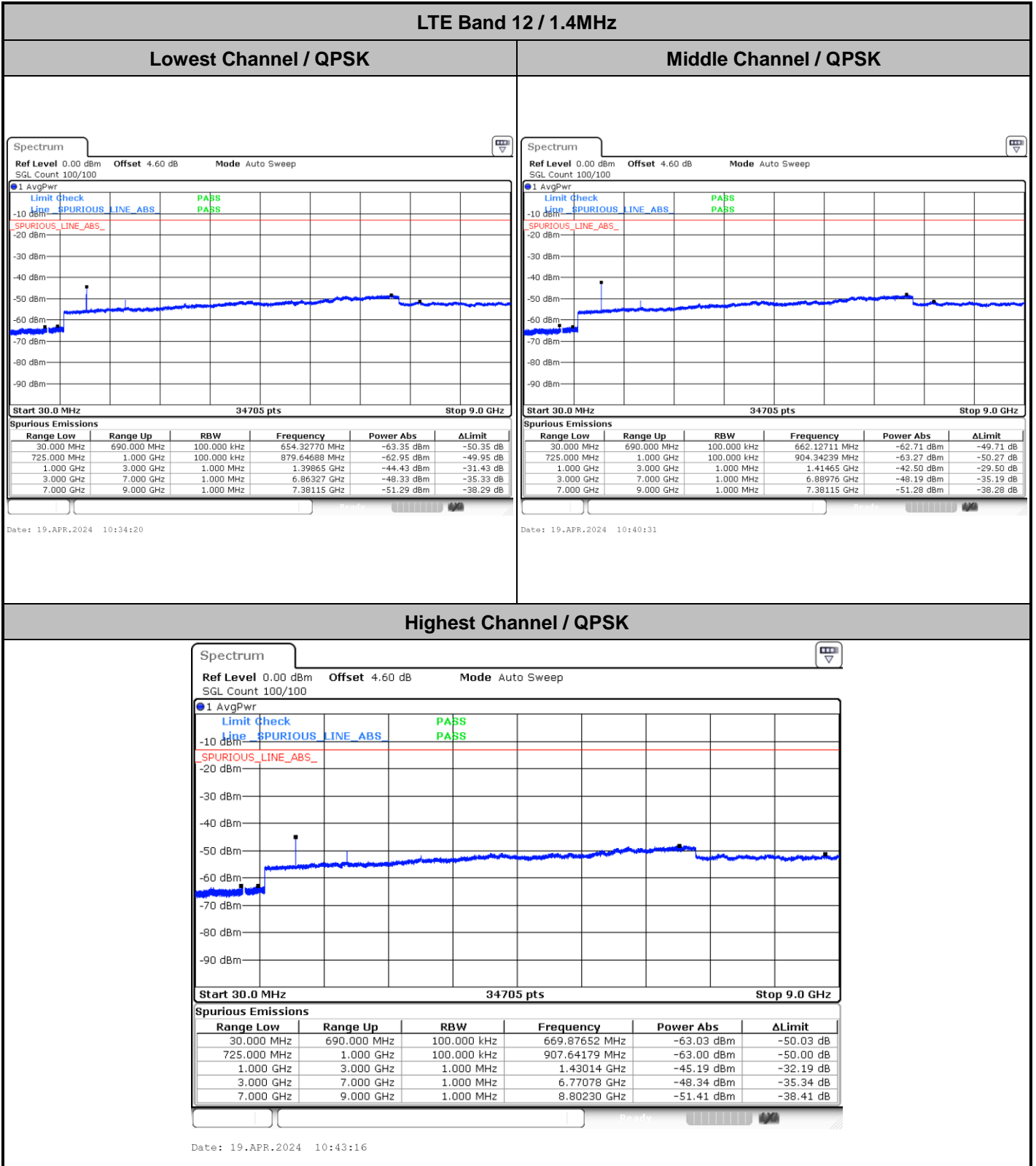
Highest Band Edge / Full RB



Date: 19.APR.2024 11:32:57



Conducted Spurious Emission

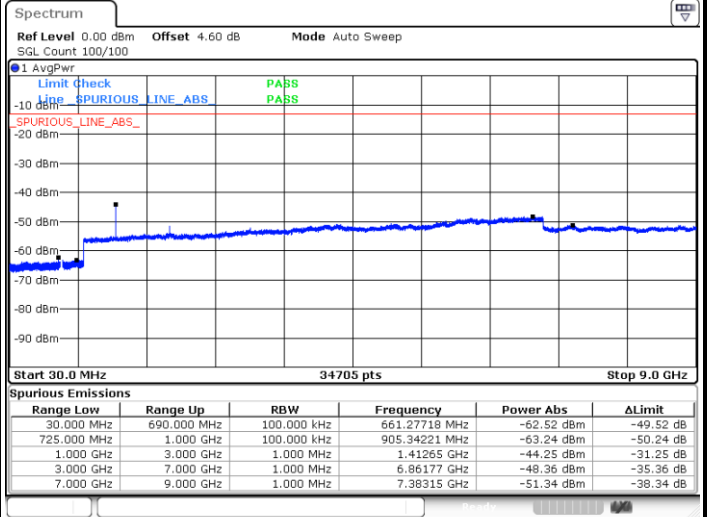
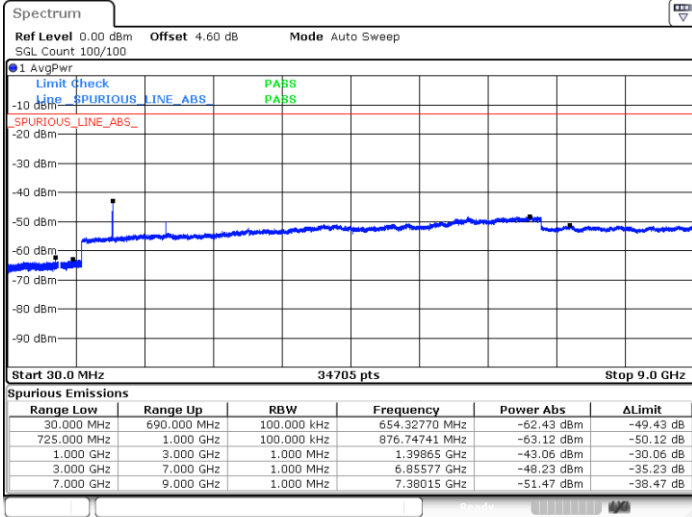




LTE Band 12 / 3MHz

Lowest Channel / QPSK

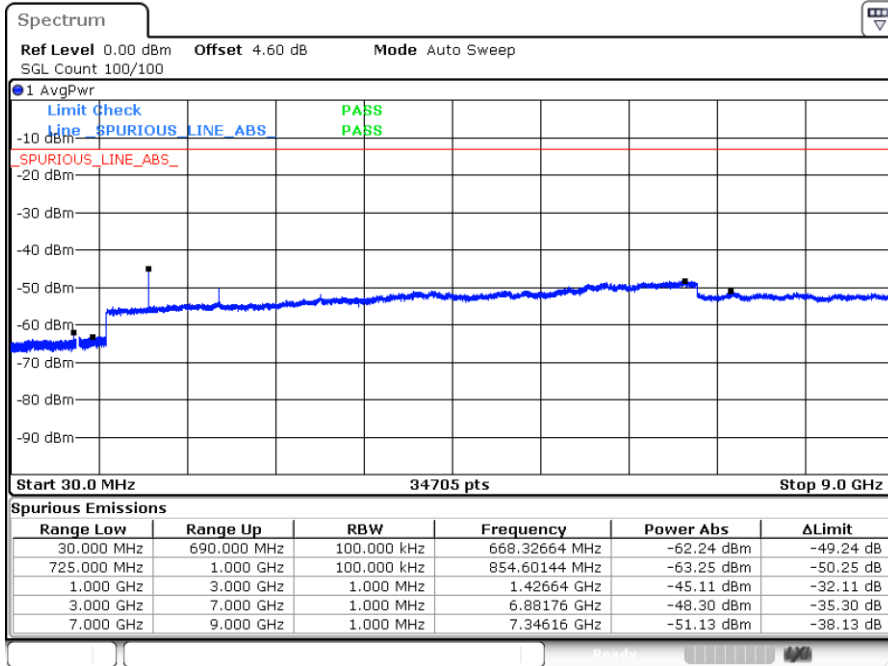
Middle Channel / QPSK



Date: 19.APR.2024 10:50:22

Date: 19.APR.2024 10:56:30

Highest Channel / QPSK



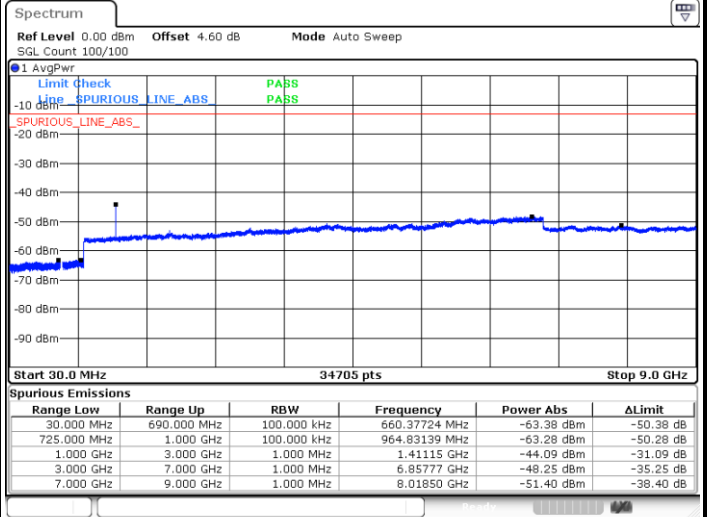
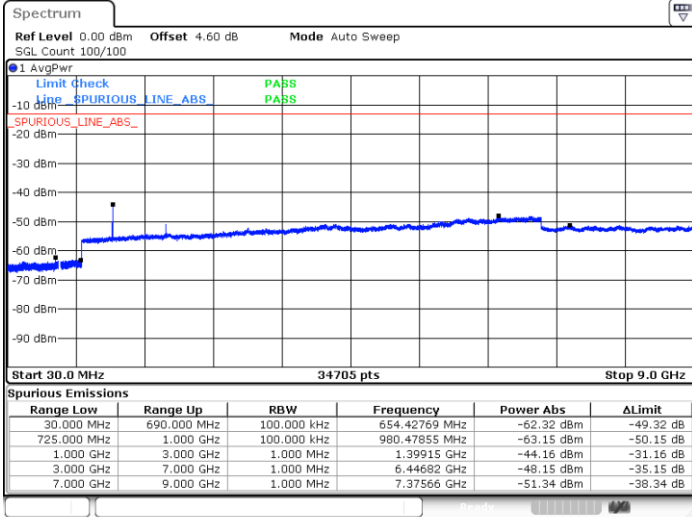
Date: 19.APR.2024 10:59:15



LTE Band 12 / 5MHz

Lowest Channel / QPSK

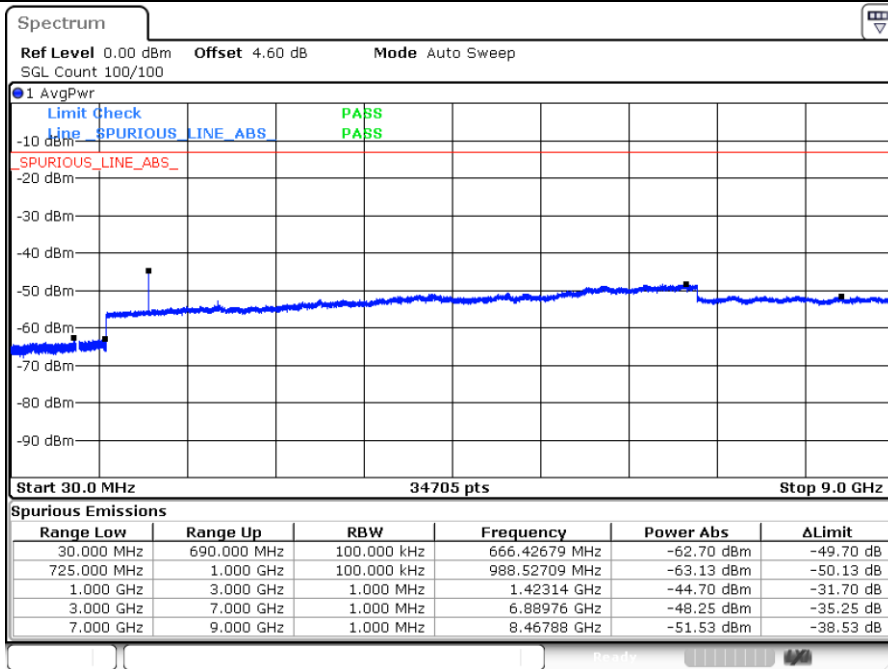
Middle Channel / QPSK



Date: 19.APR.2024 11:06:18

Date: 19.APR.2024 11:12:24

Highest Channel / QPSK



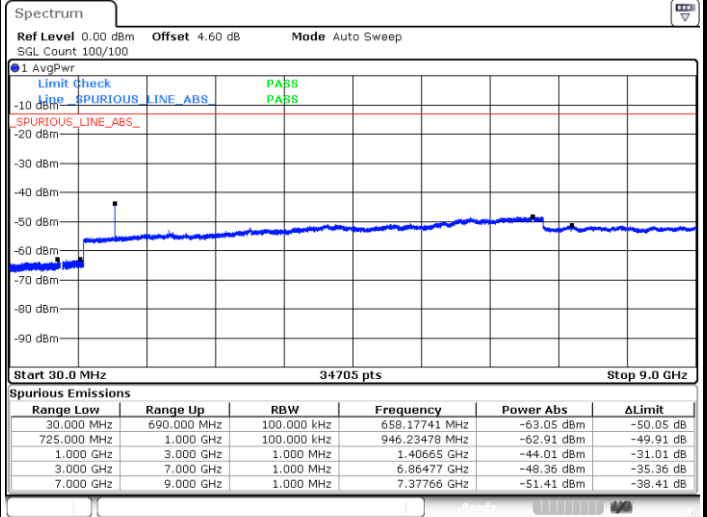
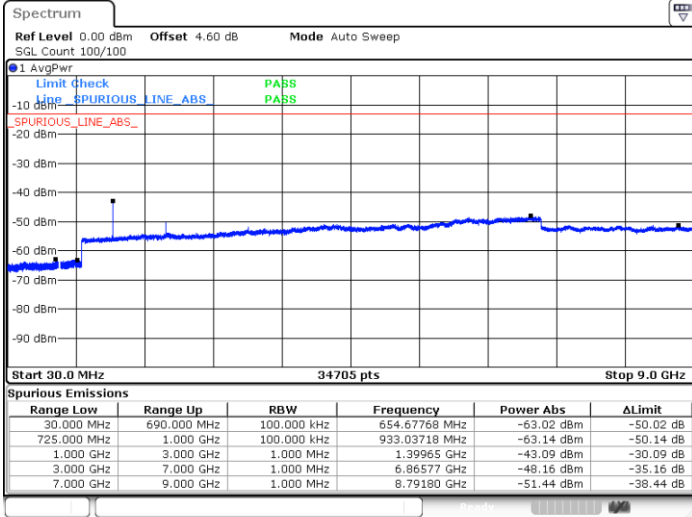
Date: 19.APR.2024 11:15:09



LTE Band 12 / 10MHz

Lowest Channel / QPSK

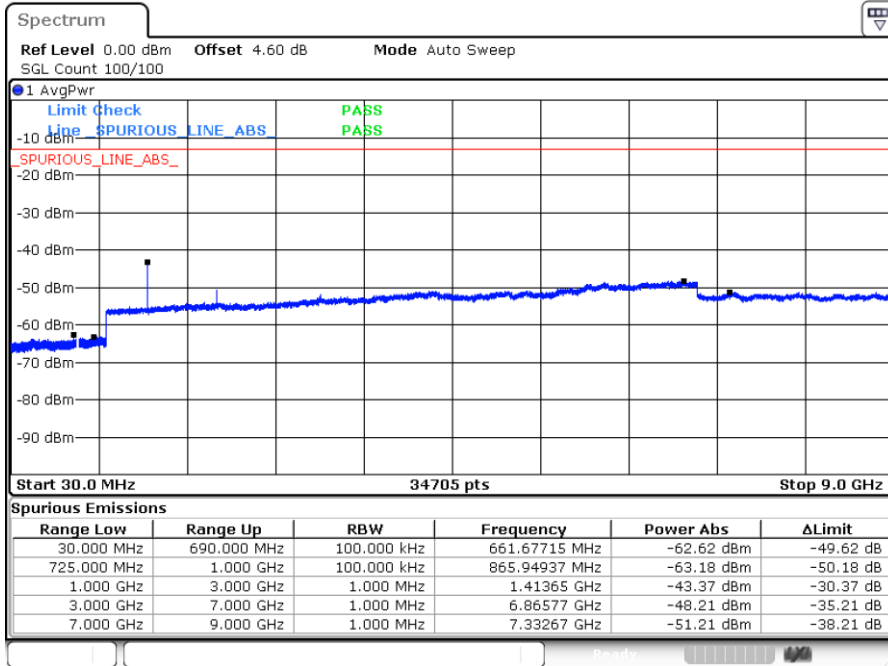
Middle Channel / QPSK



Date: 19.APR.2024 11:22:10

Date: 19.APR.2024 11:28:17

Highest Channel / QPSK



Date: 19.APR.2024 11:29:39



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0031	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0034	

Note:

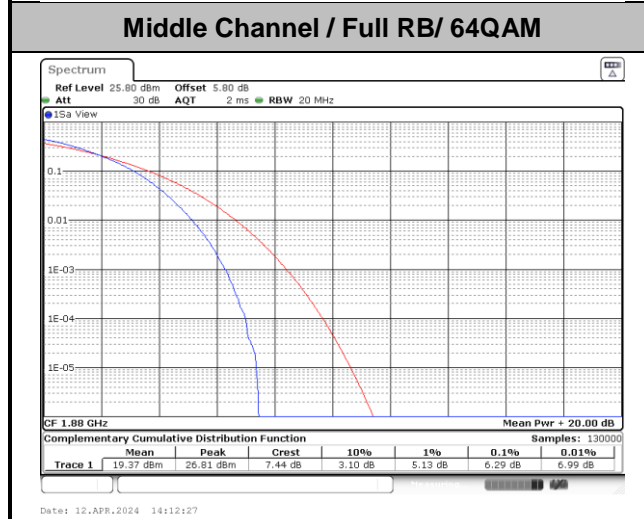
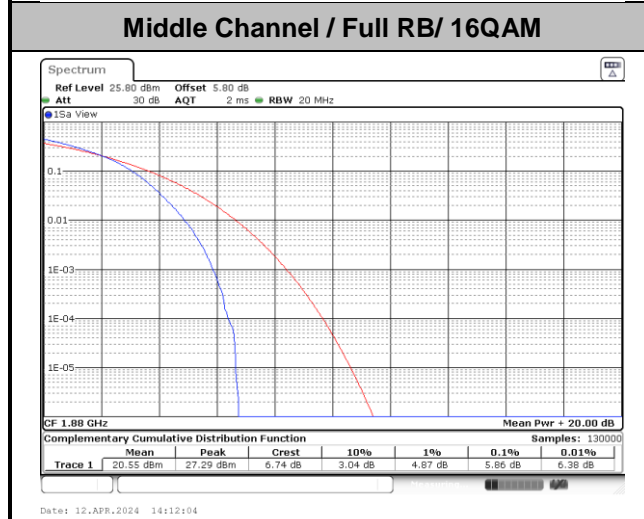
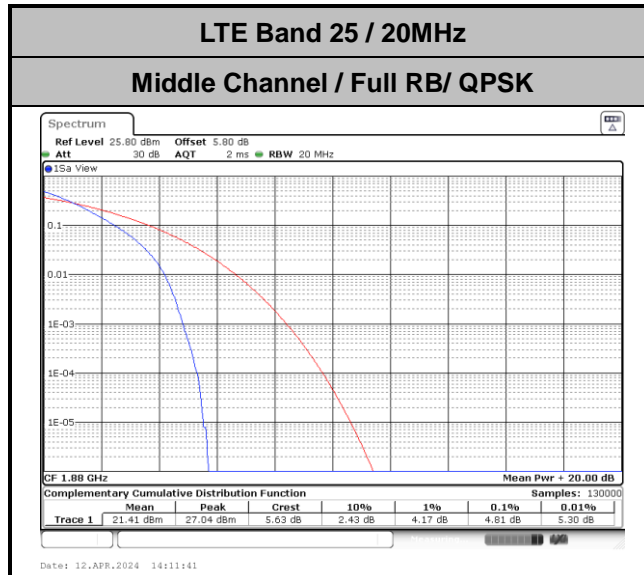
1. Normal Voltage =7.2 V. ; Battery End Point (BEP) =6.8V. ; Maximum Voltage =8.26 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25

Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.81	5.86	6.29	PASS





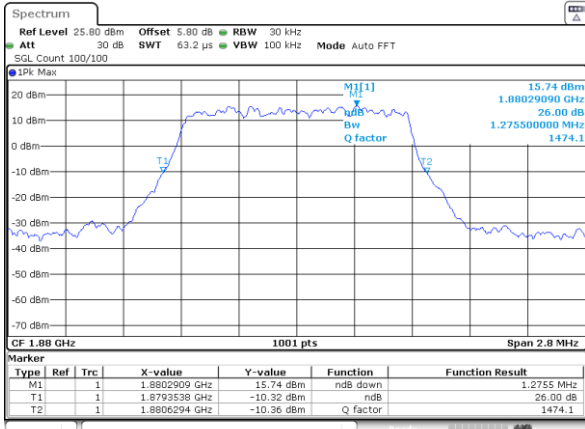
26dB Bandwidth

Mode	LTE Band 25 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.28	1.28
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.99	3.00
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.90	4.97
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.81	9.87
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.45	14.39
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.74	19.18



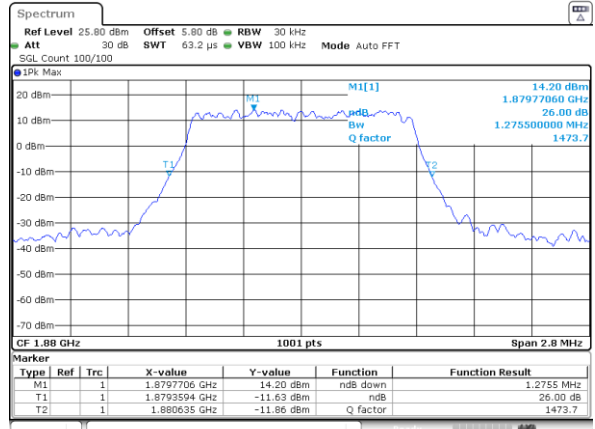
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 12.APR.2024 14:20:41

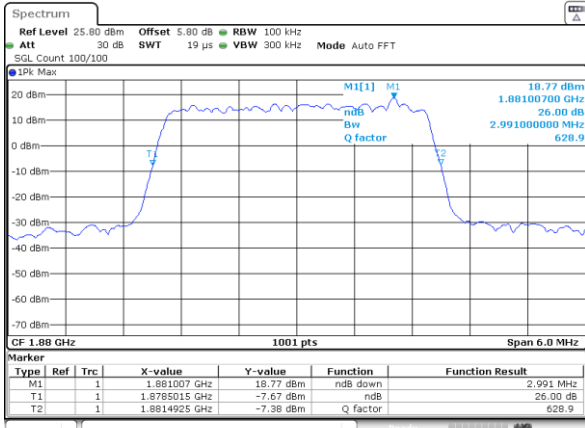
Middle Channel / 1.4MHz / 16QAM



Date: 12.APR.2024 14:21:27

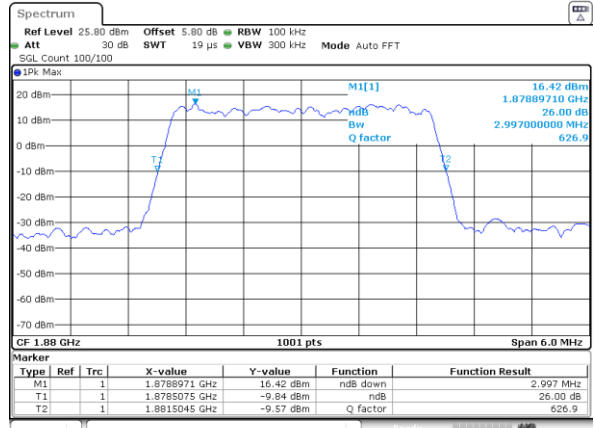
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 12.APR.2024 14:23:05

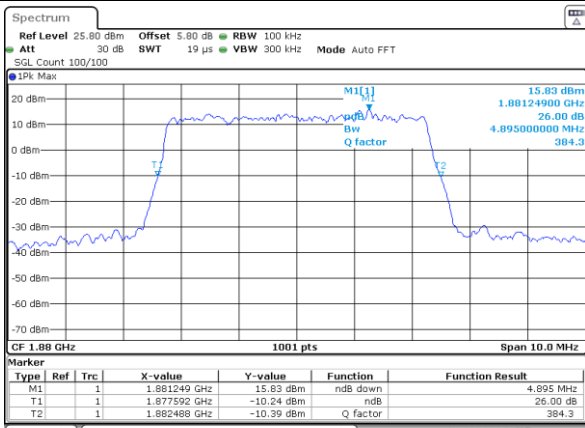
Middle Channel / 3MHz / 16QAM



Date: 12.APR.2024 14:22:10

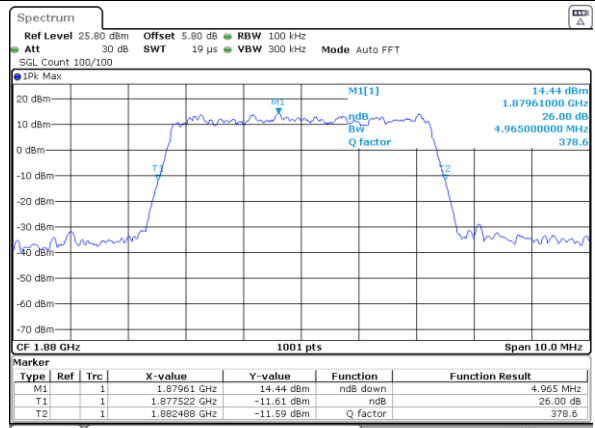
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 12.APR.2024 14:23:10

Middle Channel / 5MHz / 16QAM

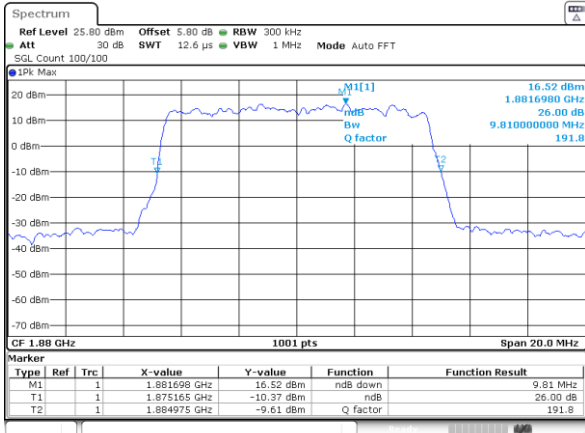


Date: 12.APR.2024 14:24:35



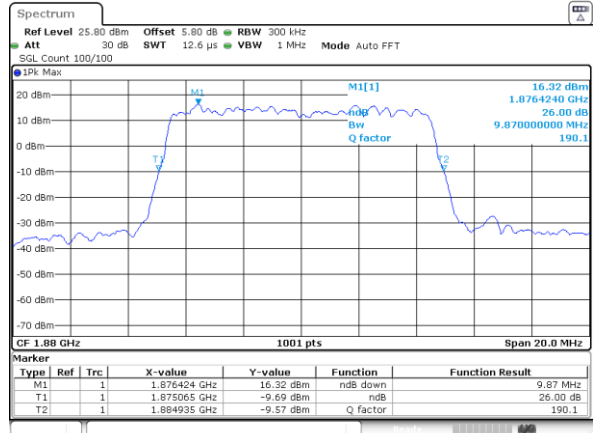
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 12.APR.2024 14:26:11

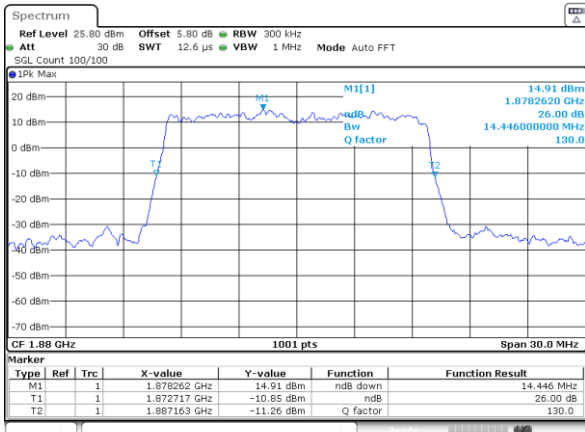
Middle Channel / 10MHz / 16QAM



Date: 12.APR.2024 14:25:123

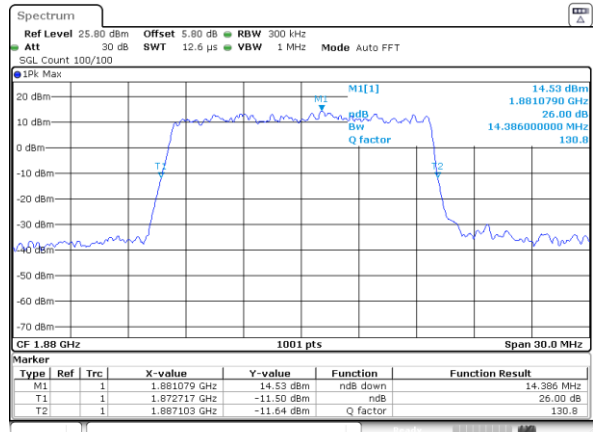
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 12.APR.2024 14:27:06

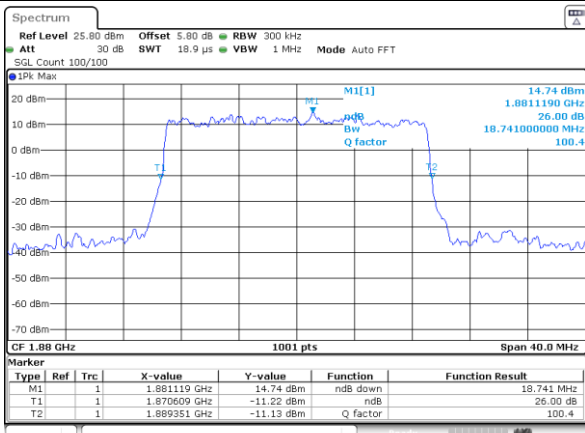
Middle Channel / 15MHz / 16QAM



Date: 12.APR.2024 14:27:51

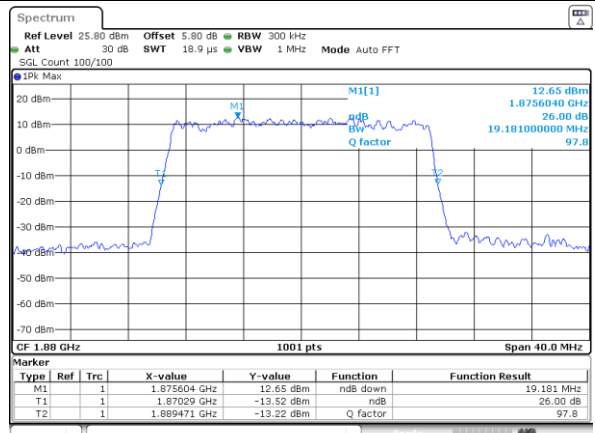
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 12.APR.2024 13:59:46

Middle Channel / 20MHz / 16QAM



Date: 12.APR.2024 13:59:07



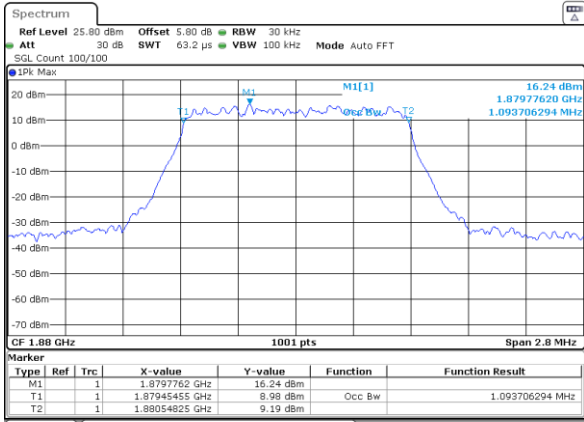
Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.09
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.73	2.70
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.47	4.50
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	8.99	8.97
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.34	13.37
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.78	17.90



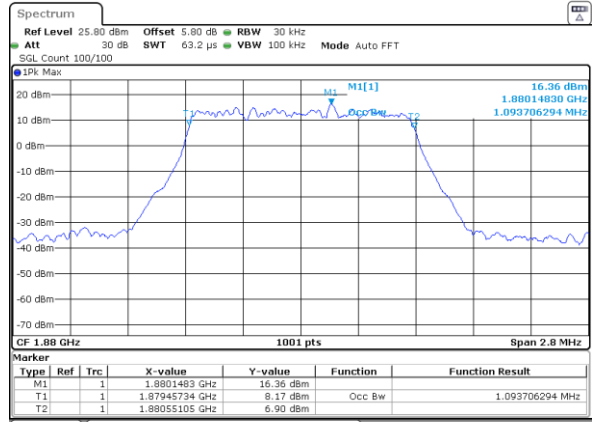
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 12.APR.2024 14:20:16

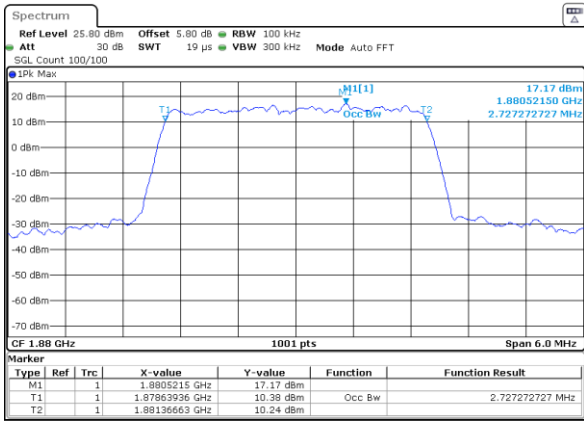
Middle Channel / 1.4MHz / 16QAM



Date: 12.APR.2024 14:21:07

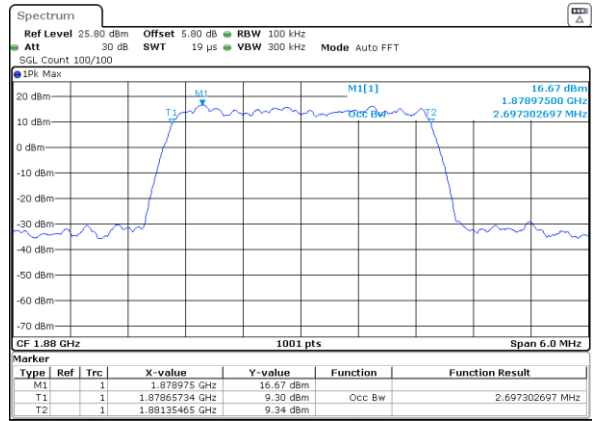
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 12.APR.2024 14:22:44

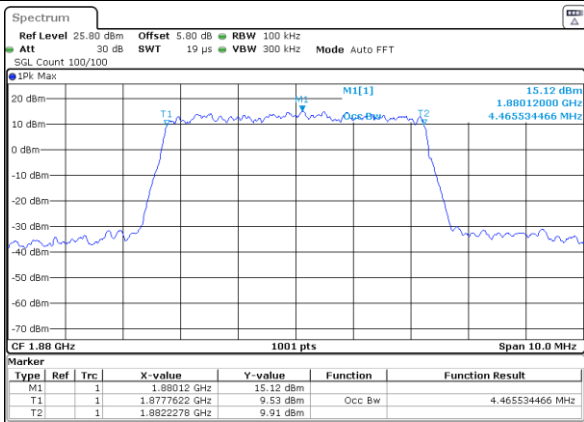
Middle Channel / 3MHz / 16QAM



Date: 12.APR.2024 14:21:57

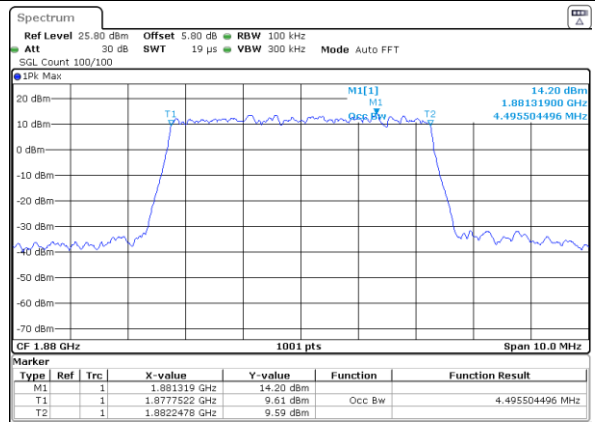
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 12.APR.2024 14:23:30

Middle Channel / 5MHz / 16QAM

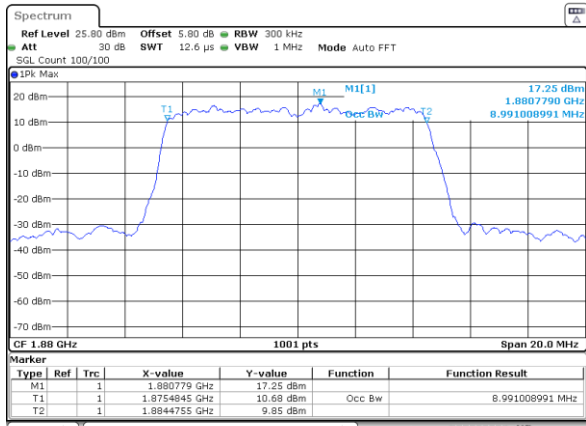


Date: 12.APR.2024 14:24:13



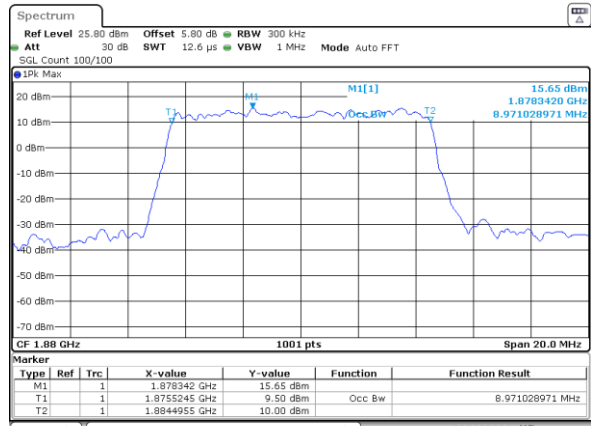
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 12.APR.2024 14:25:49

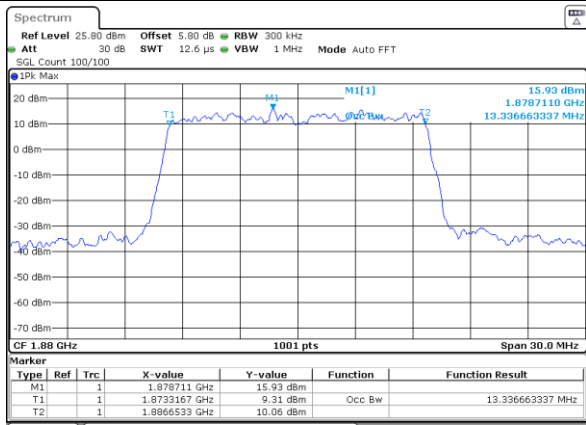
Middle Channel / 10MHz / 16QAM



Date: 12.APR.2024 14:25:02

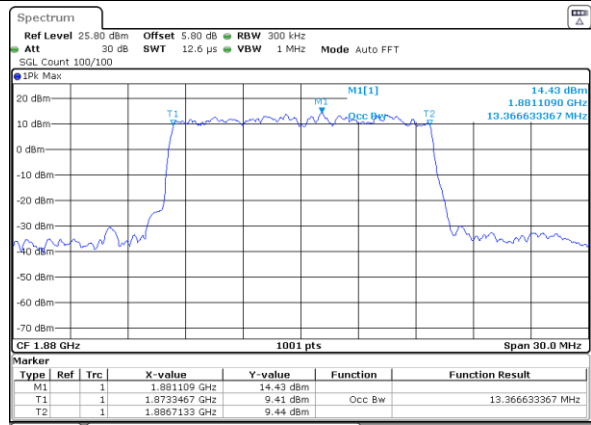
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 12.APR.2024 14:26:45

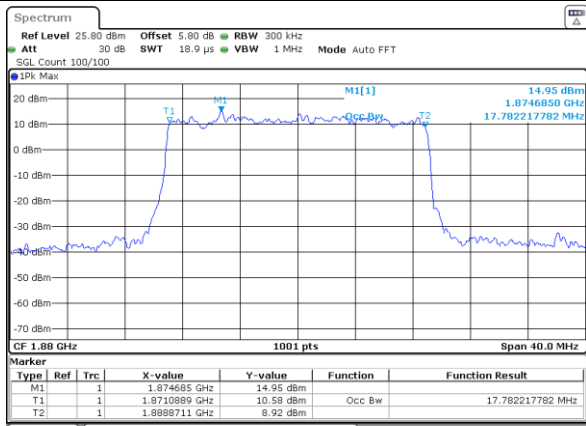
Middle Channel / 15MHz / 16QAM



Date: 12.APR.2024 14:27:30

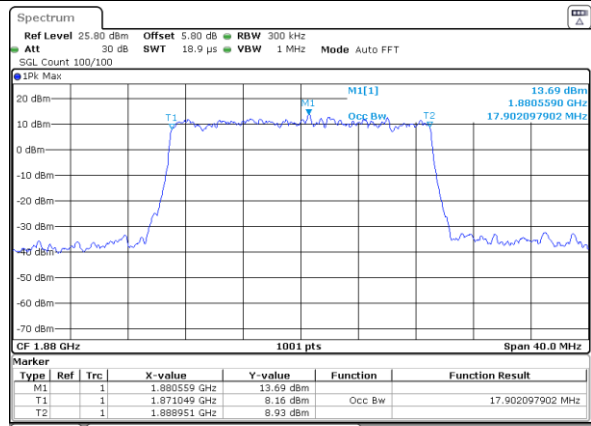
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 12.APR.2024 13:58:24

Middle Channel / 20MHz / 16QAM



Date: 12.APR.2024 13:59:29