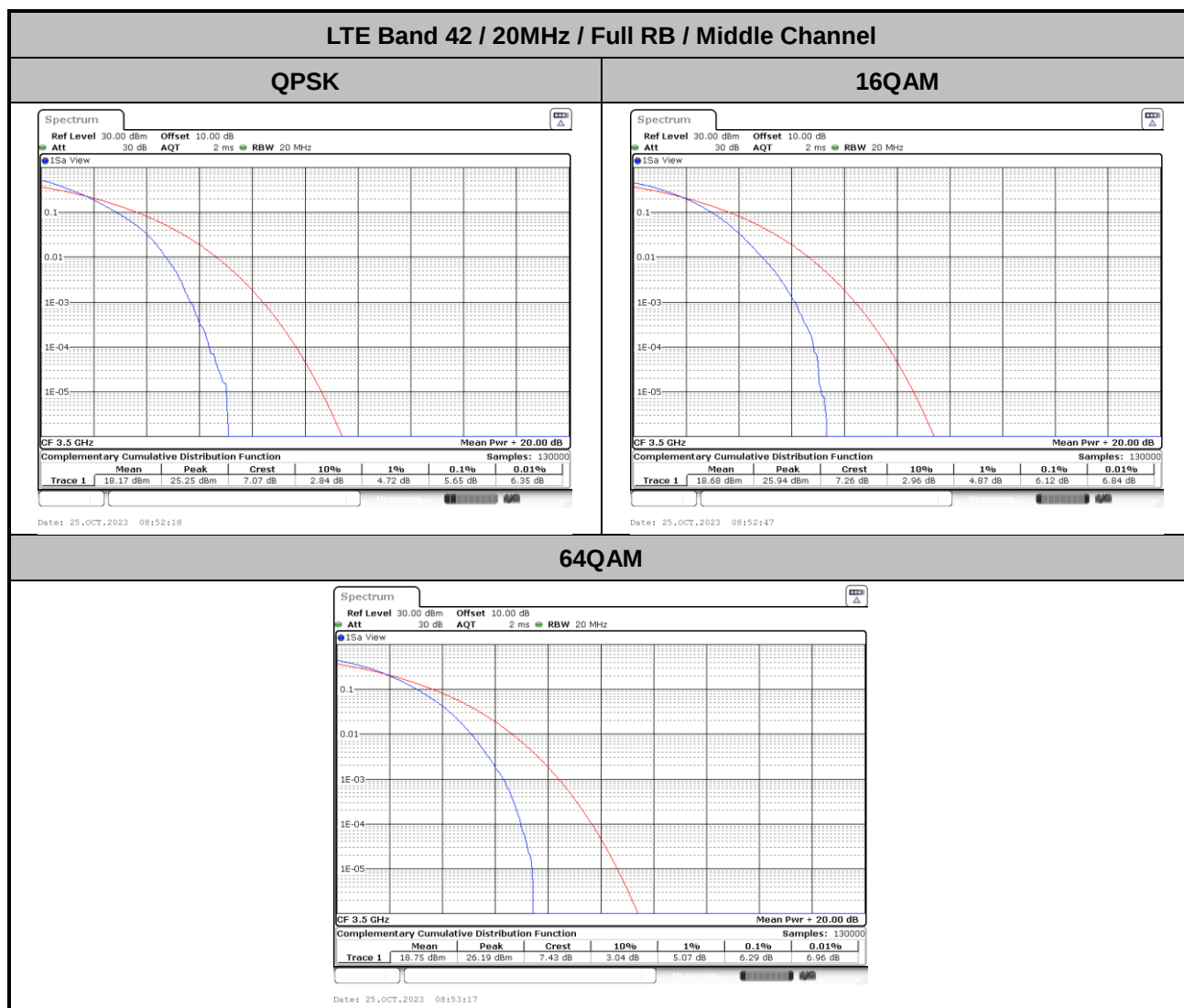


LTE Band 42 MIMO Ant.0

Peak-to-Average Ratio

Mode	LTE Band 42 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB			Result
Middle CH	5.65	6.12	6.29	PASS

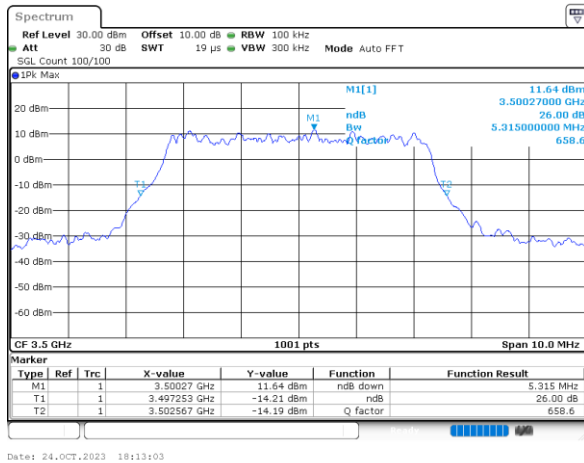


26dB Bandwidth

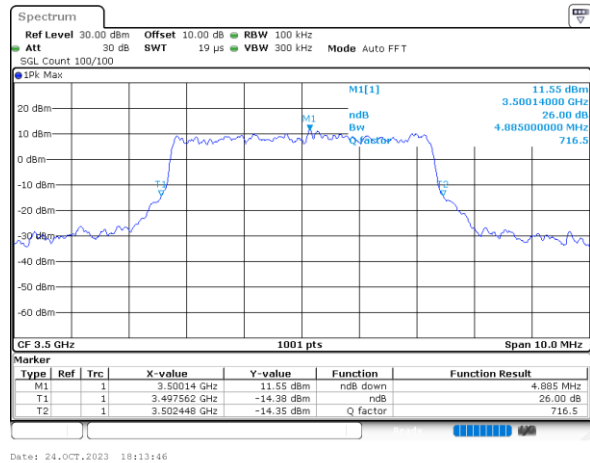
Mode	LTE Band 42 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.32	4.89	9.83	9.85	14.15	14.18	18.78	18.78

LTE Band 42 / Middle channel / Full RB/5M

QPSK

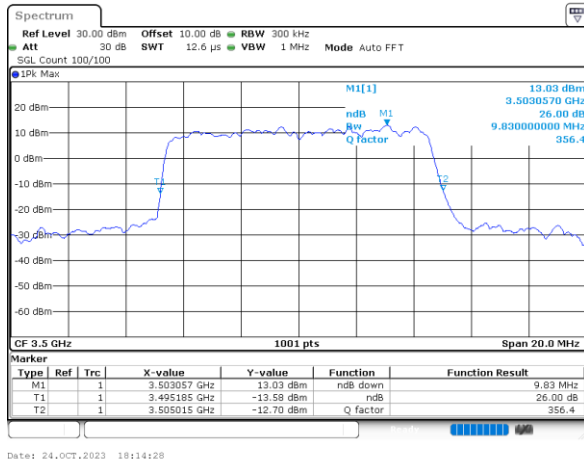


16QAM

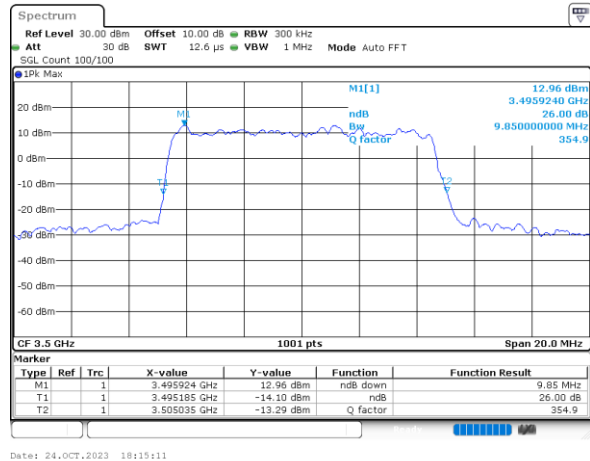


LTE Band 42 / Middle channel / Full RB/10M

QPSK

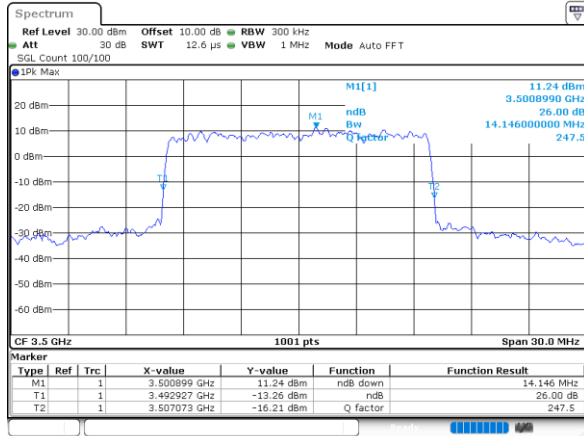


16QAM

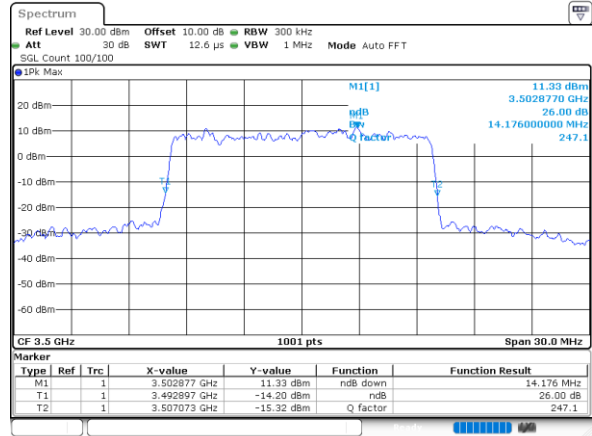


LTE Band 42 / Middle channel / Full RB/15M

QPSK

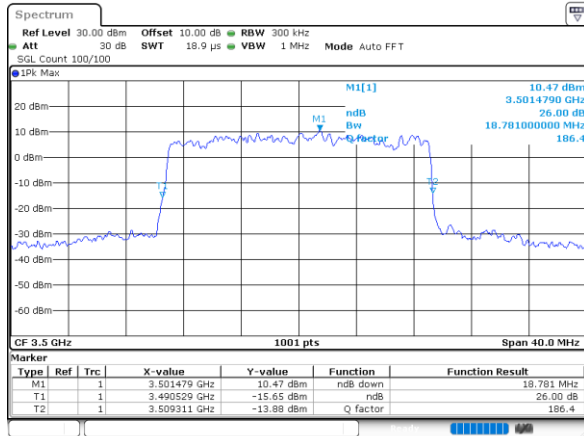


16QAM

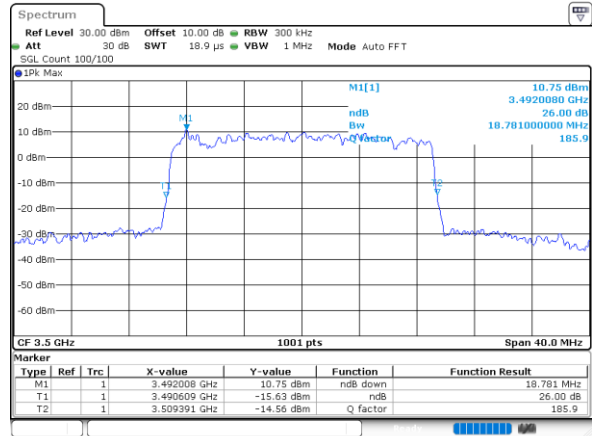


LTE Band 42 / Middle channel / Full RB/20M

QPSK



16QAM

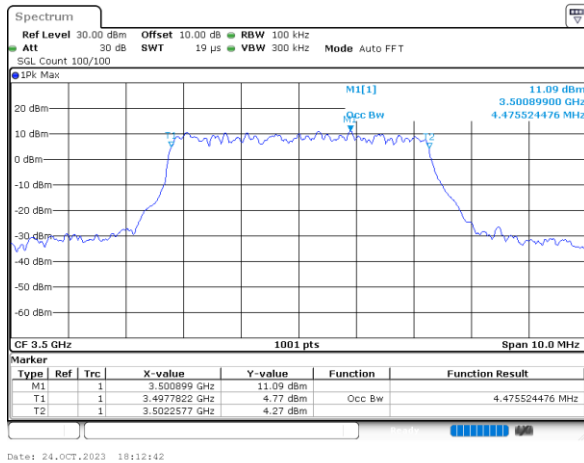


Occupied Bandwidth

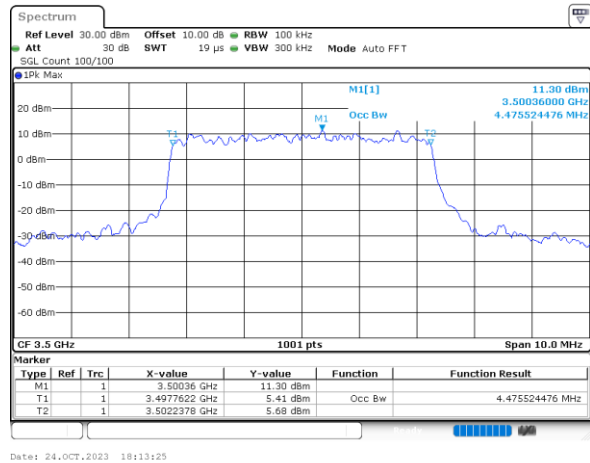
Mode	LTE Band 42 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.48	4.48	8.95	9.03	13.52	13.43	17.90	17.94

LTE Band 42 / Middle channel / Full RB/5M

QPSK

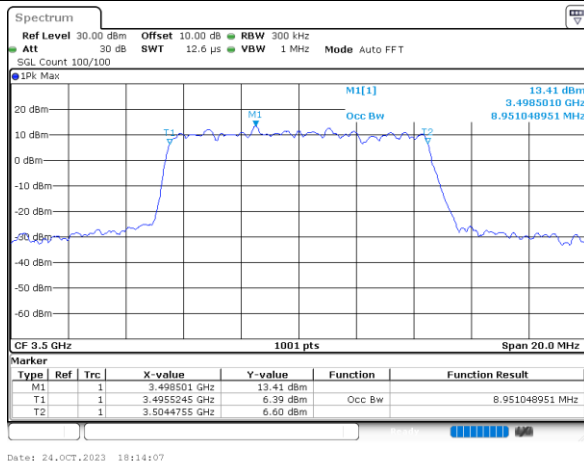


16QAM

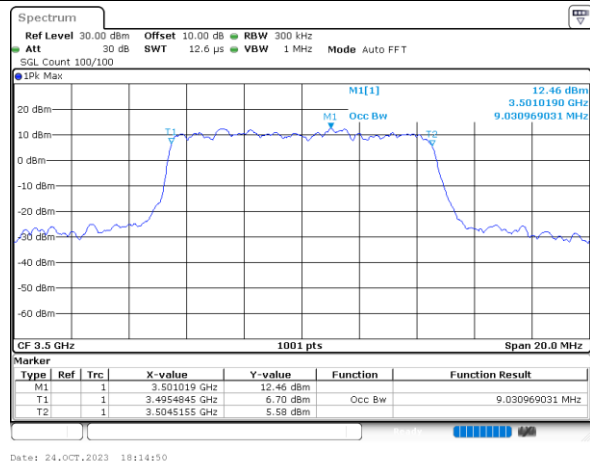


LTE Band 42 / Middle channel / Full RB/10M

QPSK

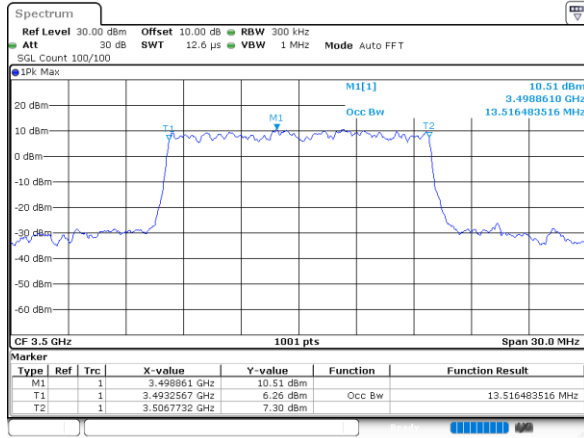


16QAM

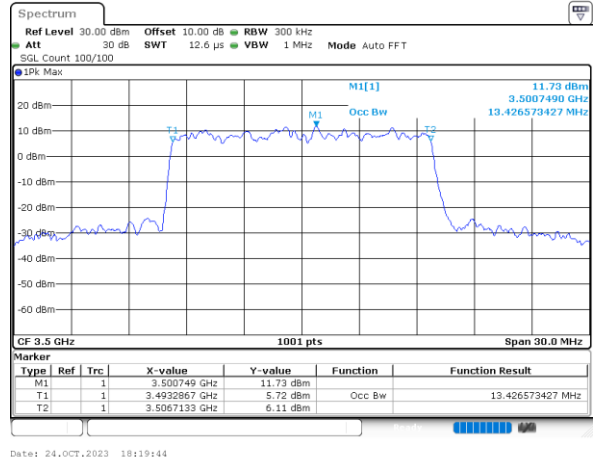


LTE Band 42 / Middle channel / Full RB/15M

QPSK

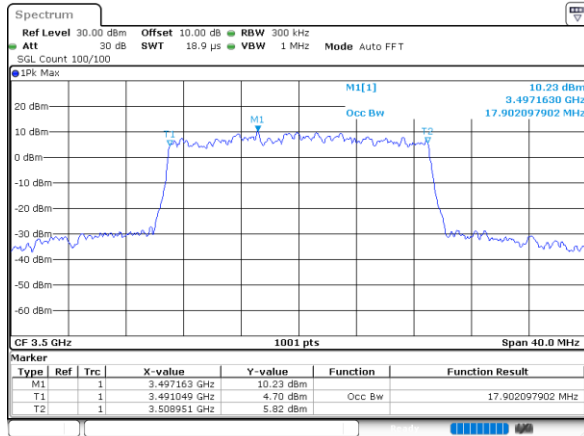


16QAM

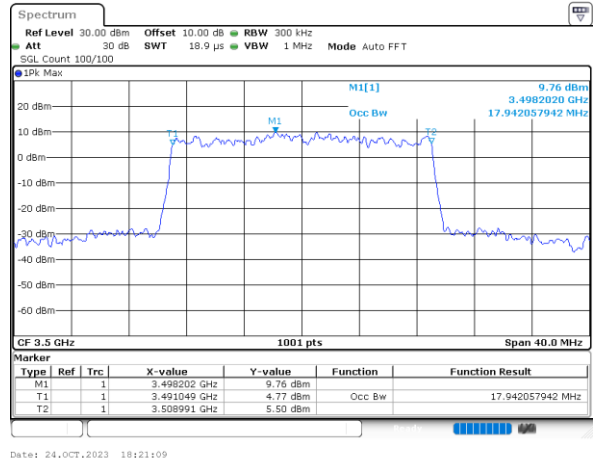


LTE Band 42 / Middle channel / Full RB/20M

QPSK



16QAM



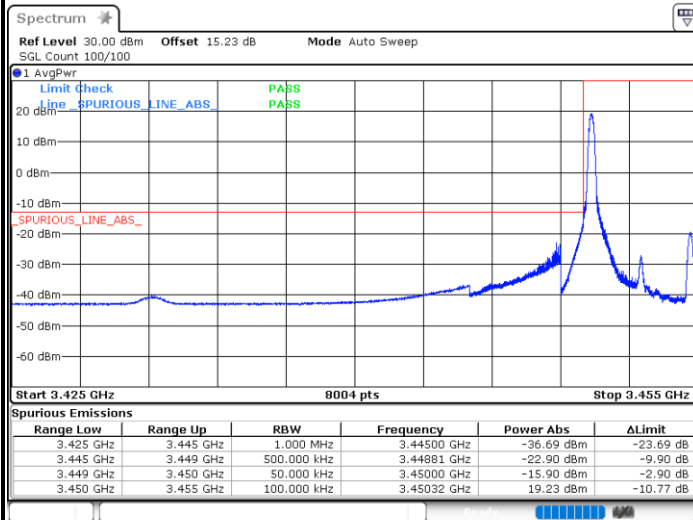


Conducted Band Edge

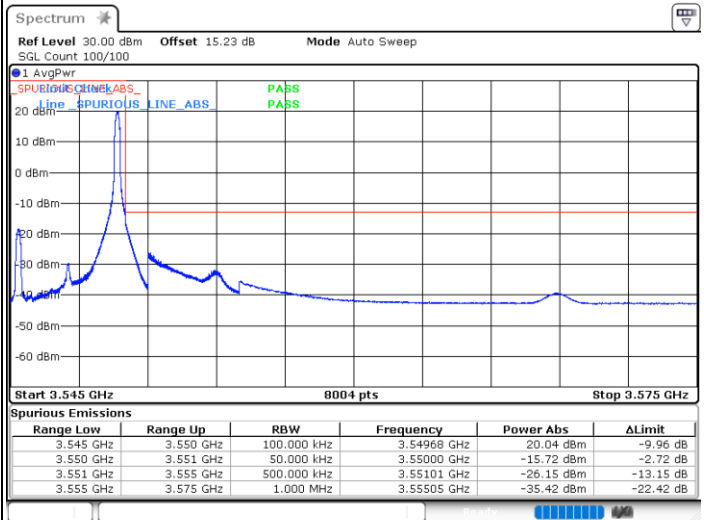
LTE Band 42 / 5MHz

QPSK

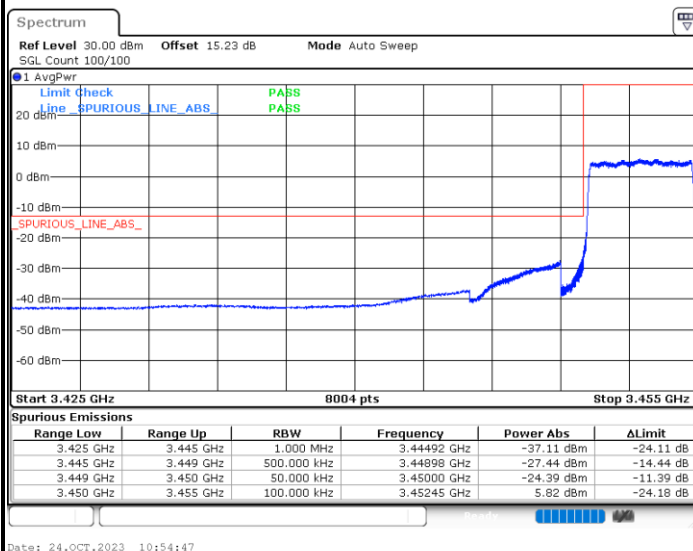
Lowest Channel / 1RB0



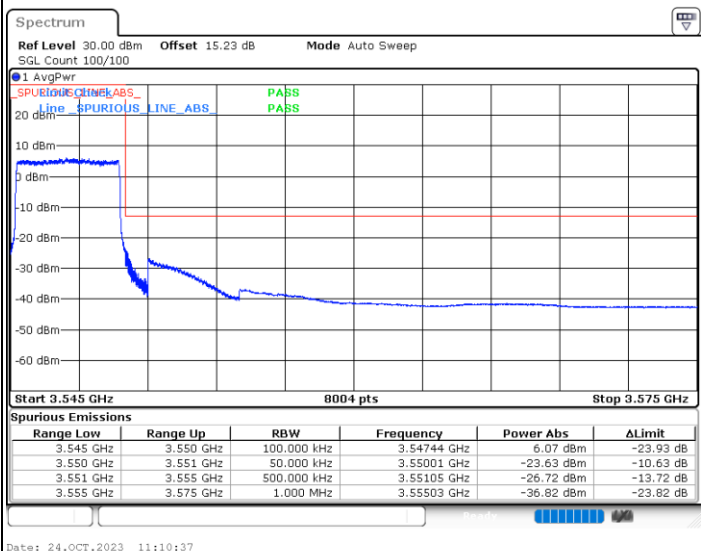
Highest Channel / 1RBmax



Lowest Channel / FullRB



Highest Channel / FullRB



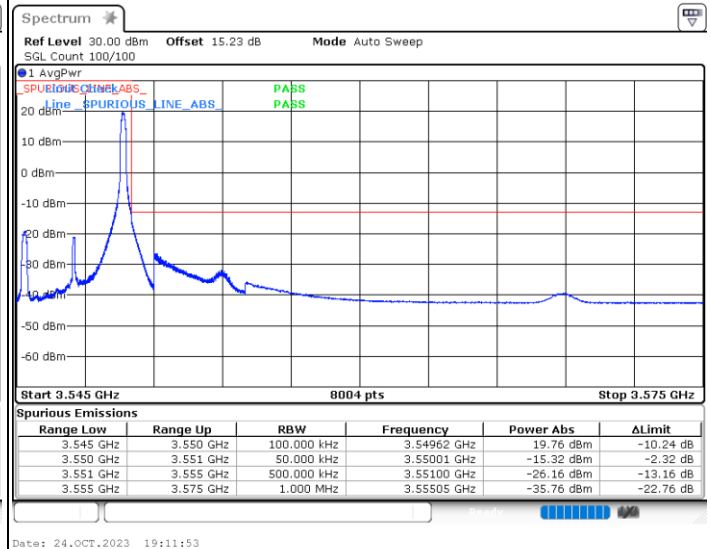
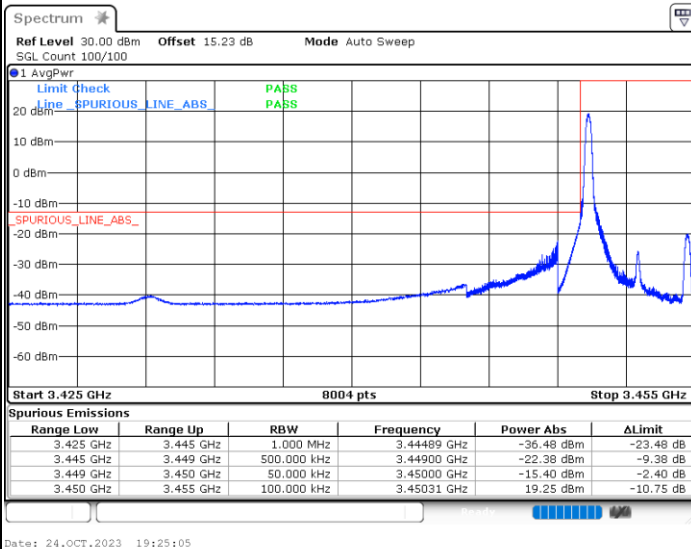


LTE Band 42 / 5MHz

16QAM

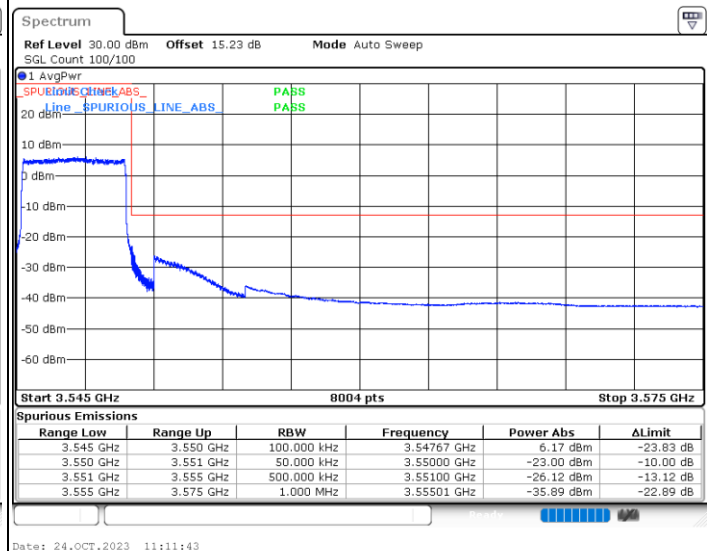
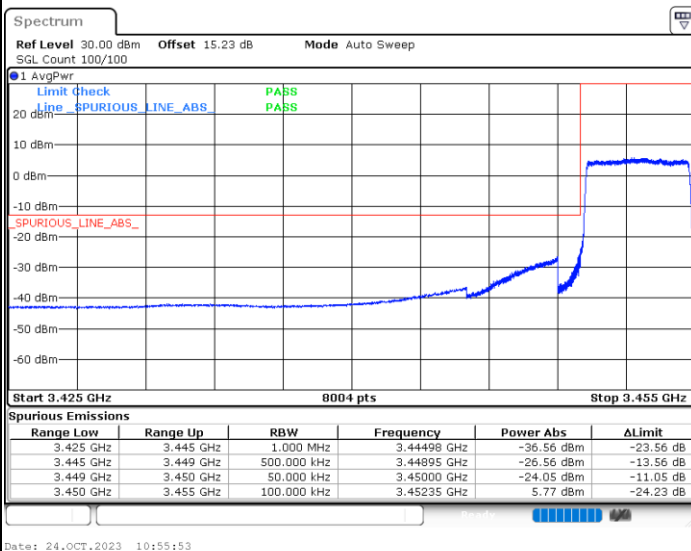
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB



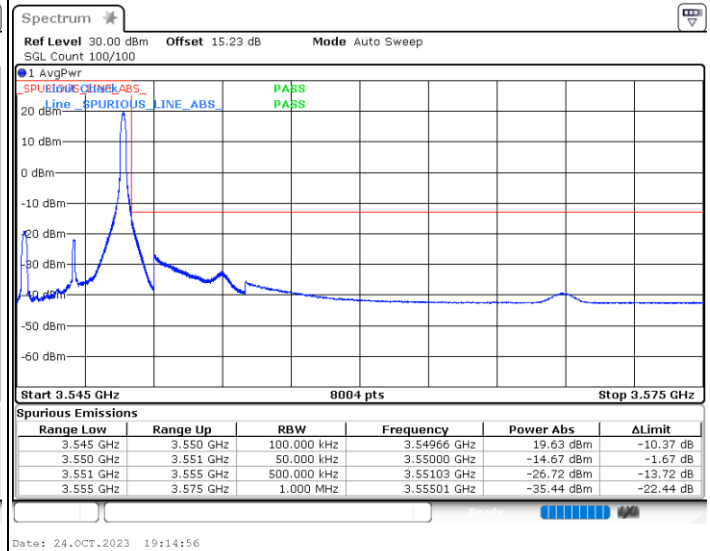
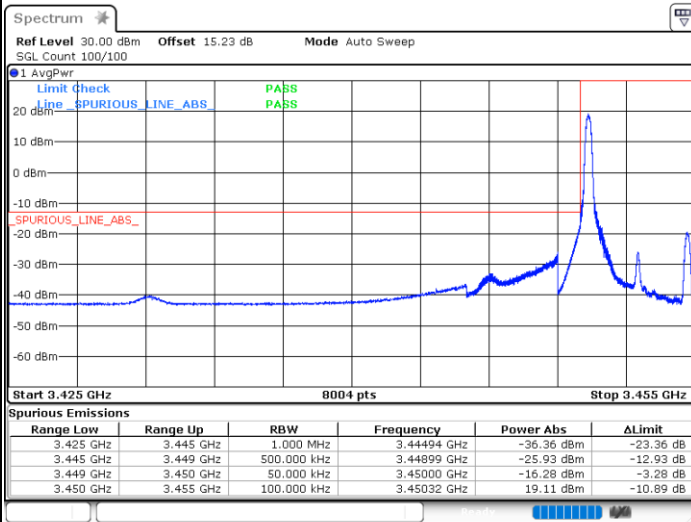


LTE Band 42 / 5MHz

64QAM

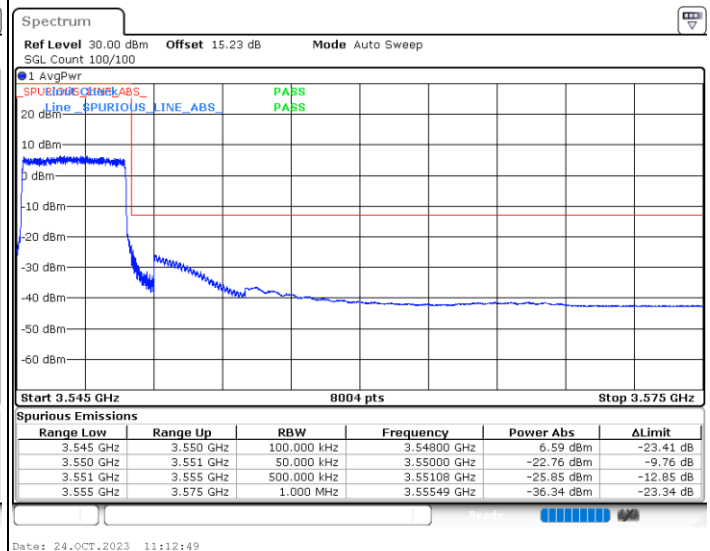
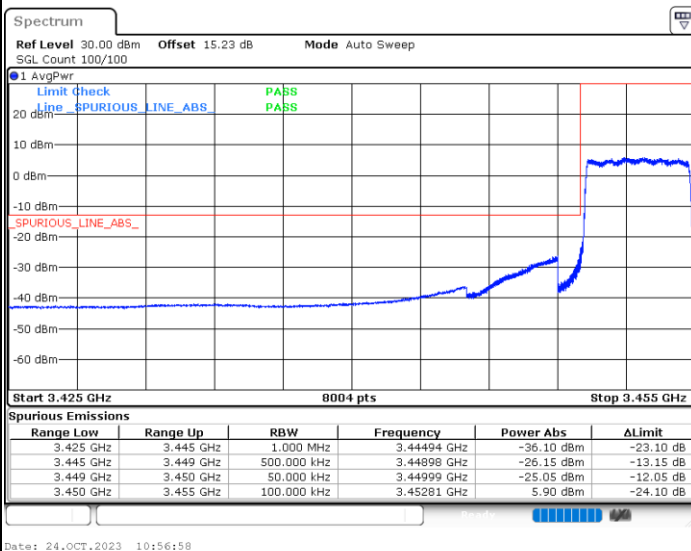
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB



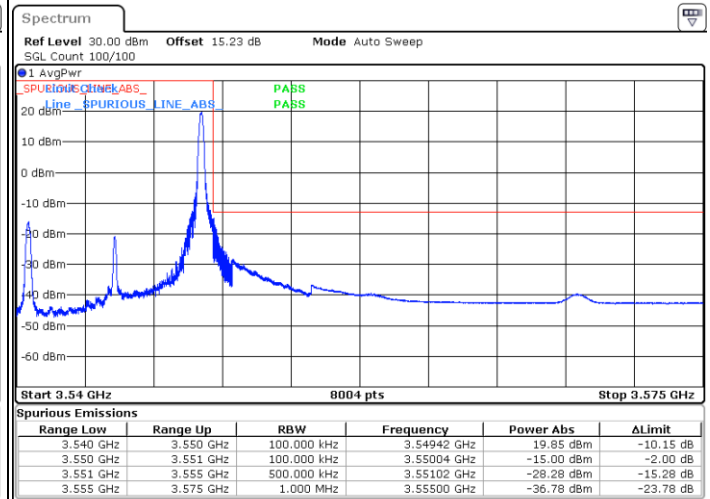
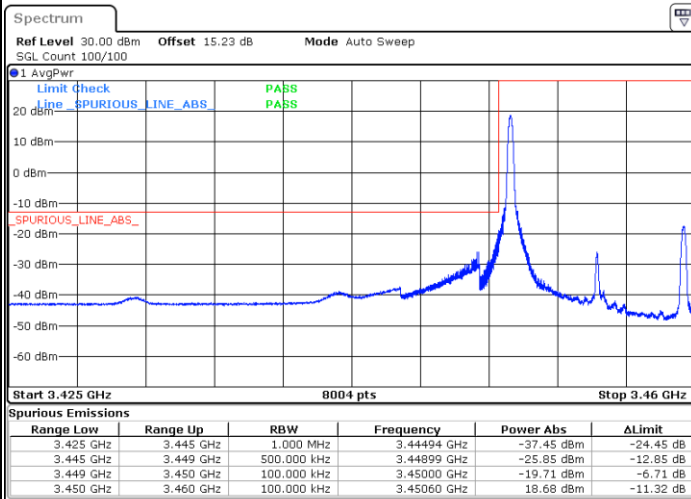


LTE Band 42 / 10MHz

QPSK

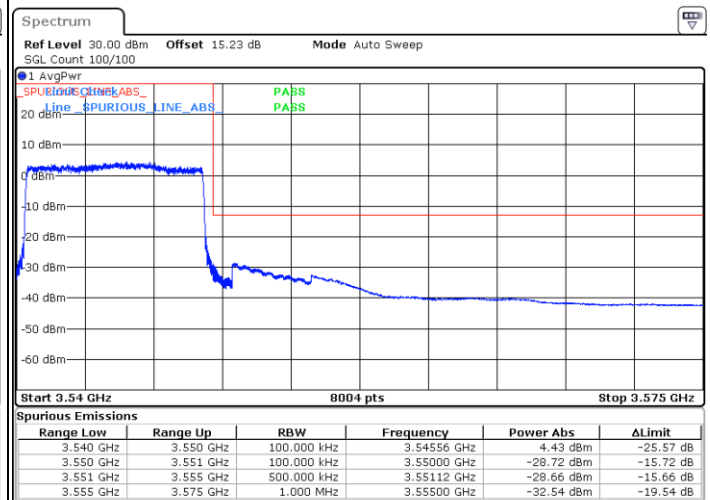
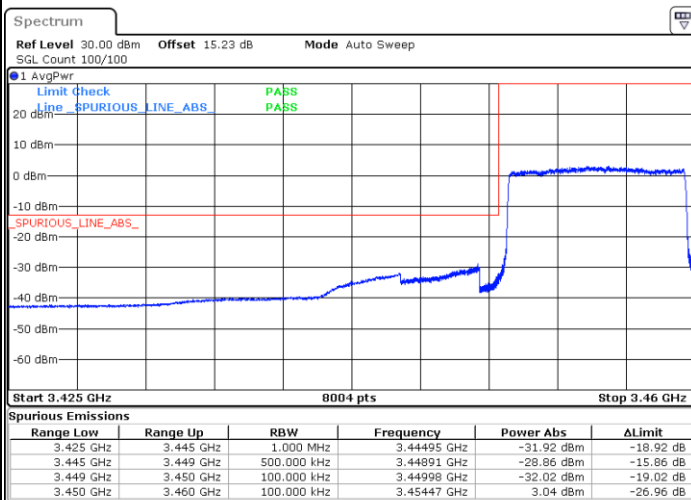
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB

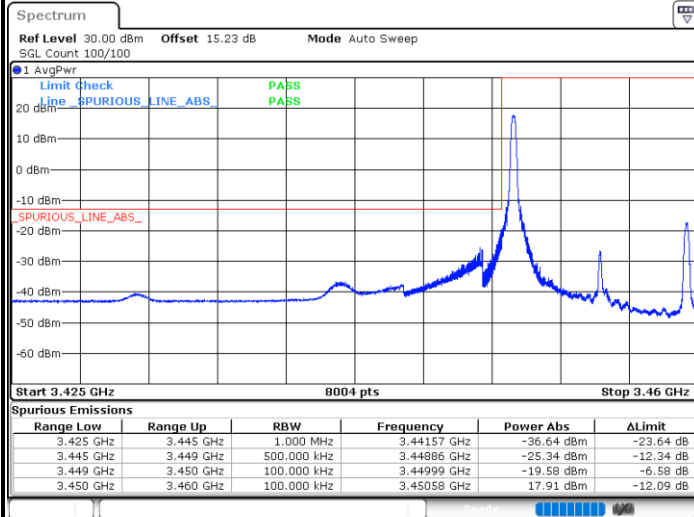




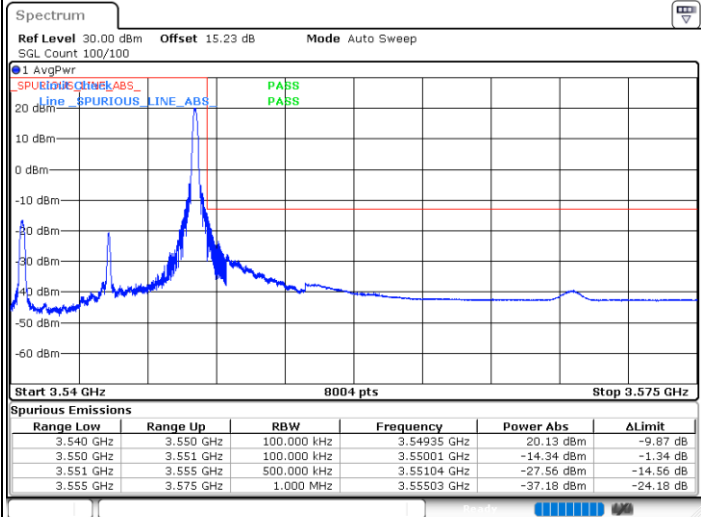
LTE Band 42 / 10MHz

16QAM

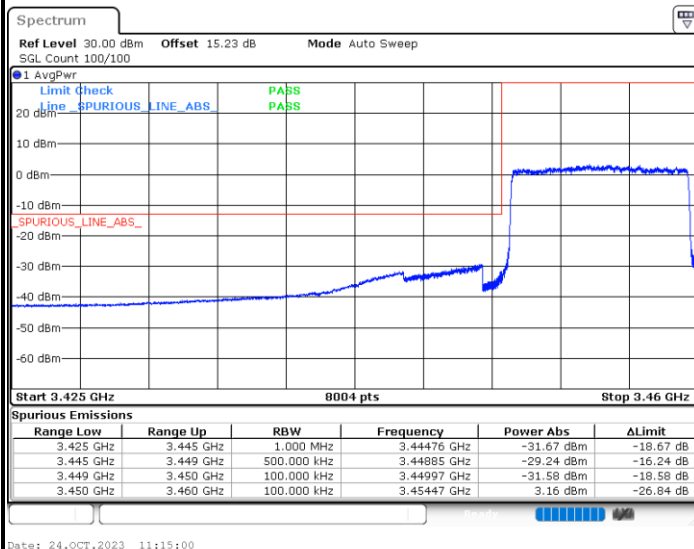
Lowest Channel / 1RB0



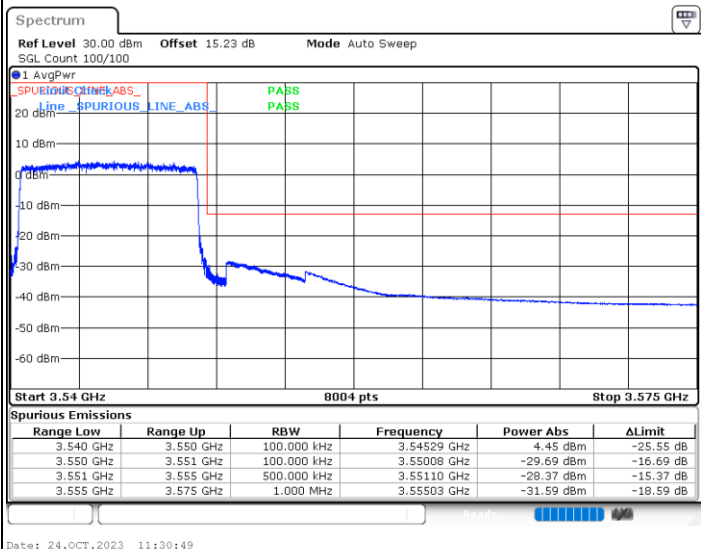
Highest Channel / 1RBmax



Lowest Channel / FullRB



Highest Channel / FullRB



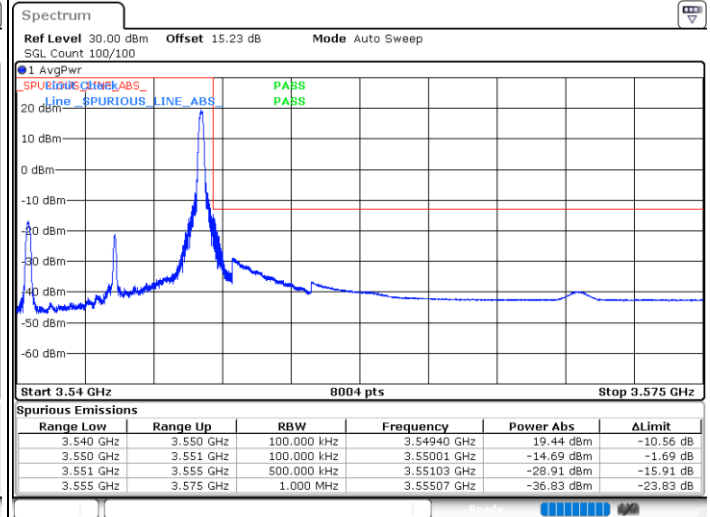
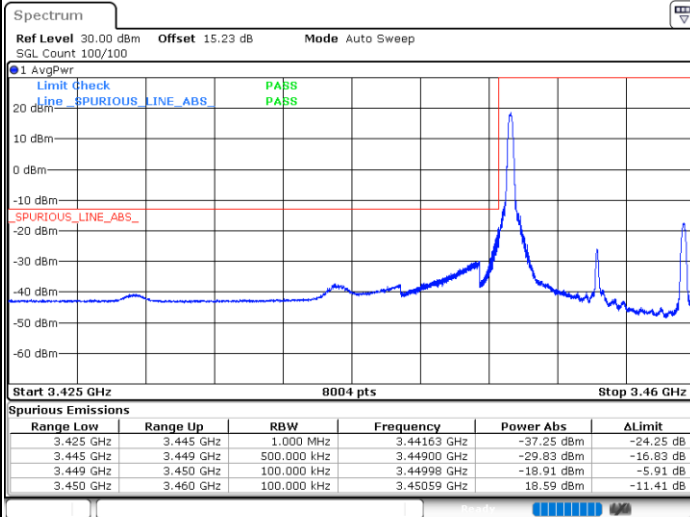


LTE Band 42 / 10MHz

64QAM

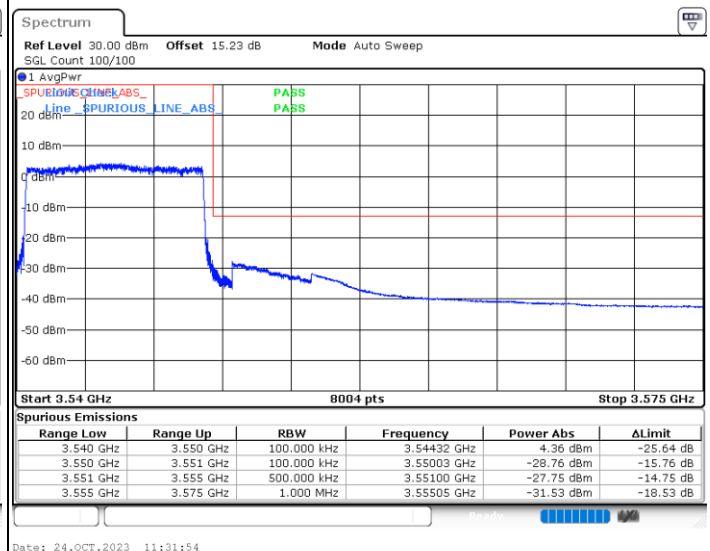
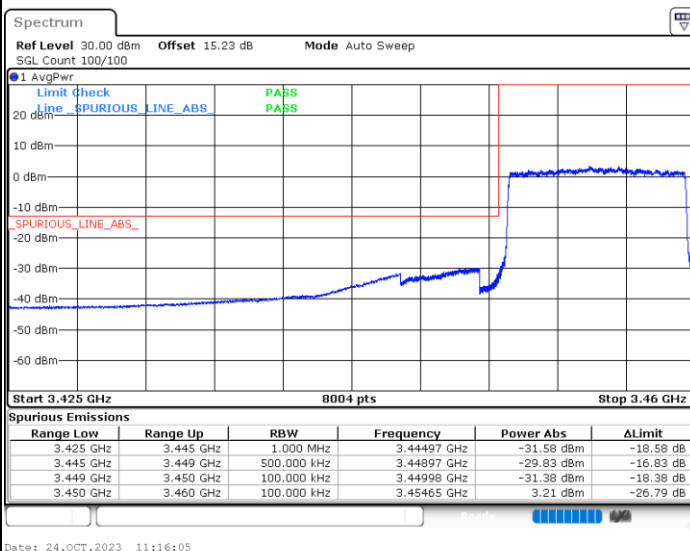
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB



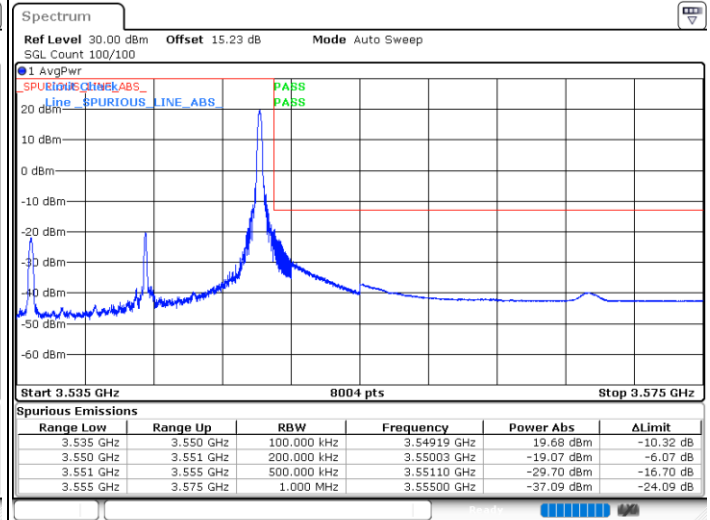
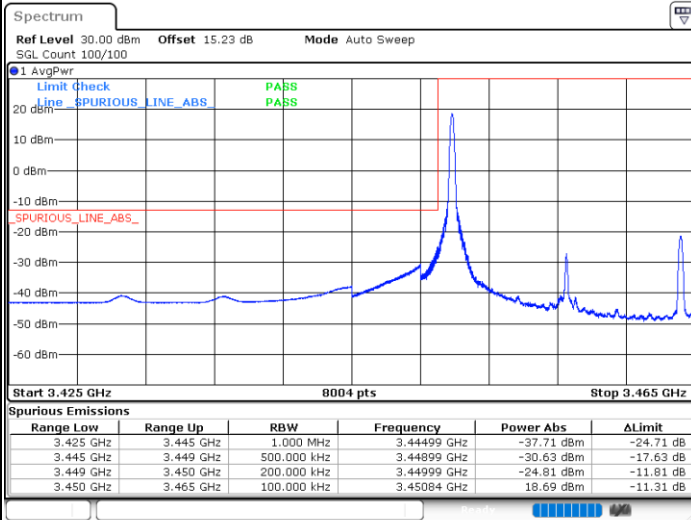


LTE Band 42 / 15MHz

QPSK

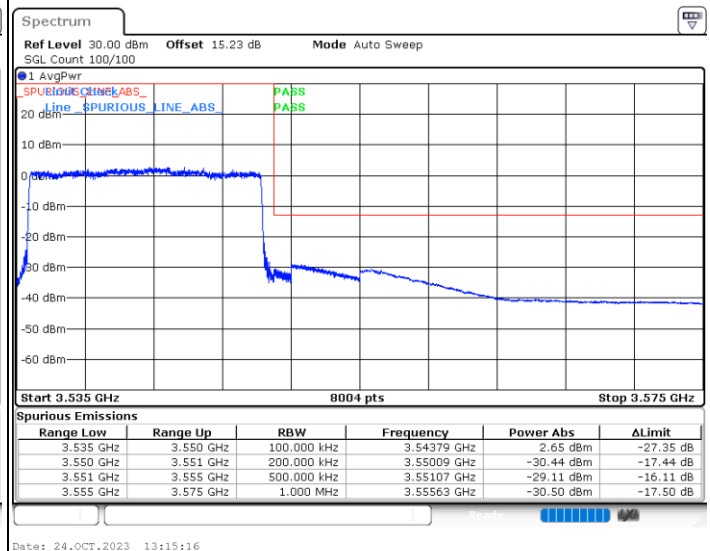
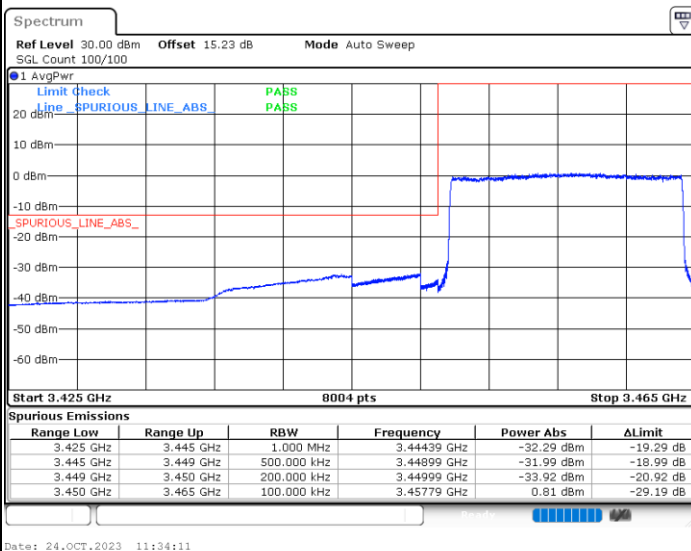
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB



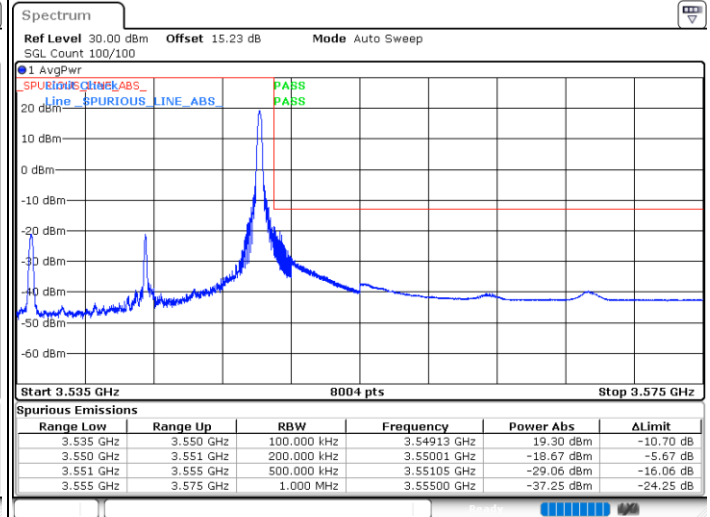
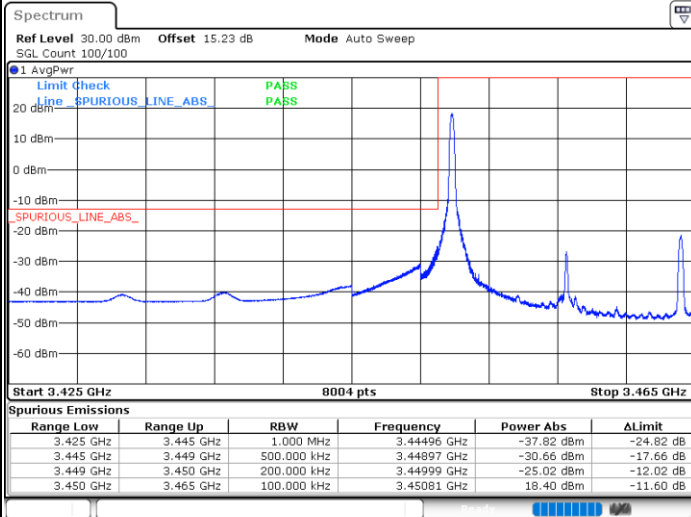


LTE Band 42 / 15MHz

16QAM

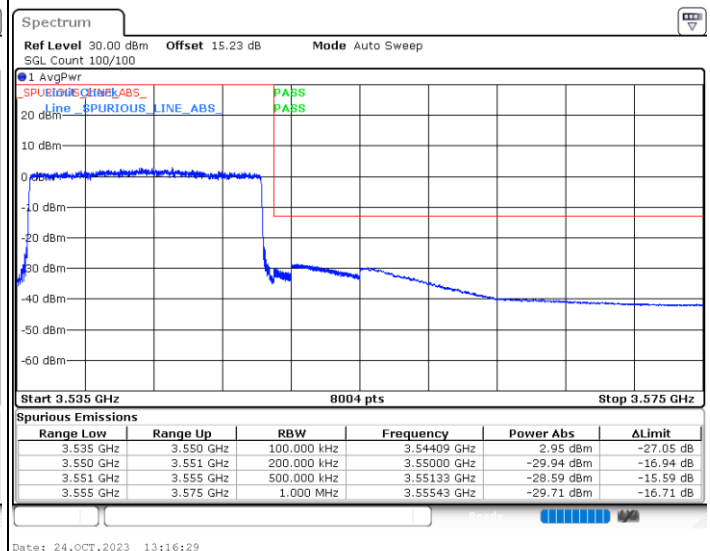
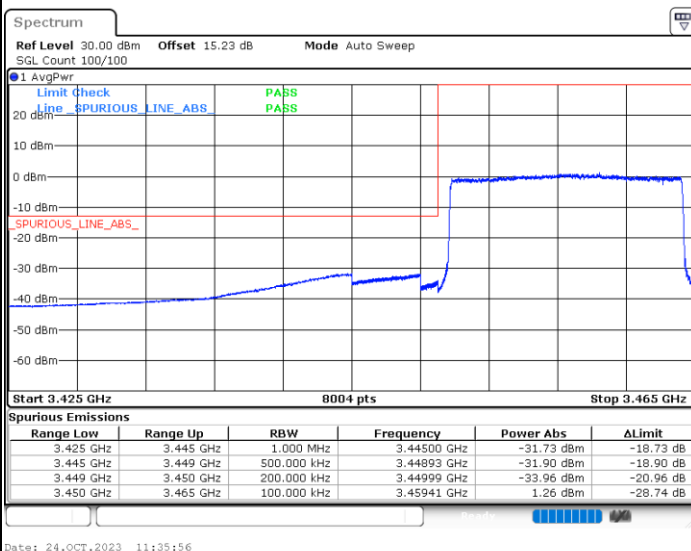
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB



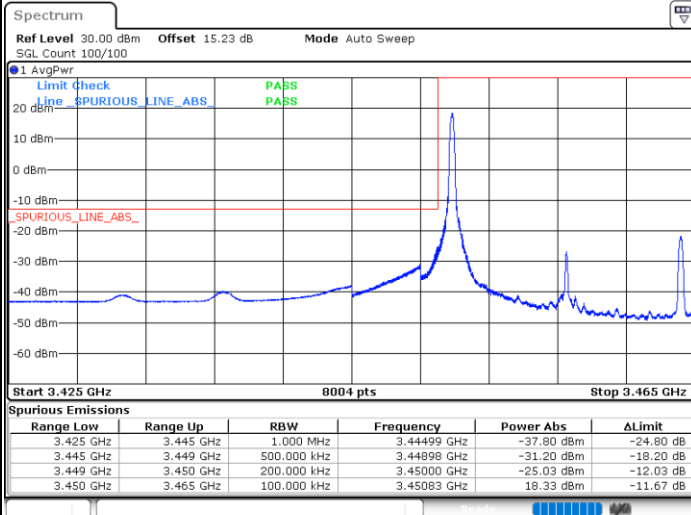


LTE Band 42 / 15MHz

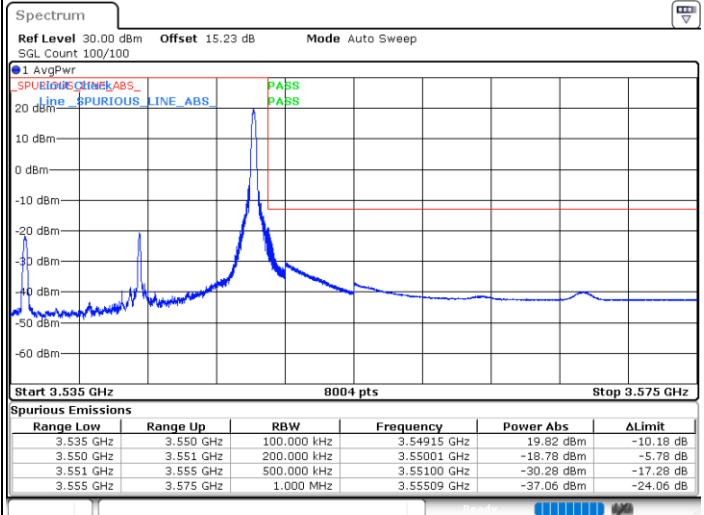
64QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax



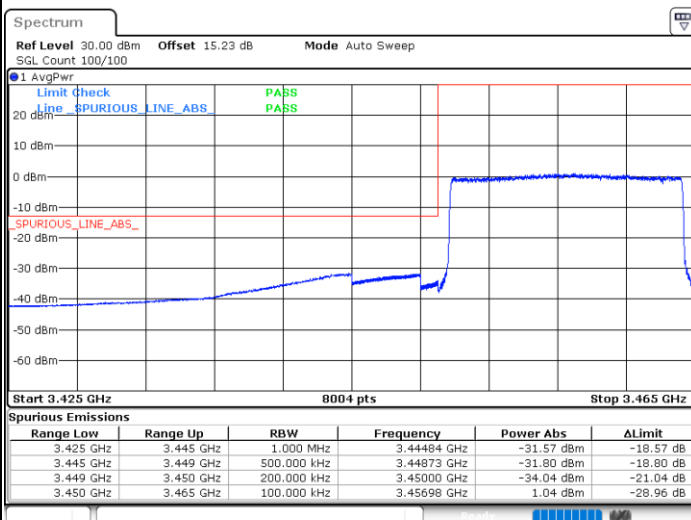
Date: 24.OCT.2023 11:41:12



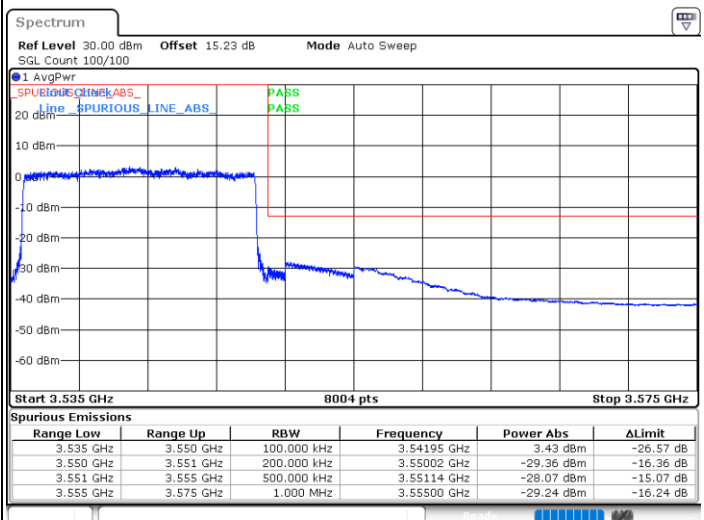
Date: 24.OCT.2023 13:14:05

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 24.OCT.2023 11:37:05



Date: 24.OCT.2023 13:17:38

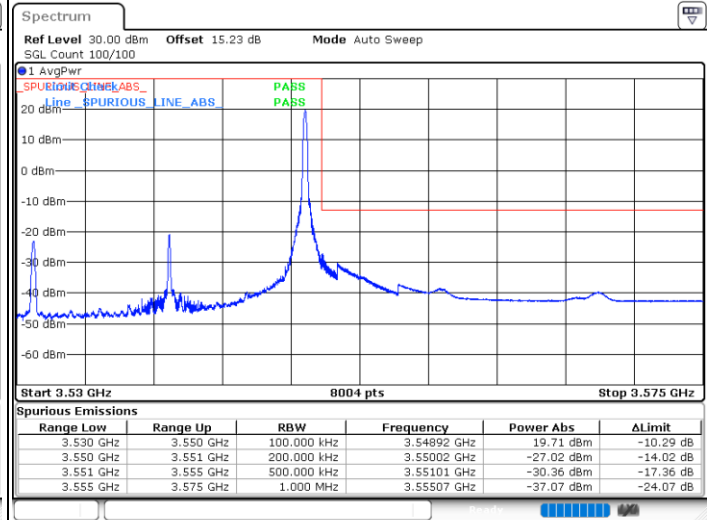
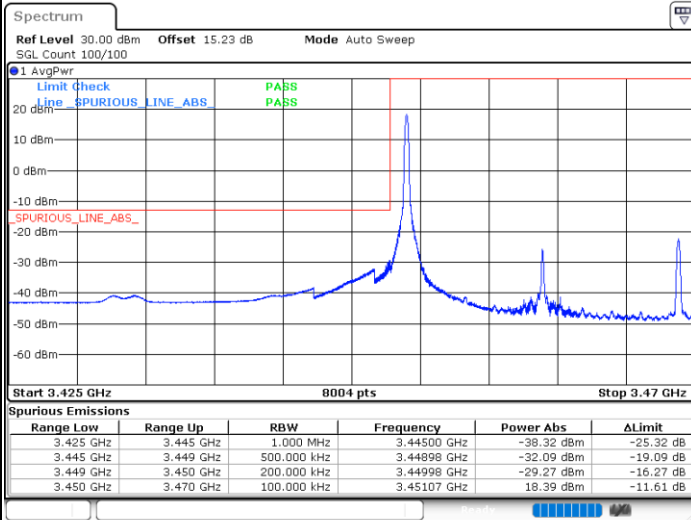


LTE Band 42 / 20MHz

QPSK

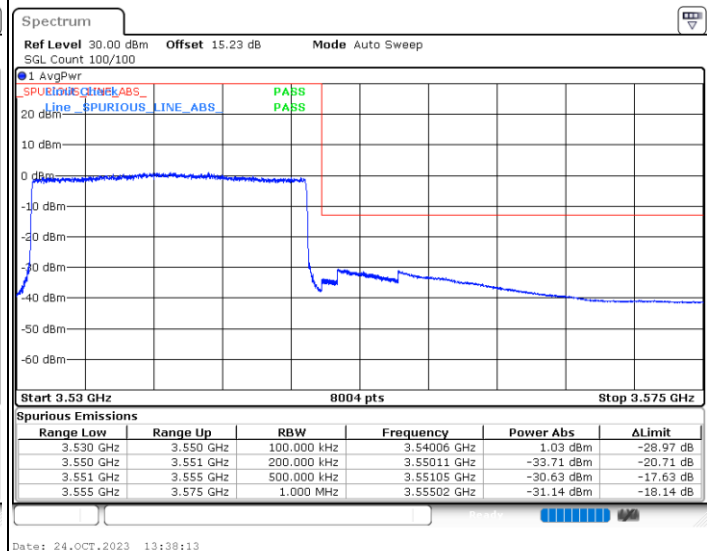
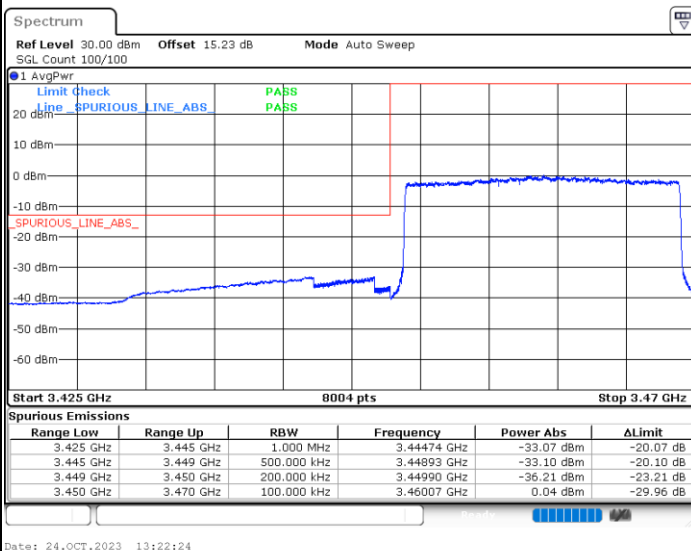
Lowest Channel / 1RB0

Highest Channel / 1RBmax



Lowest Channel / FullRB

Highest Channel / FullRB



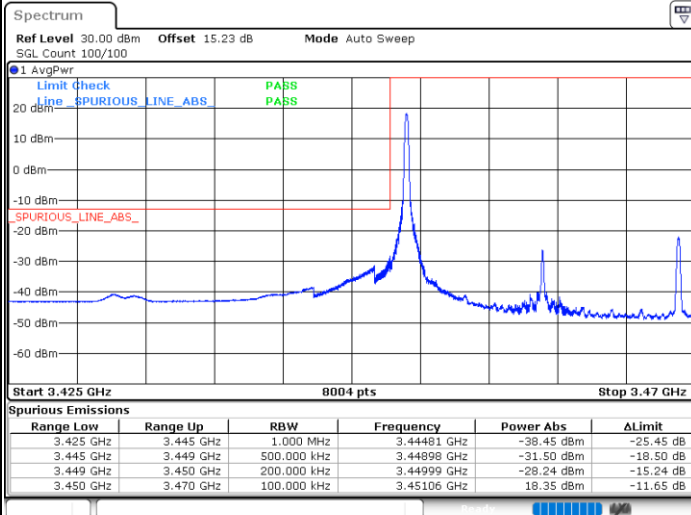


LTE Band 42 / 20MHz

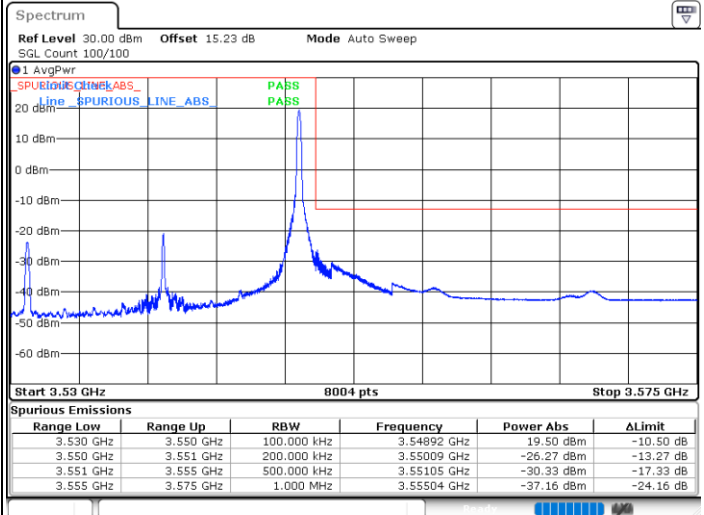
16QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax



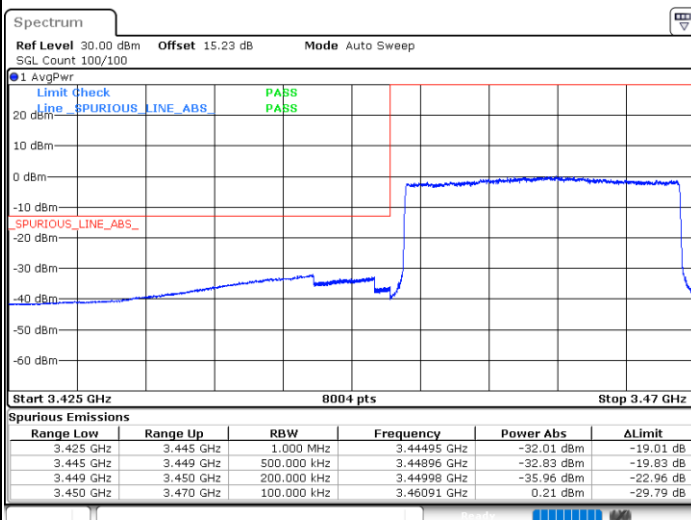
Date: 24.OCT.2023 13:26:46



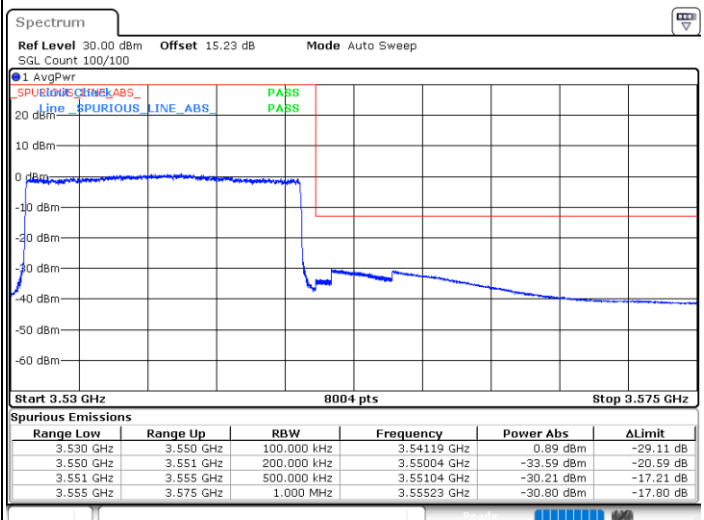
Date: 24.OCT.2023 13:36:03

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 24.OCT.2023 13:23:30



Date: 24.OCT.2023 13:39:19

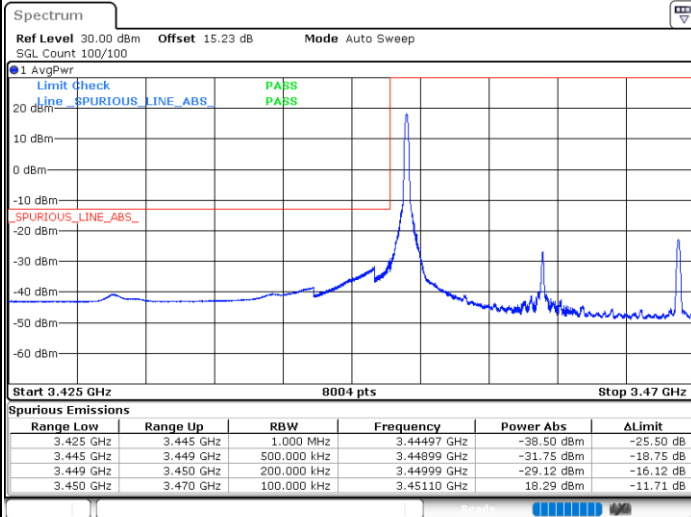


LTE Band 42 / 20MHz

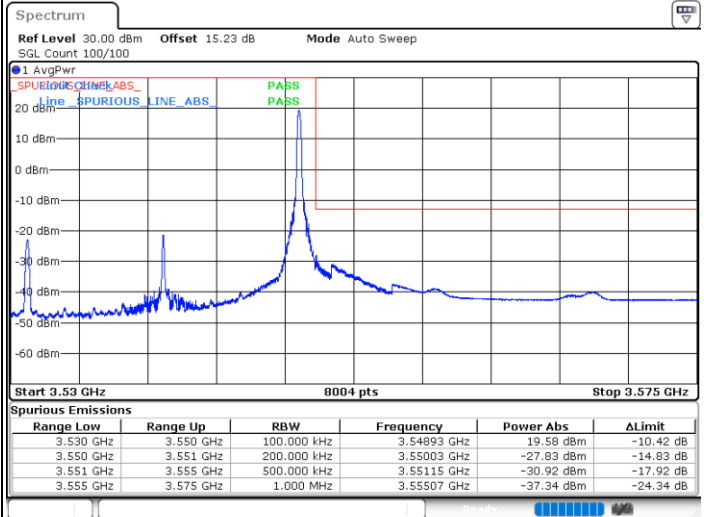
64QAM

Lowest Channel / 1RB0

Highest Channel / 1RBmax



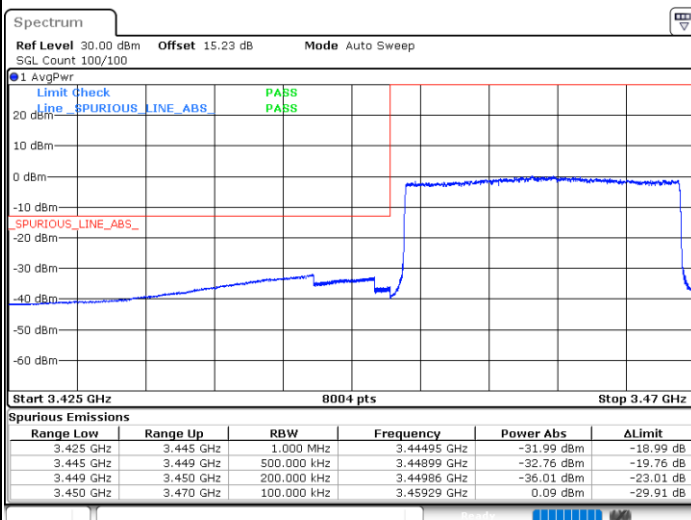
Date: 24.OCT.2023 13:27:51



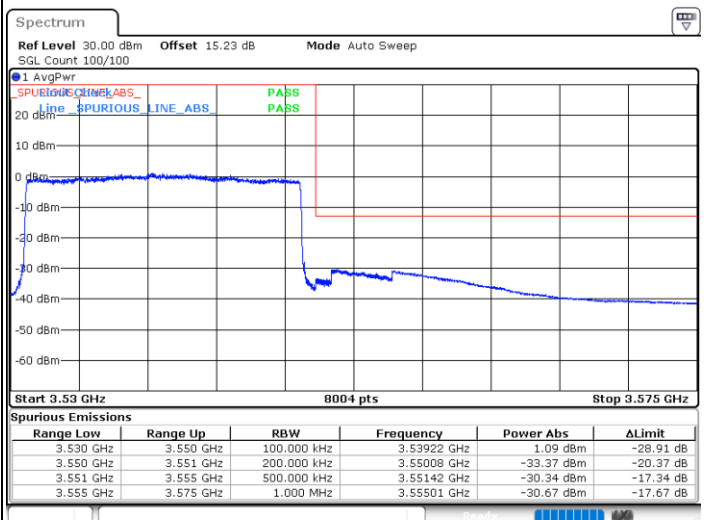
Date: 24.OCT.2023 13:37:08

Lowest Channel / FullRB

Highest Channel / FullRB



Date: 24.OCT.2023 13:24:35



Date: 24.OCT.2023 13:40:24



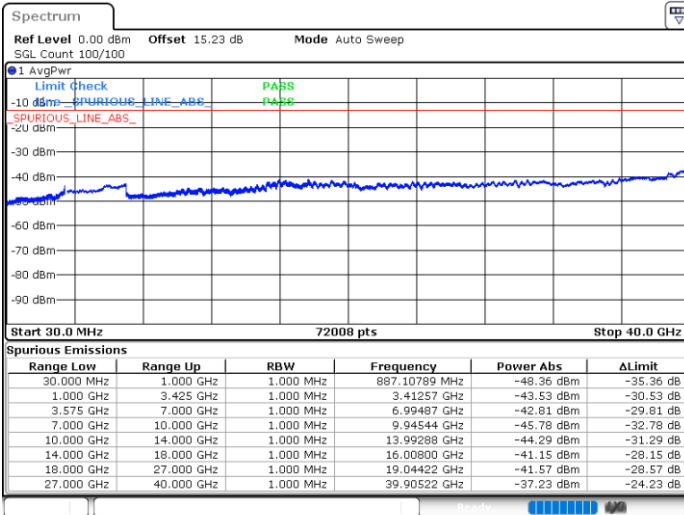
Conducted Spurious Emission

LTE Band 42/ 5MHz

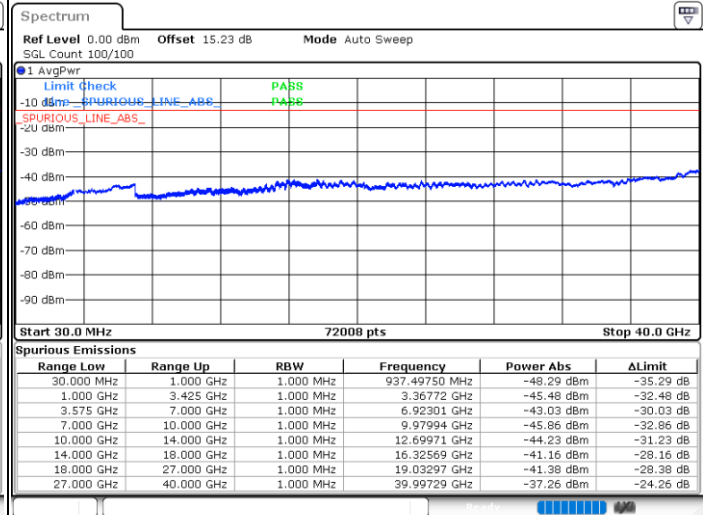
QPSK / 1RB0

Lowest Channel

Middle Channel

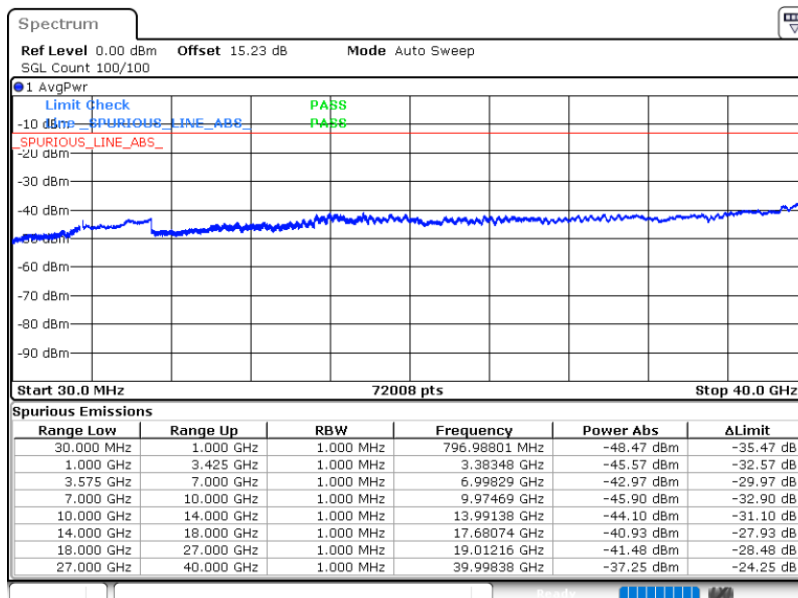


Date: 24.OCT.2023 11:02:14



Date: 24.OCT.2023 11:04:15

Highest Channel



Date: 24.OCT.2023 11:06:15

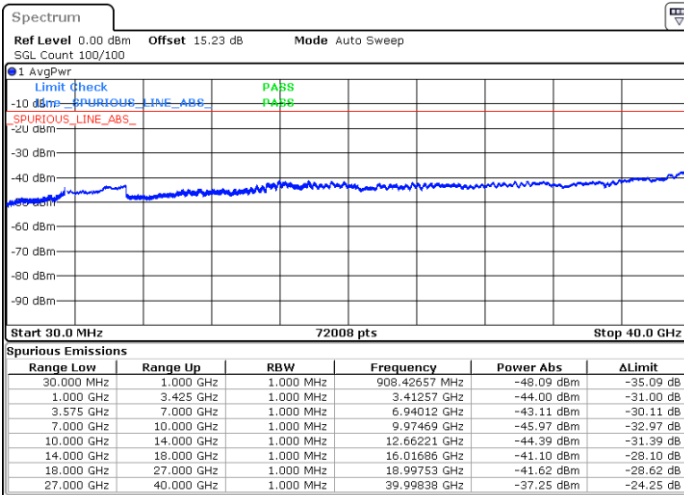


LTE Band 42/ 10MHz

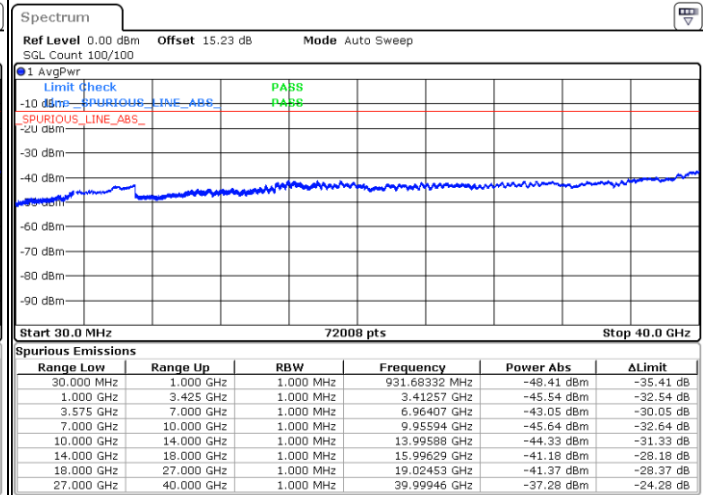
QPSK / 1RB0

Lowest Channel

Middle Channel

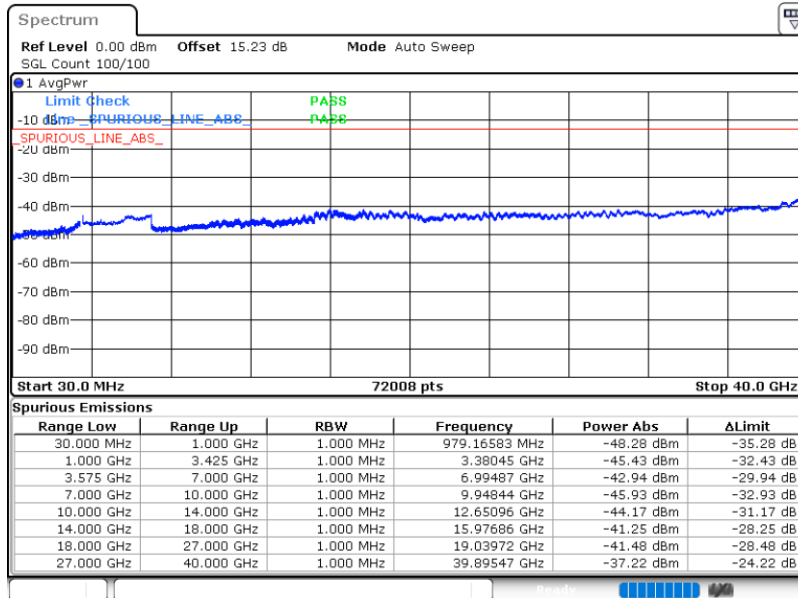


Date: 24.OCT.2023 11:21:21



Date: 24.OCT.2023 11:23:21

Highest Channel



Date: 24.OCT.2023 11:25:21

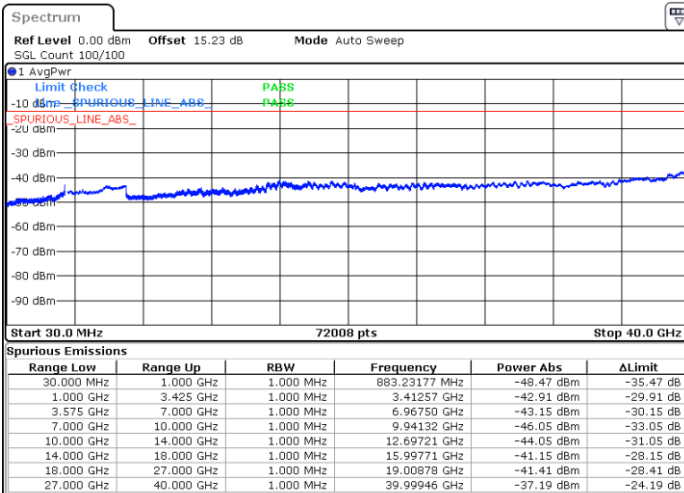


LTE Band 42/ 15MHz

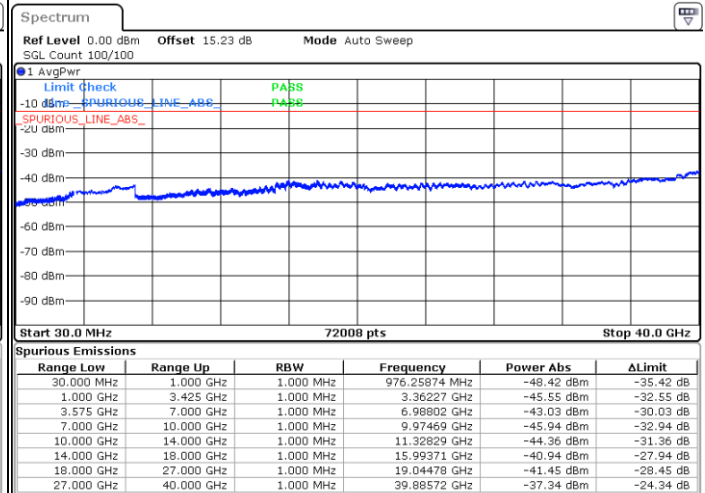
QPSK / 1RB0

Lowest Channel

Middle Channel

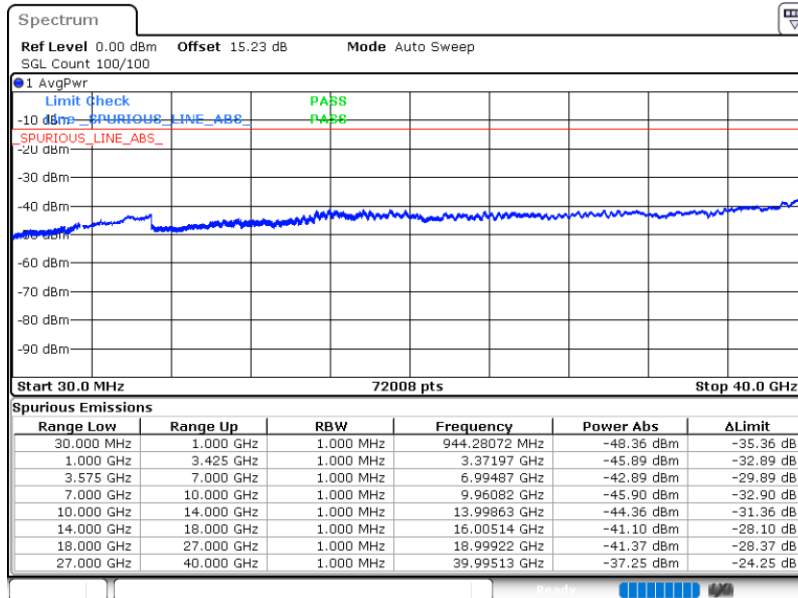


Date: 24.OCT.2023 11:46:14



Date: 24.OCT.2023 12:59:27

Highest Channel



Date: 24.OCT.2023 13:01:27

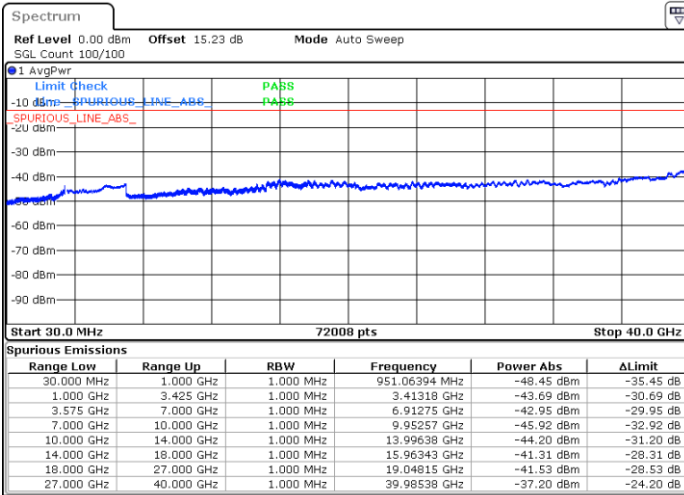


LTE Band 42/ 20MHz

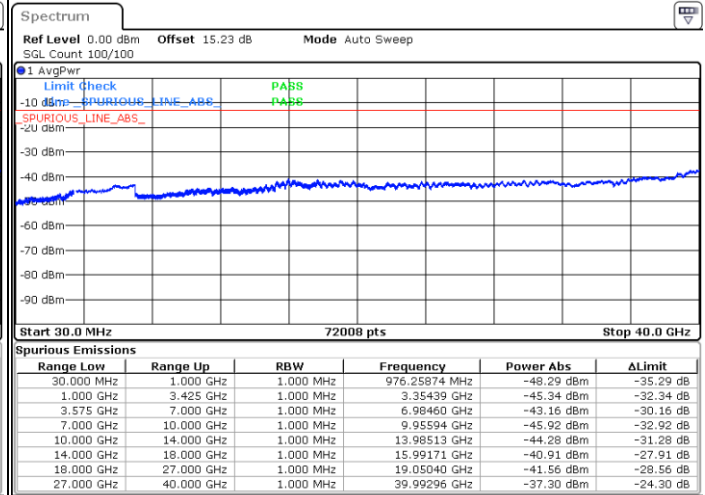
QPSK / 1RB0

Lowest Channel

Middle Channel

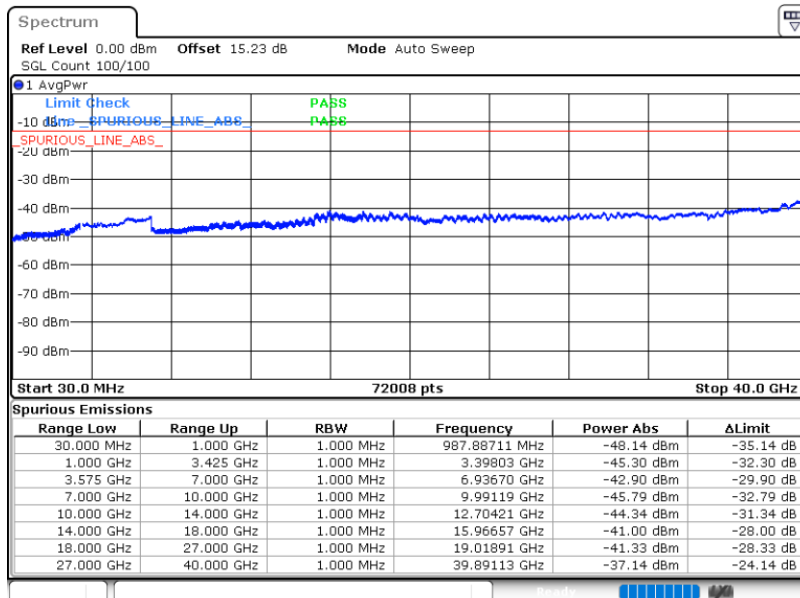


Date: 24.OCT.2023 13:29:51



Date: 24.OCT.2023 13:31:51

Highest Channel



Date: 24.OCT.2023 13:33:51

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0033	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0045	
0	Normal Voltage	0.0076	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0066	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0035	
20	Minimum Voltage	0.0041	

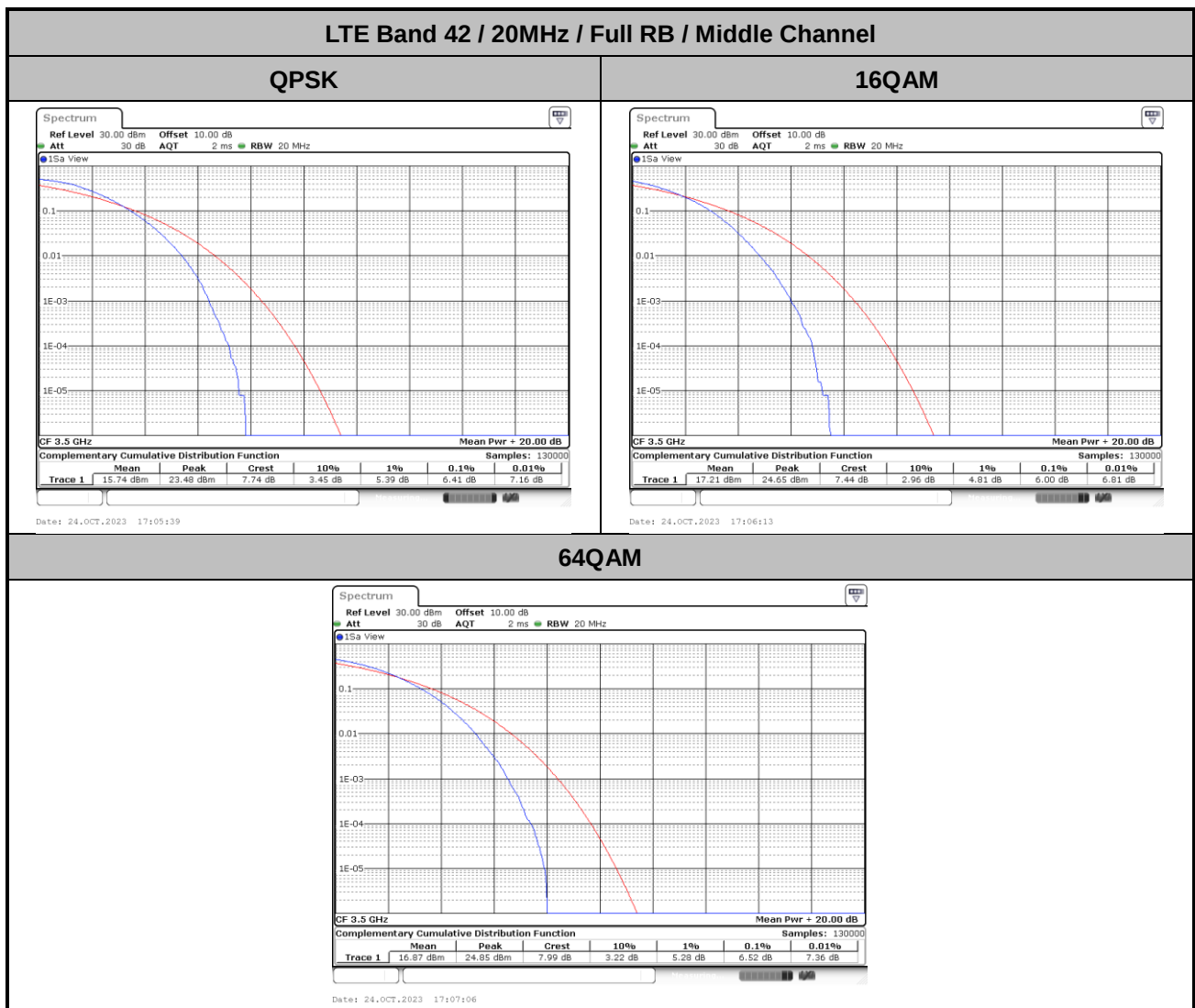
Note:

1. Normal Voltage =52V ; Minimum Voltage =48V ; Maximum Voltage =56V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 42 MIMO Ant.2

Peak-to-Average Ratio

Mode	LTE Band 42 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB			Result
Middle CH	6.41	6.00	6.52	PASS

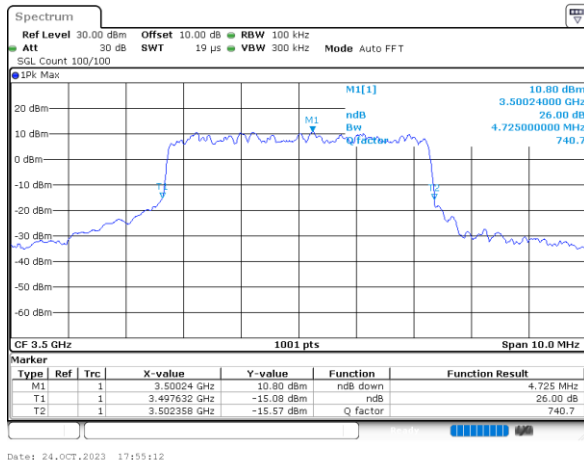


26dB Bandwidth

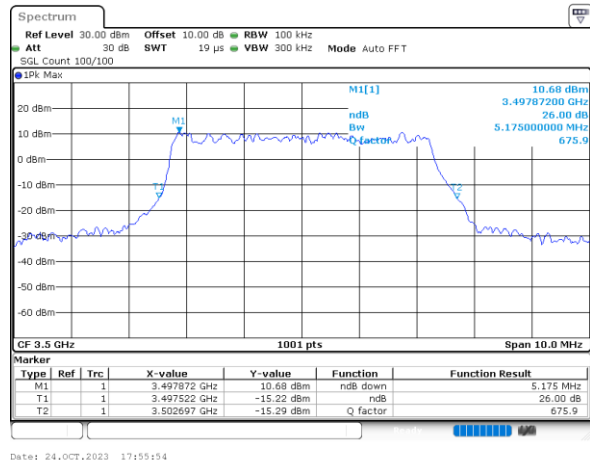
Mode	LTE Band 42 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.73	5.18	9.95	9.67	14.15	14.21	19.02	18.98

LTE Band 42 / Middle channel / Full RB/5M

QPSK

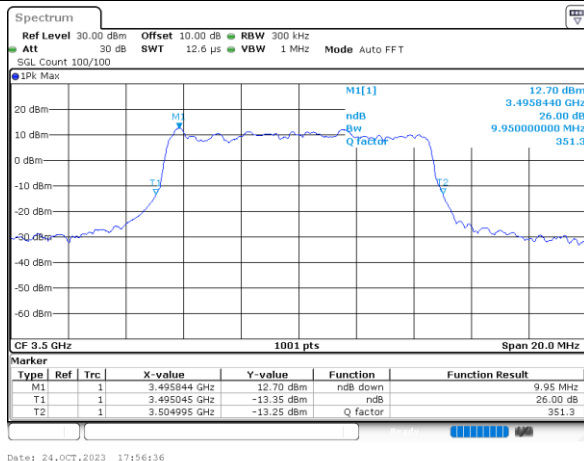


16QAM

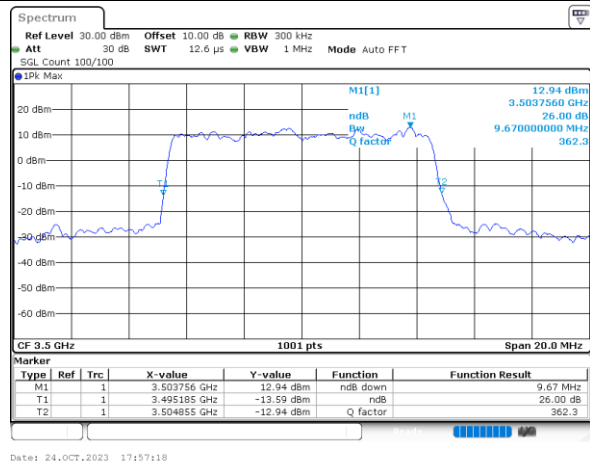


LTE Band 42 / Middle channel / Full RB/10M

QPSK

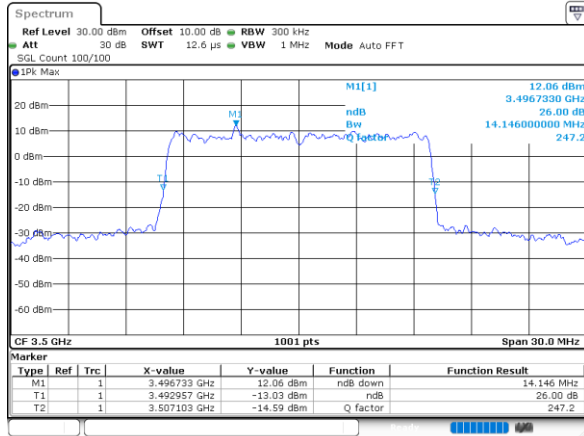


16QAM

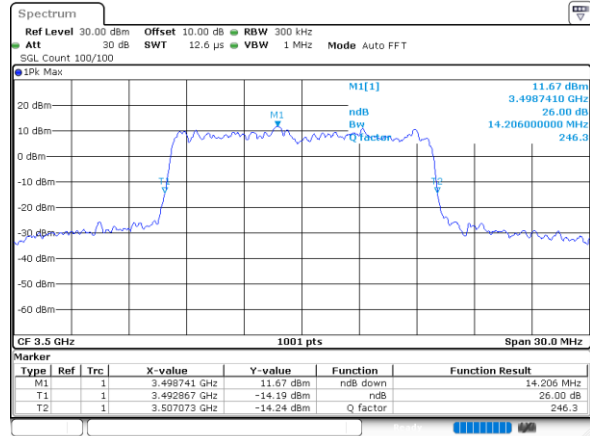


LTE Band 42 / Middle channel / Full RB/15M

QPSK

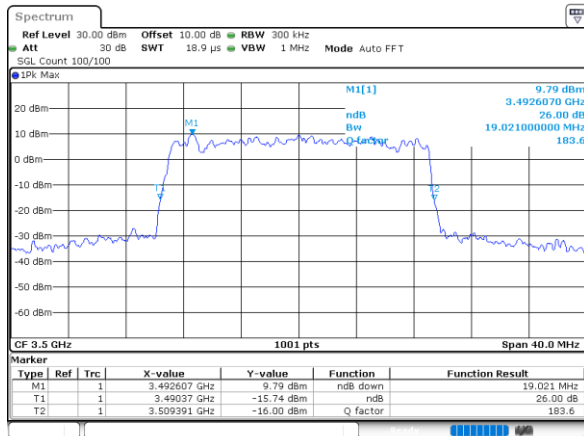


16QAM

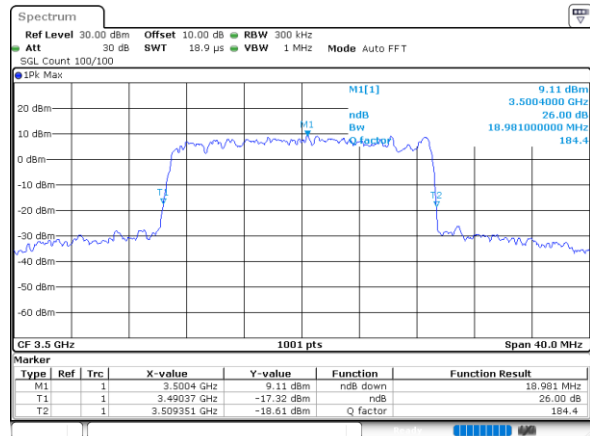


LTE Band 42 / Middle channel / Full RB/20M

QPSK

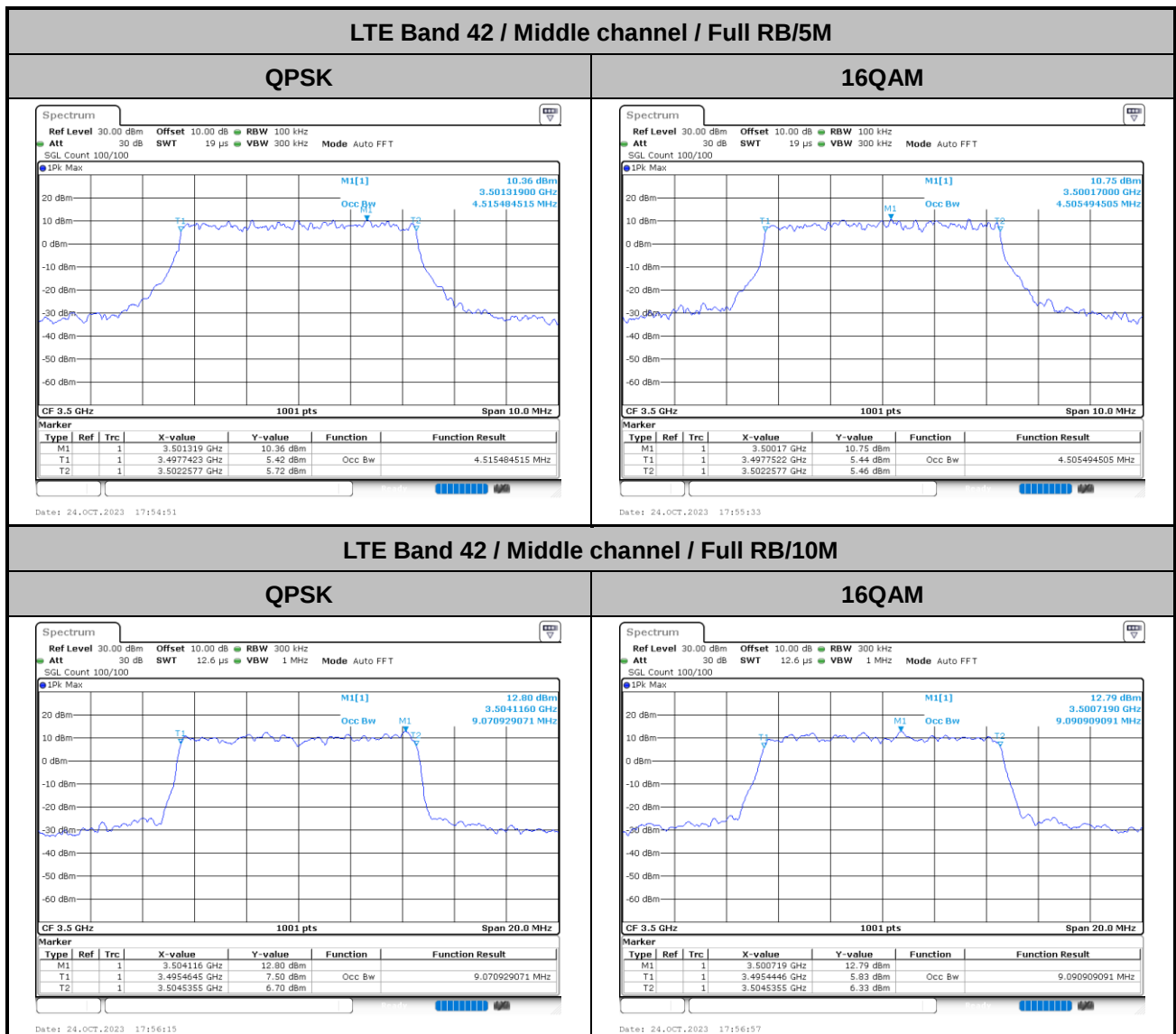


16QAM



Occupied Bandwidth

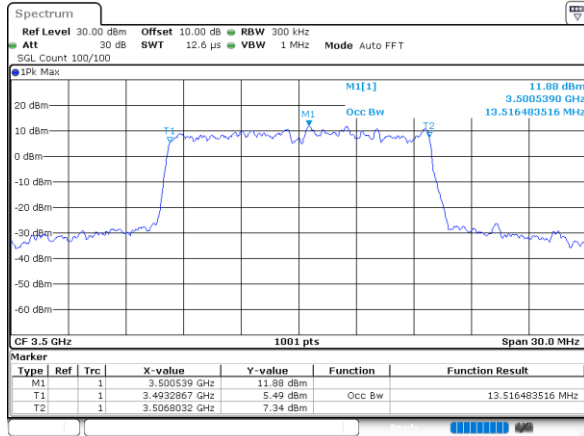
Mode	LTE Band 42 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.52	4.51	9.07	9.09	13.52	13.43	17.86	17.82



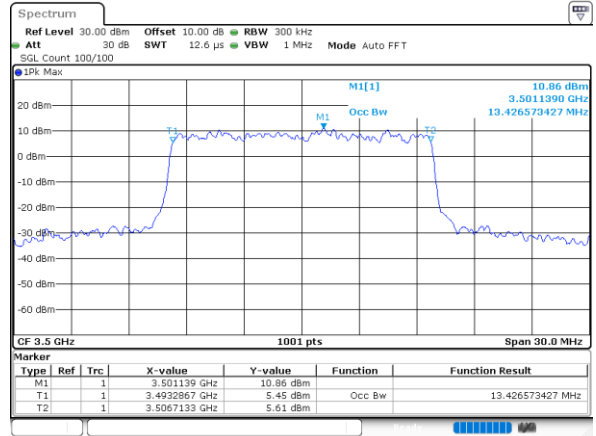


LTE Band 42 / Middle channel / Full RB/15M

QPSK

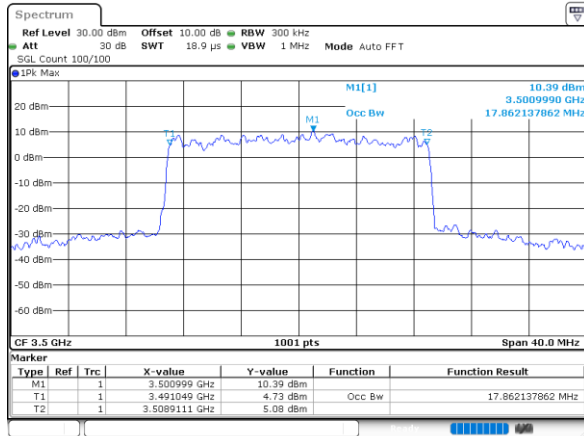


16QAM

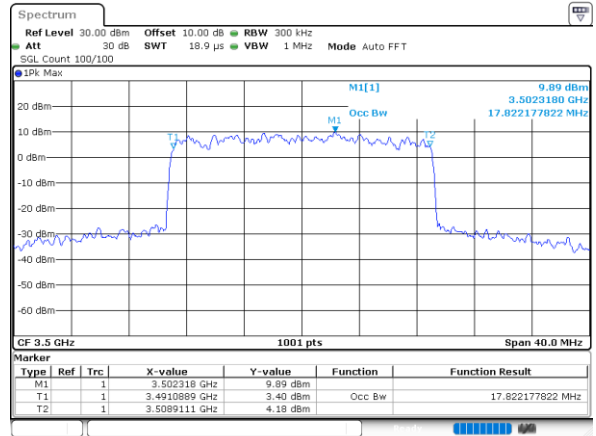


LTE Band 42 / Middle channel / Full RB/20M

QPSK



16QAM



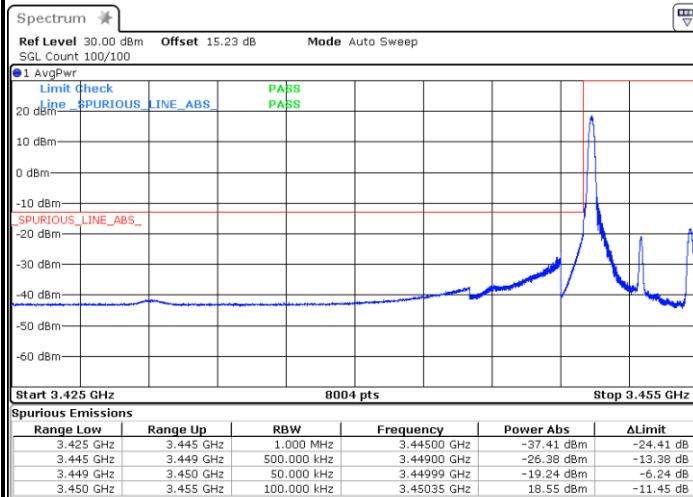


Conducted Band Edge

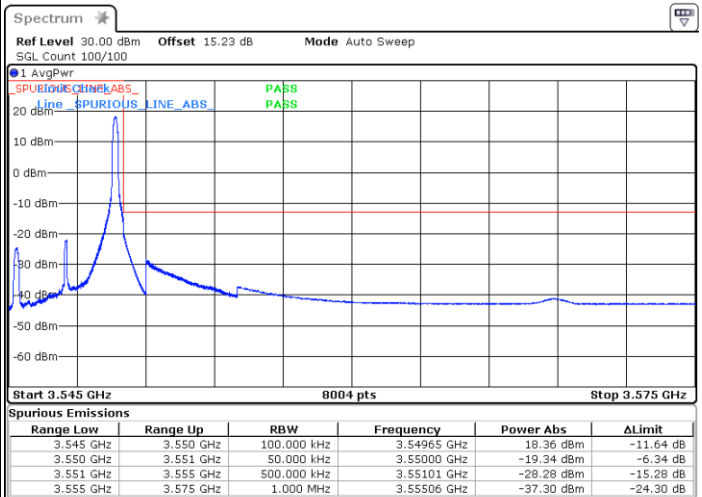
LTE Band 42 / 5MHz

QPSK

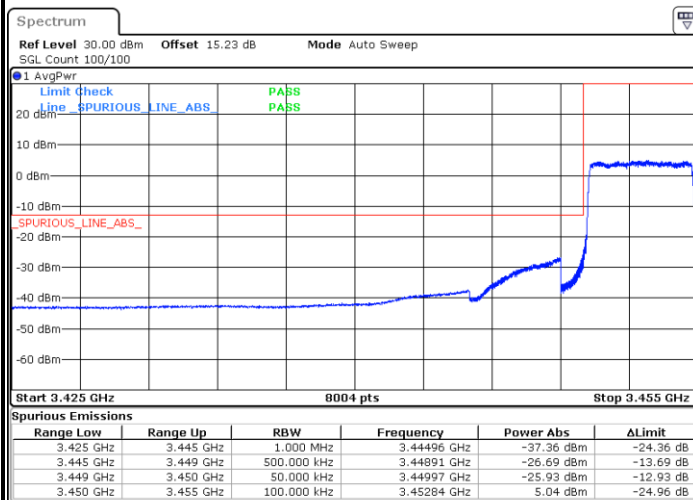
Lowest Channel / 1RB0



Highest Channel / 1RBmax



Lowest Channel / FullRB



Highest Channel / FullRB

