

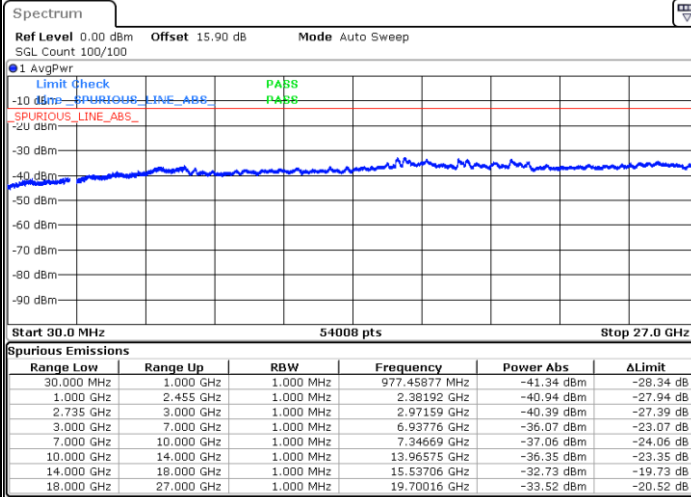


4G-LTE CA Band 41C (PC2) / 10MHz+15MHz

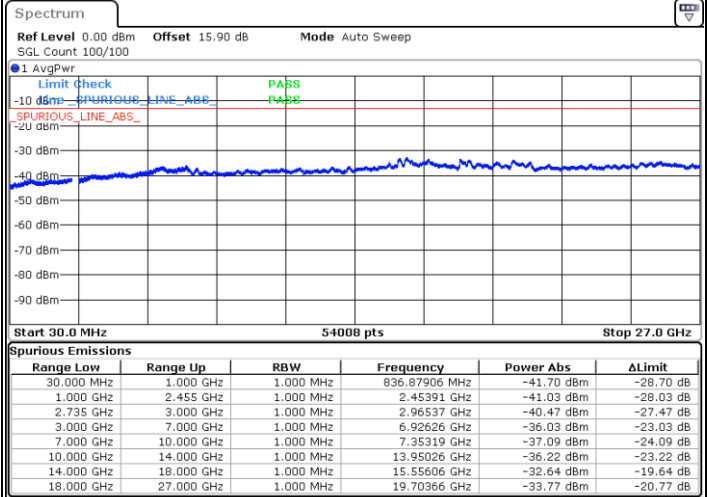
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB49 and 1RB0



Date: 11.AUG.2023 17:09:46



Date: 11.AUG.2023 17:15:34

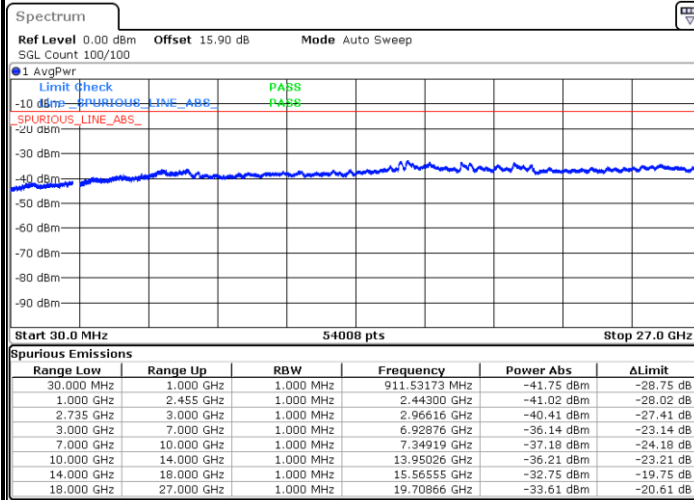


4G-LTE CA Band 41C (PC2) / 10MHz+20MHz

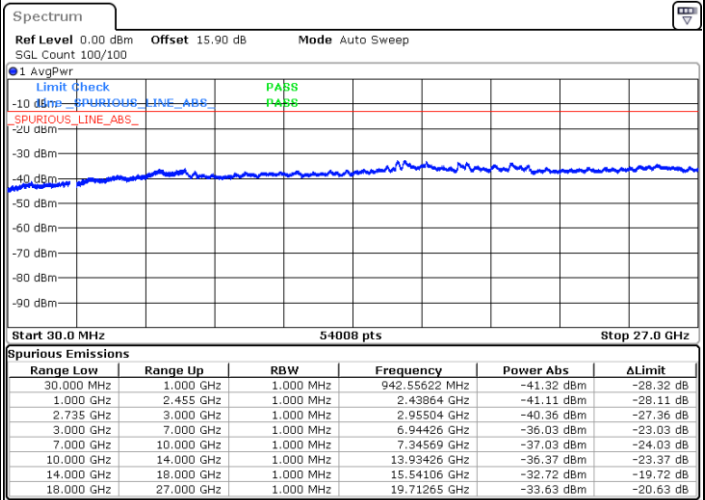
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



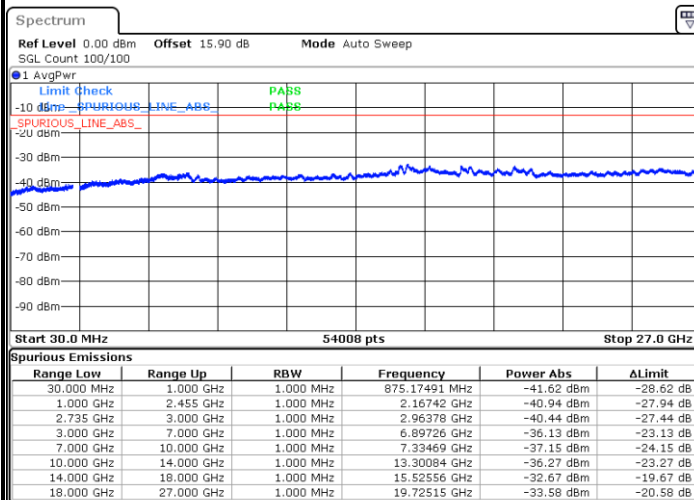
Date: 11.AUG.2023 17:52:37



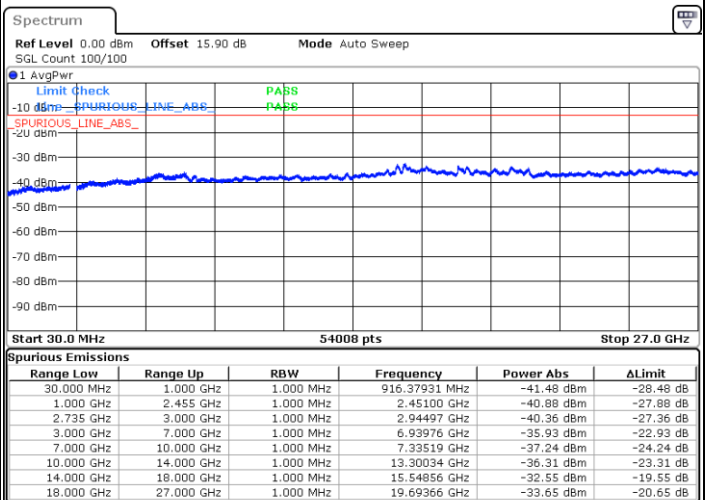
Date: 11.AUG.2023 17:58:27

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Date: 11.AUG.2023 18:03:34



Date: 11.AUG.2023 18:02:28

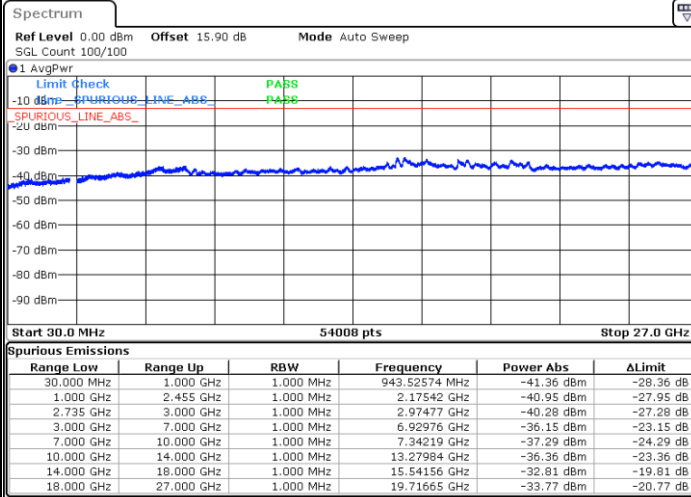


4G-LTE CA Band 41C (PC2) / 10MHz+20MHz

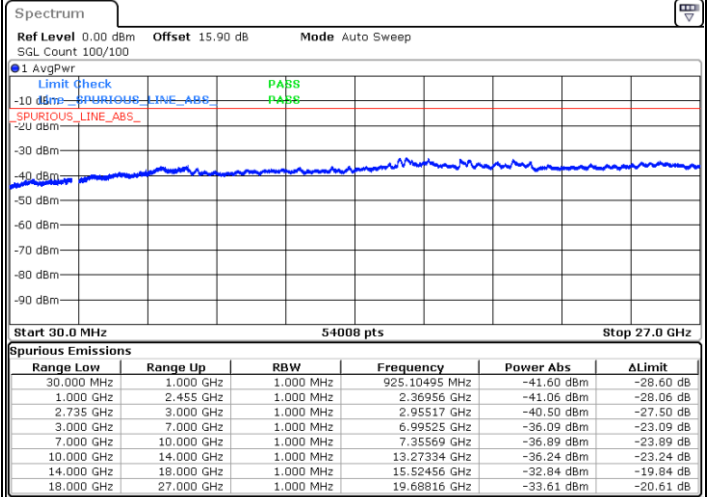
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Date: 11.AUG.2023 17:39:00



Date: 11.AUG.2023 17:44:49

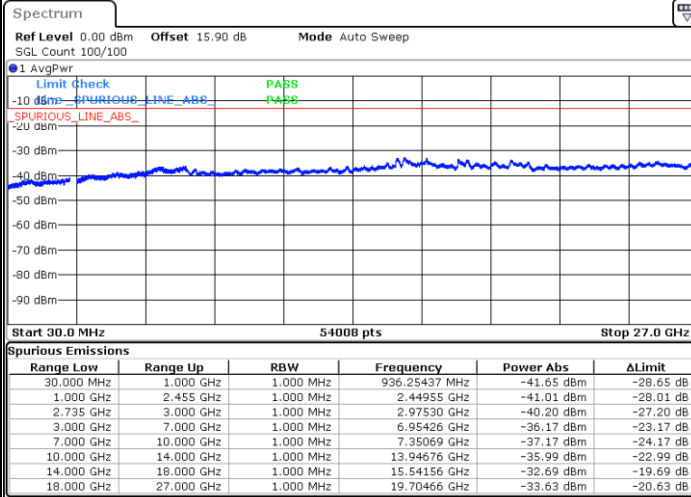


4G-LTE CA Band 41C (PC2) / 15MHz+10MHz

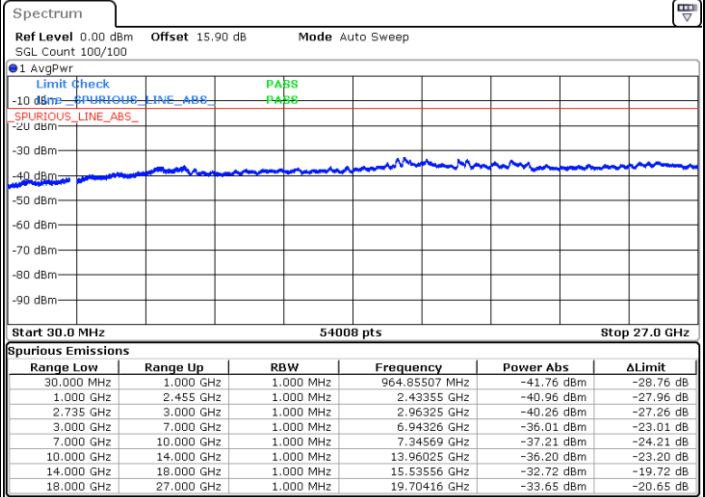
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB74 and 1RB0



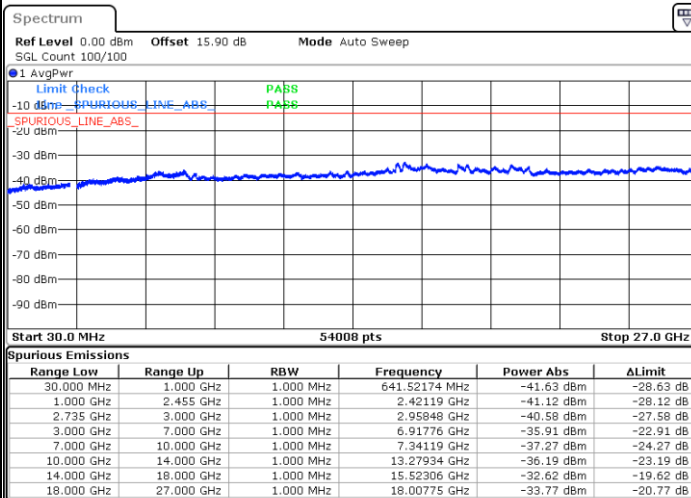
Date: 11.AUG.2023 18:08:32



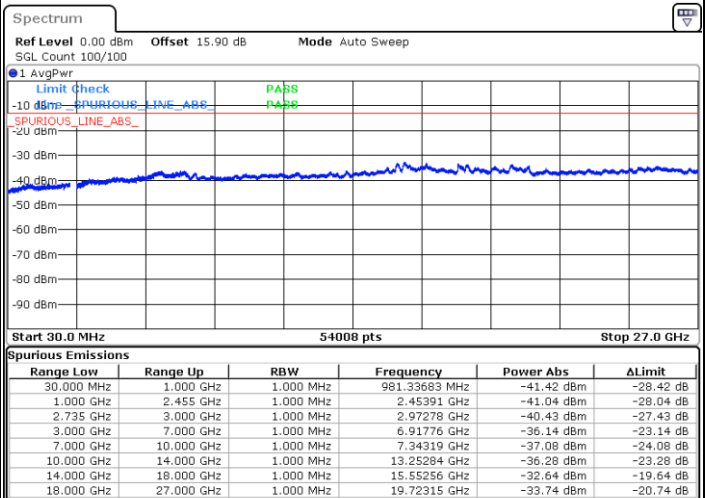
Date: 11.AUG.2023 18:14:23

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB74 and 1RB0



Date: 11.AUG.2023 18:33:07



Date: 11.AUG.2023 18:32:01

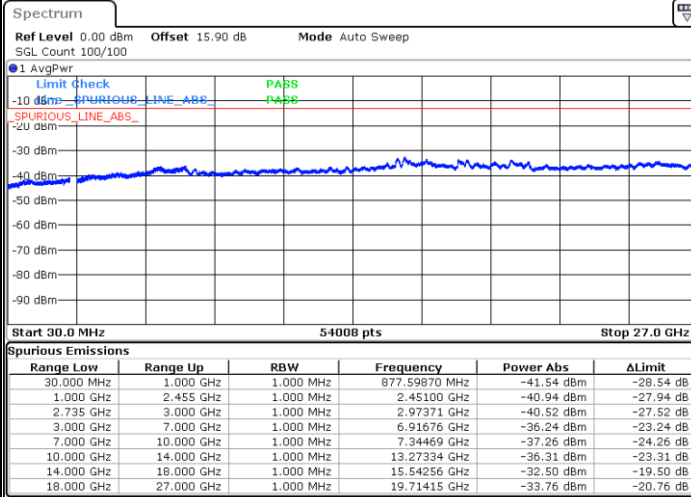


4G-LTE CA Band 41C (PC2) / 15MHz+10MHz

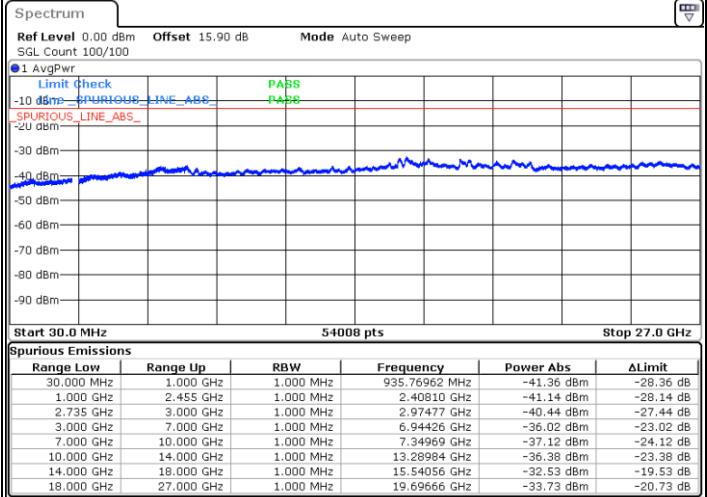
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB74 and 1RB0



Date: 11.AUG.2023 18:22:11



Date: 11.AUG.2023 18:28:01

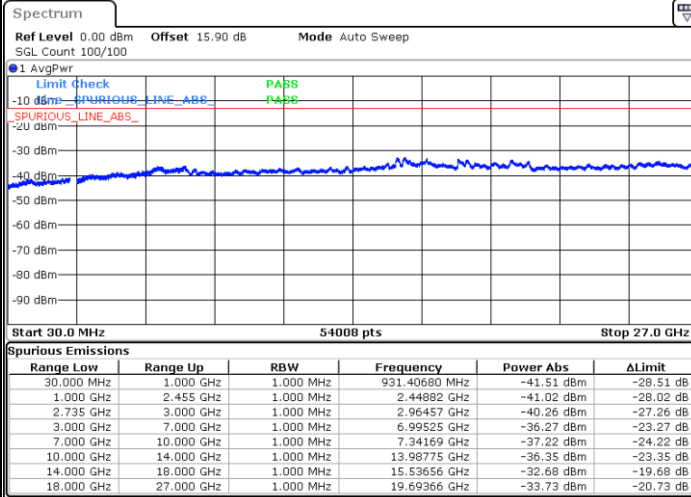


4G-LTE CA Band 41C (PC2) / 15MHz+15MHz

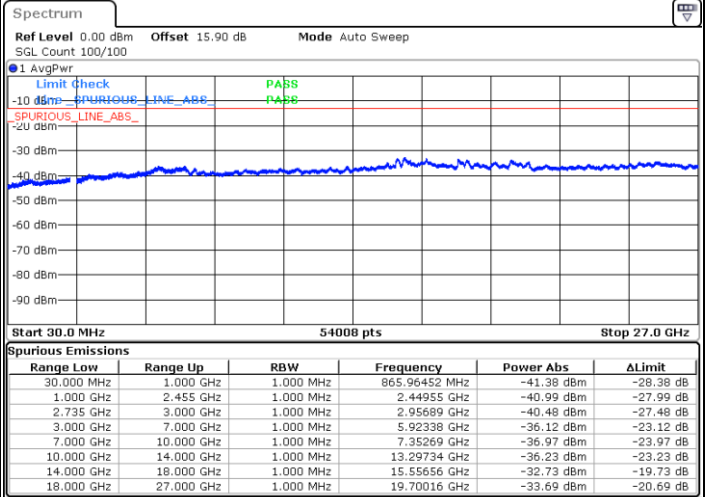
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB74 and 1RB0



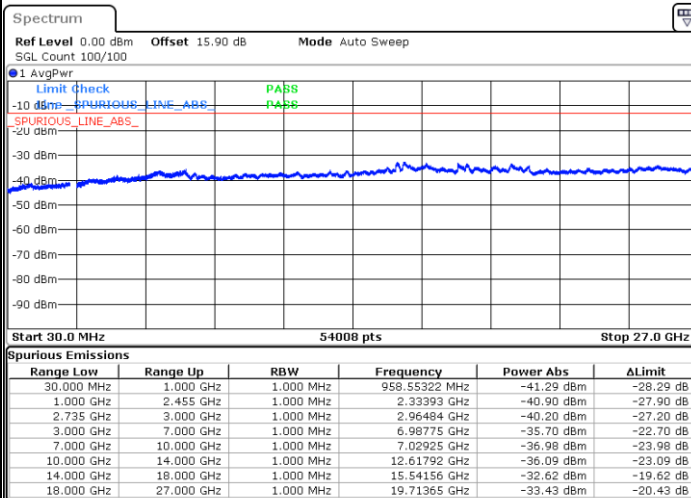
Date: 11.AUG.2023 18:38:07



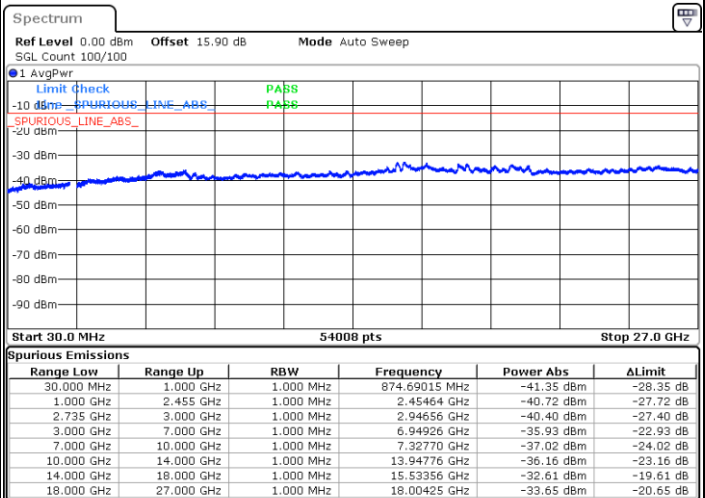
Date: 11.AUG.2023 18:43:57

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB74 and 1RB0



Date: 14.AUG.2023 10:15:31



Date: 14.AUG.2023 10:14:23

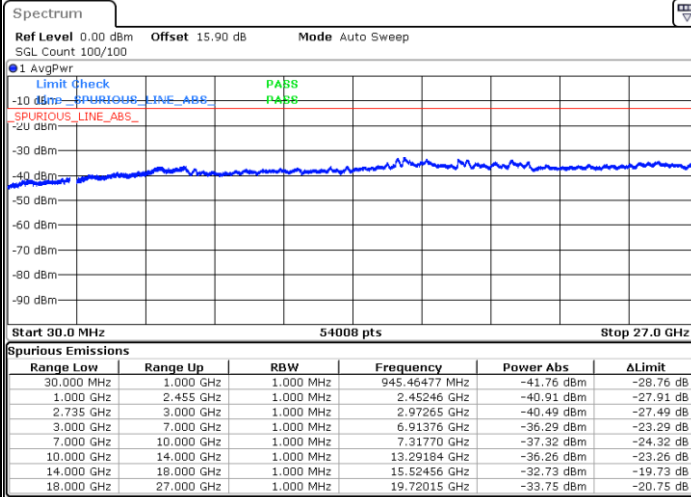


4G-LTE CA Band 41C (PC2) / 15MHz+15MHz

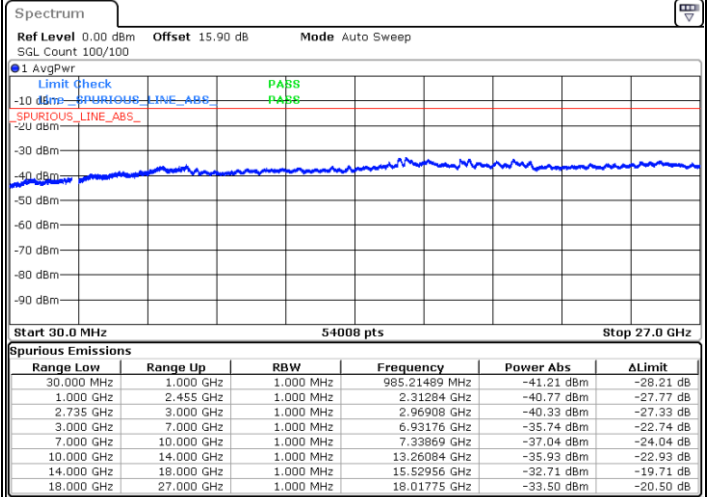
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB74 and 1RB0



Date: 11.AUG.2023 18:51:47



Date: 14.AUG.2023 10:08:39

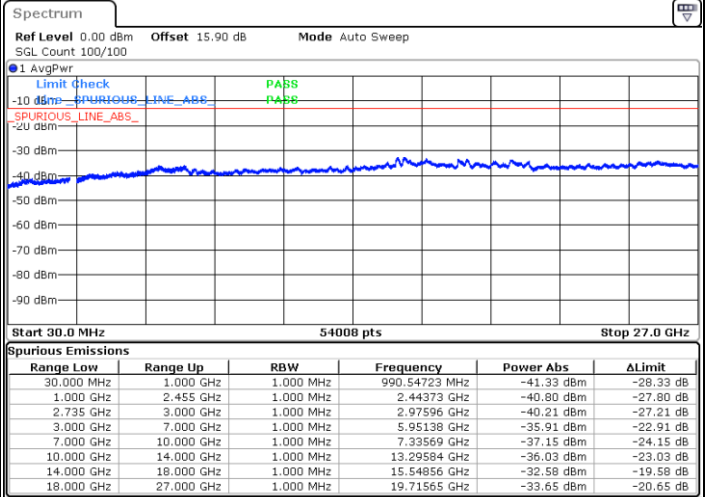
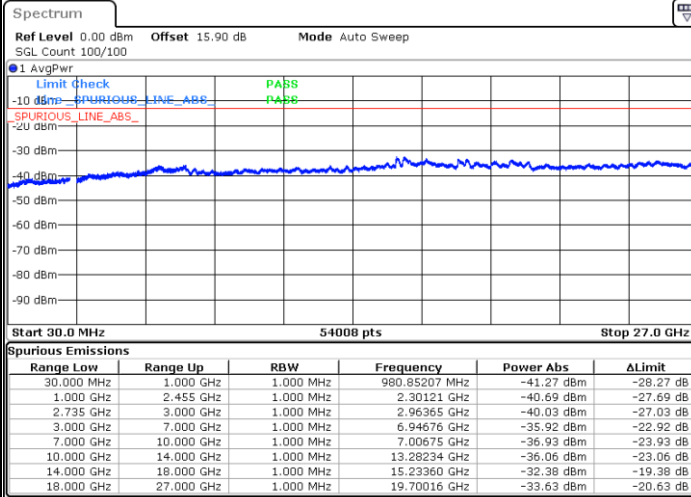


4G-LTE CA Band 41C (PC2) / 15MHz+20MHz

QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0

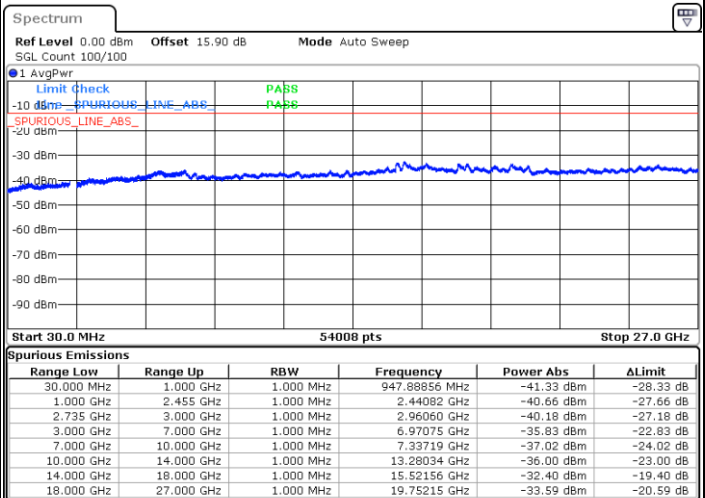
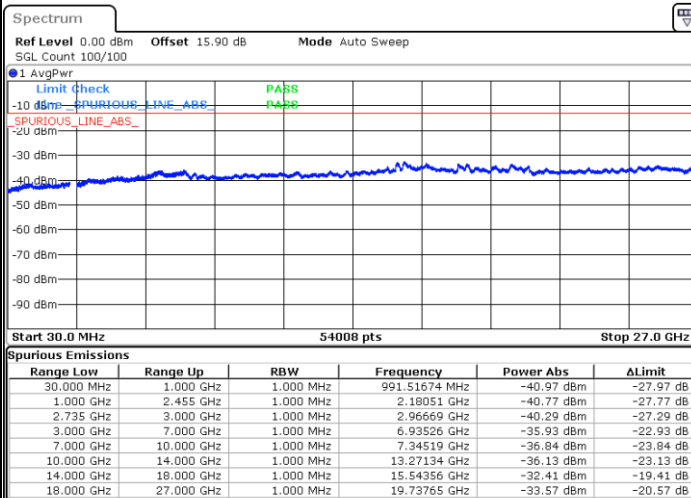


Date: 14.AUG.2023 10:20:34

Date: 14.AUG.2023 10:26:30

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Date: 14.AUG.2023 10:46:47

Date: 14.AUG.2023 10:45:39

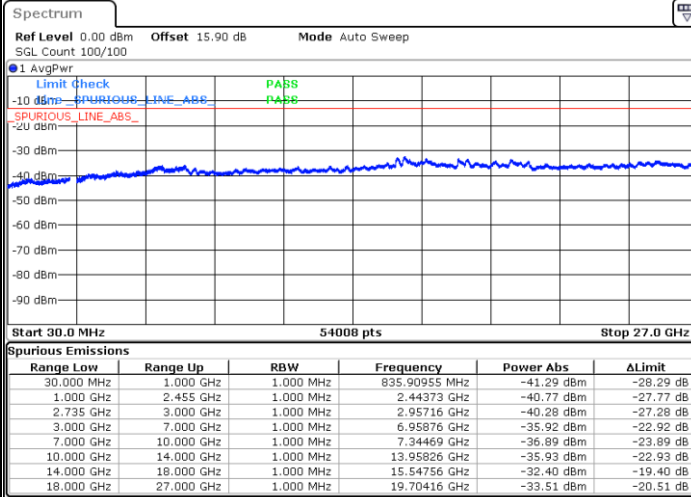


4G-LTE CA Band 41C (PC2) / 15MHz+20MHz

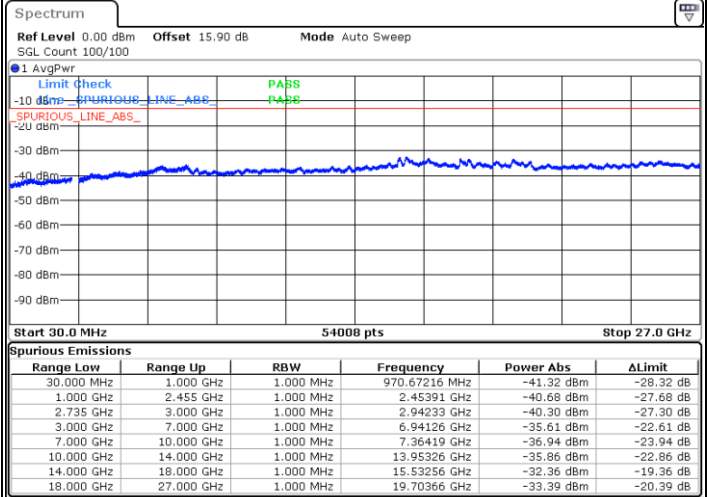
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



Date: 14.AUG.2023 10:34:52



Date: 14.AUG.2023 10:40:45

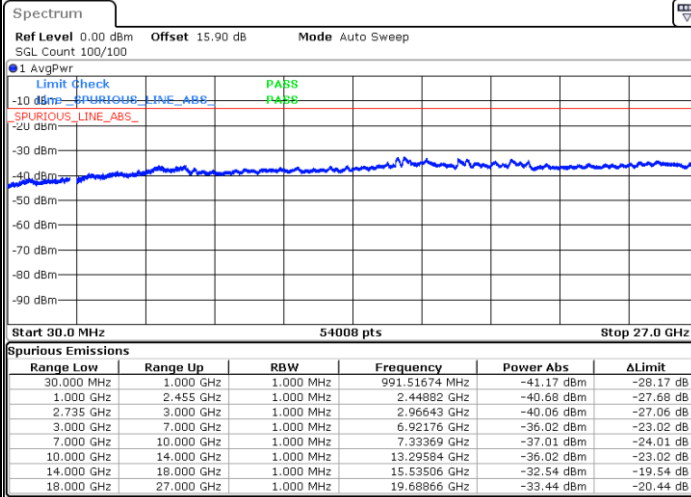


4G-LTE CA Band 41C (PC2) / 20MHz+5MHz

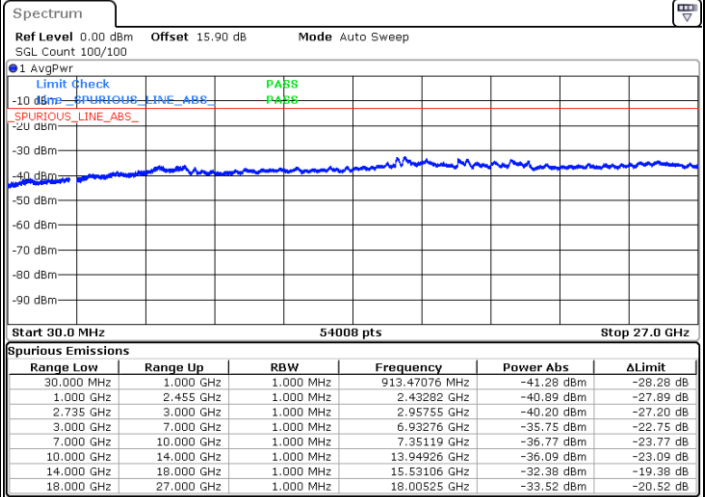
QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



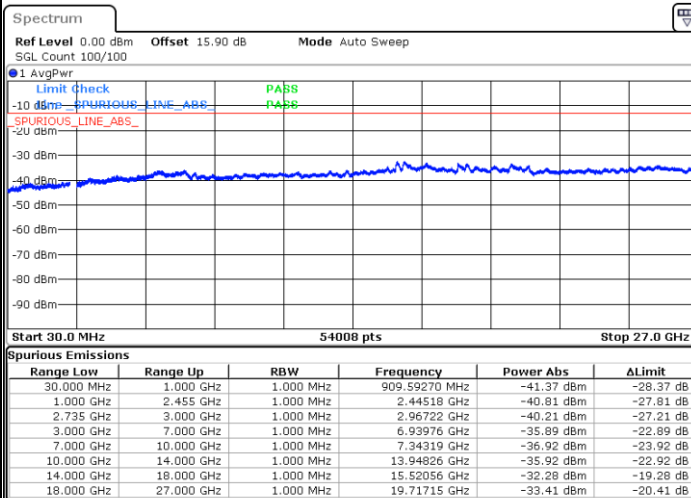
Date: 14.AUG.2023 10:51:51



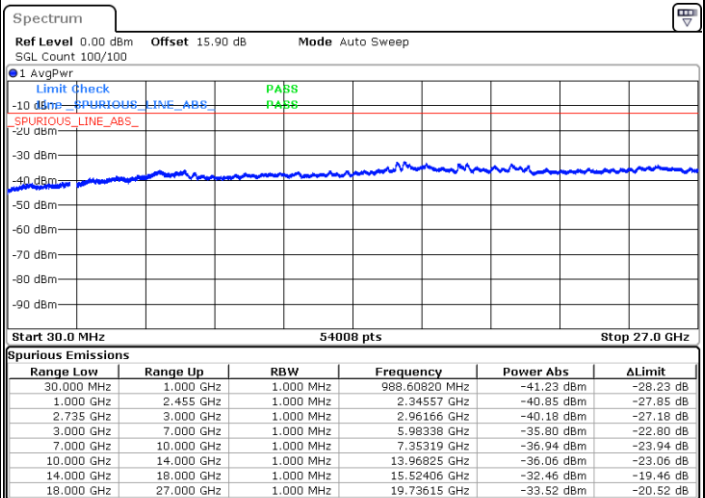
Date: 14.AUG.2023 10:57:46

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



Date: 14.AUG.2023 11:17:37



Date: 14.AUG.2023 11:16:29

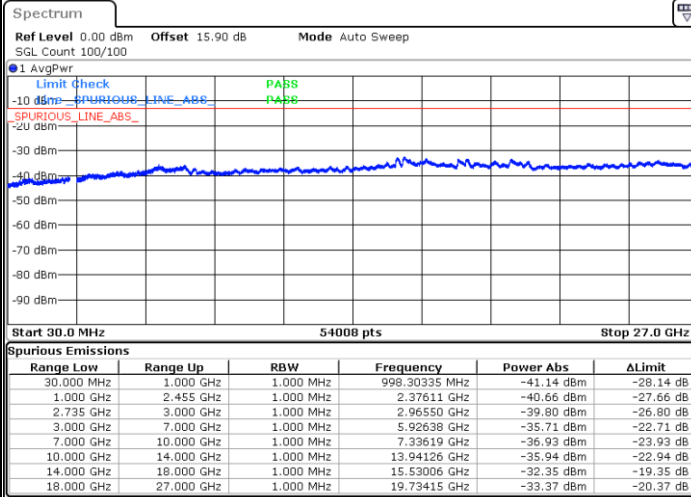


4G-LTE CA Band 41C (PC2) / 20MHz+5MHz

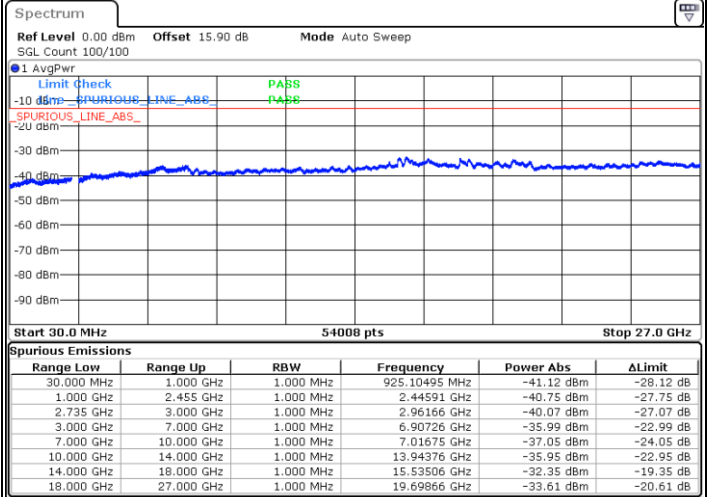
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



Date: 14.AUG.2023 11:05:42



Date: 14.AUG.2023 11:11:36

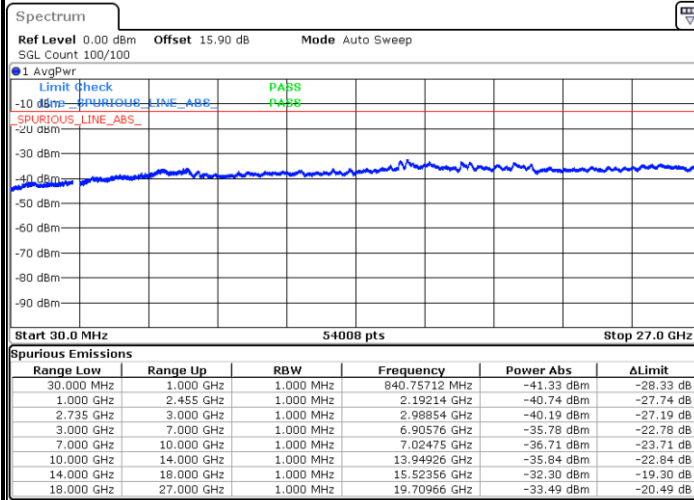


4G-LTE CA Band 41C (PC2) / 20MHz+10MHz

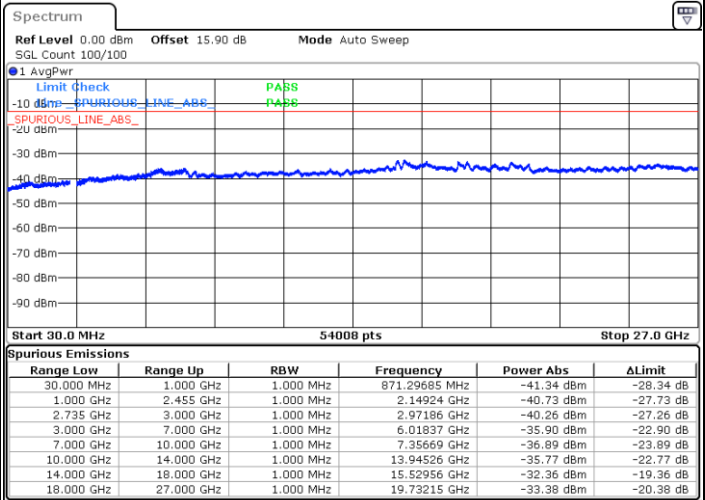
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



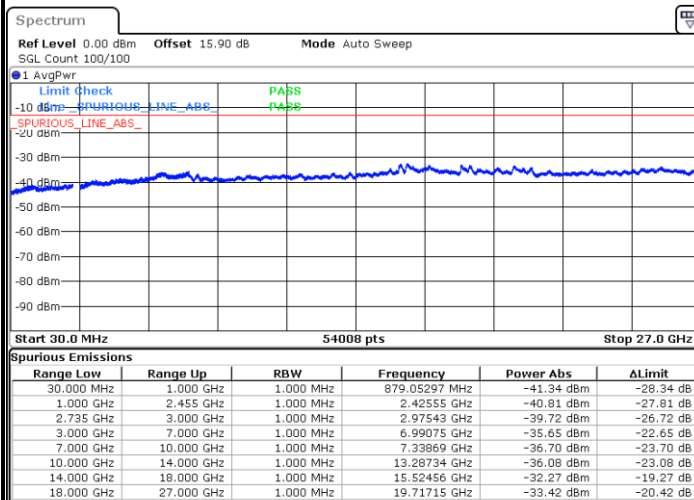
Date: 14.AUG.2023 11:22:41



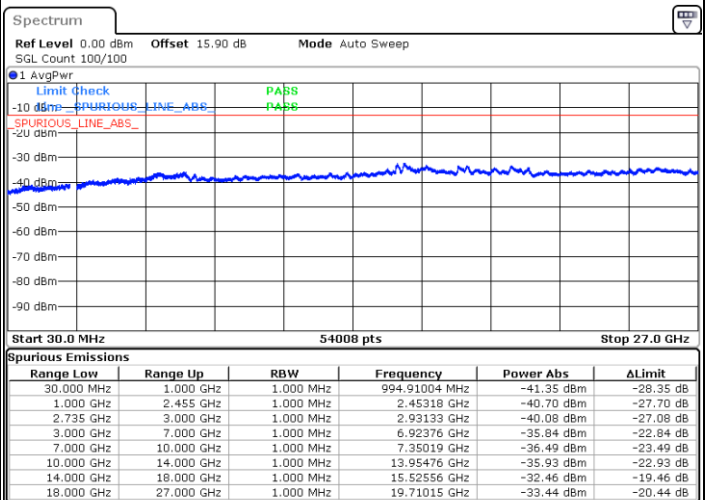
Date: 14.AUG.2023 11:28:37

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



Date: 14.AUG.2023 11:49:20



Date: 14.AUG.2023 11:48:12

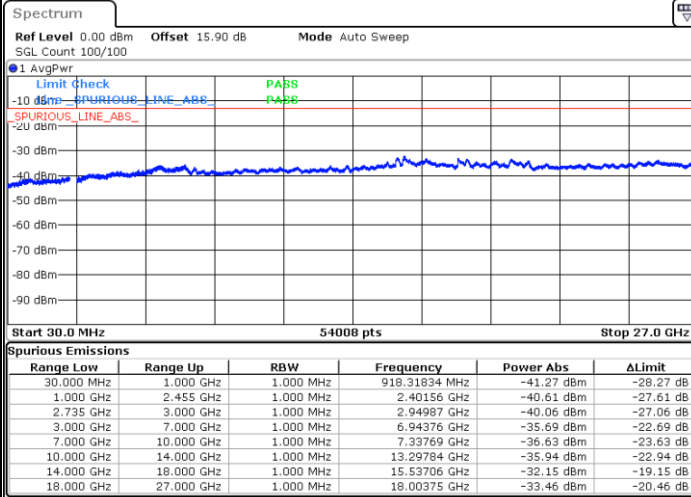


4G-LTE CA Band 41C (PC2) / 20MHz+10MHz

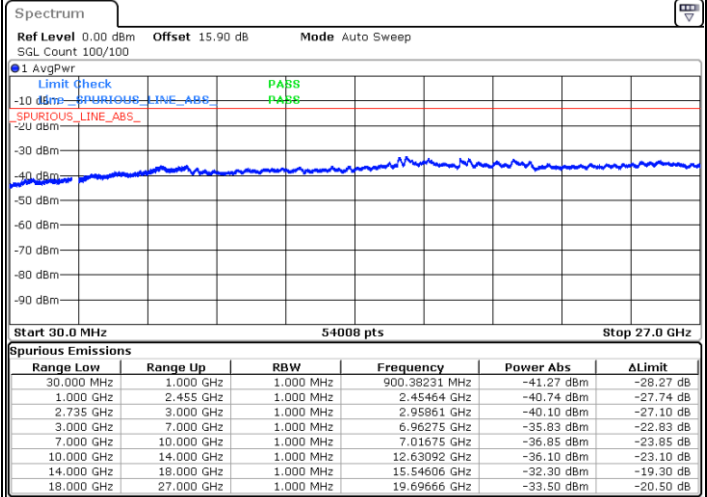
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB99 and 1RB0



Date: 14.AUG.2023 11:37:24



Date: 14.AUG.2023 11:43:18

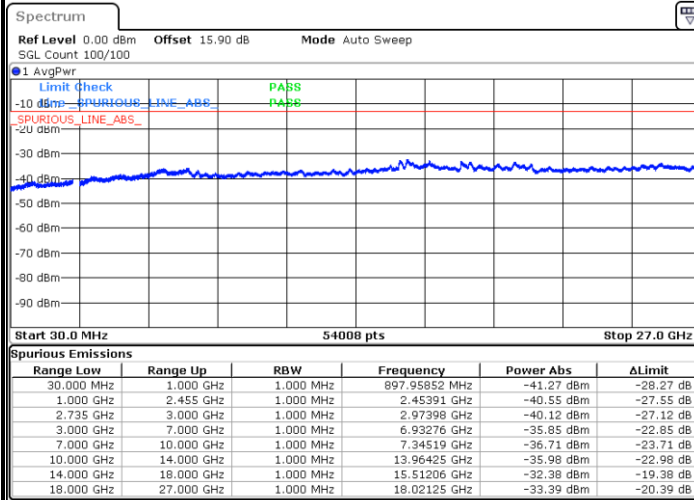


4G-LTE CA Band 41C (PC2) / 20MHz+15MHz

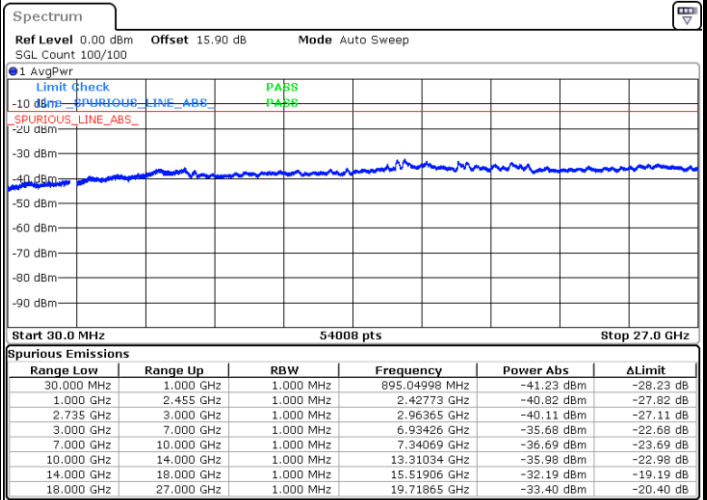
QPSK

Lowest Channel / 1RB0 and 1RB74

Lowest Channel / 1RB99 and 1RB0



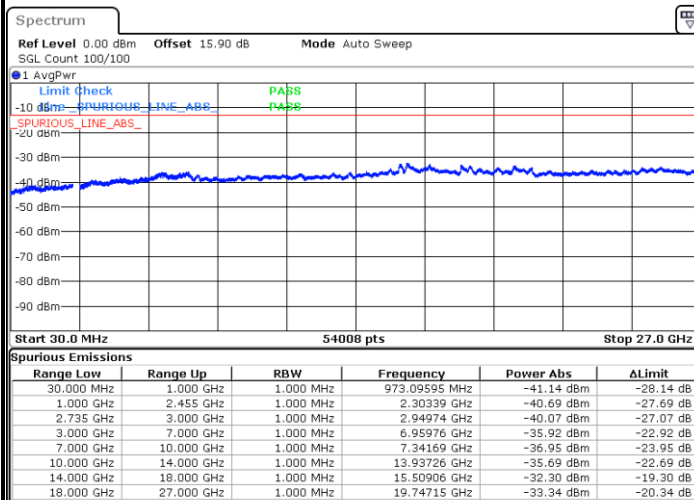
Date: 14.AUG.2023 11:54:24



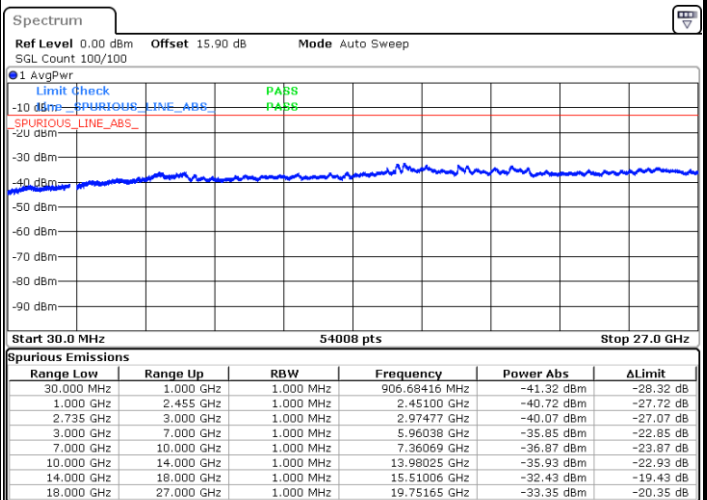
Date: 14.AUG.2023 12:00:21

Middle Channel / 1RB0 and 1RB74

Middle Channel / 1RB99 and 1RB0



Date: 14.AUG.2023 12:20:15



Date: 14.AUG.2023 12:19:08

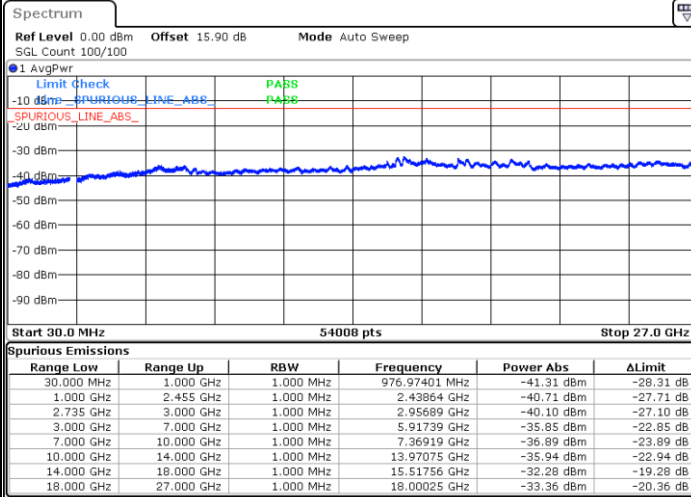


4G-LTE CA Band 41C (PC2) / 20MHz+15MHz

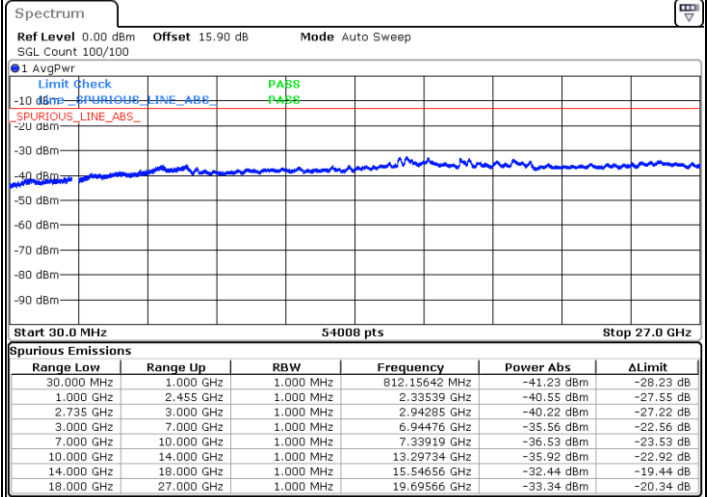
QPSK

Highest Channel / 1RB0 and 1RB74

Highest Channel / 1RB99 and 1RB0



Date: 14.AUG.2023 12:09:09



Date: 14.AUG.2023 12:15:03

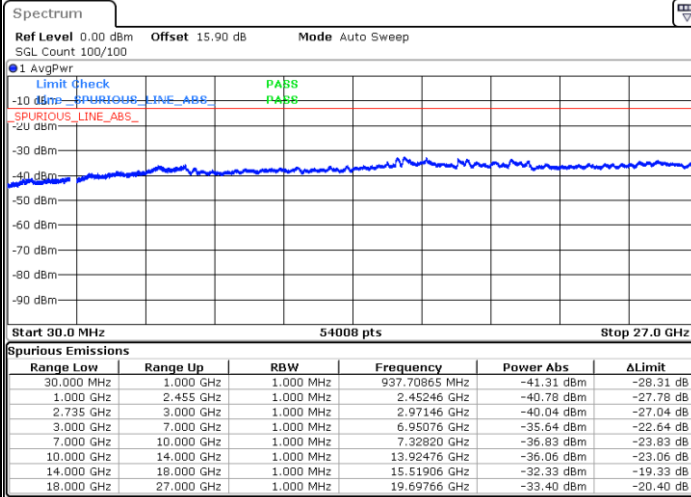


4G-LTE CA Band 41C (PC2) / 20MHz+20MHz

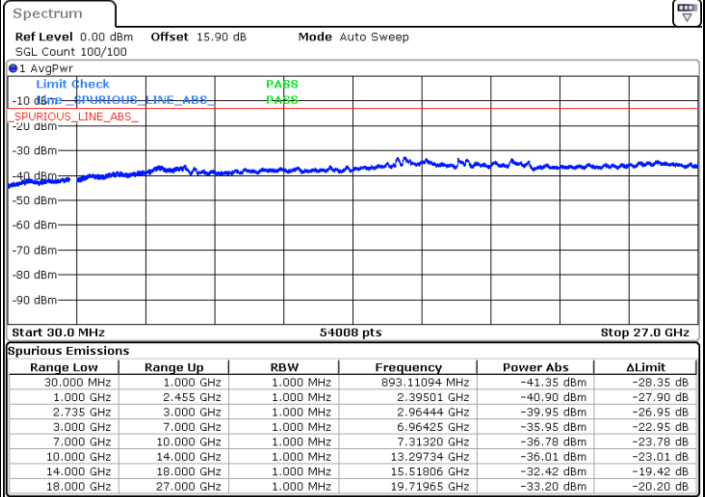
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB99 and 1RB0



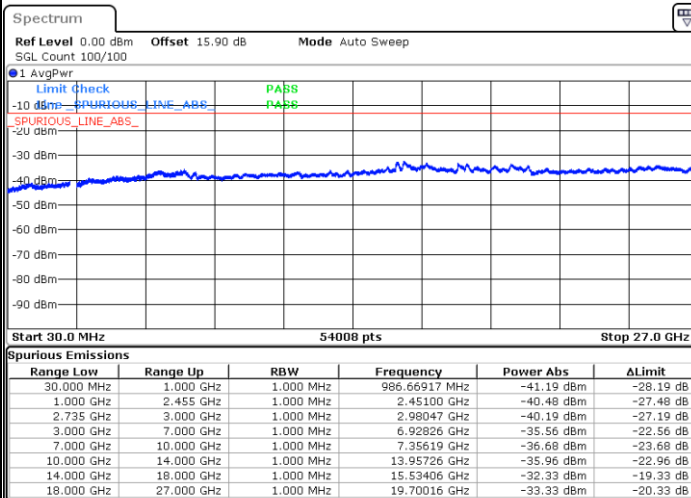
Date: 14.AUG.2023 12:25:20



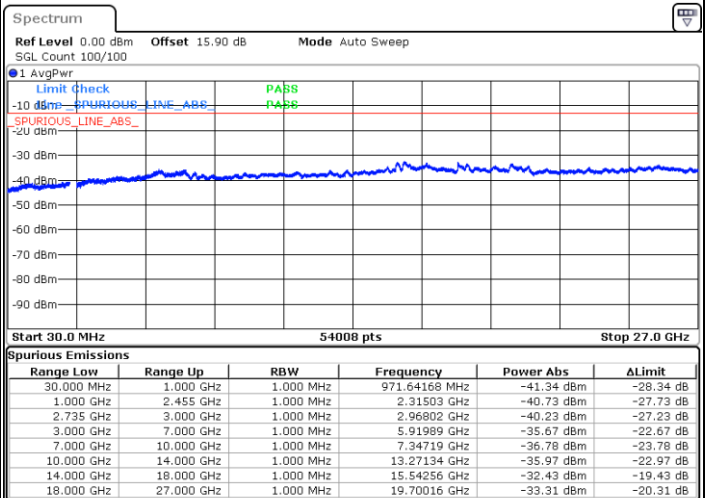
Date: 14.AUG.2023 12:31:15

MiddleChannel / 1RB0 and 1RB99

Middle Channel / 1RB99 and 1RB0



Date: 14.AUG.2023 12:51:10



Date: 14.AUG.2023 12:50:02

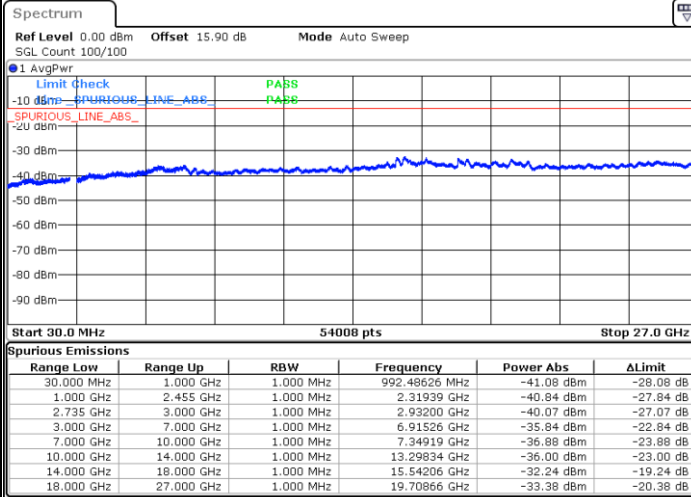


4G-LTE CA Band 41C (PC2) / 20MHz+20MHz

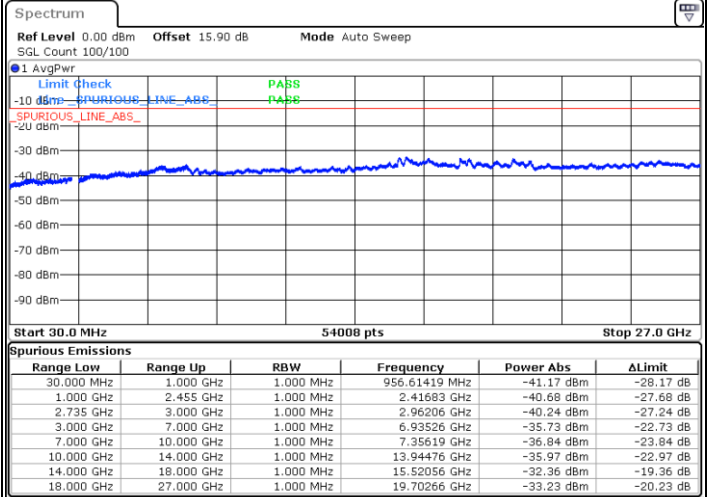
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB99 and 1RB0



Date: 14.AUG.2023 12:40:03



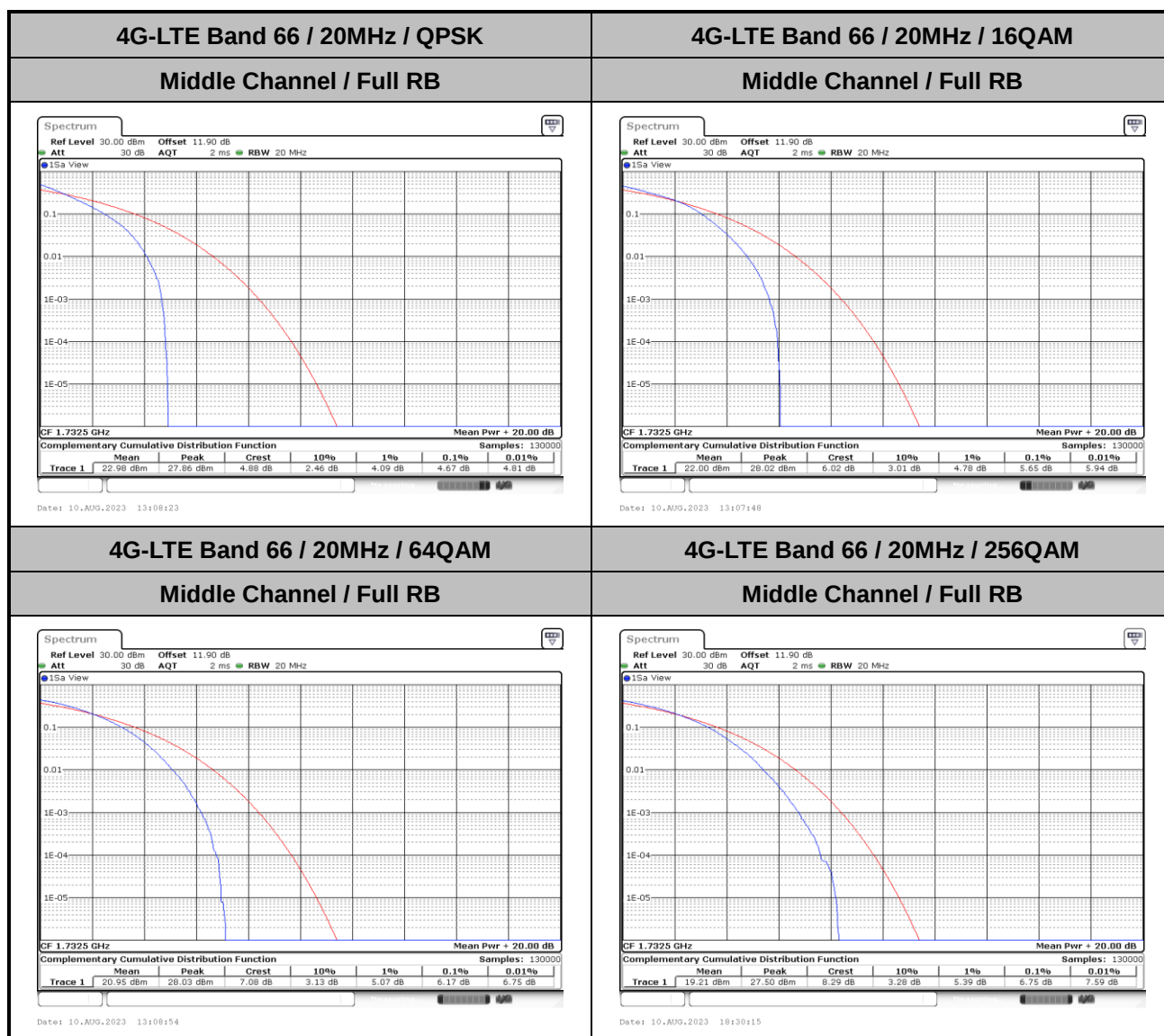
Date: 14.AUG.2023 12:45:58



4G-LTE Band 66

Peak-to-Average Ratio

Mode	4G-LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.67	5.65	6.17	6.75	PASS



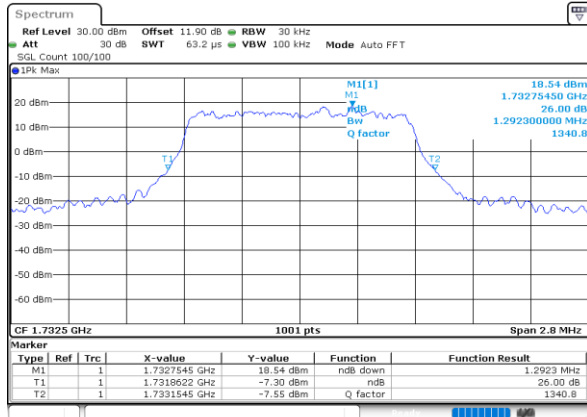
**26dB Bandwidth**

Mode	4G-LTE Band 66 : 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	1.29	1.35	3.07	3.05	5.12	5.07	10.01	10.05	14.54	14.48	19.18	18.94
Mode	4G-LTE Band 66 : 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	1.36	1.31	3.09	3.02	4.99	5.02	9.99	9.97	14.78	14.45	18.98	19.02

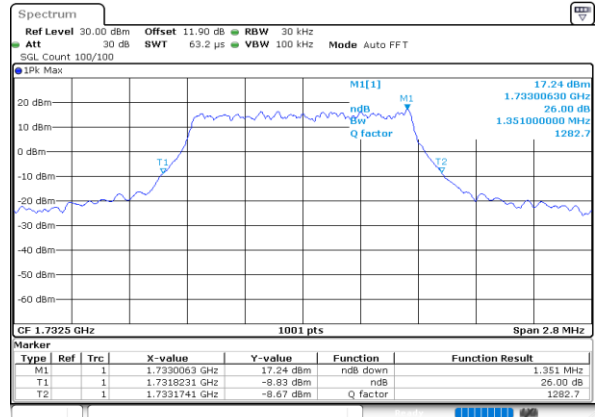


4G-LTE Band 66

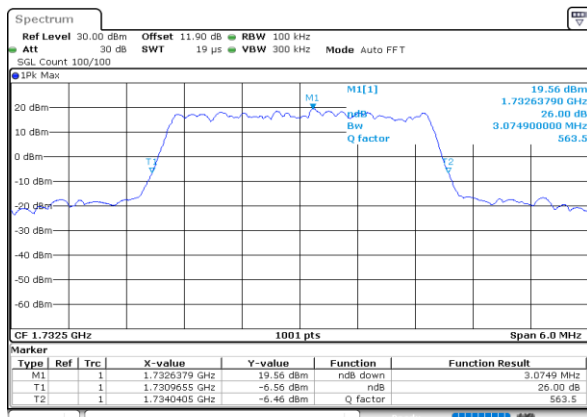
Middle Channel / 1.4MHz / QPSK



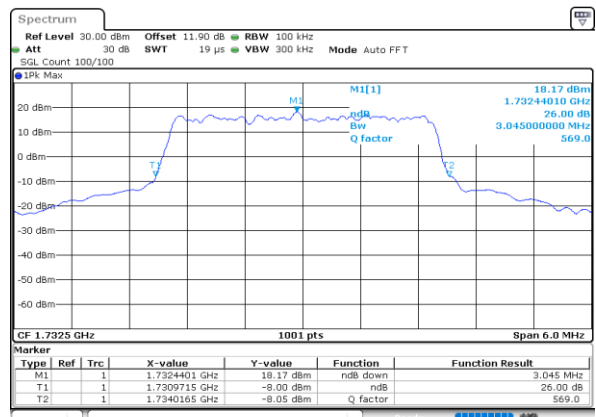
Middle Channel / 1.4MHz / 16QAM



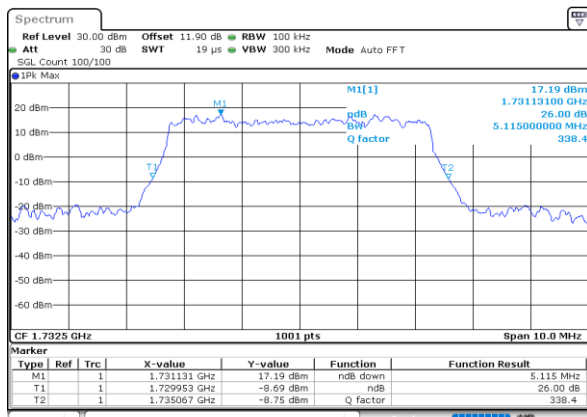
Middle Channel / 3MHz / QPSK



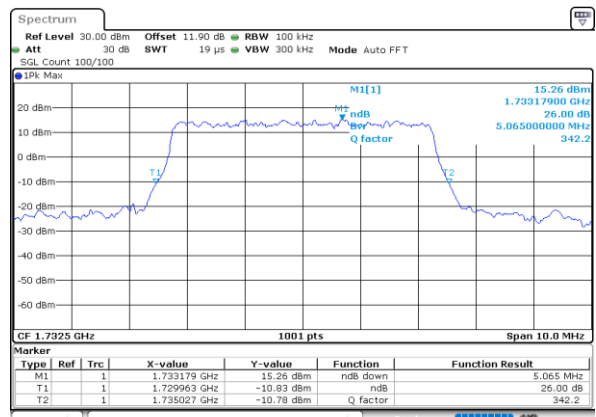
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



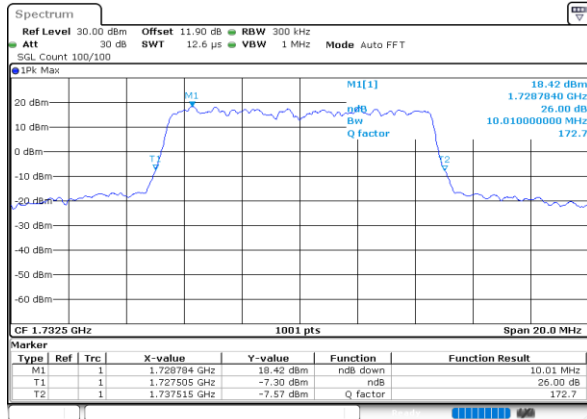
Middle Channel / 5MHz / 16QAM



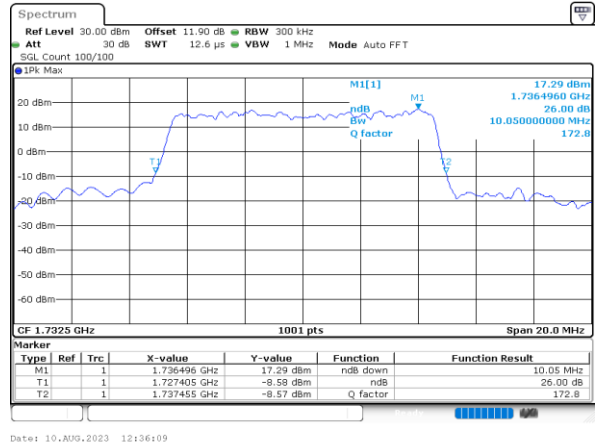


4G-LTE Band 66

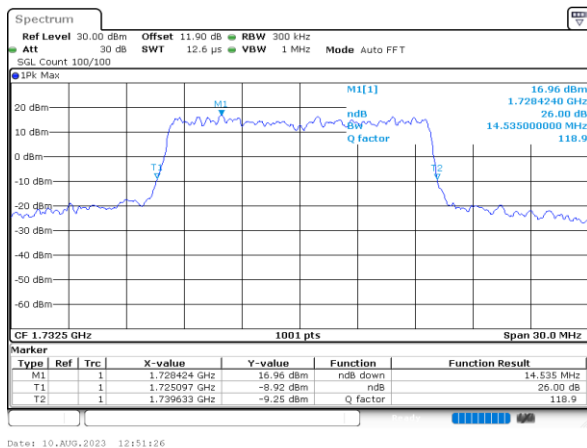
Middle Channel / 10MHz / QPSK



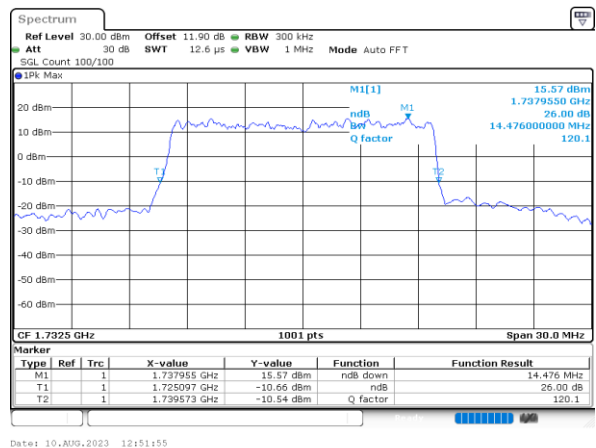
Middle Channel / 10MHz / 16QAM



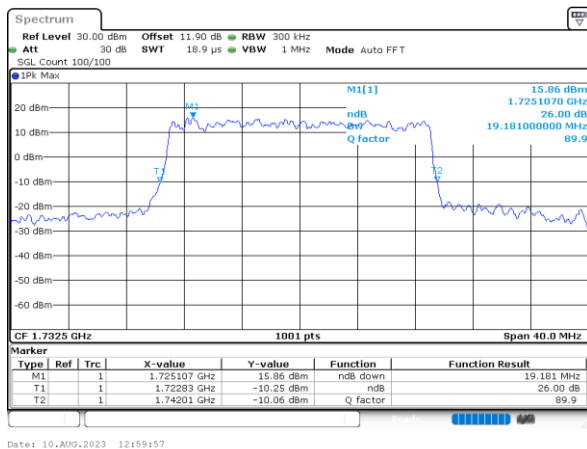
Middle Channel / 15MHz / QPSK



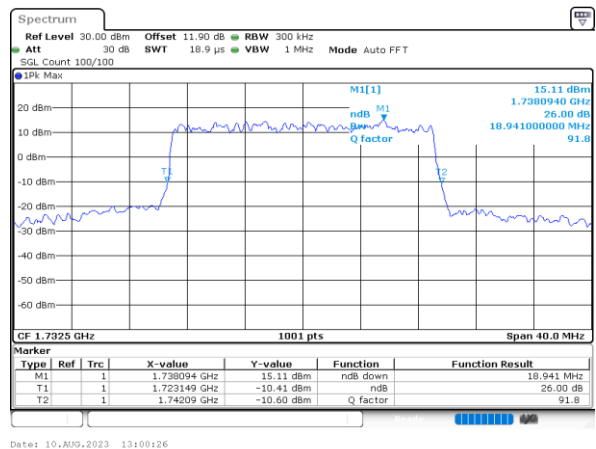
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



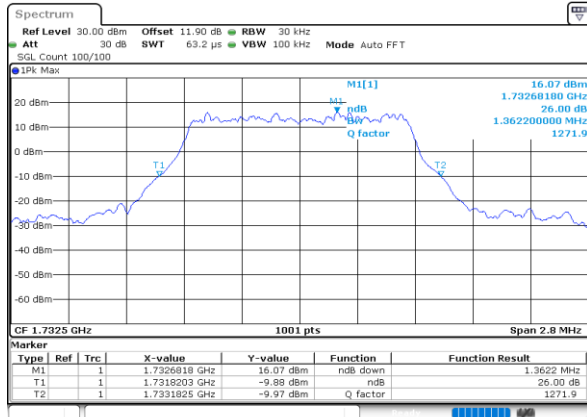
Middle Channel / 20MHz / 16QAM



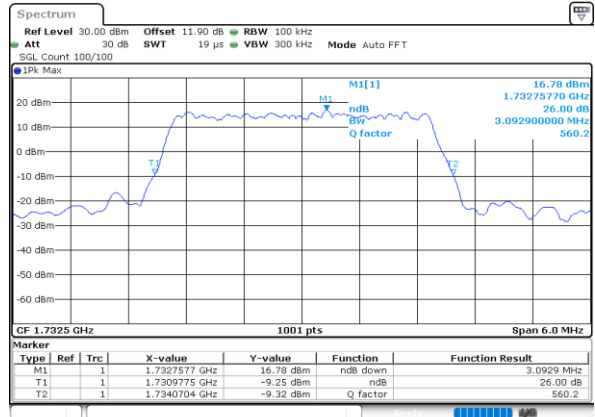


4G-LTE Band 66

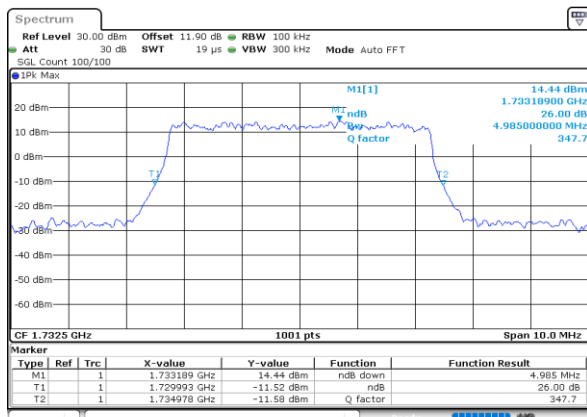
Middle Channel / 1.4MHz / 64QAM



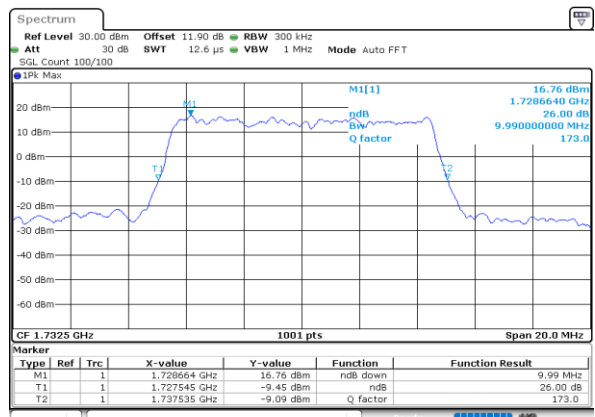
Middle Channel / 3MHz / 64QAM



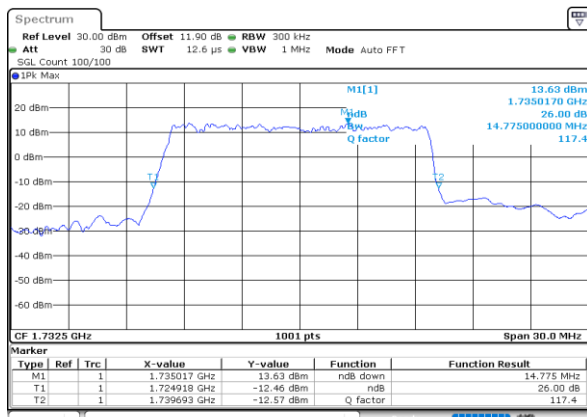
Middle Channel / 5MHz / 64QAM



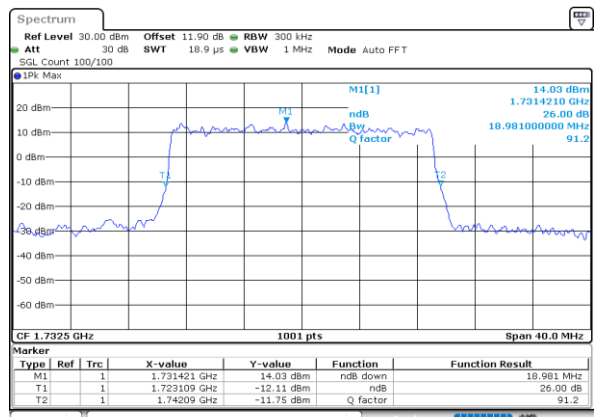
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



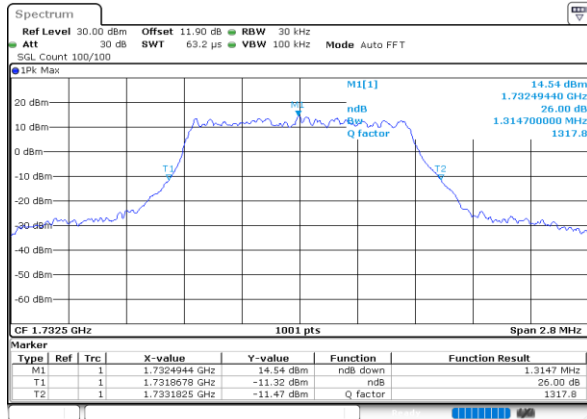
Middle Channel / 20MHz / 64QAM



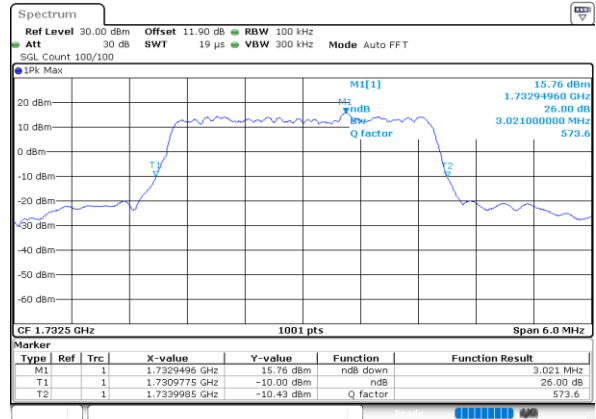


4G-LTE Band 66

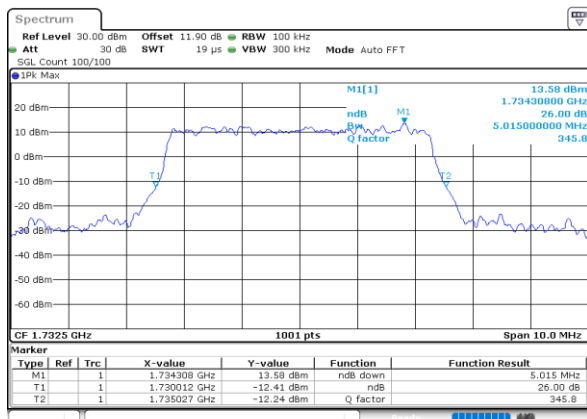
Middle Channel / 1.4MHz / 256QAM



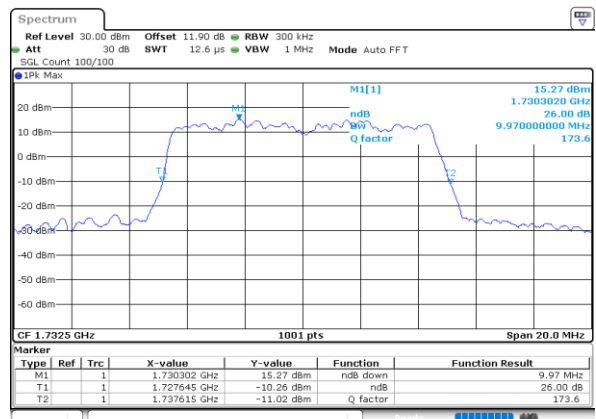
Middle Channel / 3MHz / 256QAM



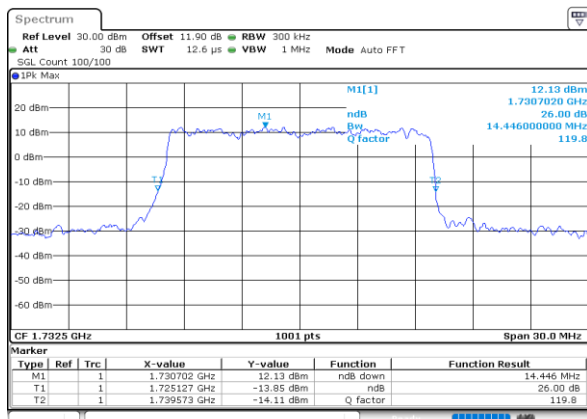
Middle Channel / 5MHz / 256QAM



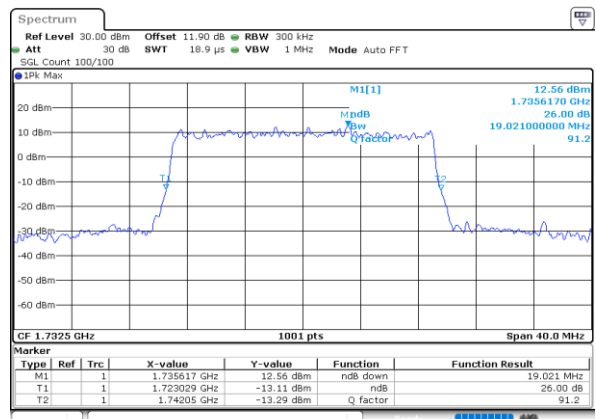
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



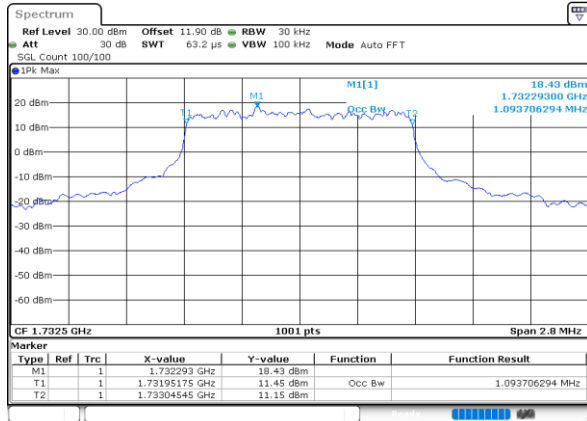
**Occupied Bandwidth**

Mode	4G-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	1.09	1.09	2.77	2.73	4.51	4.50	9.05	9.01	13.46	13.43	17.98	17.86
Mode	4G-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	1.10	1.10	2.70	2.73	4.50	4.49	9.11	9.05	13.55	13.43	17.90	17.90

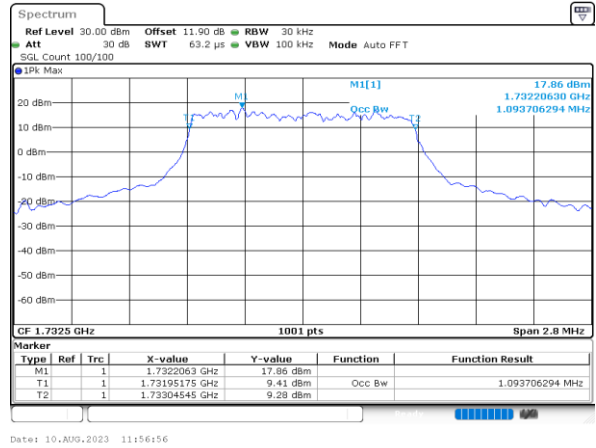


4G-LTE Band 66

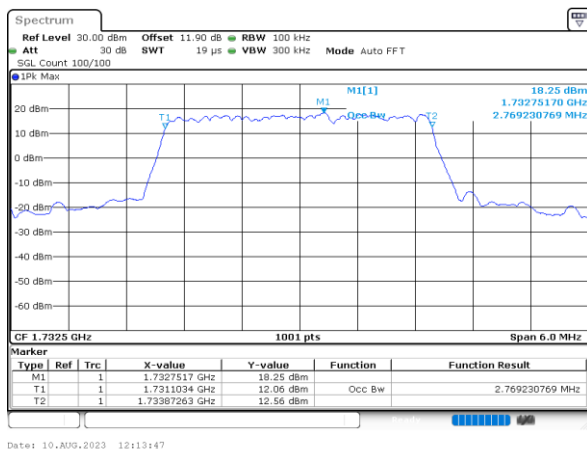
Middle Channel / 1.4MHz / QPSK



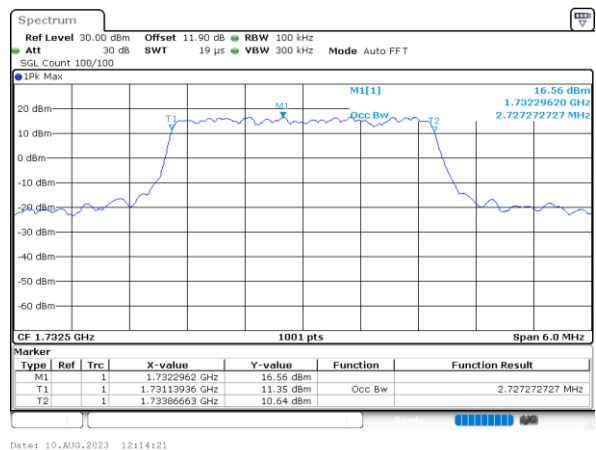
Middle Channel / 1.4MHz / 16QAM



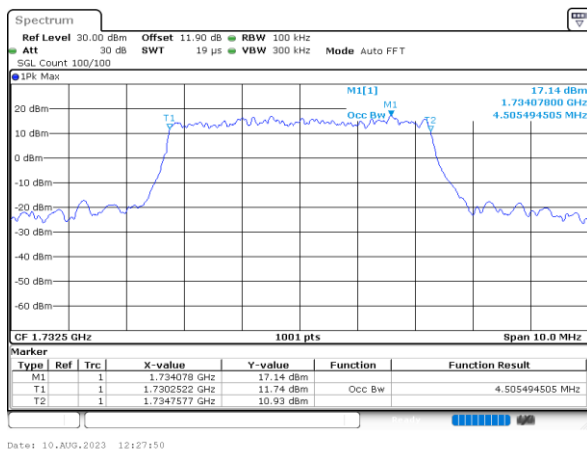
Middle Channel / 3MHz / QPSK



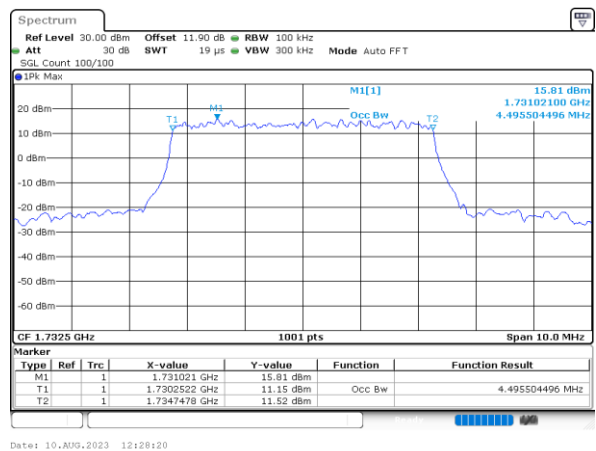
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



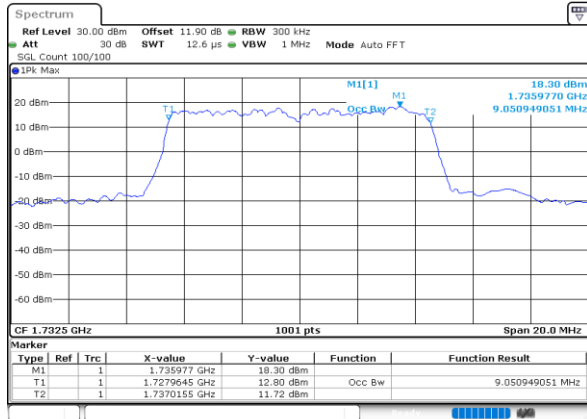
Middle Channel / 5MHz / 16QAM



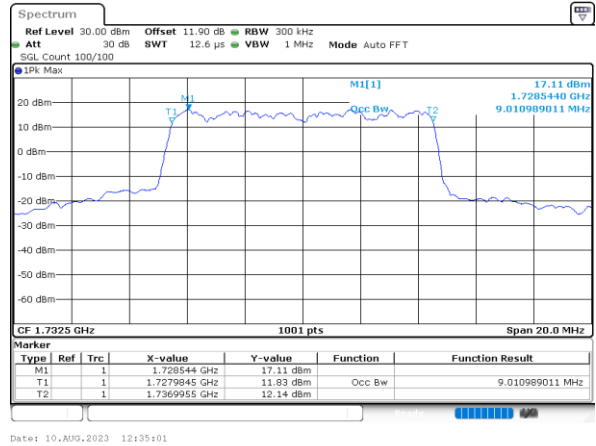


4G-LTE Band 66

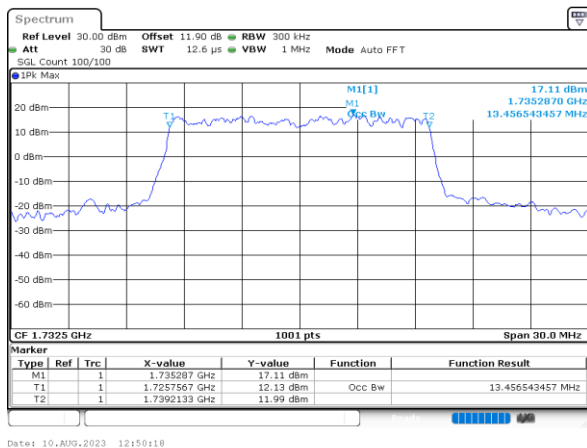
Middle Channel / 10MHz / QPSK



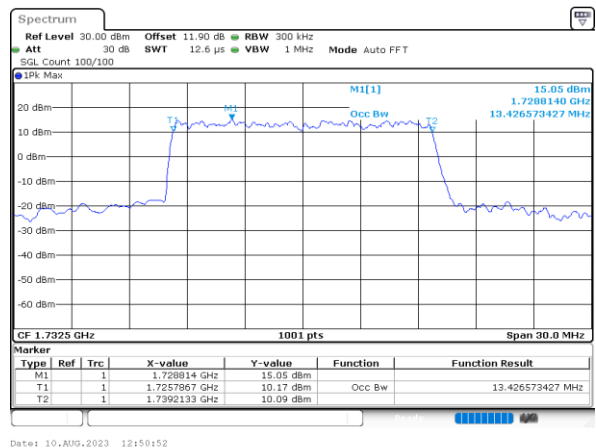
Middle Channel / 10MHz / 16QAM



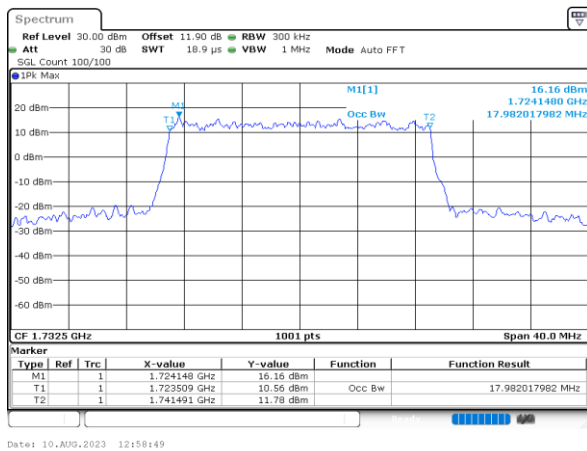
Middle Channel / 15MHz / QPSK



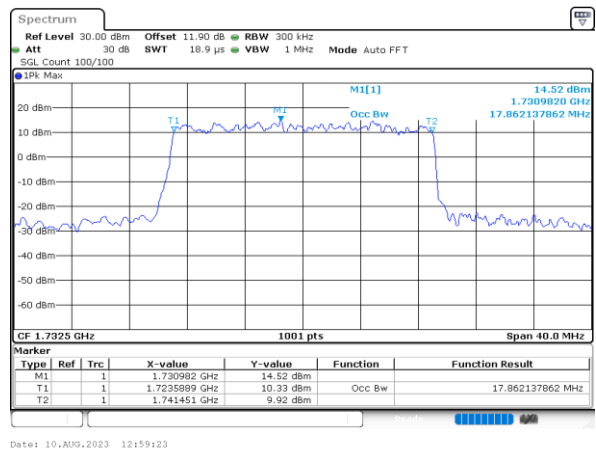
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



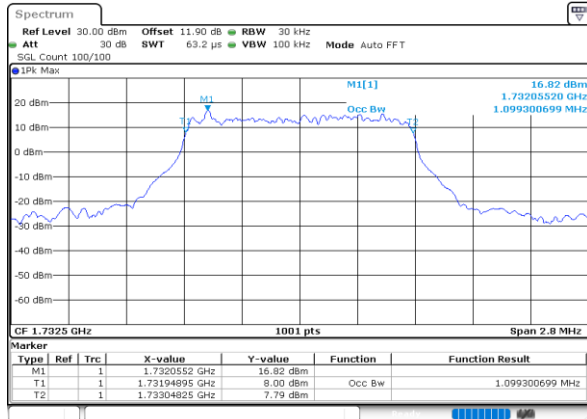
Middle Channel / 20MHz / 16QAM



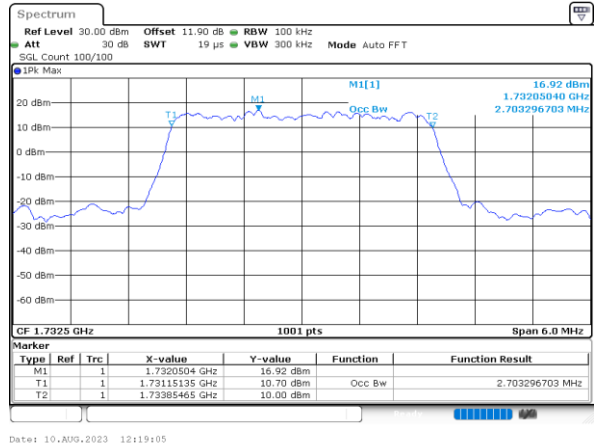


4G-LTE Band 66

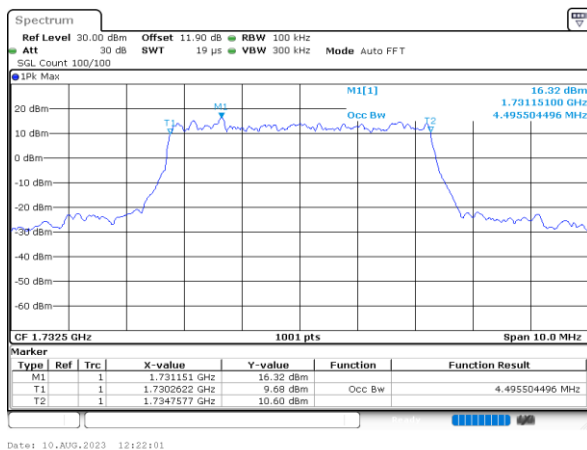
Middle Channel / 1.4MHz / 64QAM



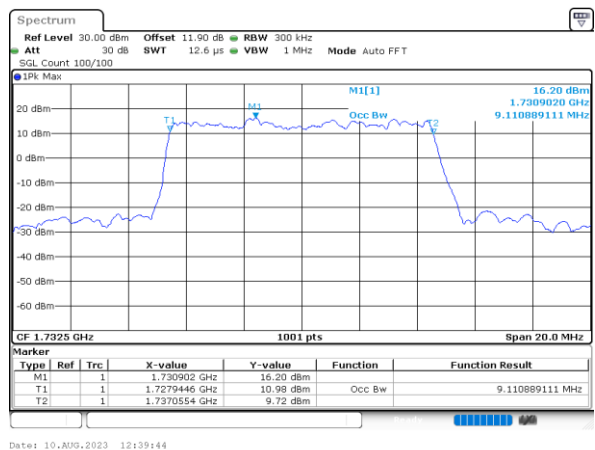
Middle Channel / 3MHz / 64QAM



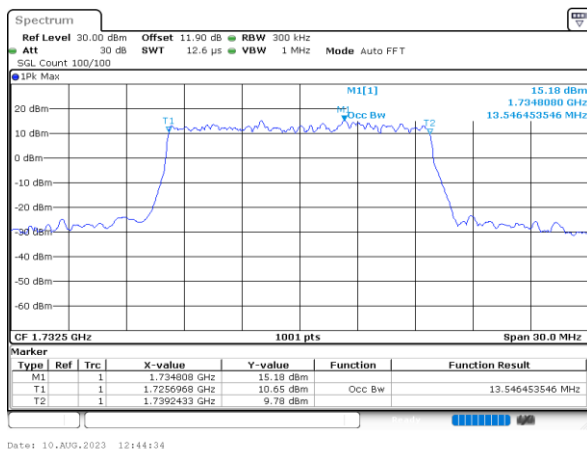
Middle Channel / 5MHz / 64QAM



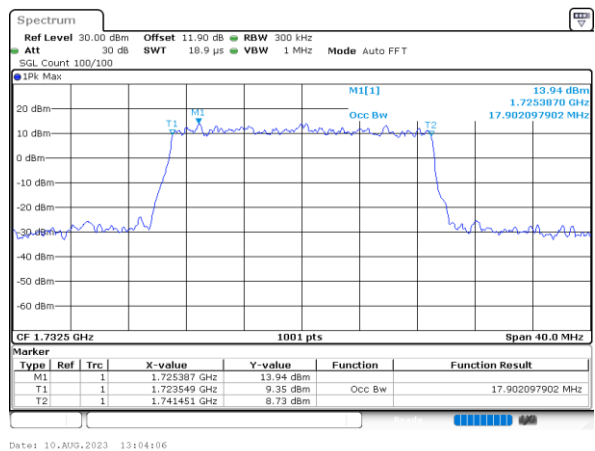
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



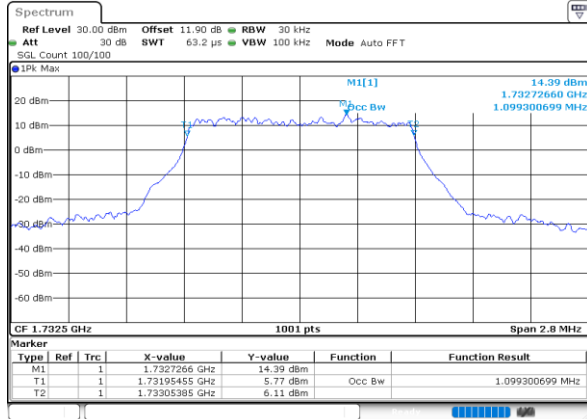
Middle Channel / 20MHz / 64QAM



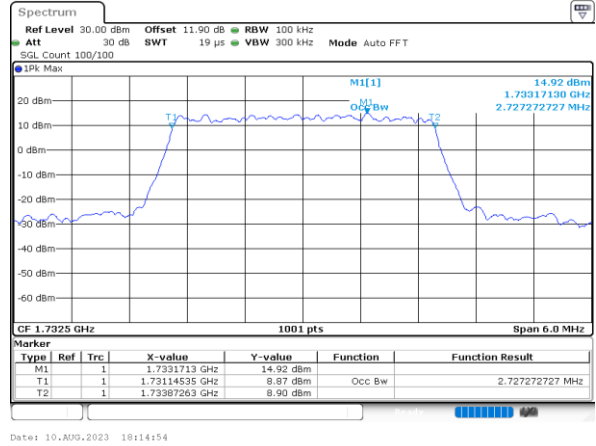


4G-LTE Band 66

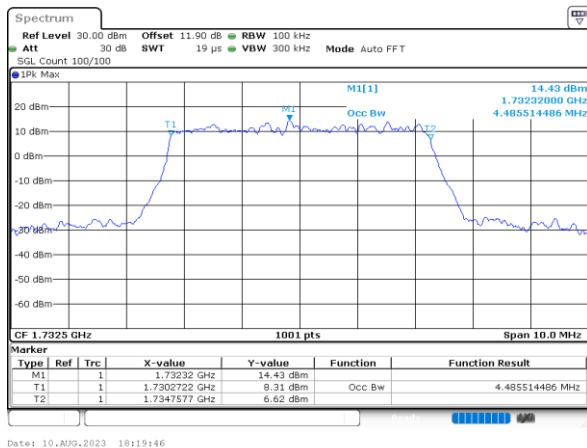
Middle Channel / 1.4MHz / 256QAM



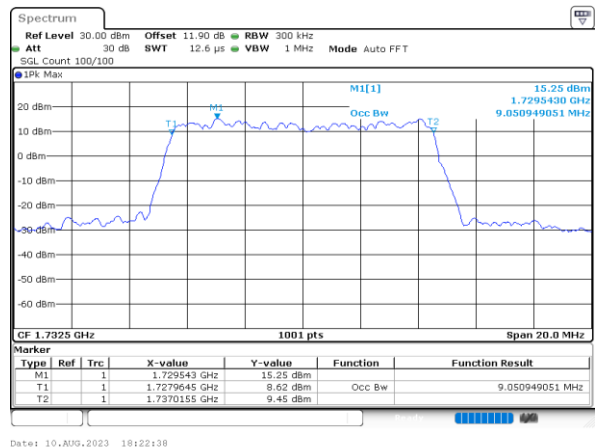
Middle Channel / 3MHz / 256QAM



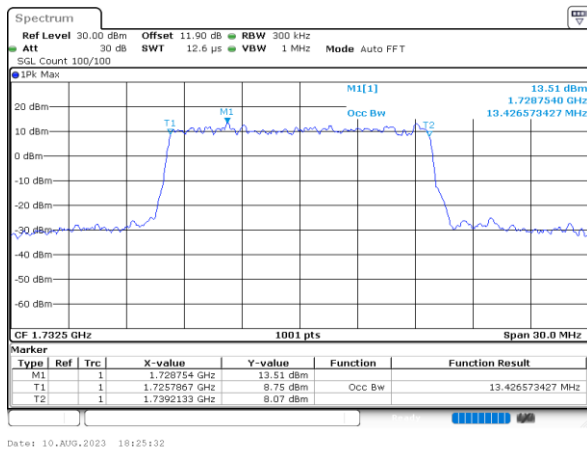
Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

