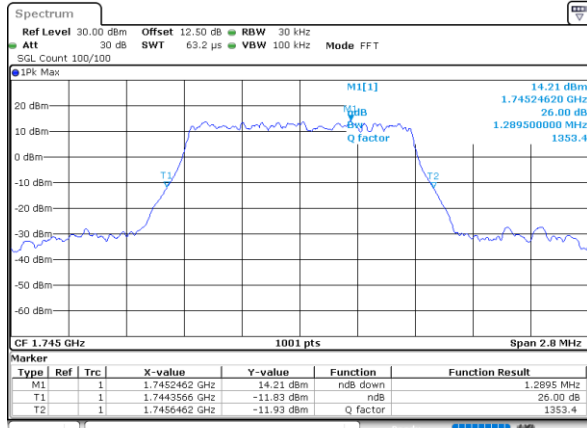




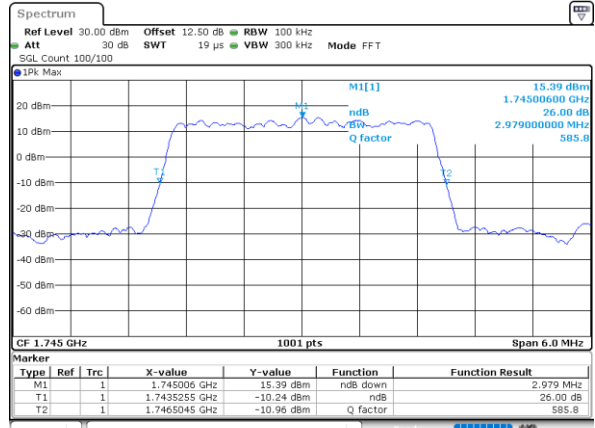
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



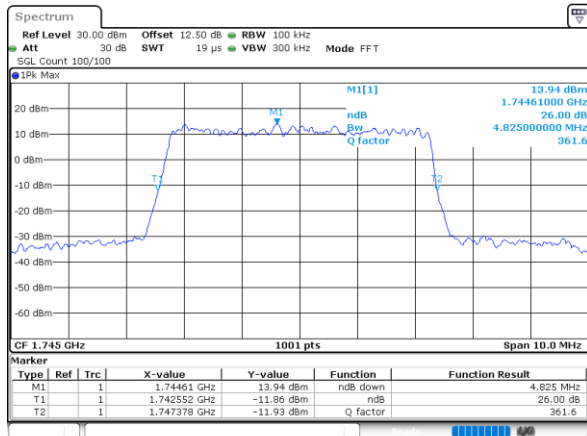
Date: 14.APR.2025 13:09:36

Middle Channel / 3MHz / 64QAM



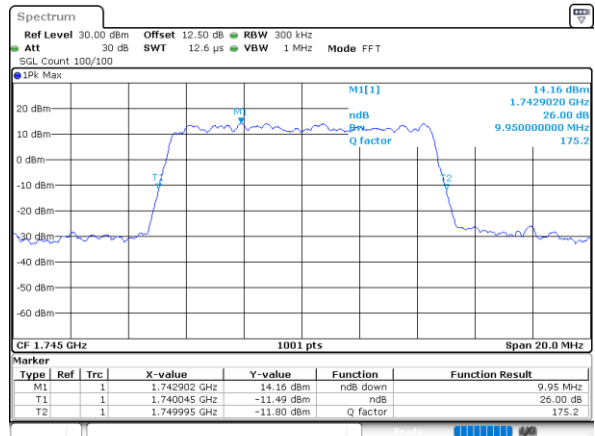
Date: 14.APR.2025 13:10:46

Middle Channel / 5MHz / 64QAM



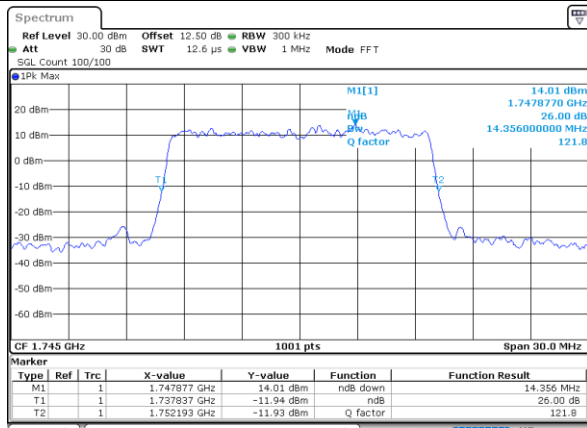
Date: 14.APR.2025 13:11:55

Middle Channel / 10MHz / 64QAM



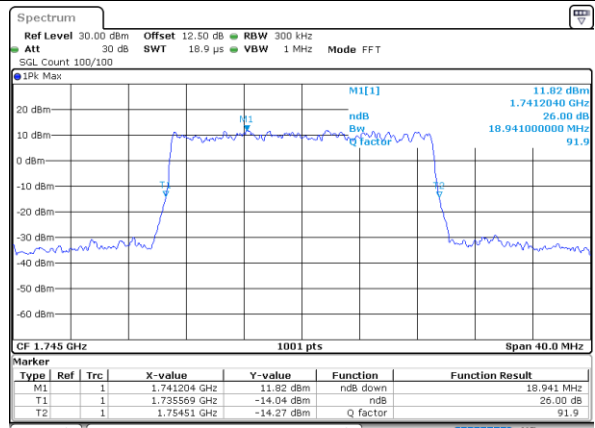
Date: 14.APR.2025 13:13:05

Middle Channel / 15MHz / 64QAM



Date: 14.APR.2025 13:14:15

Middle Channel / 20MHz / 64QAM



Date: 14.APR.2025 13:15:25

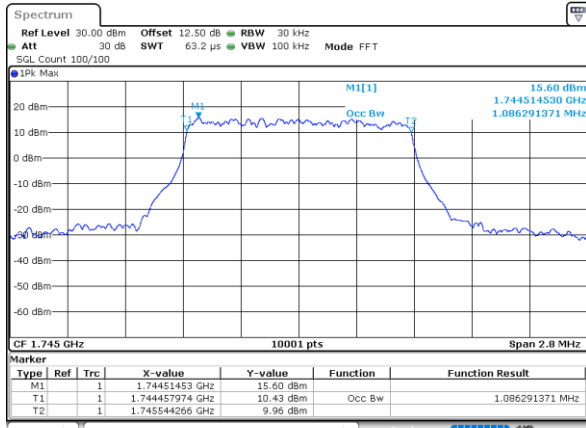
**Occupied Bandwidth**

Mode	LTE Band 66 : 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	1.08	1.10	2.72	2.72	4.48	4.48	9.00	8.98	13.43	13.45	17.87	17.93
Mode	LTE Band 66 : 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	-	2.72	-	4.49	-	9.05	-	13.41	-	17.87	-



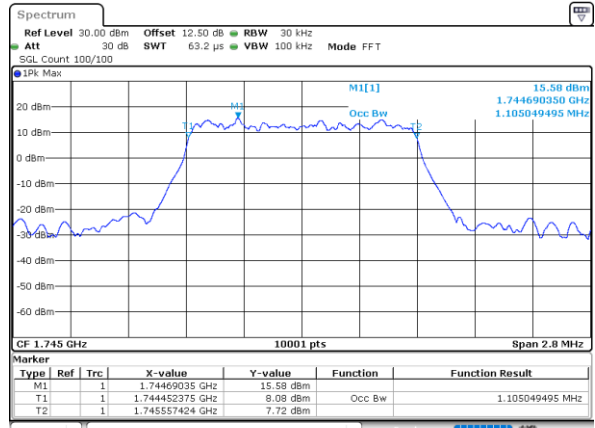
LTE Band 66

Middle Channel / 1.4MHz / QPSK



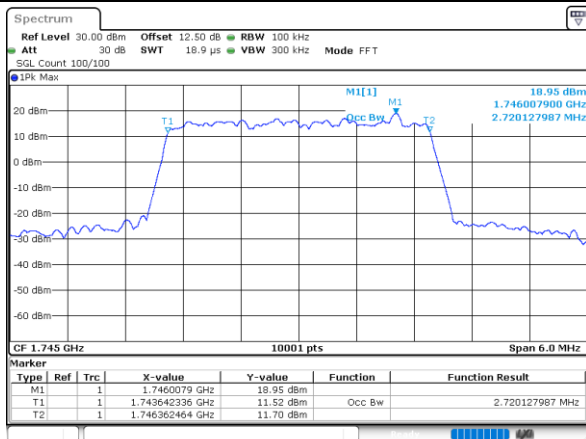
Date: 14.APR.2025 13:01:50

Middle Channel / 1.4MHz / 16QAM



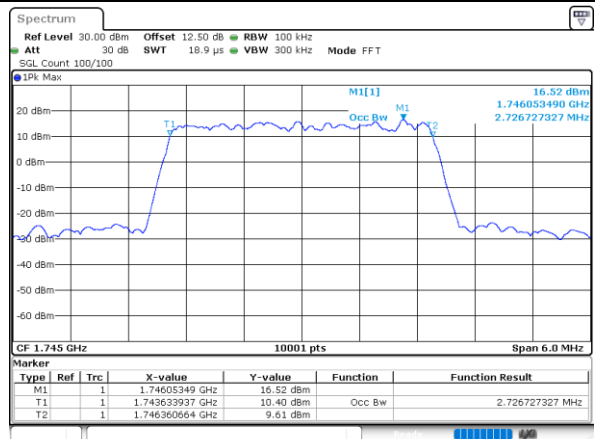
Date: 14.APR.2025 13:02:13

Middle Channel / 3MHz / QPSK



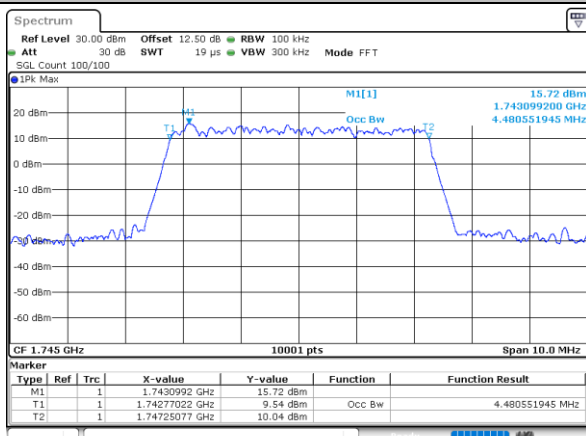
Date: 14.APR.2025 13:03:00

Middle Channel / 3MHz / 16QAM



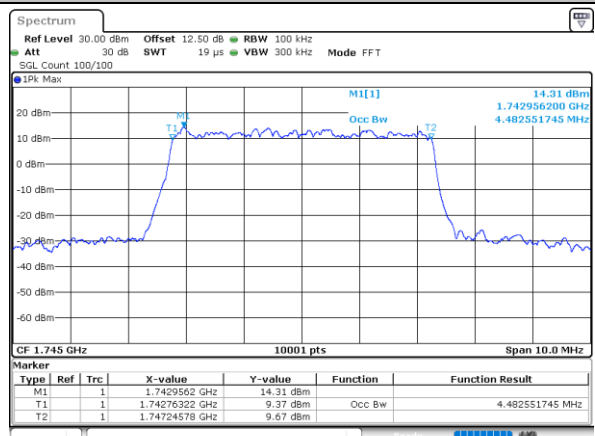
Date: 14.APR.2025 13:03:23

Middle Channel / 5MHz / QPSK



Date: 14.APR.2025 13:04:10

Middle Channel / 5MHz / 16QAM

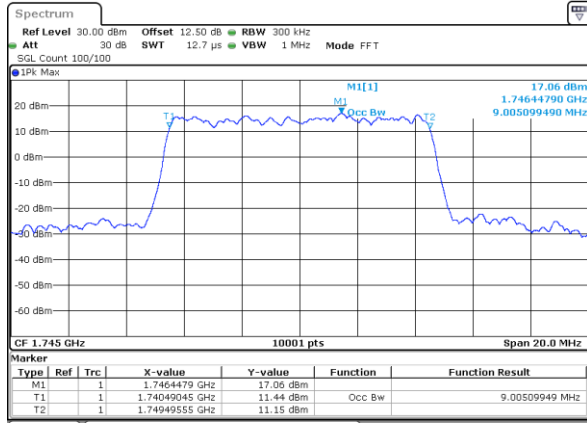


Date: 14.APR.2025 13:04:33



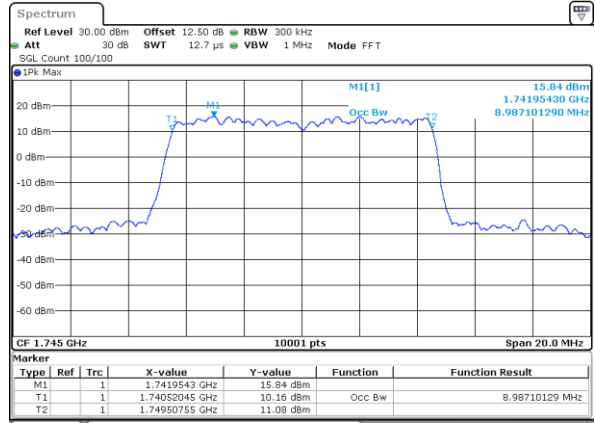
LTE Band 66

Middle Channel / 10MHz / QPSK



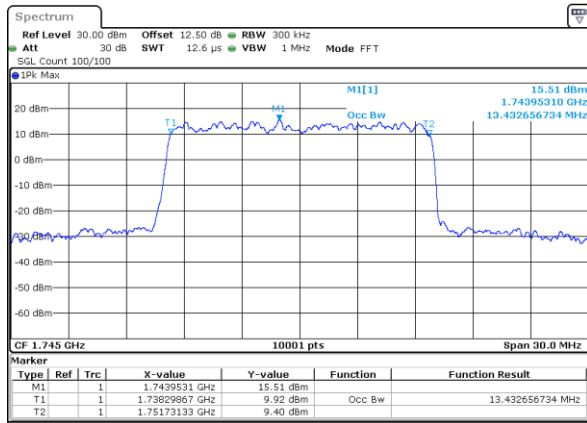
Date: 14.APR.2025 13:05:20

Middle Channel / 10MHz / 16QAM



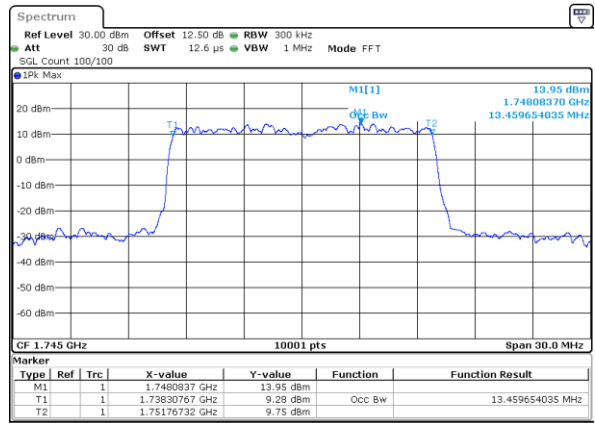
Date: 14.APR.2025 13:05:43

Middle Channel / 15MHz / QPSK



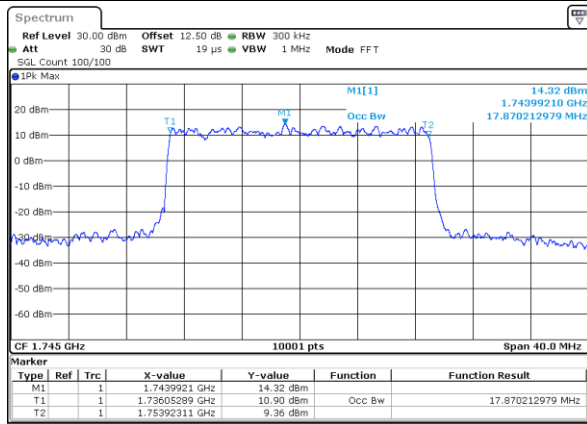
Date: 14.APR.2025 13:06:30

Middle Channel / 15MHz / 16QAM



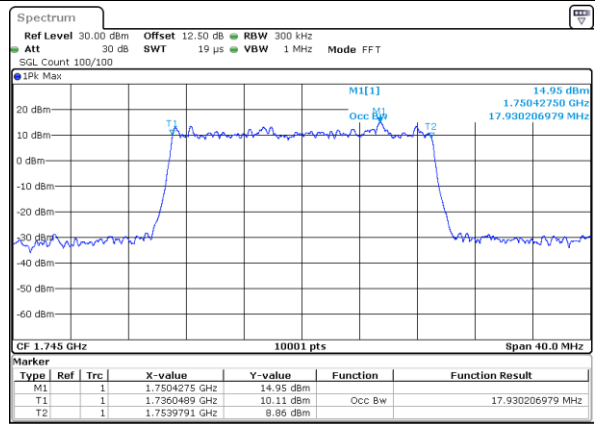
Date: 14.APR.2025 13:06:53

Middle Channel / 20MHz / QPSK



Date: 14.APR.2025 13:07:40

Middle Channel / 20MHz / 16QAM

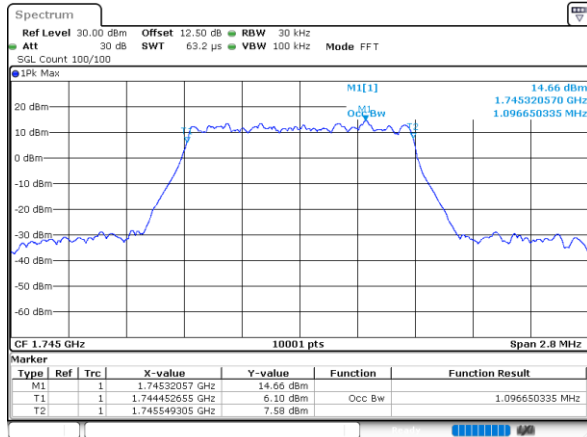


Date: 14.APR.2025 13:08:03

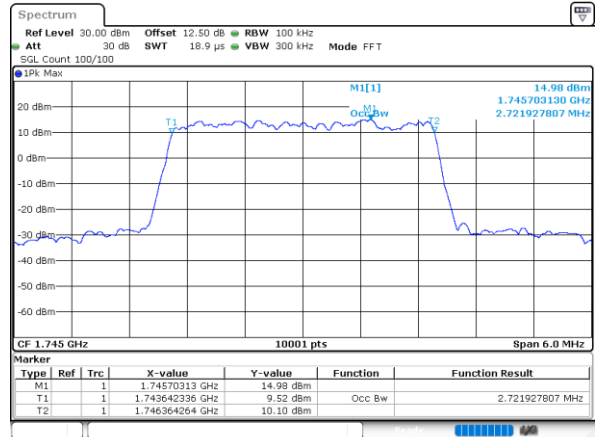


LTE Band 66

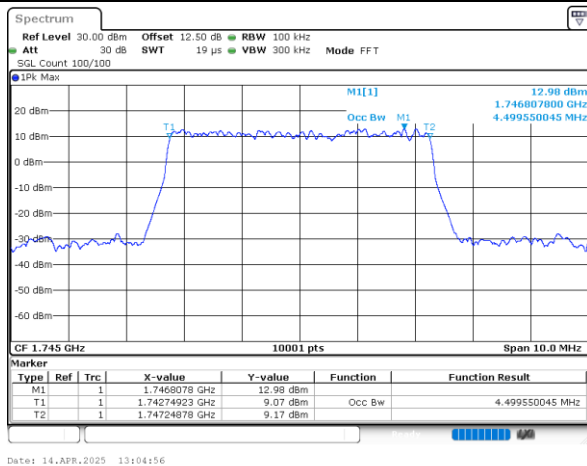
Middle Channel / 1.4MHz / 64QAM



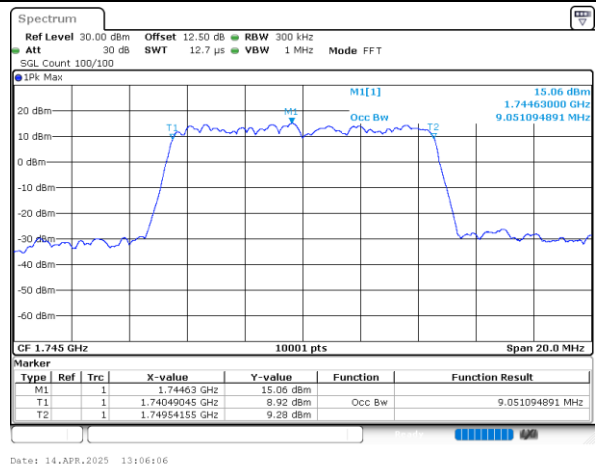
Middle Channel / 3MHz / 64QAM



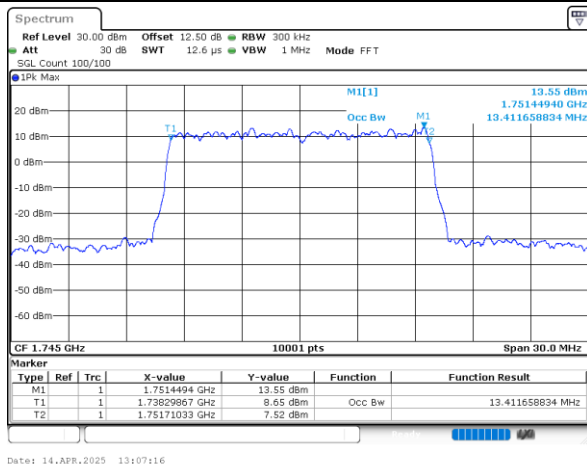
Middle Channel / 5MHz / 64QAM



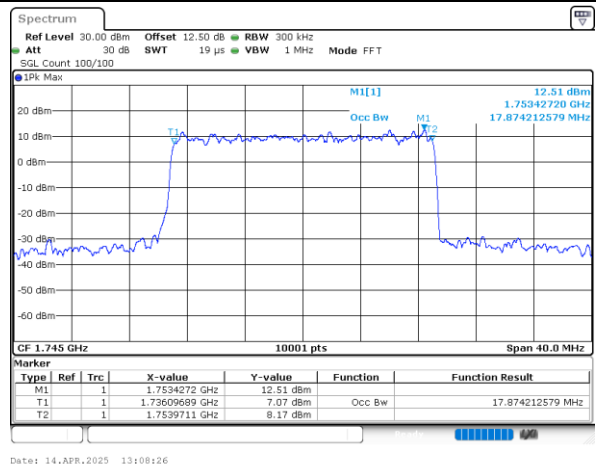
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM





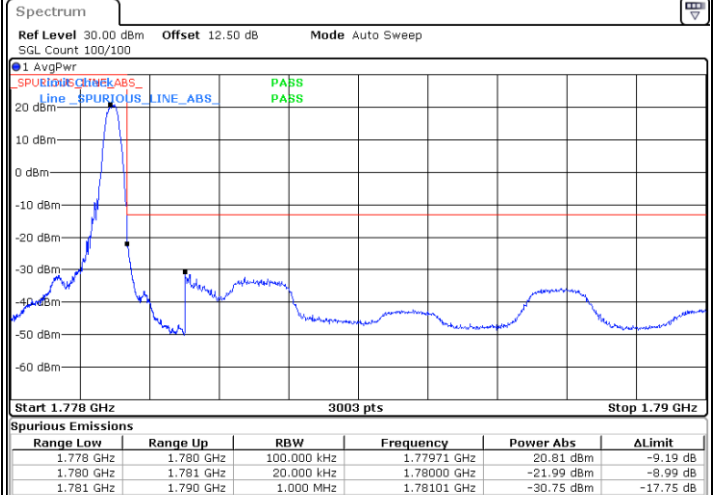
Conducted Band Edge

LTE Band 66 / 1.4MHz / QPSK

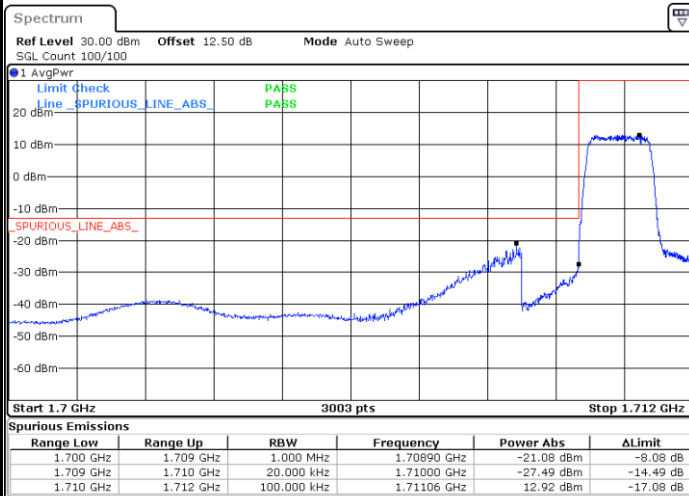
Lowest Band Edge / 1RB



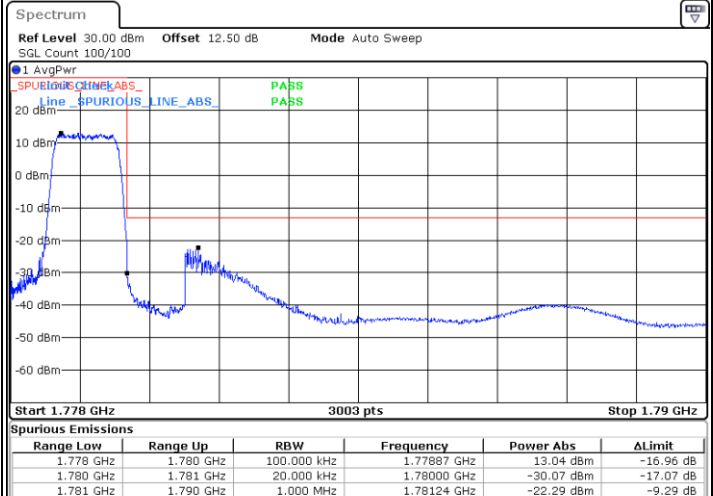
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



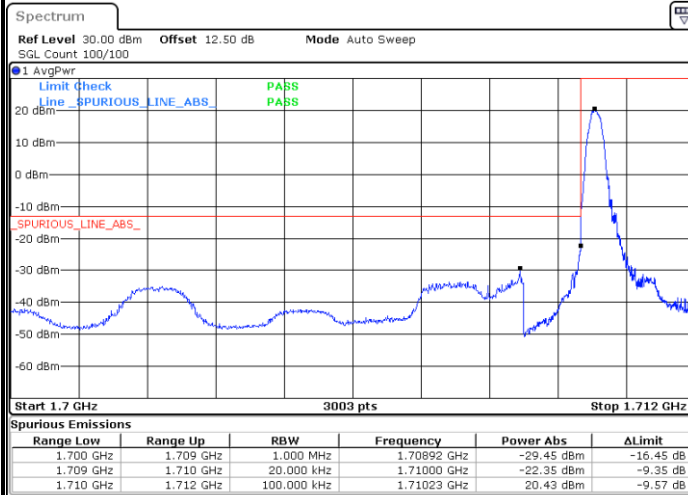
Highest Band Edge / Full RB





LTE Band 66 / 1.4MHz / 16QAM

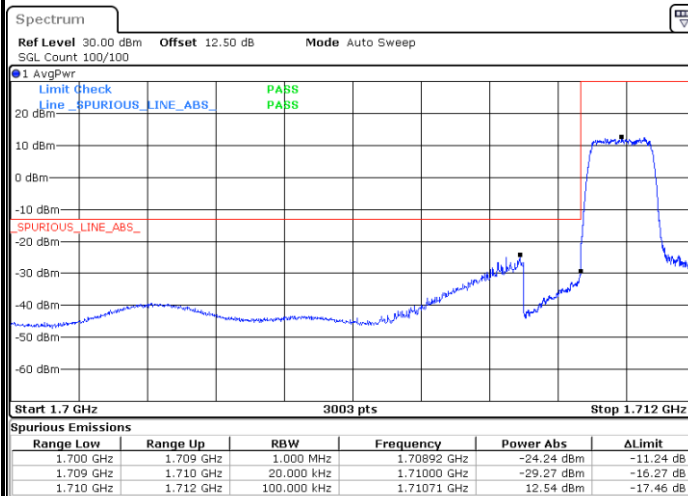
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



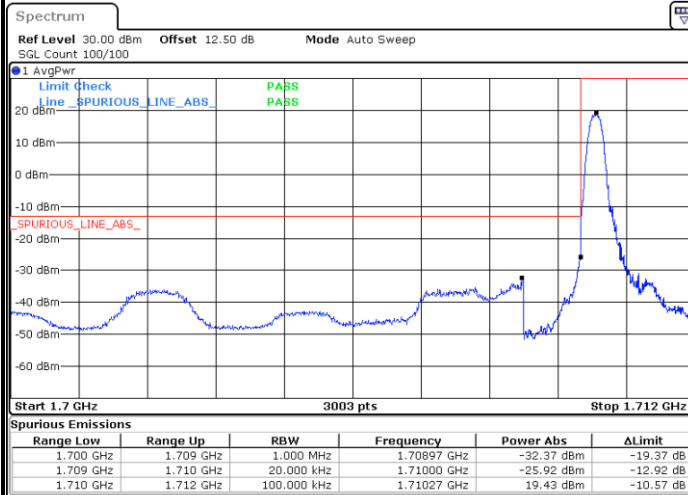
Highest Band Edge / Full RB



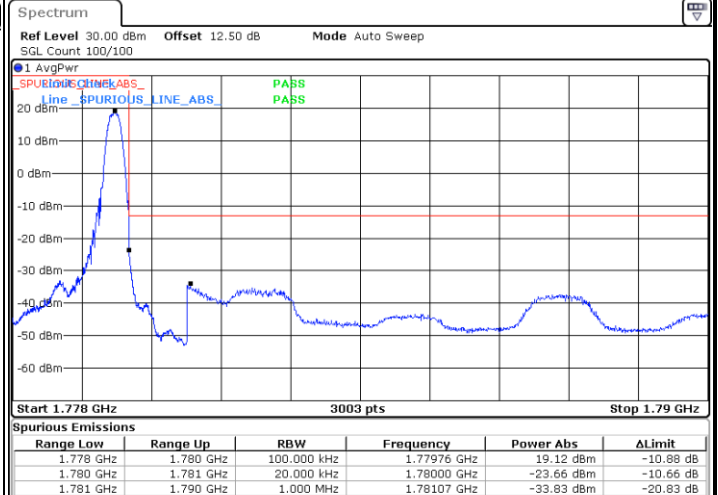


LTE Band 66 / 1.4MHz / 64QAM

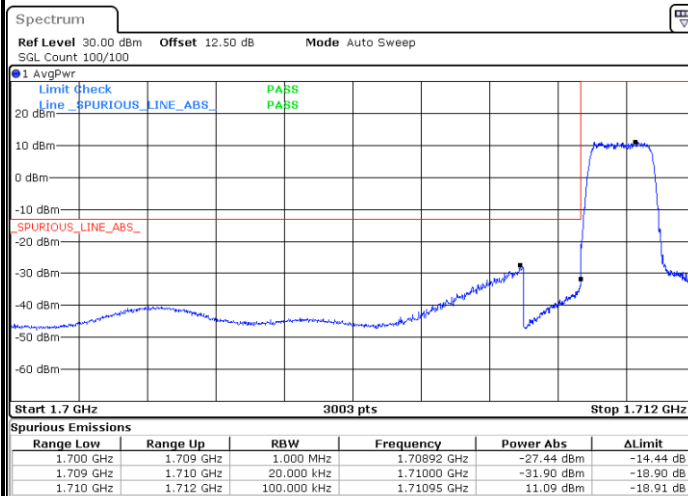
Lowest Band Edge / 1 RB



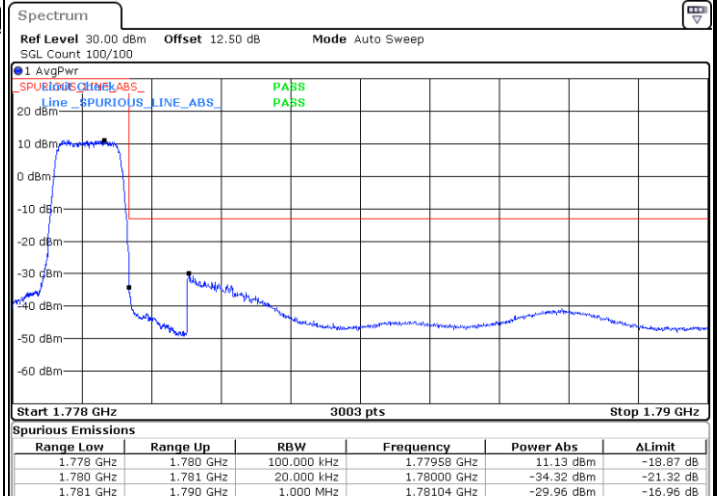
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



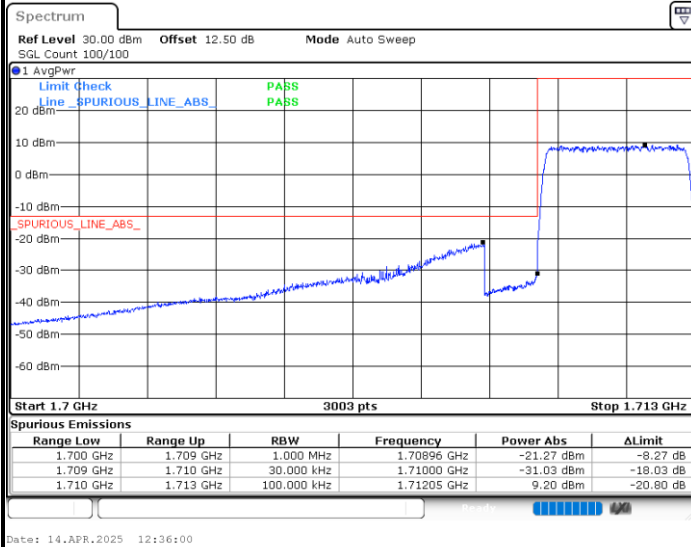
Highest Band Edge / Full RB



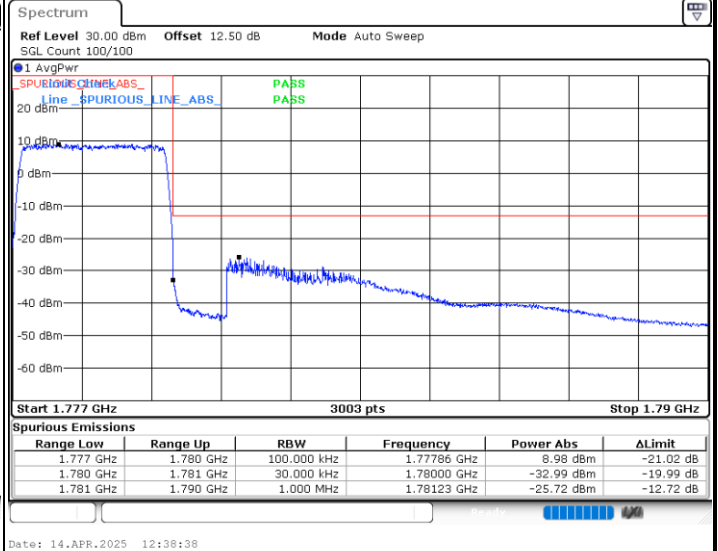


LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / Full RB

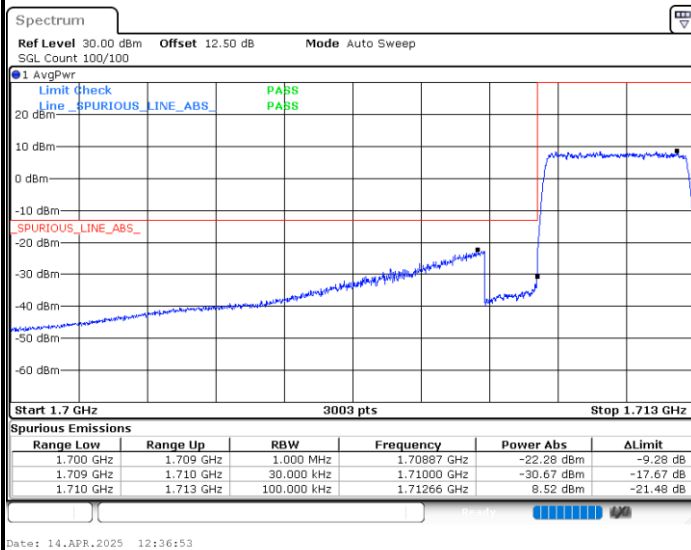


Highest Band Edge / Full RB

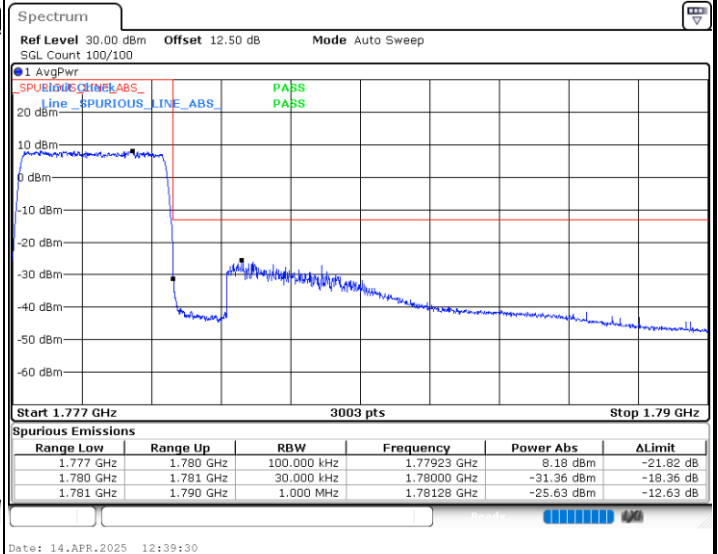


LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / Full RB



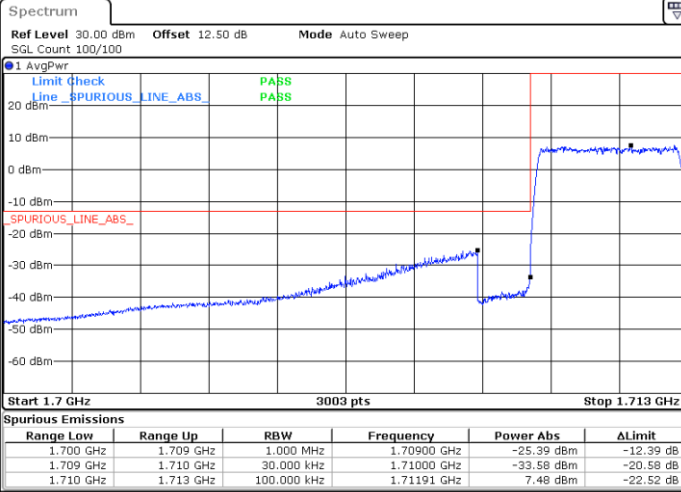
Highest Band Edge / Full RB





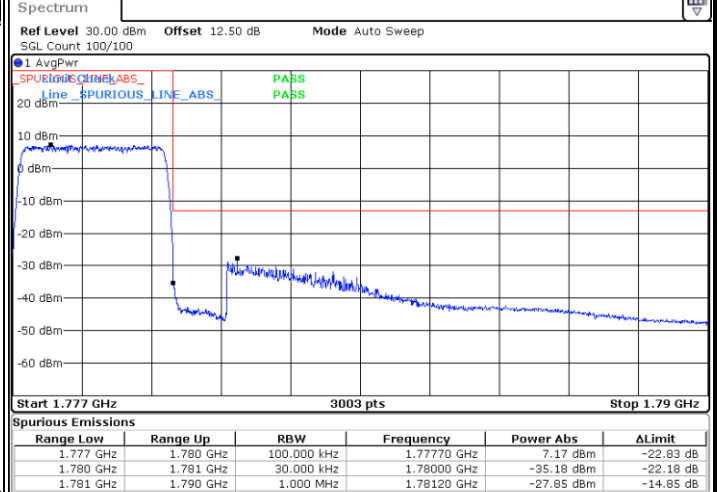
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / Full RB



Date: 14.APR.2025 12:37:45

Highest Band Edge / Full RB

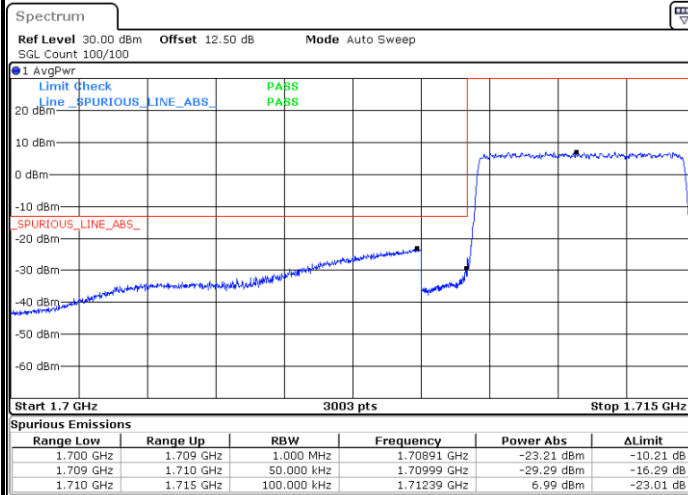


Date: 14.APR.2025 12:40:23

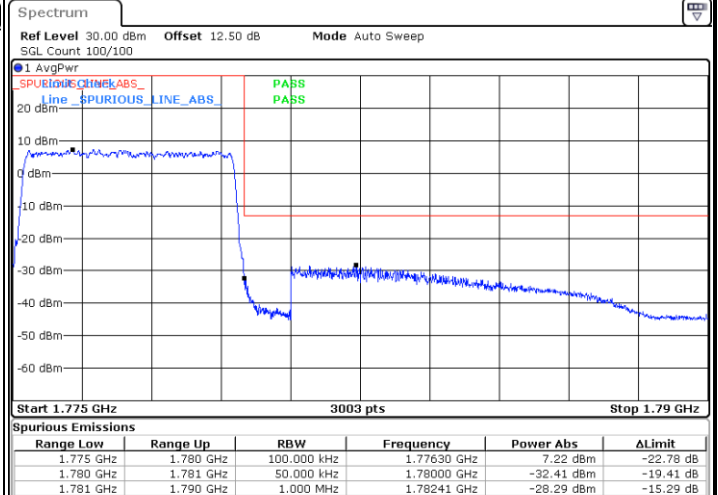


LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / Full RB

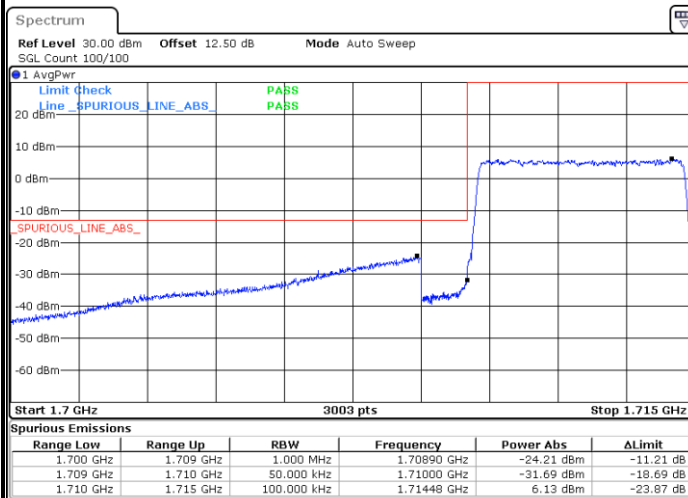


Highest Band Edge / Full RB

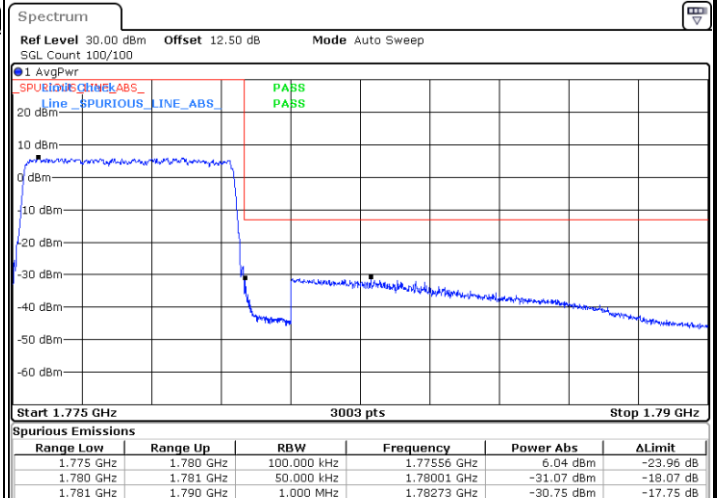


LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

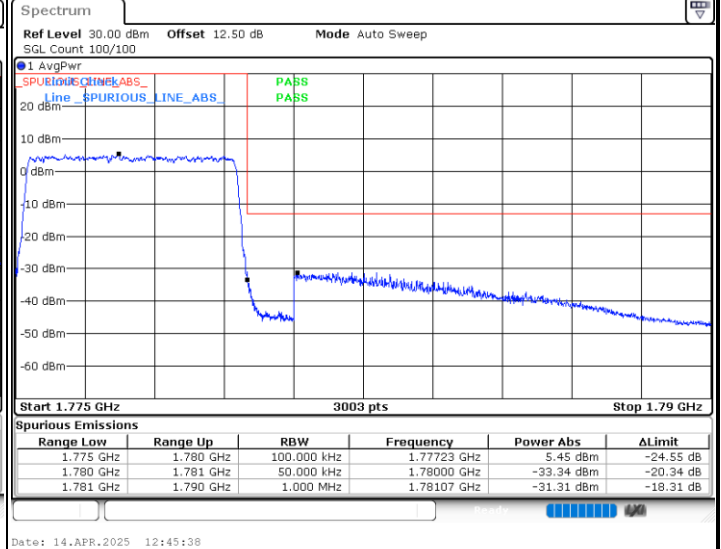
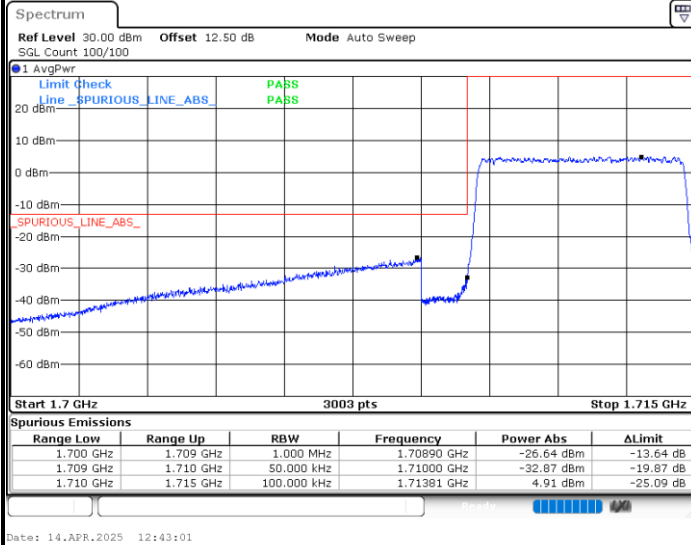




LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / Full RB

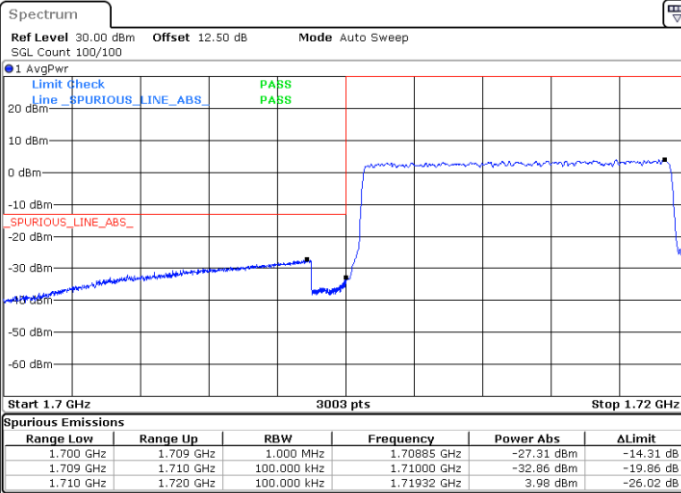
Highest Band Edge / Full RB



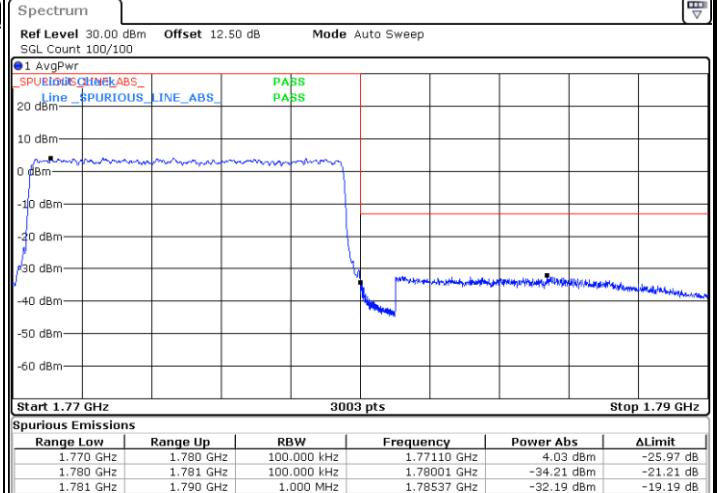


LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / Full RB

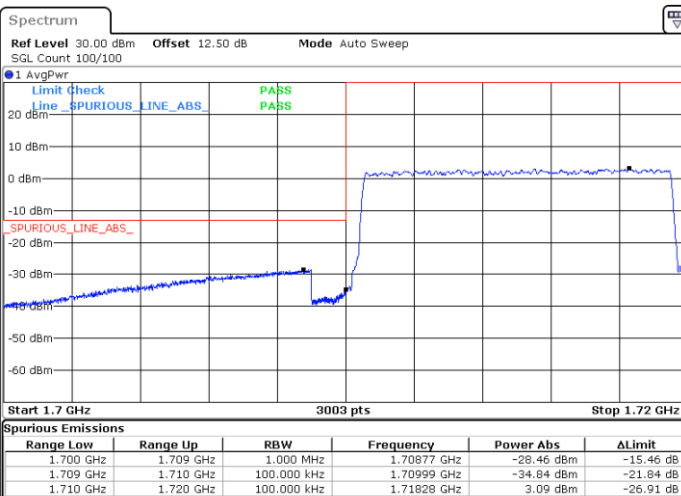


Highest Band Edge / Full RB

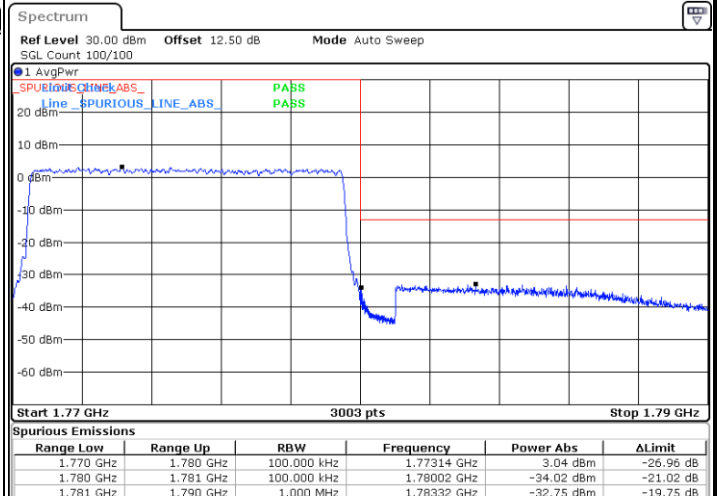


LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

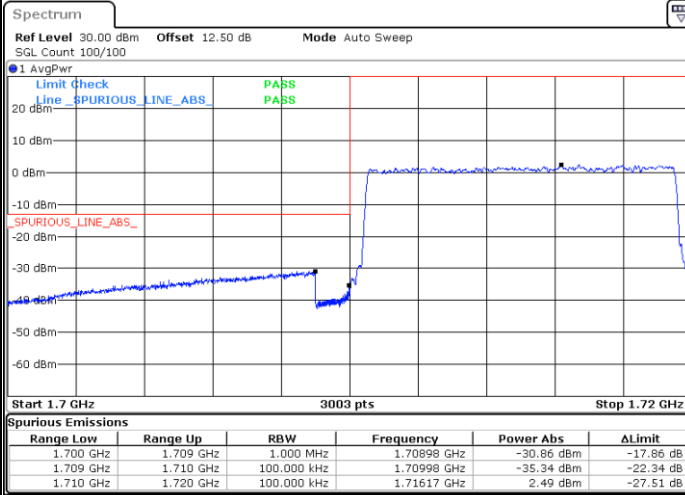




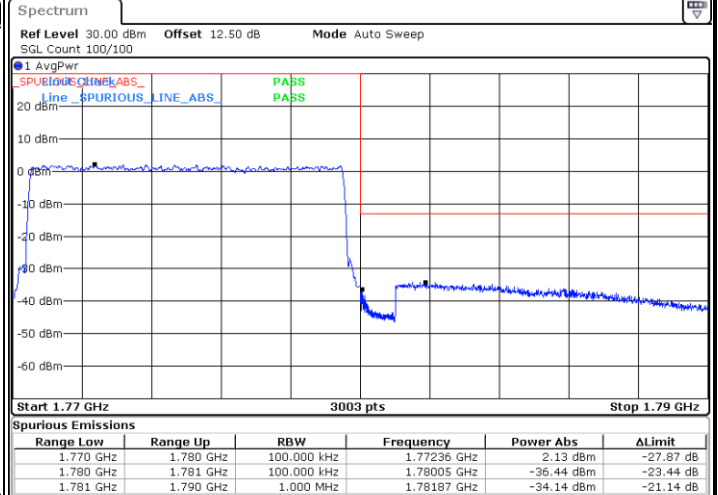
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 14.APR.2025 12:48:16

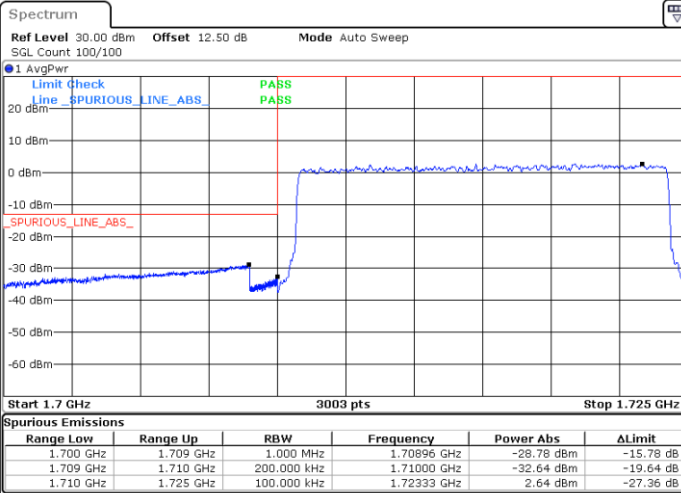


Date: 14.APR.2025 12:50:54

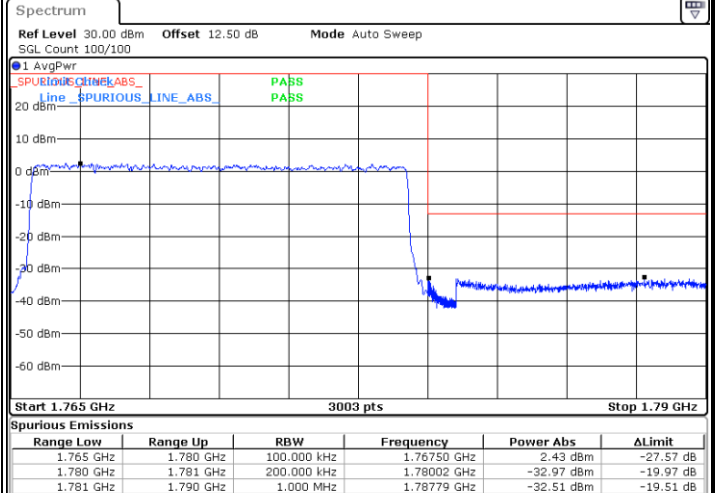


LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / Full RB

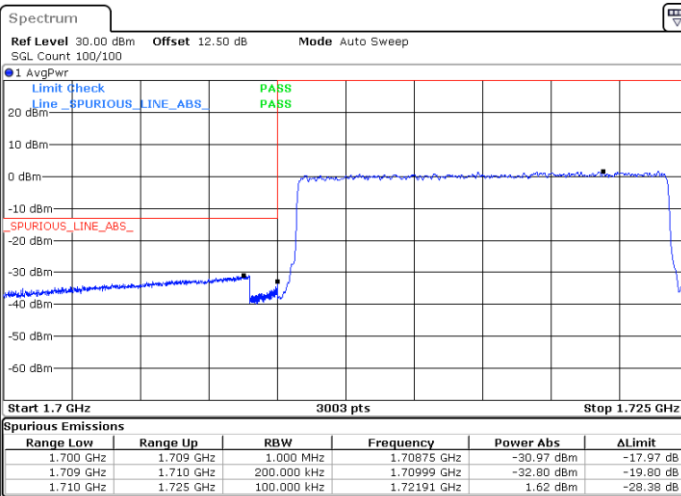


Highest Band Edge / Full RB

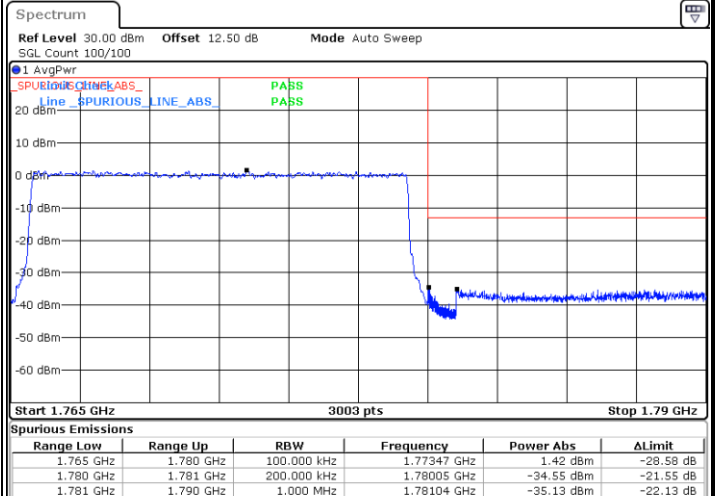


LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

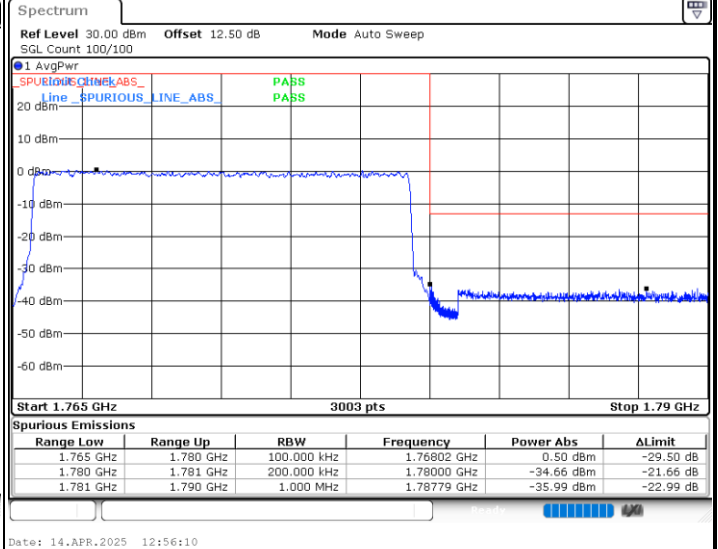
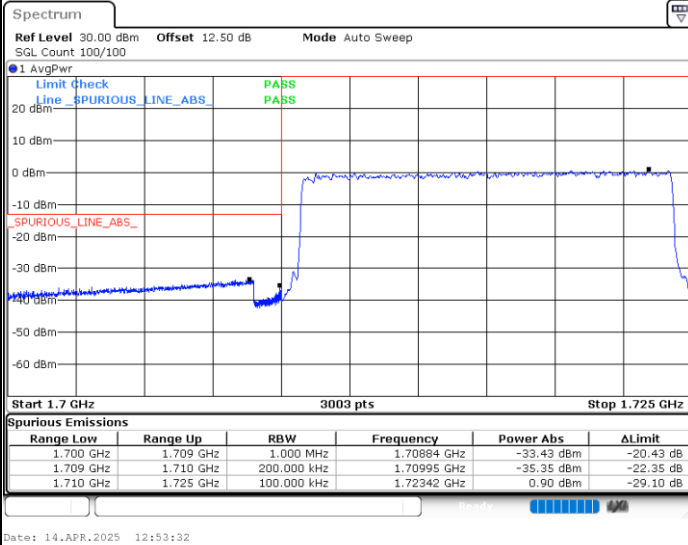




LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / Full RB

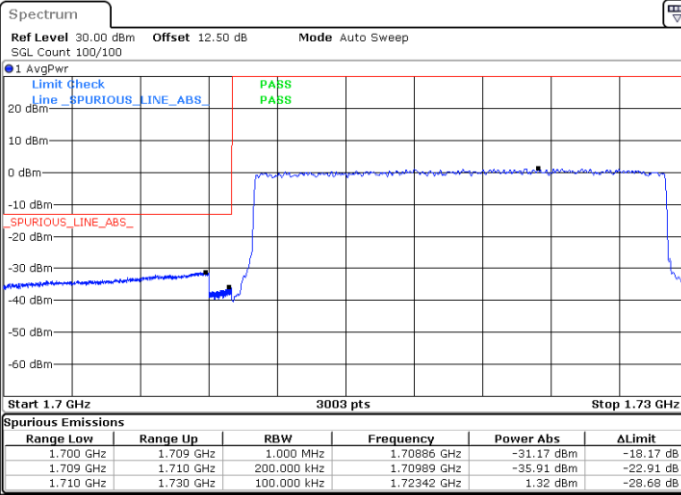
Highest Band Edge / Full RB



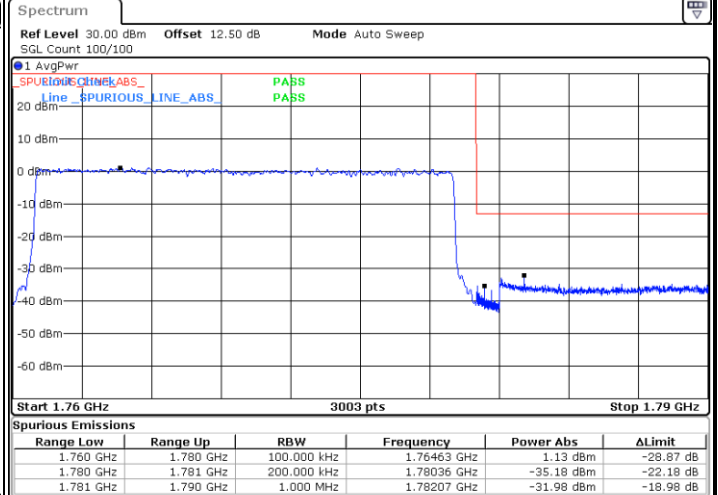


LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / Full RB

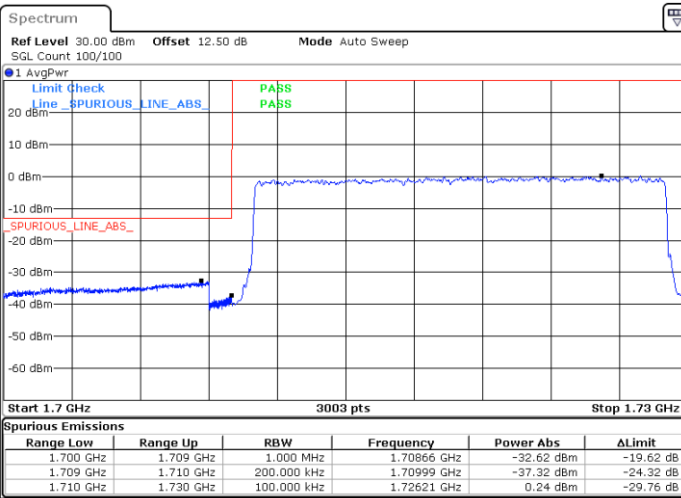


Highest Band Edge / Full RB

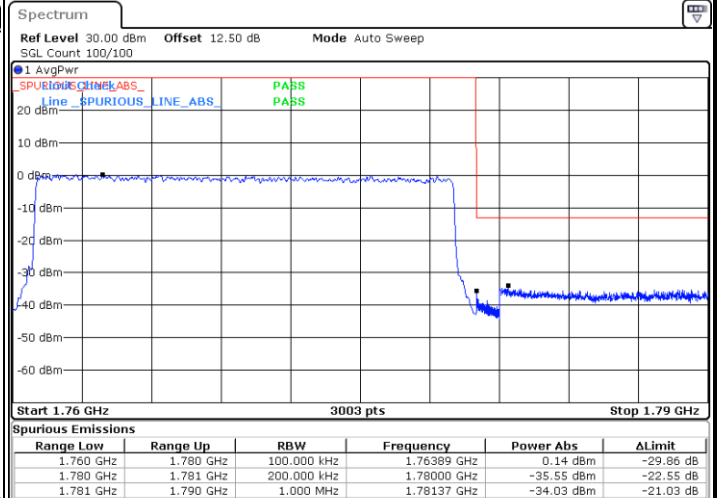


LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

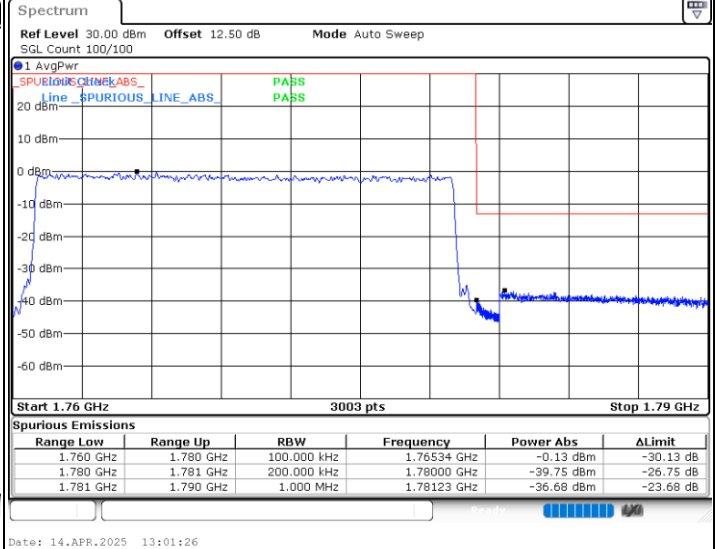
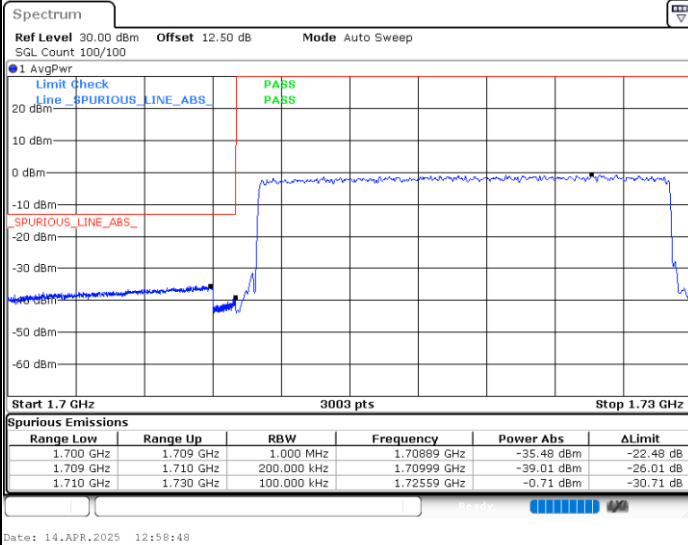




LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB





Lowest Channel / QPSK



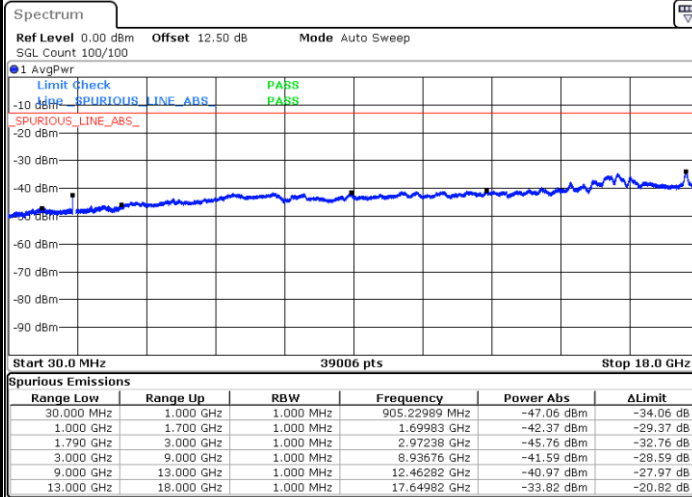
Date: 14.APR.2025 13:19:02

Date: 14.APR.2025 13:20:15



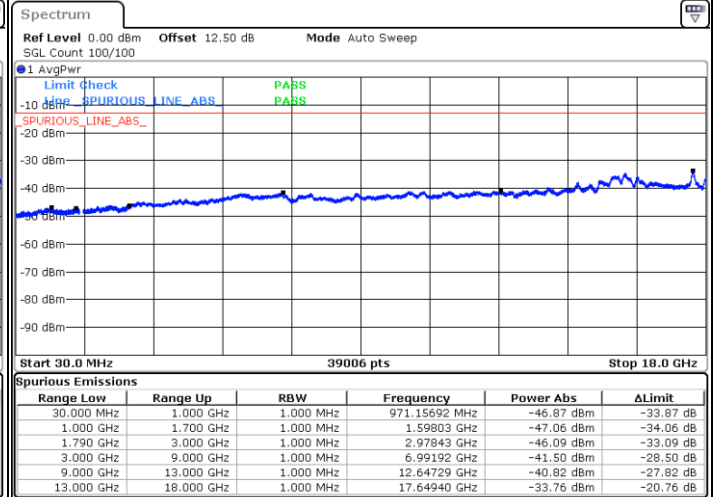
LTE Band 66 / 3MHz

Lowest Channel / QPSK



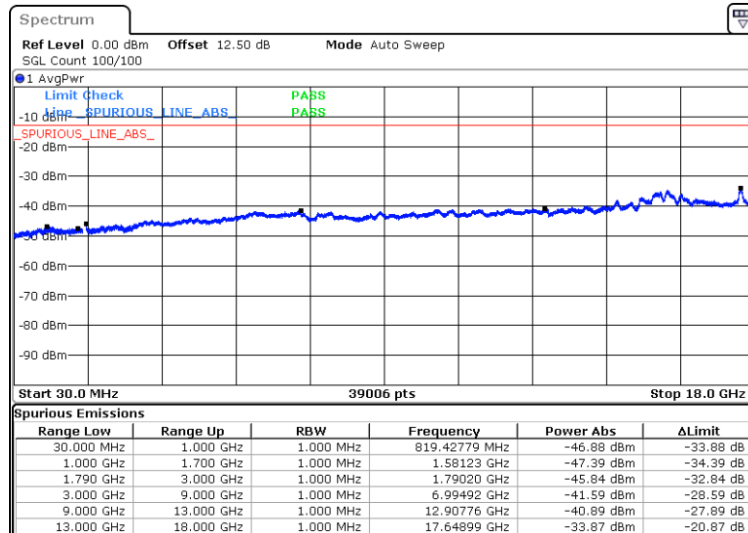
Date: 14.APR.2025 13:21:29

Middle Channel / QPSK



Date: 14.APR.2025 13:22:43

Highest Channel / QPSK

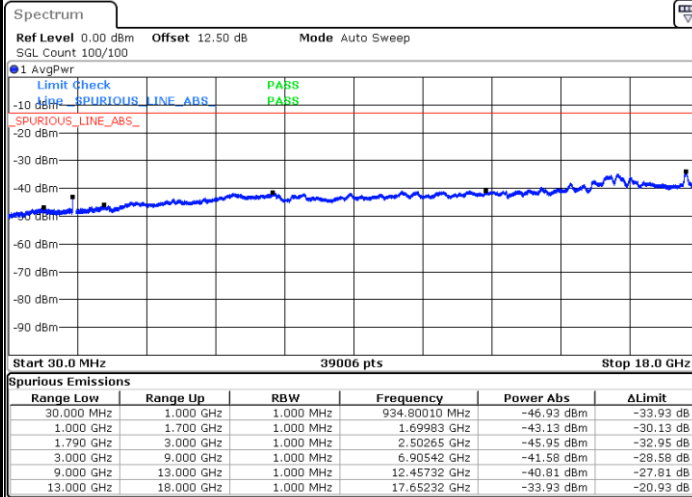


Date: 14.APR.2025 13:23:56



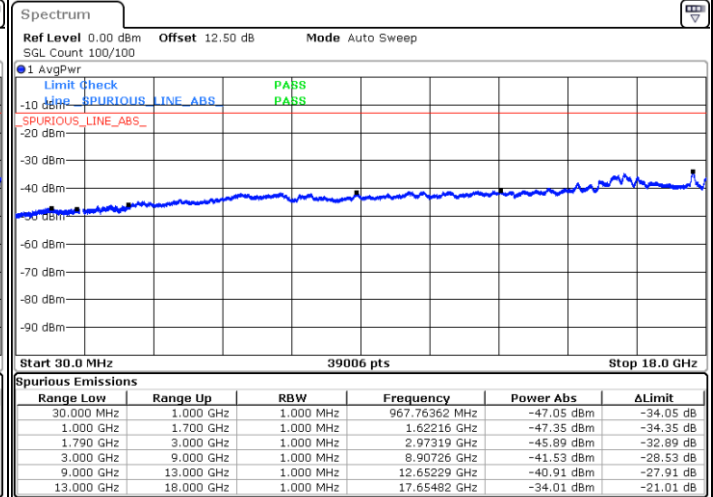
LTE Band 66 / 5MHz

Lowest Channel / QPSK



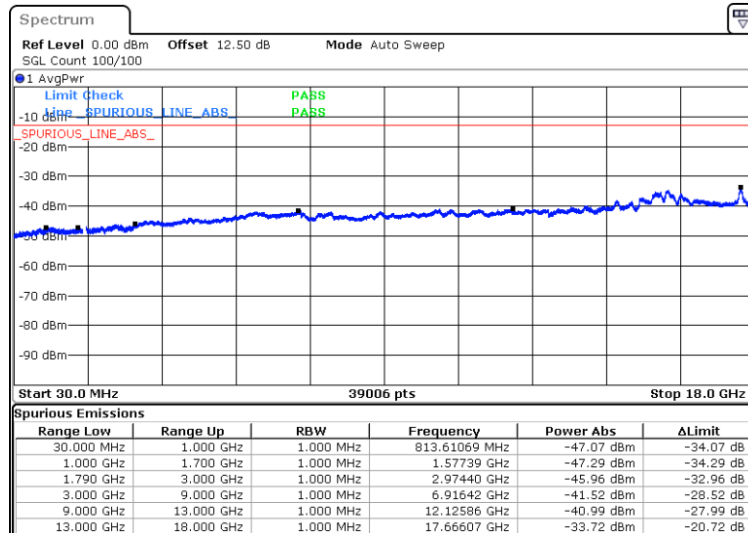
Date: 14.APR.2025 13:25:10

Middle Channel / QPSK



Date: 14.APR.2025 13:26:23

Highest Channel / QPSK

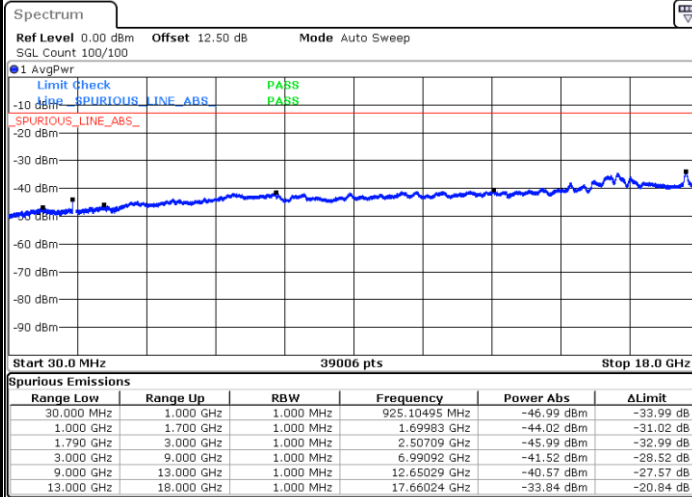


Date: 14.APR.2025 13:27:36



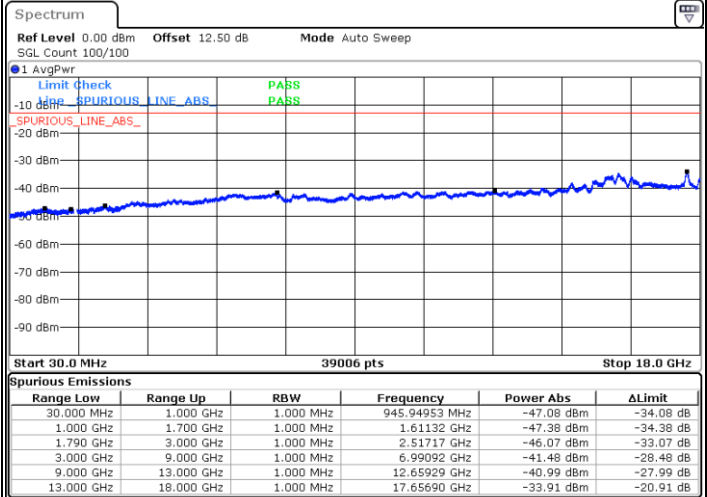
LTE Band 66 / 10MHz

Lowest Channel / QPSK



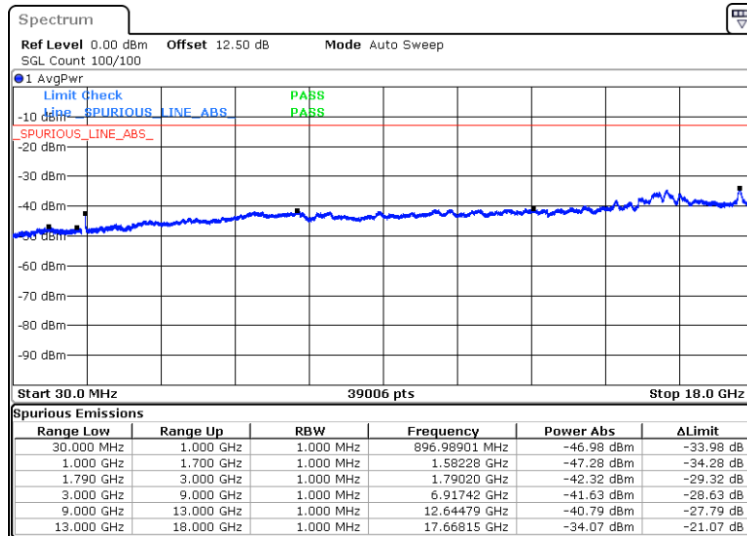
Date: 14.APR.2025 13:28:50

Middle Channel / QPSK



Date: 14.APR.2025 13:30:03

Highest Channel / QPSK

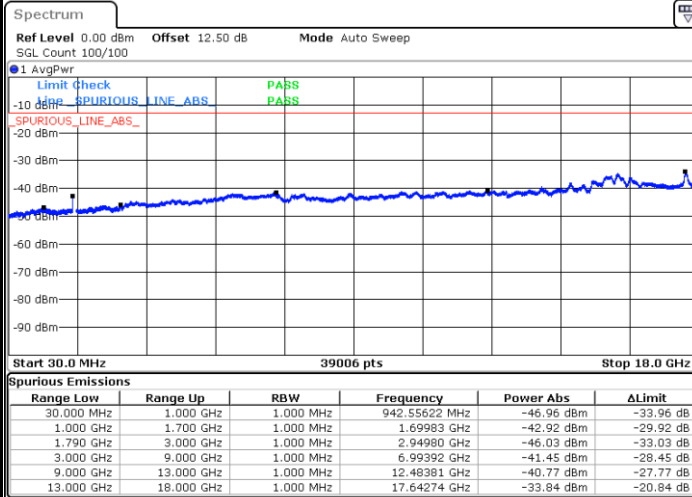


Date: 14.APR.2025 13:31:17



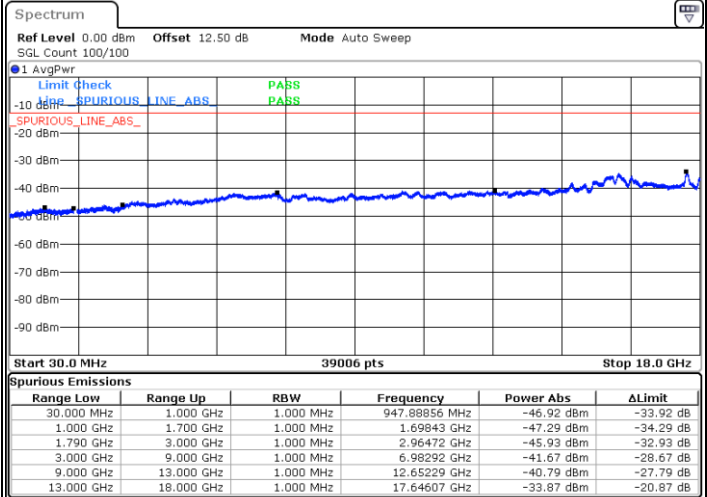
LTE Band 66 / 15MHz

Lowest Channel / QPSK



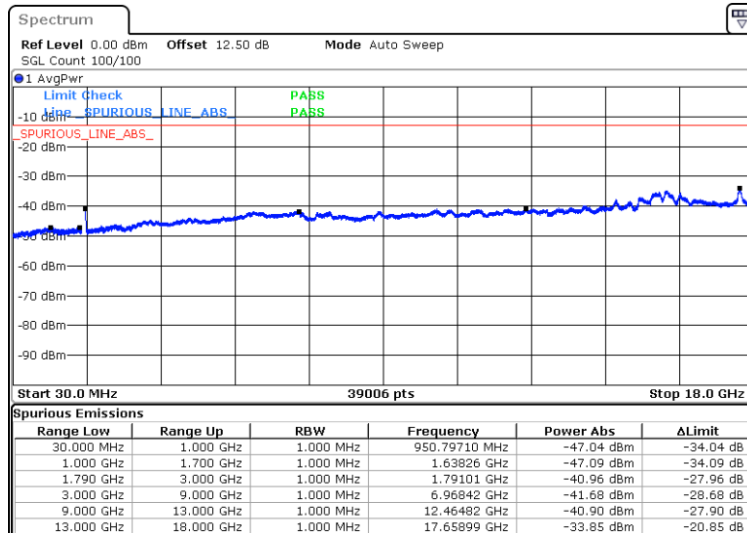
Date: 14.APR.2025 13:32:30

Middle Channel / QPSK



Date: 14.APR.2025 13:33:44

Highest Channel / QPSK

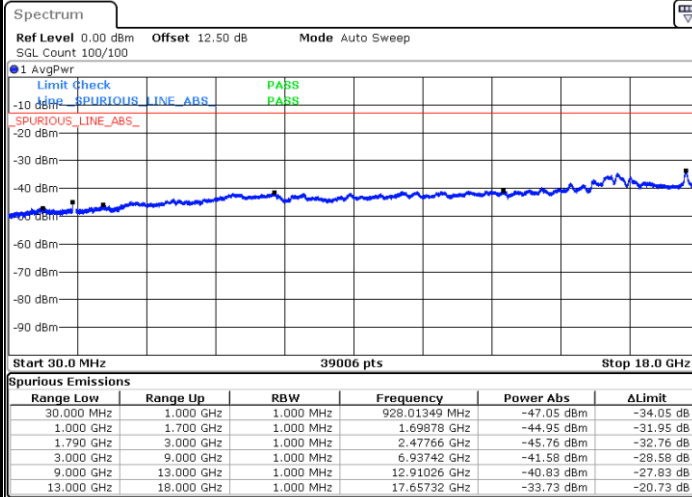


Date: 14.APR.2025 13:34:57



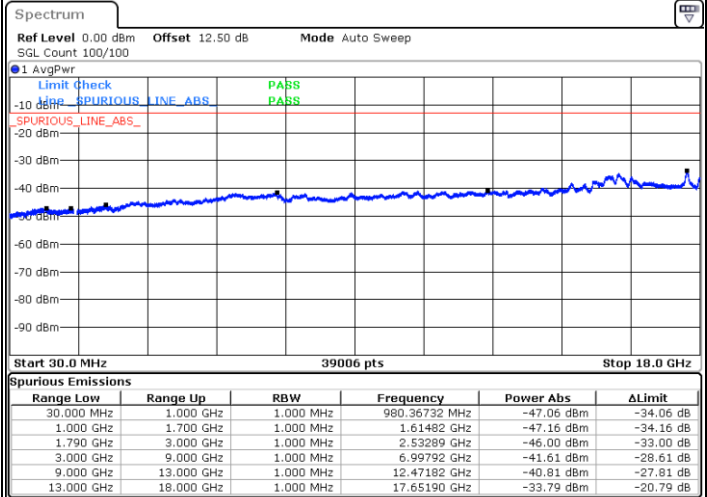
LTE Band 66 / 20MHz

Lowest Channel / QPSK



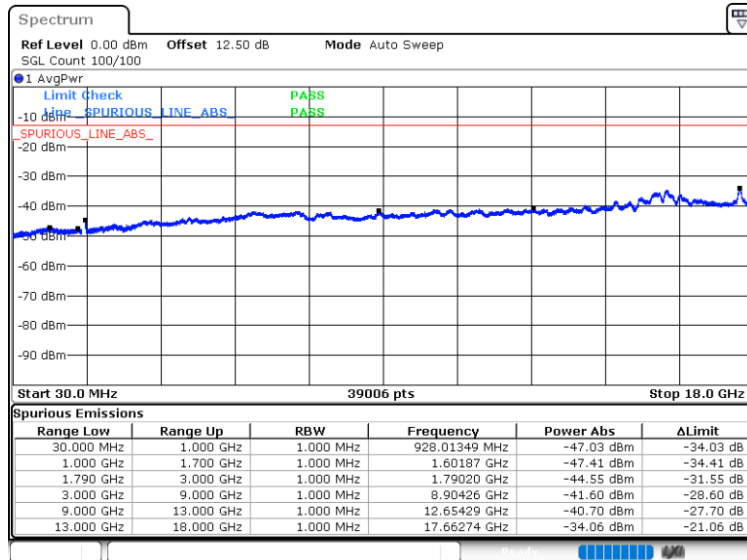
Date: 14.APR.2025 13:36:11

Middle Channel / QPSK



Date: 14.APR.2025 13:37:25

Highest Channel / QPSK



Date: 14.APR.2025 13:38:38

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	0.0093	PASS
40	Normal Voltage	0.0065	
30	Normal Voltage	0.0040	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0042	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0045	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0048	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0001	

Note:

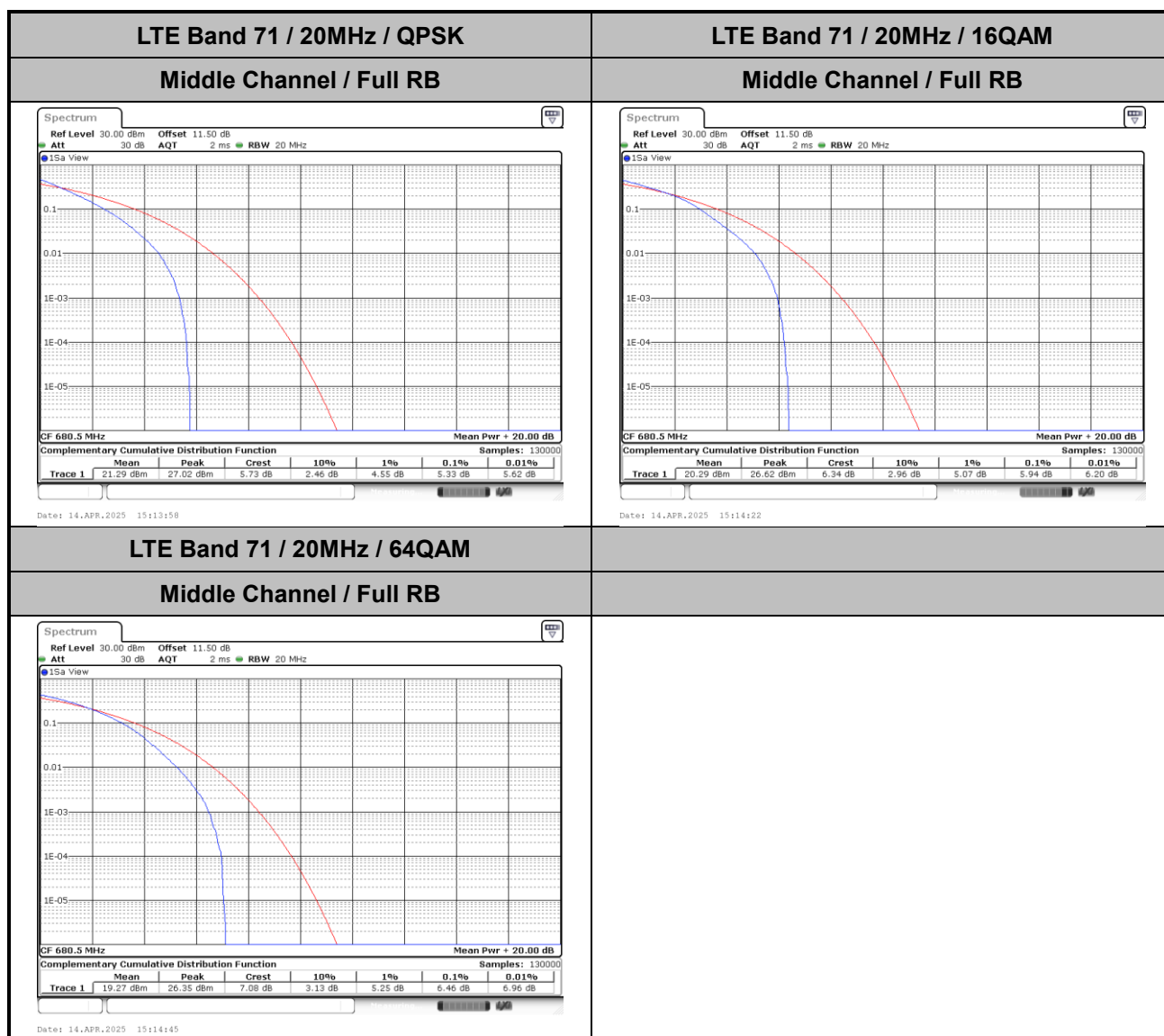
1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 71

Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.33	5.94	6.46	-	PASS



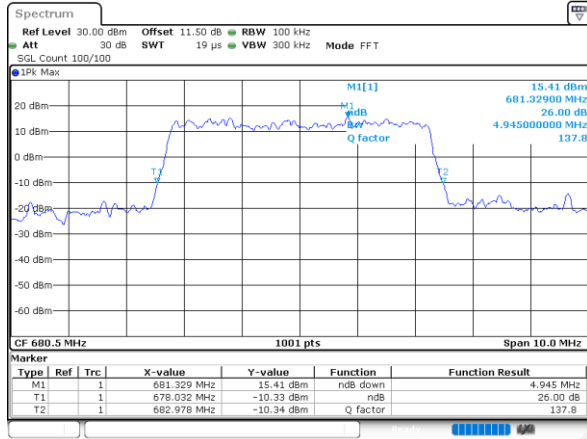
**26dB Bandwidth**

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	-	-	-	-	4.94	4.79	9.73	9.71	14.32	14.68	18.86	18.94
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	-	-	-	-	4.92	-	9.91	-	14.35	-	18.86	-

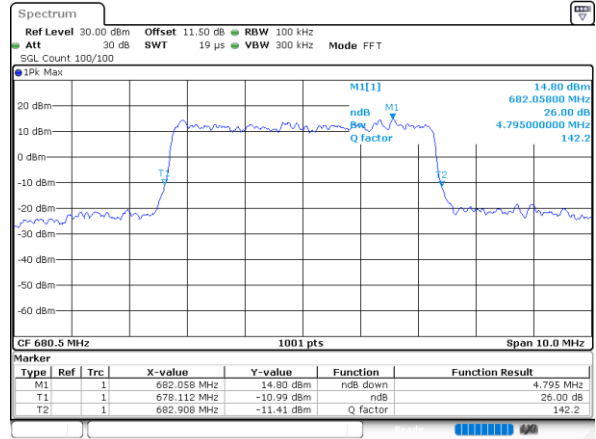


LTE Band 71

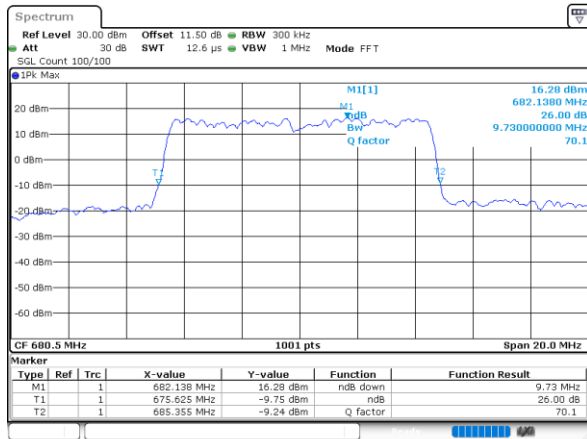
Middle Channel / 5MHz / QPSK



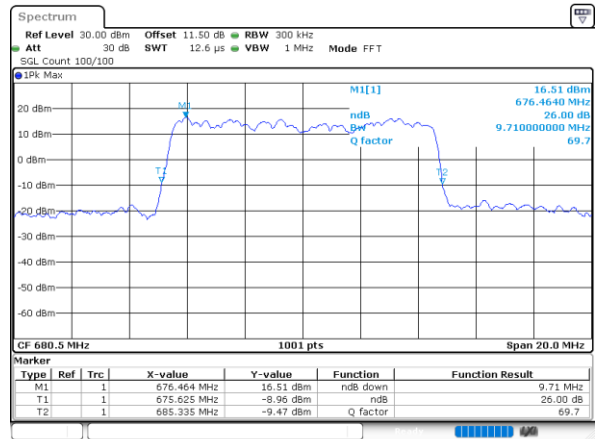
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



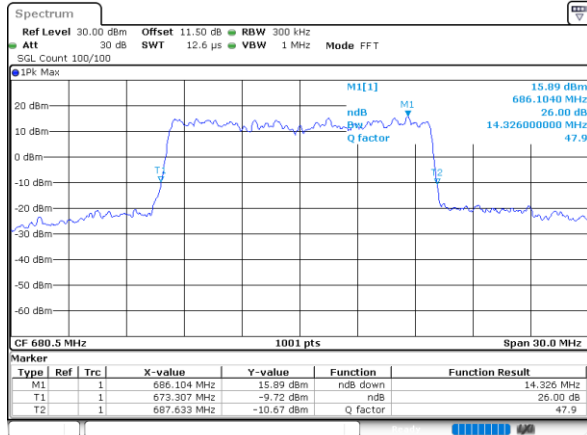
Middle Channel / 10MHz / 16QAM



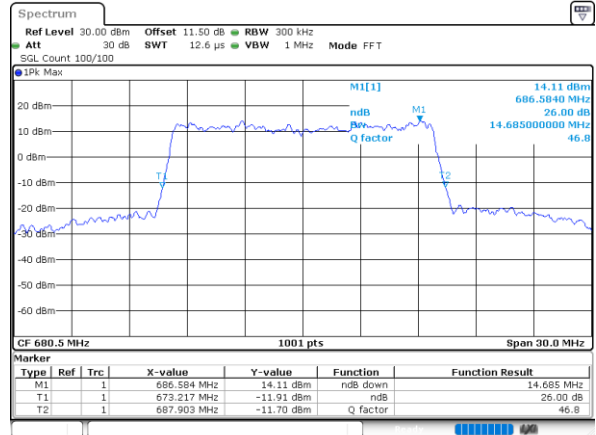


LTE Band 71

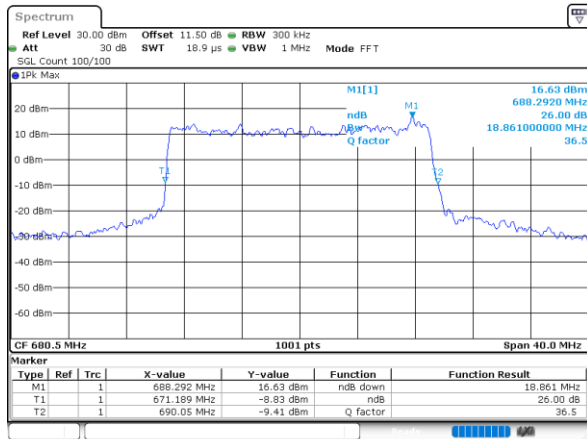
Middle Channel / 15MHz / QPSK



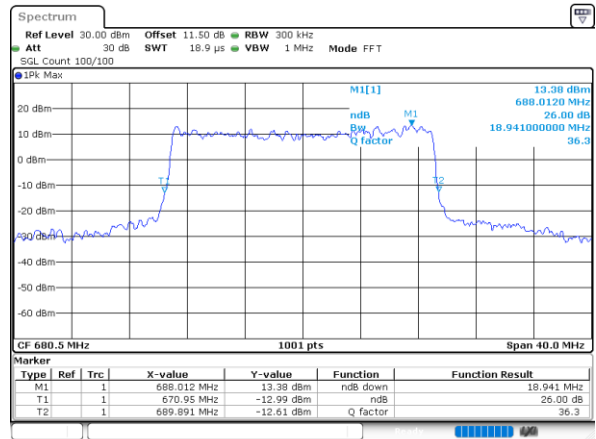
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



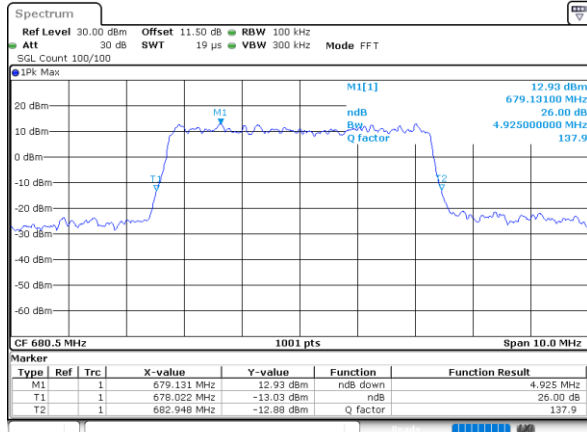
Middle Channel / 20MHz / 16QAM



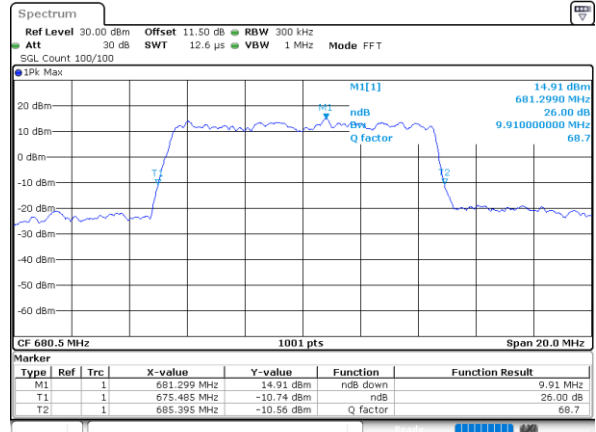


LTE Band 71

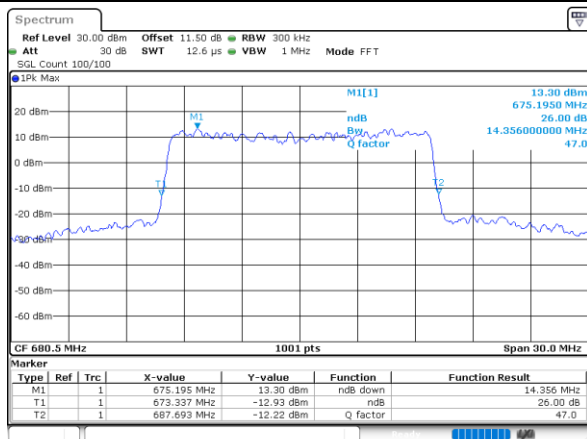
Middle Channel / 5MHz / 64QAM



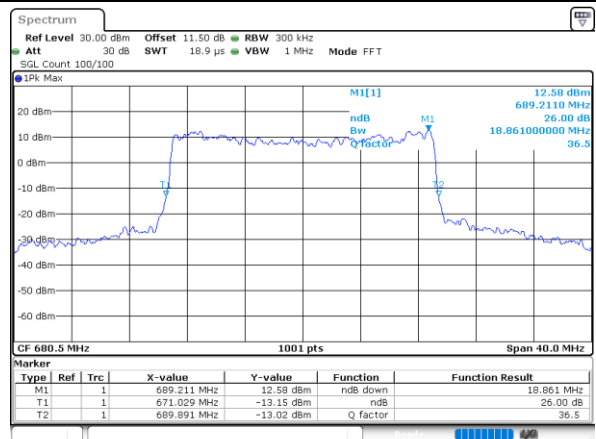
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM



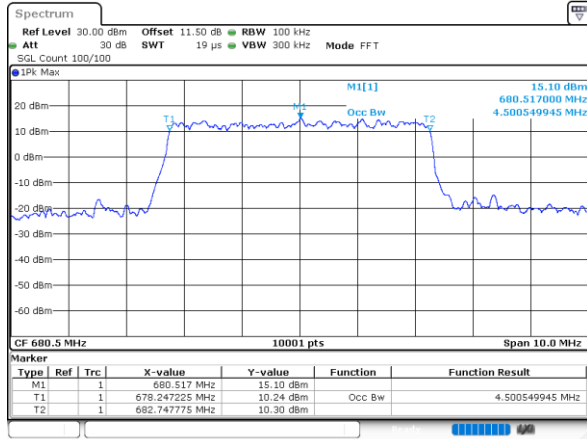
**Occupied Bandwidth**

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	-	-	-	-	4.50	4.48	9.06	9.04	13.50	13.54	17.95	17.99
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	-	9.12	-	13.53	-	17.97	-

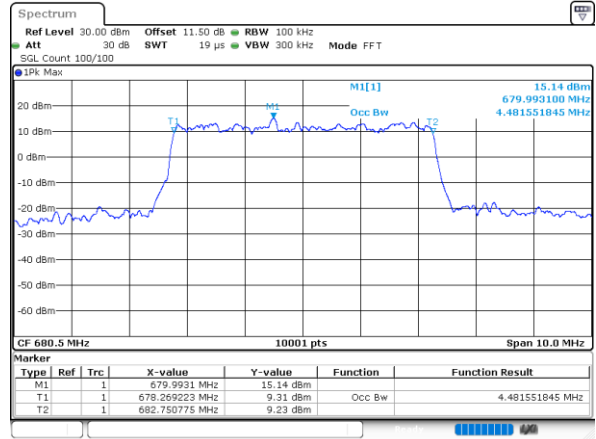


LTE Band 71

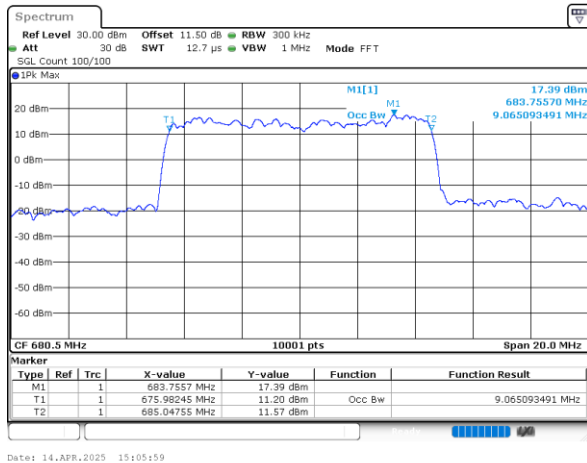
Middle Channel / 5MHz / QPSK



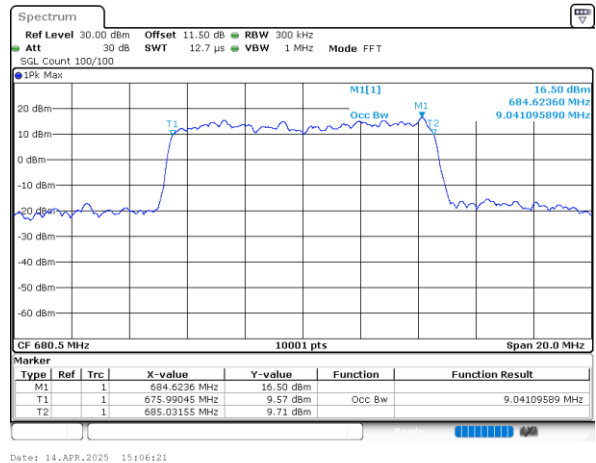
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



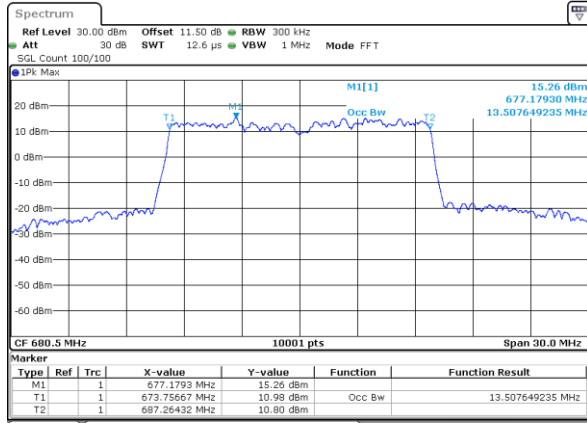
Middle Channel / 10MHz / 16QAM





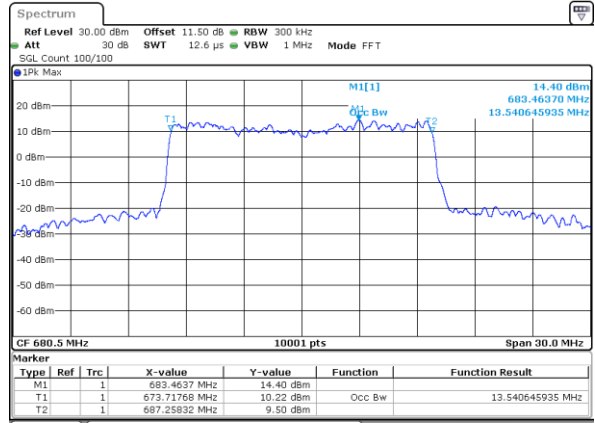
LTE Band 71

Middle Channel / 15MHz / QPSK



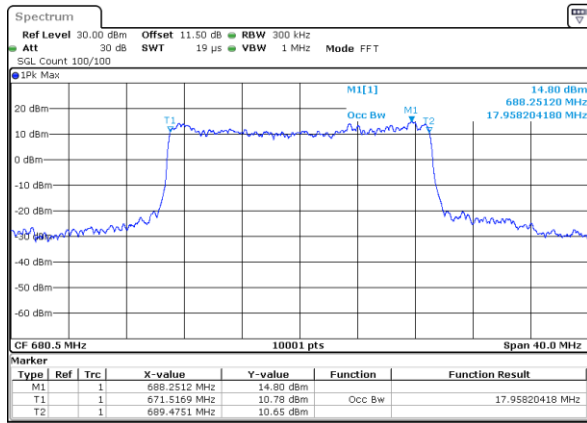
Date: 14.APR.2025 15:07:07

Middle Channel / 15MHz / 16QAM



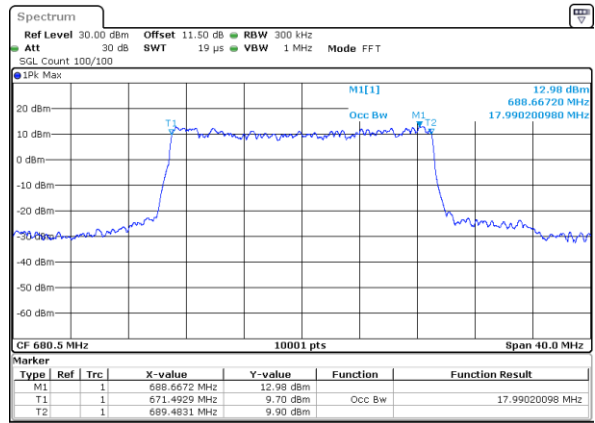
Date: 14.APR.2025 15:07:30

Middle Channel / 20MHz / QPSK



Date: 14.APR.2025 15:08:15

Middle Channel / 20MHz / 16QAM

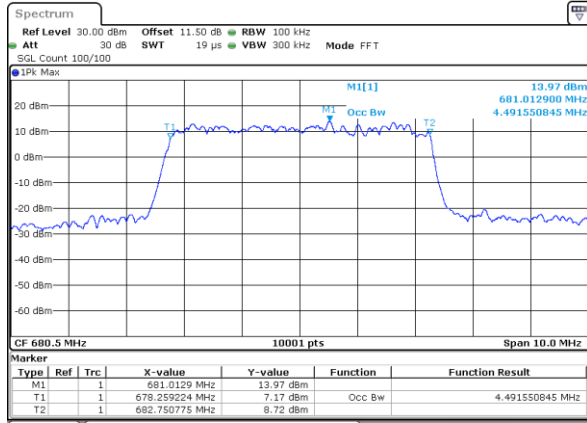


Date: 14.APR.2025 15:08:38

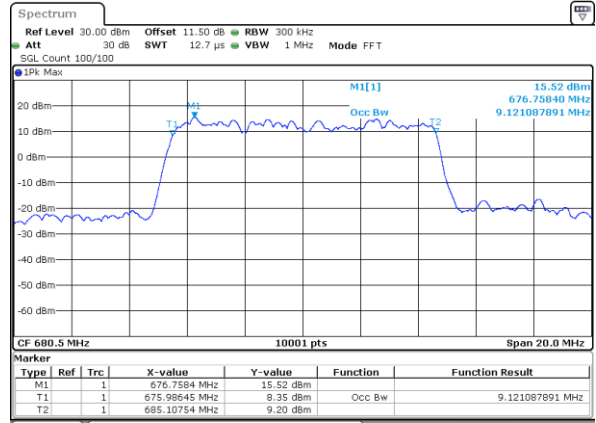


LTE Band 71

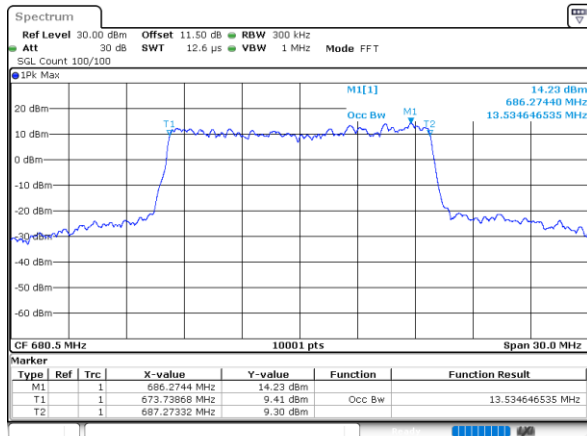
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM

