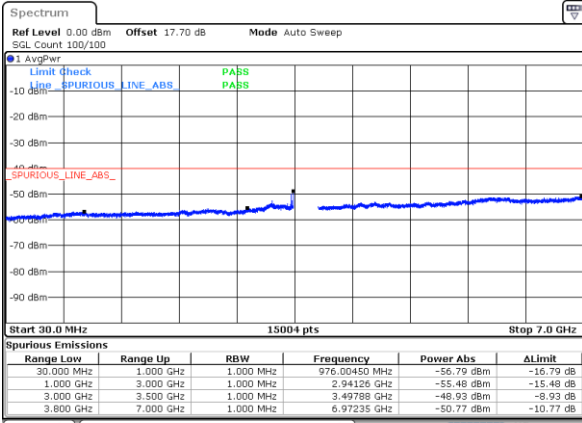


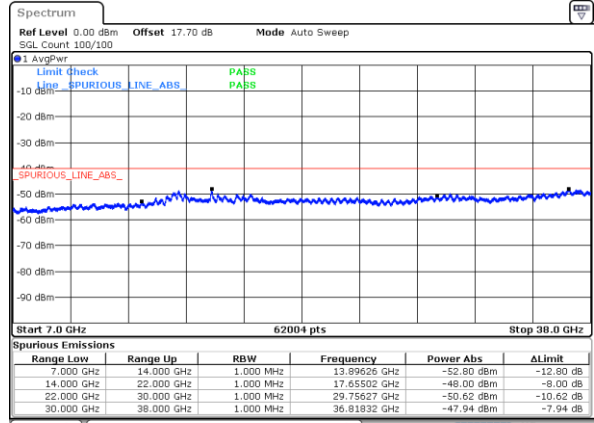


LTE Band 48 / 10MHz

Lowest Channel / QPSK

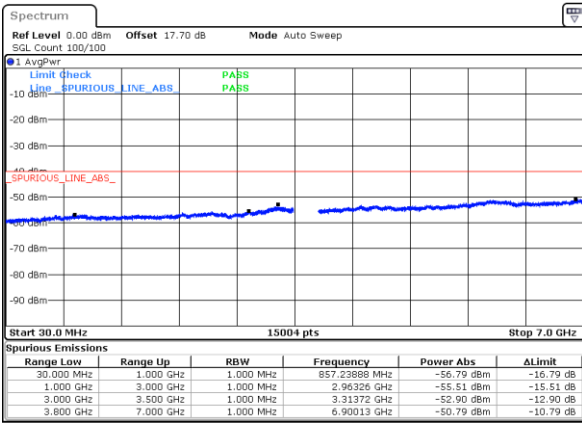


Date: 11.JUN.2025 19:36:31

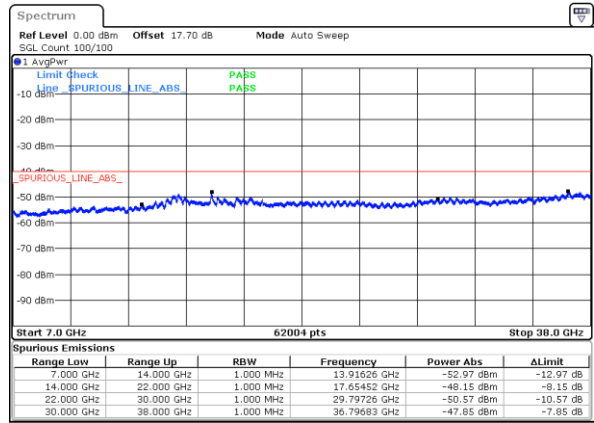


Date: 23.JUN.2025 12:31:34

Middle Channel / QPSK

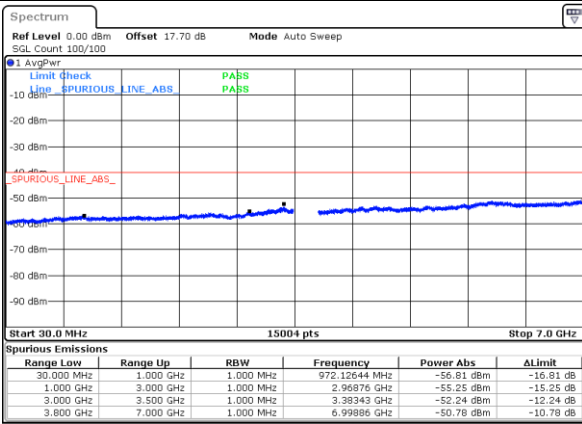


Date: 11.JUN.2025 19:37:53

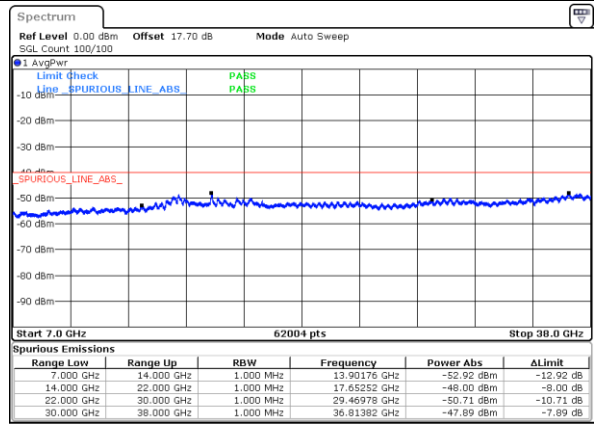


Date: 23.JUN.2025 12:32:57

Highest Channel / QPSK



Date: 11.JUN.2025 19:39:15

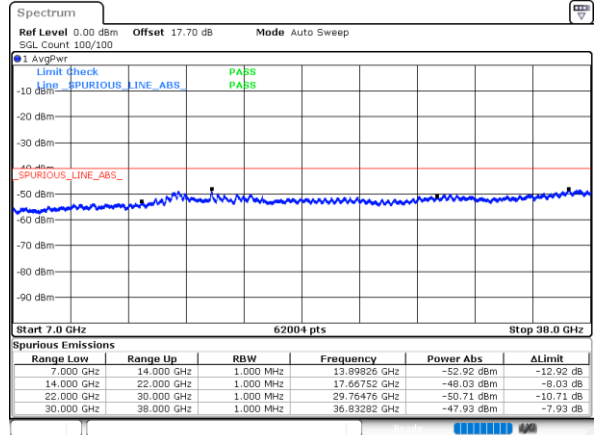
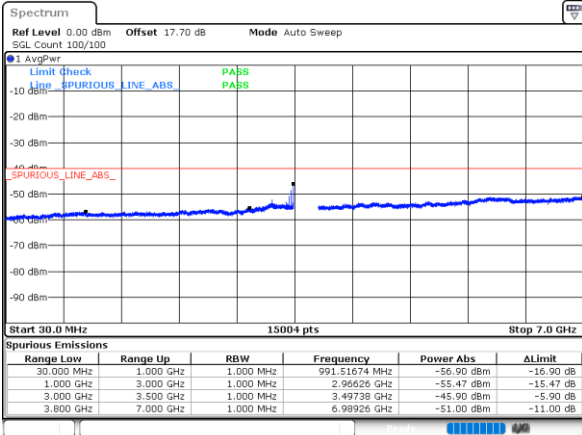


Date: 23.JUN.2025 12:34:20

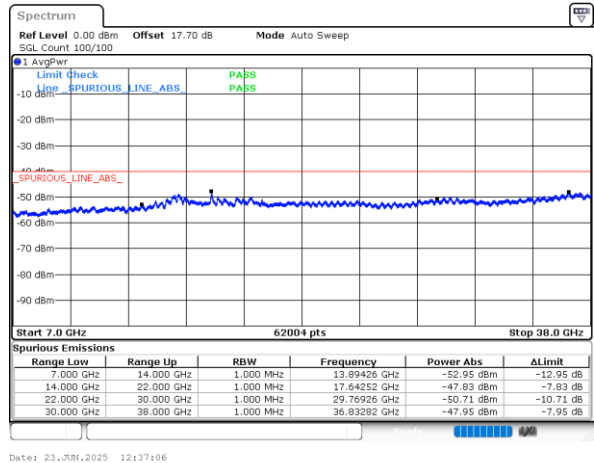
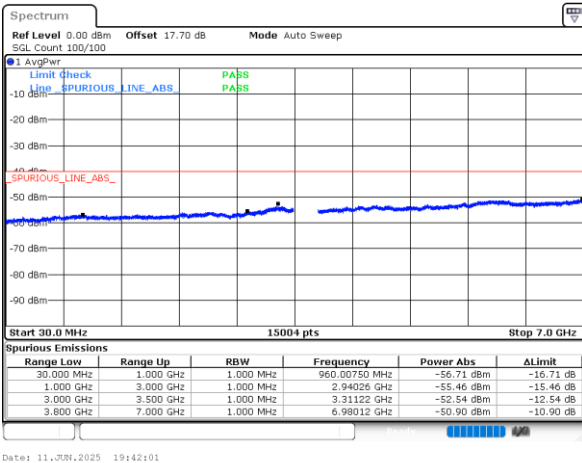


LTE Band 48 / 15MHz

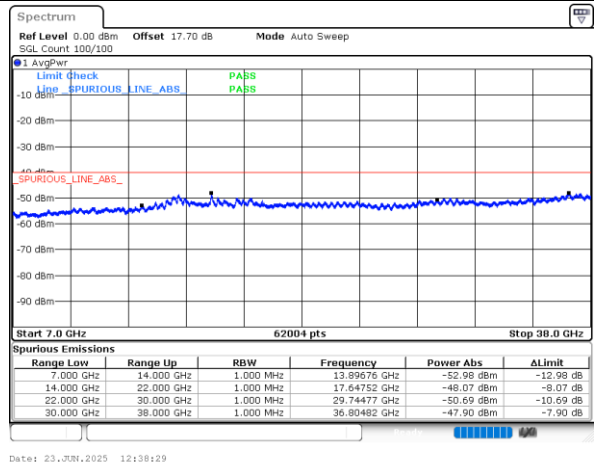
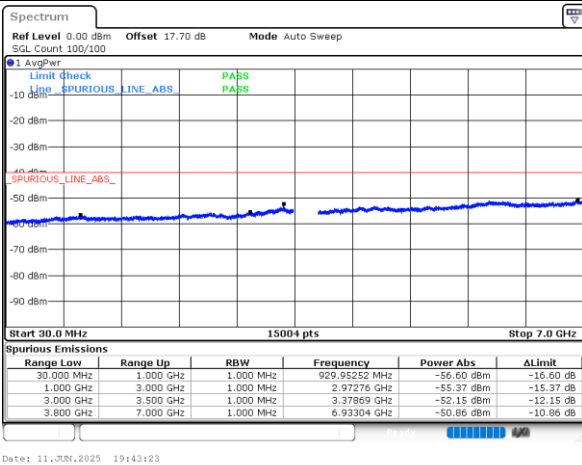
Lowest Channel / QPSK



Middle Channel / QPSK



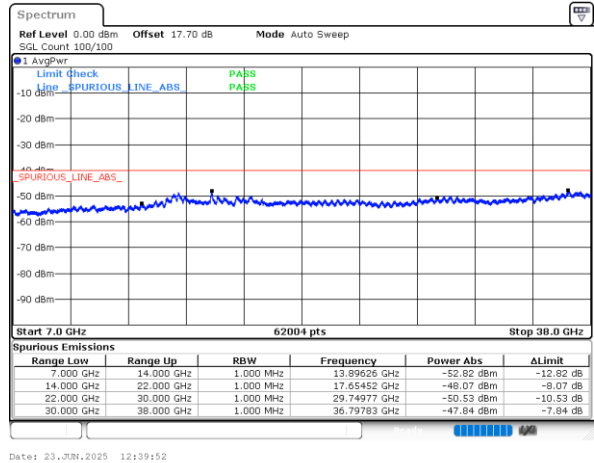
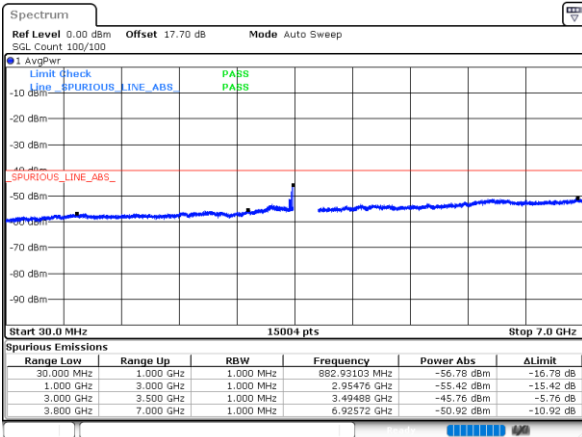
Highest Channel / QPSK



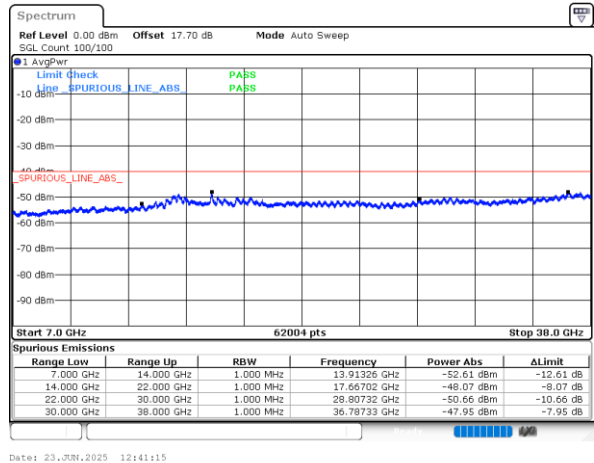
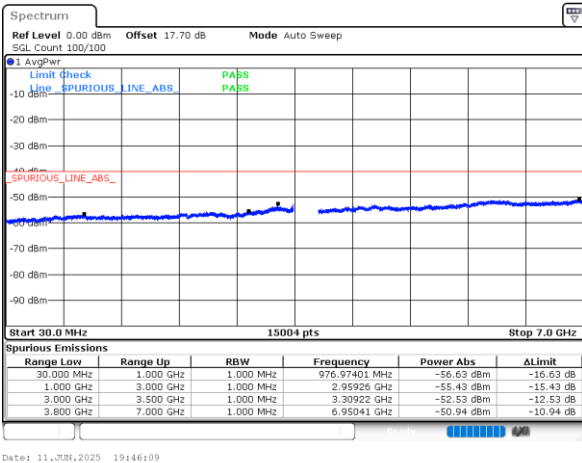


LTE Band 48 / 20MHz

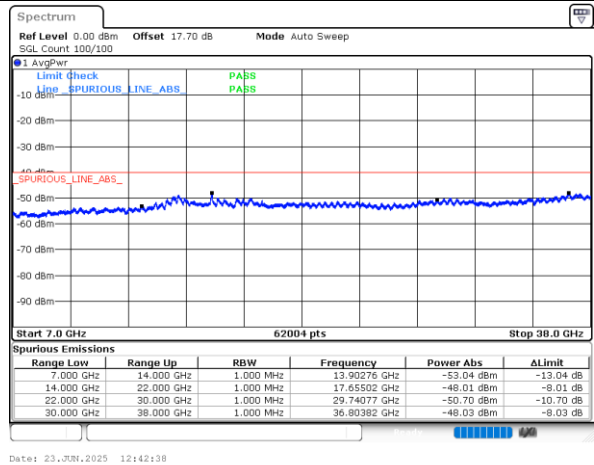
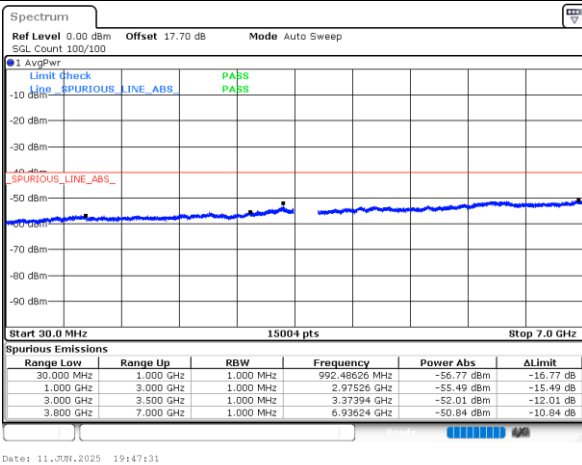
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK



Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0034	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0023	

Note:

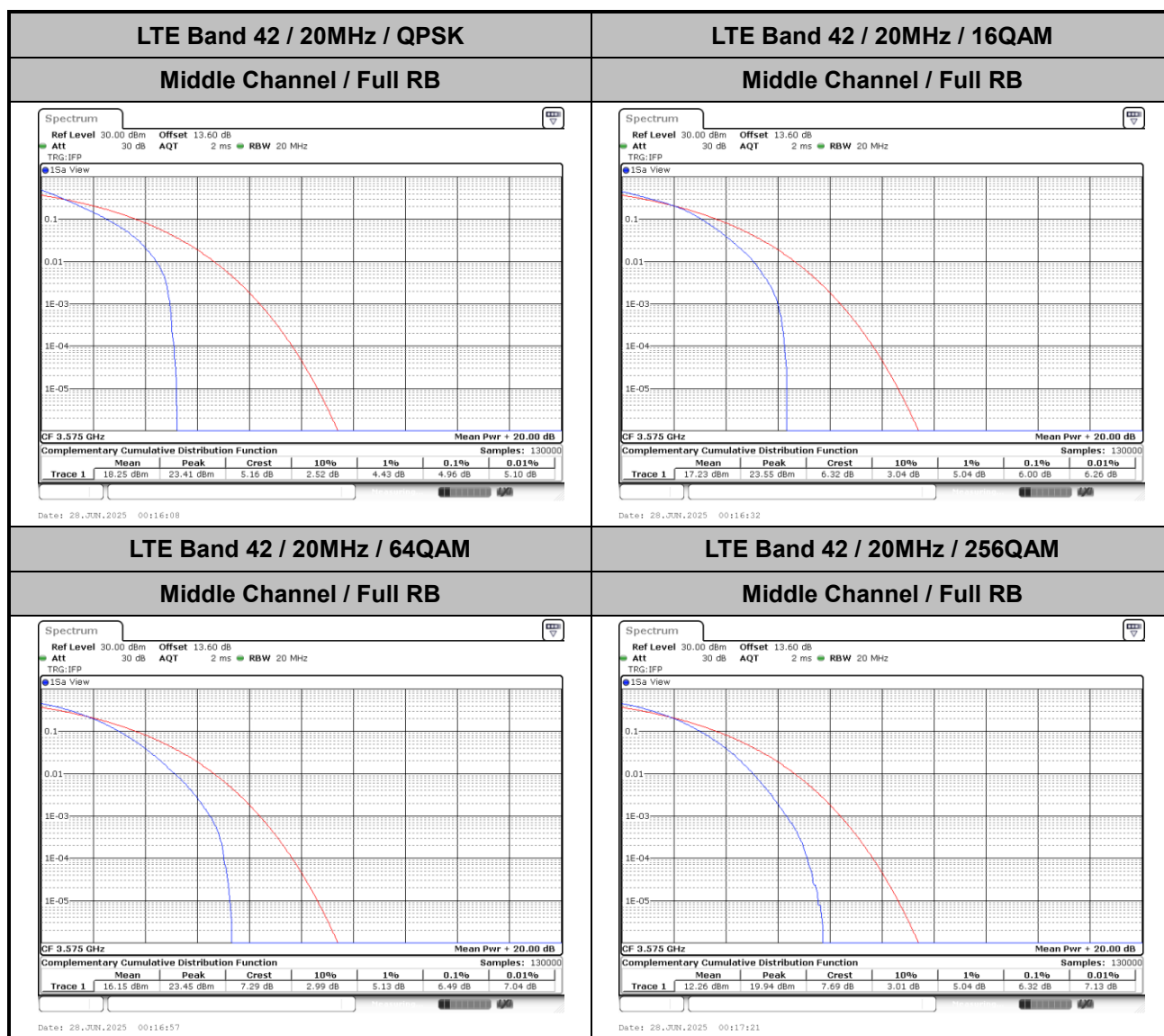
1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 42

Peak-to-Average Ratio

Mode	LTE Band 42 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.96	6.00	6.49	6.32	PASS



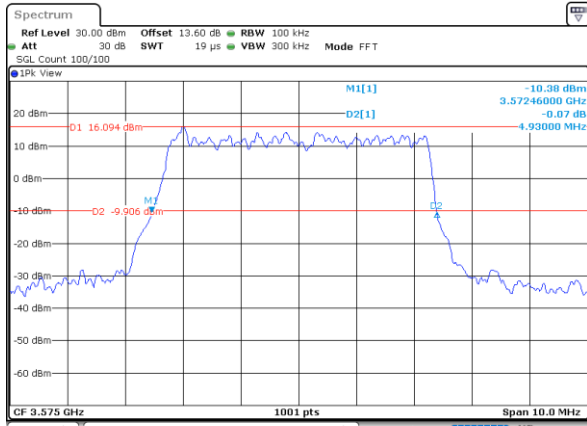
**26dB Bandwidth**

Mode	LTE Band 42 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.93	4.94	10.10	9.96	14.34	14.22	18.76	19.00
Mode	LTE Band 42 : 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	-	-	-	-	5.17	5.04	9.80	9.84	14.25	14.61	18.84	18.92

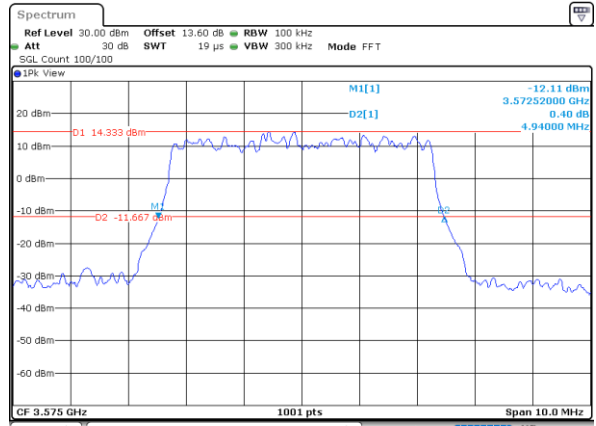


LTE Band 42

Middle Channel / 5MHz / QPSK



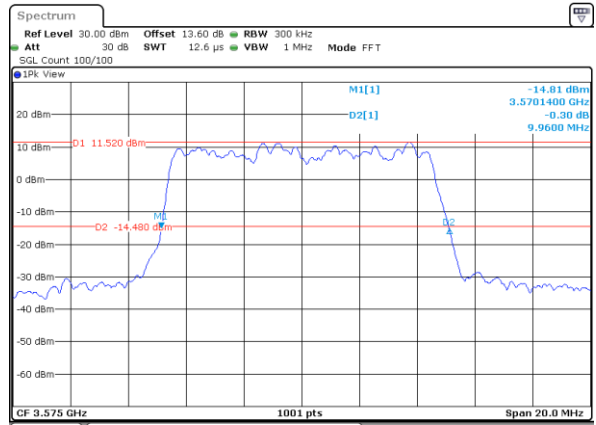
Middle Channel / 5MHz / 16QAM



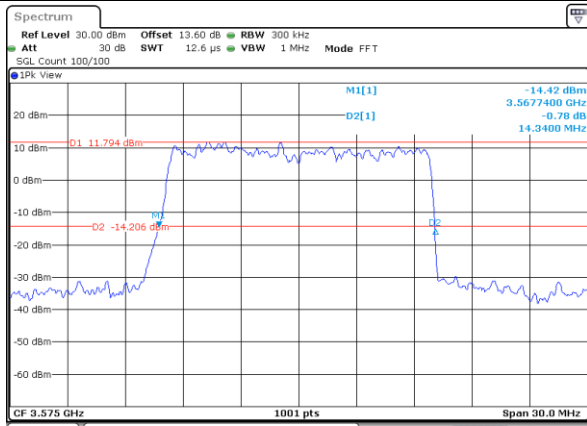
Middle Channel / 10MHz / QPSK



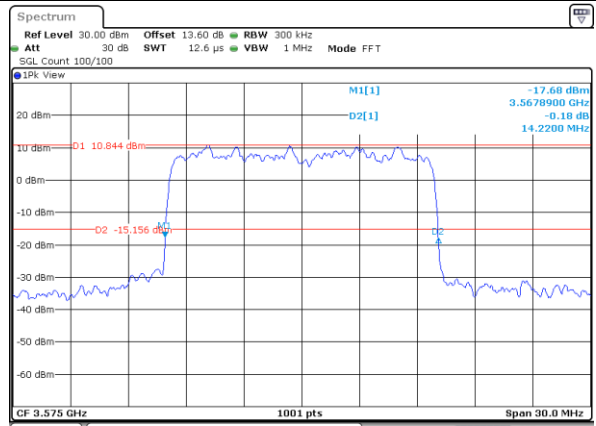
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



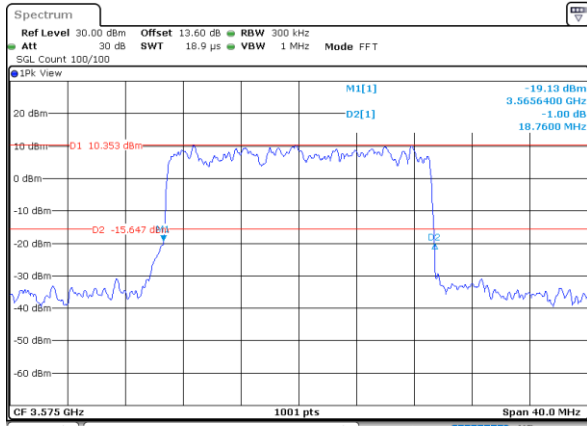
Middle Channel / 15MHz / 16QAM



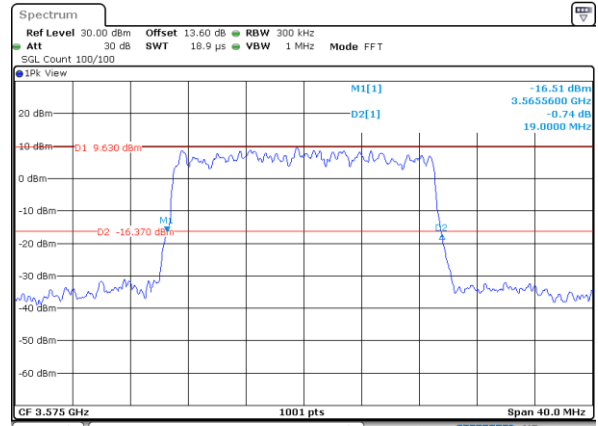


LTE Band 42

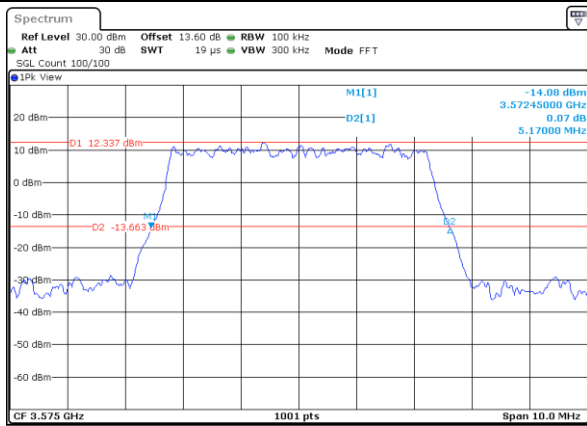
Middle Channel / 20MHz / QPSK



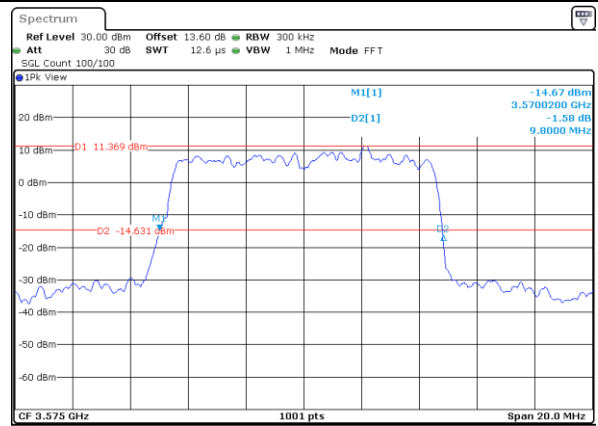
Middle Channel / 20MHz / 16QAM



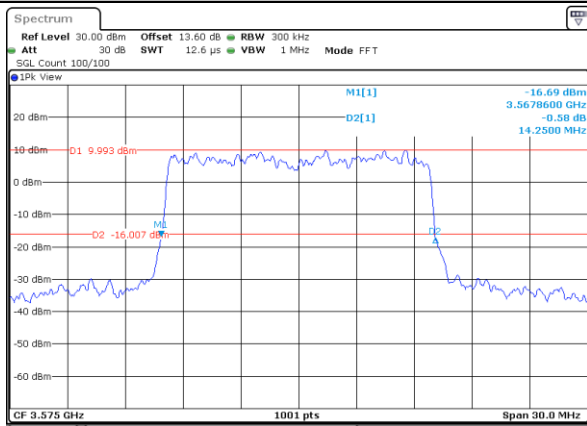
Middle Channel / 5MHz / 64QAM



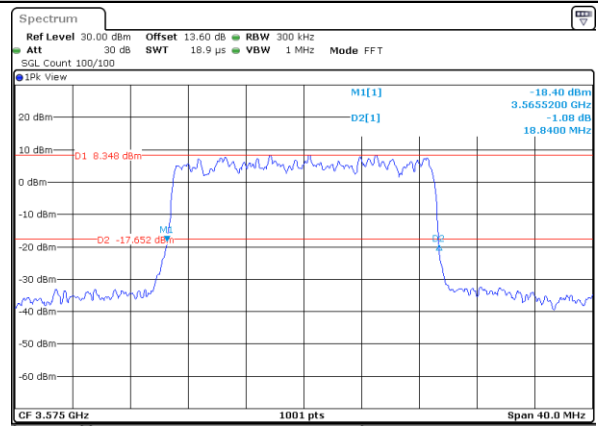
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



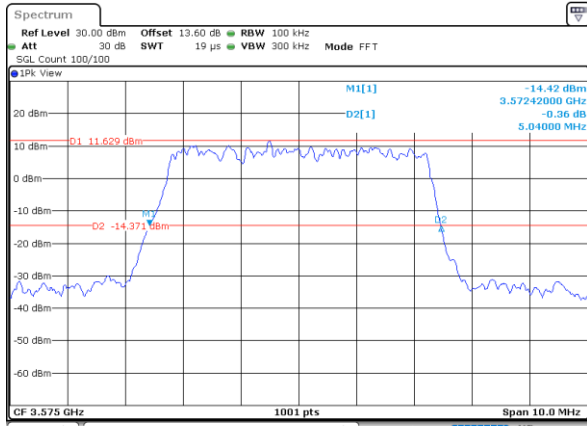
Middle Channel / 20MHz / 64QAM





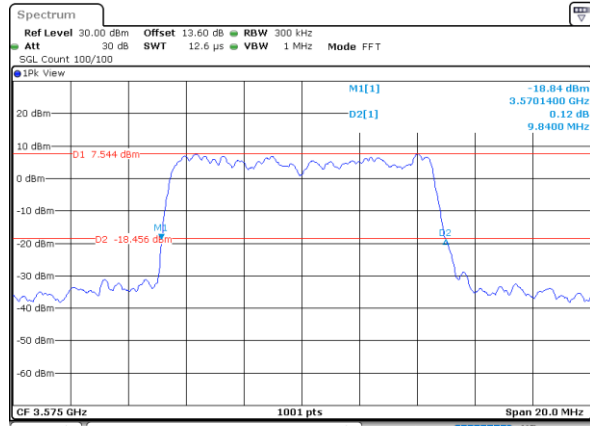
LTE Band 42

Middle Channel / 5MHz / 256QAM



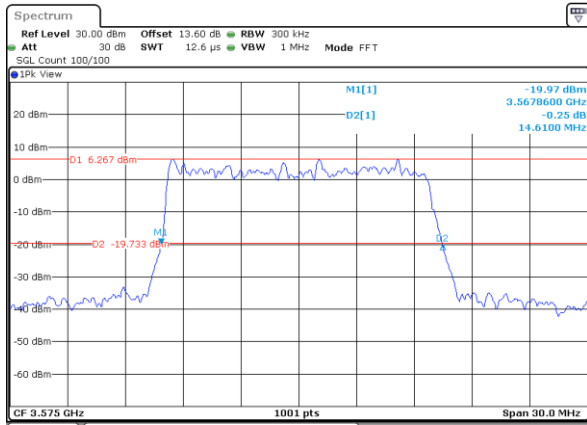
Date: 28 JUN 2025 00:06:54

Middle Channel / 10MHz / 256QAM



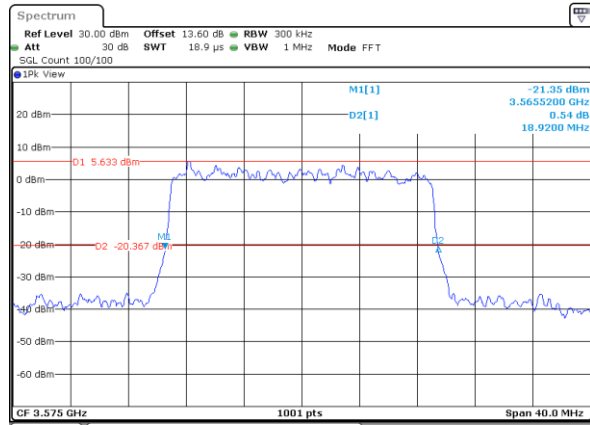
Date: 28 JUN 2025 00:10:37

Middle Channel / 15MHz / 256QAM



Date: 28 JUN 2025 00:25:52

Middle Channel / 20MHz / 256QAM



Date: 28 JUN 2025 00:15:41

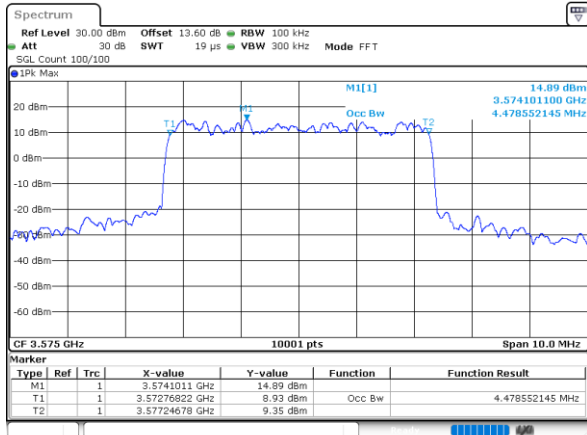
**Occupied Bandwidth**

Mode	LTE Band 42 : 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	-	-	-	-	4.47	4.48	9.08	9.02	13.50	13.42	17.82	17.83
Mode	LTE Band 42 : 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	-	-	-	-	4.47	4.49	9.06	9.02	13.50	13.45	17.95	17.87

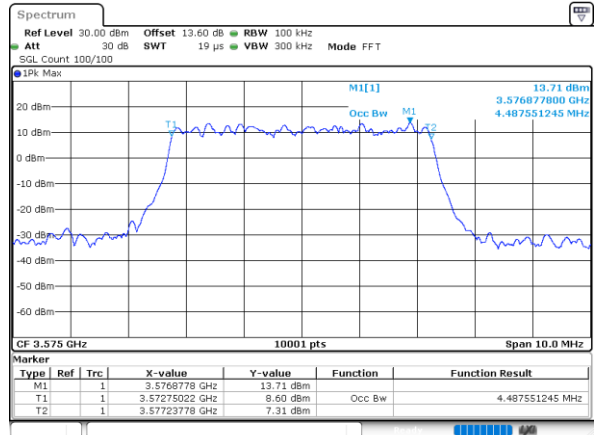


LTE Band 42

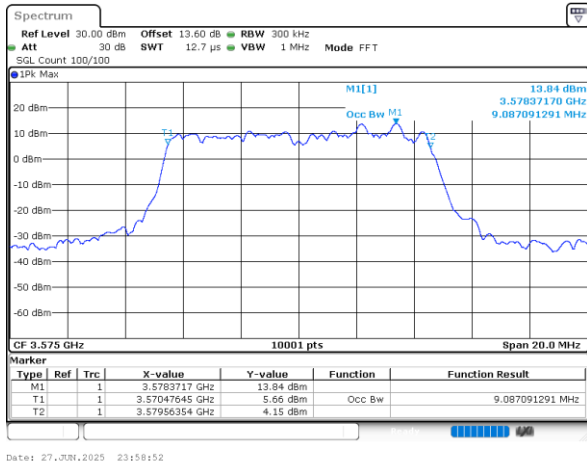
Middle Channel / 5MHz / QPSK



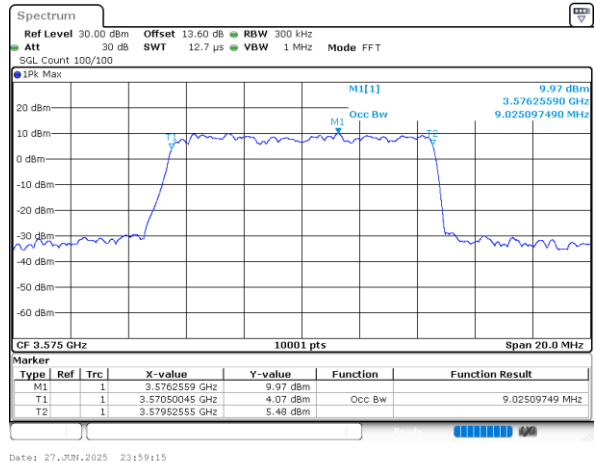
Middle Channel / 5MHz / 16QAM



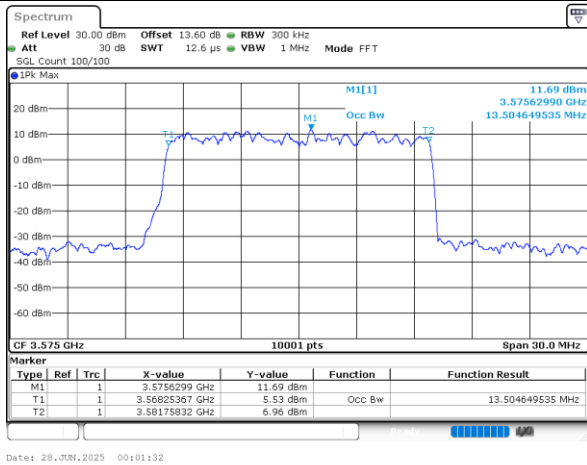
Middle Channel / 10MHz / QPSK



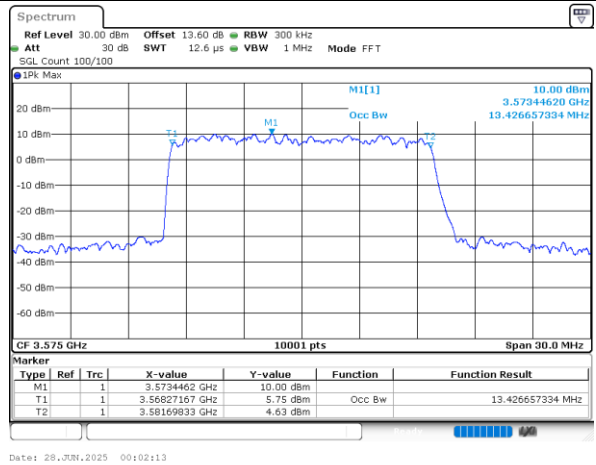
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



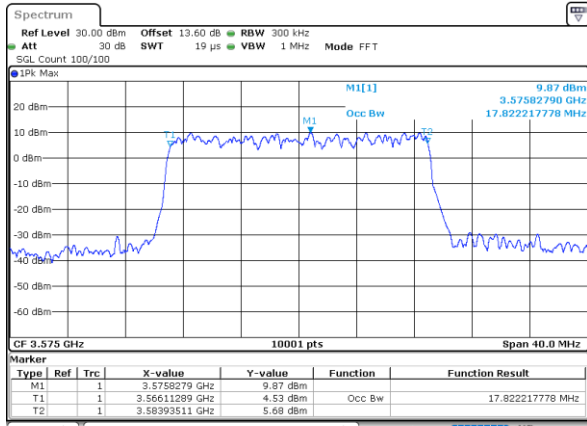
Middle Channel / 15MHz / 16QAM



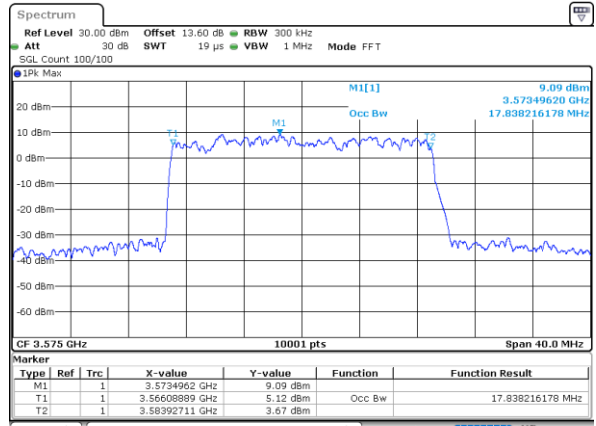


LTE Band 42

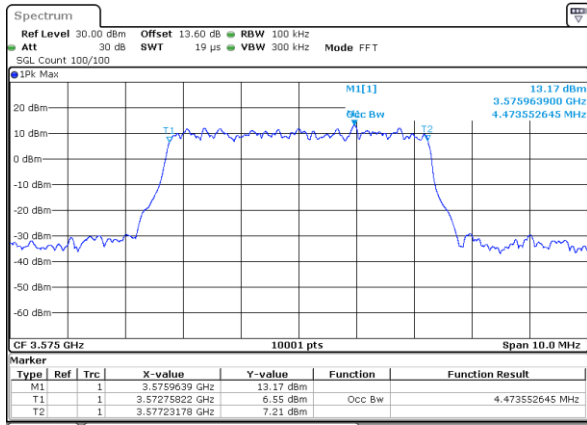
Middle Channel / 20MHz / QPSK



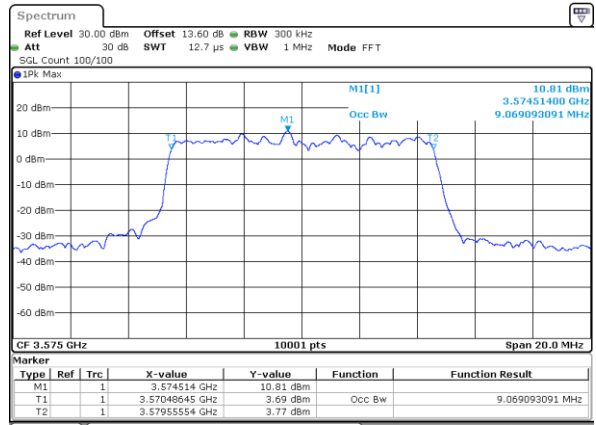
Middle Channel / 20MHz / 16QAM



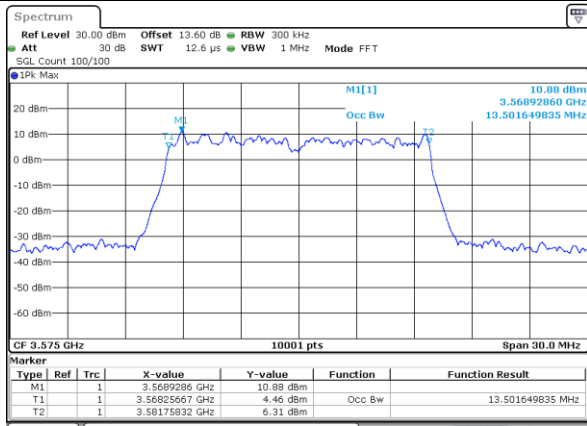
Middle Channel / 5MHz / 64QAM



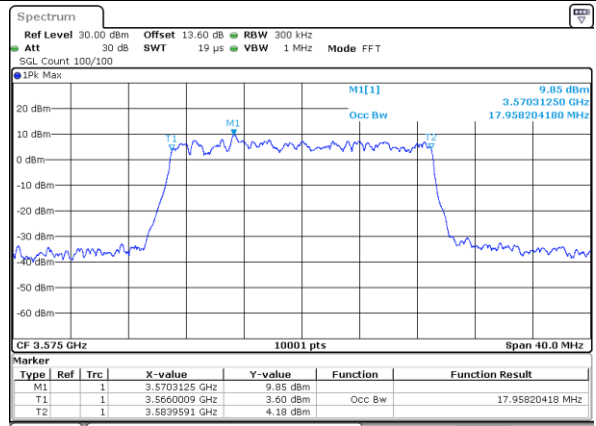
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



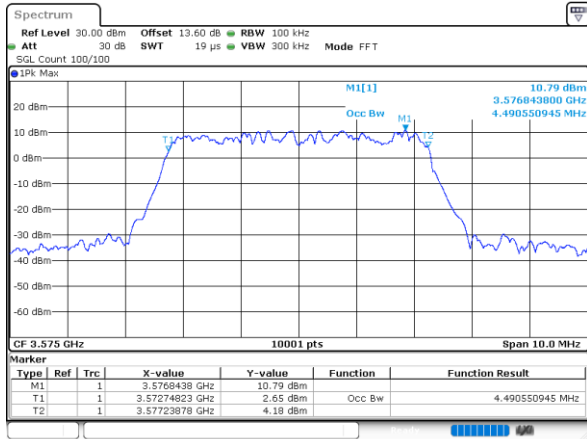
Middle Channel / 20MHz / 64QAM



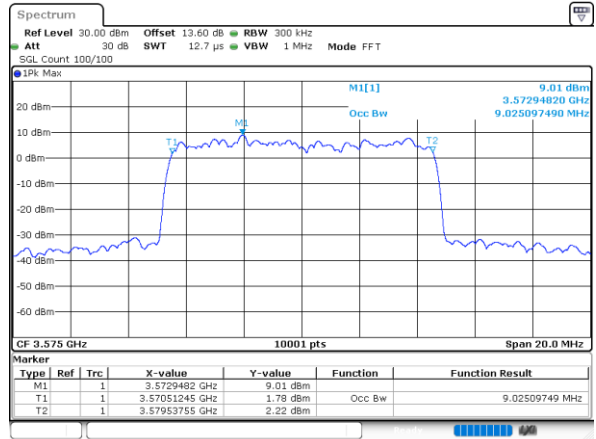


LTE Band 42

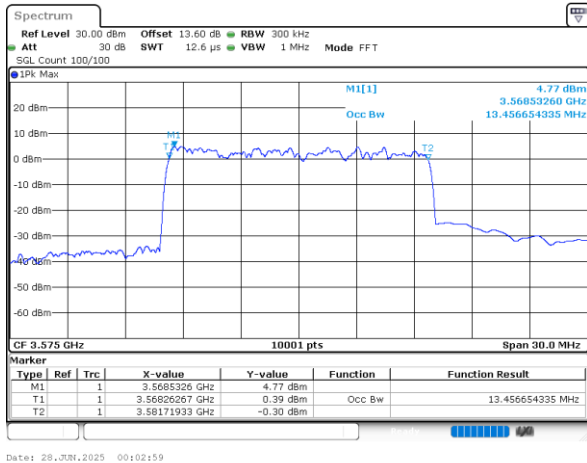
Middle Channel / 5MHz / 256QAM



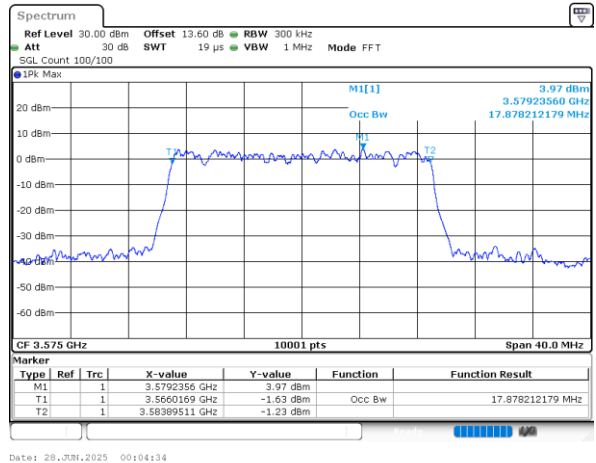
Middle Channel / 10MHz / 256QAM

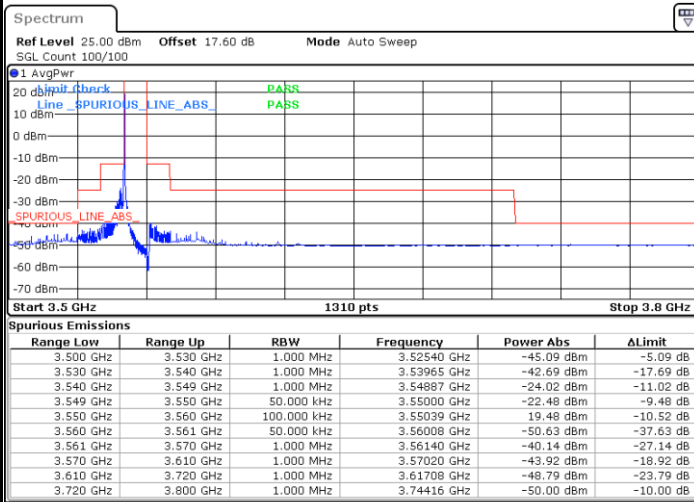


Middle Channel / 15MHz / 256QAM

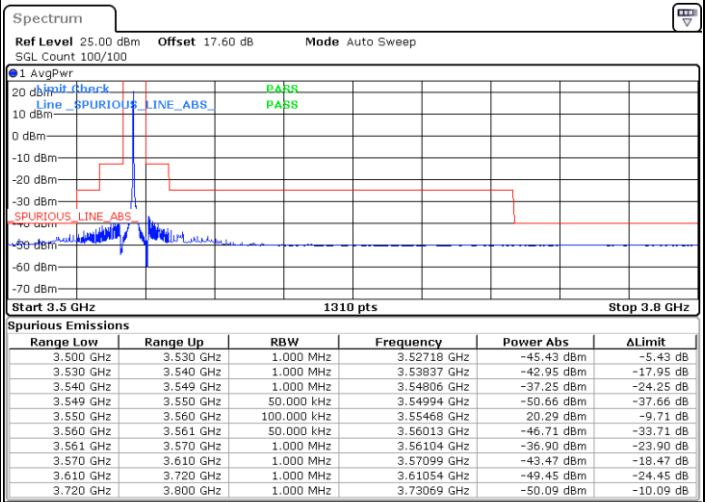


Middle Channel / 20MHz / 256QAM

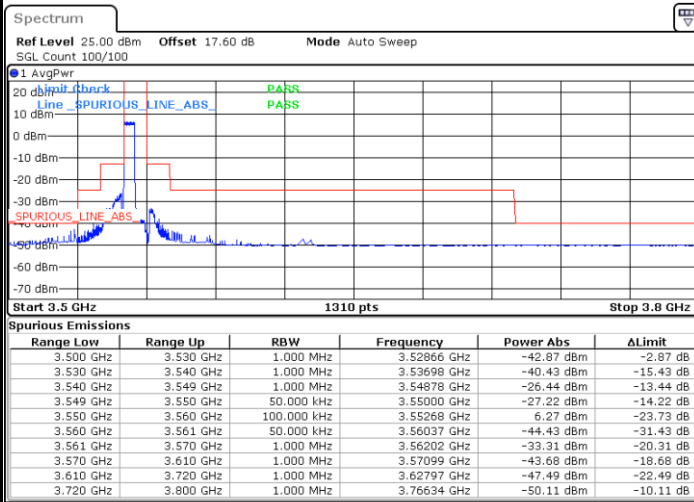


**Conducted Band Edge****LTE Band 42 / 5MHz****QPSK****Lowest Channel / 1RB0**

Date: 27.JUN.2025 20:41:56

Lowest Channel / 1RBmax

Date: 27.JUN.2025 20:46:48

Lowest Channel / FullIRB

Date: 27.JUN.2025 20:51:40

N/A

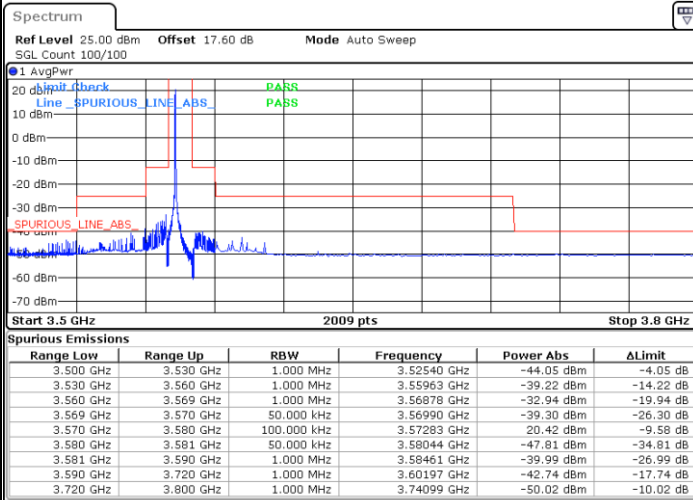


LTE Band 42 / 5MHz

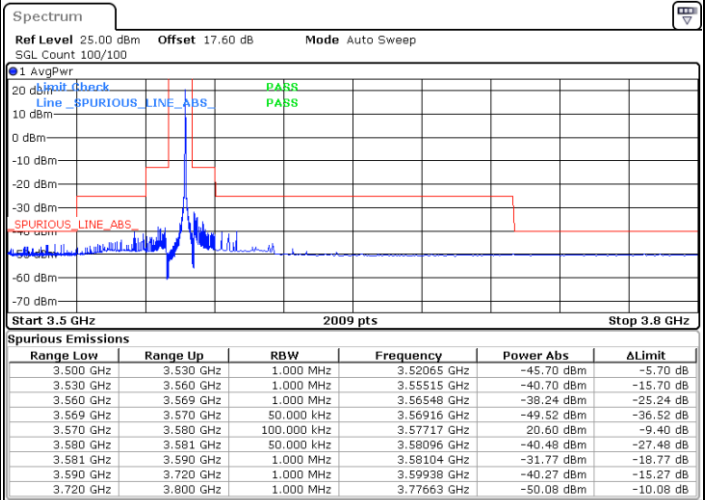
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



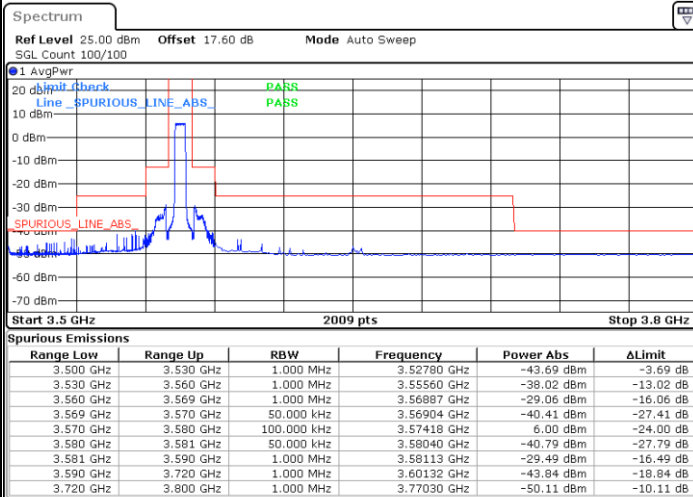
Date: 27.JUN.2025 21:06:19



Date: 27.JUN.2025 21:01:24

Middle Channel / FullRB

N/A



Date: 27.JUN.2025 20:56:30

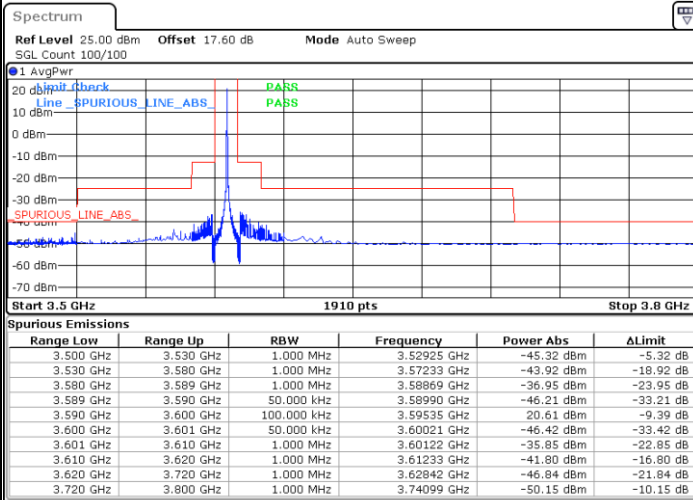


LTE Band 42 / 5MHz

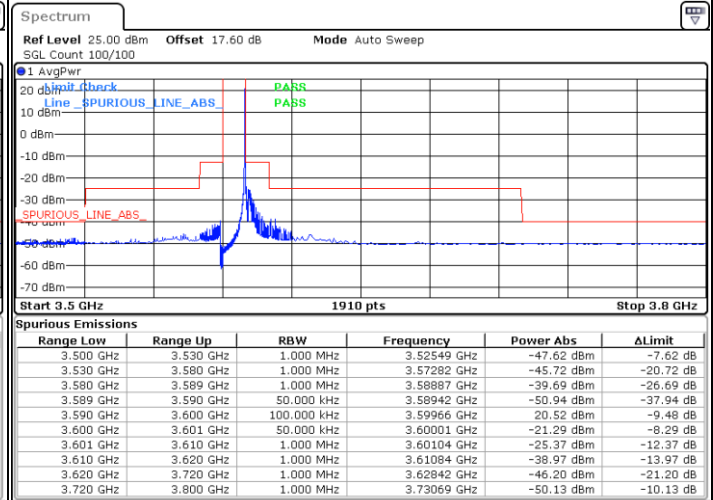
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



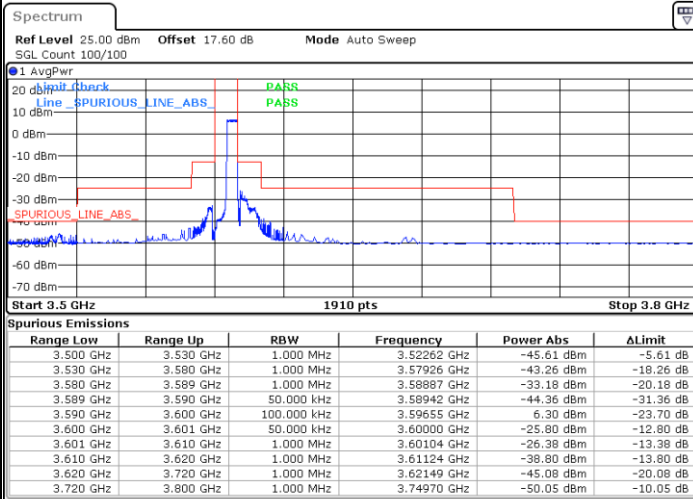
Date: 27.JUN.2025 21:11:09



Date: 27.JUN.2025 21:16:04

Highest Channel / FullIRB

N/A



Date: 27.JUN.2025 21:20:57

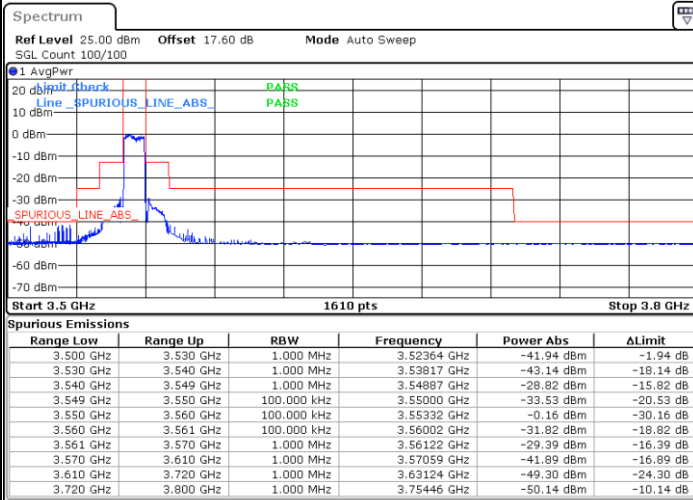


LTE Band 42 / 10MHz

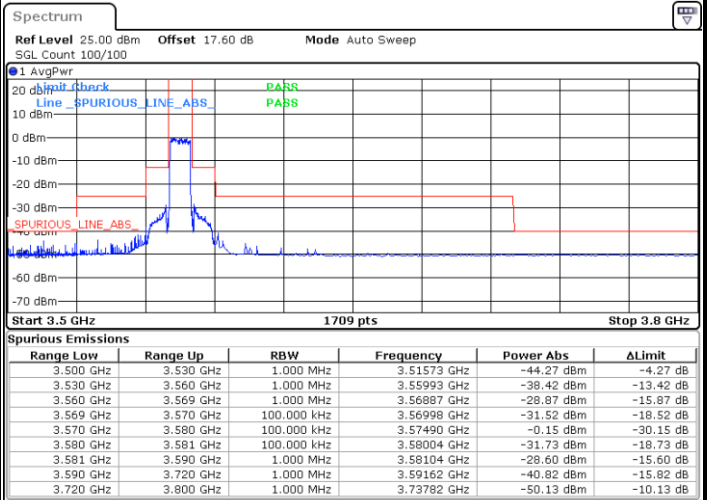
QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB



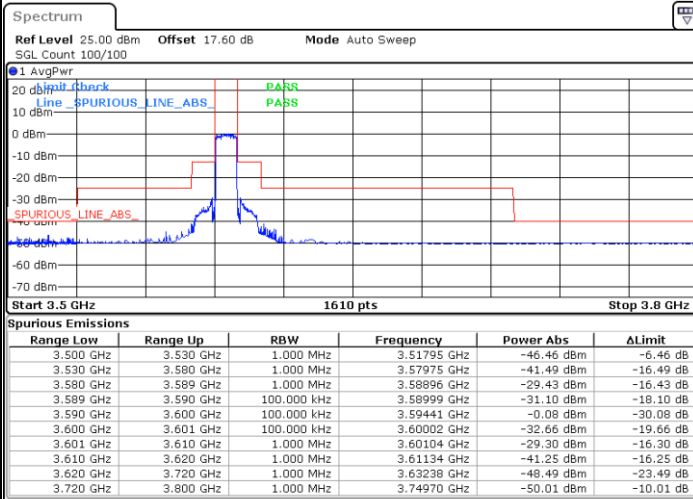
Date: 28.JUN.2025 00:33:00



Date: 27.JUN.2025 21:30:46

Highest Channel / FullIRB

N/A



Date: 27.JUN.2025 21:35:40

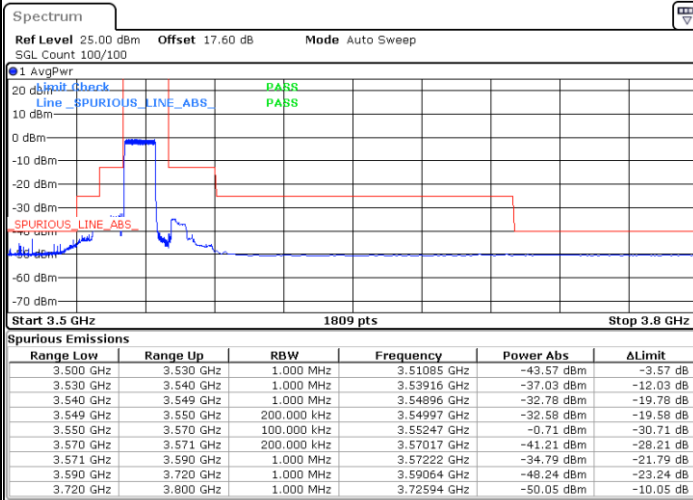


LTE Band 42 / 15MHz

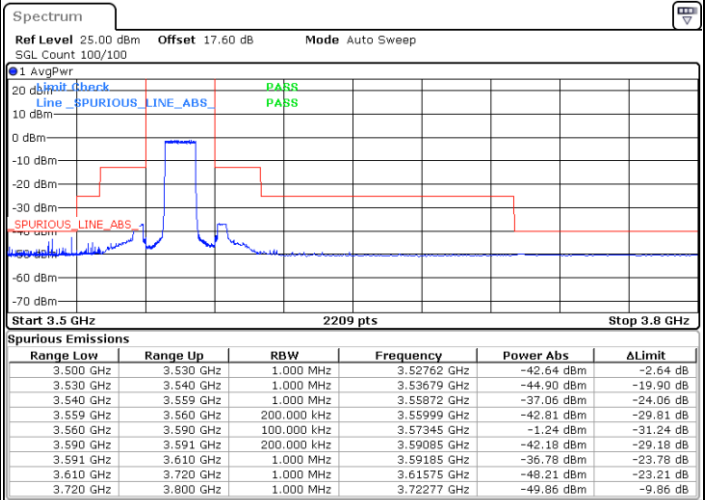
QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB



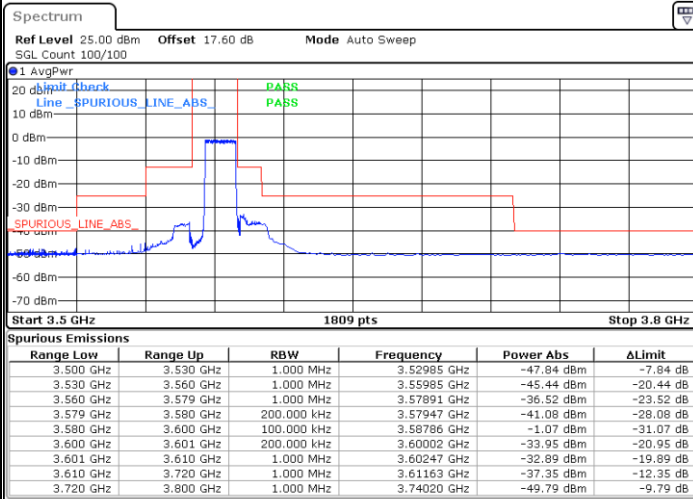
Date: 27.JUN.2025 21:40:35



Date: 27.JUN.2025 21:45:30

Highest Channel / FullIRB

N/A



Date: 27.JUN.2025 21:50:24

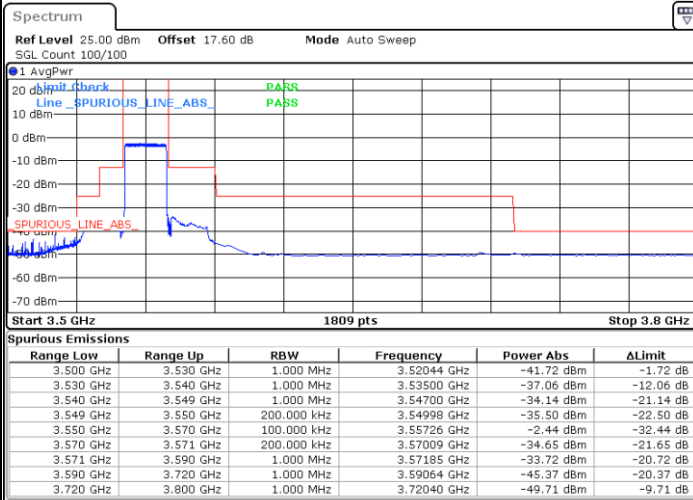


LTE Band 42 / 20MHz

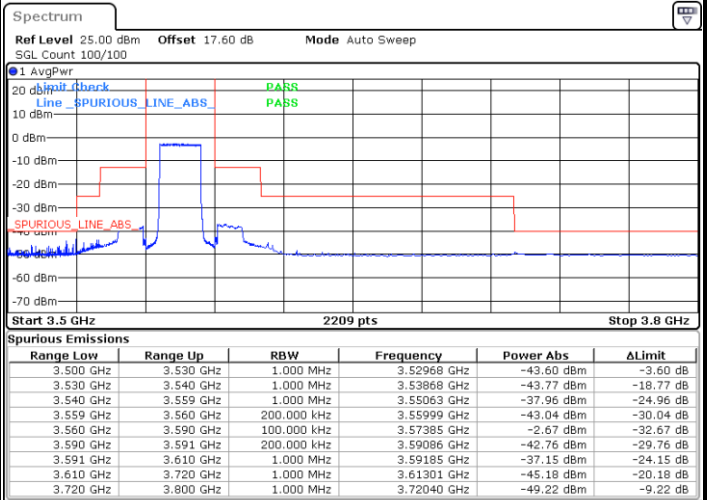
QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB



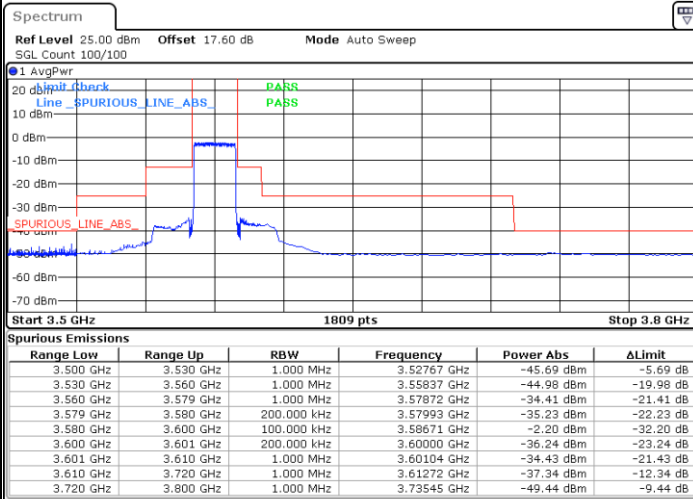
Date: 27.JUN.2025 22:30:17



Date: 27.JUN.2025 22:49:46

Highest Channel / FullIRB

N/A



Date: 27.JUN.2025 22:58:03

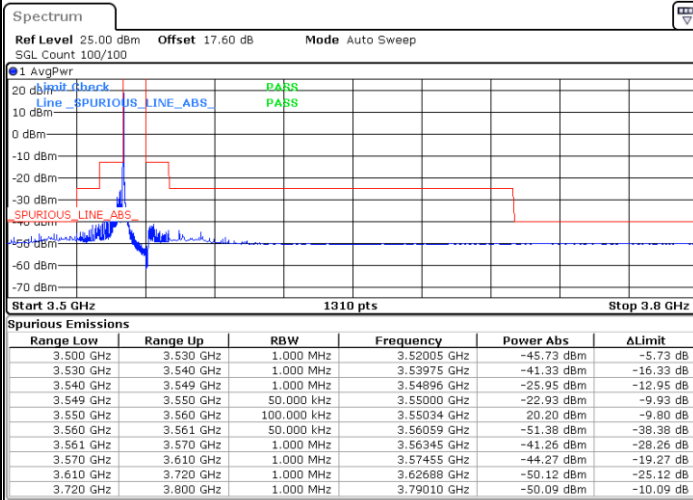


LTE Band 42 / 5MHz

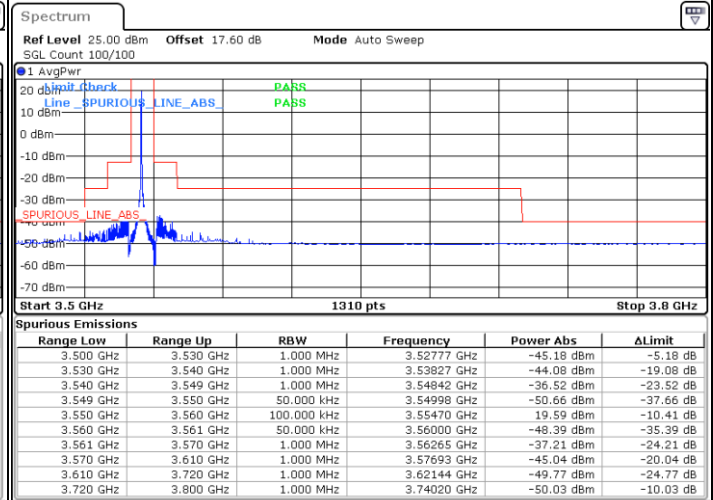
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



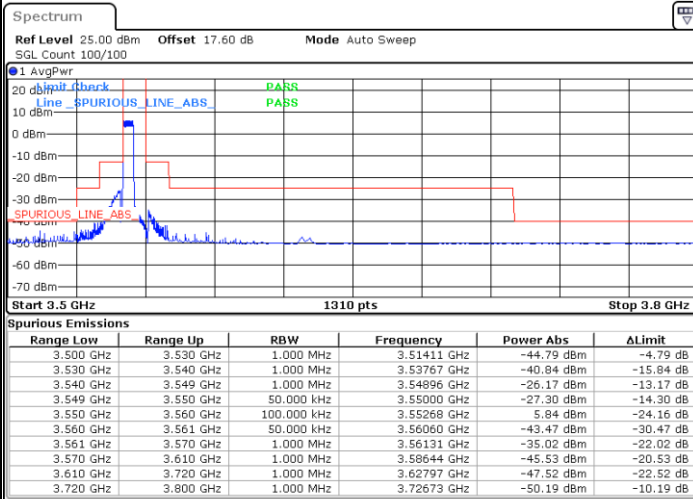
Date: 27.JUN.2025 20:43:08



Date: 27.JUN.2025 20:48:00

Lowest Channel / FullIRB

N/A



Date: 27.JUN.2025 20:52:52

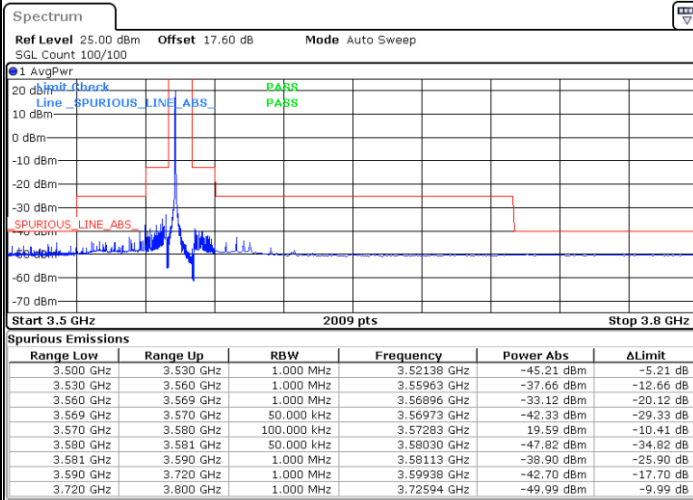


LTE Band 42 / 5MHz

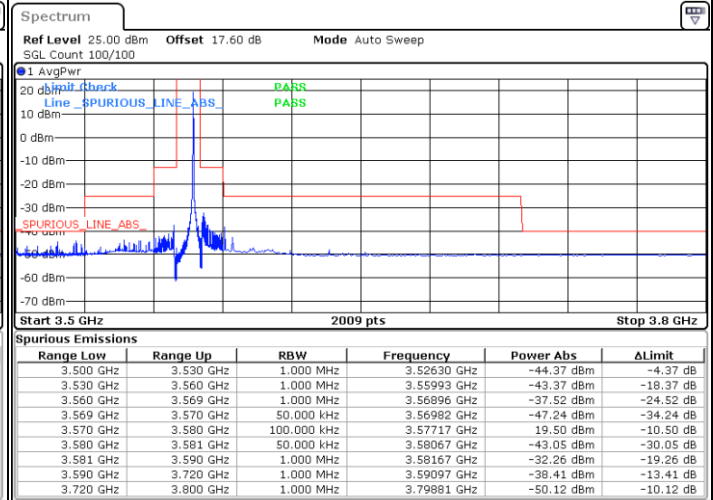
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



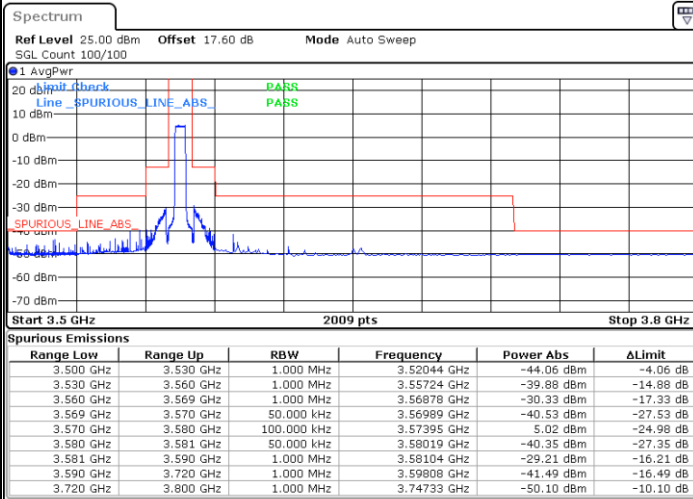
Date: 27.JUN.2025 21:07:31



Date: 27.JUN.2025 21:02:37

Middle Channel / FullRB

N/A



Date: 27.JUN.2025 20:57:43

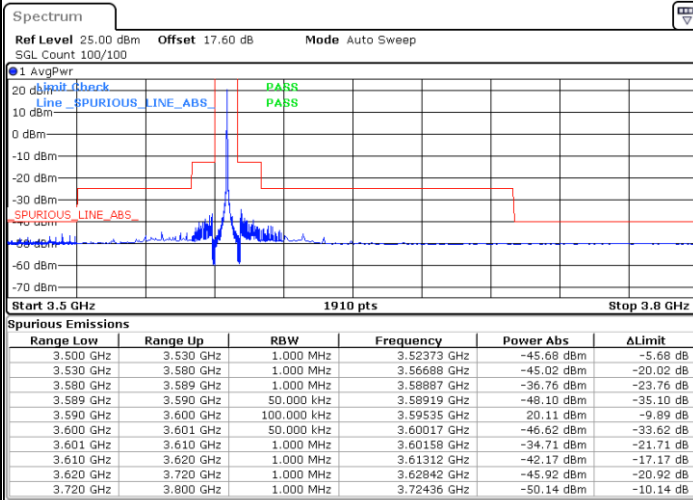


LTE Band 42 / 5MHz

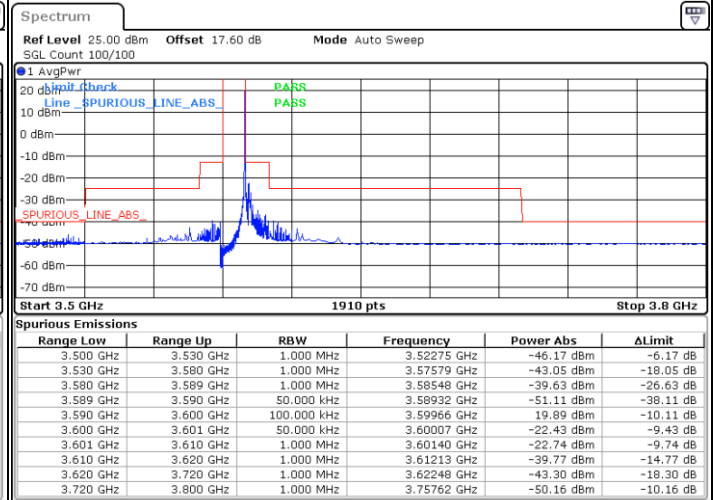
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



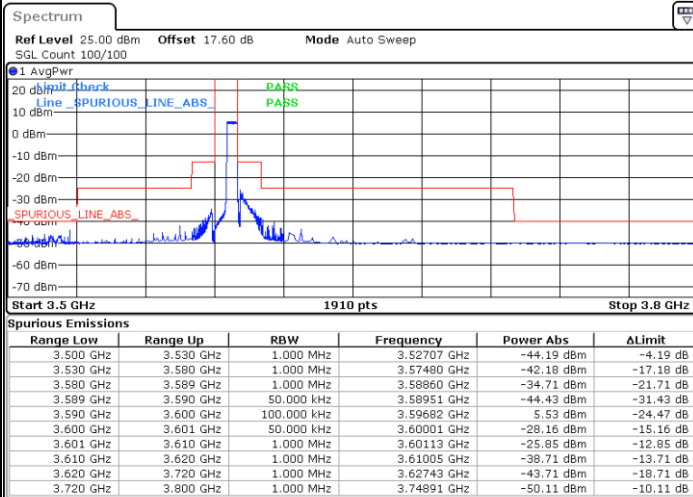
Date: 27.JUN.2025 21:12:22



Date: 27.JUN.2025 21:17:16

Highest Channel / FullIRB

N/A



Date: 27.JUN.2025 21:22:10

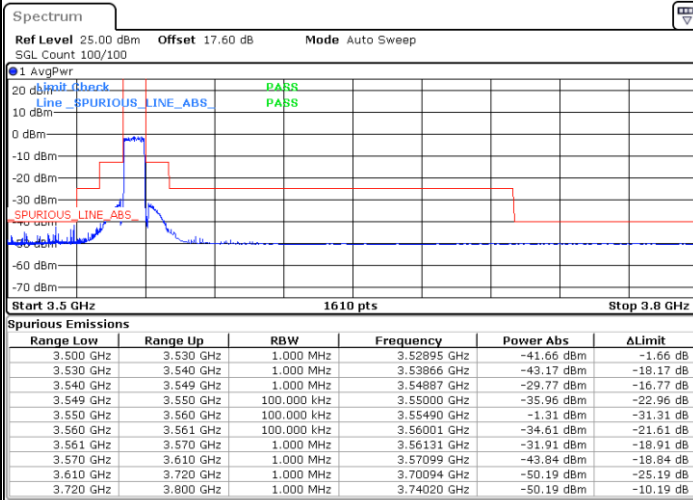


LTE Band 42 / 10MHz

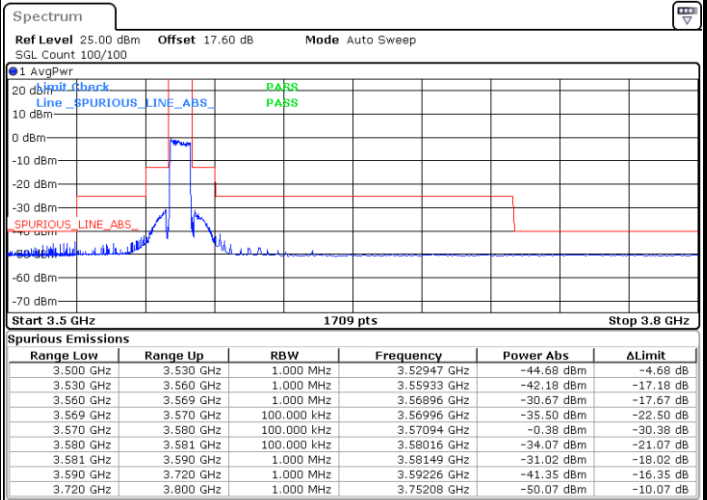
16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



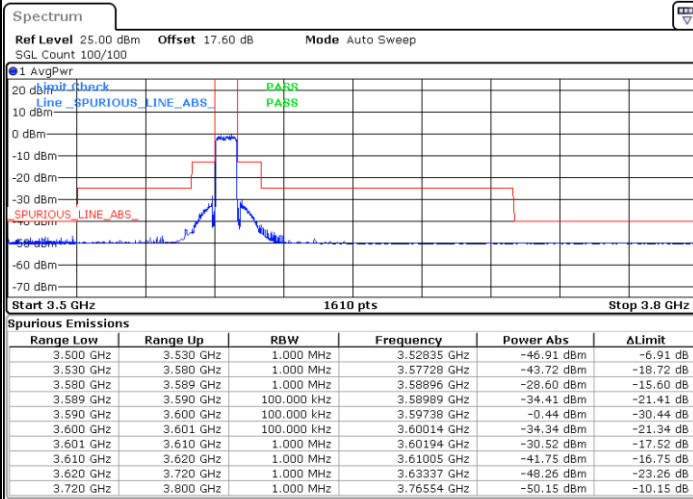
Date: 27.JUN.2025 21:27:05



Date: 27.JUN.2025 21:31:59

Highest Channel / FullIRB

N/A



Date: 27.JUN.2025 21:36:53

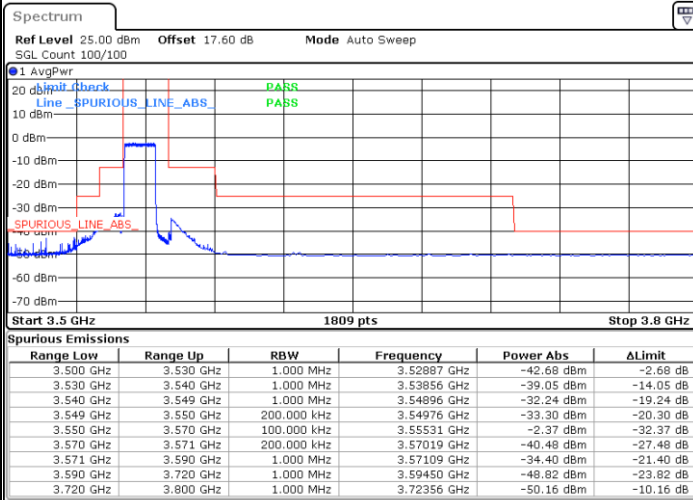


LTE Band 42 / 15MHz

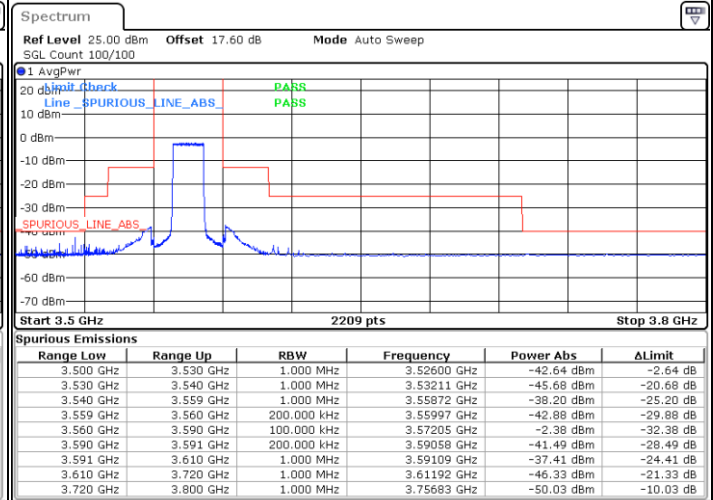
16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



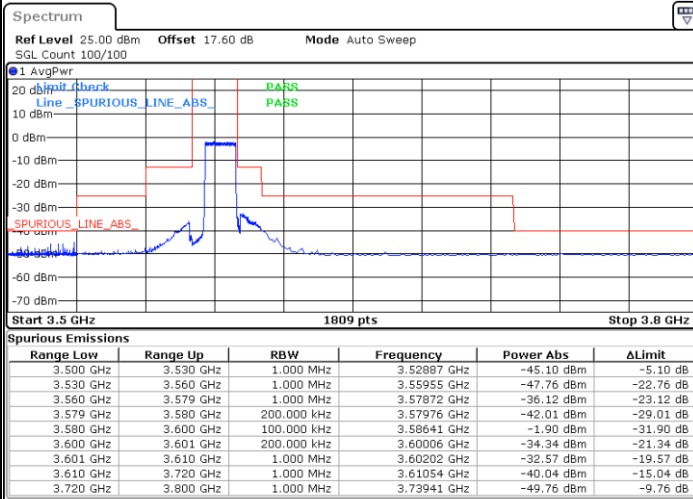
Date: 27.JUN.2025 21:41:48



Date: 27.JUN.2025 21:46:43

Highest Channel / FullIRB

N/A



Date: 27.JUN.2025 21:51:37

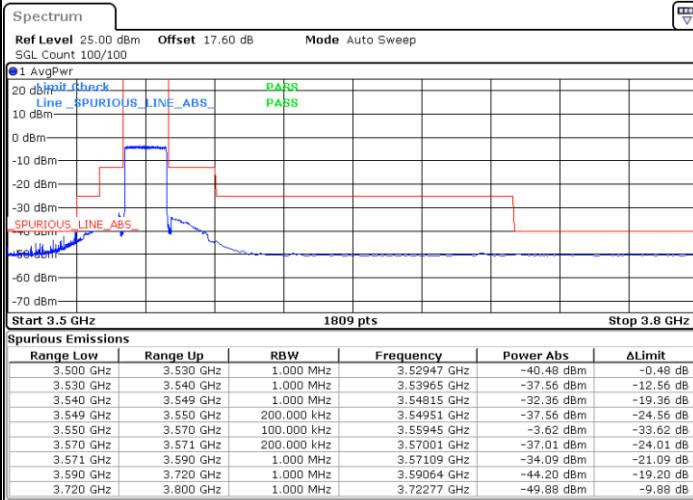


LTE Band 42 / 20MHz

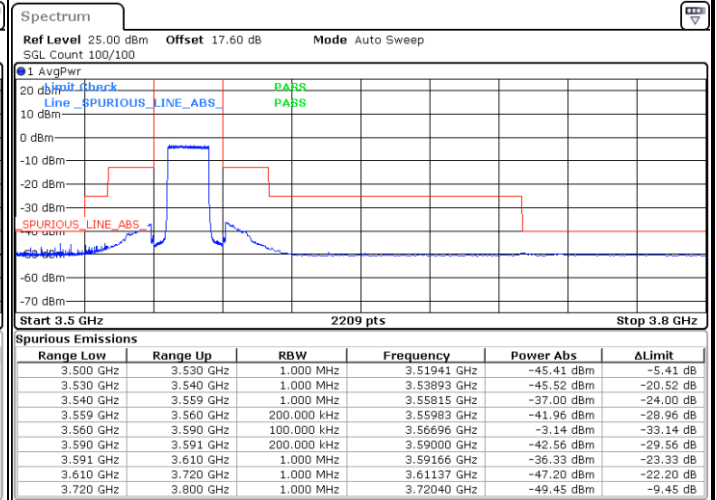
16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



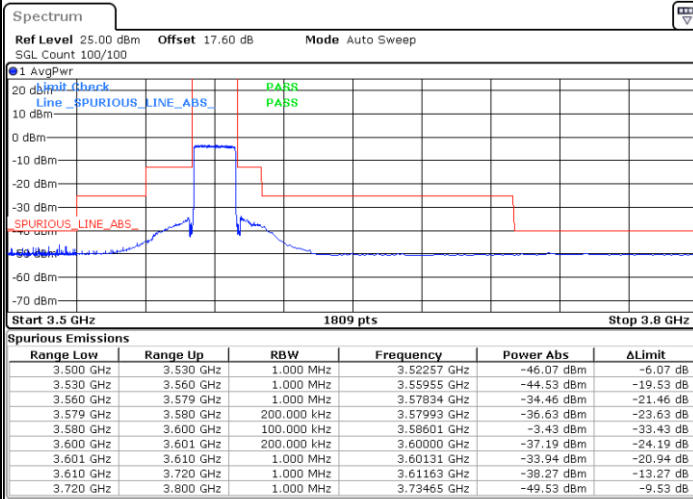
Date: 27.JUN.2025 22:39:38



Date: 27.JUN.2025 22:51:06

Highest Channel / FullIRB

N/A



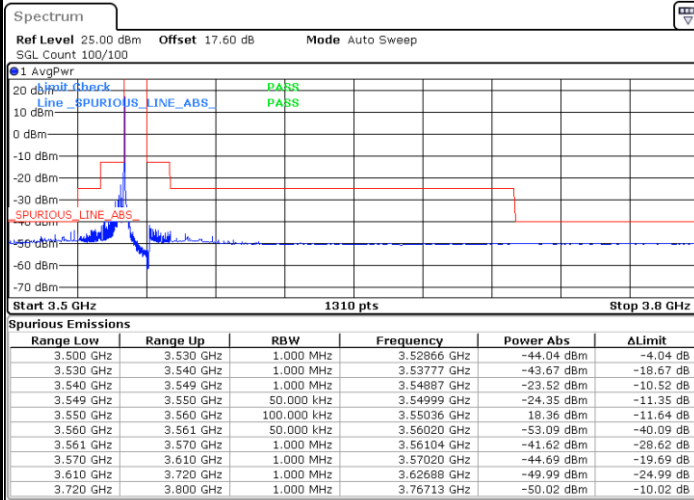
Date: 27.JUN.2025 22:59:23



LTE Band 42 / 5MHz

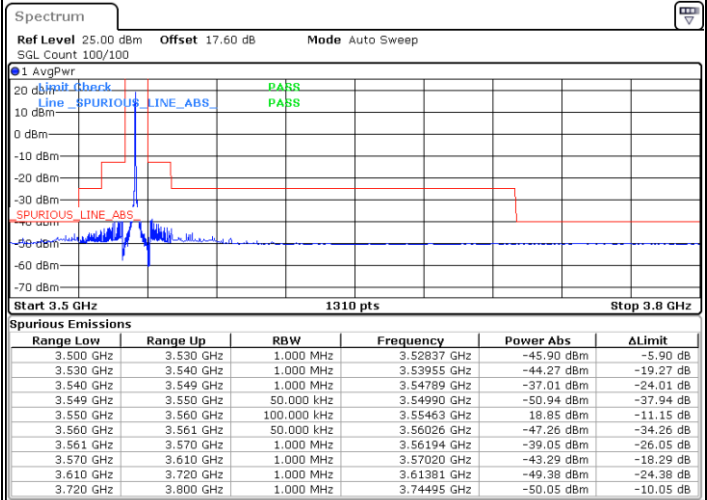
64QAM

Lowest Channel / 1RB0



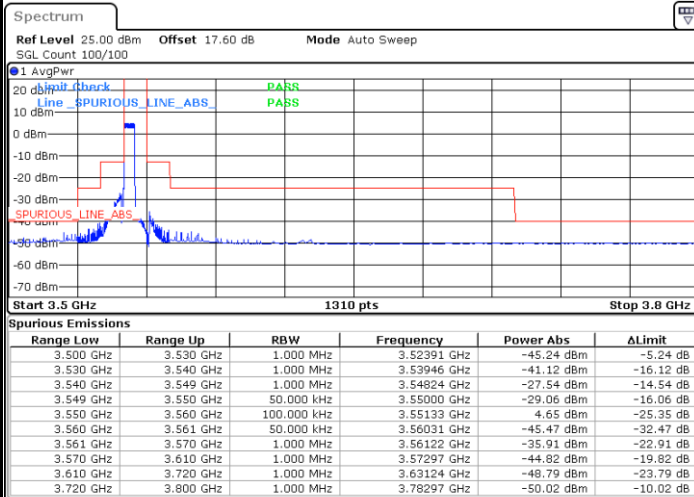
Date: 27.JUN.2025 20:44:20

Lowest Channel / 1RBmax



Date: 27.JUN.2025 20:49:13

Lowest Channel / FullIRB



Date: 27.JUN.2025 20:54:05

N/A

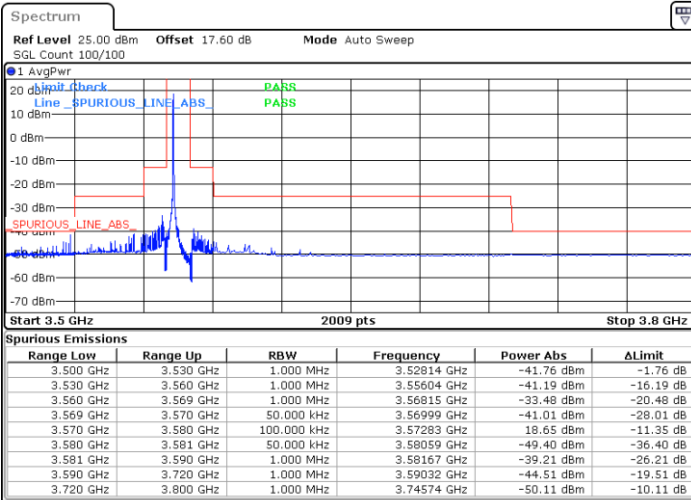


LTE Band 42 / 5MHz

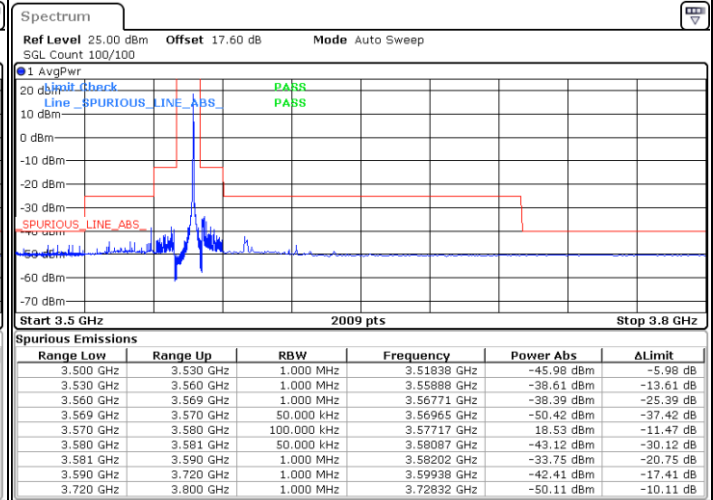
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



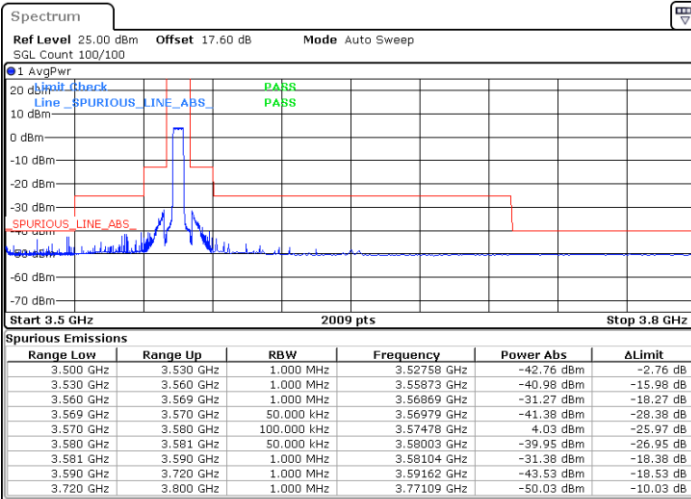
Date: 27.JUN.2025 21:08:44



Date: 27.JUN.2025 21:03:50

Middle Channel / FullRB

N/A



Date: 27.JUN.2025 20:58:55

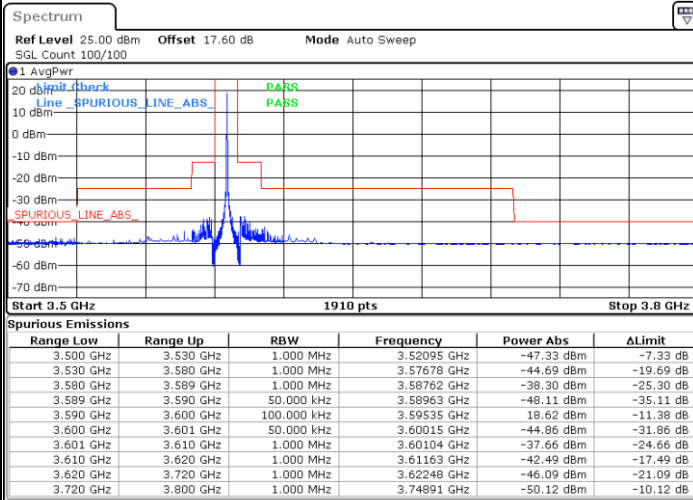


LTE Band 42 / 5MHz

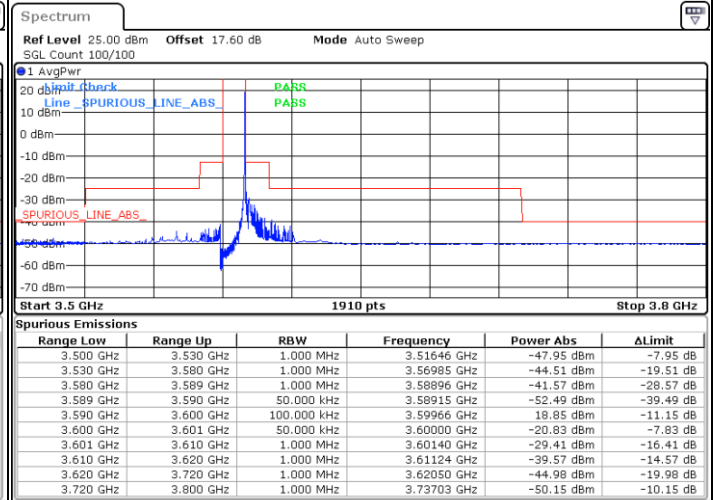
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



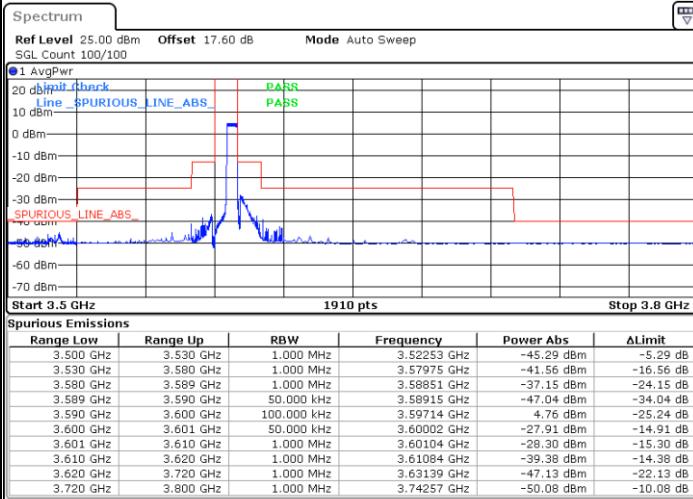
Date: 27.JUN.2025 21:13:35



Date: 27.JUN.2025 21:18:29

Highest Channel / FullIRB

N/A



Date: 27.JUN.2025 21:23:23