

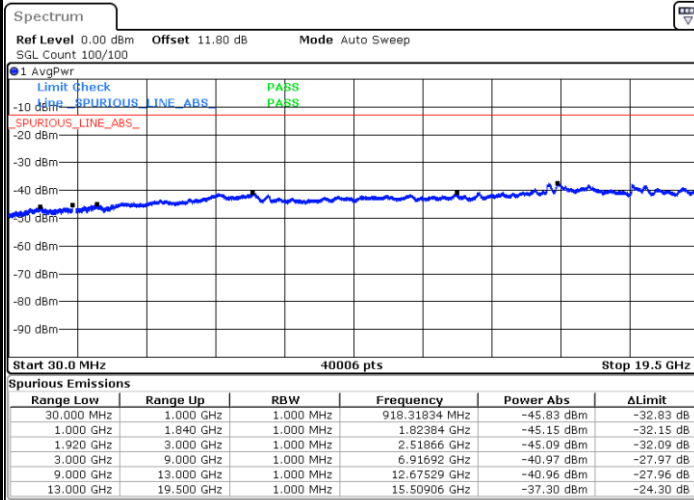


LTE Band 2C / 10MHz+20MHz

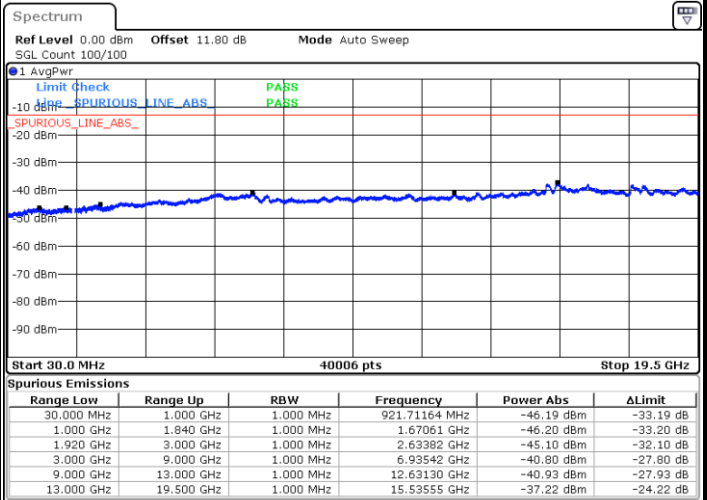
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



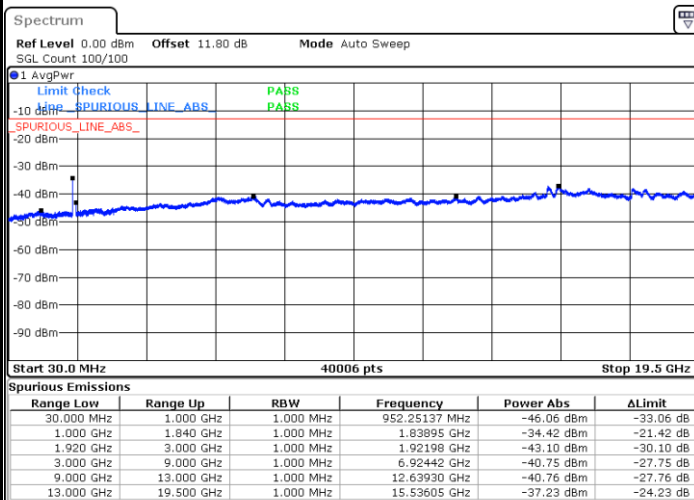
Date: 28.DEC.2023 15:04:03



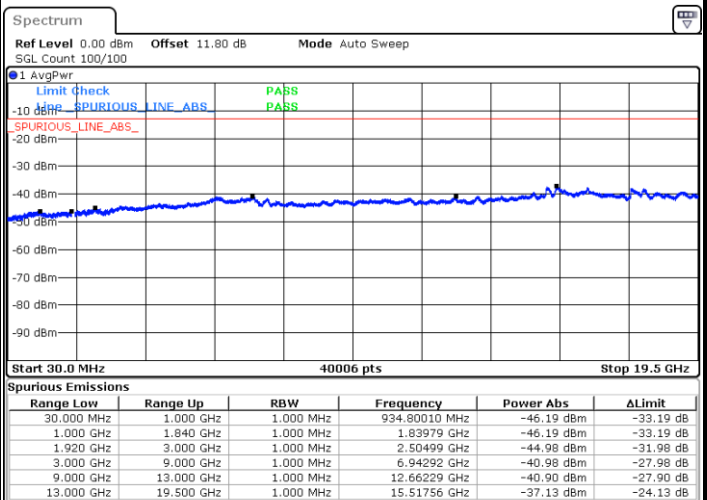
Date: 28.DEC.2023 15:05:16

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 28.DEC.2023 15:06:34



Date: 28.DEC.2023 15:07:47

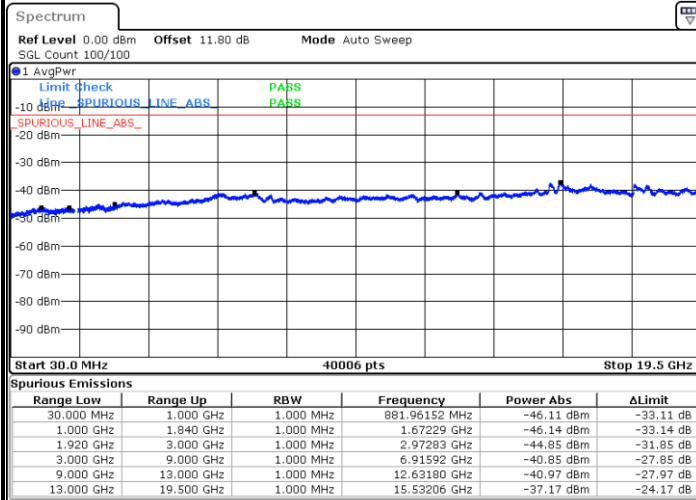


LTE Band 2C / 10MHz+20MHz

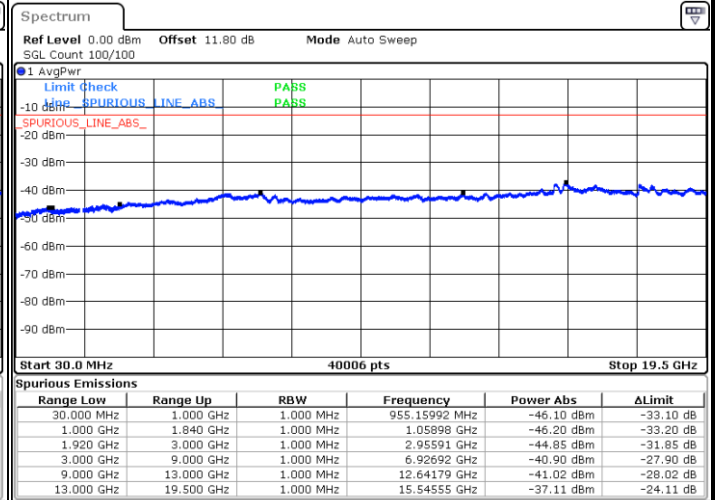
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Date: 28.DEC.2023 15:21:58



Date: 28.DEC.2023 15:23:12

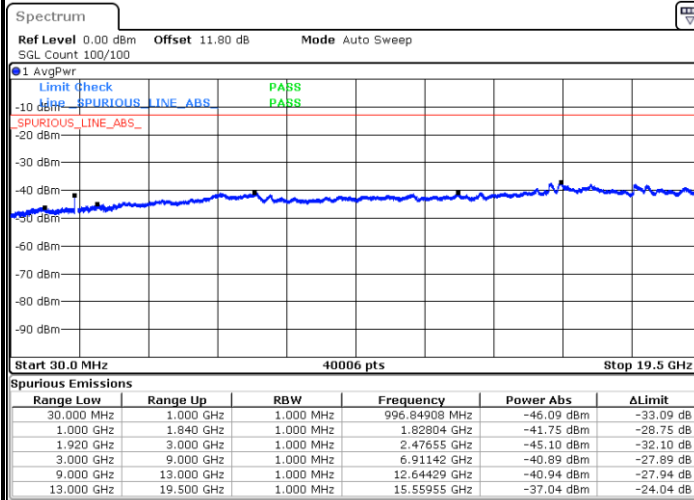


LTE Band 2C / 15MHz+10MHz

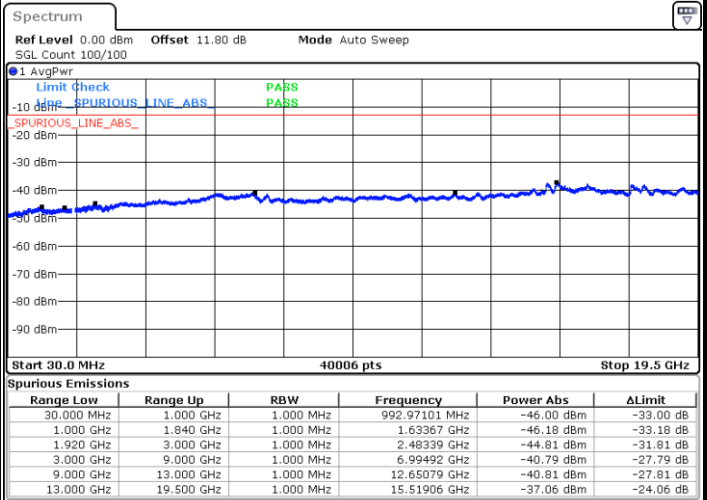
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB74 and 1RB0



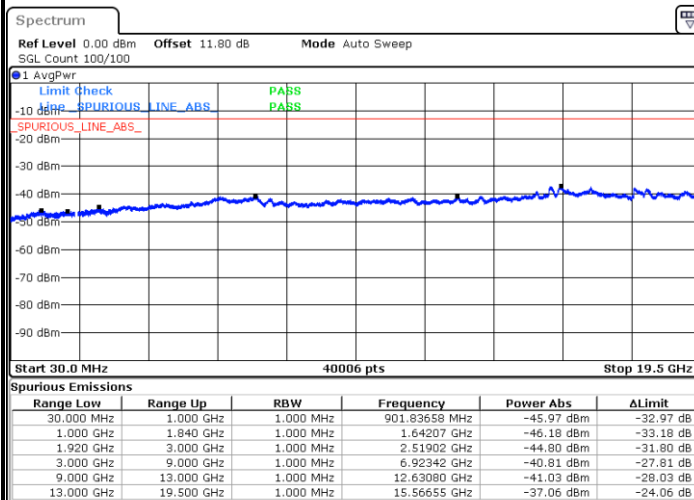
Date: 28.DEC.2023 18:25:28



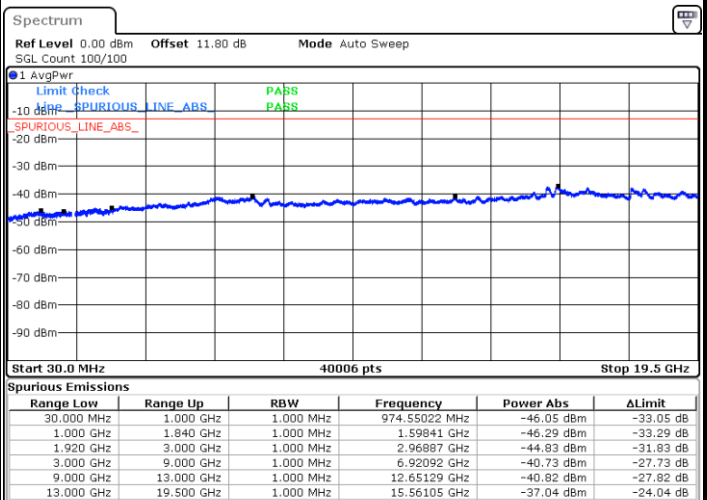
Date: 28.DEC.2023 18:26:41

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB74 and 1RB0



Date: 28.DEC.2023 18:27:58



Date: 28.DEC.2023 18:29:11

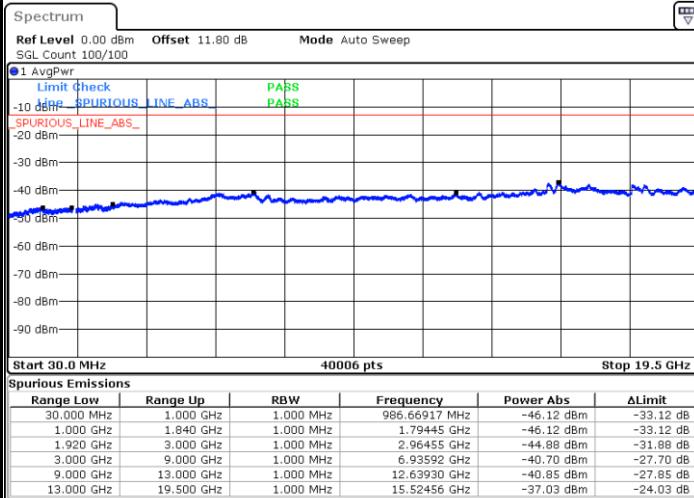


LTE Band 2C / 15MHz+10MHz

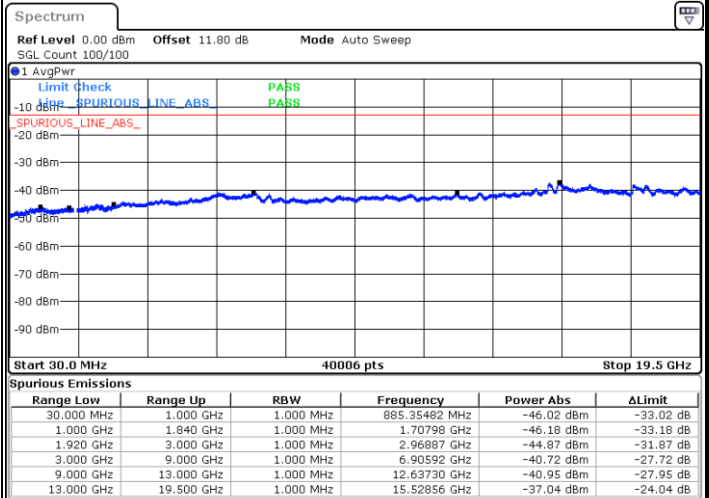
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB74 and 1RB0



Date: 28.DEC.2023 18:43:21



Date: 28.DEC.2023 18:44:35

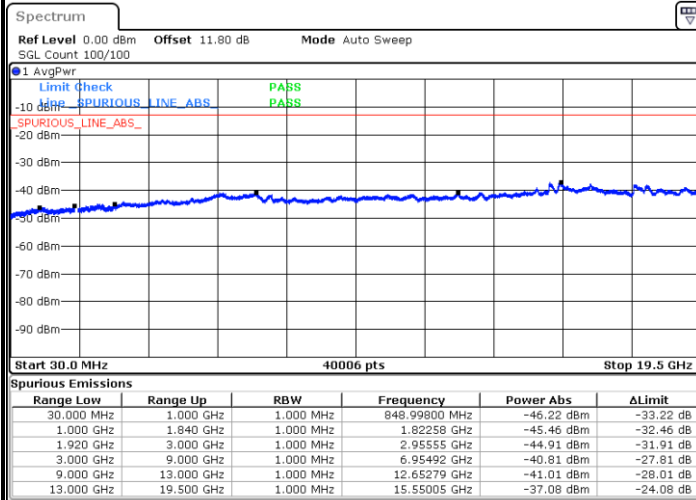


LTE Band 2C / 15MHz+15MHz

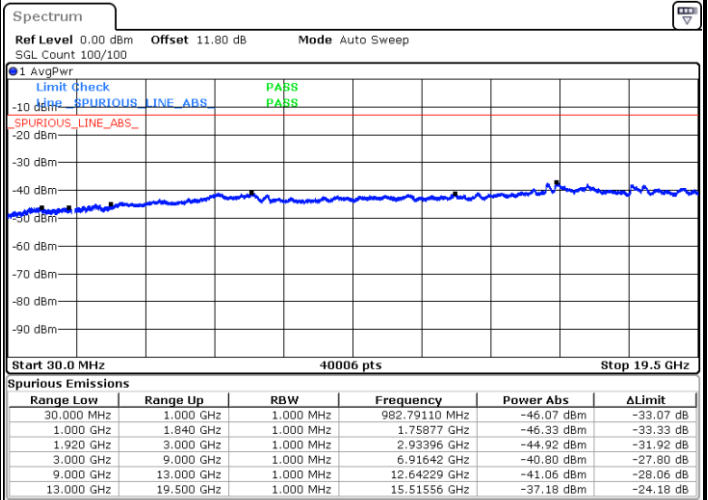
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



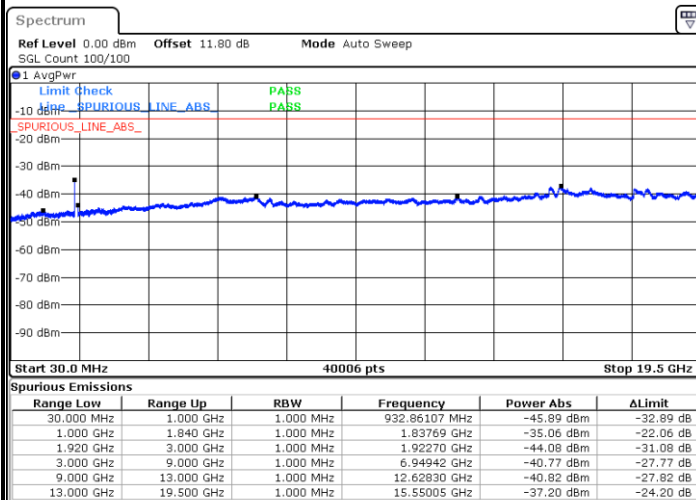
Date: 28.DEC.2023 17:18:48



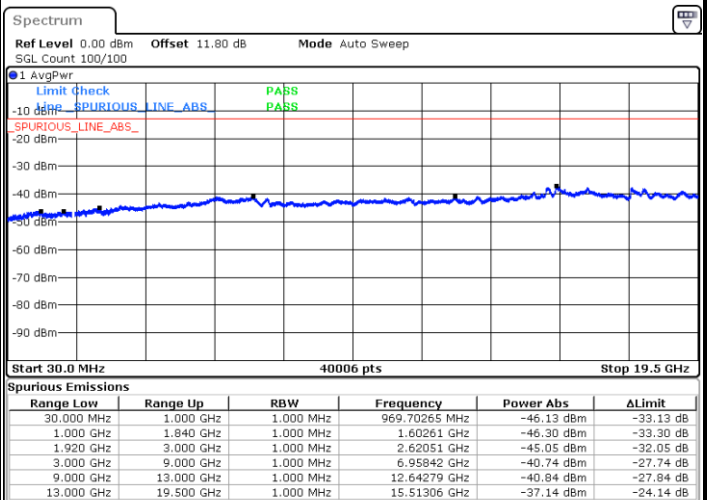
Date: 28.DEC.2023 17:20:01

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 28.DEC.2023 17:21:19



Date: 28.DEC.2023 17:22:32

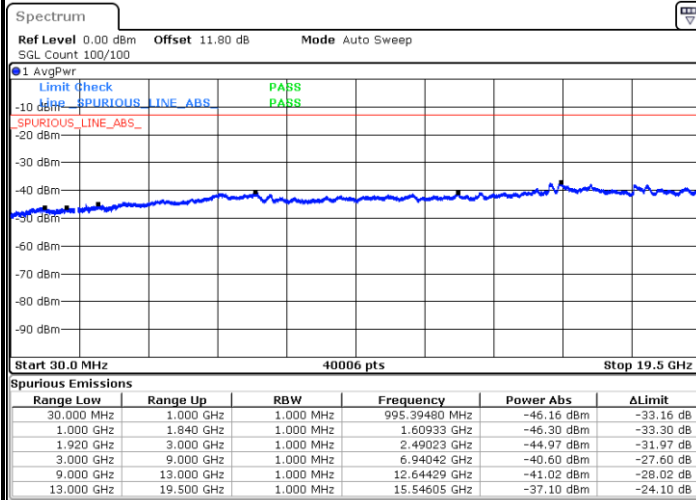


LTE Band 2C / 15MHz+15MHz

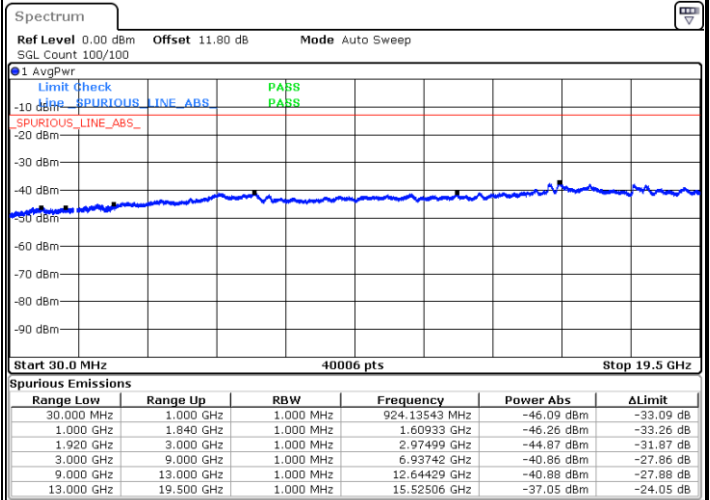
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



Date: 28.DEC.2023 17:36:42



Date: 28.DEC.2023 17:37:55

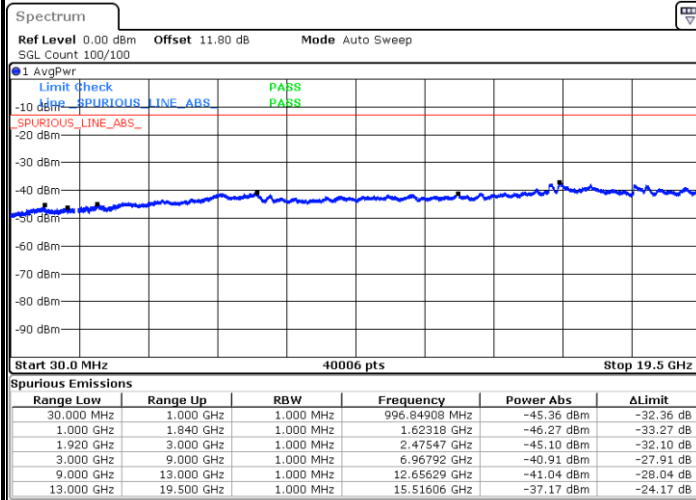


LTE Band 2C / 15MHz+20MHz

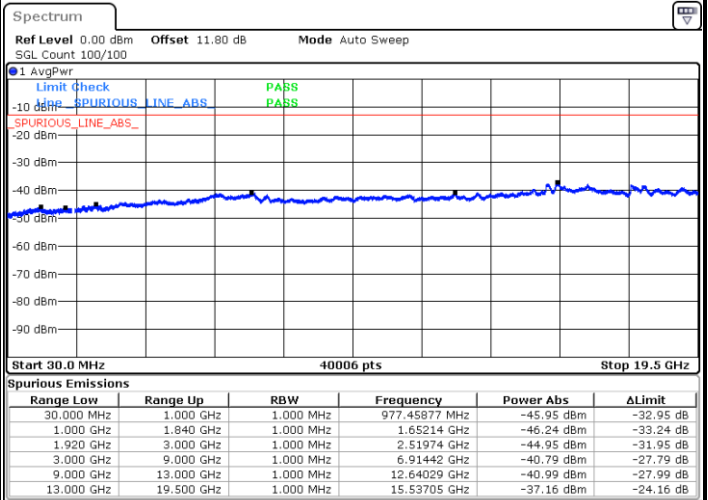
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



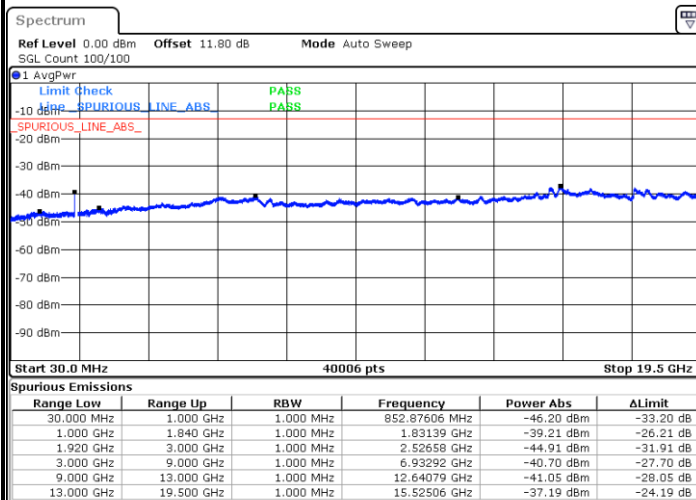
Date: 28.DEC.2023 16:10:44



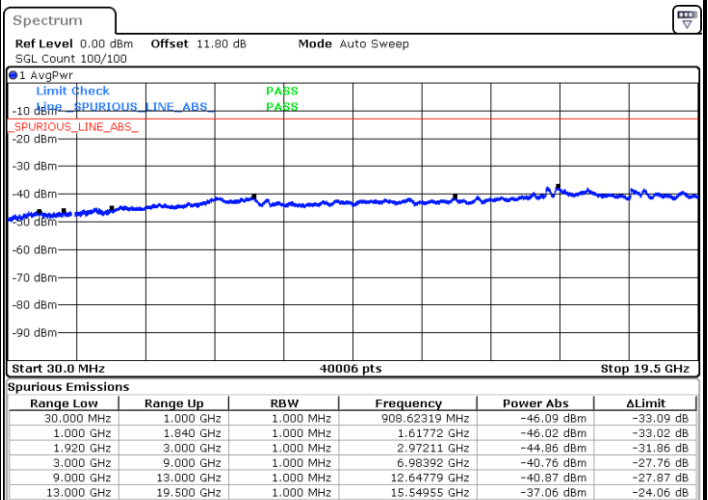
Date: 28.DEC.2023 16:11:58

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 28.DEC.2023 16:13:15



Date: 28.DEC.2023 16:14:29

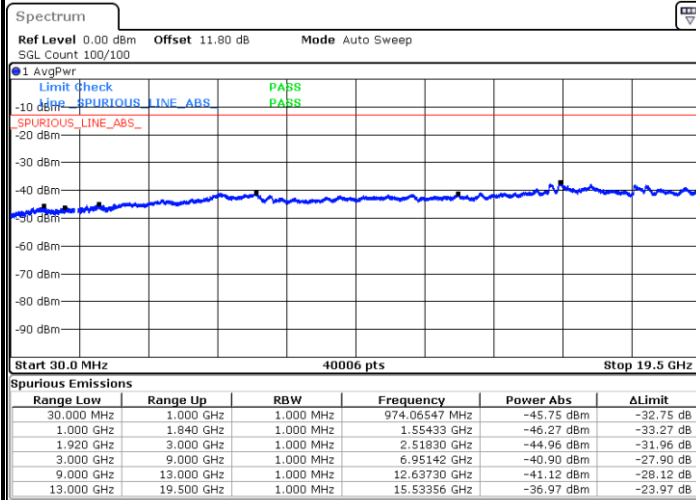


LTE Band 2C / 15MHz+20MHz

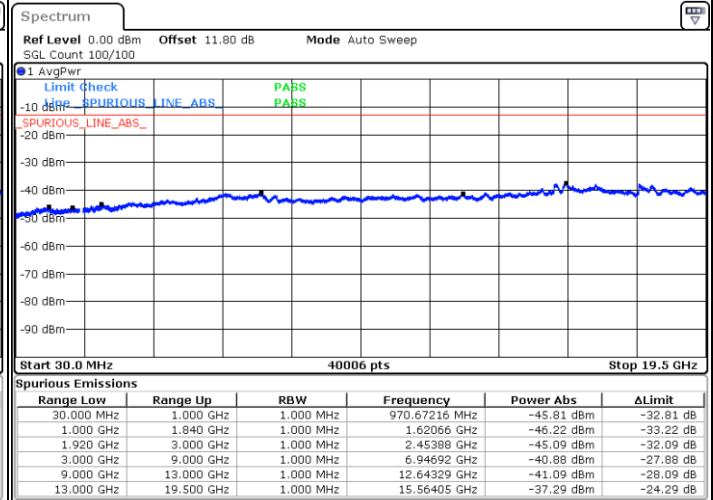
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 28.DEC.2023 16:28:39



Date: 28.DEC.2023 16:29:52

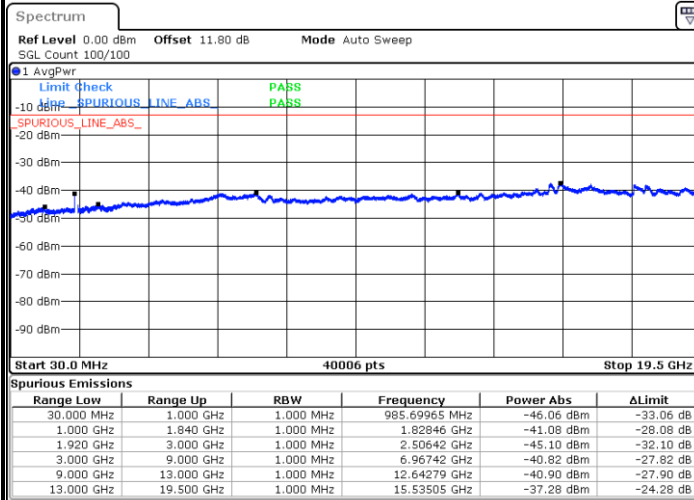


LTE Band 2C / 20MHz+5MHz

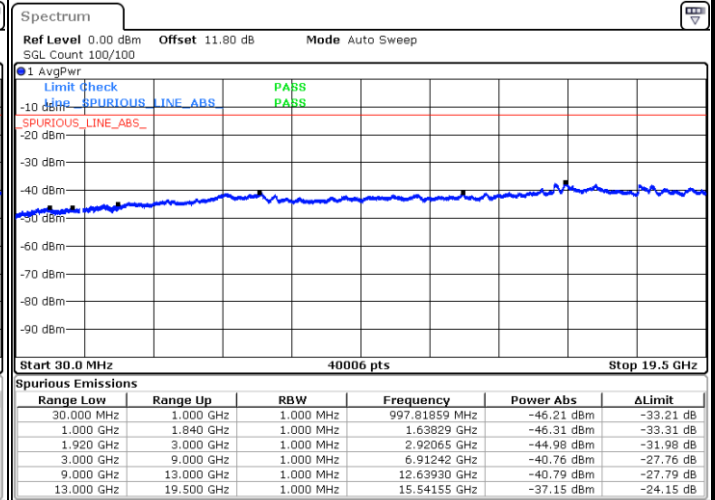
QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



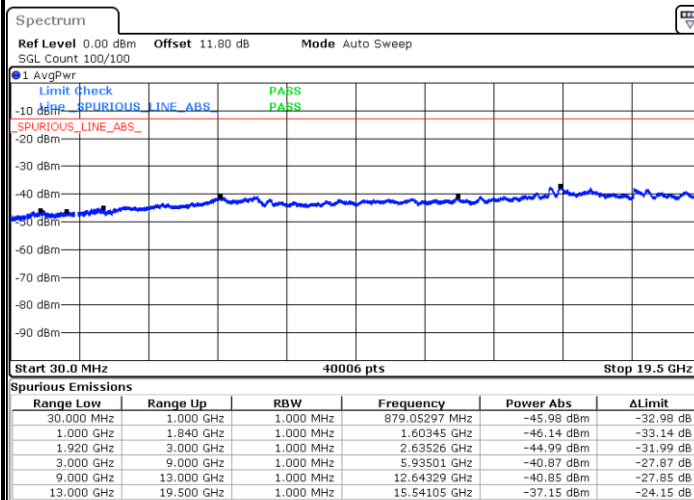
Date: 28.DEC.2023 14:29:43



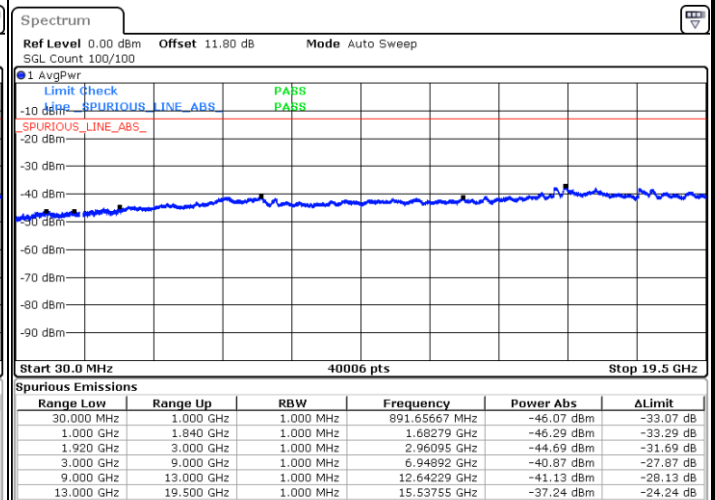
Date: 28.DEC.2023 14:30:57

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 28.DEC.2023 14:32:14



Date: 28.DEC.2023 14:33:27

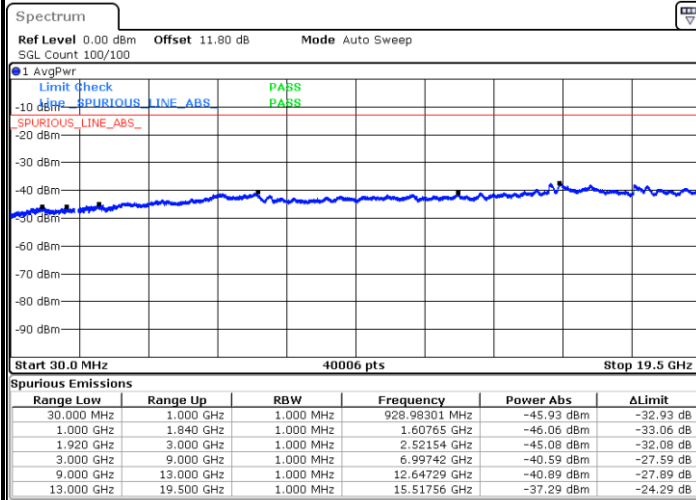


LTE Band 2C / 20MHz+5MHz

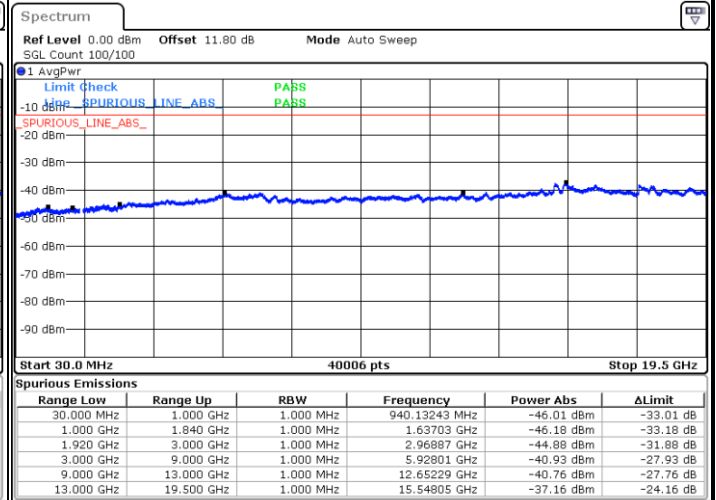
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 28.DEC.2023 14:48:37



Date: 28.DEC.2023 14:49:51

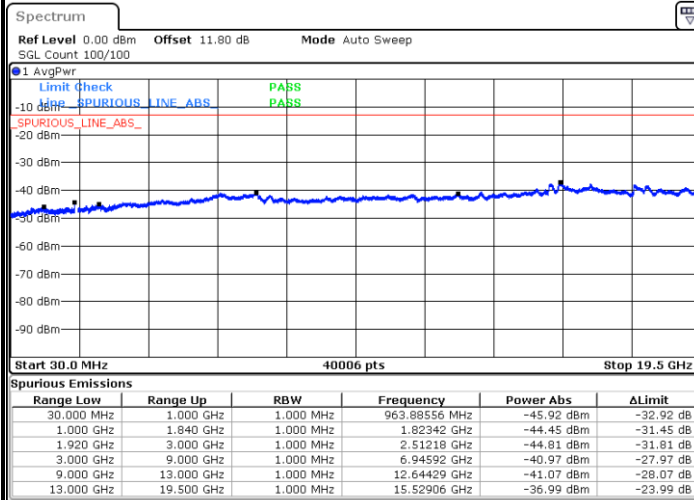


LTE Band 2C / 20MHz+10MHz

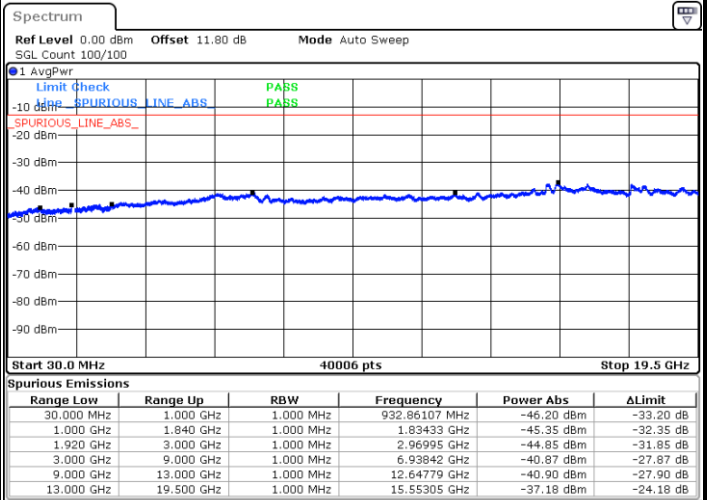
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



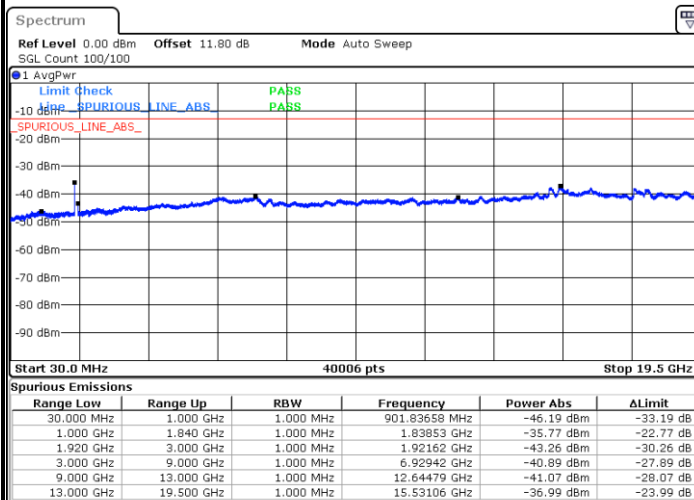
Date: 28.DEC.2023 15:37:23



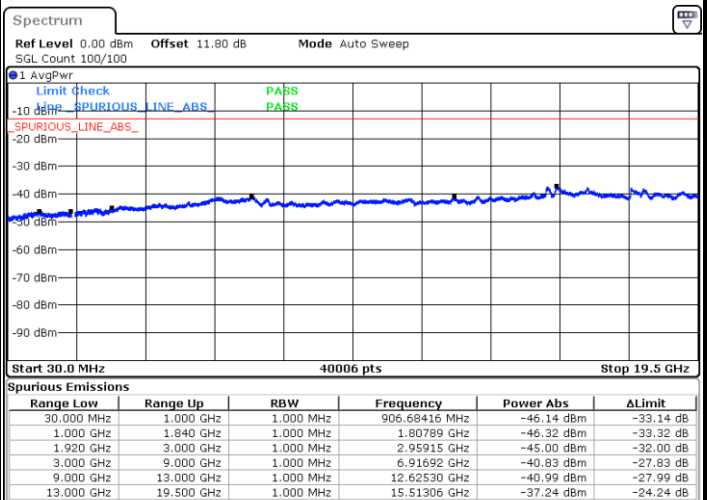
Date: 28.DEC.2023 15:38:37

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 28.DEC.2023 15:39:54



Date: 28.DEC.2023 15:41:07

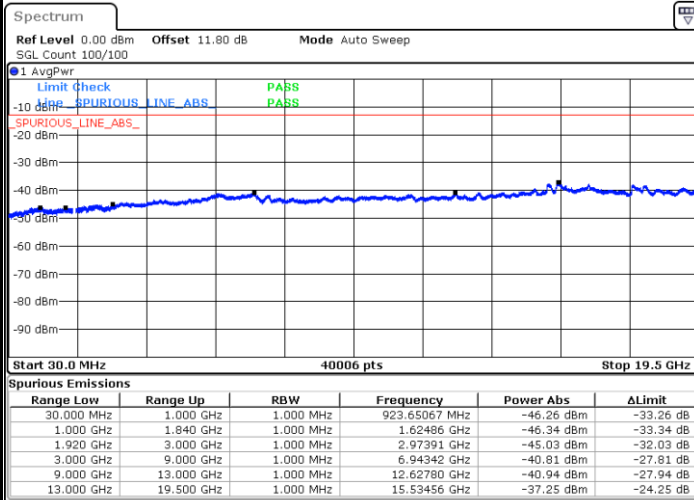


LTE Band 2C / 20MHz+10MHz

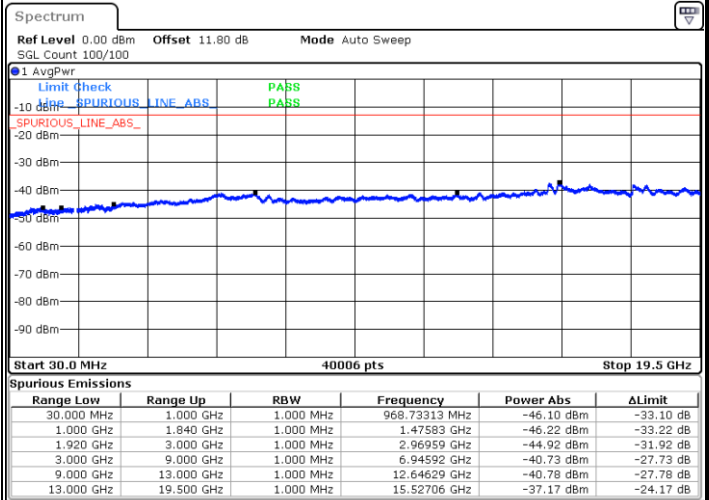
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 28.DEC.2023 15:55:19



Date: 28.DEC.2023 15:56:32

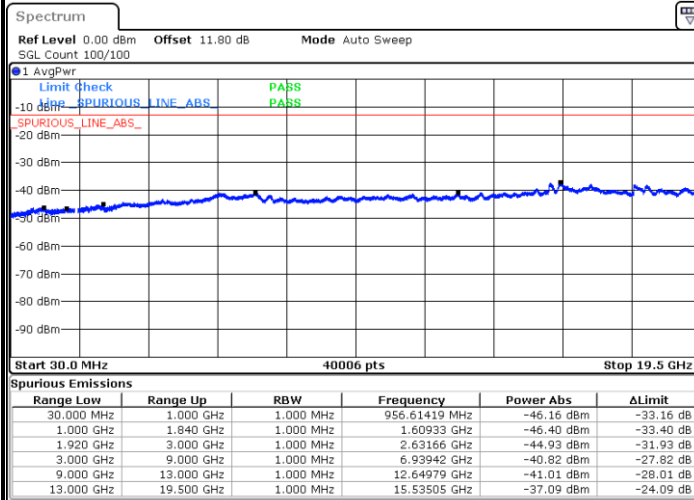


LTE Band 2C / 20MHz+15MHz

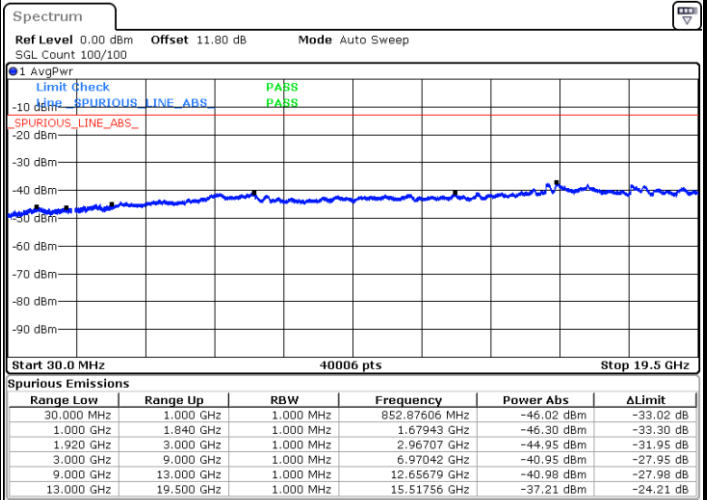
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



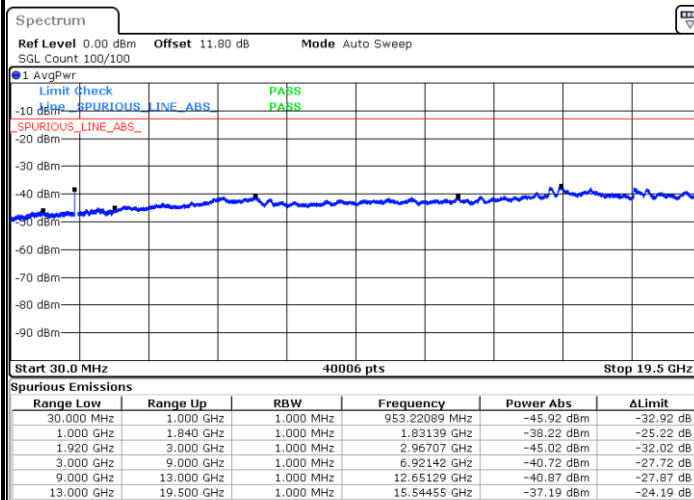
Date: 28.DEC.2023 16:44:03



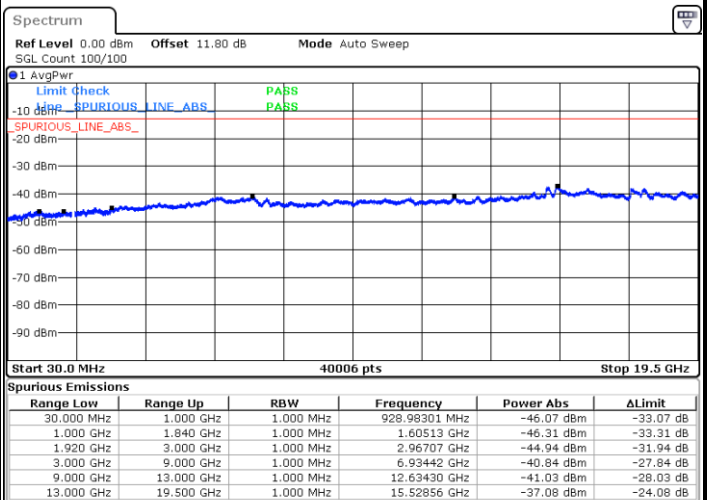
Date: 28.DEC.2023 16:45:16

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 28.DEC.2023 16:46:34



Date: 28.DEC.2023 16:47:47

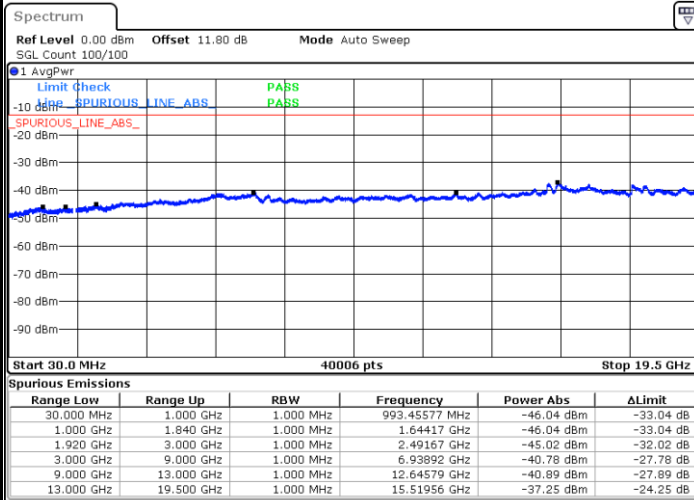


LTE Band 2C / 20MHz+15MHz

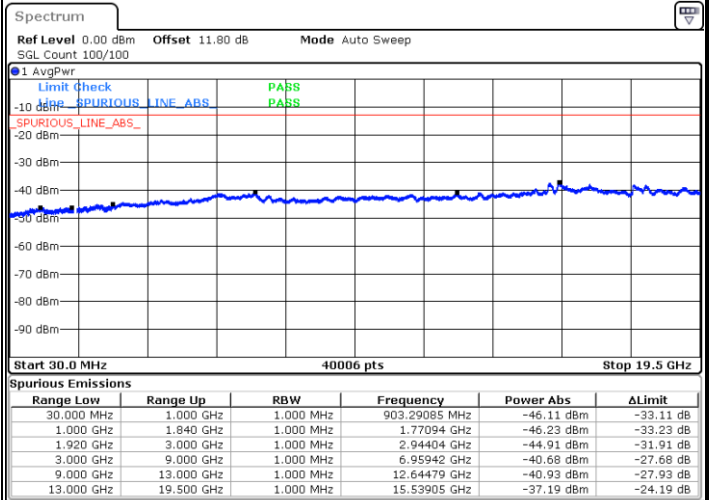
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 28.DEC.2023 17:01:57



Date: 28.DEC.2023 17:03:11

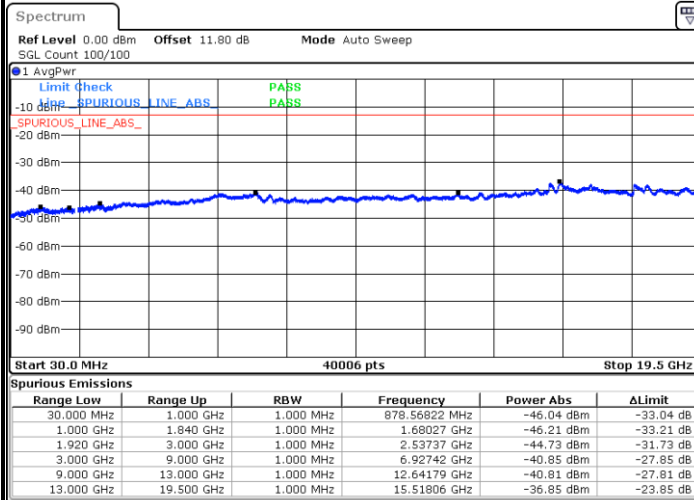


LTE Band 2C / 20MHz+20MHz

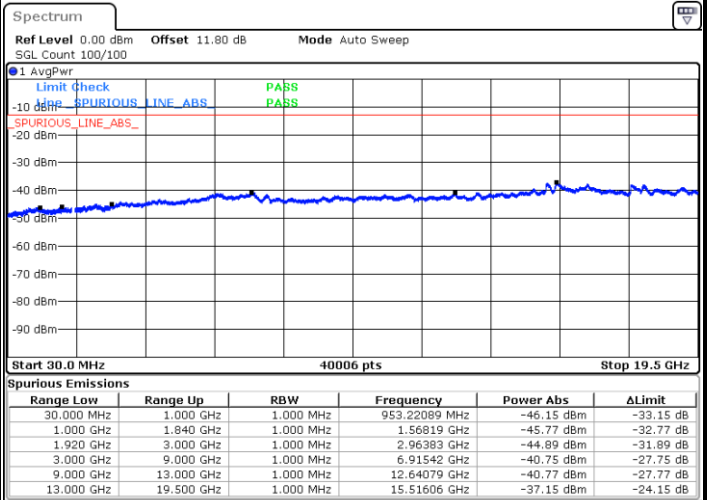
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



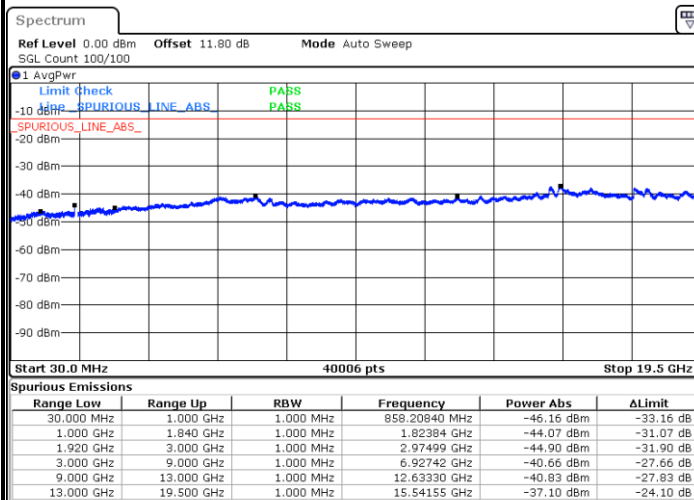
Date: 28.DEC.2023 18:58:45



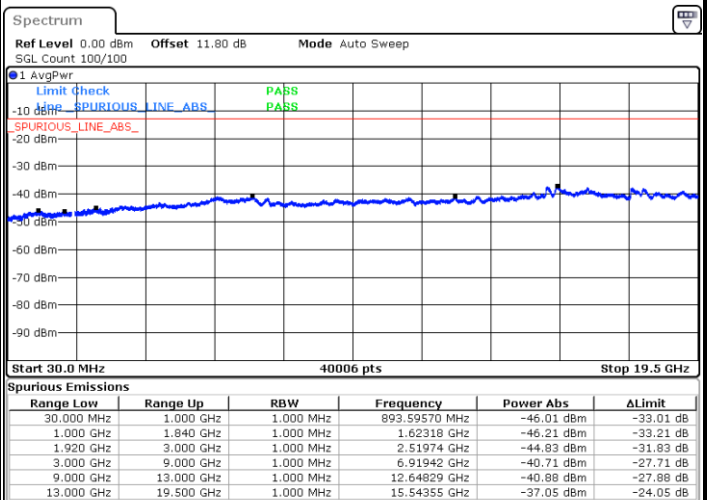
Date: 28.DEC.2023 18:59:59

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 28.DEC.2023 19:01:16



Date: 28.DEC.2023 19:02:29

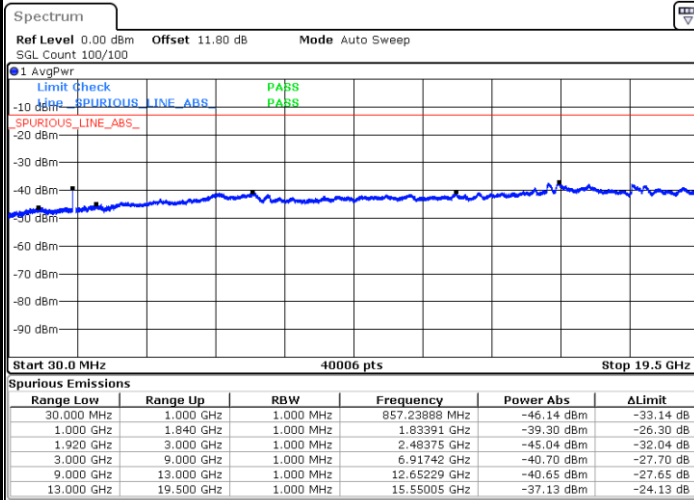


LTE Band 2C / 20MHz+20MHz

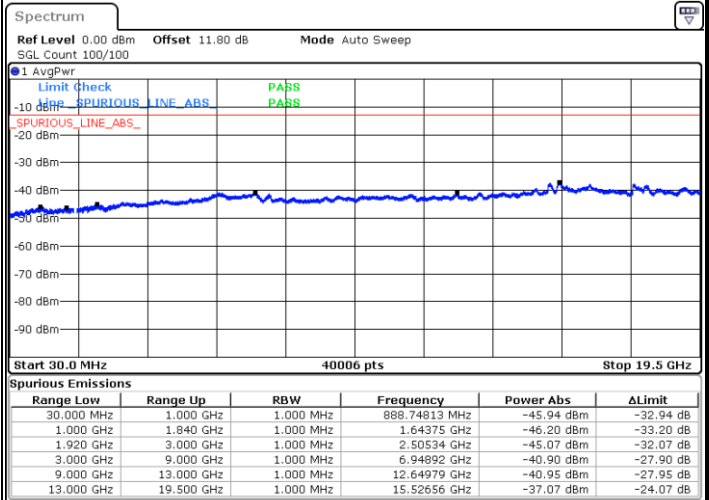
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 28.DEC.2023 19:16:39



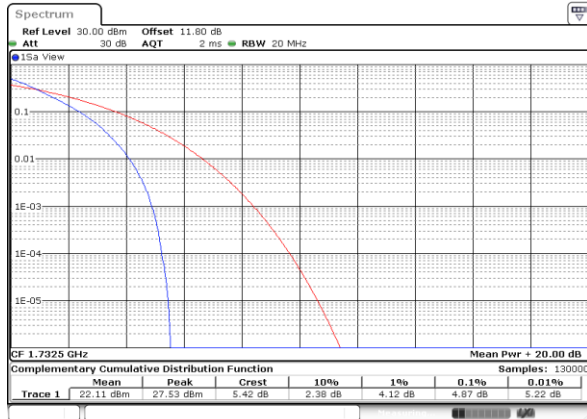
Date: 28.DEC.2023 19:17:52



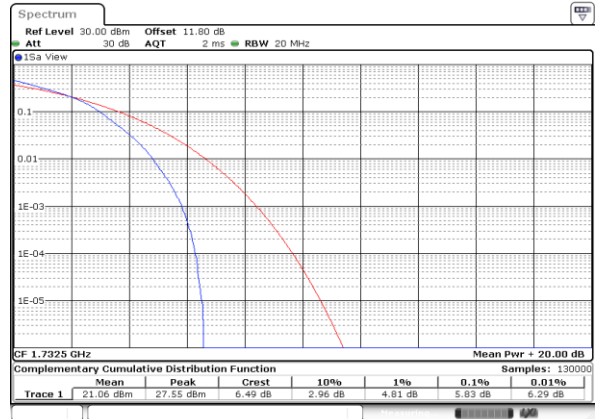
LTE Band 4

Peak-to-Average Ratio

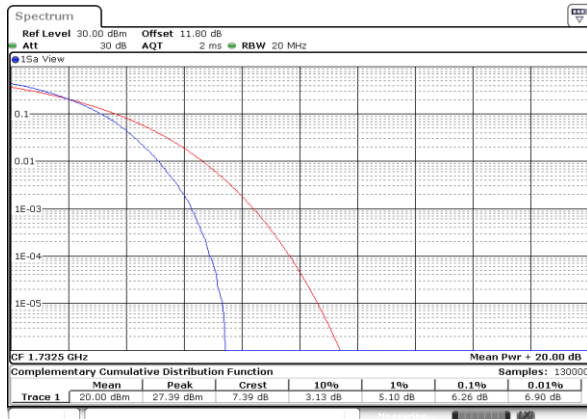
Mode	LTE Band 4 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.83	6.26	6.61	PASS

LTE Band 4 / 20MHz / QPSK
Middle Channel / Full RB


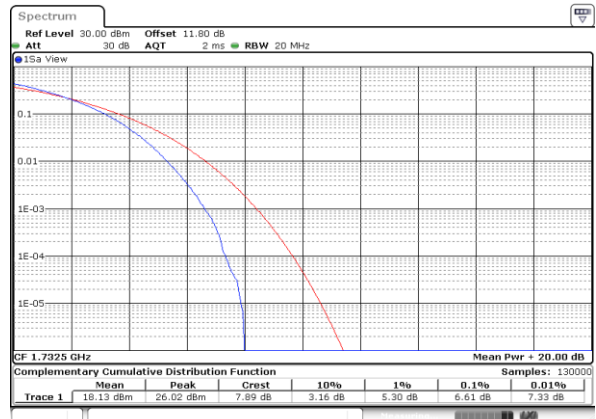
Date: 21.DEC.2023 16:17:31

LTE Band 4 / 20MHz / 16QAM
Middle Channel / Full RB


Date: 21.DEC.2023 16:17:08

LTE Band 4 / 20MHz / 64QAM
Middle Channel / Full RB


Date: 21.DEC.2023 16:17:55

LTE Band 4 / 20MHz / 256QAM
Middle Channel / Full RB


Date: 21.DEC.2023 16:18:18

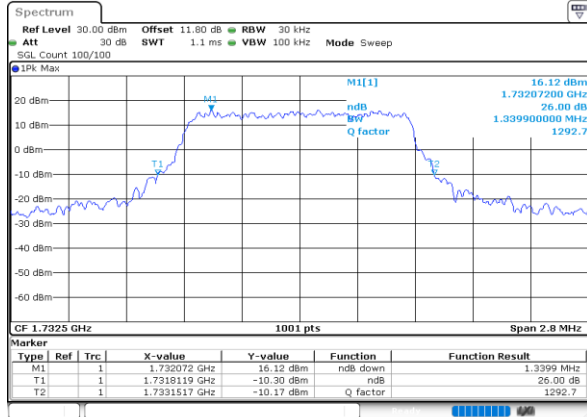
**26dB Bandwidth**

Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.33	1.32	3.03	3.05	4.93	5.02	9.73	9.76	14.41	14.47	19.06	19.06
Mode	LTE Band 4 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.35	1.30	3.06	3.06	5.05	4.91	9.78	9.76	14.38	14.53	19.14	19.30

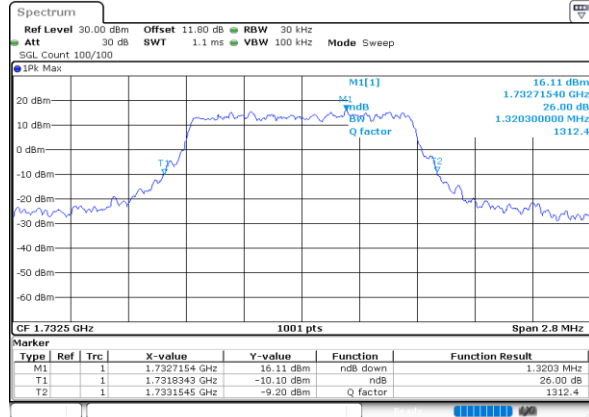


LTE Band 4

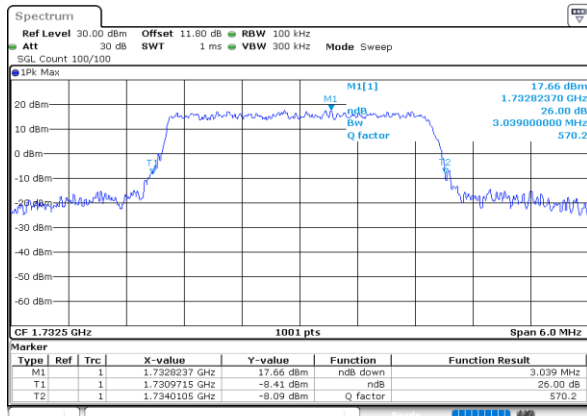
Middle Channel / 1.4MHz / QPSK



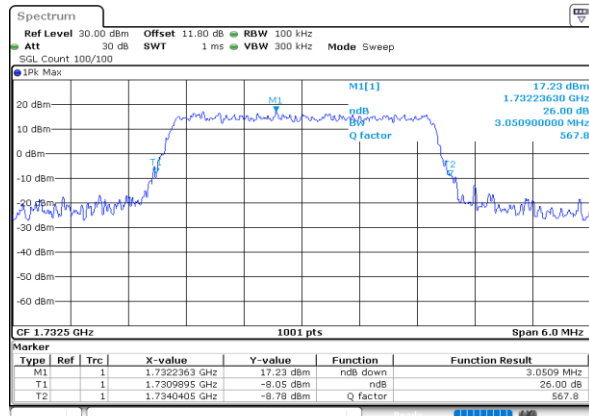
Middle Channel / 1.4MHz / 16QAM



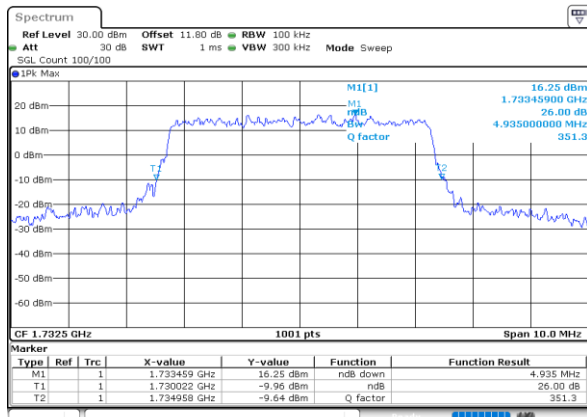
Middle Channel / 3MHz / QPSK



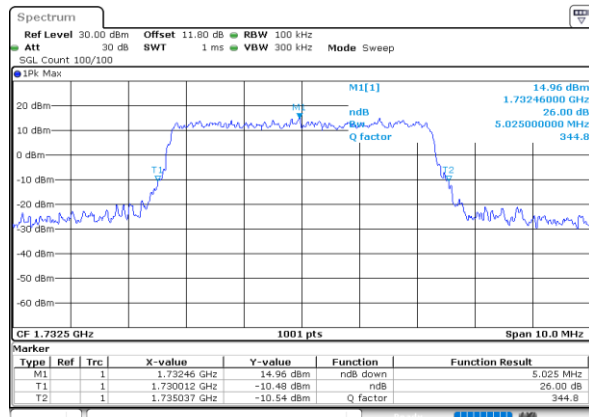
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



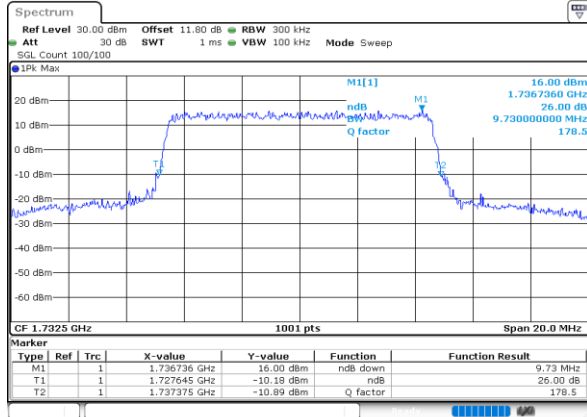
Middle Channel / 5MHz / 16QAM



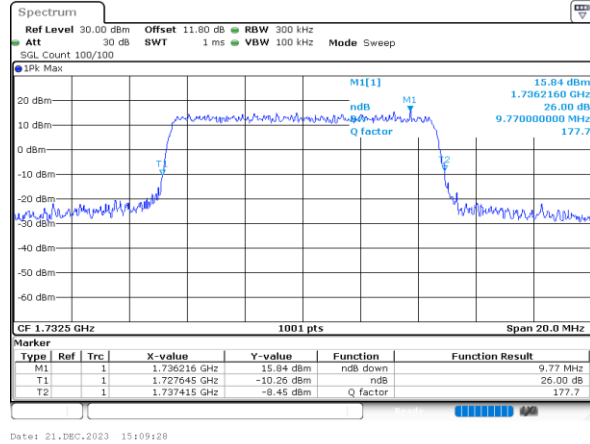


LTE Band 4

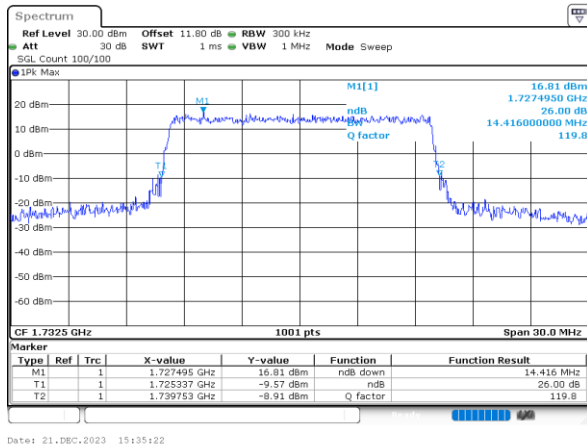
Middle Channel / 10MHz / QPSK



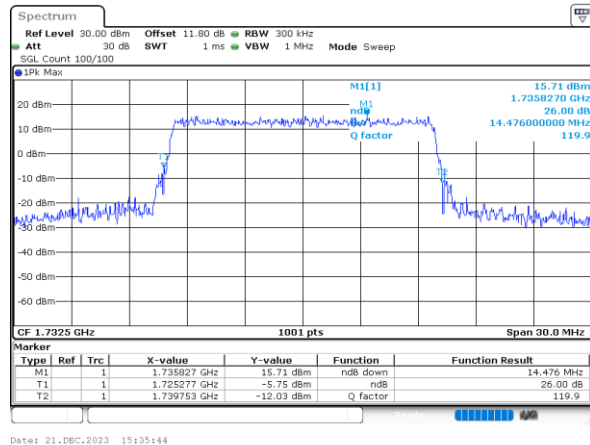
Middle Channel / 10MHz / 16QAM



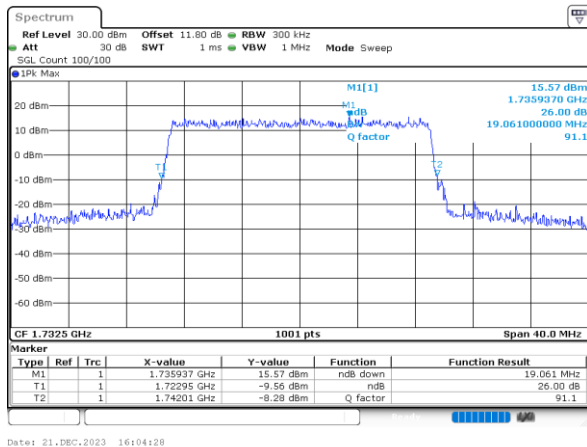
Middle Channel / 15MHz / QPSK



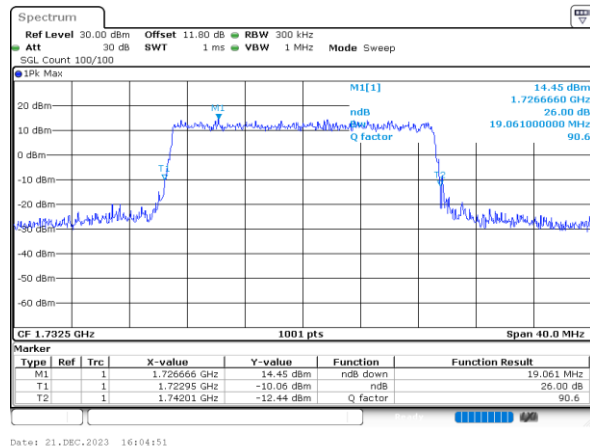
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



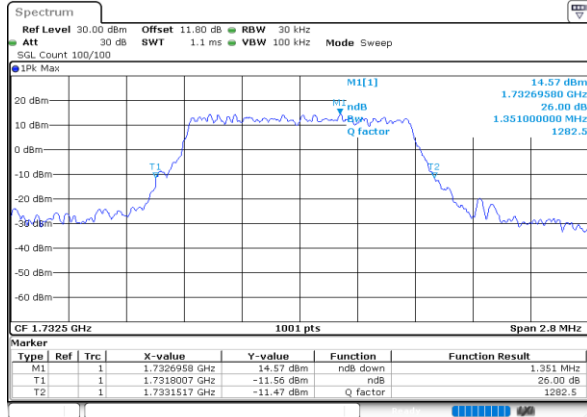
Middle Channel / 20MHz / 16QAM





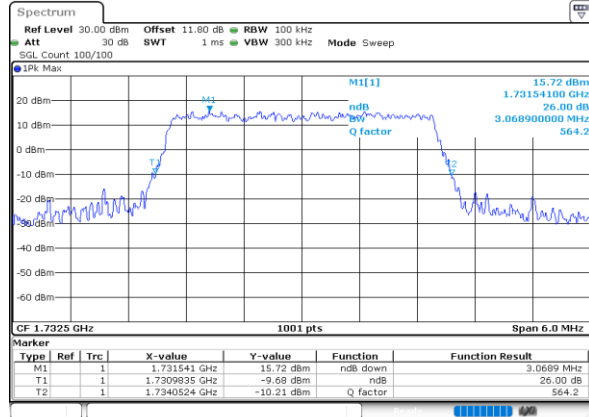
LTE Band 4

Middle Channel / 1.4MHz / 64QAM



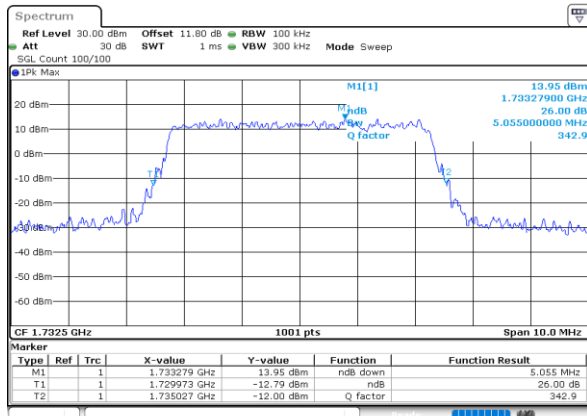
Date: 21.DEC.2023 13:47:21

Middle Channel / 3MHz / 64QAM



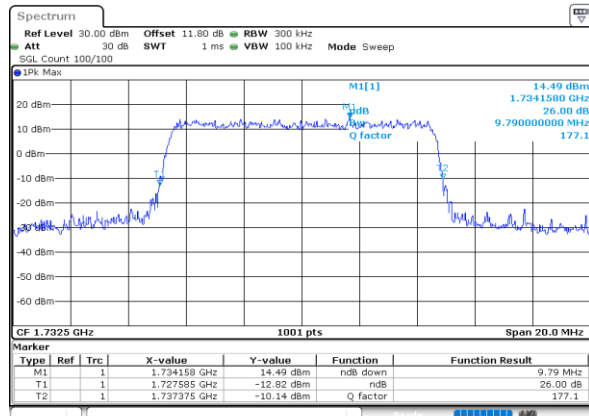
Date: 21.DEC.2023 14:09:45

Middle Channel / 5MHz / 64QAM



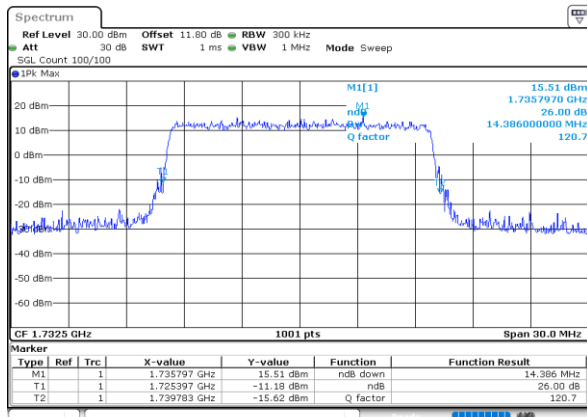
Date: 21.DEC.2023 14:47:55

Middle Channel / 10MHz / 64QAM



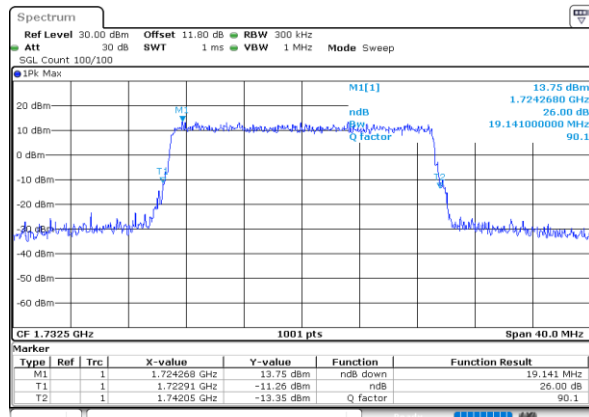
Date: 21.DEC.2023 15:10:35

Middle Channel / 15MHz / 64QAM



Date: 21.DEC.2023 15:36:52

Middle Channel / 20MHz / 64QAM

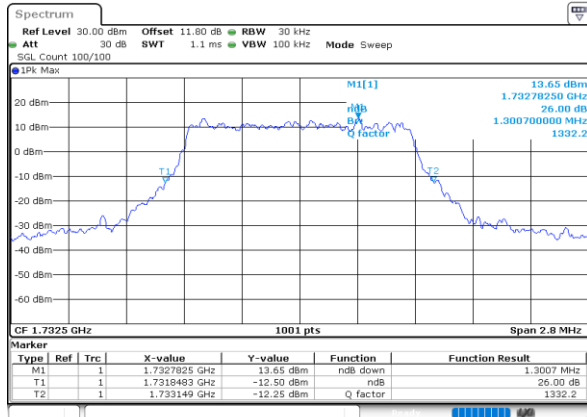


Date: 21.DEC.2023 16:05:58

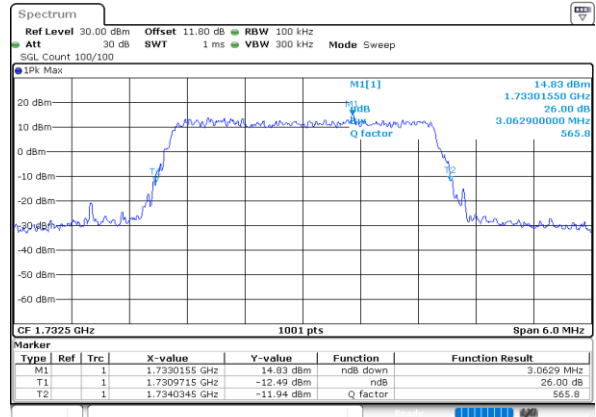


LTE Band 4

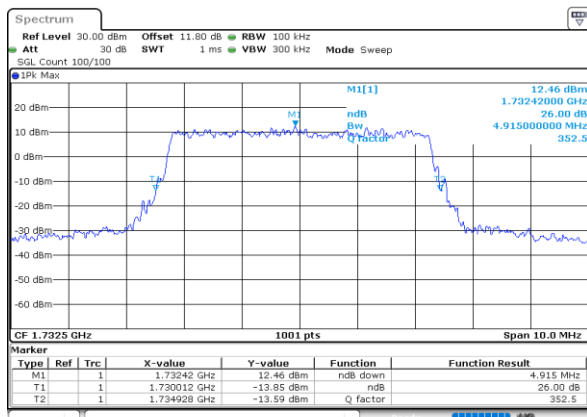
Middle Channel / 1.4MHz / 256QAM



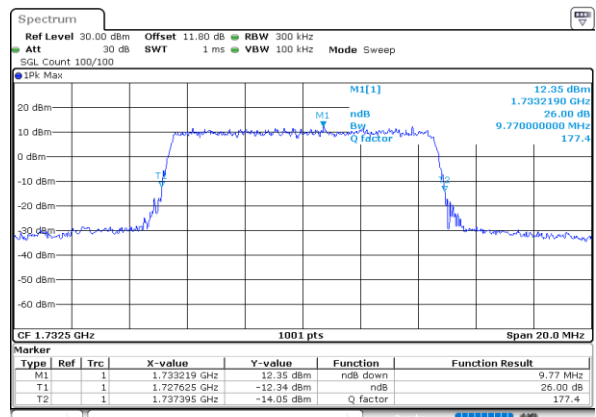
Middle Channel / 3MHz / 256QAM



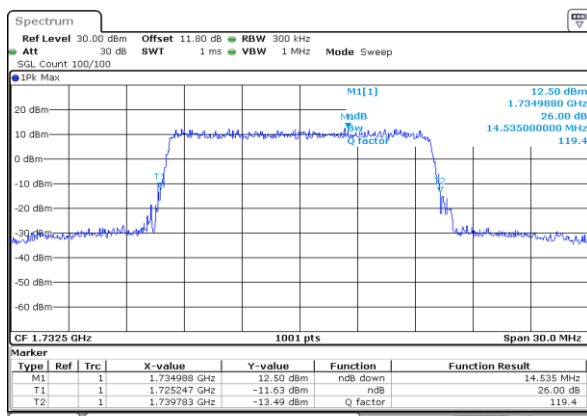
Middle Channel / 5MHz / 256QAM



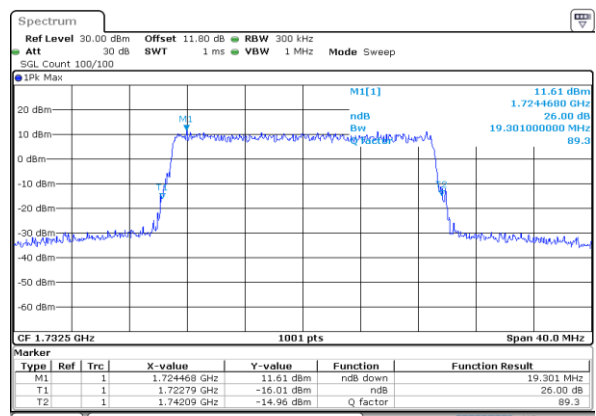
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



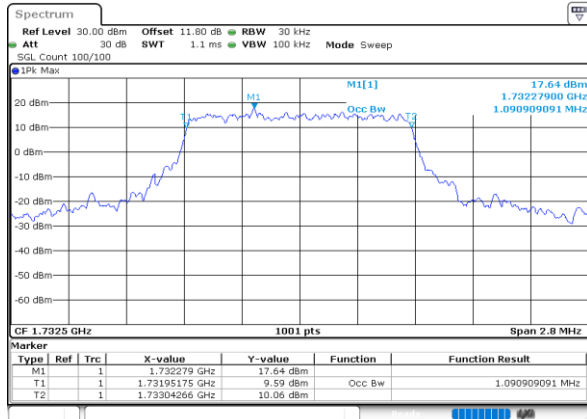
**Occupied Bandwidth**

Mode	LTE Band 4 : 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	1.09	1.09	2.72	2.73	4.49	4.49	9.09	9.09	13.45	13.45	17.90	17.90
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.09	1.09	2.72	2.73	4.48	4.52	9.11	9.09	13.45	13.48	17.90	17.86

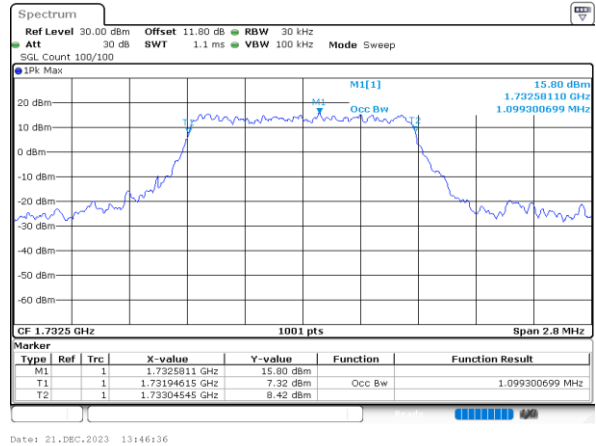


LTE Band 4

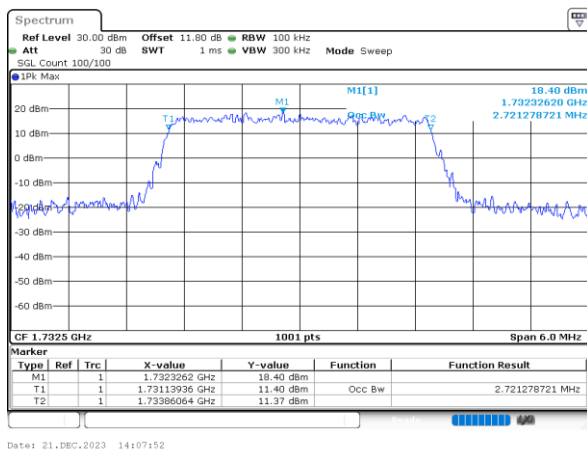
Middle Channel / 1.4MHz / QPSK



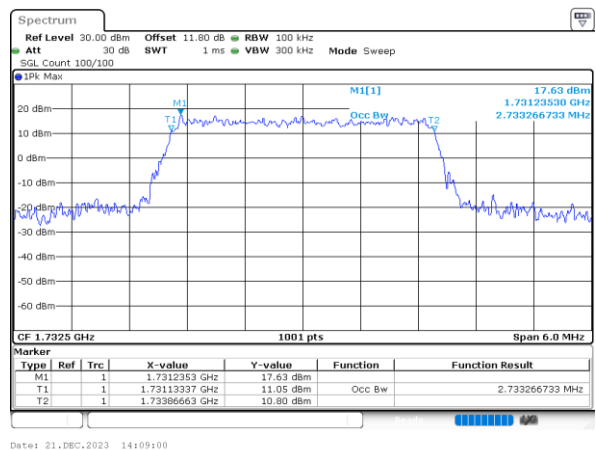
Middle Channel / 1.4MHz / 16QAM



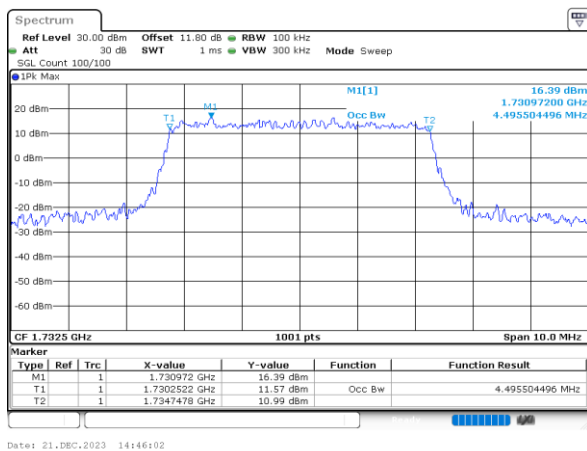
Middle Channel / 3MHz / QPSK



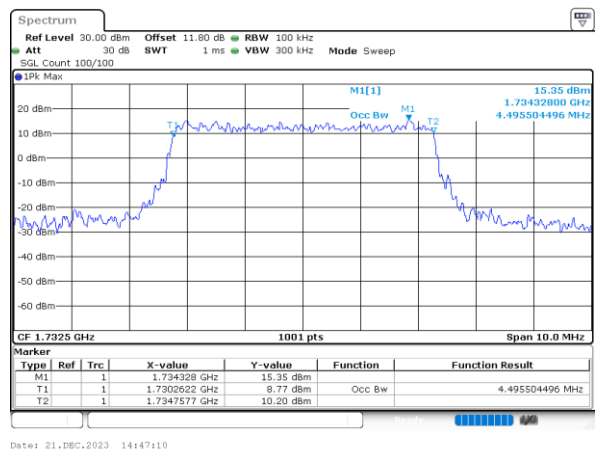
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



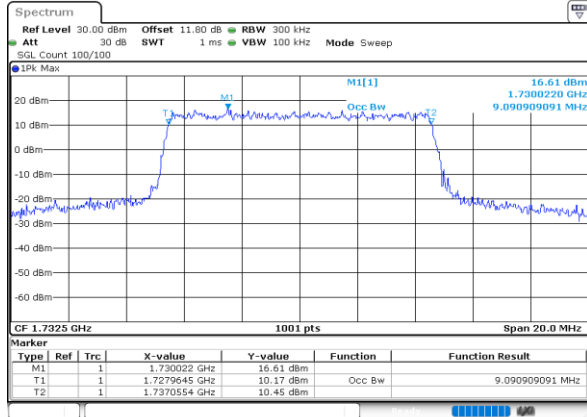
Middle Channel / 5MHz / 16QAM



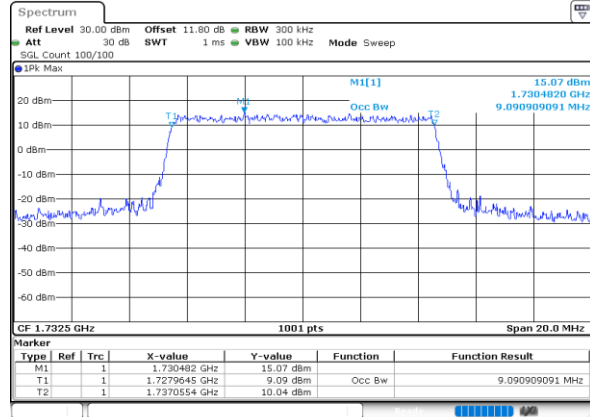


LTE Band 4

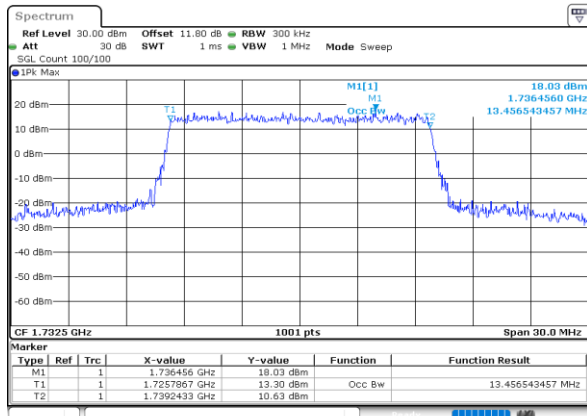
Middle Channel / 10MHz / QPSK



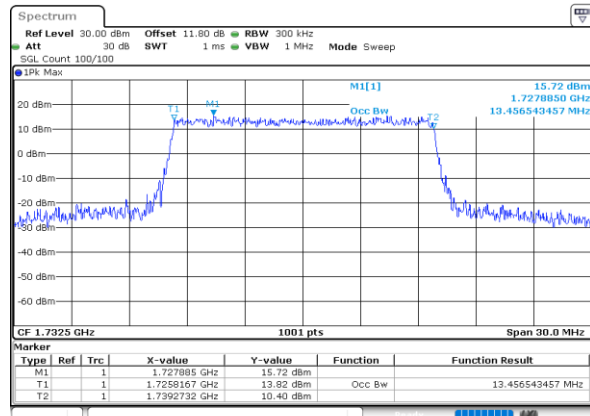
Middle Channel / 10MHz / 16QAM



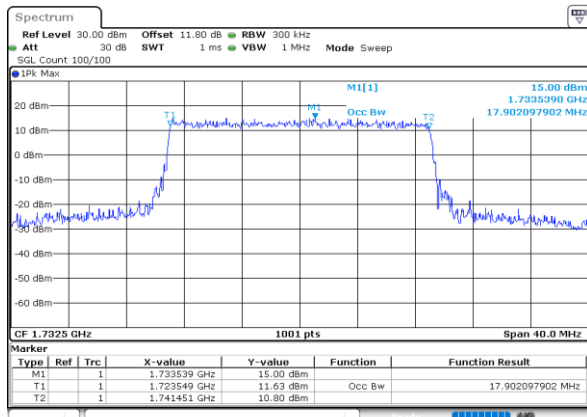
Middle Channel / 15MHz / QPSK



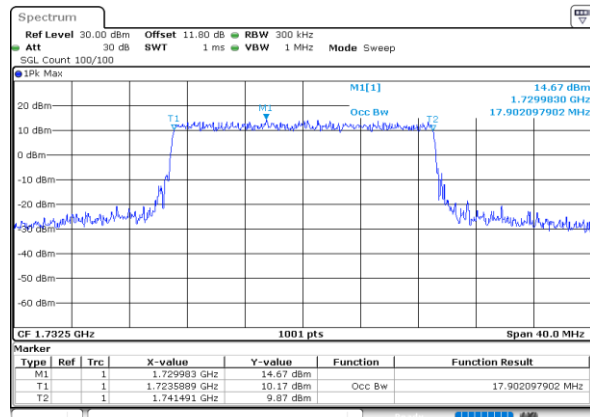
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



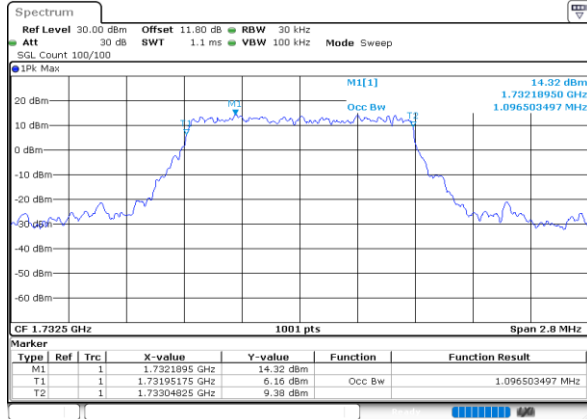
Middle Channel / 20MHz / 16QAM



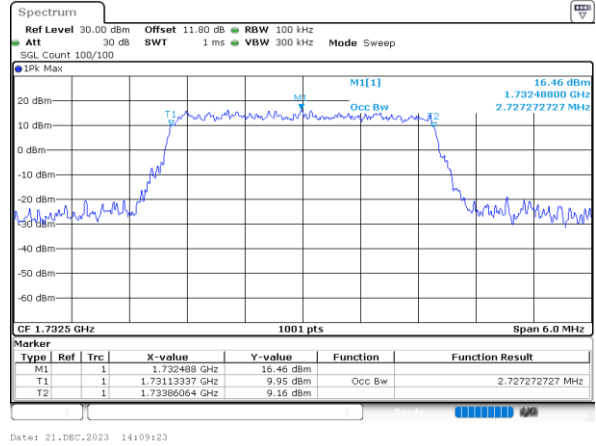


LTE Band 4

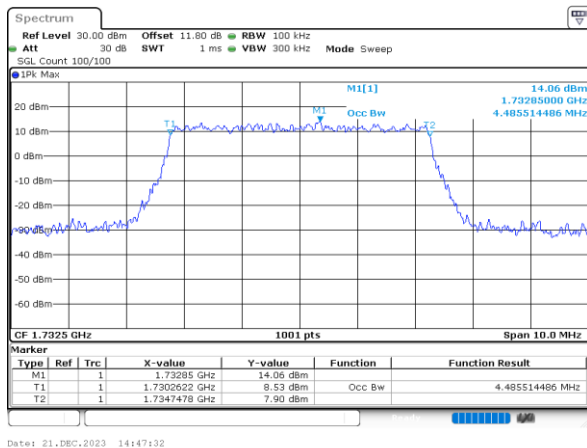
Middle Channel / 1.4MHz / 64QAM



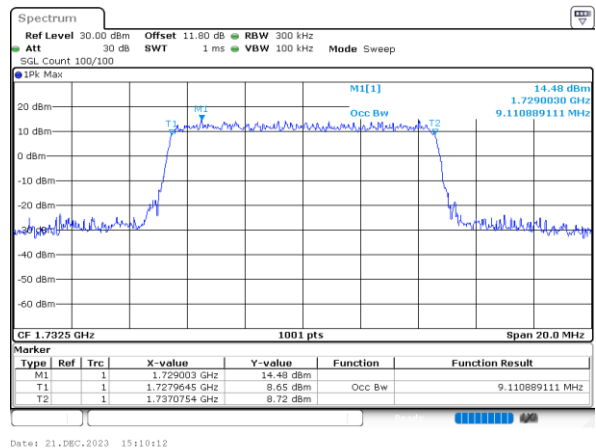
Middle Channel / 3MHz / 64QAM



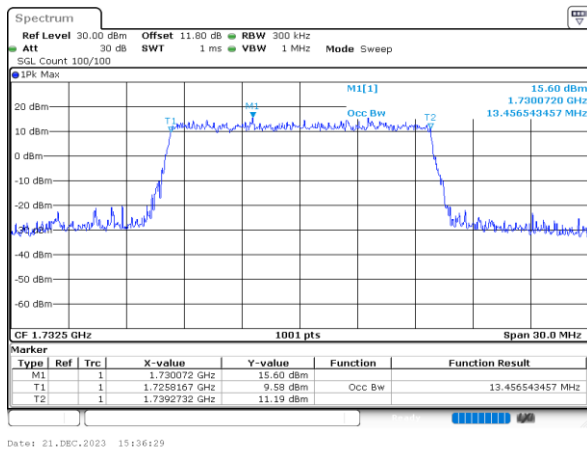
Middle Channel / 5MHz / 64QAM



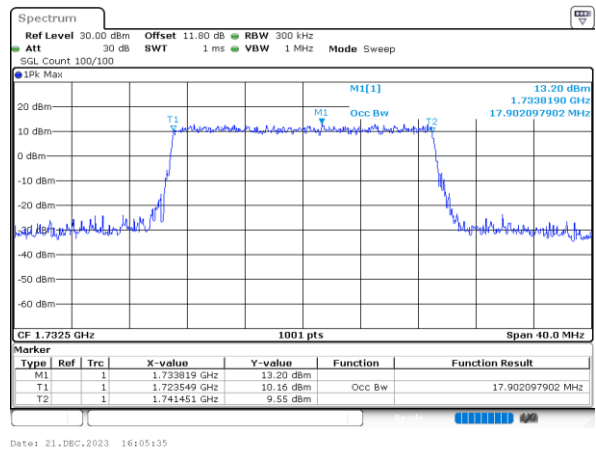
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



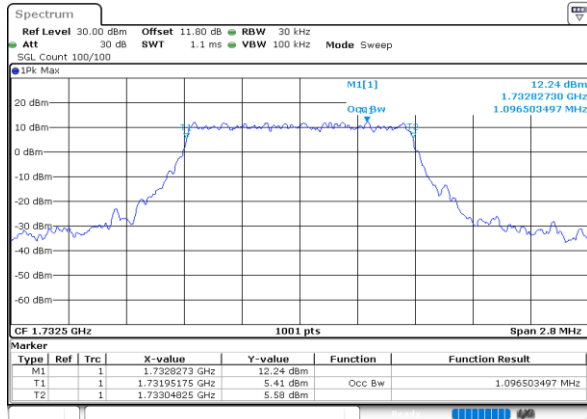
Middle Channel / 20MHz / 64QAM



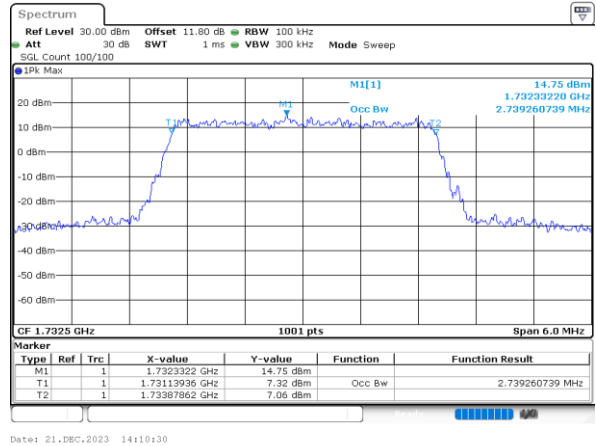


LTE Band 4

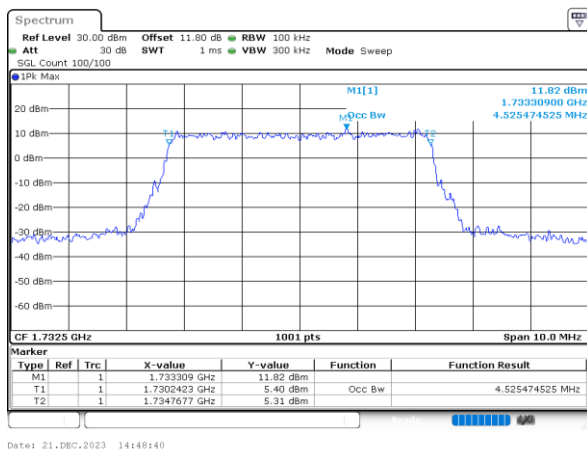
Middle Channel / 1.4MHz / 256QAM



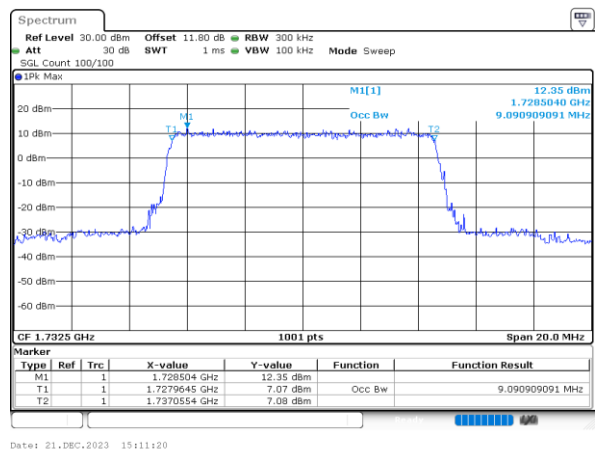
Middle Channel / 3MHz / 256QAM



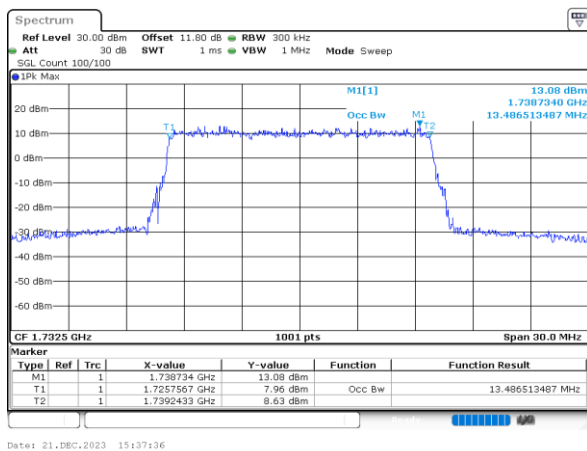
Middle Channel / 5MHz / 256QAM



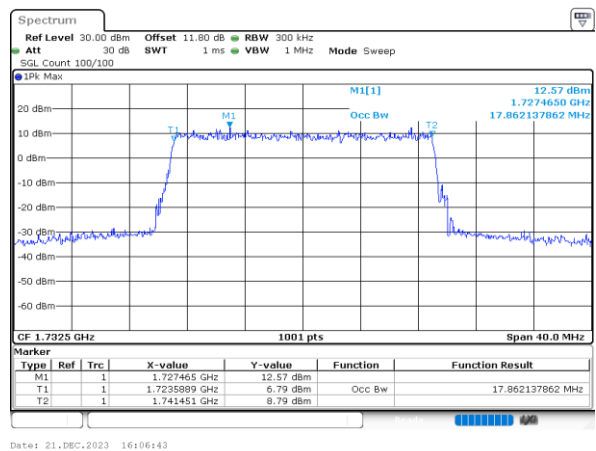
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

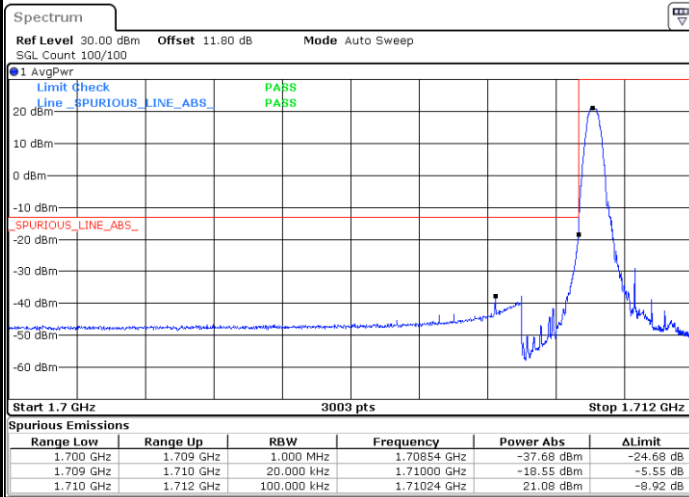




Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

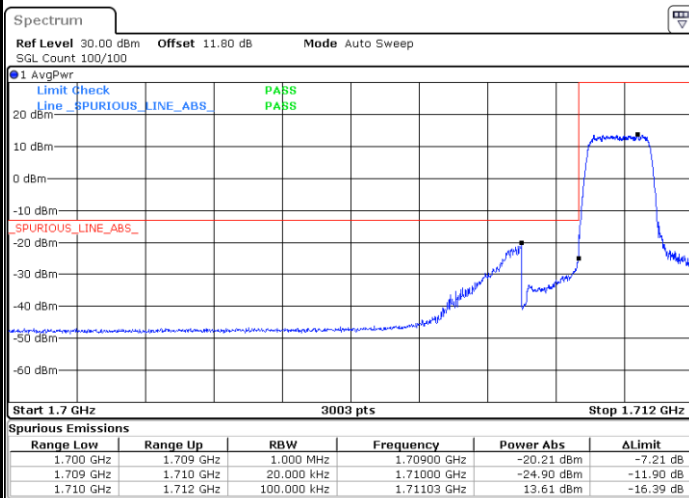
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

