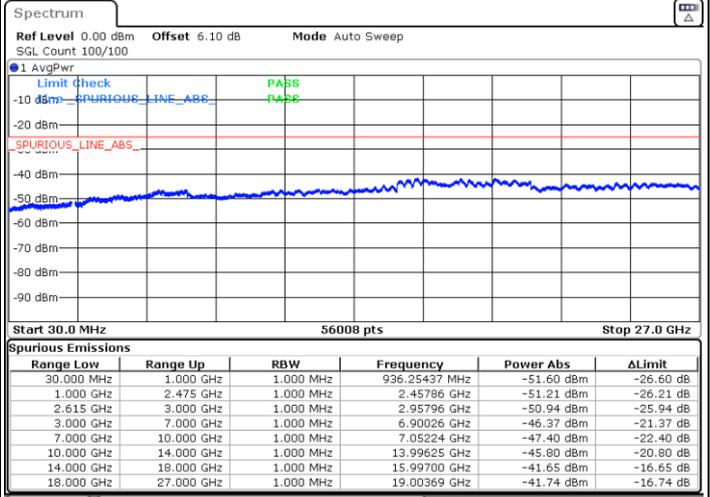
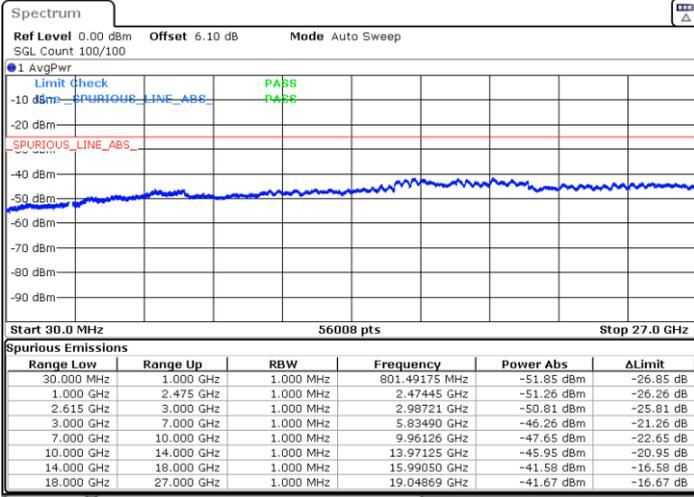




LTE Band 7 / 20MHz+15MHz

Lowest Channel / QPSK

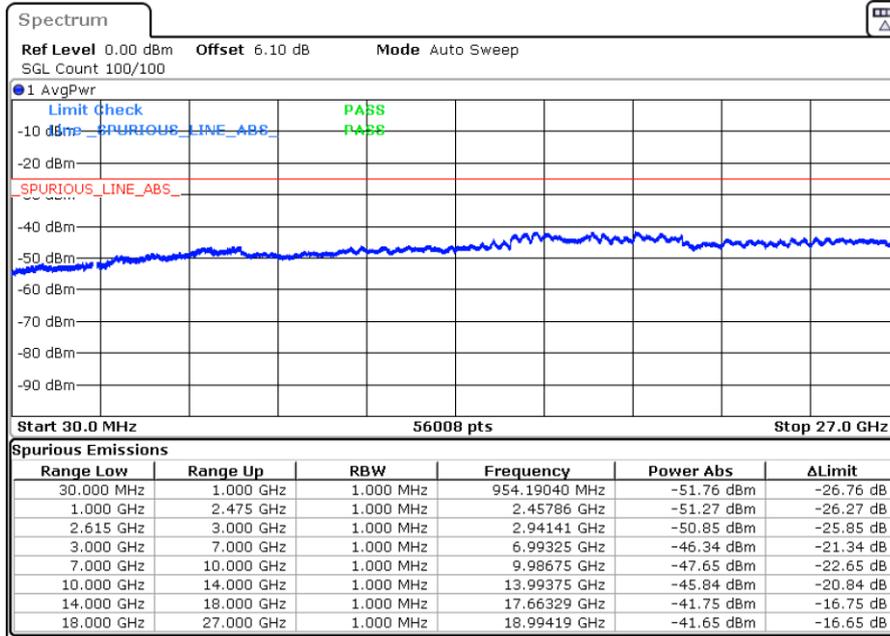
Middle Channel / QPSK



Date: 3.MAR.2025 23:19:30

Date: 3.MAR.2025 23:20:57

Highest Channel / QPSK



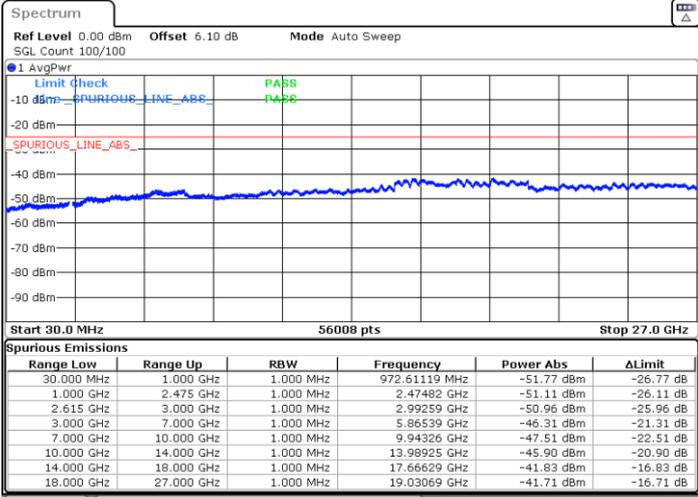
Date: 3.MAR.2025 23:22:23



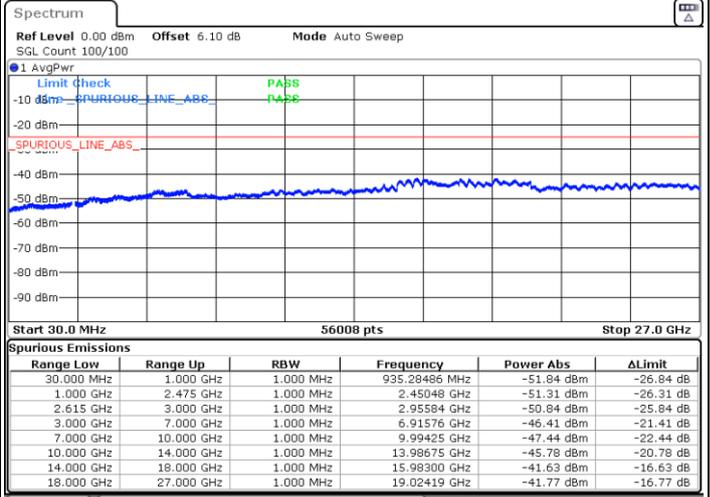
LTE Band 7 /20MHz+20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

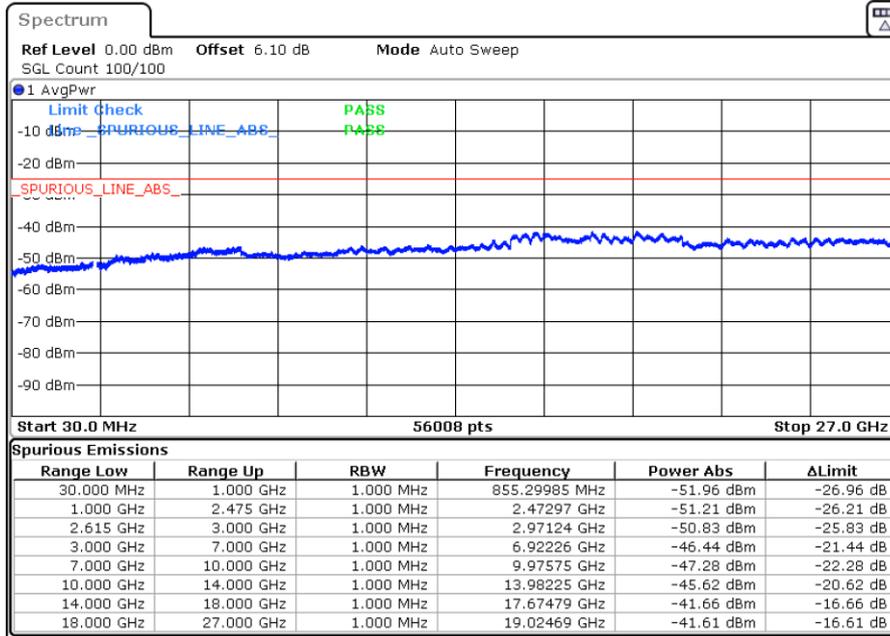


Date: 3.MAR.2025 23:23:49



Date: 3.MAR.2025 23:25:16

Highest Channel / QPSK



Date: 3.MAR.2025 23:26:42



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20+20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0032	PASS
40	Normal Voltage	0.0041	
30	Normal Voltage	0.0026	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0046	
-20	Normal Voltage	0.0029	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0017	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.91 V.; Battery End Point (BEP) =3.6V.; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

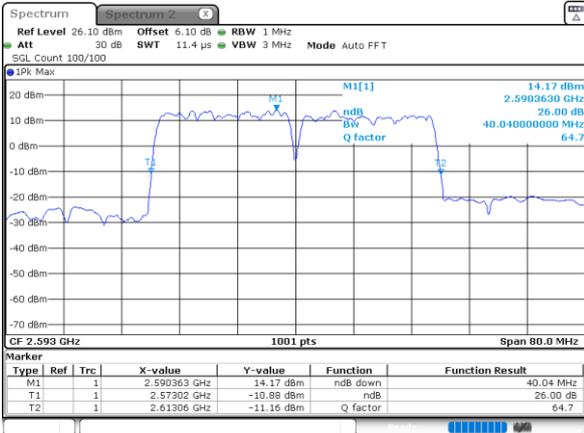
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	40.04	39.88
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.76
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.09	30.09
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.98	24.98
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.83	34.83
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.57	30.51
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.33	25.43
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.85	30.03
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.18	25.13
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.98	24.73



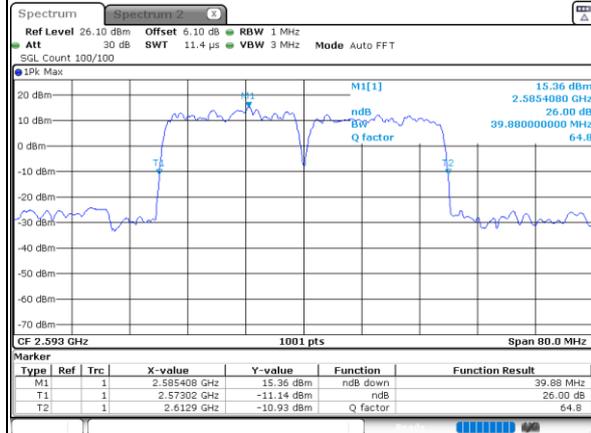
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



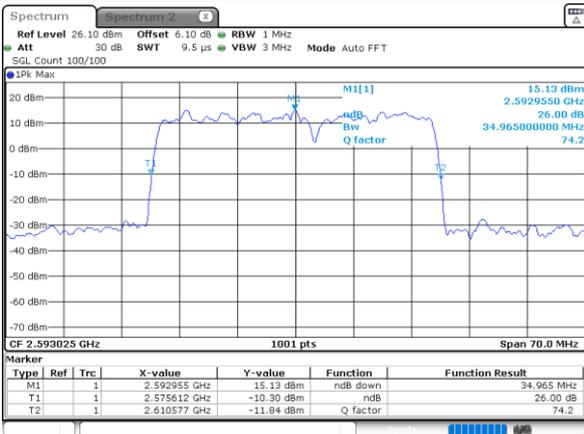
Date: 5_MAR.2025 06:41:24

Middle Channel / 20MHz+20MHz / 16QAM



Date: 5_MAR.2025 06:40:56

Middle Channel / 20MHz+15MHz / QPSK



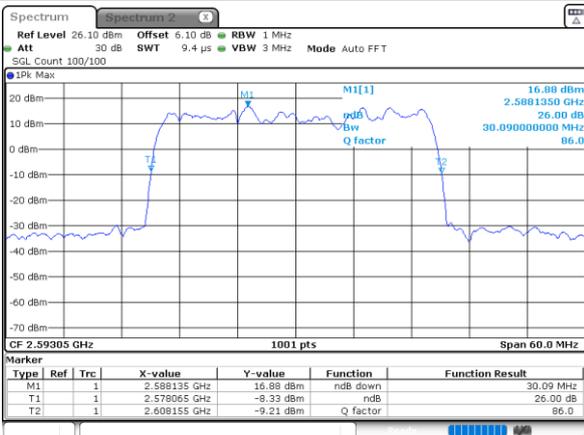
Date: 5_MAR.2025 06:38:57

Middle Channel / 20MHz+15MHz / 16QAM



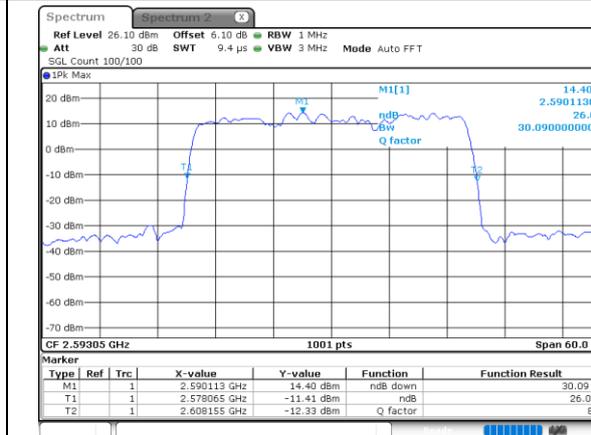
Date: 5_MAR.2025 06:39:25

Middle Channel / 20MHz+10MHz / QPSK



Date: 5_MAR.2025 06:33:09

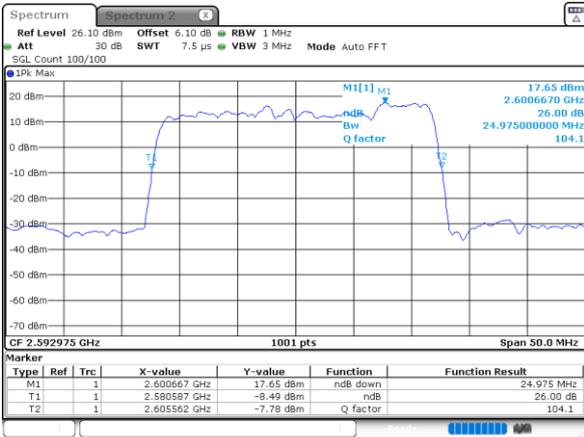
Middle Channel / 20MHz+10MHz / 16QAM



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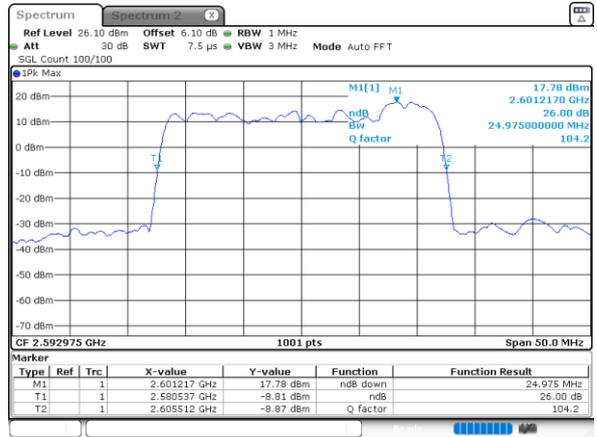


Middle Channel / 20MHz+5MHz / QPSK



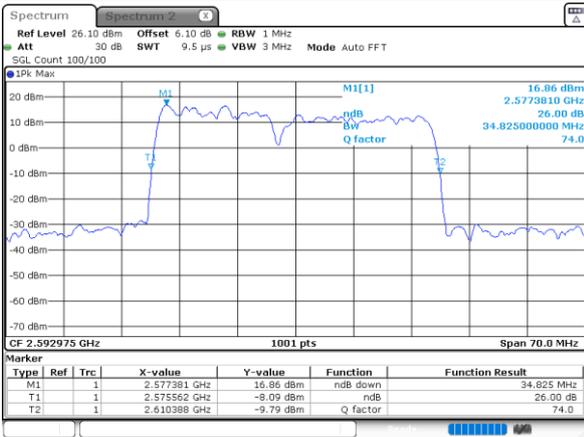
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Middle Channel / 20MHz+5MHz / 16QAM



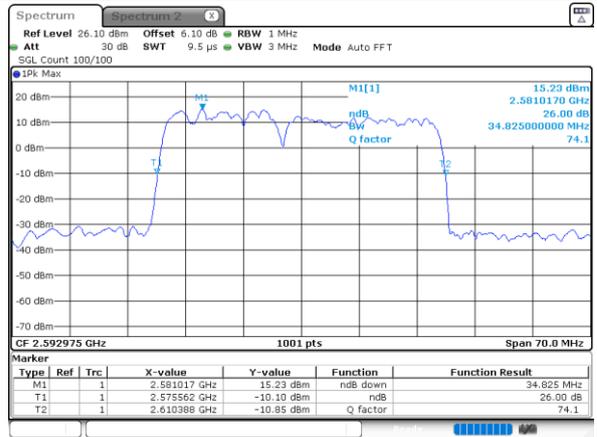
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Middle Channel / 15MHz+20MHz / QPSK



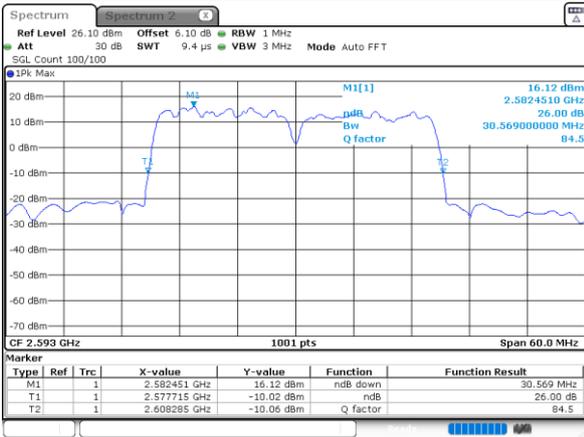
Date: 5_MAR.2025 06:17:27

Middle Channel / 15MHz+20MHz / 16QAM



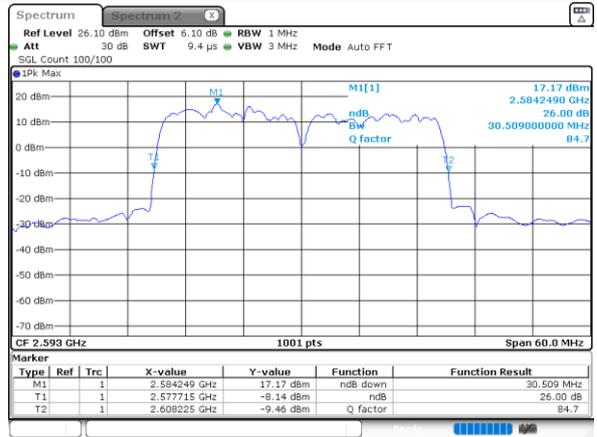
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Middle Channel / 15MHz+15MHz / QPSK



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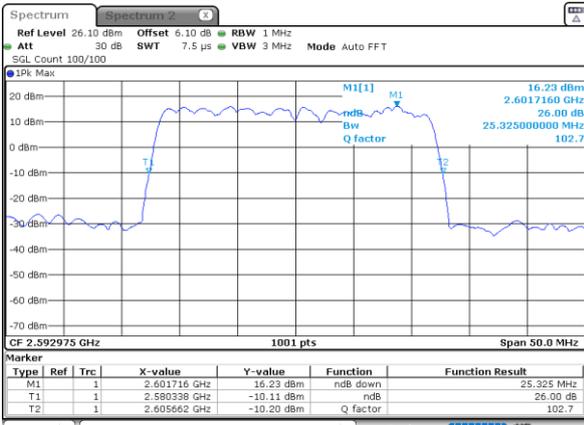
Middle Channel / 15MHz+15MHz / 16QAM



Date: 5_MAR.2025 06:35:29

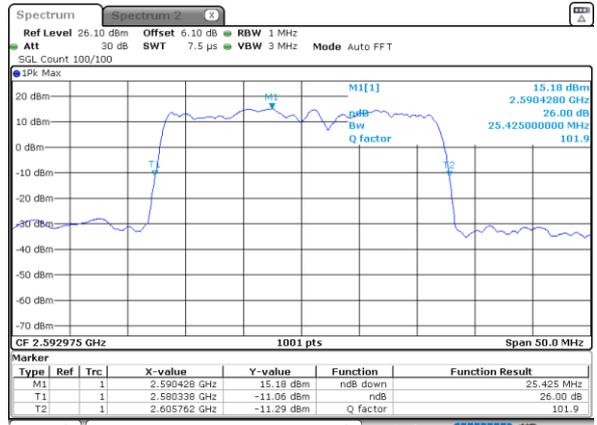


Middle Channel / 15MHz+10MHz / QPSK



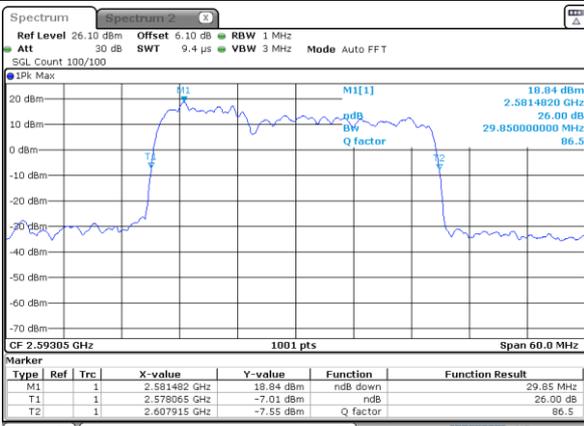
Date: 5_MAR.2025 06:28:51

Middle Channel / 15MHz+10MHz / 16QAM



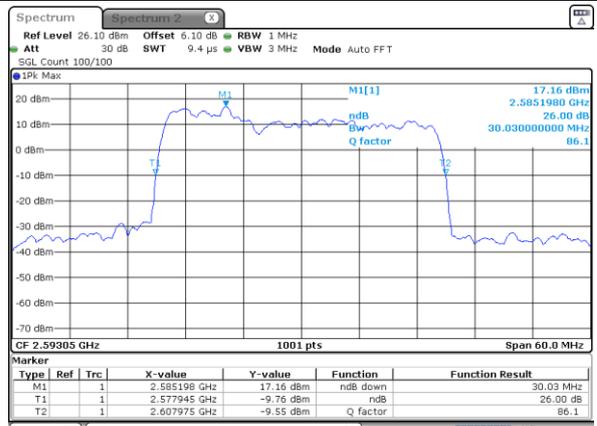
Date: 5_MAR.2025 06:28:23

Middle Channel / 10MHz+20MHz / QPSK



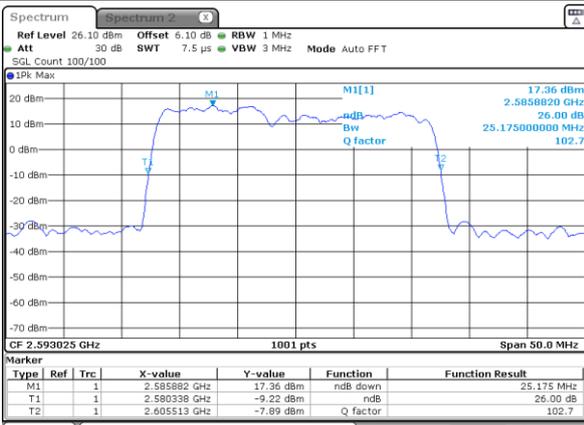
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Middle Channel / 10MHz+20MHz / 16QAM



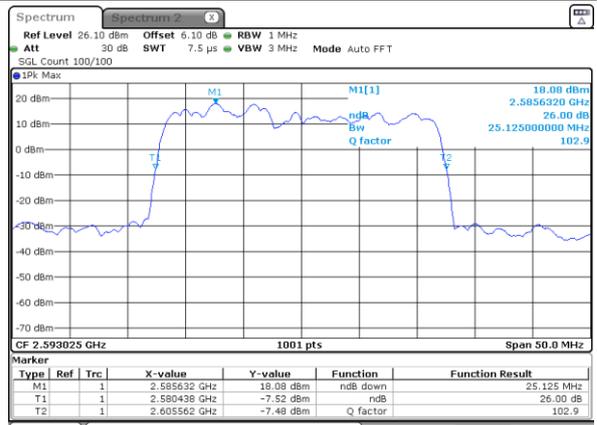
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Middle Channel / 10MHz+15MHz / QPSK

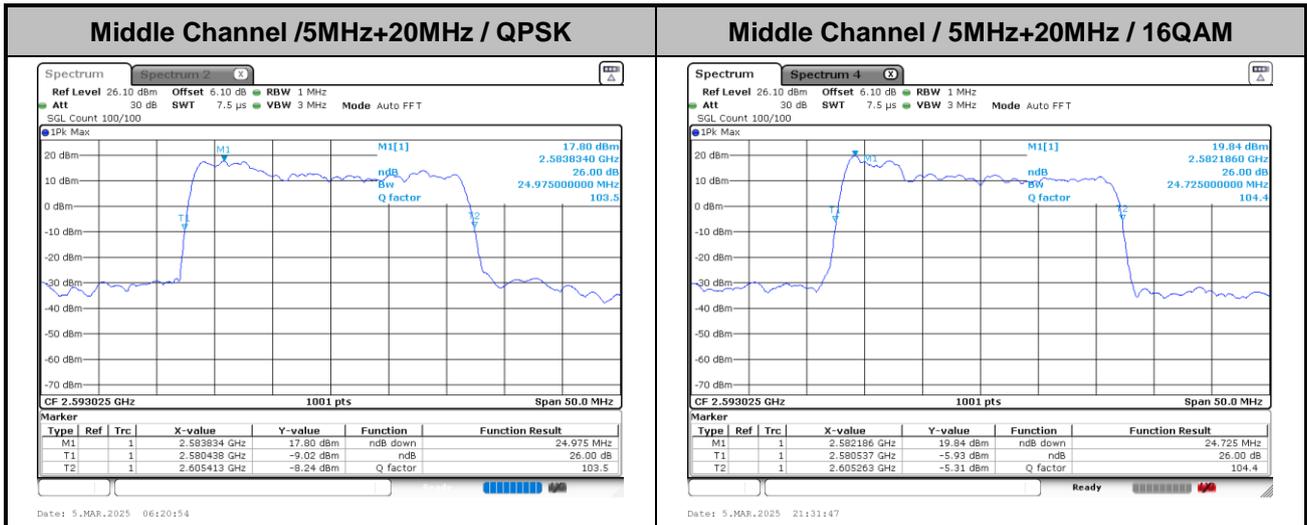


Date: 5_MAR.2025 06:24:54

Middle Channel / 10MHz+15MHz / 16QAM



Date: 5_MAR.2025 06:25:22





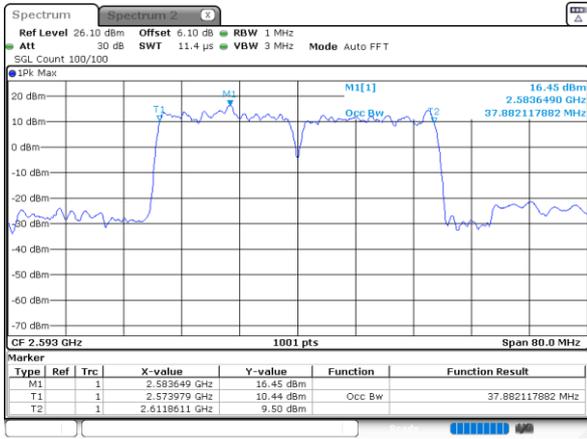
Occupied Bandwidth

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.88	37.88
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	32.80
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.23	28.05
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.28	23.58
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.73	32.66
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.59	28.41
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.53	23.48
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	27.99	27.87
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.43	23.53
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.18	23.43



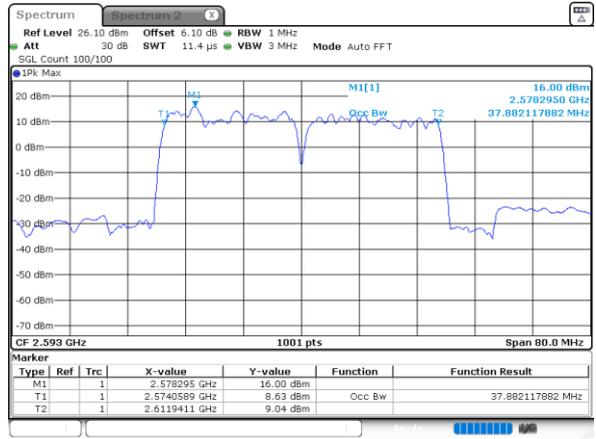
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



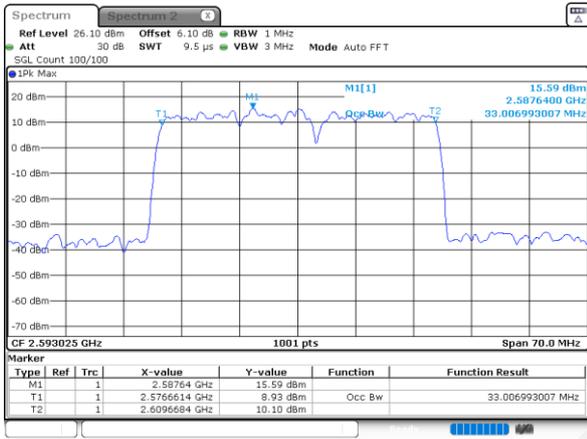
Date: 5_MAR.2025 06:41:51

Middle Channel / 20MHz+20MHz / 16QAM



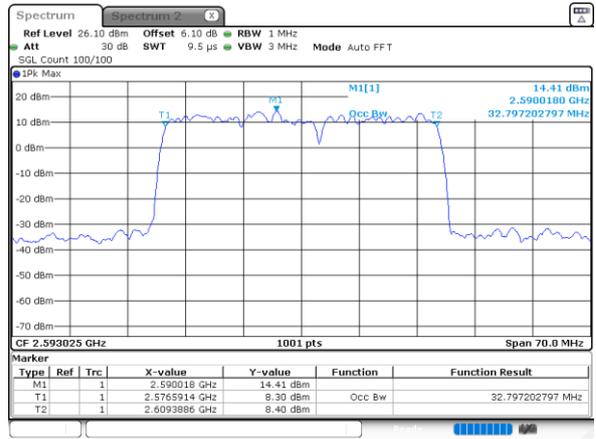
Date: 5_MAR.2025 06:40:28

Middle Channel / 20MHz+15MHz / QPSK



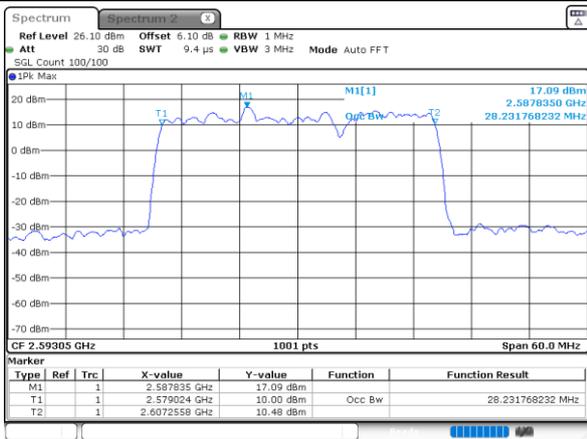
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Middle Channel / 20MHz+15MHz / 16QAM



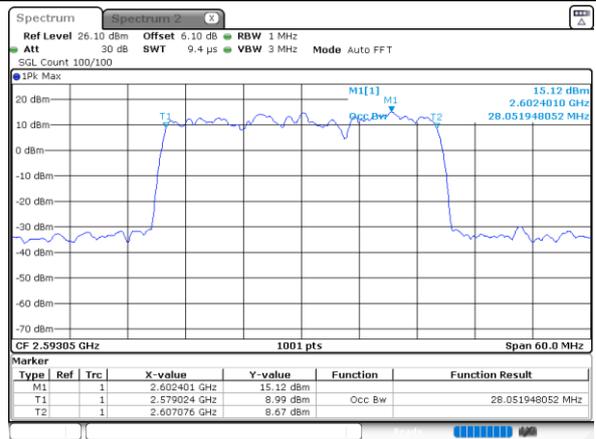
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Middle Channel / 20MHz+10MHz / QPSK



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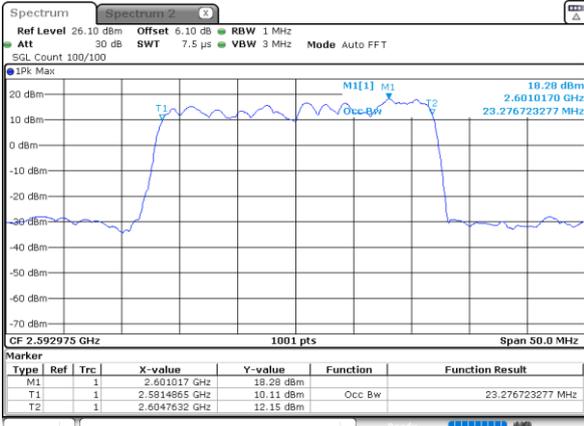
Middle Channel / 20MHz+10MHz / 16QAM



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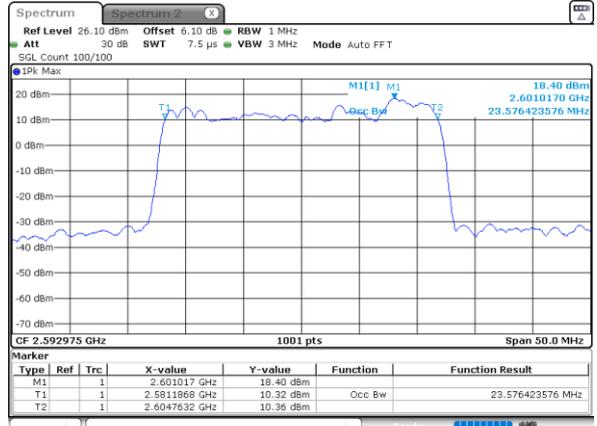


Middle Channel / 20MHz+5MHz / QPSK



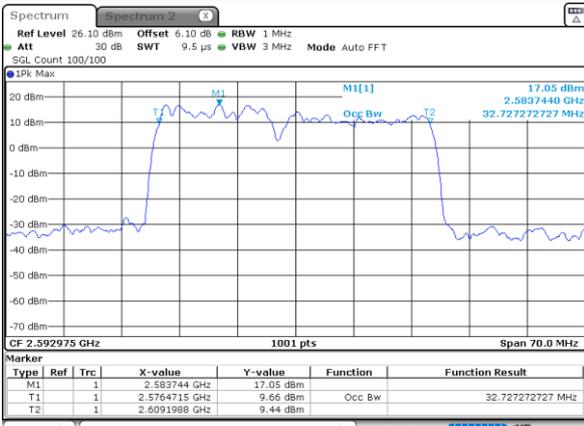
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Middle Channel / 20MHz+5MHz / 16QAM



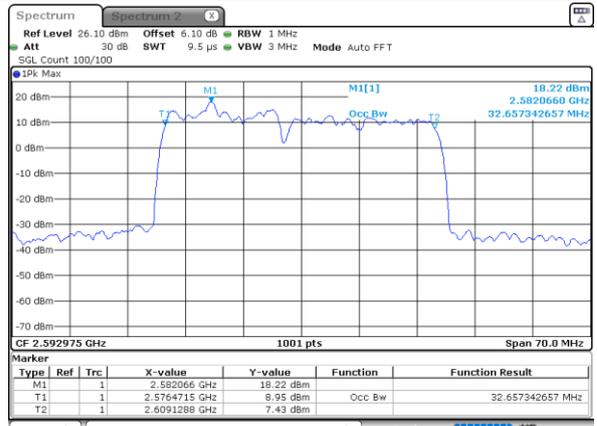
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Middle Channel / 15MHz+20MHz / QPSK



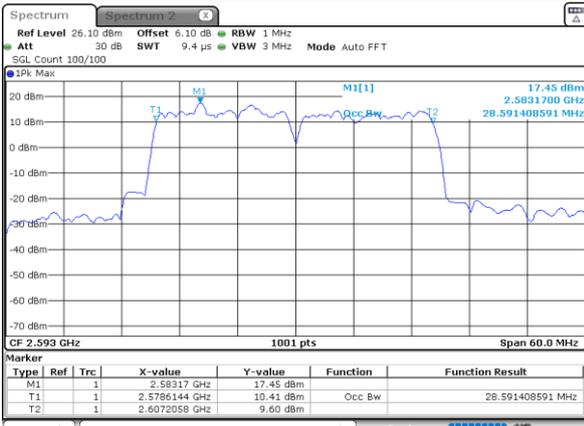
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Middle Channel / 15MHz+20MHz / 16QAM



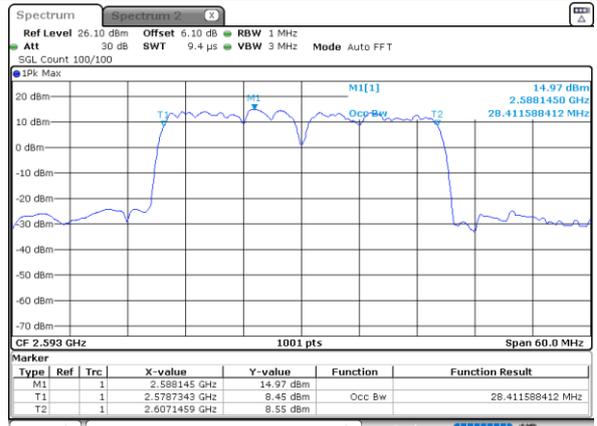
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Middle Channel / 15MHz+15MHz / QPSK



Date: 5.MAR.2025 06:13:33

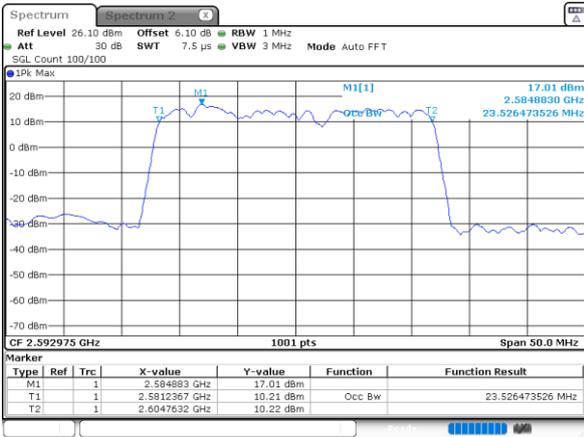
Middle Channel / 15MHz+15MHz / 16QAM



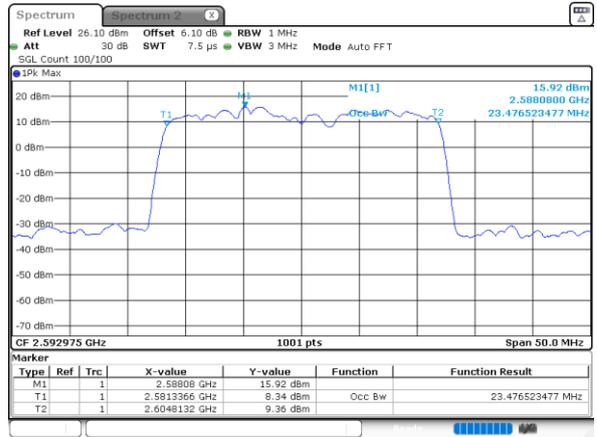
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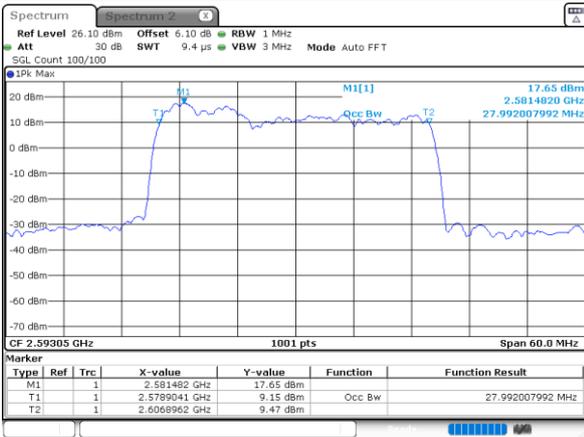
Middle Channel / 15MHz+10MHz / QPSK



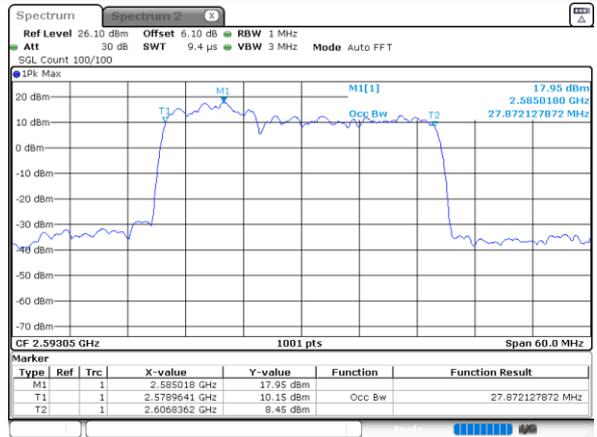
Middle Channel / 15MHz+10MHz / 16QAM



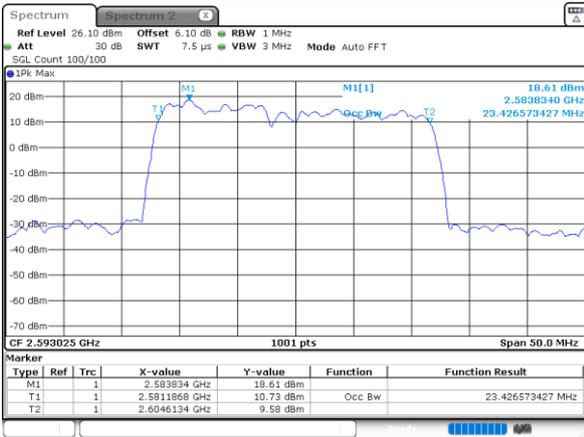
Middle Channel / 10MHz+20MHz / QPSK



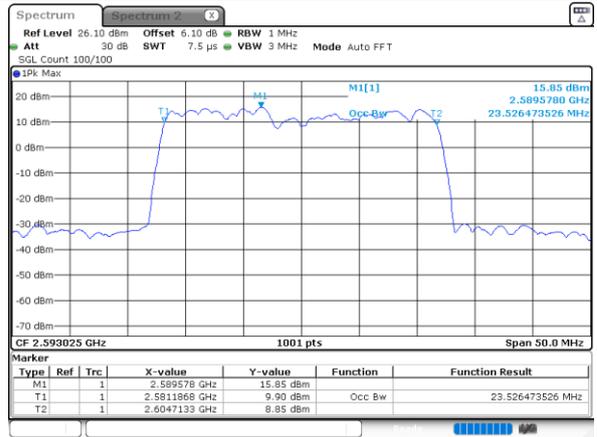
Middle Channel / 10MHz+20MHz / 16QAM

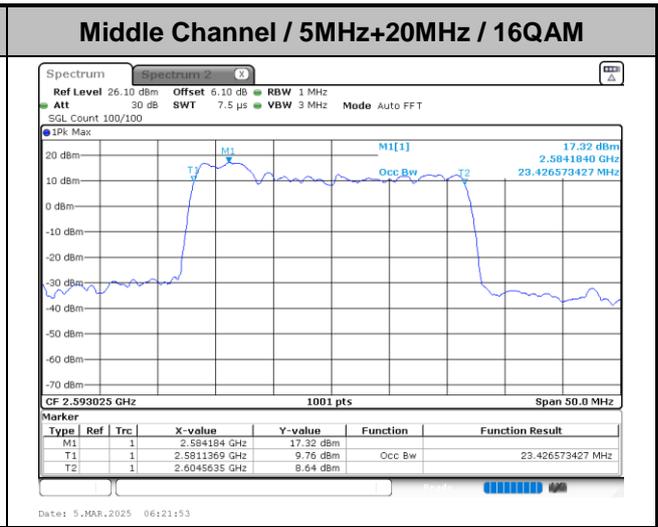
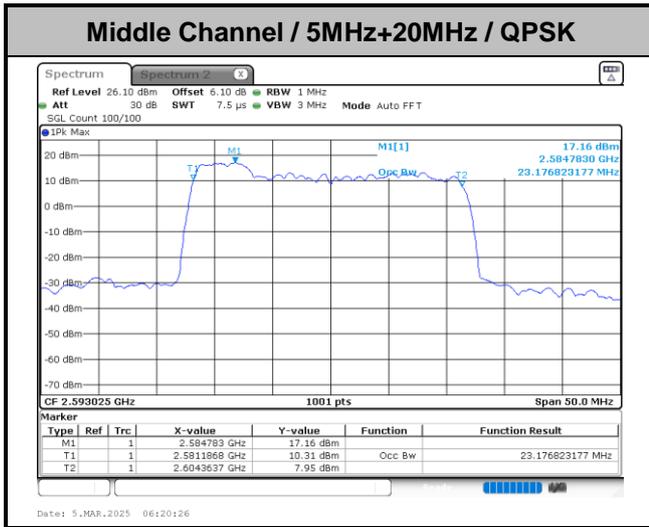


Middle Channel / 10MHz+15MHz / QPSK



Middle Channel / 10MHz+15MHz / 16QAM





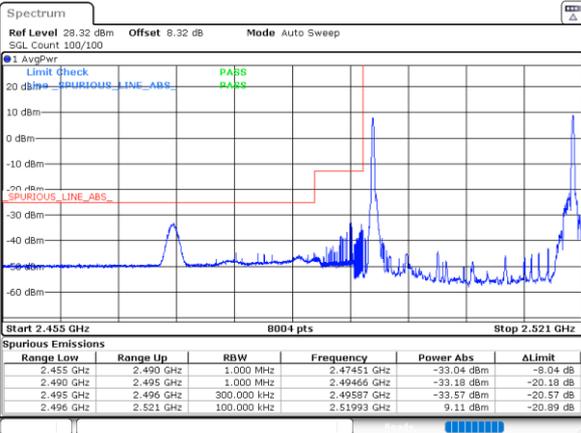


Conducted Band Edge

LTE Band 41C / 5MHz+20MHz

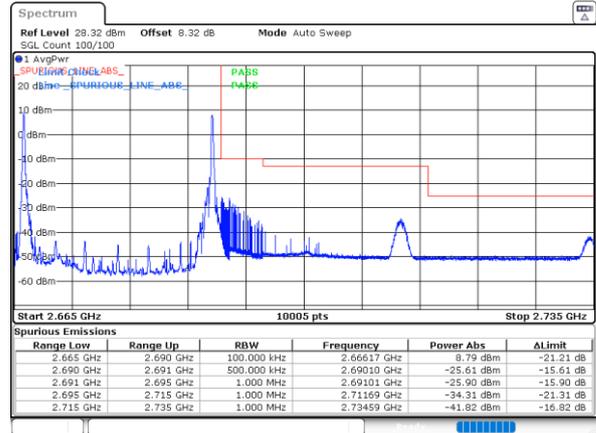
QPSK

Lowest Band Edge / 1RB0 and 1RB99



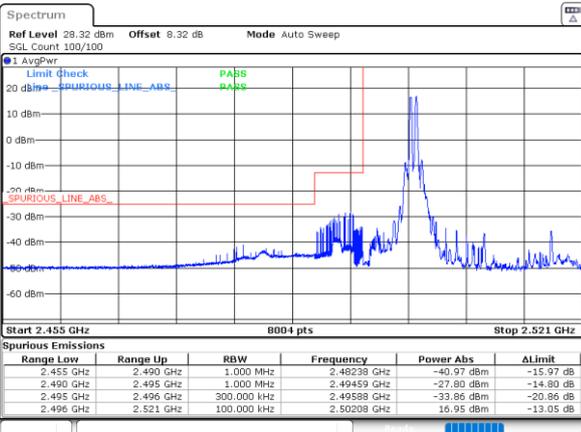
Date: 4.MAR.2025 01:10:51

Highest Band Edge / 1RB0 and 1RB99



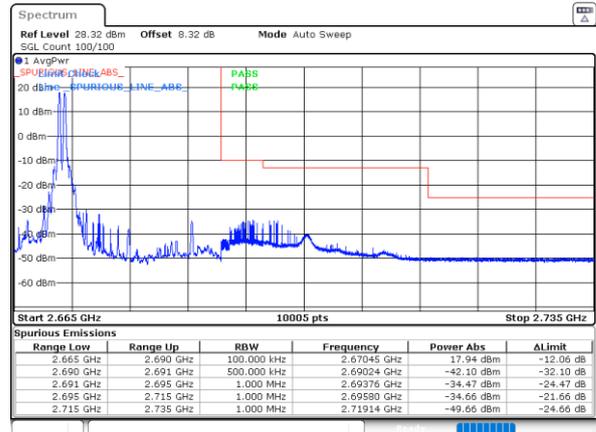
Date: 4.MAR.2025 01:28:42

Lowest Band Edge / 1RB24 and 1RB0



Date: 4.MAR.2025 01:05:49

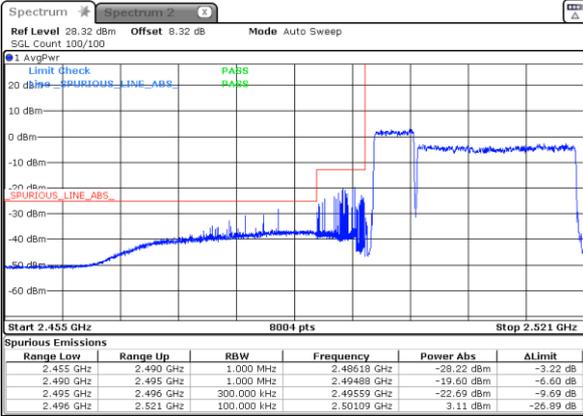
Highest Band Edge / 1RB24 and 1RB0



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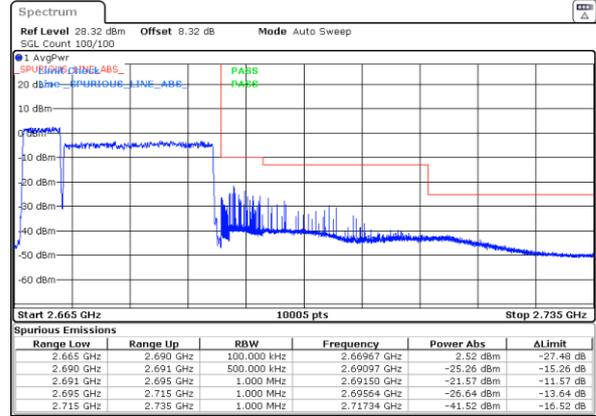


Lowest Band Edge / Full RB



Date: 4.MAR.2025 21:56:04

Highest Band Edge / Full RB



Date: 4.MAR.2025 01:33:42

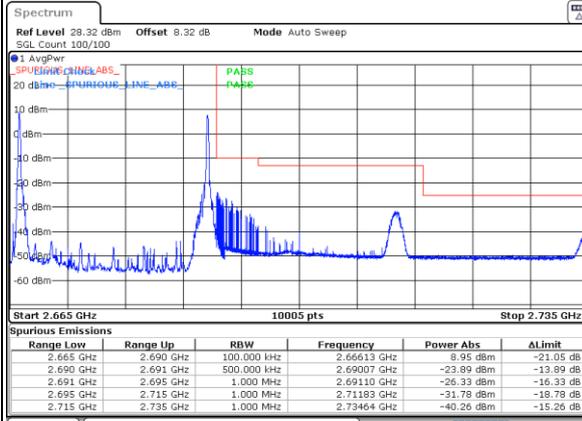
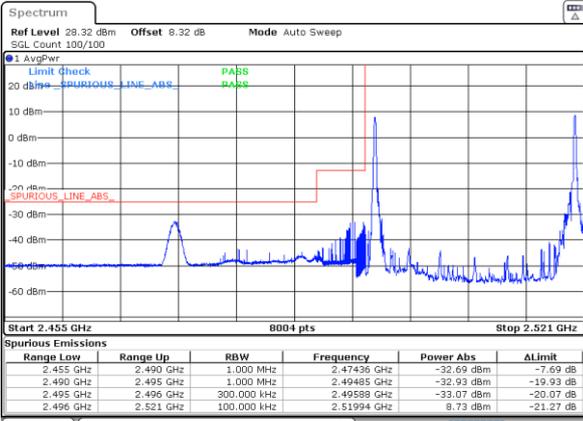


LTE Band 41C / 5MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99



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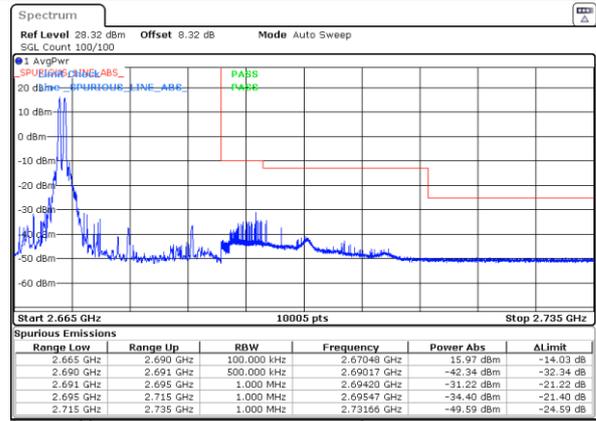
Date: 4.MAR.2025 01:29:57

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0



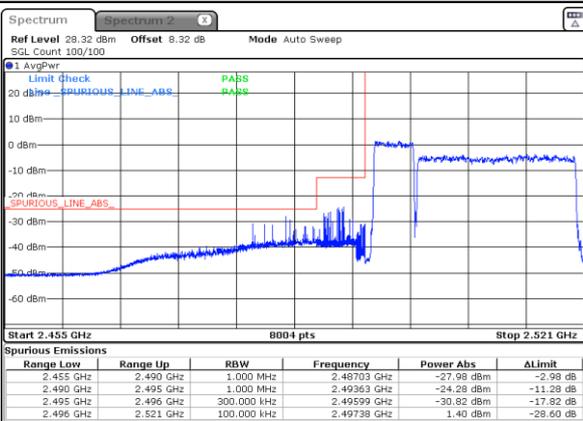
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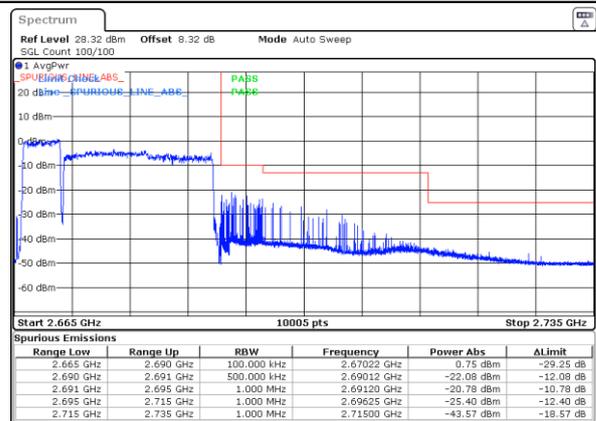
Date: 4.MAR.2025 01:24:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.MAR.2025 21:57:04



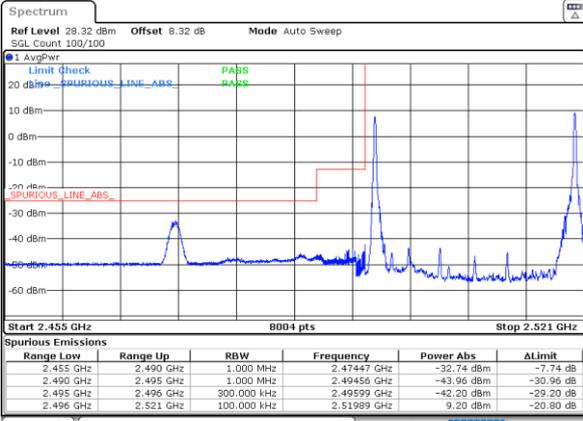
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LTE Band 41C / 5MHz+20MHz

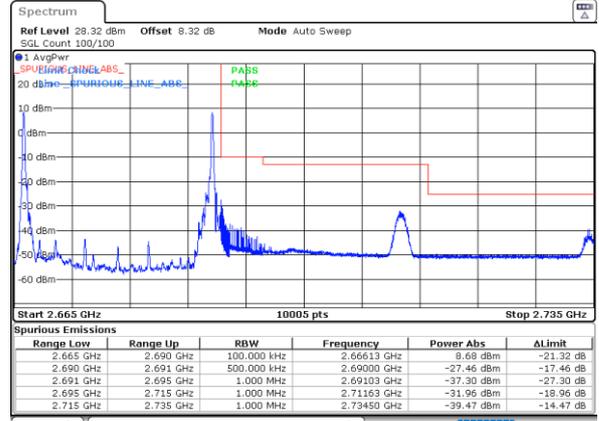
64QAM

Lowest Band Edge / 1RB0 and 1RB99



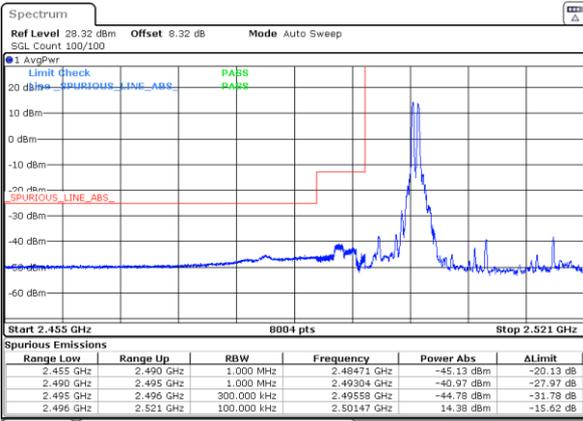
Date: 4.MAR.2025 01:13:21

Highest Band Edge / 1RB0 and 1RB99



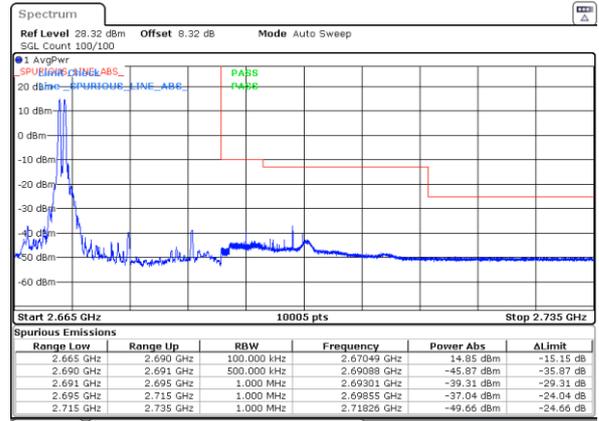
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Lowest Band Edge / 1RB24 and 1RB0



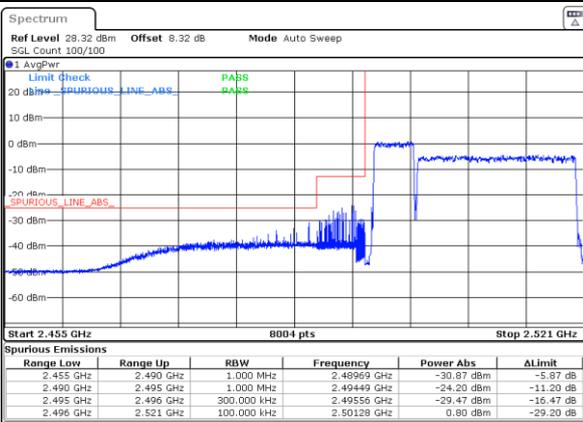
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Highest Band Edge / 1RB24 and 1RB0



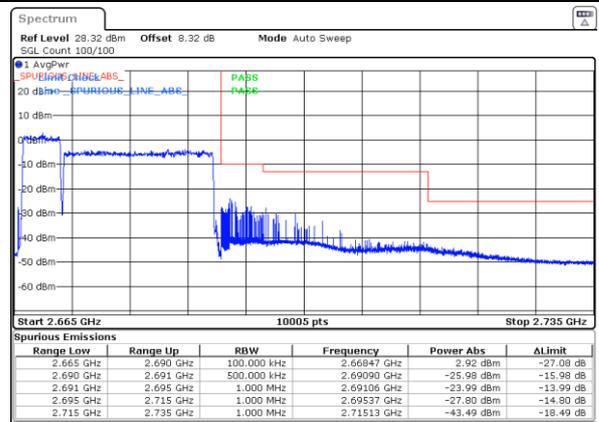
Date: 4.MAR.2025 01:26:12

Lowest Band Edge / Full RB



Date: 4.MAR.2025 01:18:21

Highest Band Edge / Full RB



Date: 4.MAR.2025 01:36:13

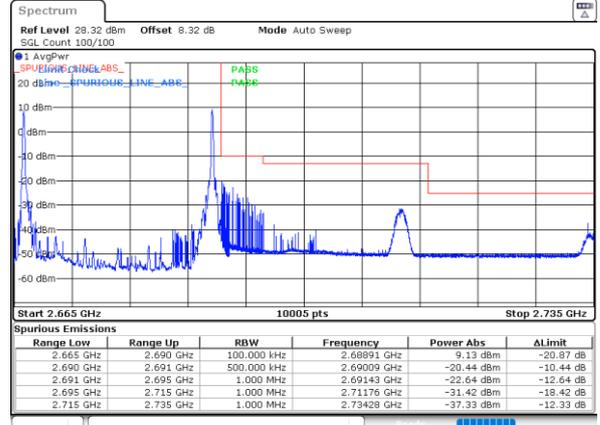
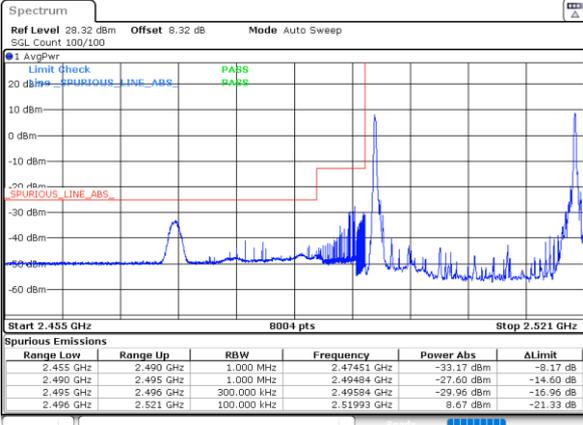


LTE Band 41C / 5MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

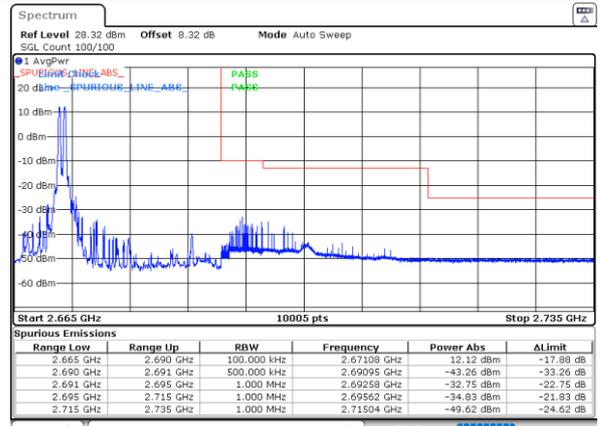
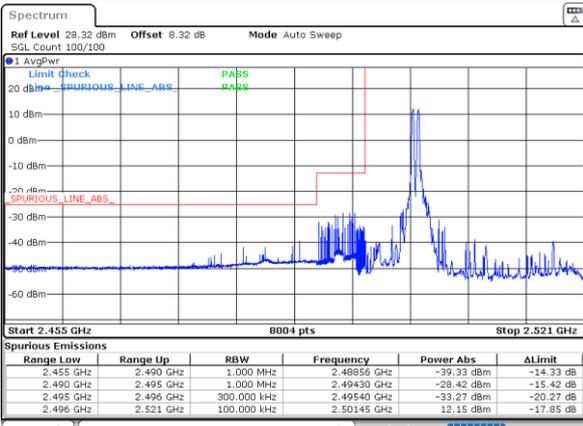


Date: 4.MAR.2025 01:14:35

Date: 4.MAR.2025 01:32:27

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

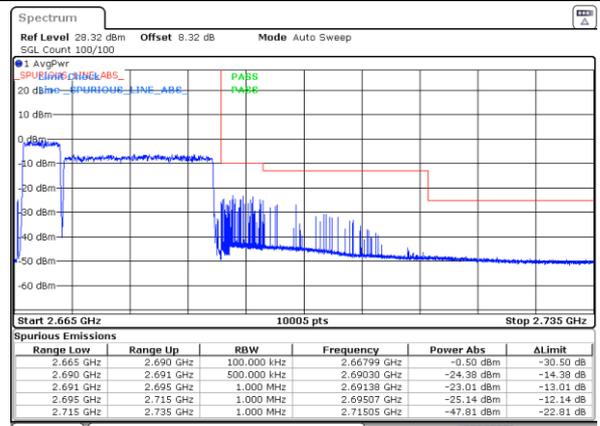
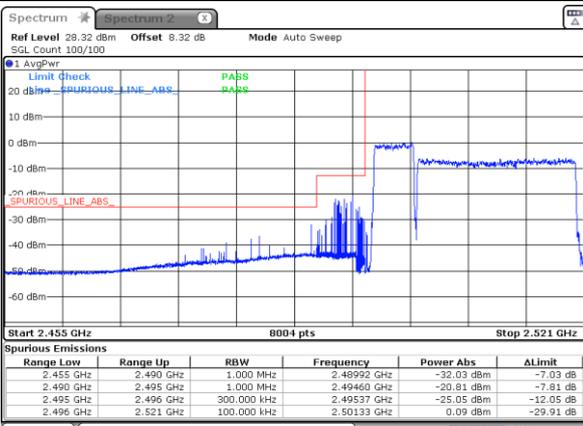


Date: 4.MAR.2025 01:09:35

Date: 4.MAR.2025 01:27:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.MAR.2025 21:58:10

Date: 4.MAR.2025 01:37:28

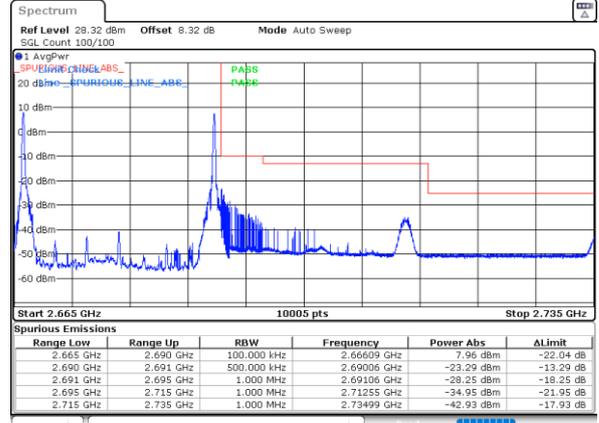
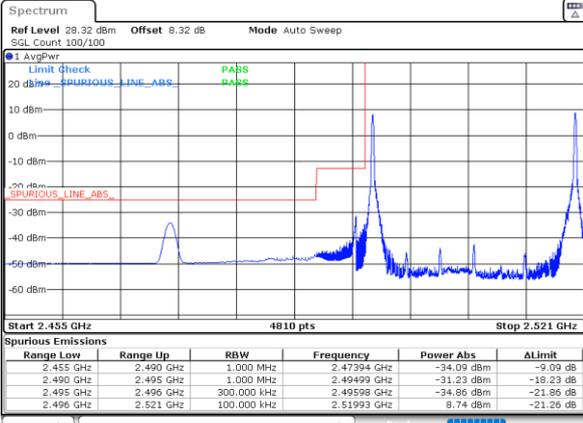


LTE Band 41C / 10MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

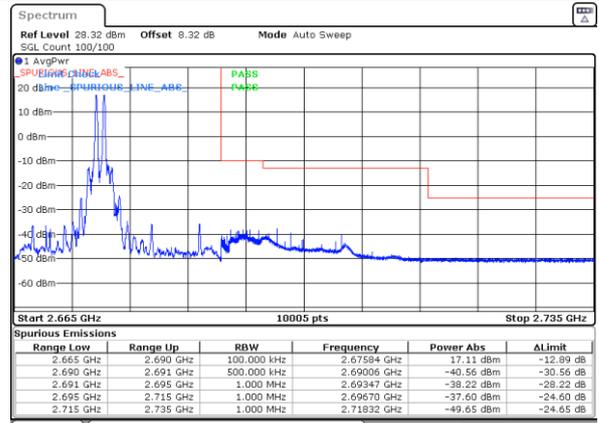


Date: 4.MAR.2025 01:45:10

Date: 4.MAR.2025 02:03:02

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

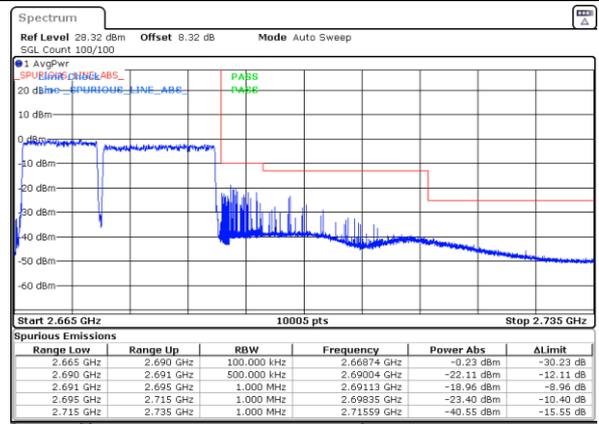
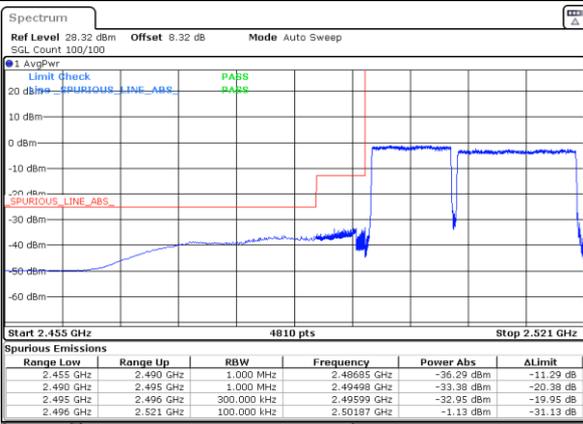


Date: 4.MAR.2025 01:40:10

Date: 4.MAR.2025 01:58:02

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.MAR.2025 01:50:10

Date: 4.MAR.2025 02:08:03

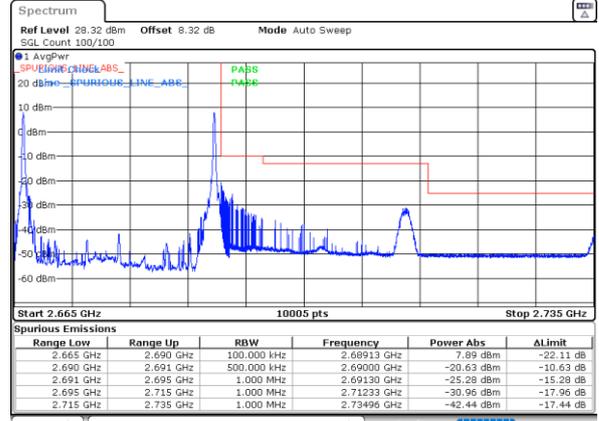
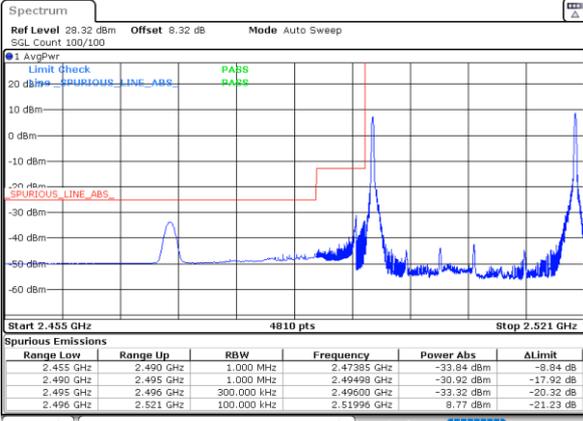


LTE Band 41C / 10MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

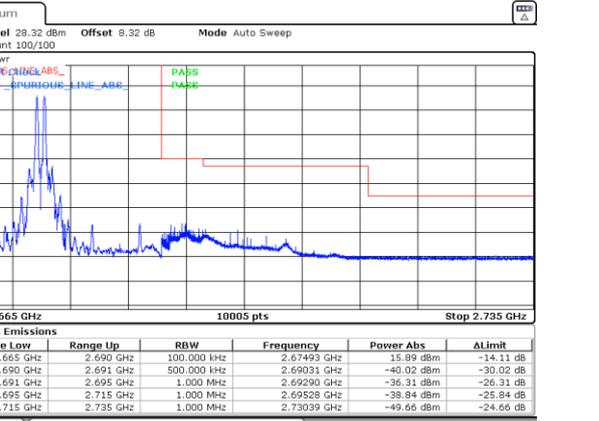
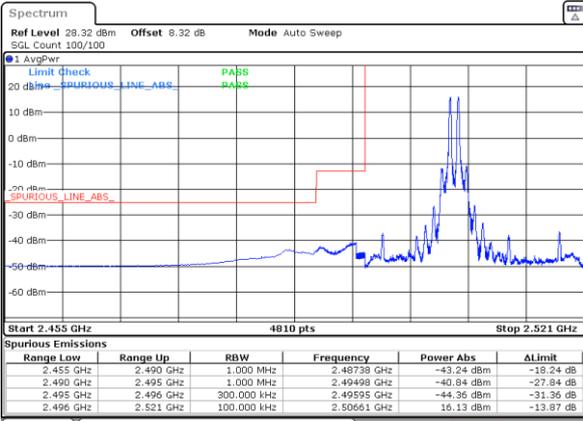


Date: 4.MAR.2025 01:46:24

Date: 4.MAR.2025 02:04:17

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

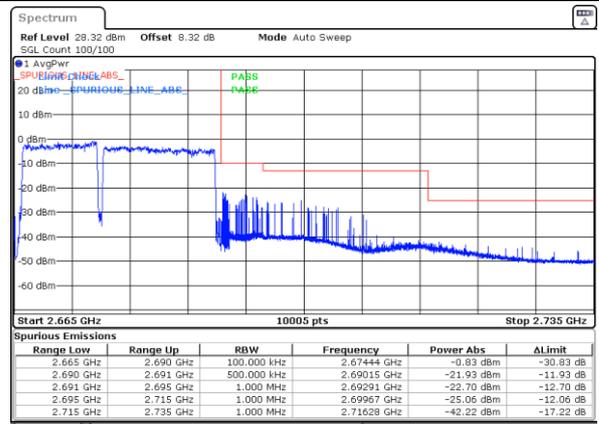


Date: 4.MAR.2025 01:41:25

Date: 4.MAR.2025 01:59:17

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.MAR.2025 01:51:25

Date: 4.MAR.2025 02:09:19

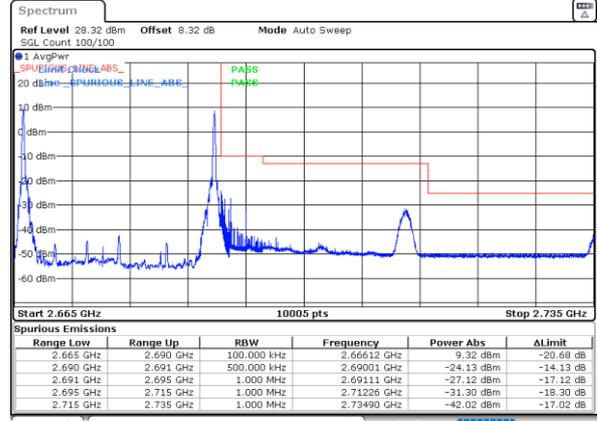
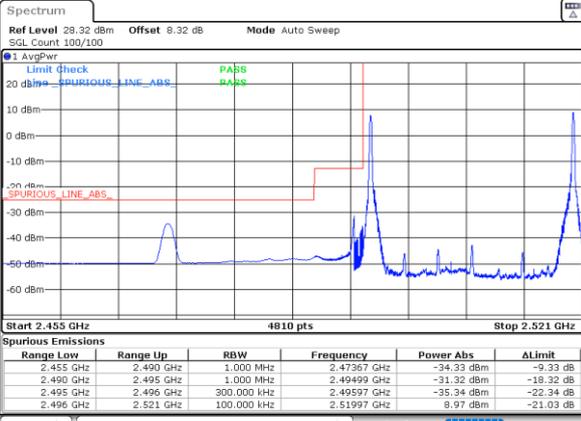


LTE Band 41C / 10MHz+15MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

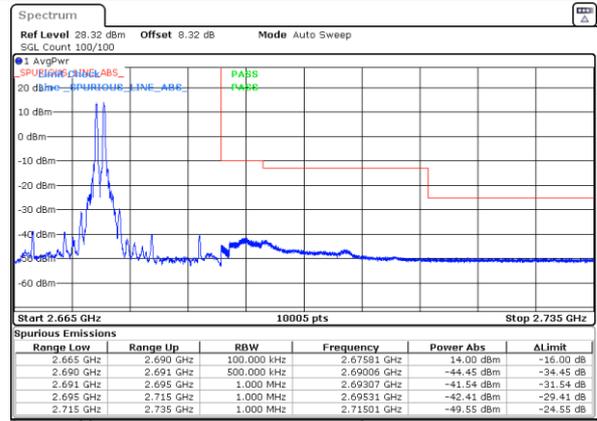


Date: 4.MAR.2025 01:47:19

Date: 4.MAR.2025 02:05:32

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

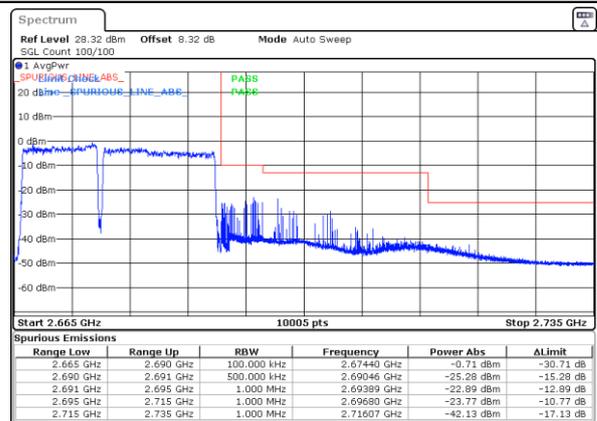


Date: 4.MAR.2025 01:42:40

Date: 4.MAR.2025 02:00:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.MAR.2025 01:52:40

Date: 4.MAR.2025 02:10:34

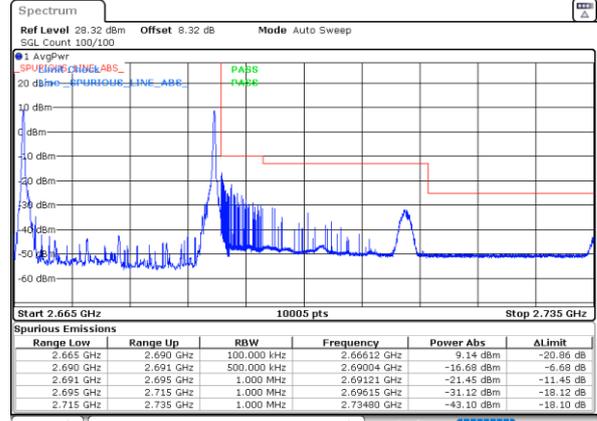
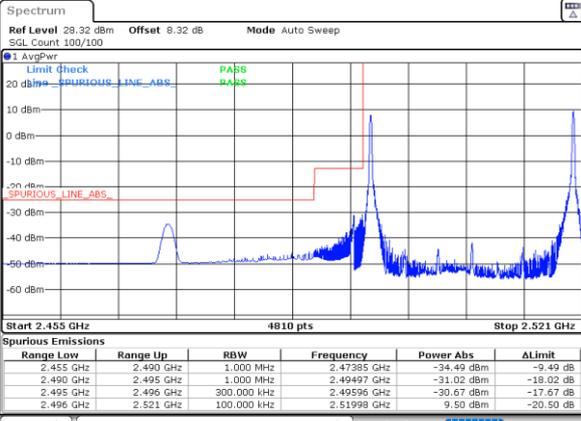


LTE Band 41C / 10MHz+15MHz

256AM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

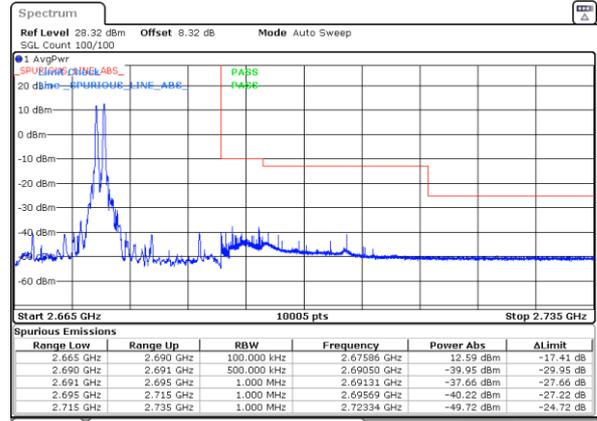


Date: 4.MAR.2025 01:48:54

Date: 4.MAR.2025 02:10:47

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

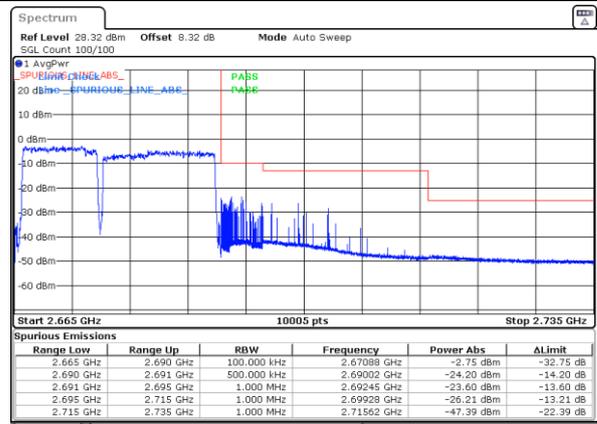


Date: 4.MAR.2025 01:43:55

Date: 4.MAR.2025 02:10:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.MAR.2025 01:53:55

Date: 4.MAR.2025 02:11:49

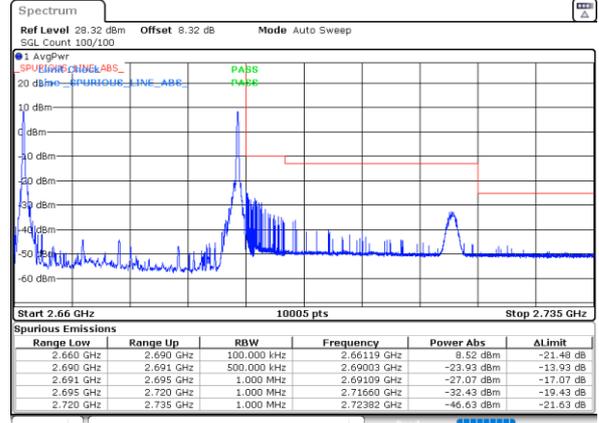
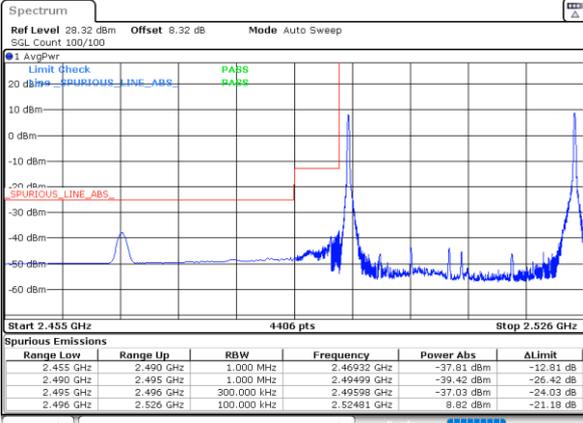


LTE Band 41C / 10MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

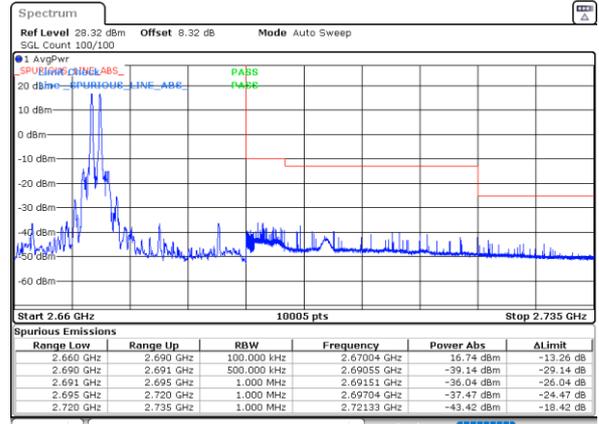
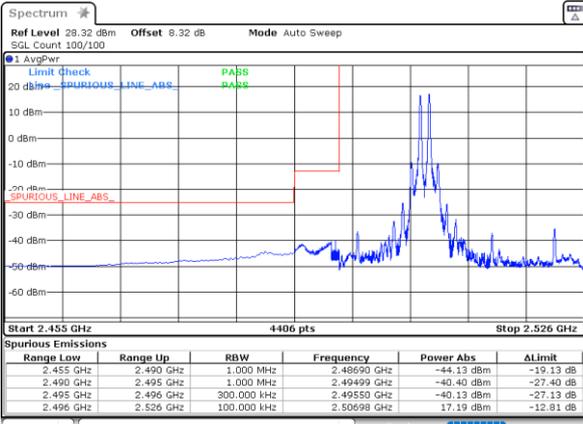


Date: 4.MAR.2025 02:19:33

Date: 4.MAR.2025 02:19:55

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

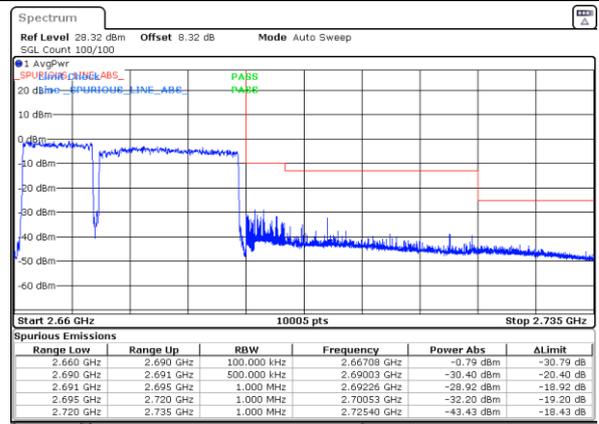


Date: 4.MAR.2025 02:14:31

Date: 4.MAR.2025 02:13:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.MAR.2025 02:24:35

Date: 4.MAR.2025 02:43:58

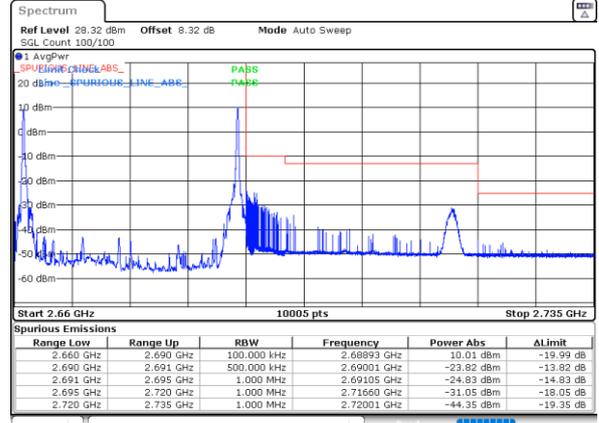
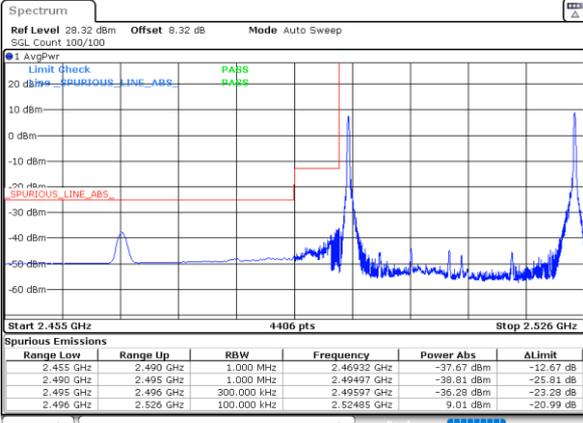


LTE Band 41C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

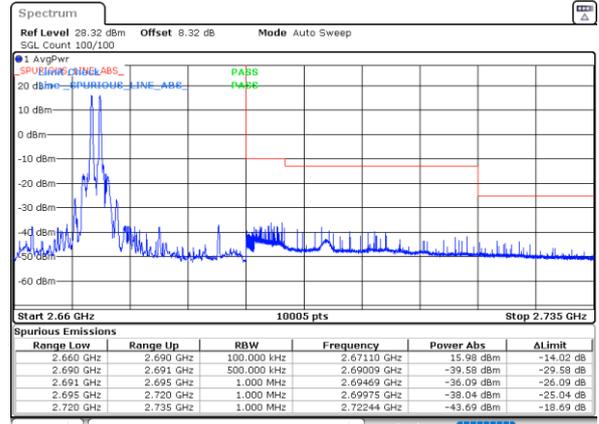
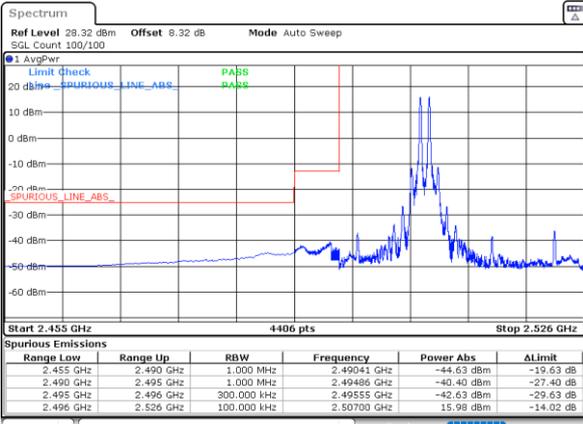


Date: 4.MAR.2025 02:10:48

Date: 4.MAR.2025 02:10:10

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

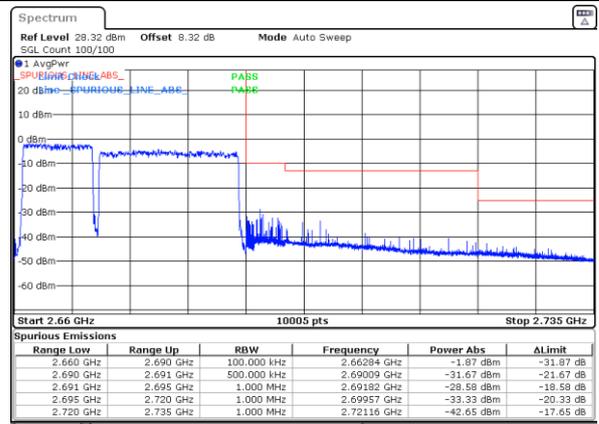


Date: 4.MAR.2025 02:15:46

Date: 4.MAR.2025 02:15:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.MAR.2025 02:25:51

Date: 4.MAR.2025 02:45:13

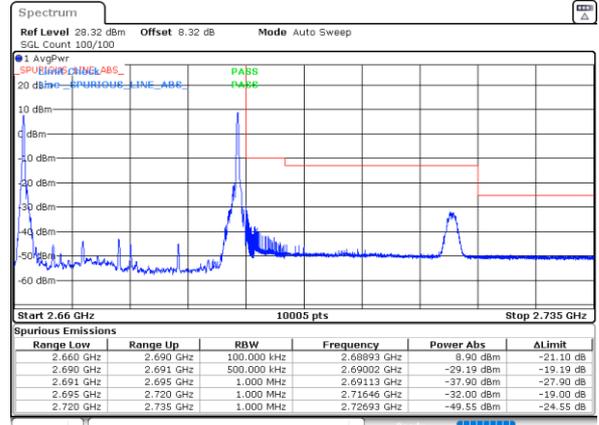
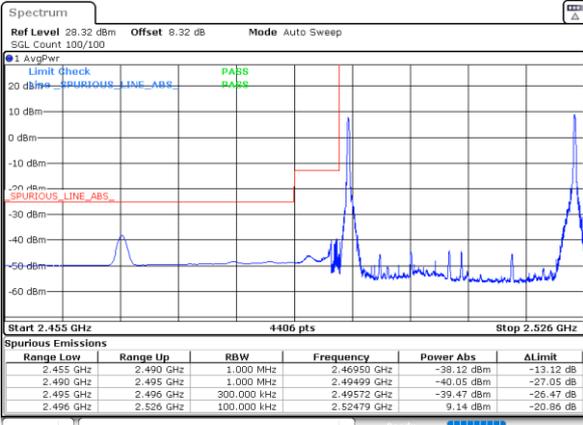


LTE Band 41C / 10MHz+20MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

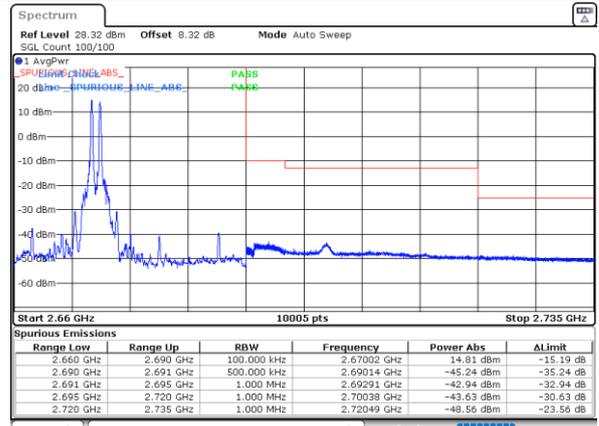
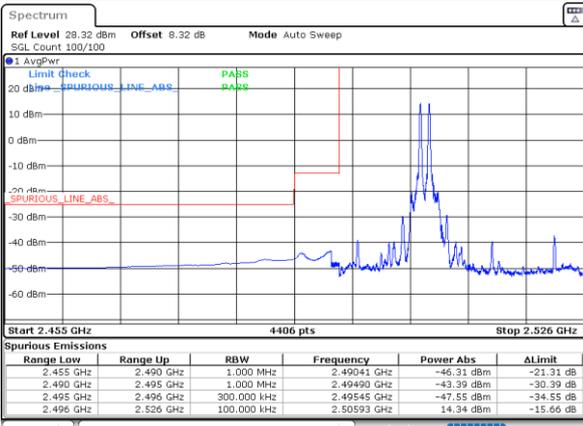


Date: 4.MAR.2025 02:12:03

Date: 4.MAR.2025 02:14:26

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

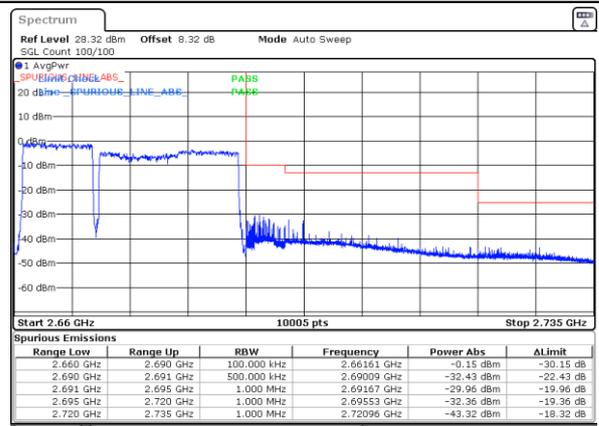
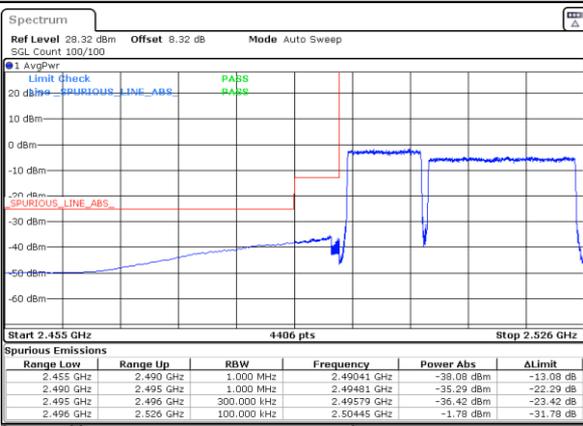


Date: 4.MAR.2025 02:17:02

Date: 4.MAR.2025 02:16:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.MAR.2025 02:27:07

Date: 4.MAR.2025 02:46:29

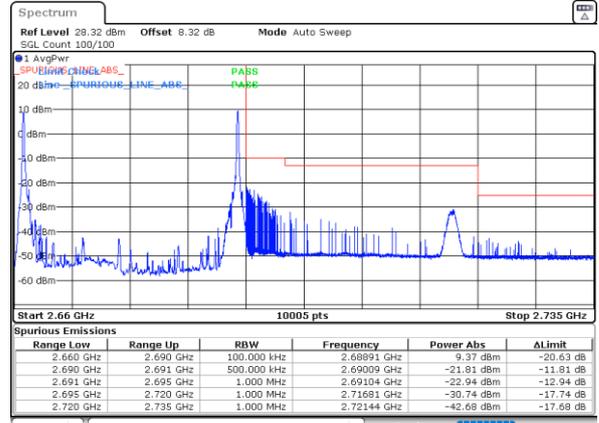
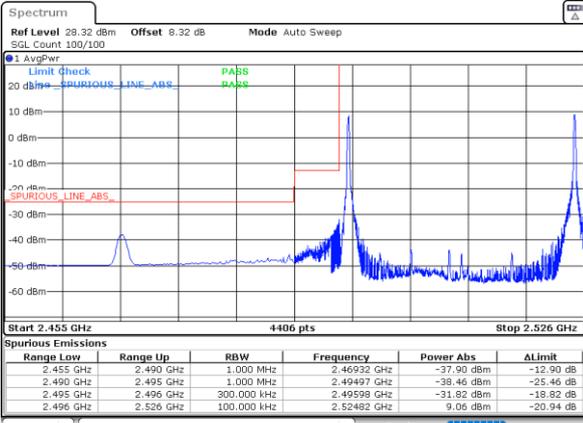


LTE Band 41C / 10MHz+20MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

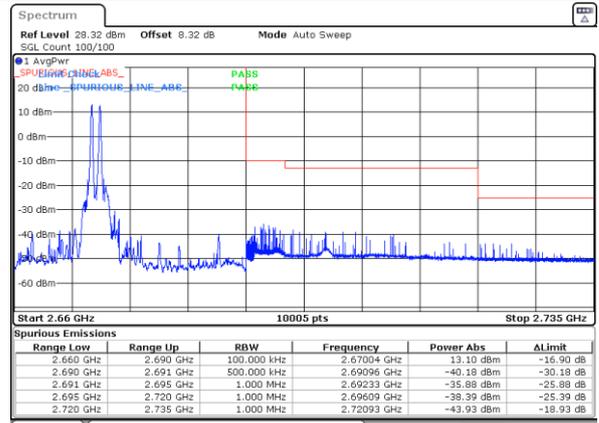
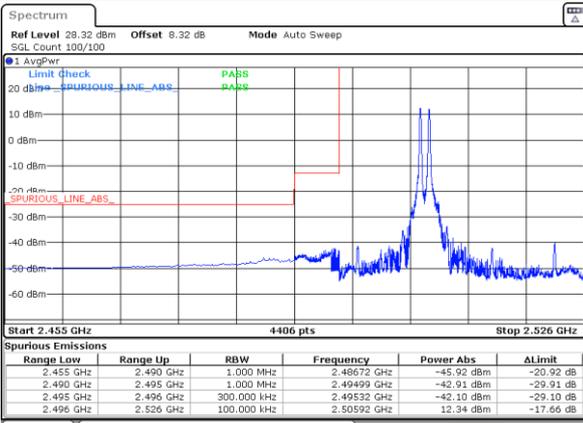


Date: 4.MAR.2025 02:12:12

Date: 4.MAR.2025 02:12:12

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

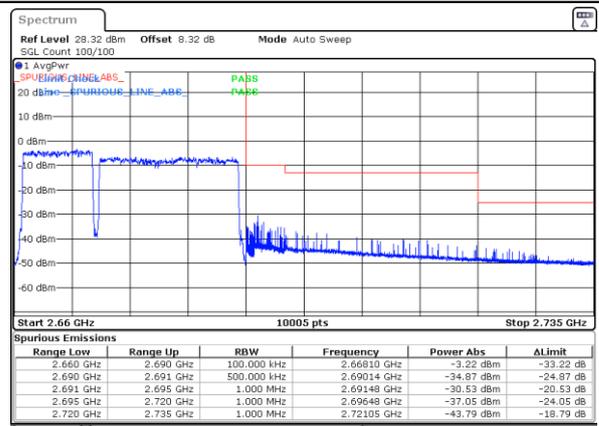
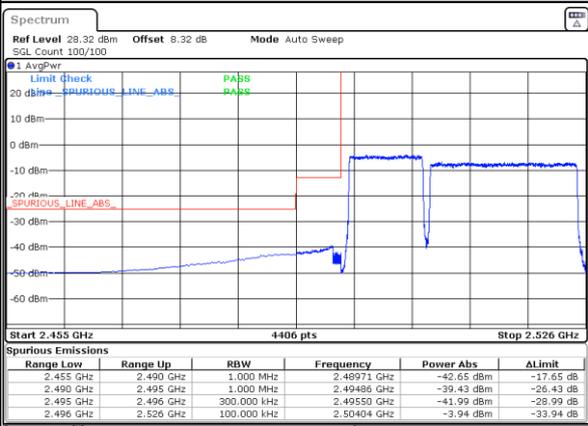


Date: 4.MAR.2025 02:18:18

Date: 4.MAR.2025 02:17:39

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.MAR.2025 02:18:23

Date: 4.MAR.2025 02:17:44