

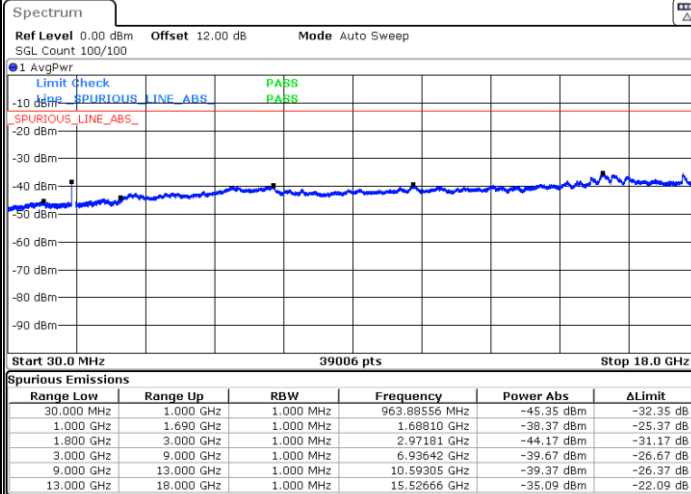


LTE Band 66C / 20MHz+5MHz

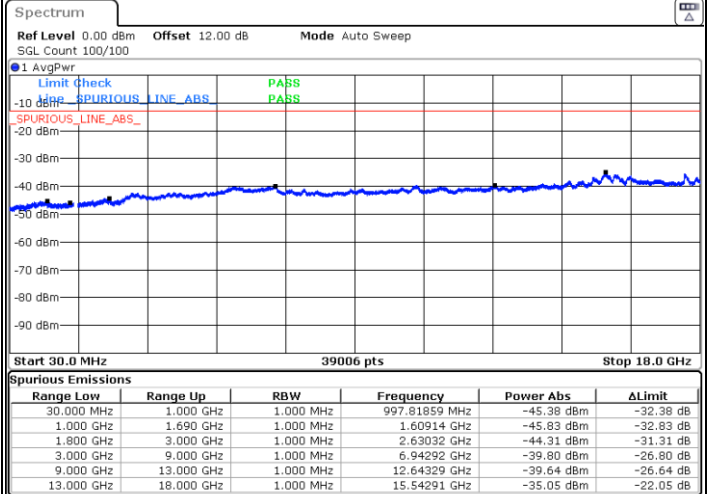
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 20.NOV.2024 01:33:12



Date: 20.NOV.2024 01:31:40

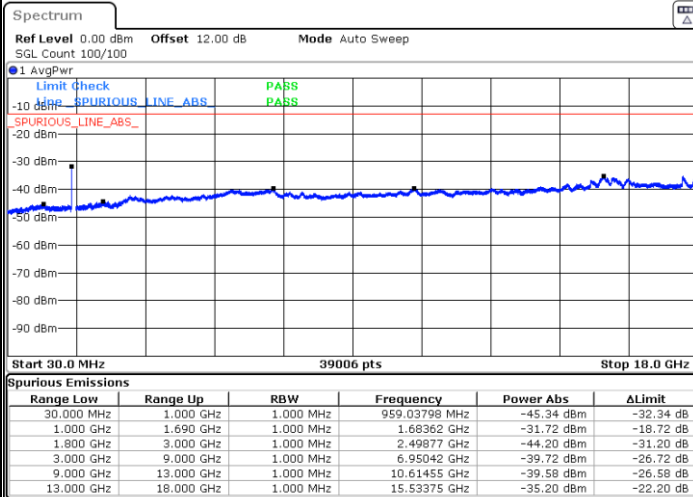


LTE Band 66C / 20MHz+10MHz

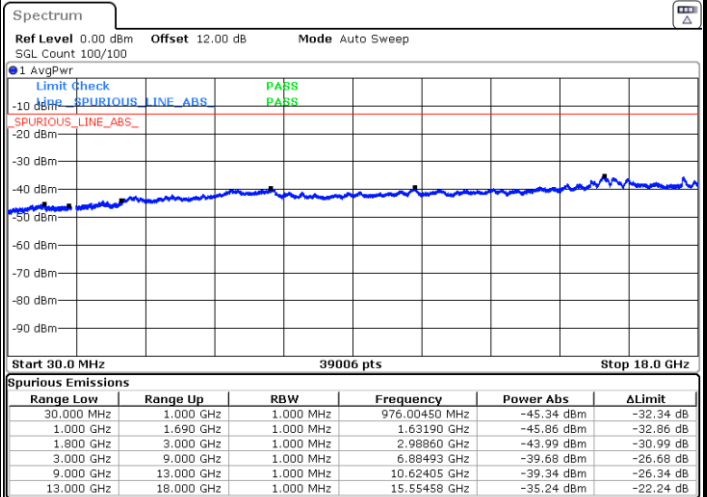
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



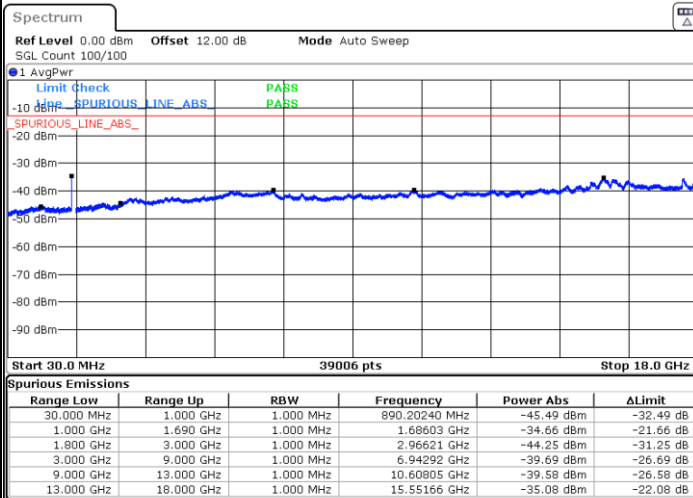
Date: 20.NOV.2024 00:48:42



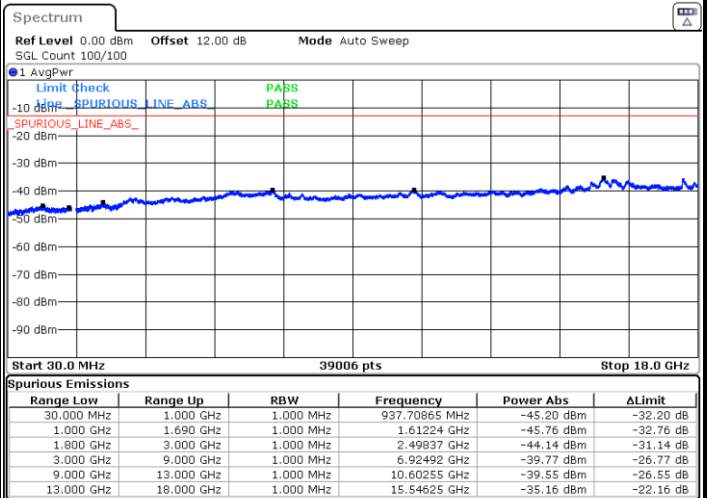
Date: 20.NOV.2024 00:47:06

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 20.NOV.2024 00:50:21



Date: 20.NOV.2024 00:51:54

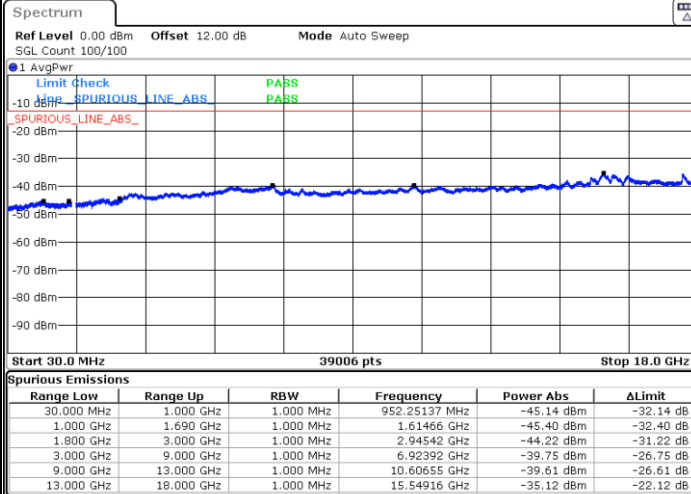


LTE Band 66C / 20MHz+10MHz

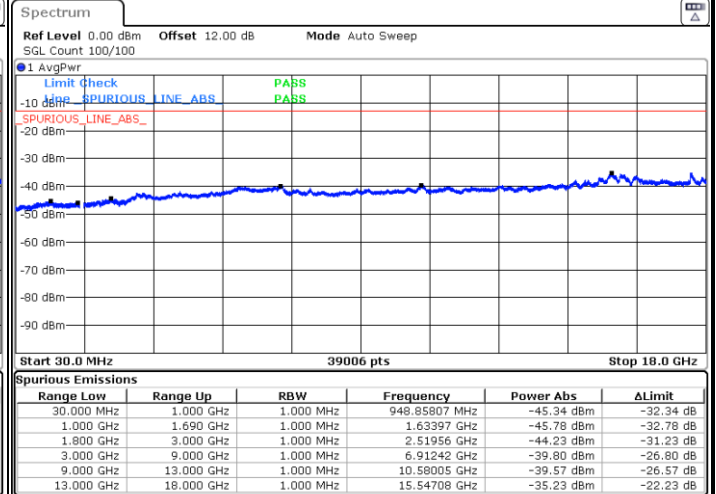
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 20.NOV.2024 00:55:01



Date: 20.NOV.2024 00:53:30

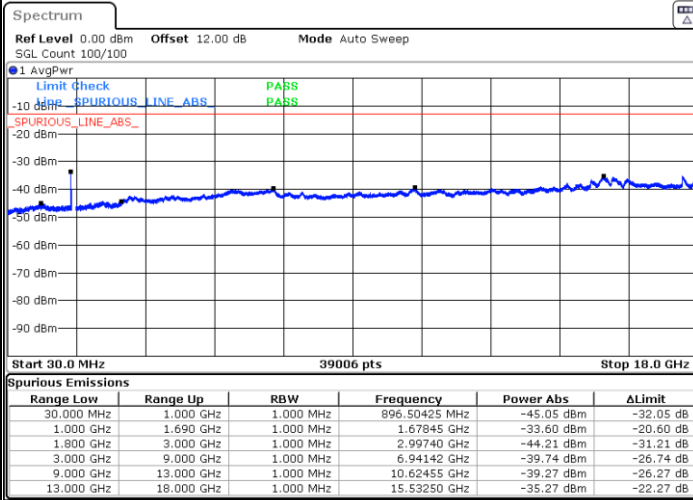


LTE Band 66C / 20MHz+15MHz

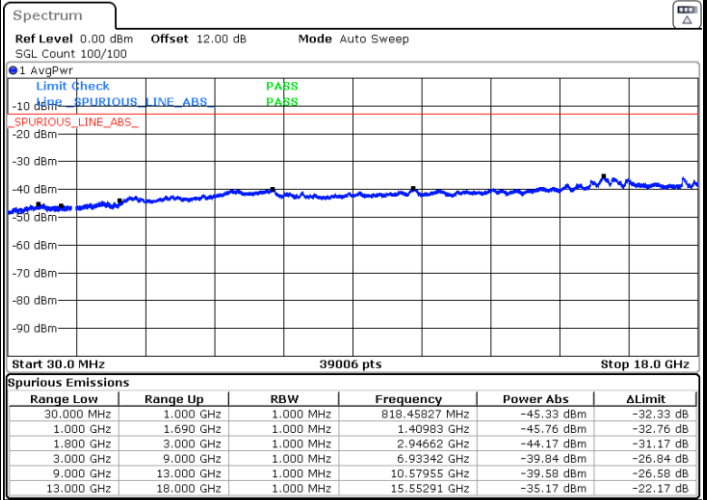
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



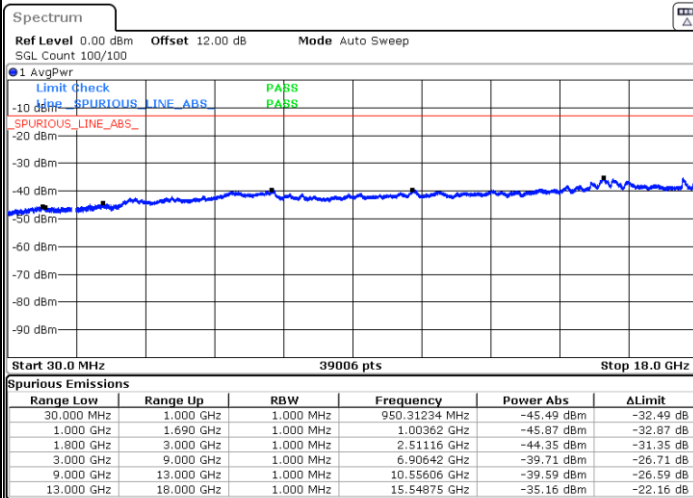
Date: 20.NOV.2024 01:17:18



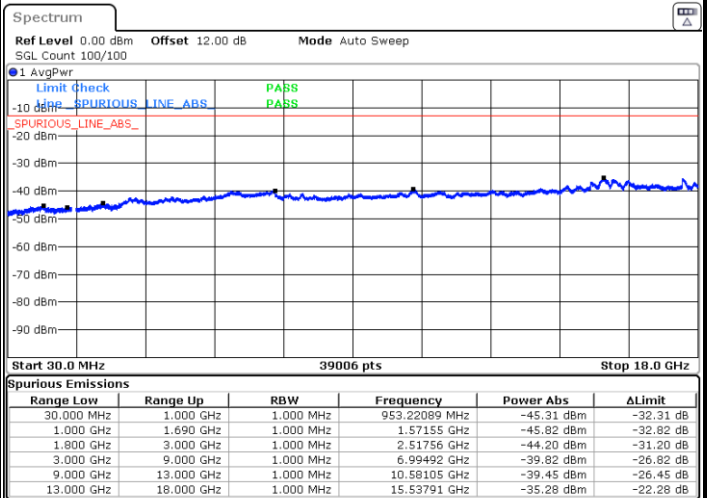
Date: 20.NOV.2024 01:15:46

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 20.NOV.2024 01:18:56



Date: 20.NOV.2024 01:20:29

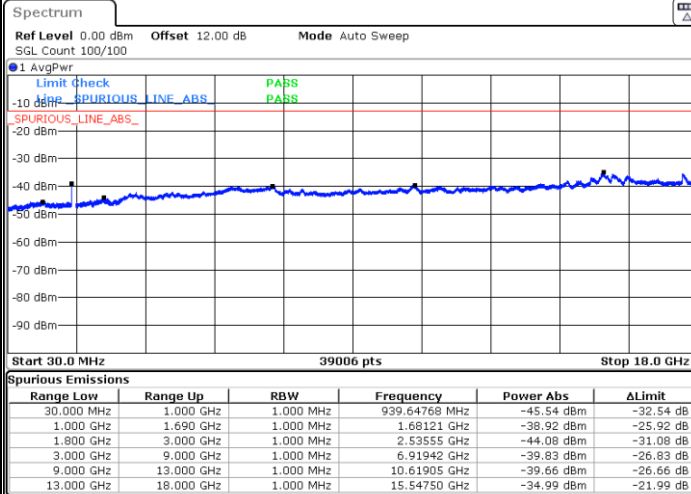


LTE Band 66C / 20MHz+15MHz

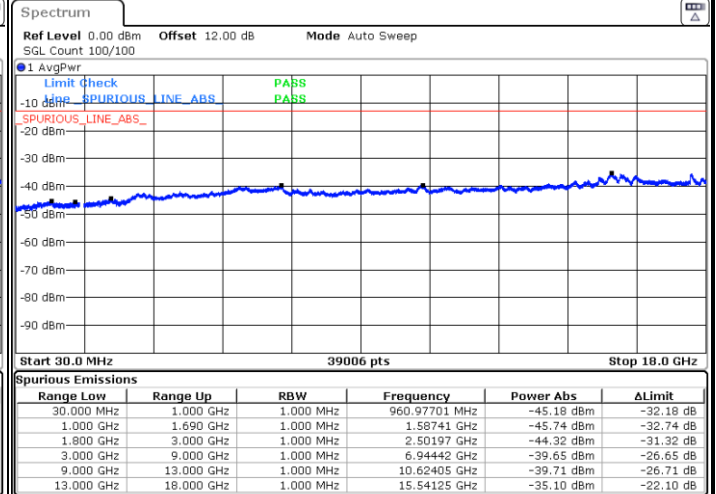
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 20.NOV.2024 01:23:46



Date: 20.NOV.2024 01:22:13

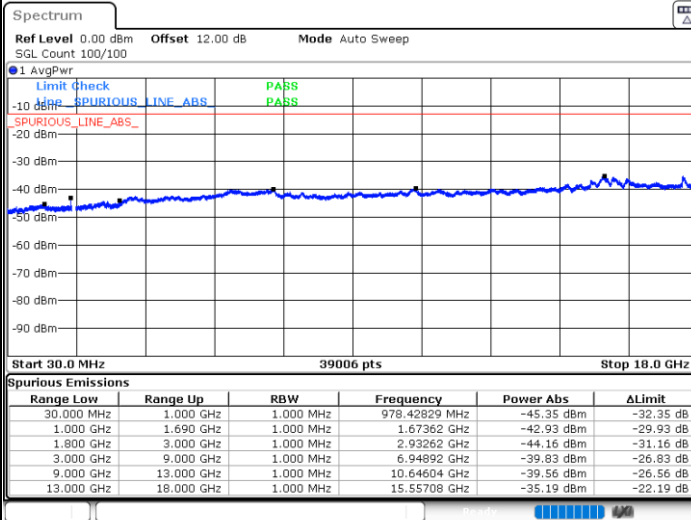


LTE Band 66C / 20MHz+20MHz

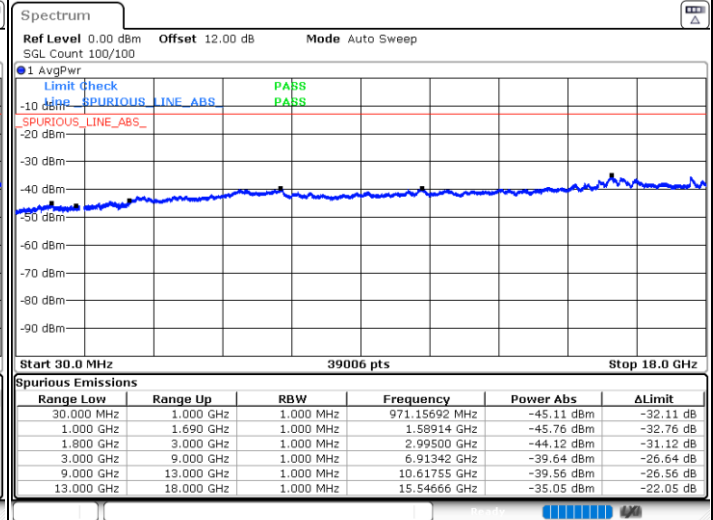
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



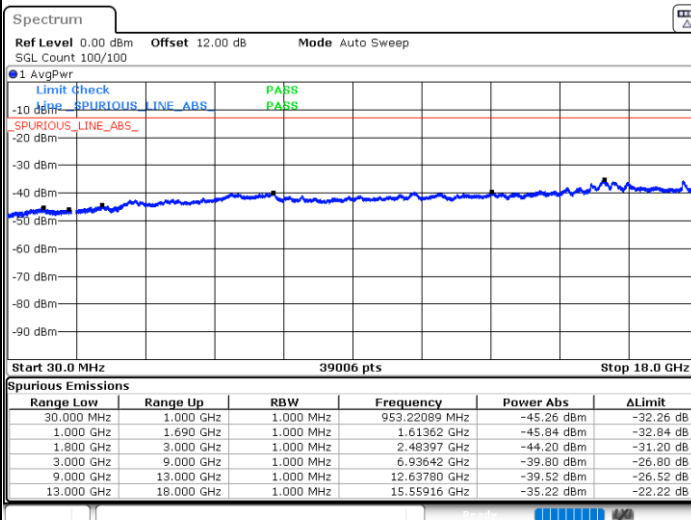
Date: 20.NOV.2024 01:46:27



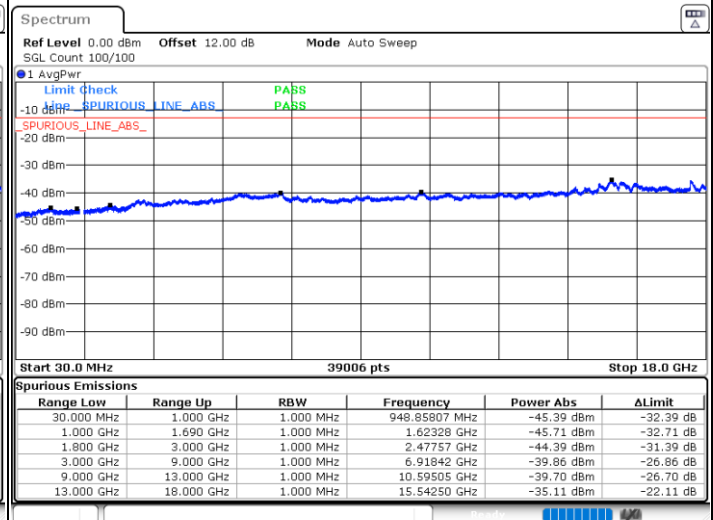
Date: 20.NOV.2024 01:44:54

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 20.NOV.2024 01:48:02



Date: 20.NOV.2024 01:49:33

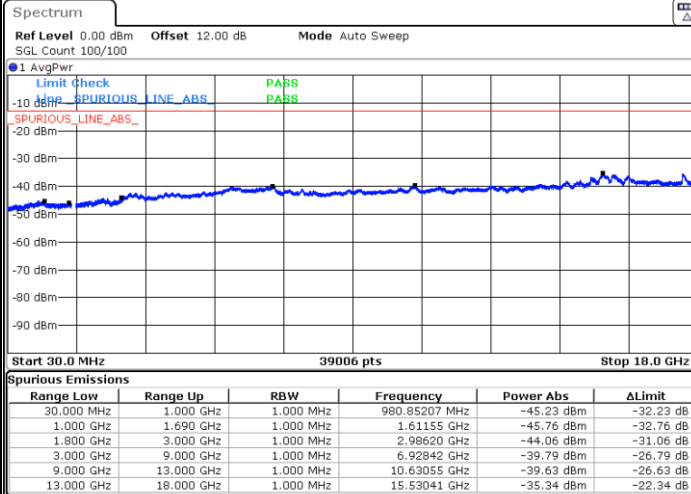


LTE Band 66C / 20MHz+20MHz

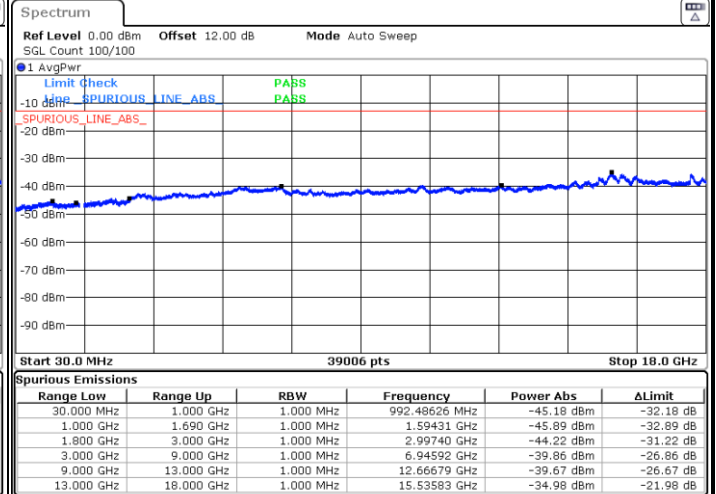
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 20.NOV.2024 01:52:44



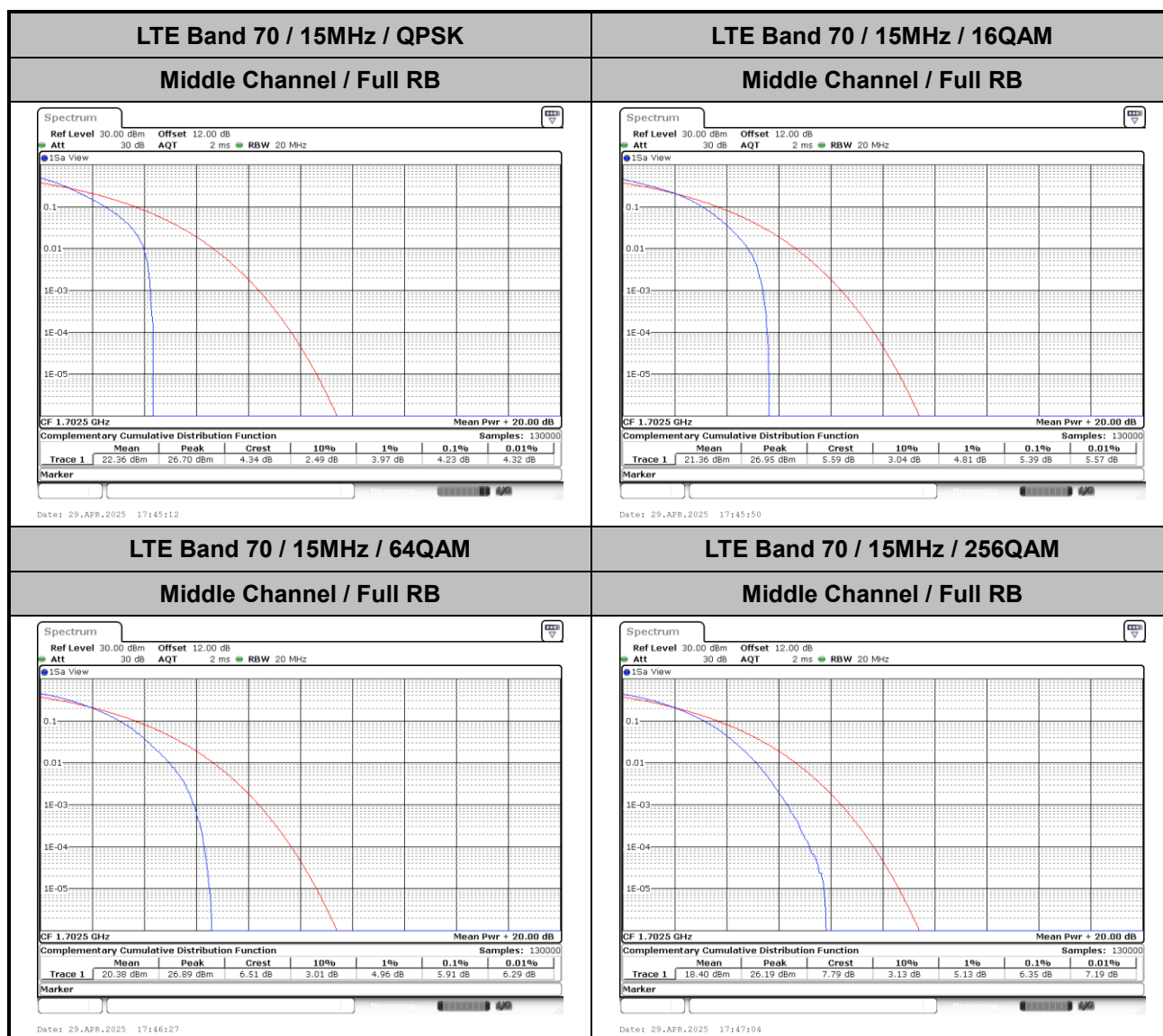
Date: 20.NOV.2024 01:51:10



LTE Band 70

Peak-to-Average Ratio

Mode	LTE Band 70 / 15MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.23	5.39	5.91	6.35	PASS



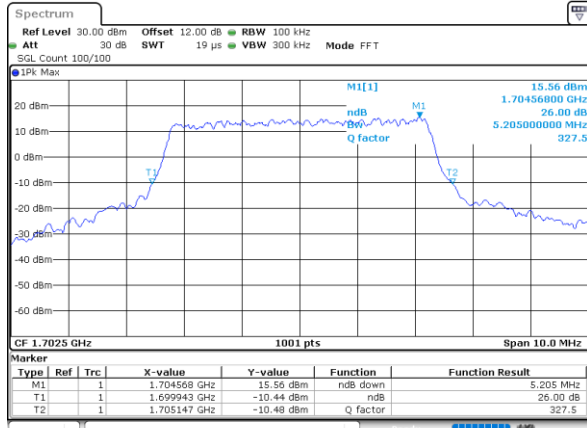
**26dB Bandwidth**

Mode	LTE Band 70 : 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	-	-	-	-	5.20	4.97	9.87	9.69	14.50	14.17	-	-
Mode	LTE Band 70 : 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	-	-	-	-	5.03	4.95	9.73	9.71	14.20	14.56	-	-



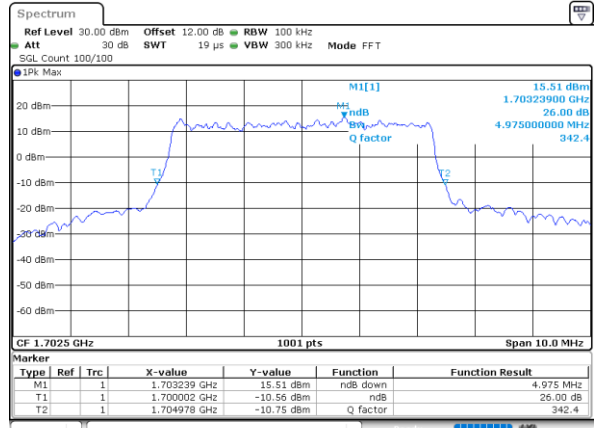
LTE Band 70

Middle Channel / 5MHz / QPSK



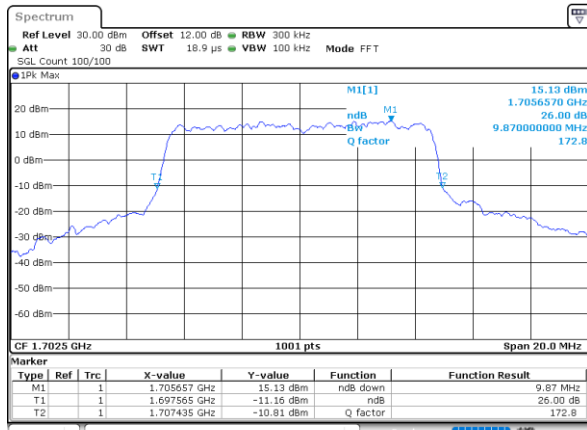
Date: 29.APR.2025 17:37:42

Middle Channel / 5MHz / 16QAM



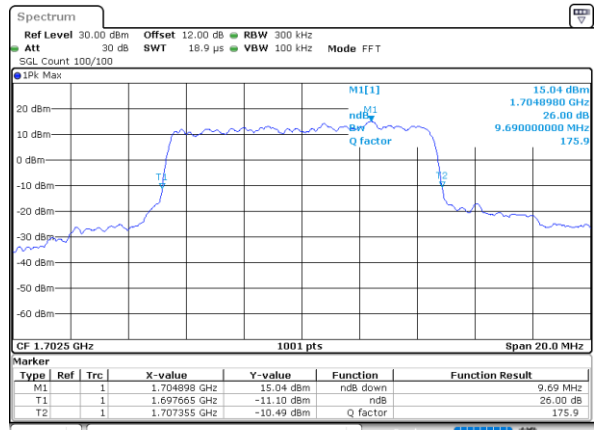
Date: 29.APR.2025 17:38:18

Middle Channel / 10MHz / QPSK



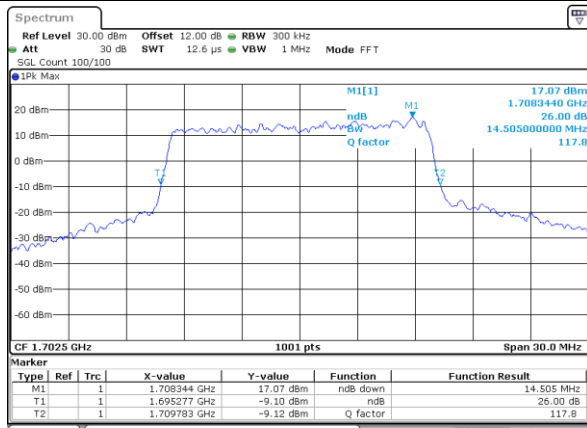
Date: 29.APR.2025 17:40:16

Middle Channel / 10MHz / 16QAM



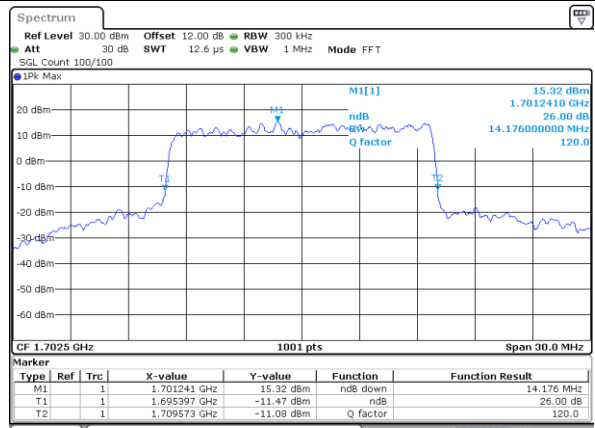
Date: 29.APR.2025 17:40:51

Middle Channel / 15MHz / QPSK



Date: 29.APR.2025 17:42:46

Middle Channel / 15MHz / 16QAM

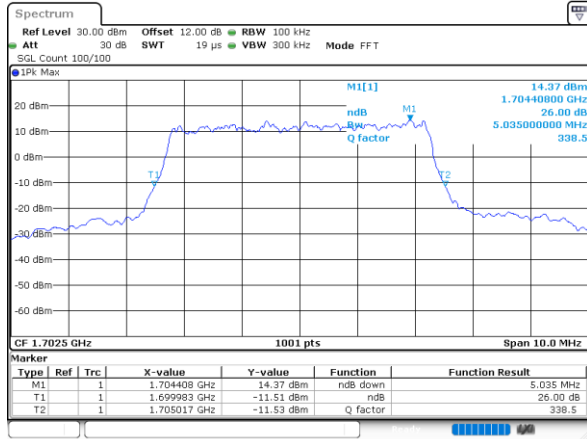


Date: 29.APR.2025 17:43:22

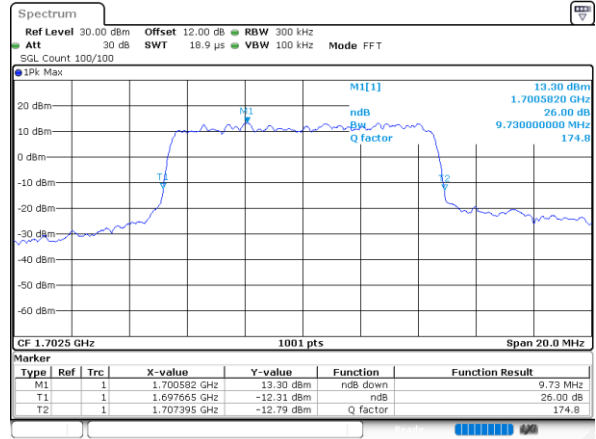


LTE Band 70

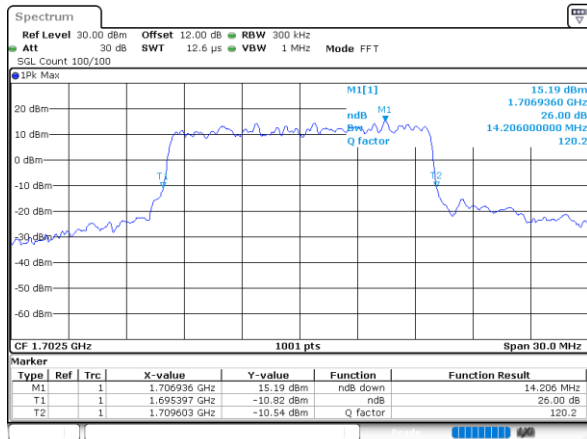
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



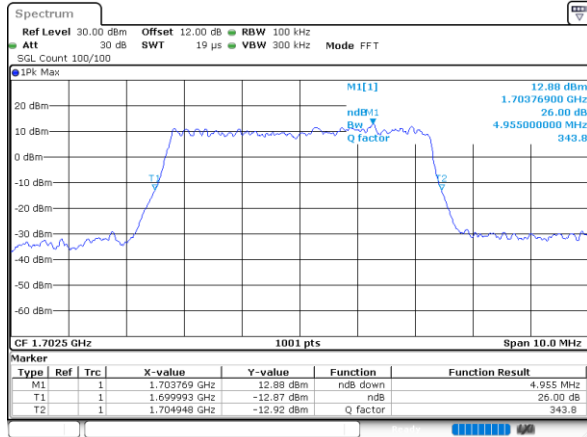
N/A

N/A

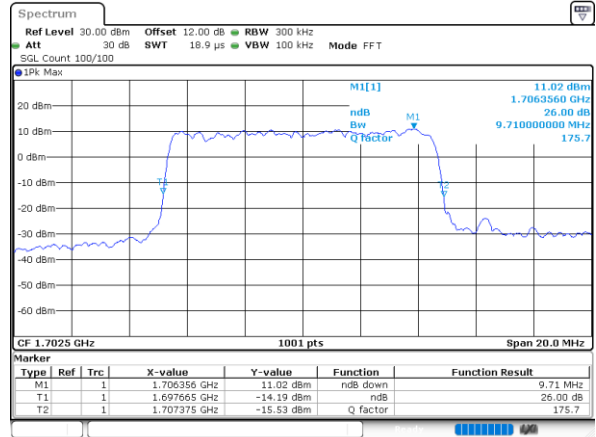


LTE Band 70

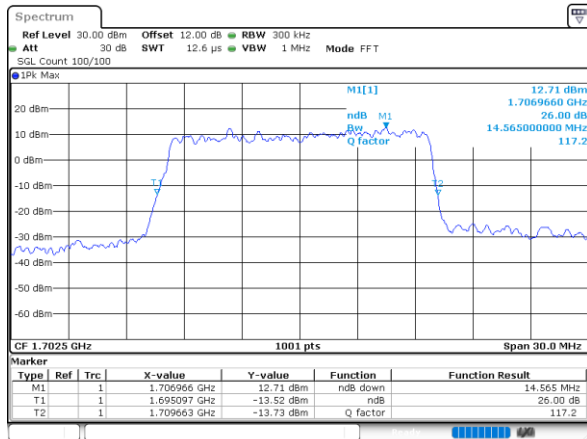
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



N/A

N/A

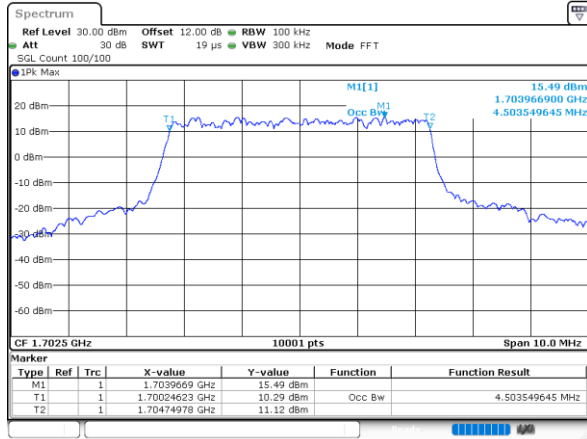
**Occupied Bandwidth**

Mode	LTE Band 70 : 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	4.51	9.03	9.04	13.41	13.39	-	-
Mode												
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.48	4.51	9.01	9.06	13.36	13.43	-	-

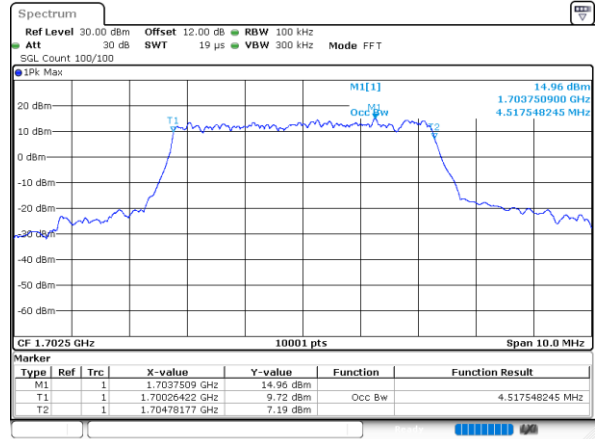


LTE Band 70

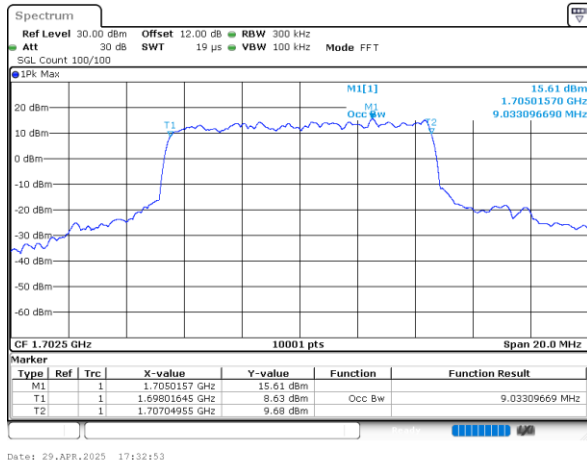
Middle Channel / 5MHz / QPSK



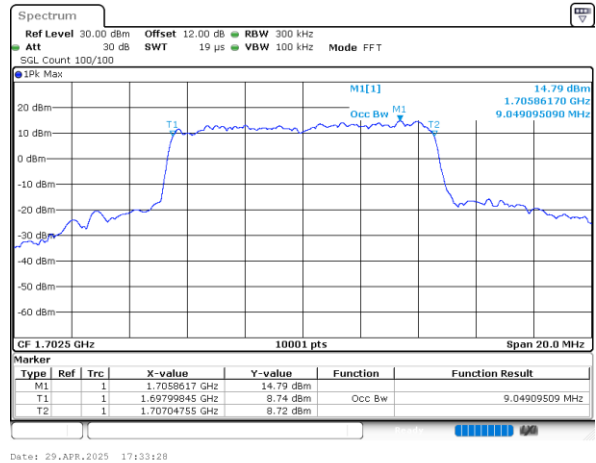
Middle Channel / 5MHz / 16QAM



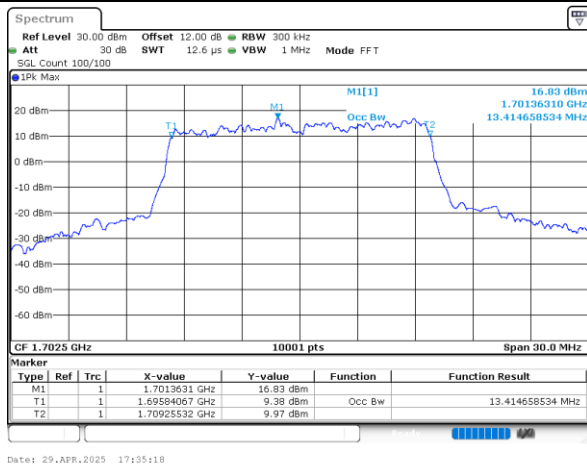
Middle Channel / 10MHz / QPSK



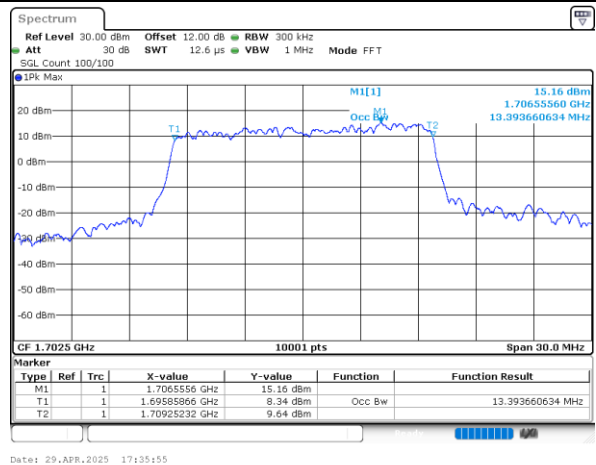
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



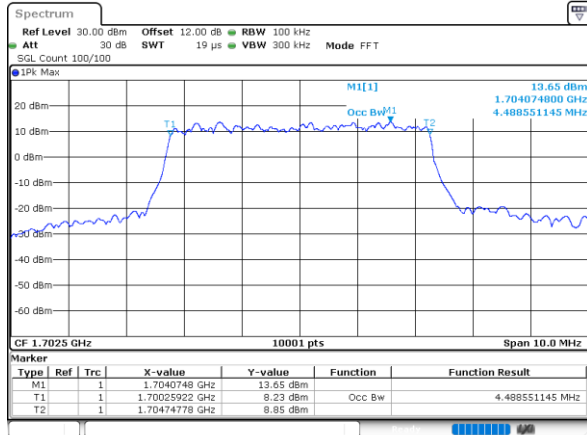
Middle Channel / 15MHz / 16QAM



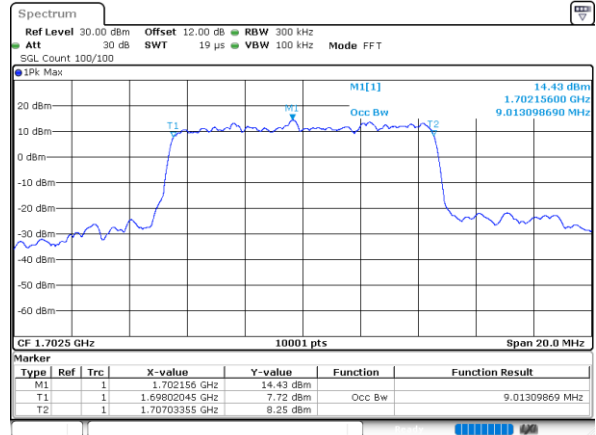


LTE Band 70

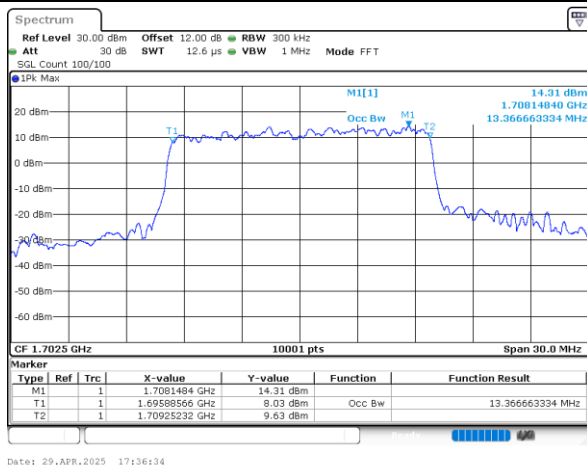
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



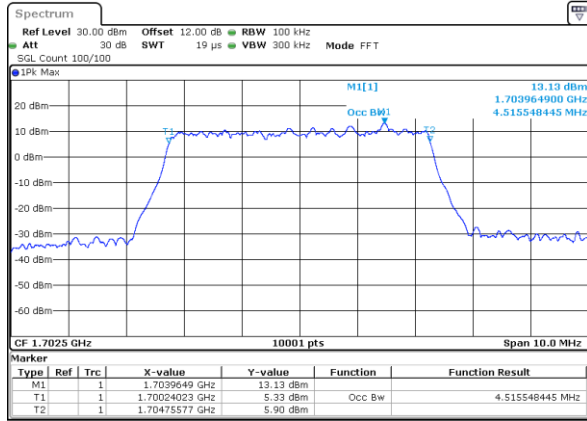
N/A

N/A

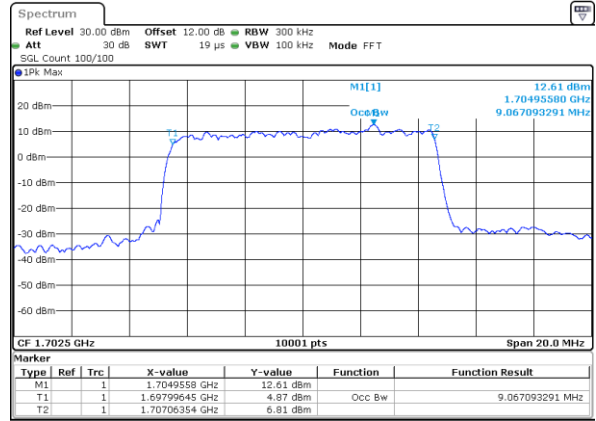


LTE Band 70

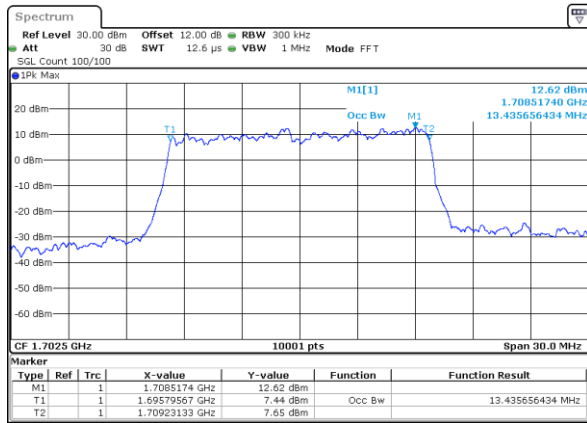
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM

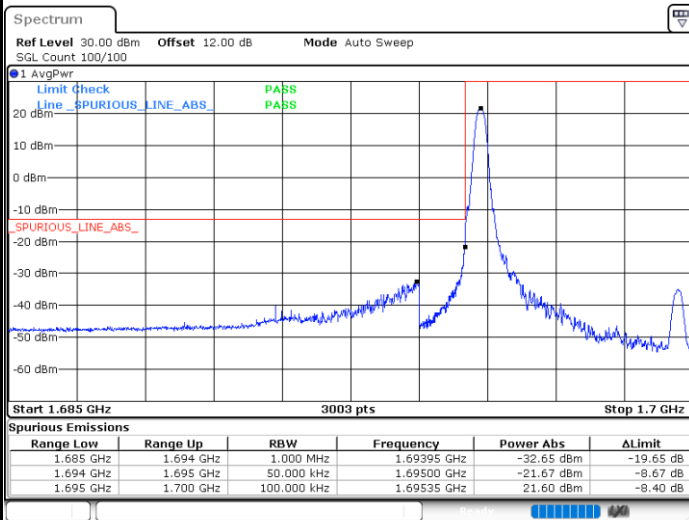
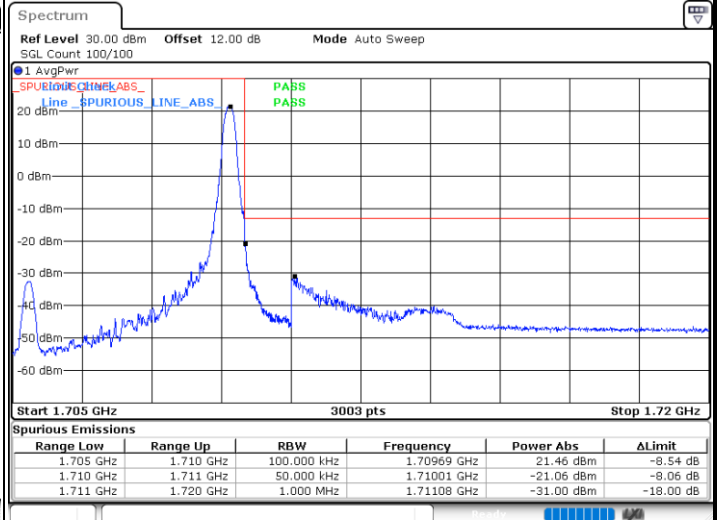
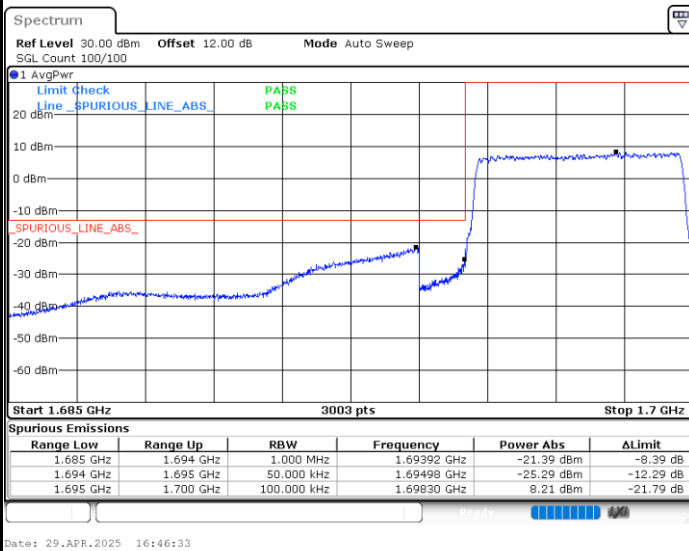
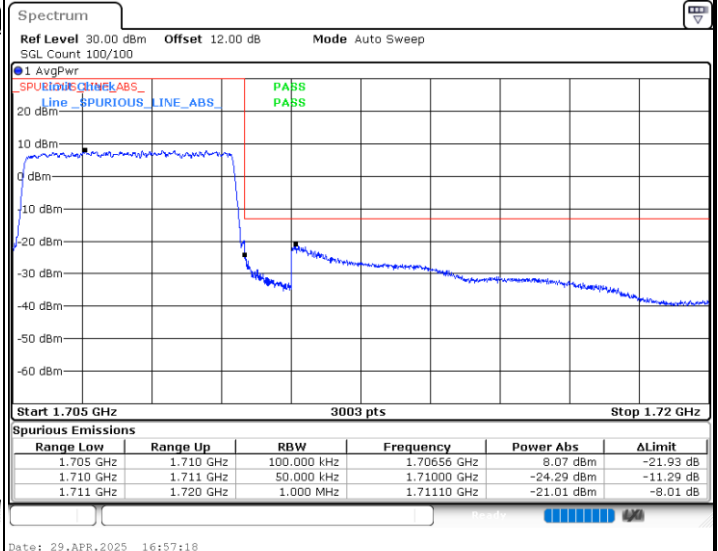


Middle Channel / 15MHz / 256QAM



N/A

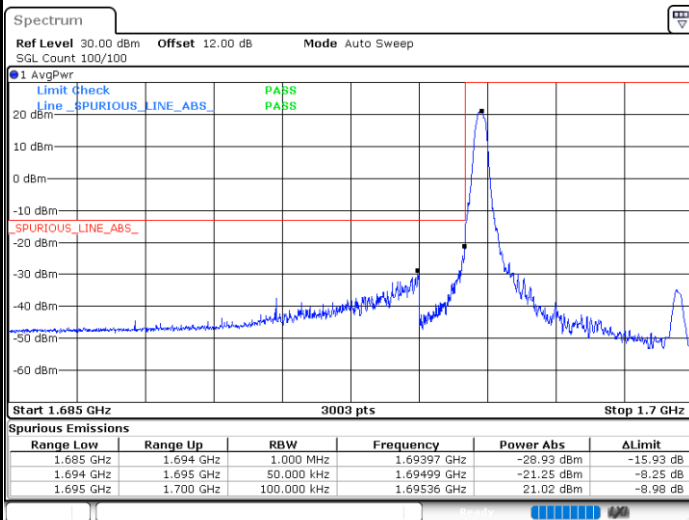
N/A

**Conducted Band Edge****LTE Band 70 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

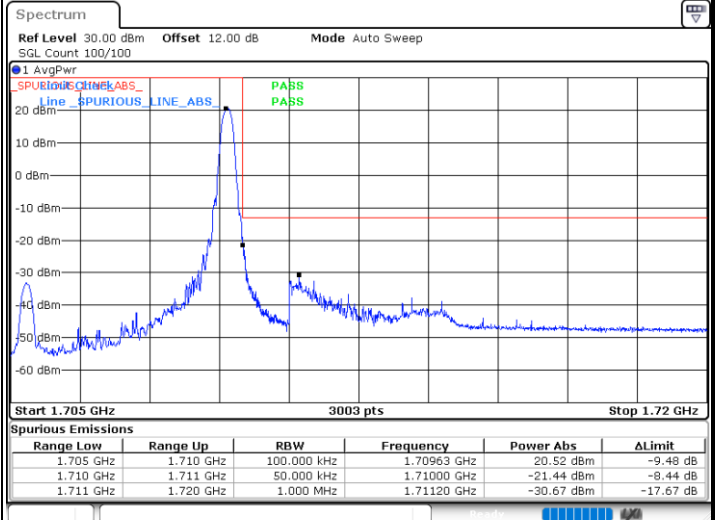


LTE Band 70 / 5MHz / 16QAM

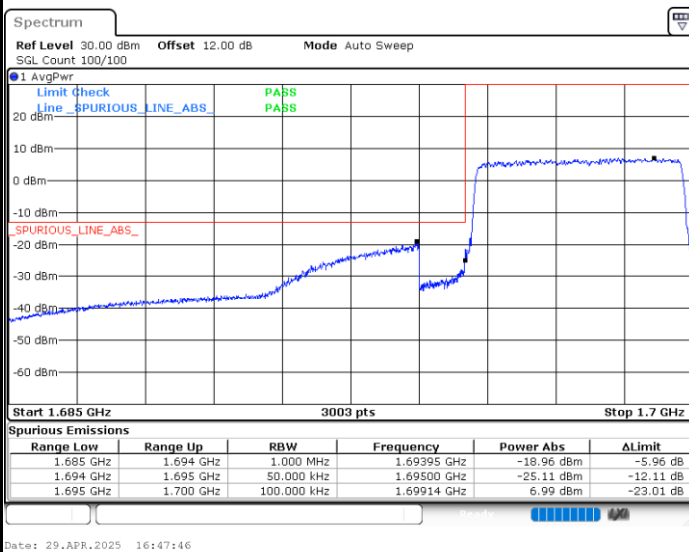
Lowest Band Edge / 1 RB



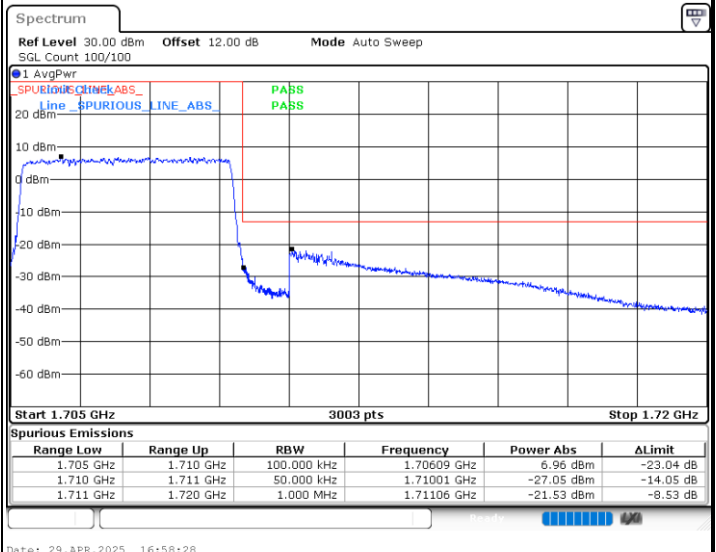
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



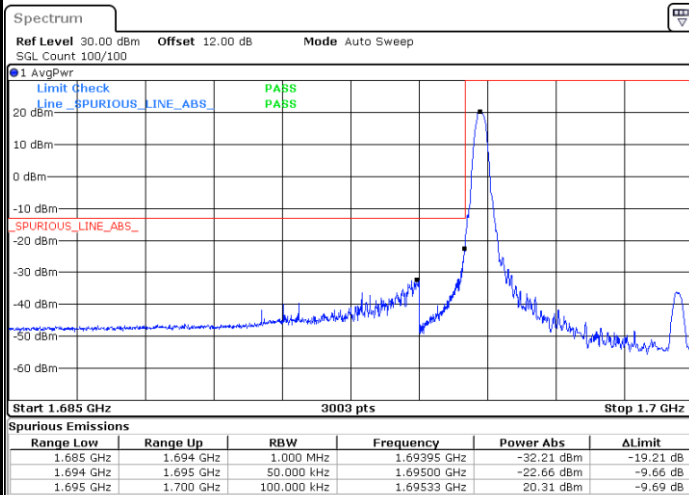
Highest Band Edge / Full RB



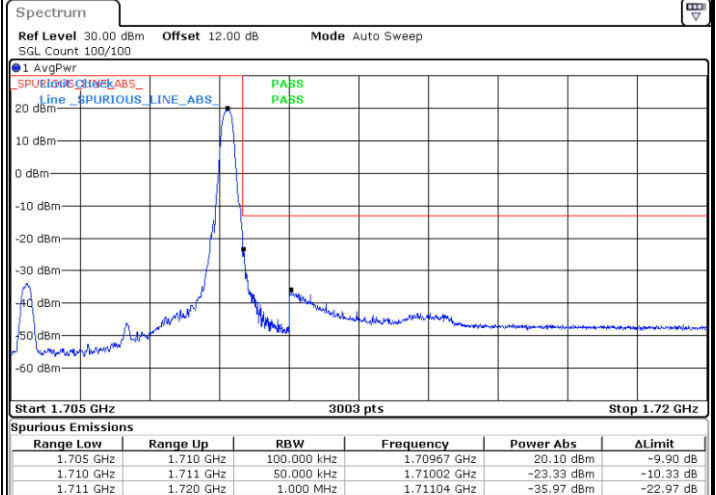


LTE Band 70 / 5MHz / 64QAM

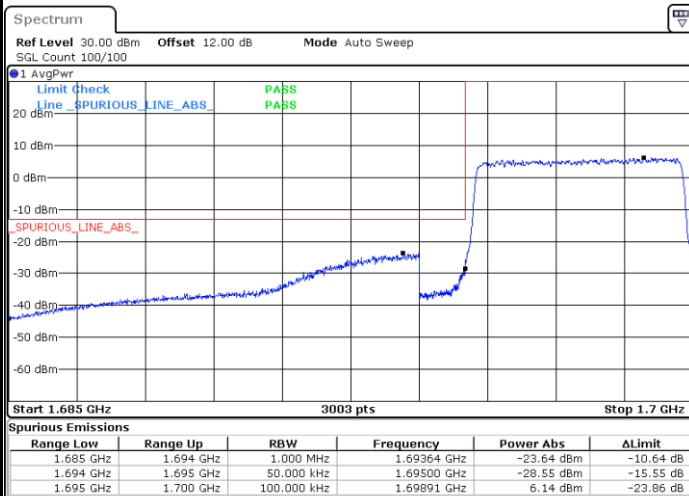
Lowest Band Edge / 1 RB



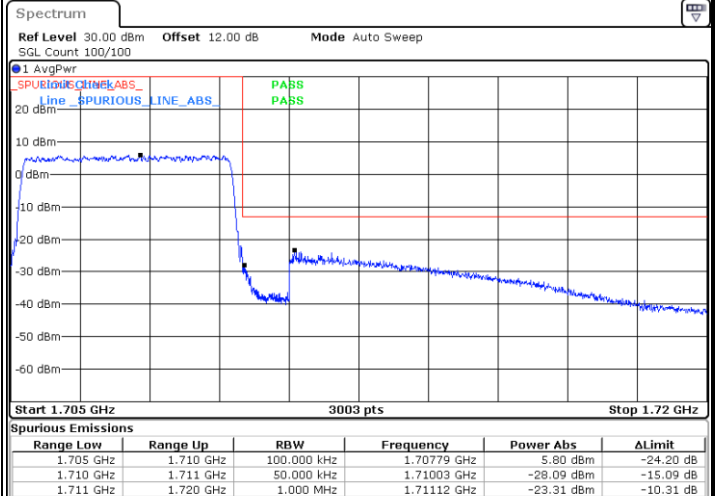
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



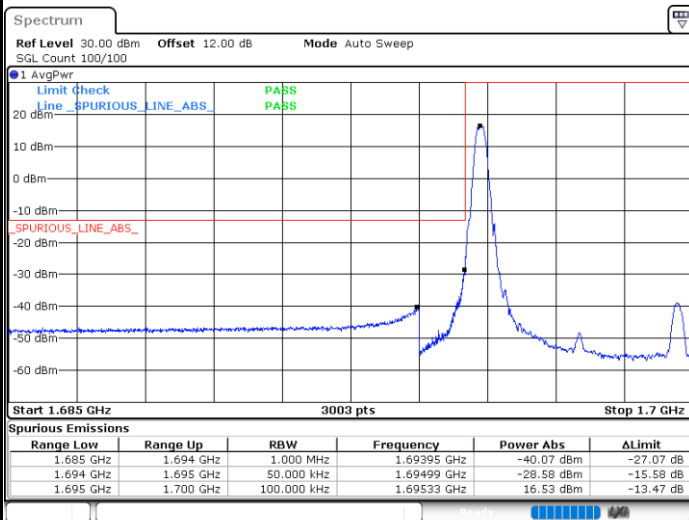
Highest Band Edge / Full RB



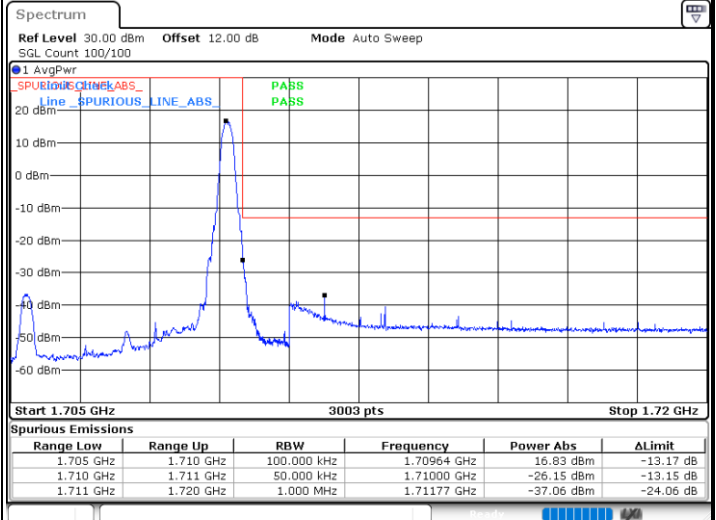


LTE Band 70 / 5MHz / 256QAM

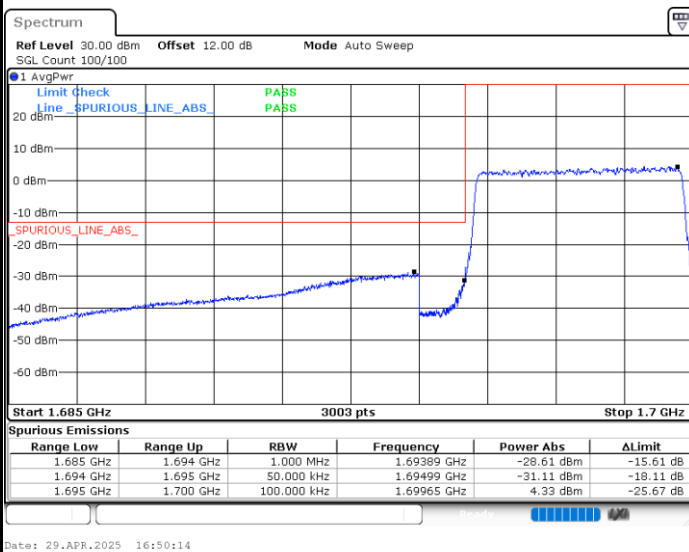
Lowest Band Edge / 1 RB



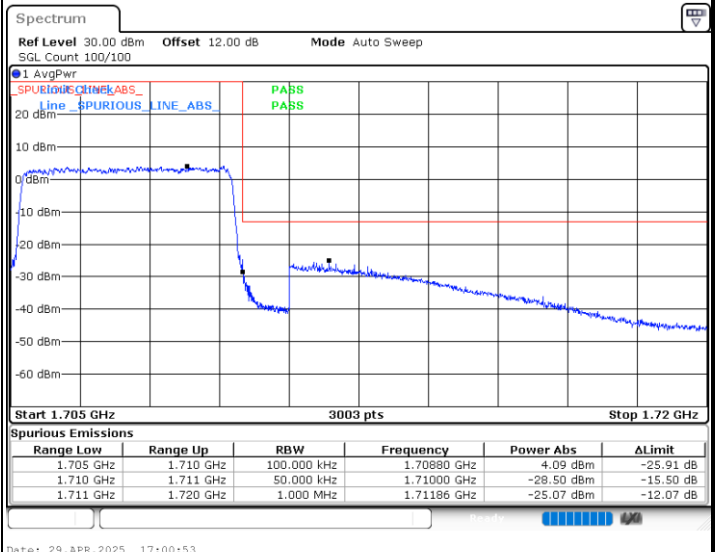
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



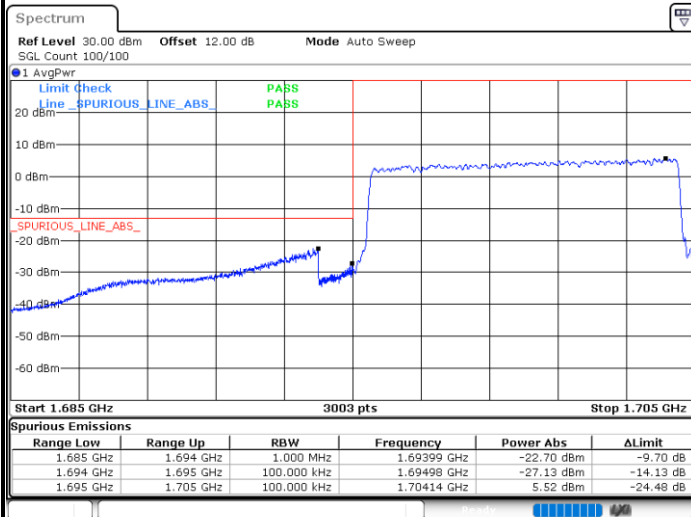
Highest Band Edge / Full RB



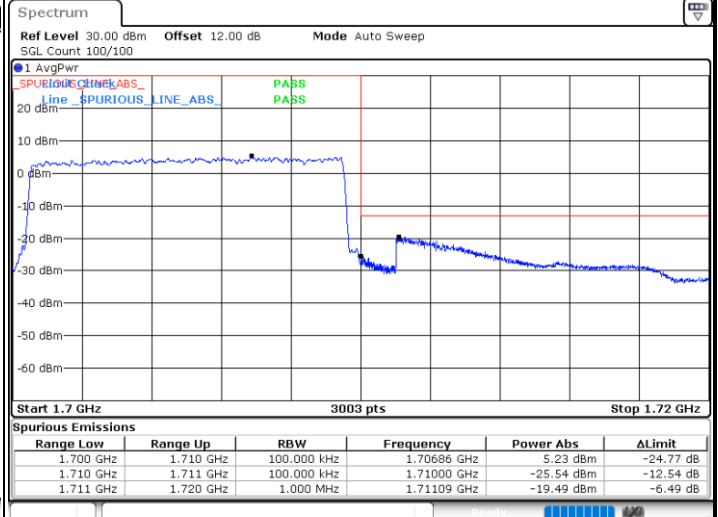


LTE Band 70 / 10MHz / QPSK

Lowest Band Edge / Full RB

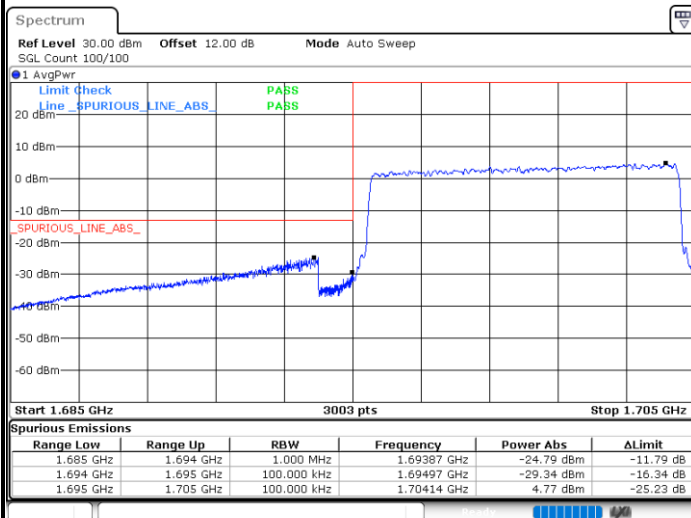


Highest Band Edge / Full RB

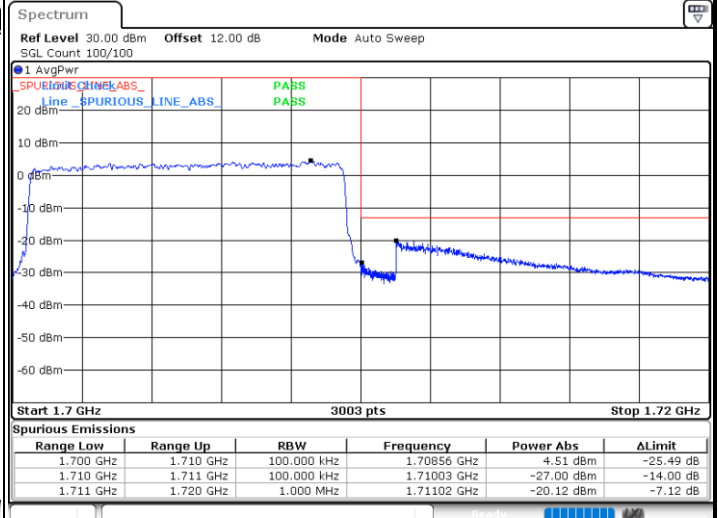


LTE Band 70 / 10MHz / 16QAM

Lowest Band Edge / Full RB



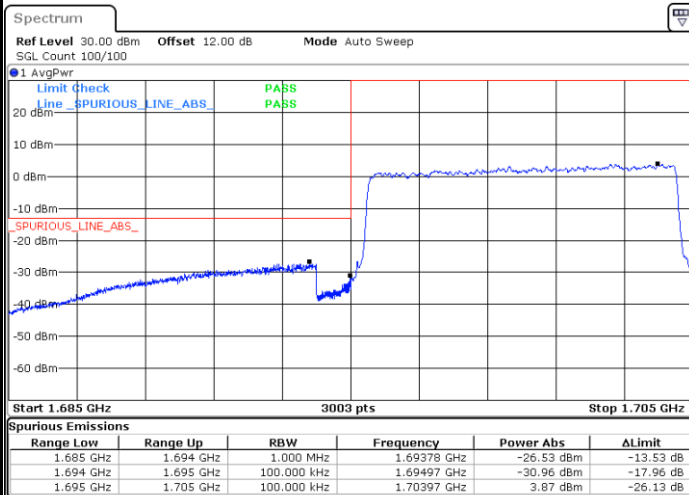
Highest Band Edge / Full RB



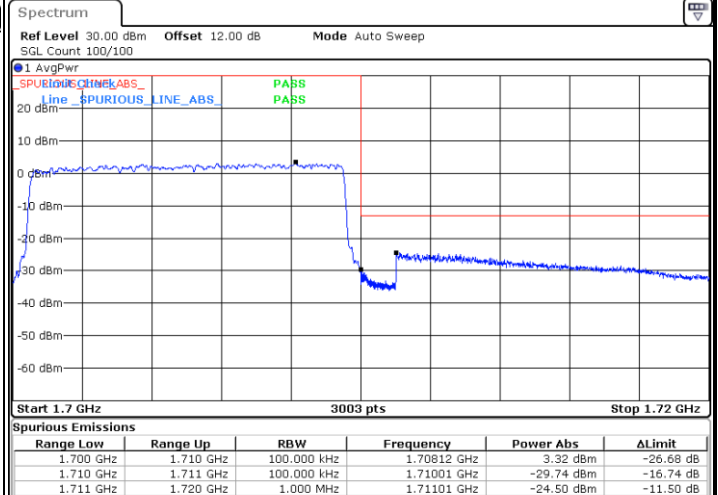


LTE Band 70 / 10MHz / 64QAM

Lowest Band Edge / Full RB

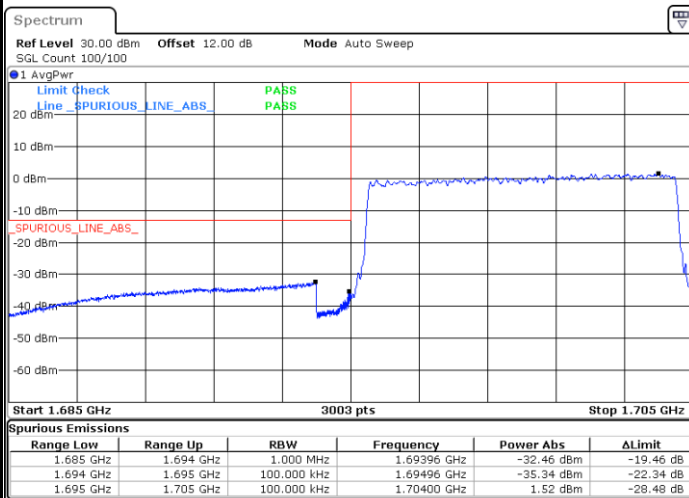


Highest Band Edge / Full RB

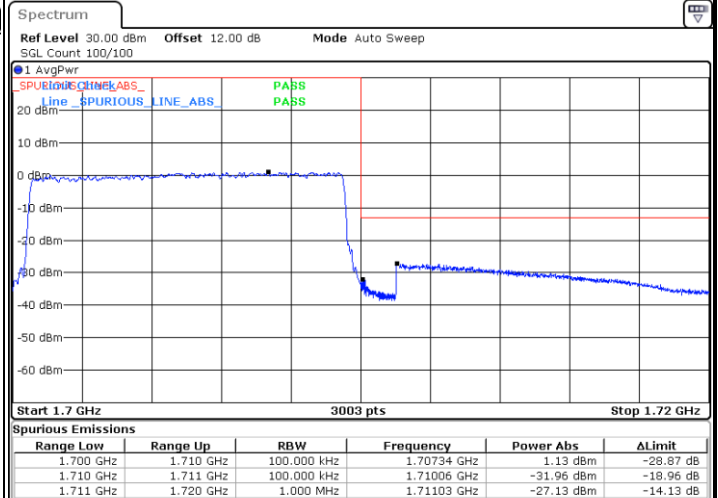


LTE Band 70 / 10MHz / 256QAM

Lowest Band Edge / Full RB



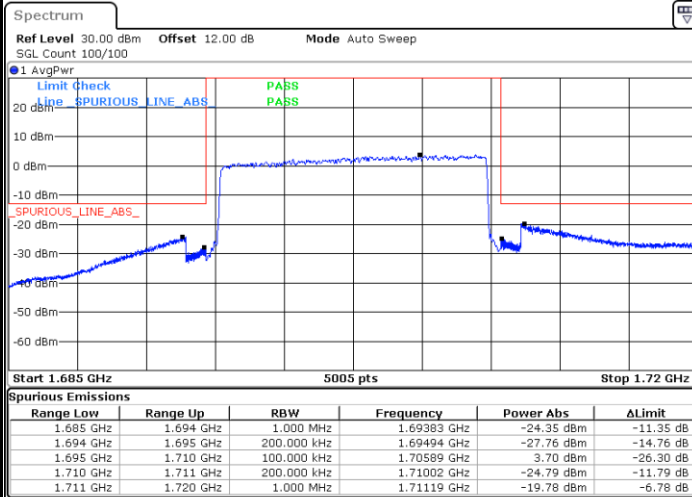
Highest Band Edge / Full RB





LTE Band 70 / 15MHz / QPSK

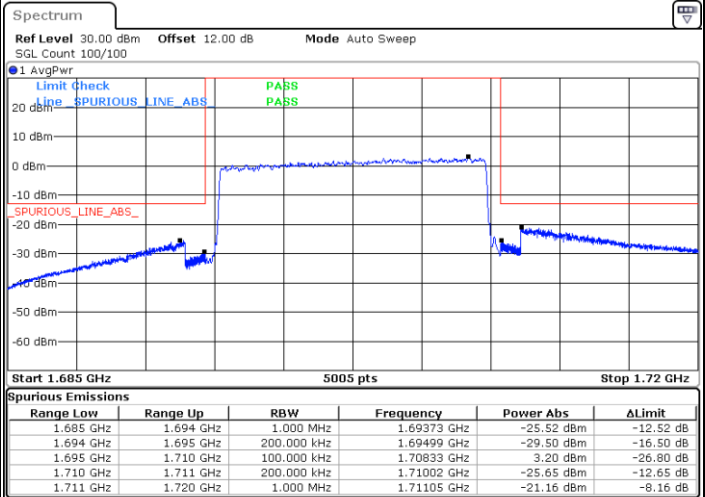
Middle Band Edge / Full RB



Date: 29.APR.2025 17:22:35

LTE Band 70 / 15MHz / 16QAM

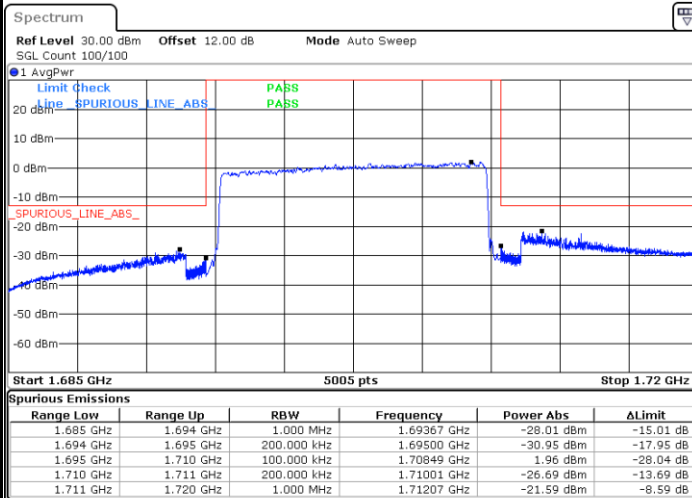
Middle Band Edge / Full RB



Date: 29.APR.2025 17:23:52

LTE Band 70 / 15MHz / 64QAM

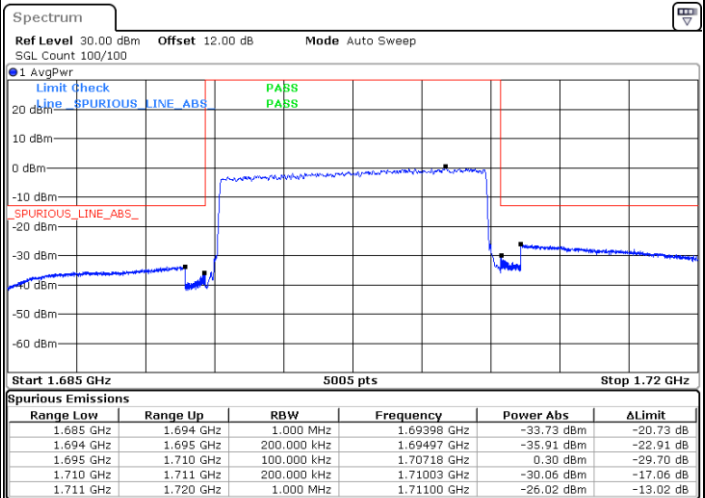
Middle Band Edge / Full RB



Date: 29.APR.2025 17:25:08

LTE Band 70 / 15MHz / 256QAM

Middle Band Edge / Full RB



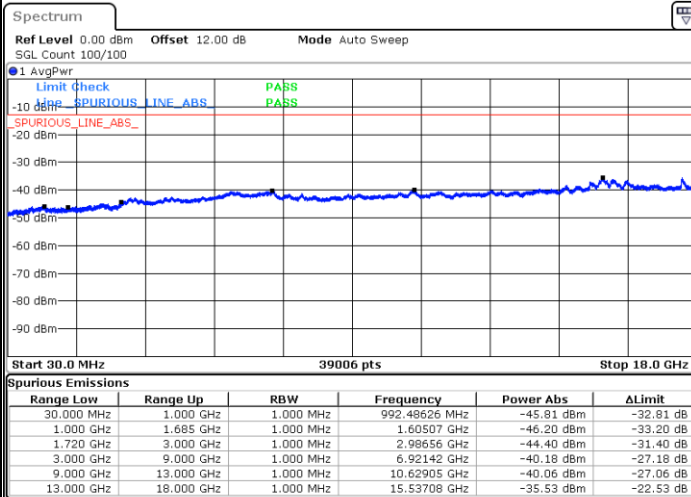
Date: 29.APR.2025 17:26:25



Conducted Spurious Emission

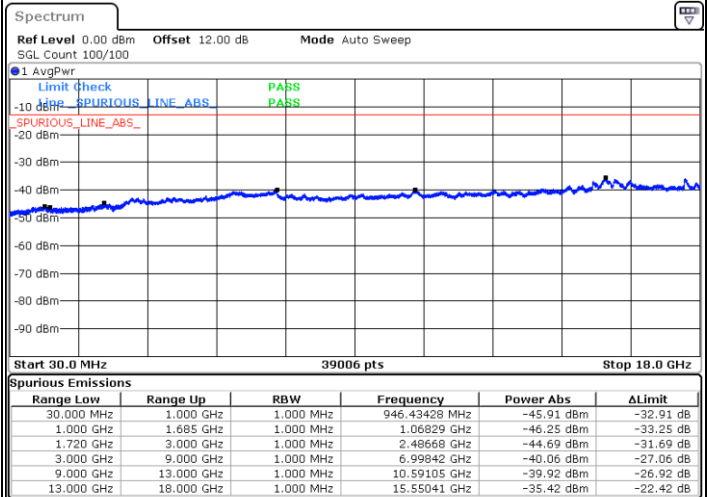
LTE Band 70 / 5MHz

Lowest Channel / QPSK



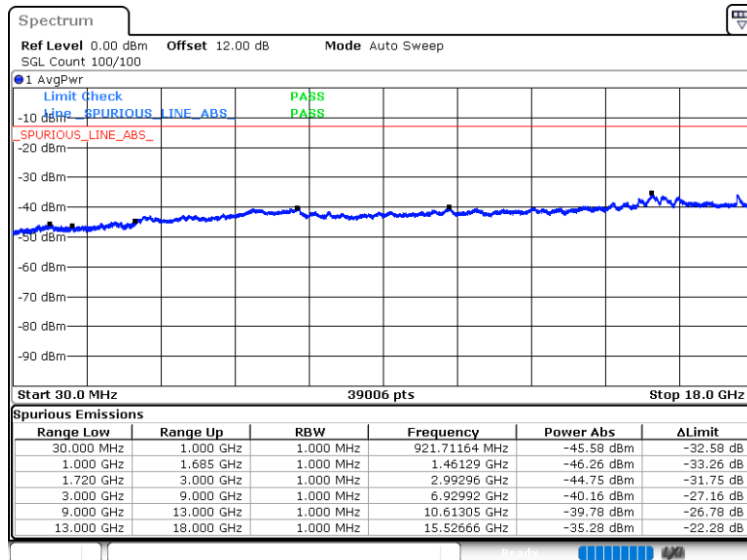
Date: 29.APR.2025 17:48:32

Middle Channel / QPSK



Date: 29.APR.2025 17:49:58

Highest Channel / QPSK

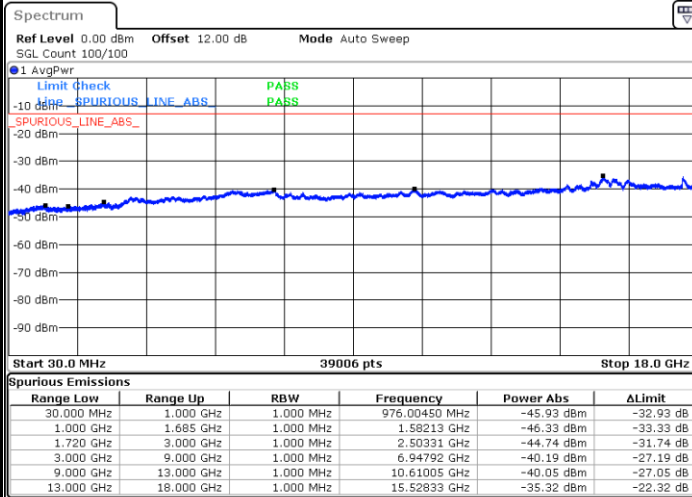


Date: 29.APR.2025 17:51:27



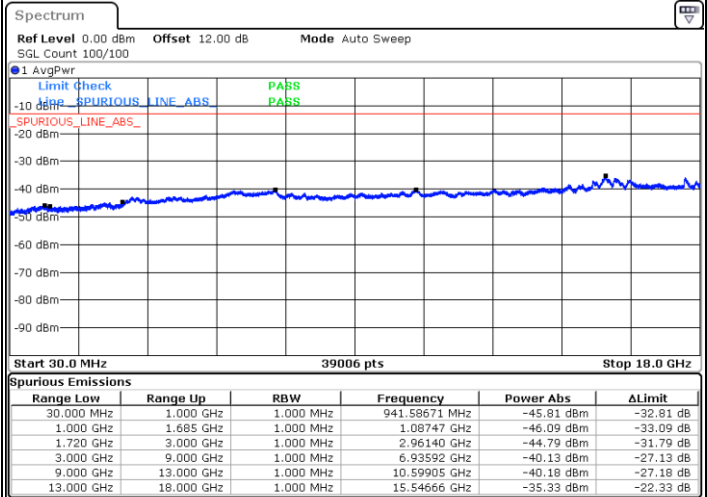
LTE Band 70 / 10MHz

Lowest Channel / QPSK



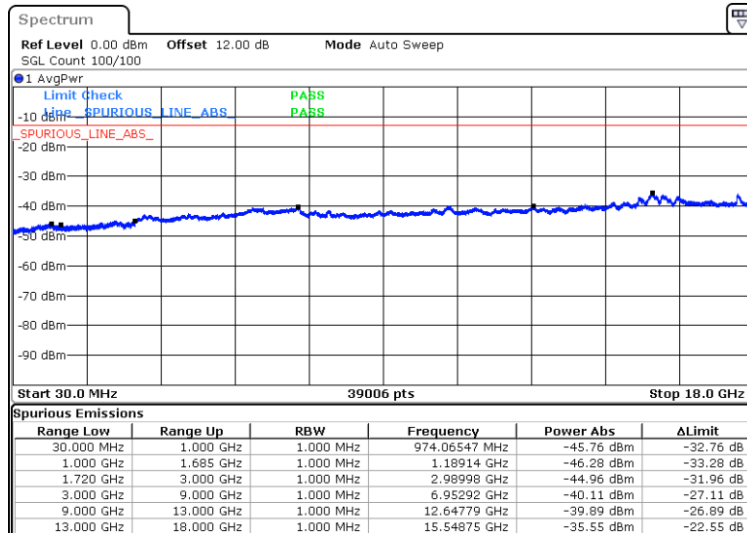
Date: 29.APR.2025 17:54:31

Middle Channel / QPSK



Date: 29.APR.2025 17:55:59

Highest Channel / QPSK

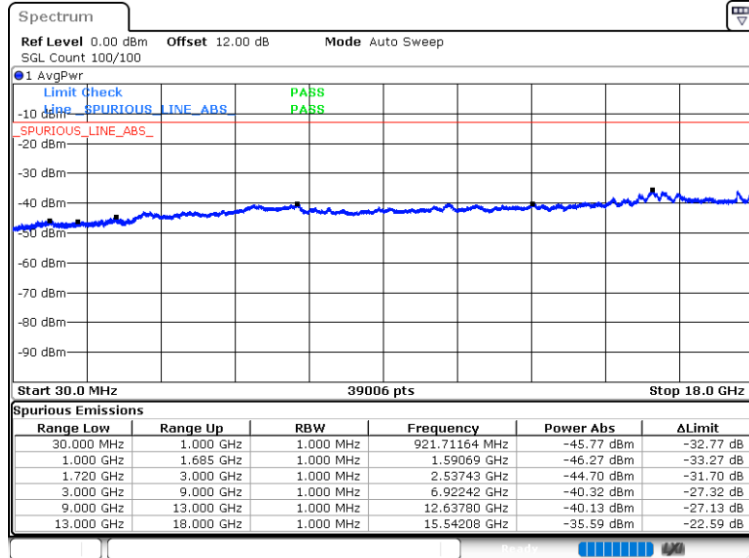


Date: 29.APR.2025 17:57:30



LTE Band 70 / 15MHz

Middle Channel / QPSK



Date: 29.APR.2025 17:58:59

Frequency Stability

Test Conditions		LTE Band 70 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0033	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.14 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



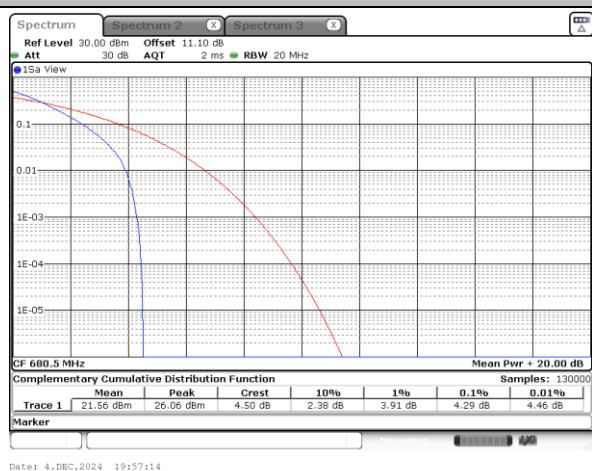
LTE Band 71

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	4.29	5.42	6.23	6.46	PASS

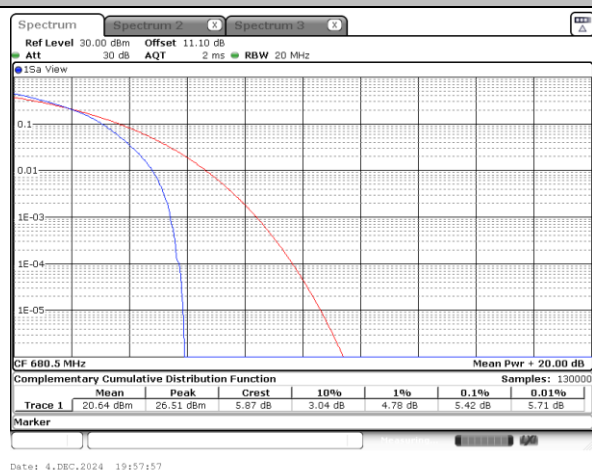
LTE Band 71 / 20MHz / QPSK

Middle Channel / Full RB



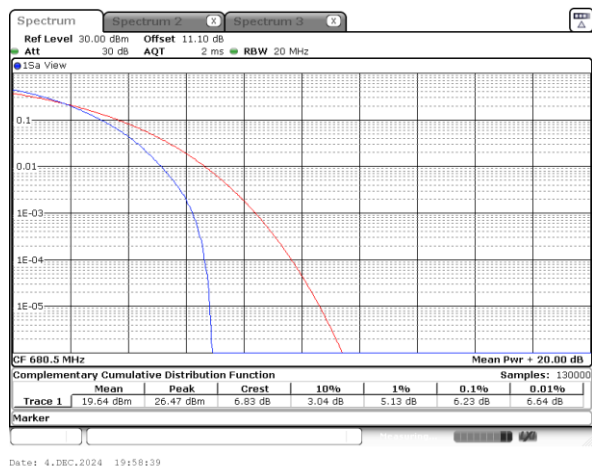
LTE Band 71 / 20MHz / 16QAM

Middle Channel / Full RB



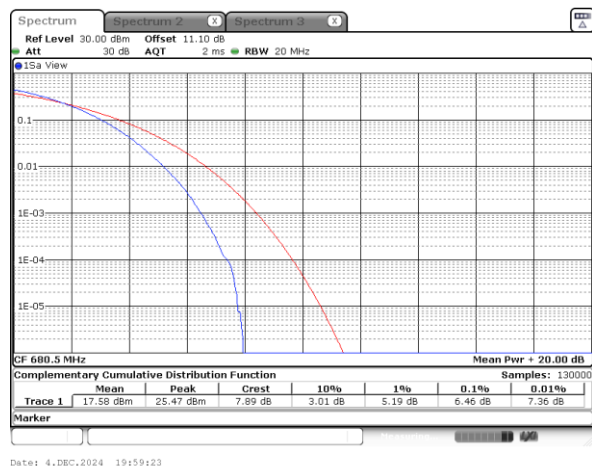
LTE Band 71 / 20MHz / 64QAM

Middle Channel / Full RB



LTE Band 71 / 20MHz / 256QAM

Middle Channel / Full RB



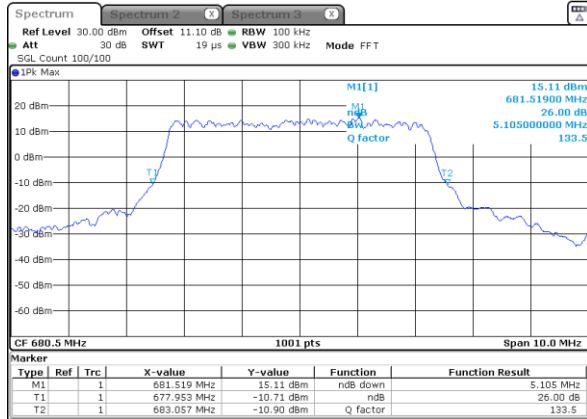
**26dB Bandwidth**

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	-	-	-	-	5.10	4.92	9.89	9.63	14.50	14.74	19.38	19.14
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	-	-	-	-	4.95	5.04	10.00	9.83	14.71	14.59	19.06	18.94

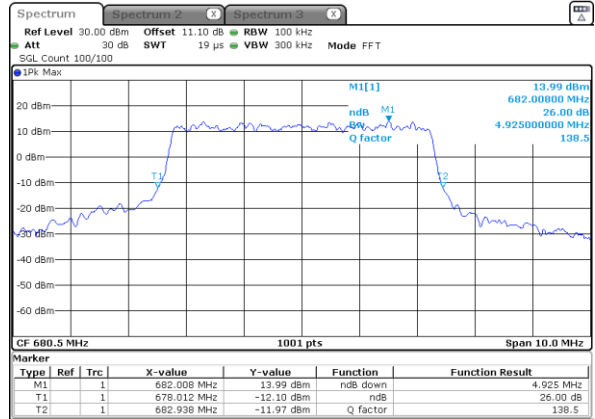


LTE Band 71

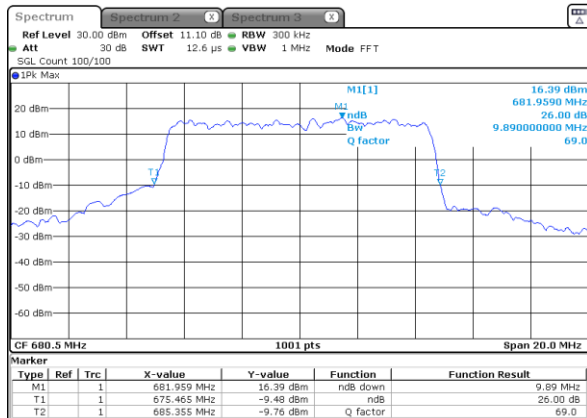
Middle Channel / 5MHz / QPSK



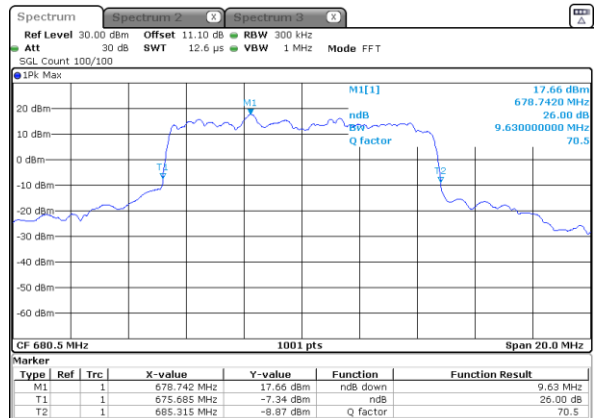
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



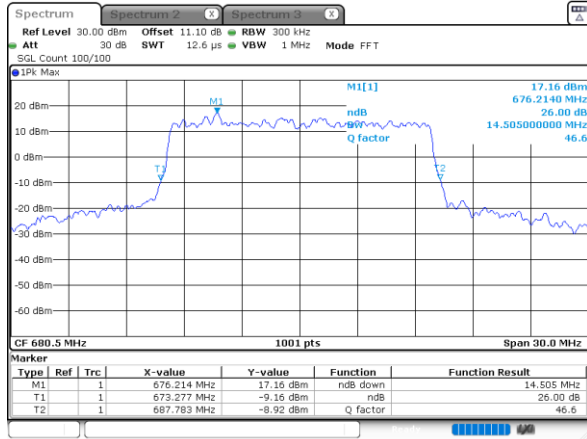
Middle Channel / 10MHz / 16QAM



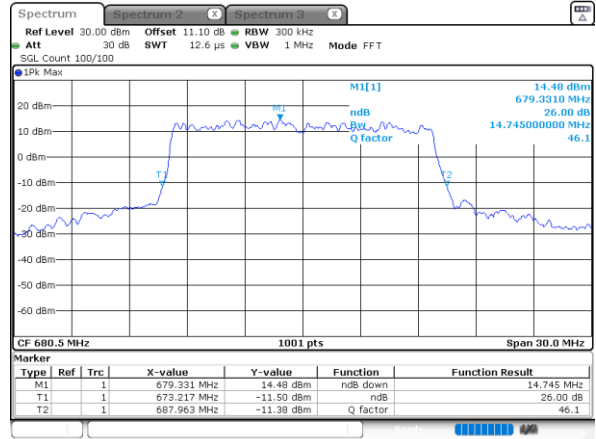


LTE Band 71

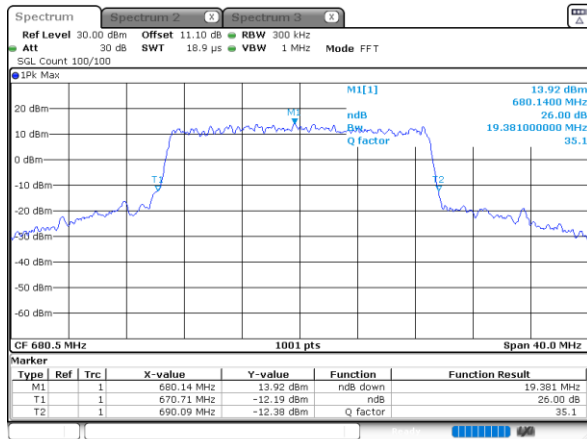
Middle Channel / 15MHz / QPSK



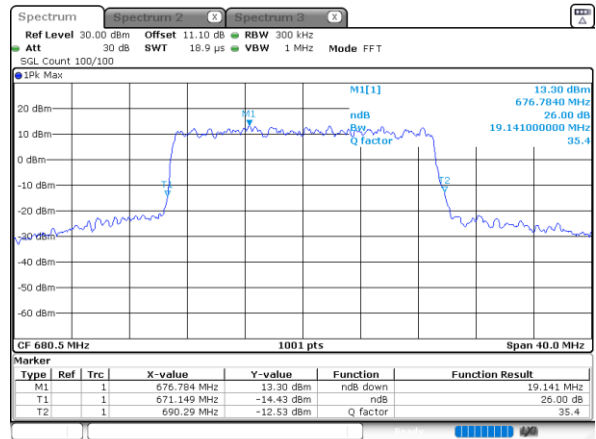
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



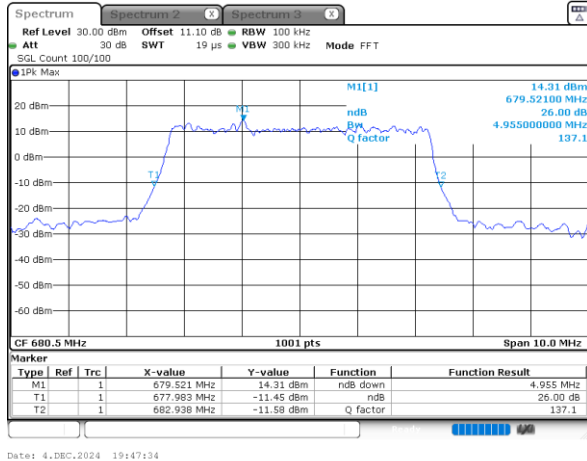
Middle Channel / 20MHz / 16QAM



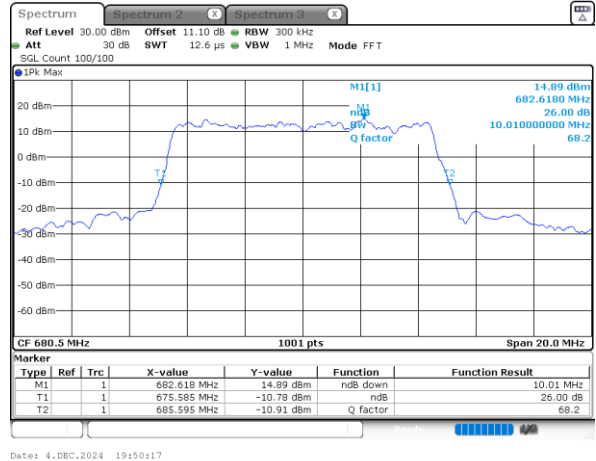


LTE Band 71

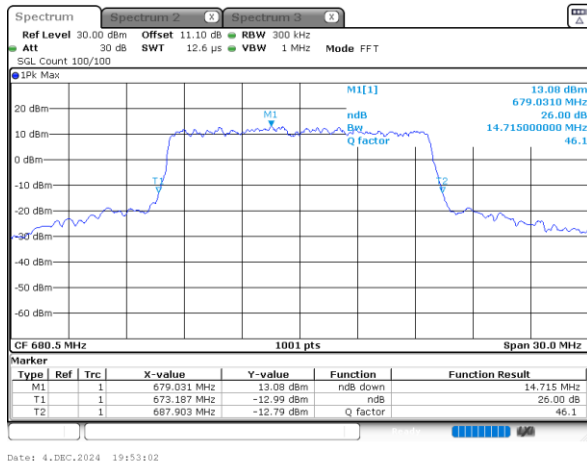
Middle Channel / 5MHz / 64QAM



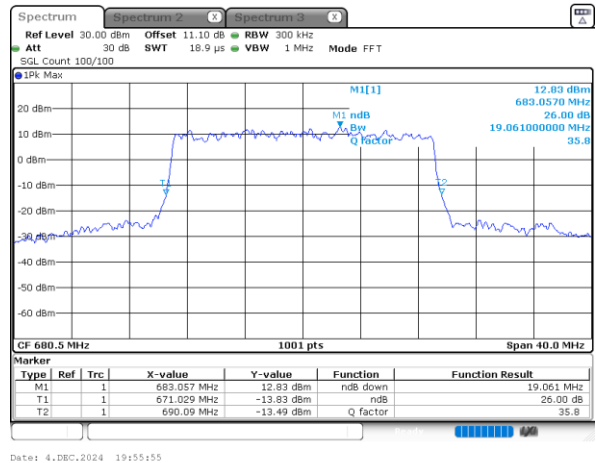
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



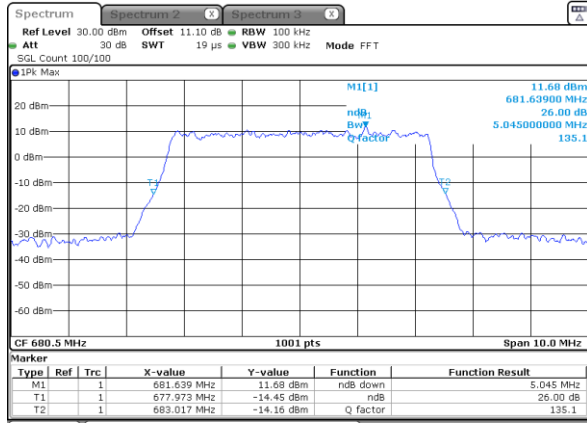
Middle Channel / 20MHz / 64QAM





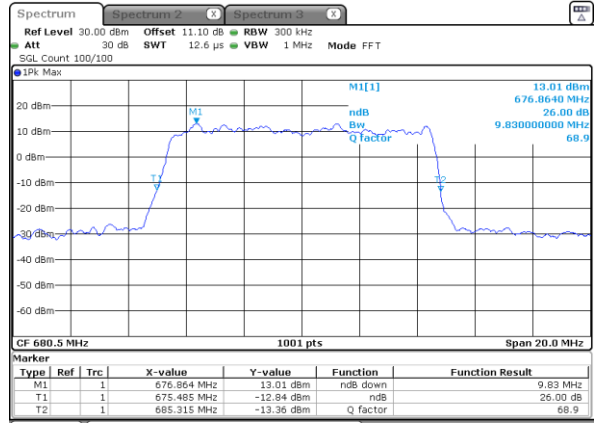
LTE Band 71

Middle Channel / 5MHz / 256QAM



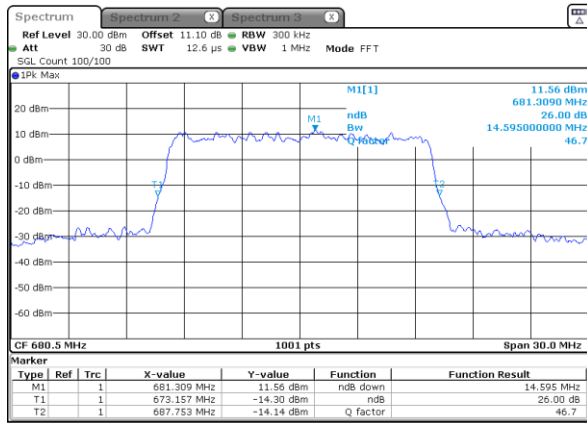
Date: 4,DEC,2024 19:48:13

Middle Channel / 10MHz / 256QAM



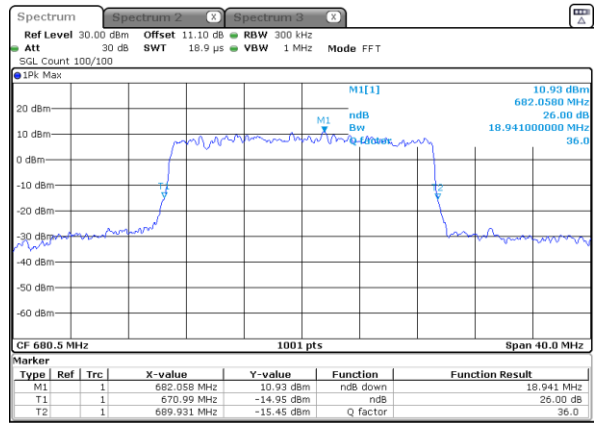
Date: 4,DEC,2024 19:50:57

Middle Channel / 15MHz / 256QAM



Date: 4,DEC,2024 19:53:46

Middle Channel / 20MHz / 256QAM



Date: 4,DEC,2024 19:56:35

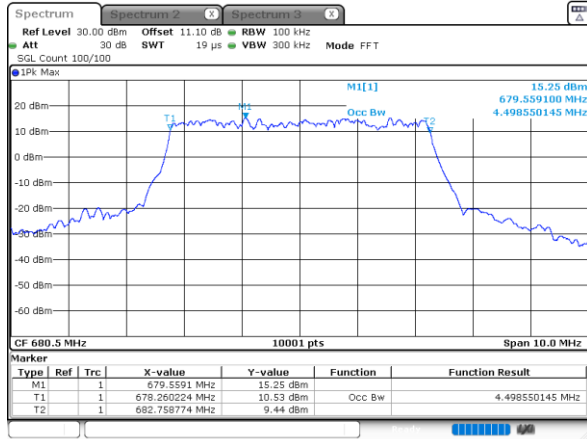
**Occupied Bandwidth**

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	4.49	9.05	9.05	13.53	13.41	17.85	17.81
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	-	-	-	-	4.50	4.48	9.04	9.02	13.40	13.42	17.79	17.83

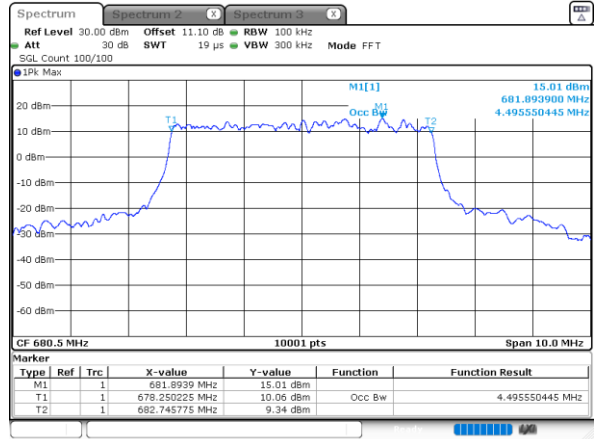


LTE Band 71

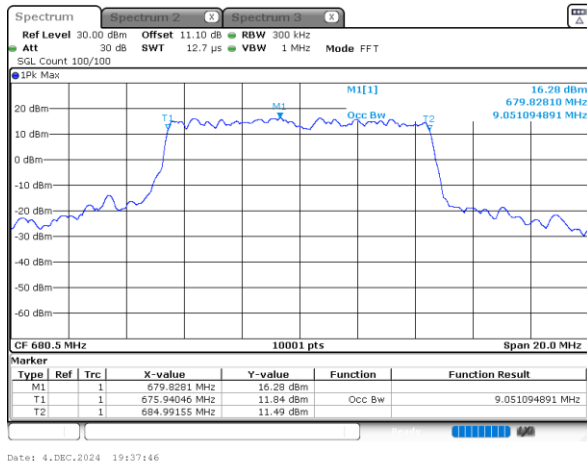
Middle Channel / 5MHz / QPSK



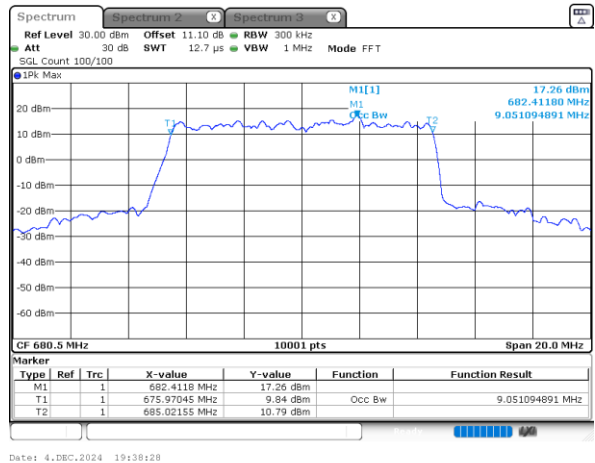
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK



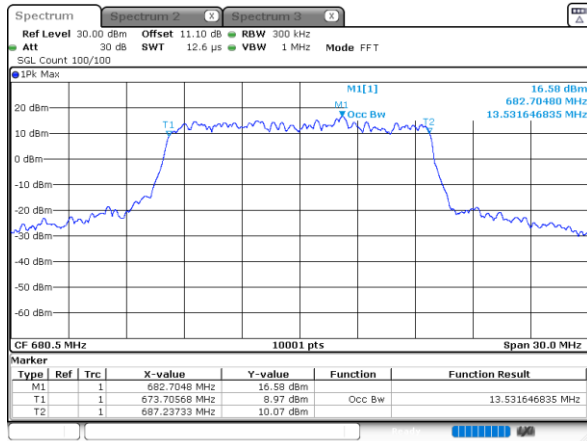
Middle Channel / 10MHz / 16QAM



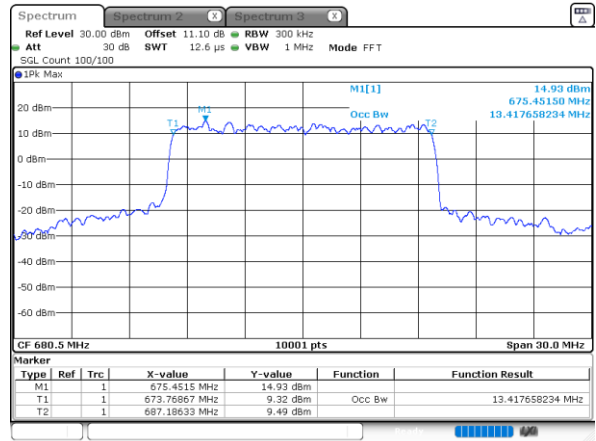


LTE Band 71

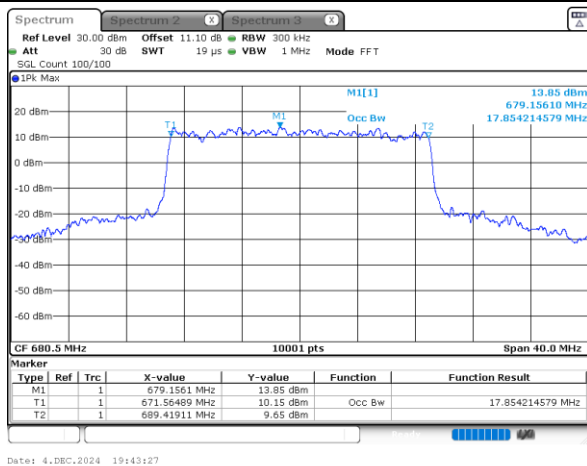
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

