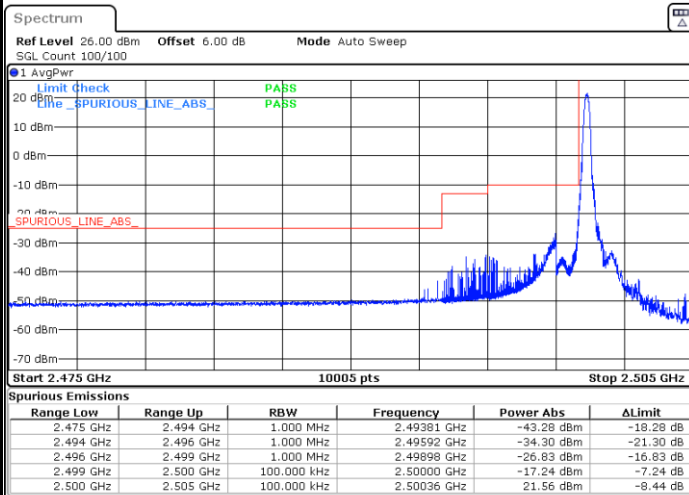




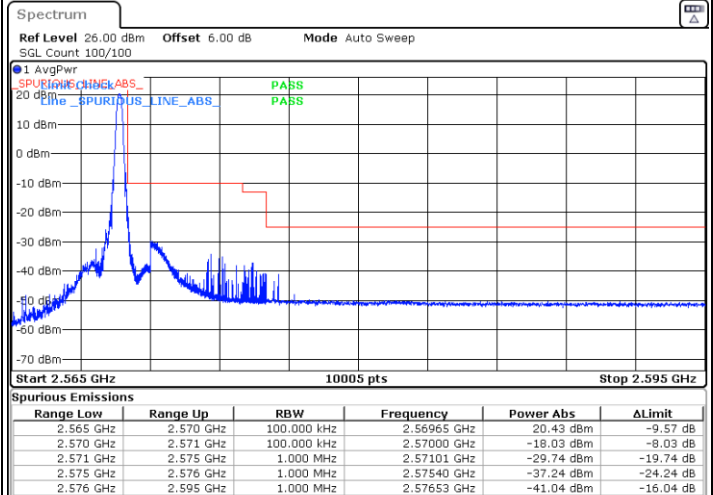
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



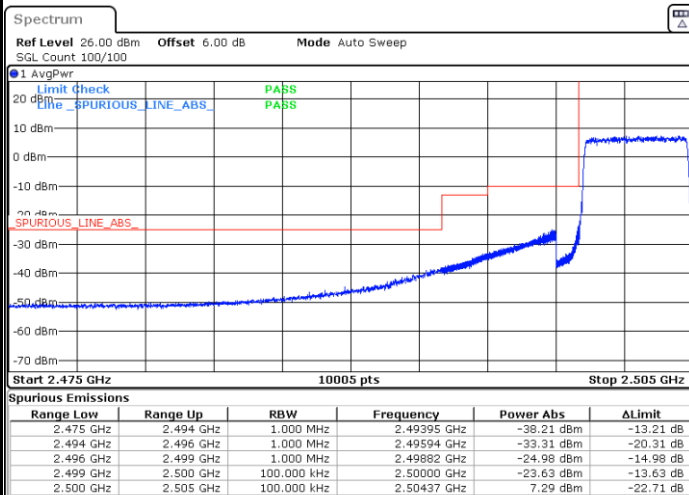
Date: 25.SEP.2024 02:19:04

Highest Band Edge / 1 RB



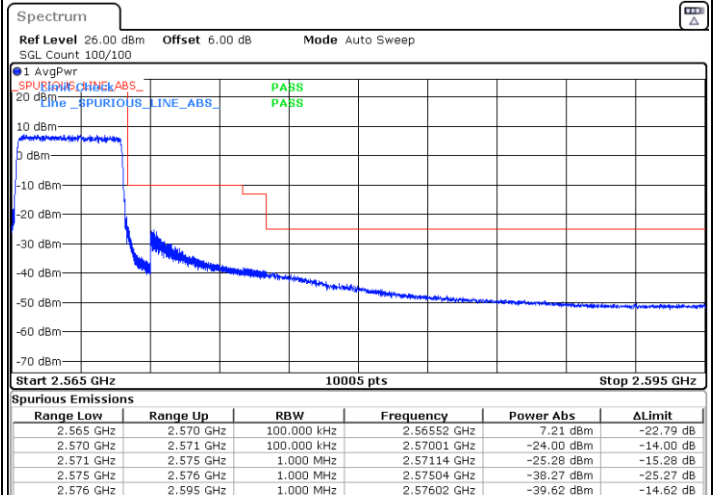
Date: 25.SEP.2024 02:51:52

Lowest Band Edge / Full RB



Date: 25.SEP.2024 02:49:48

Highest Band Edge / Full RB

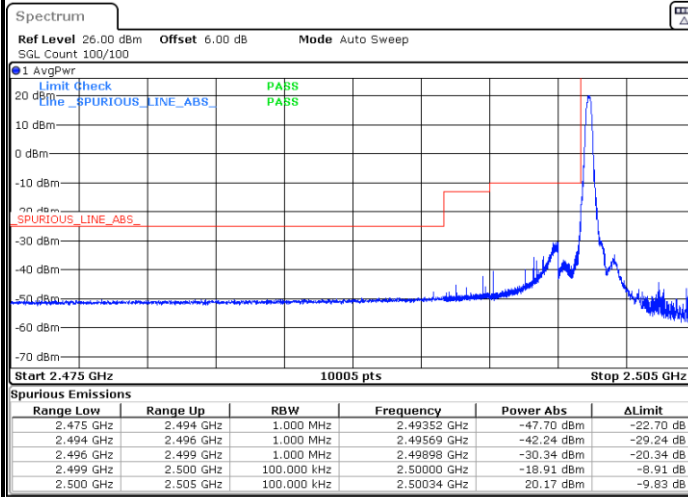


Date: 25.SEP.2024 02:55:19

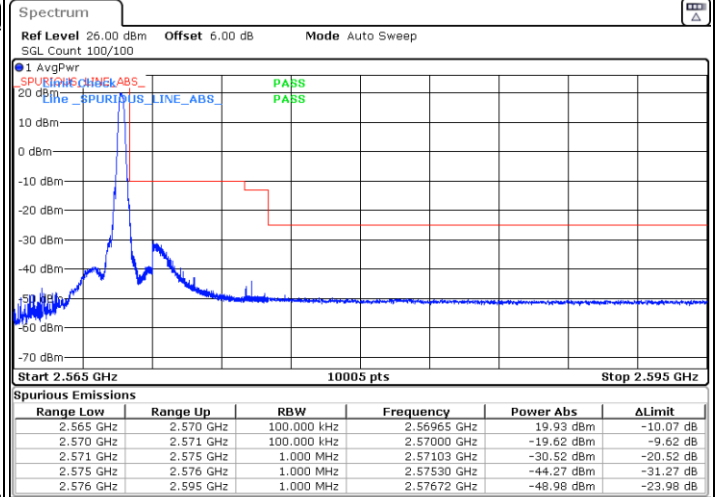


LTE Band 7 / 5MHz / 64QAM

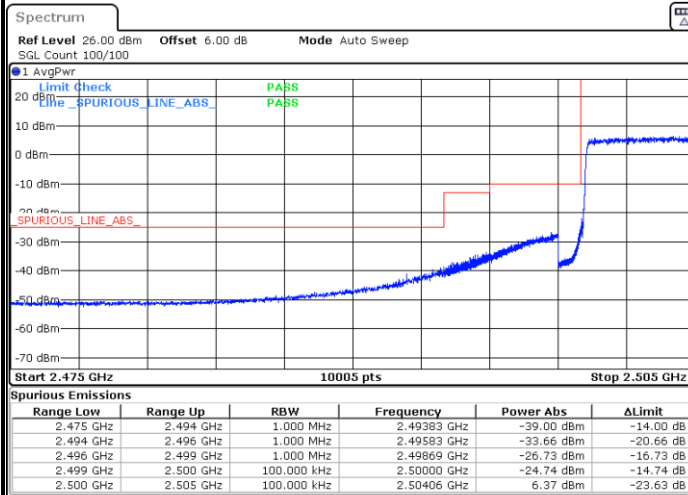
Lowest Band Edge / 1RB



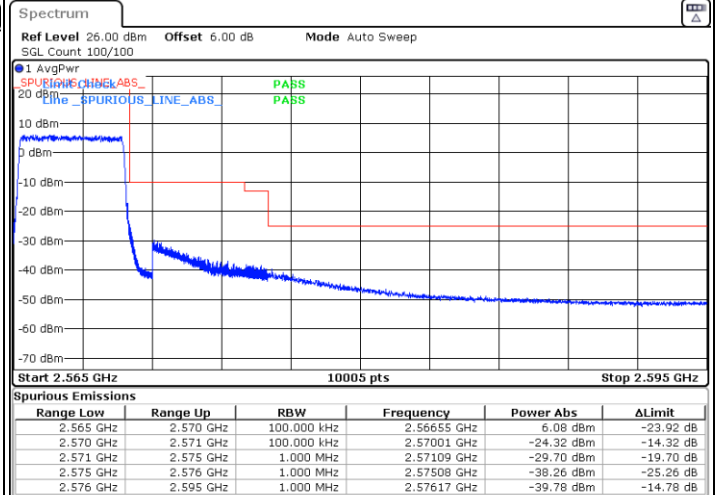
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



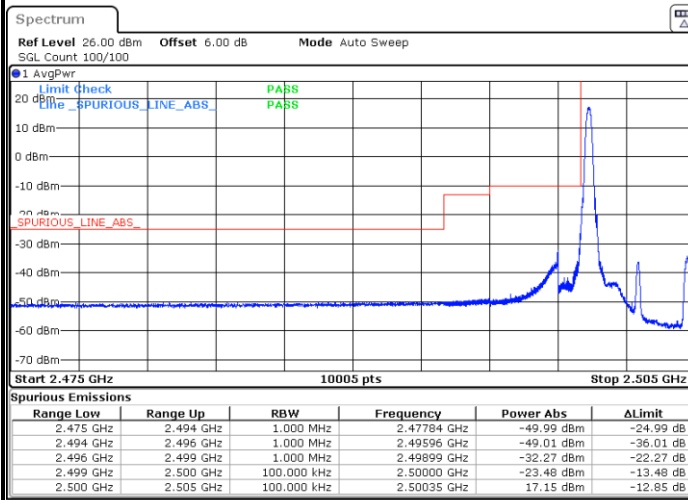
Highest Band Edge / Full RB





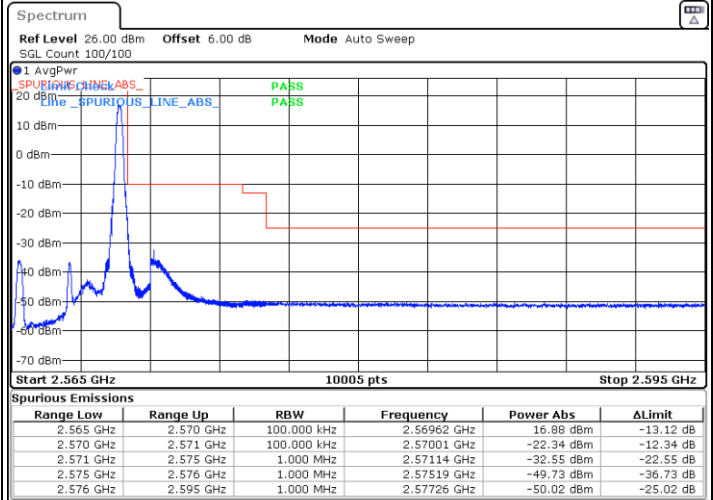
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



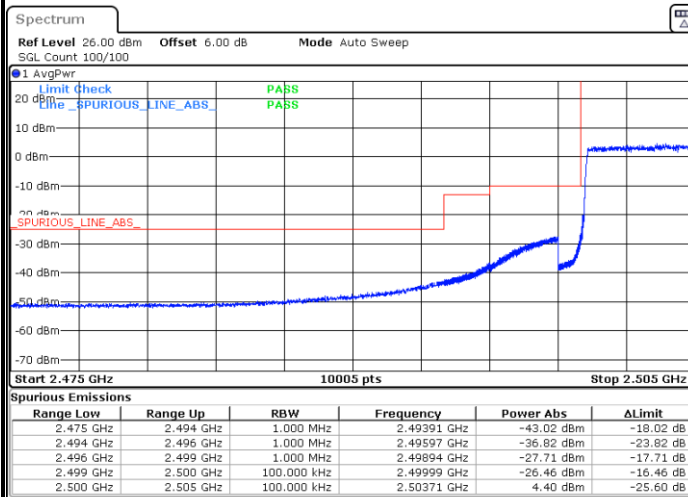
Date: 25.SEP.2024 07:19:59

Highest Band Edge / 1 RB



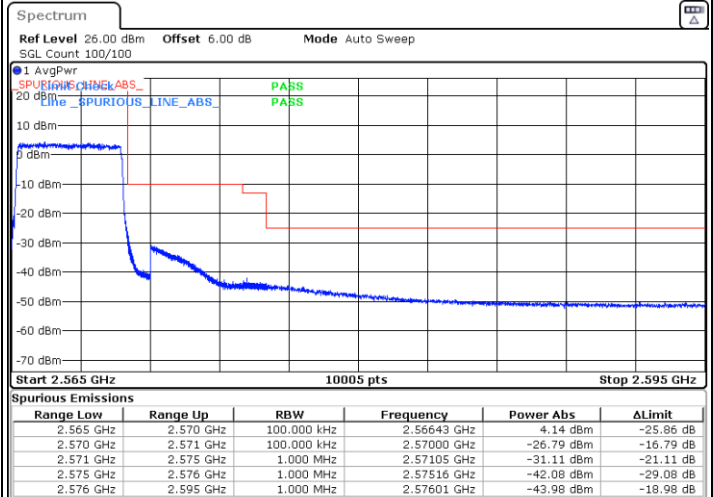
Date: 25.SEP.2024 02:53:15

Lowest Band Edge / Full RB



Date: 25.SEP.2024 02:48:25

Highest Band Edge / Full RB

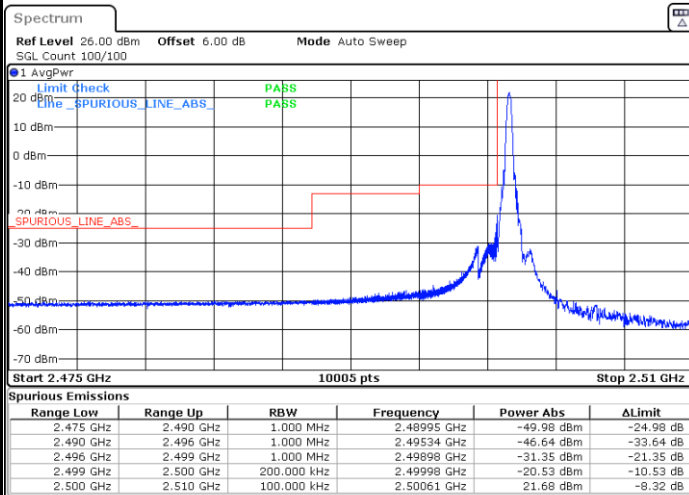


Date: 25.SEP.2024 02:53:56

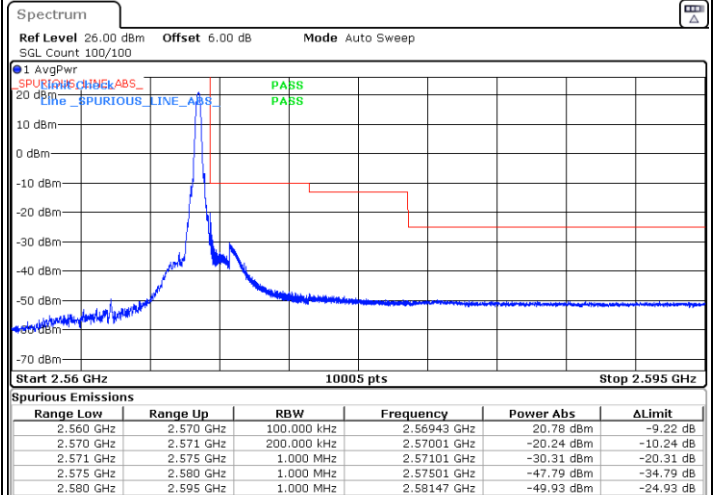


LTE Band 7 / 10MHz / QPSK

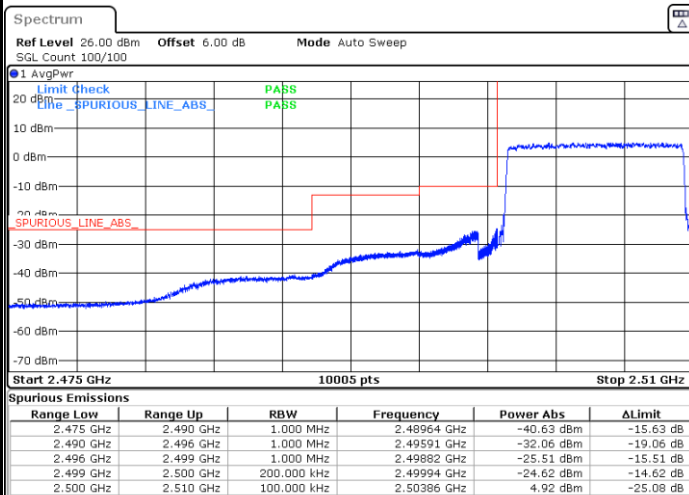
Lowest Band Edge / 1 RB



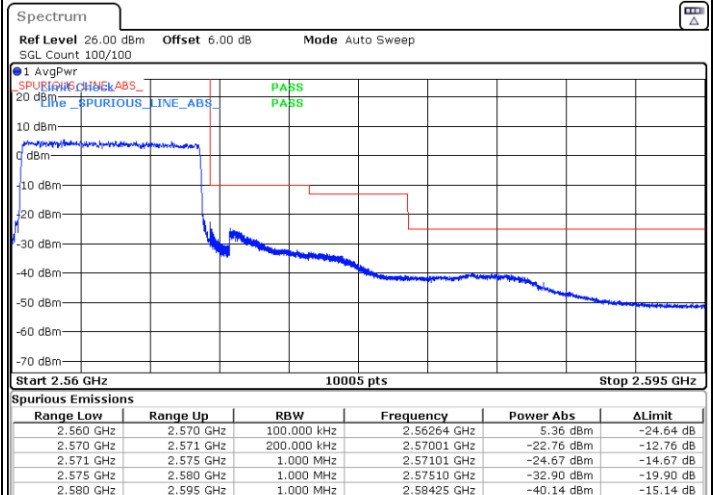
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



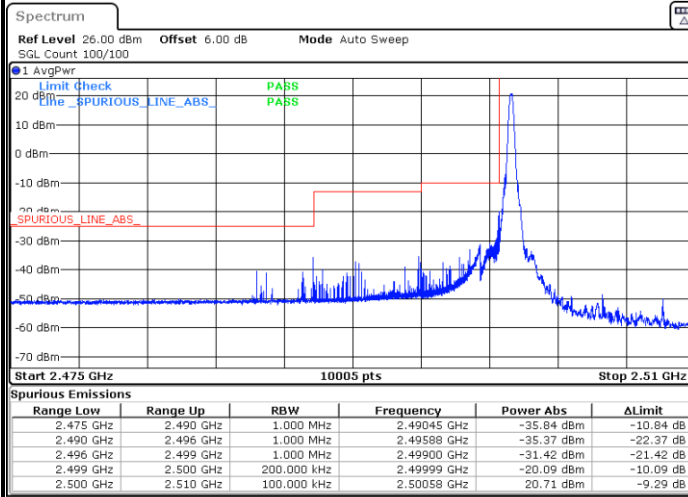
Highest Band Edge / Full RB



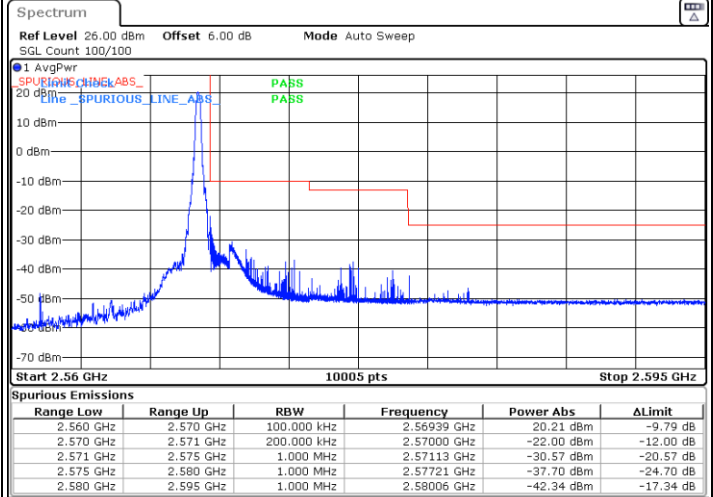


LTE Band 7 / 10MHz / 16QAM

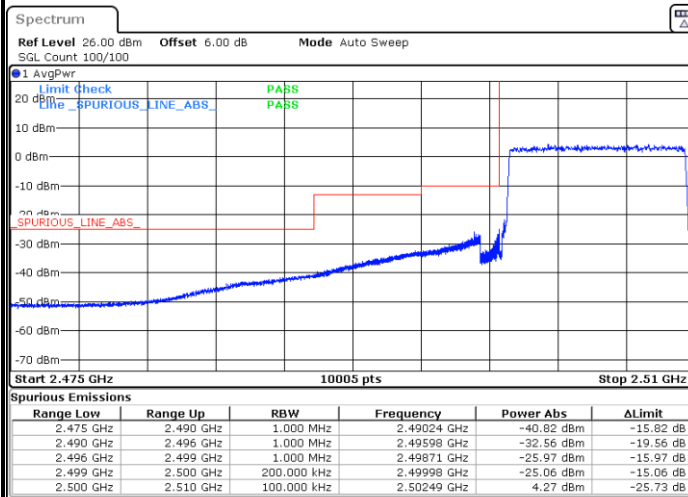
Lowest Band Edge / 1 RB



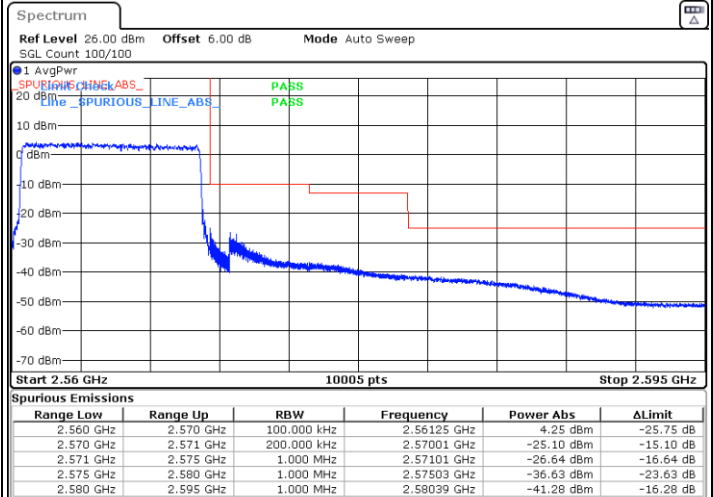
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



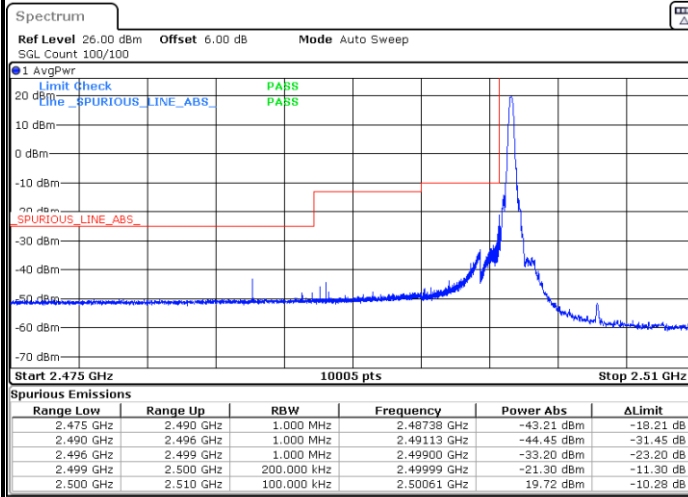
Highest Band Edge / Full RB



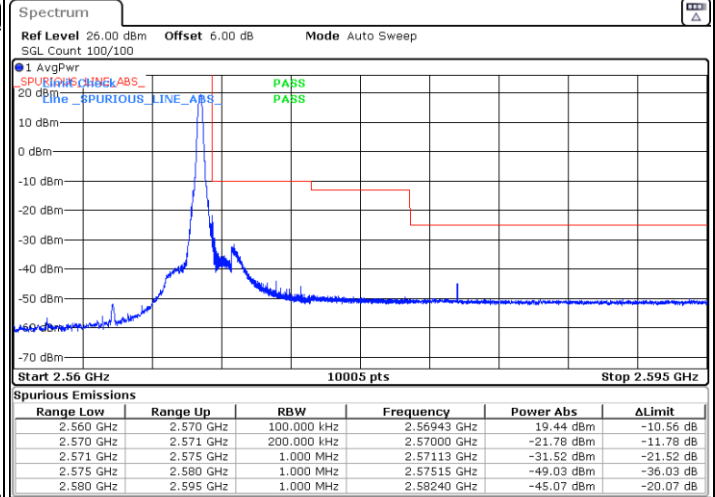


LTE Band 7 / 10MHz / 64QAM

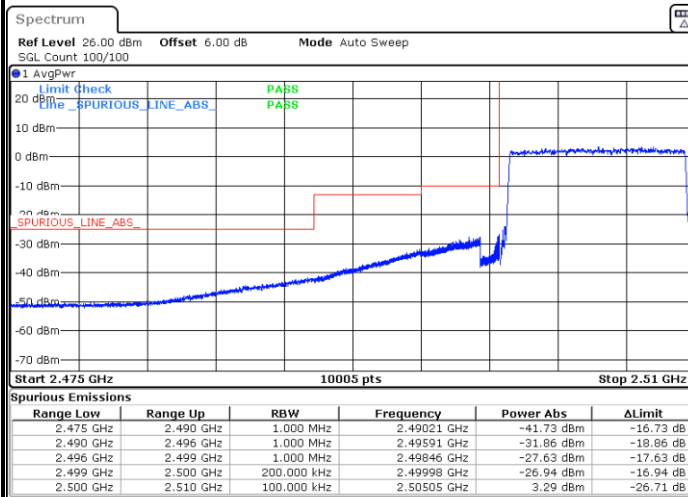
Lowest Band Edge / 1 RB



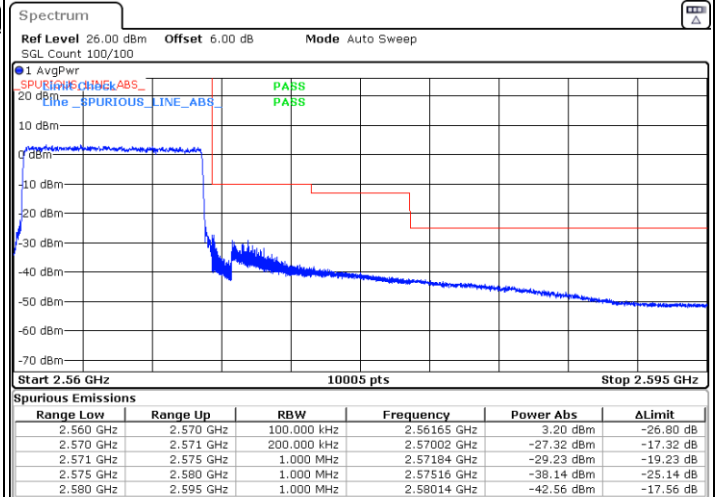
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



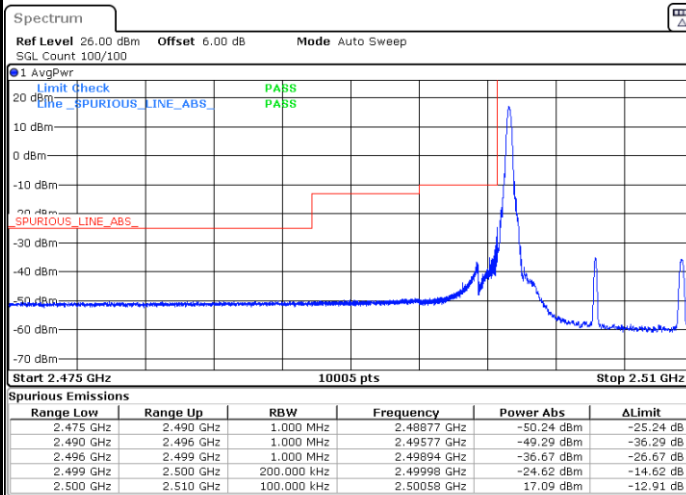
Highest Band Edge / Full RB





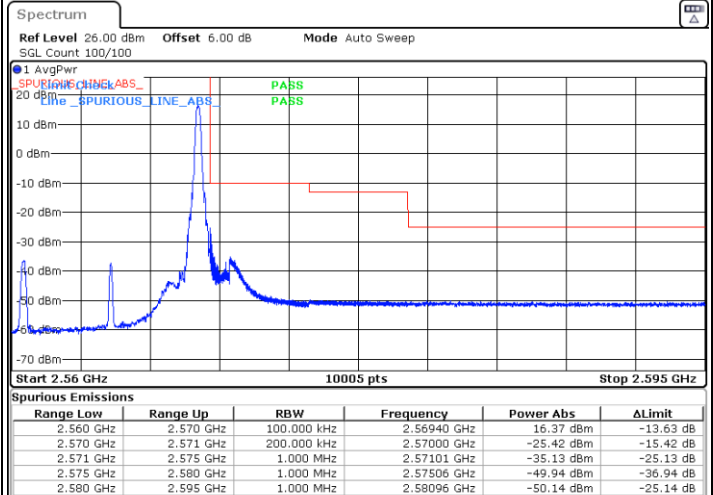
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



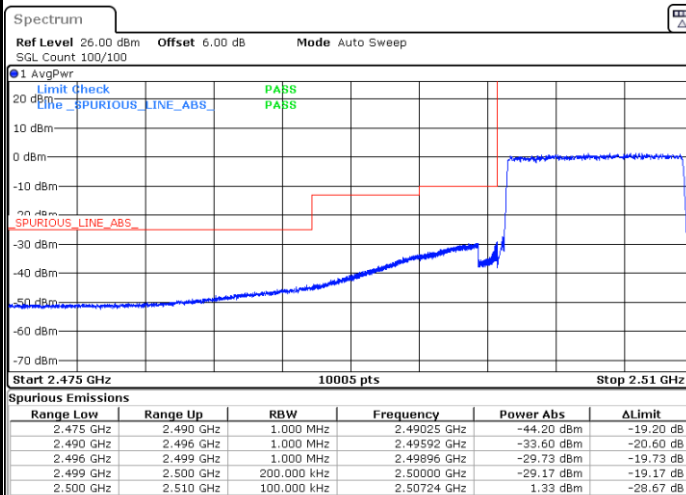
Date: 25.SEP.2024 03:25:58

Highest Band Edge / 1 RB



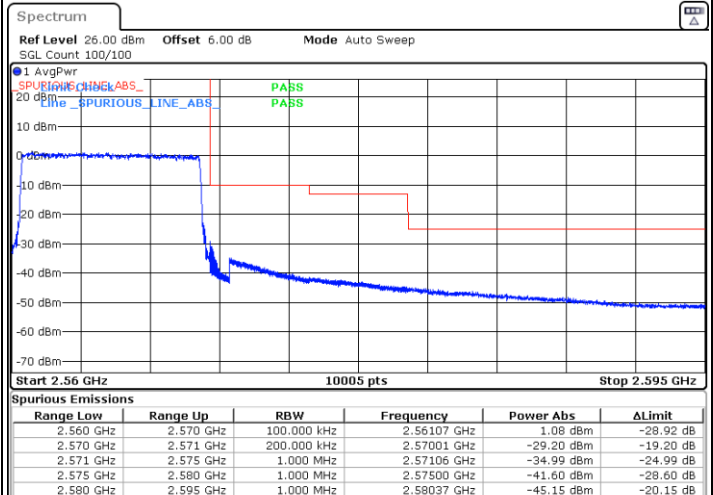
Date: 25.SEP.2024 03:34:45

Lowest Band Edge / Full RB



Date: 25.SEP.2024 03:23:00

Highest Band Edge / Full RB

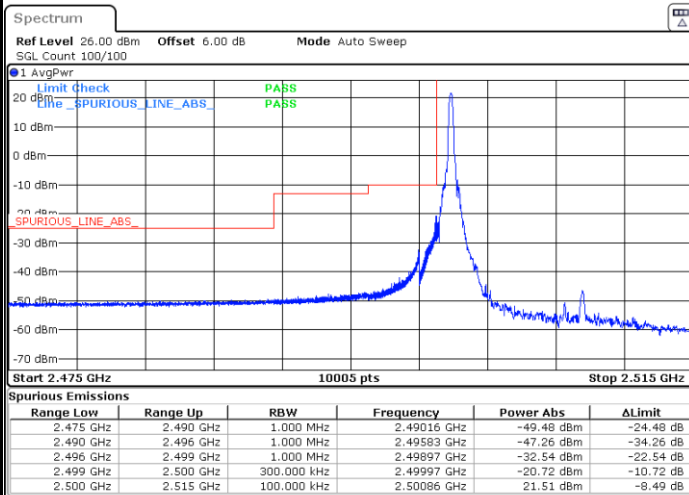


Date: 25.SEP.2024 03:37:42

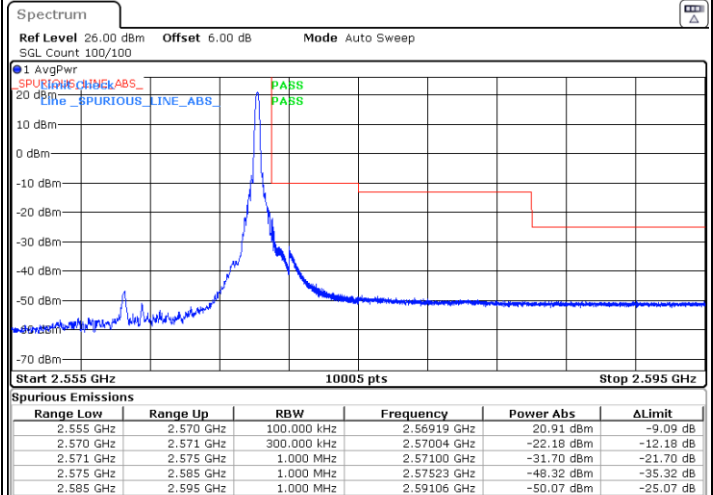


LTE Band 7 / 15MHz / QPSK

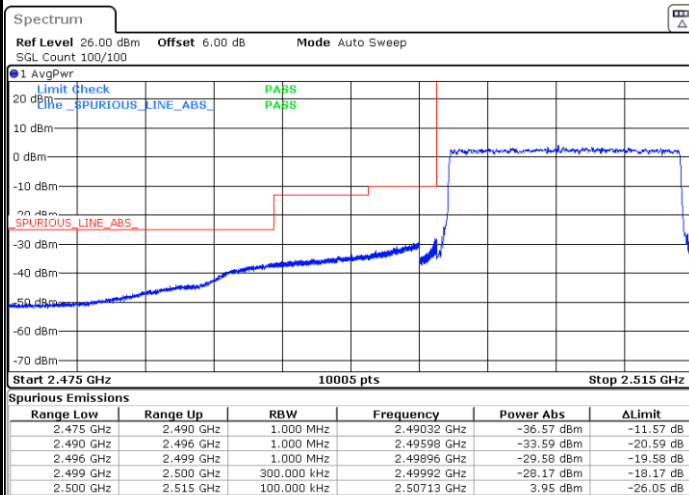
Lowest Band Edge / 1 RB



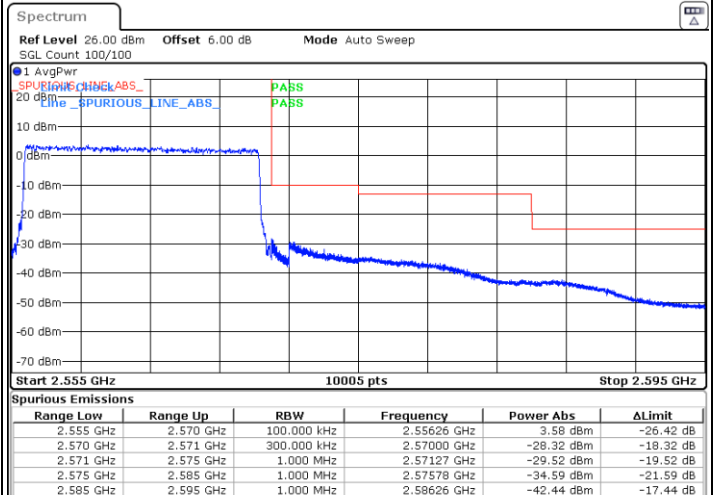
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



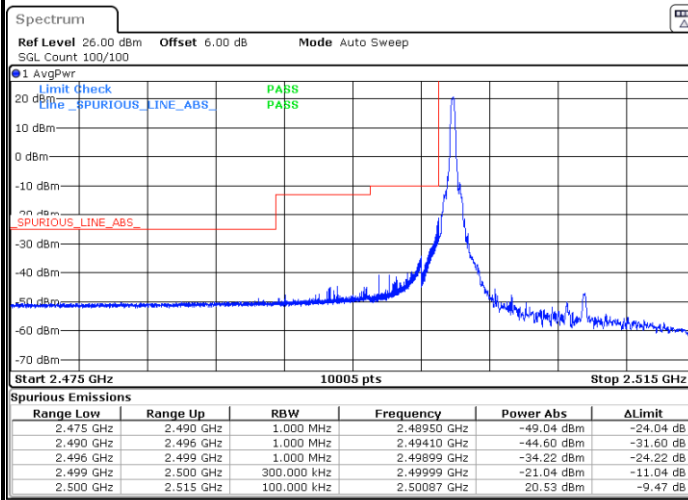
Highest Band Edge / Full RB



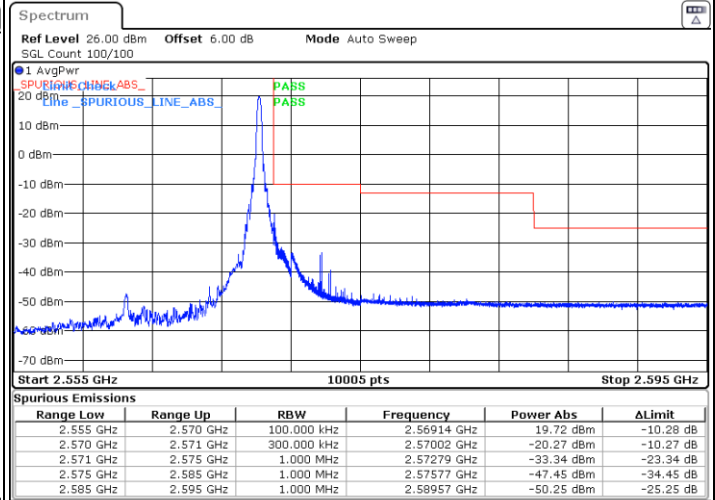


LTE Band 7 / 15MHz / 16QAM

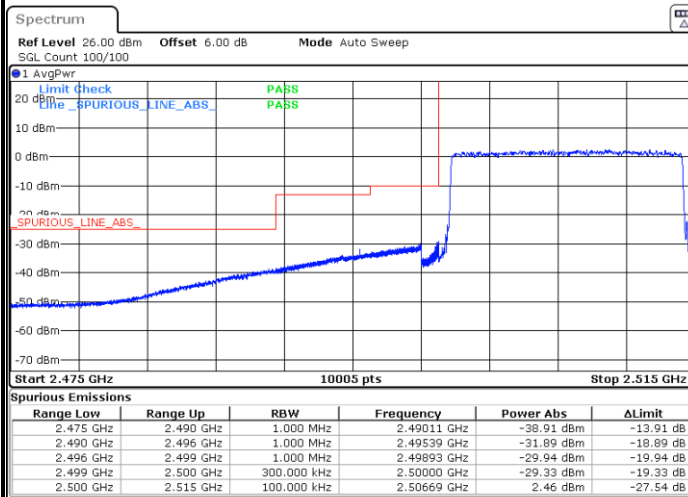
Lowest Band Edge / 1 RB



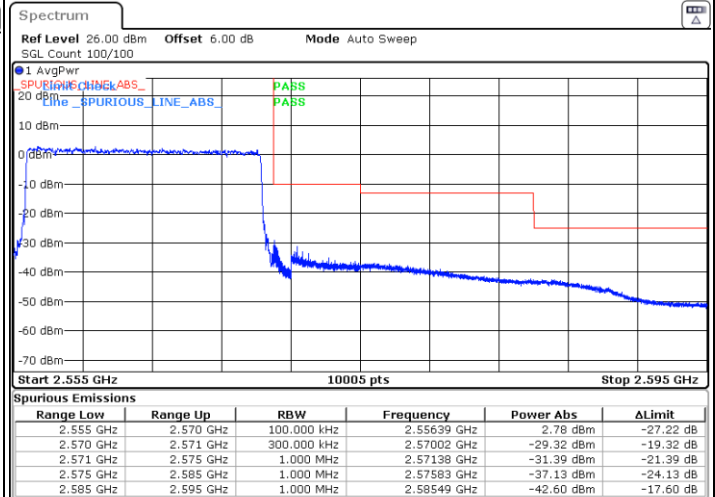
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



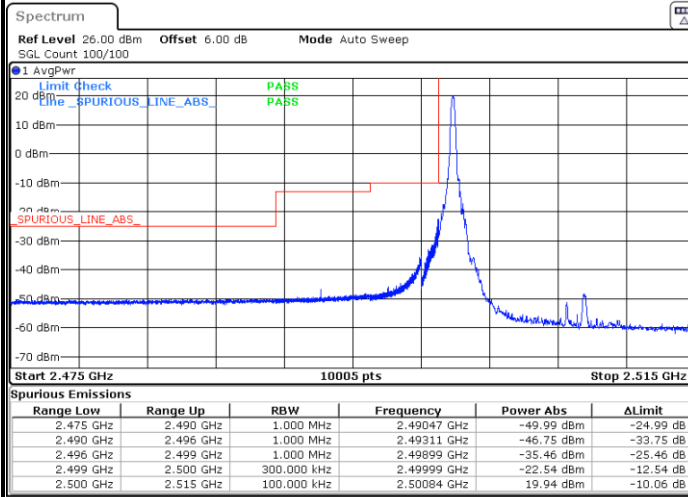
Highest Band Edge / Full RB



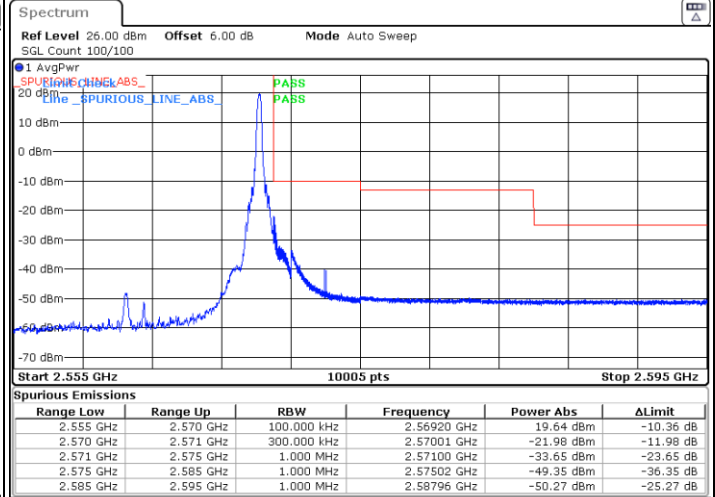


LTE Band 7 / 15MHz / 64QAM

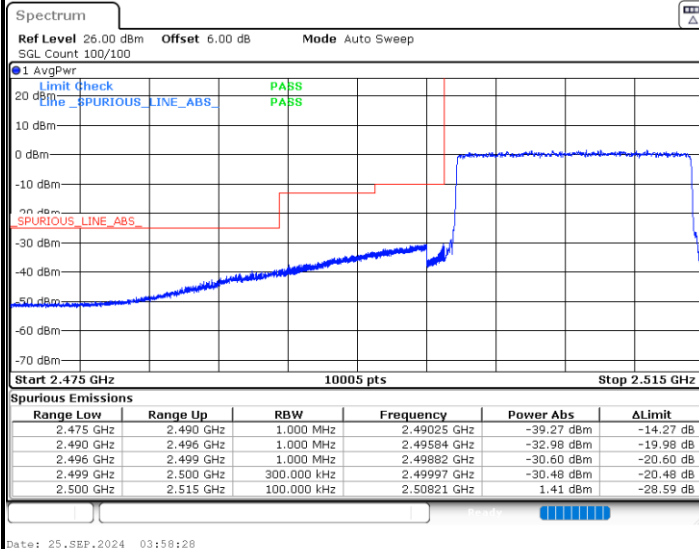
Lowest Band Edge / 1 RB



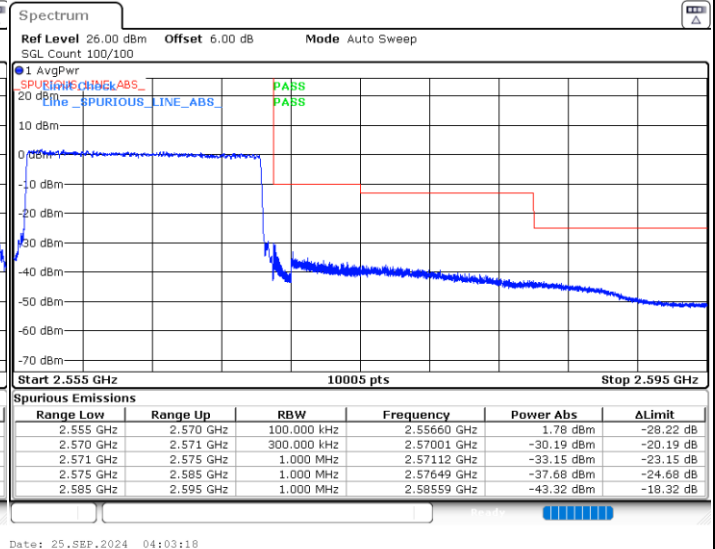
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



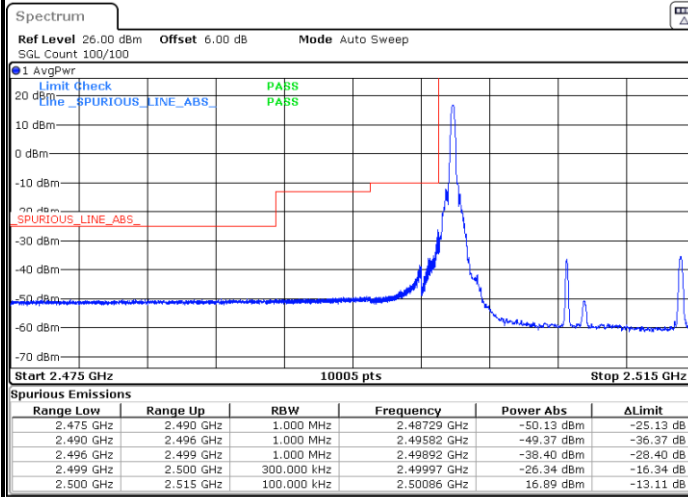
Highest Band Edge / Full RB



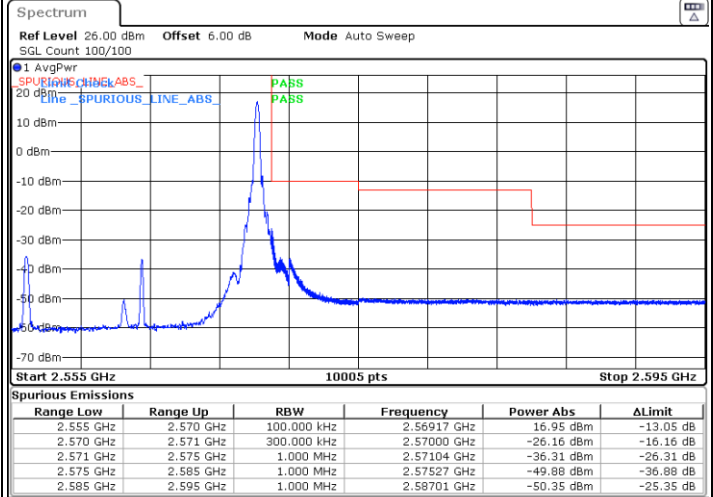


LTE Band 7 / 15MHz / 256QAM

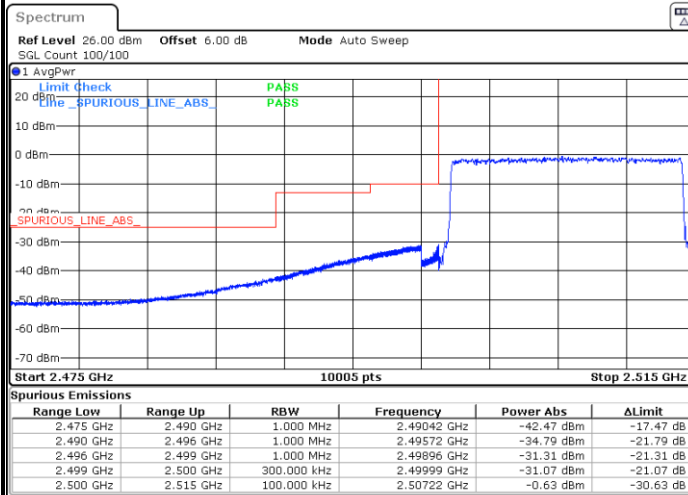
Lowest Band Edge / 1 RB



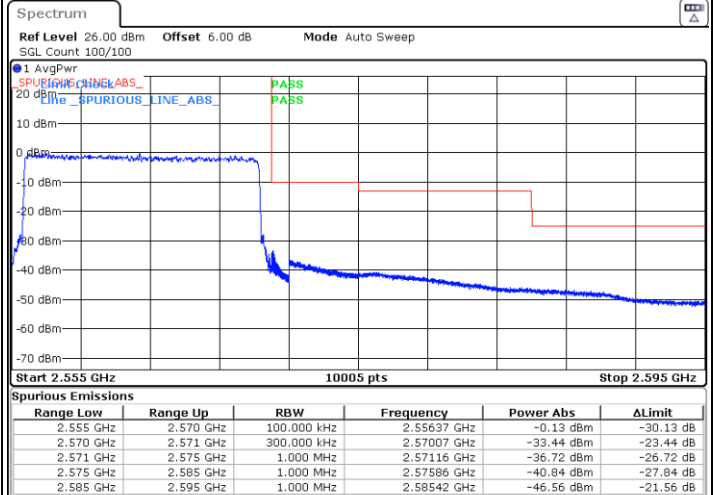
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



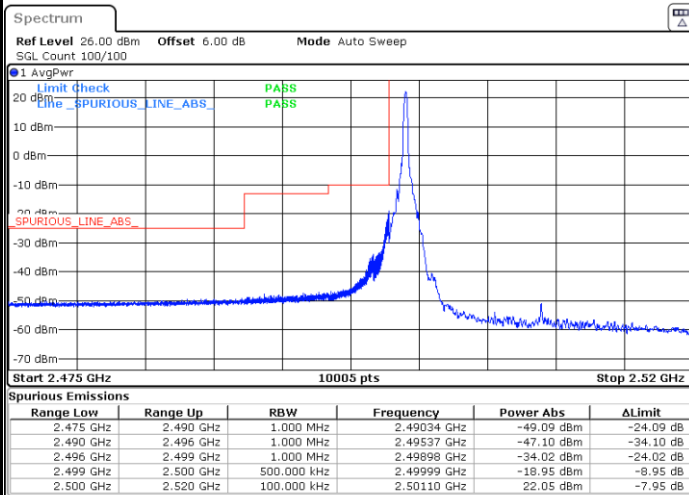
Highest Band Edge / Full RB





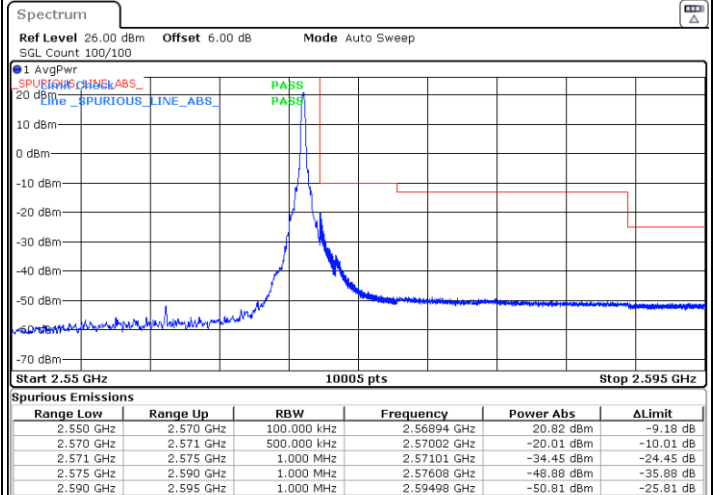
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



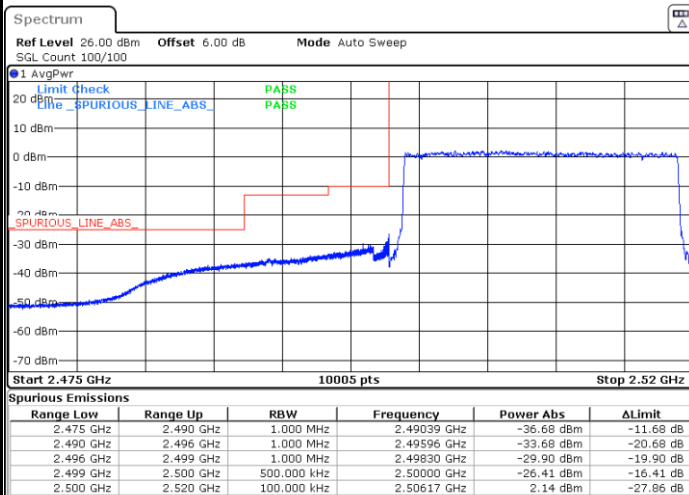
Date: 25.SEP.2024 04:05:08

Highest Band Edge / 1 RB



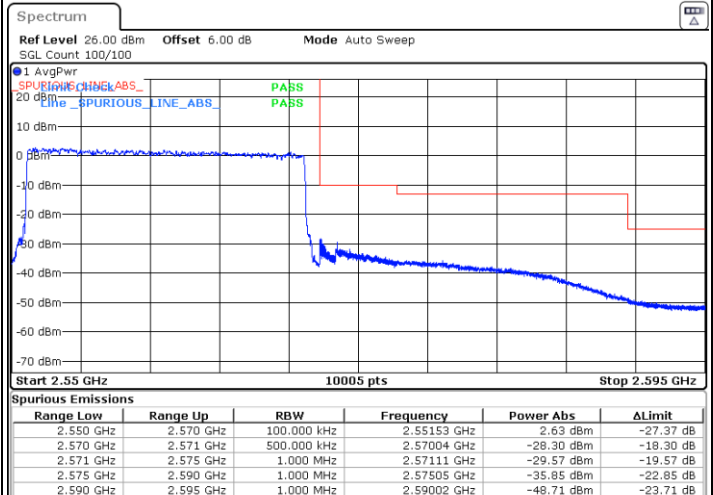
Date: 25.SEP.2024 04:09:57

Lowest Band Edge / Full RB



Date: 25.SEP.2024 04:09:21

Highest Band Edge / Full RB

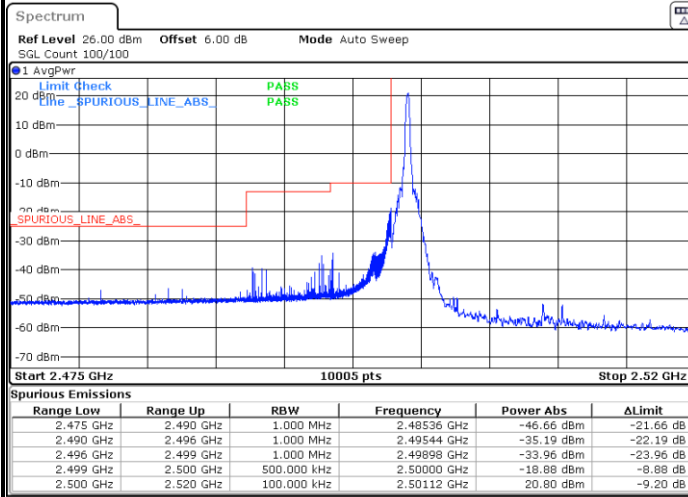


Date: 25.SEP.2024 04:12:58

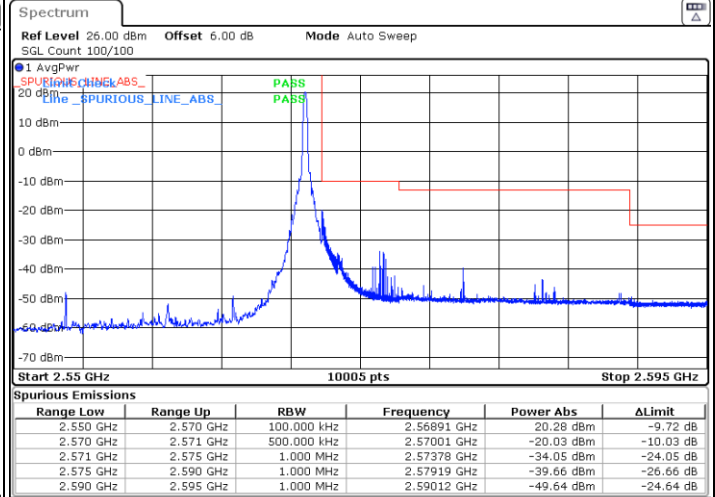


LTE Band 7 / 20MHz / 16QAM

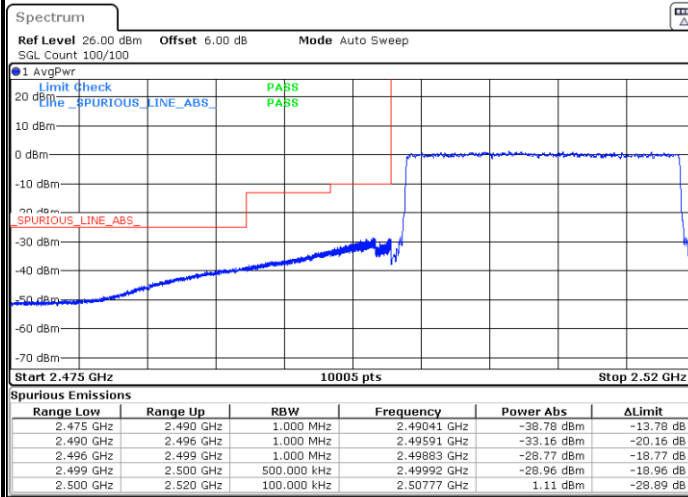
Lowest Band Edge / 1 RB



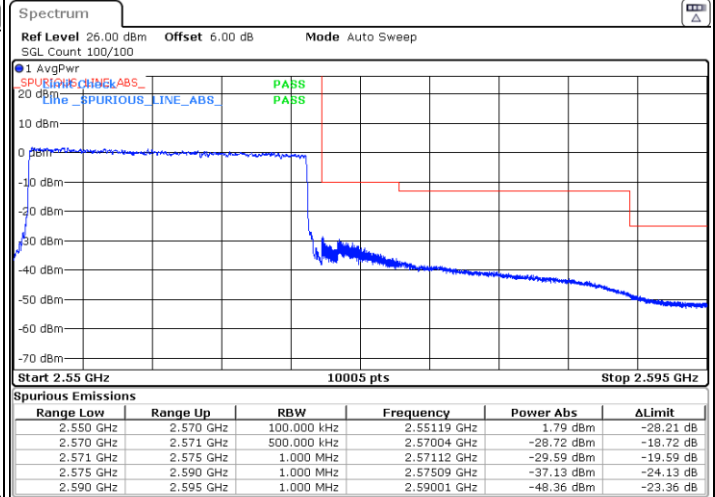
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



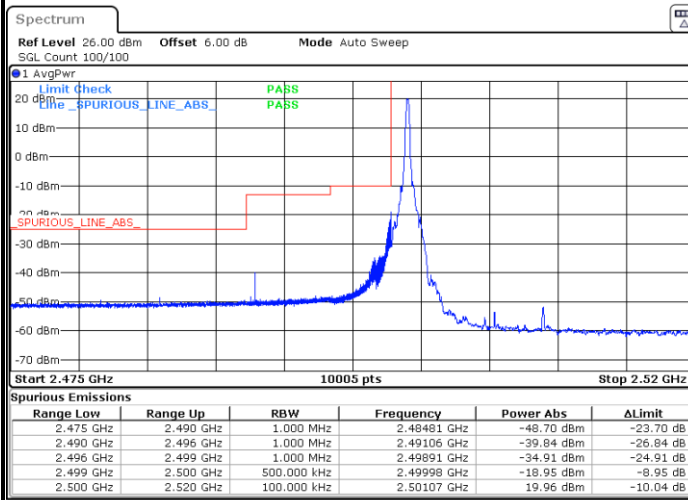
Highest Band Edge / Full RB



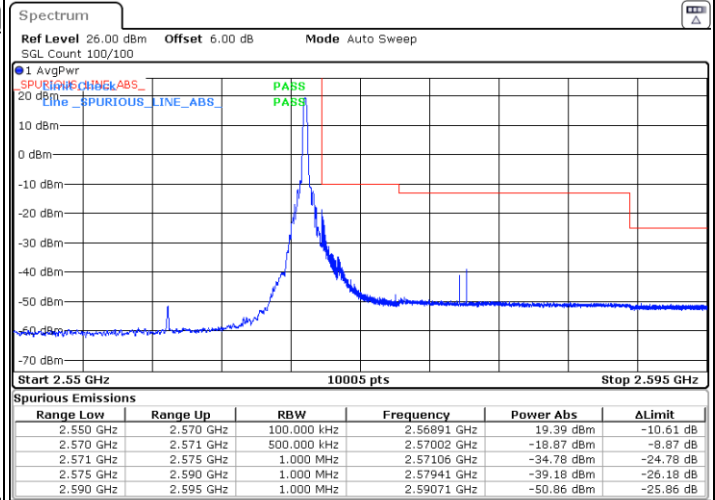


LTE Band 7 / 20MHz / 64QAM

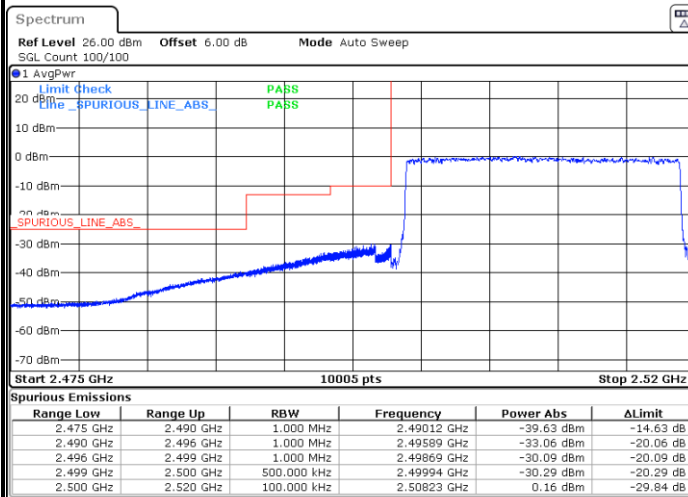
Lowest Band Edge / 1 RB



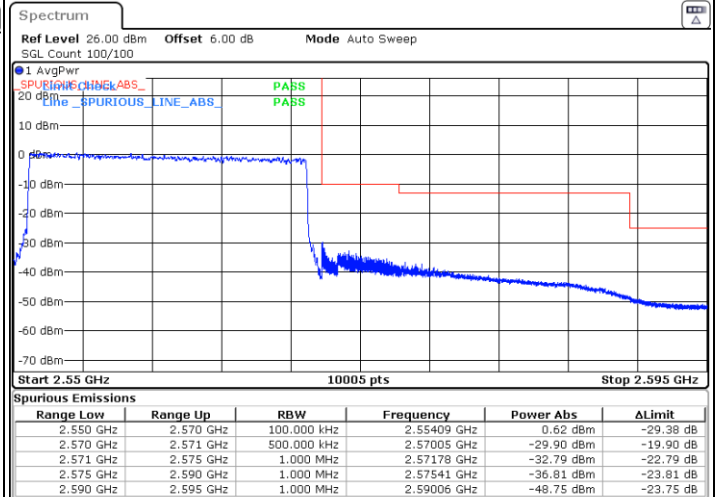
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



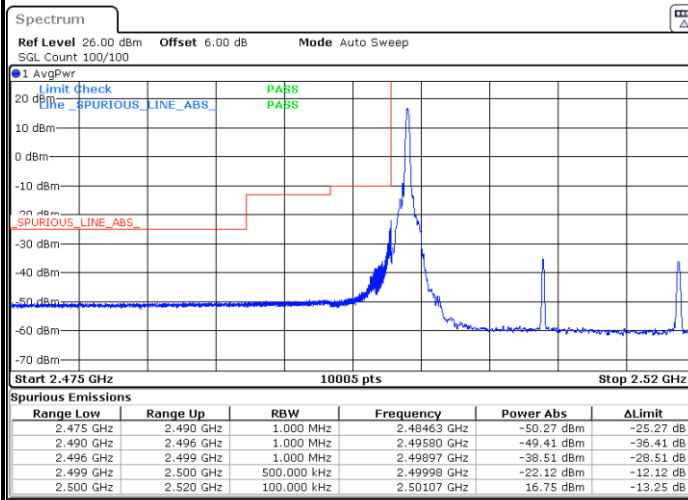
Highest Band Edge / Full RB



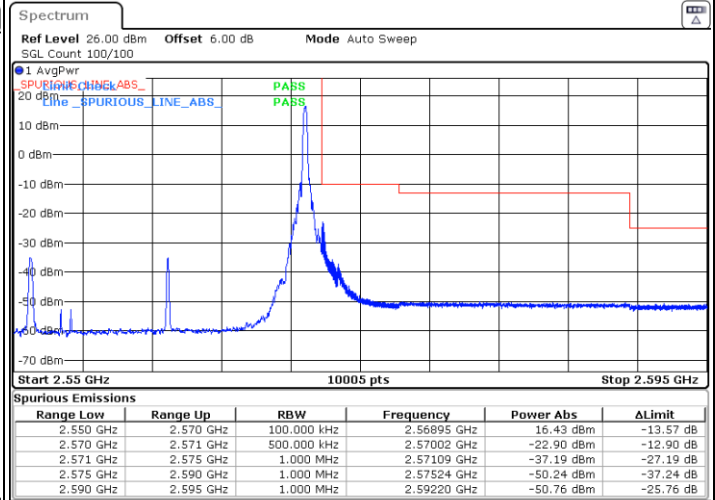


LTE Band 7 / 20MHz / 256QAM

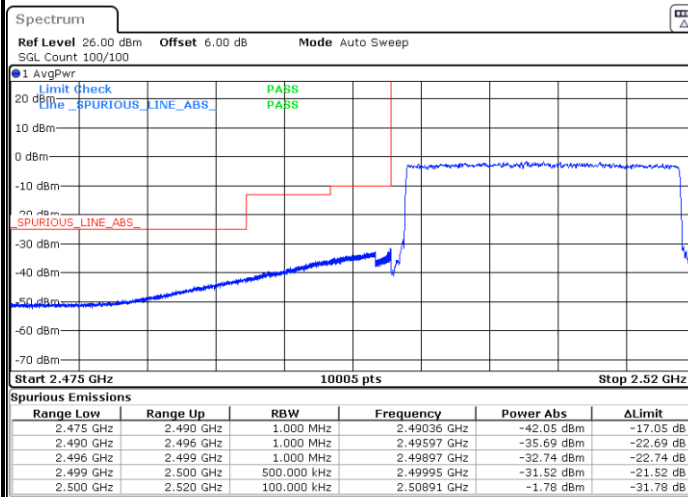
Lowest Band Edge / 1 RB



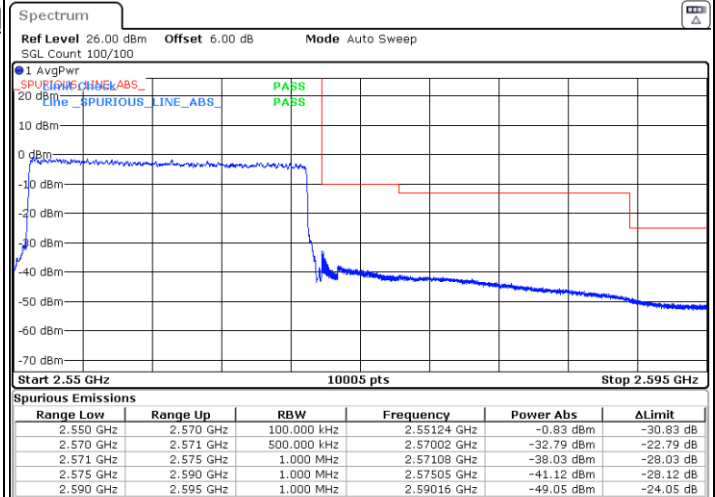
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

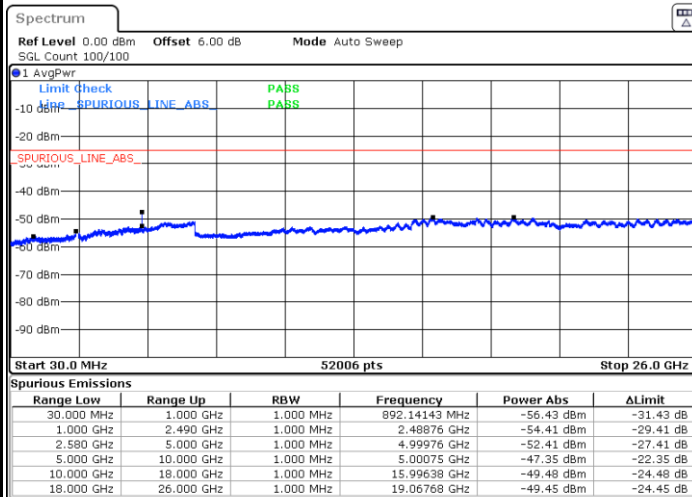




Conducted Spurious Emission

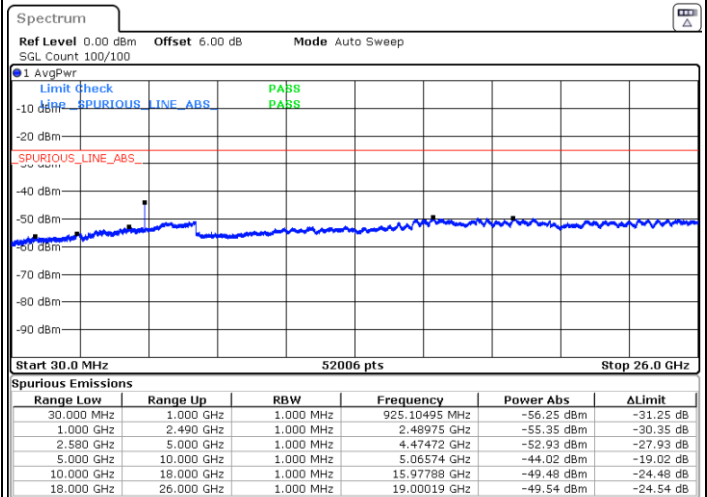
LTE Band 7 / 5MHz

Lowest Channel / QPSK



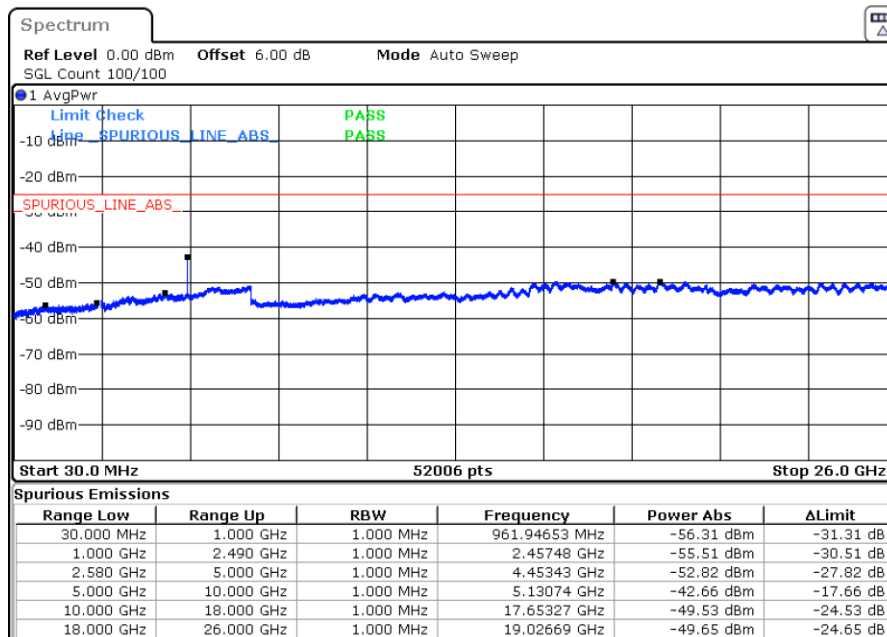
Date: 25.SEP.2024 07:21:47

Middle Channel / QPSK



Date: 25.SEP.2024 07:23:13

Highest Channel / QPSK



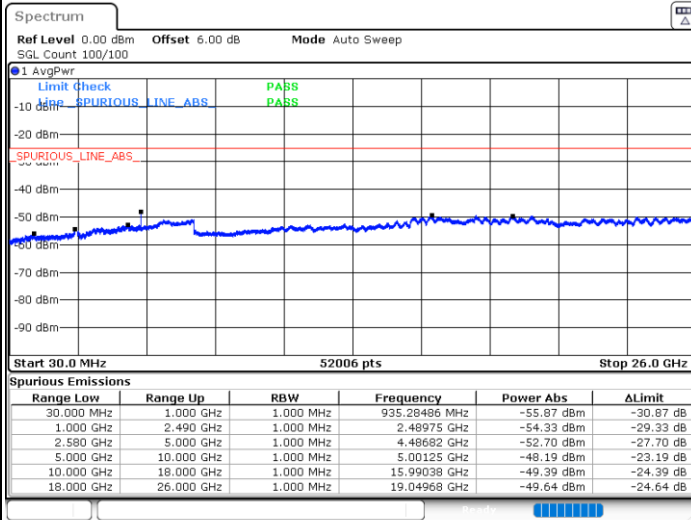
Date: 25.SEP.2024 07:24:38



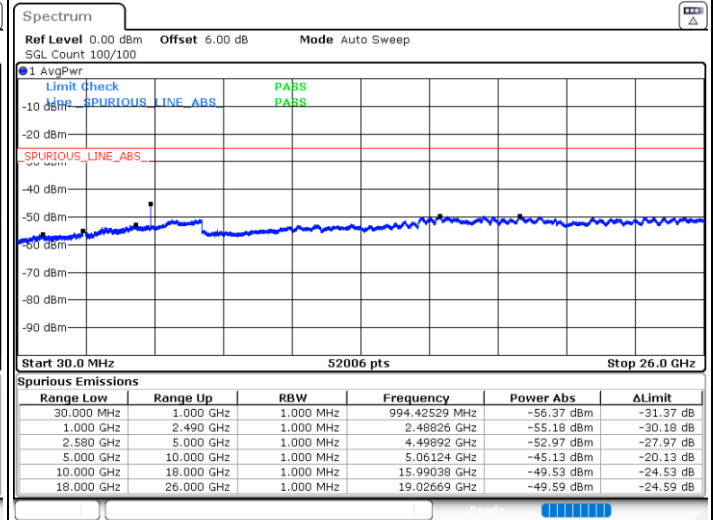
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

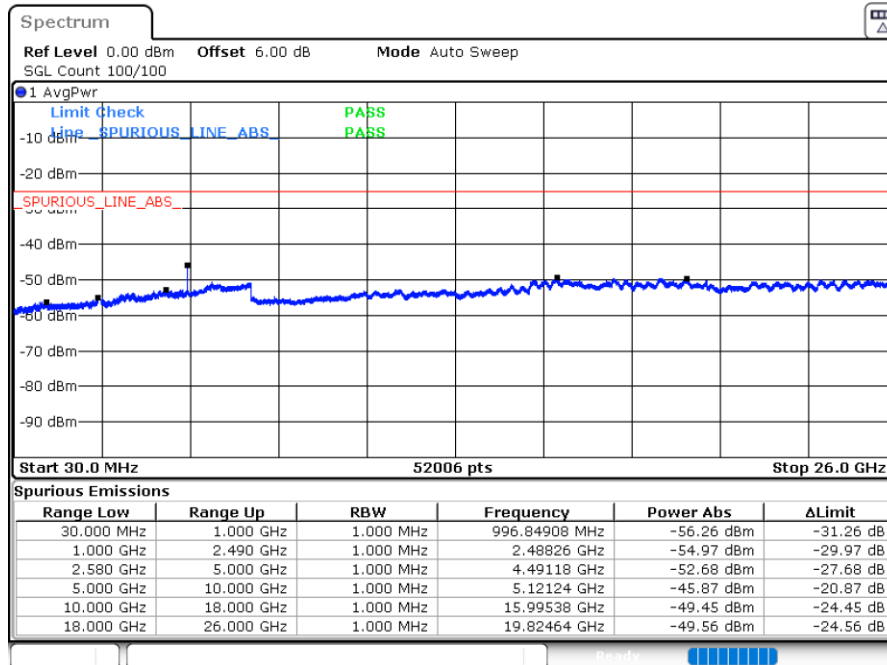


Date: 25.SEP.2024 07:26:04



Date: 25.SEP.2024 07:27:29

Highest Channel / QPSK

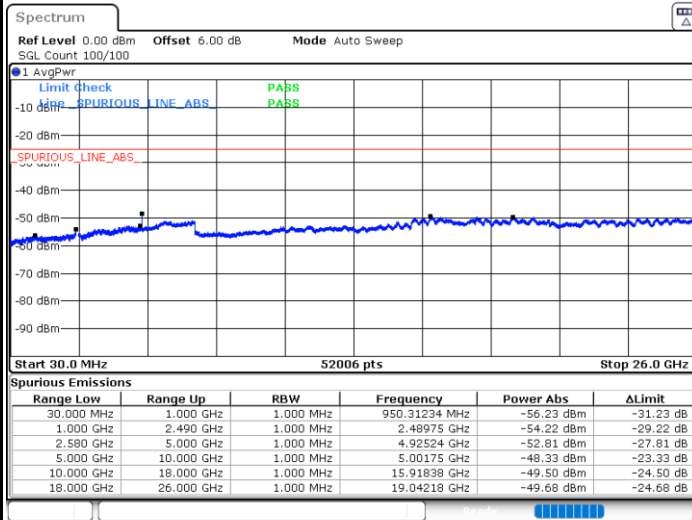


Date: 25.SEP.2024 07:28:55

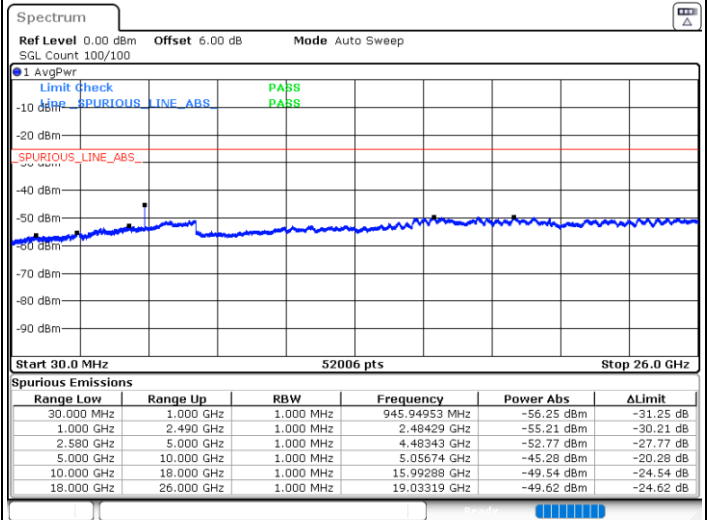


LTE Band 7 / 15MHz

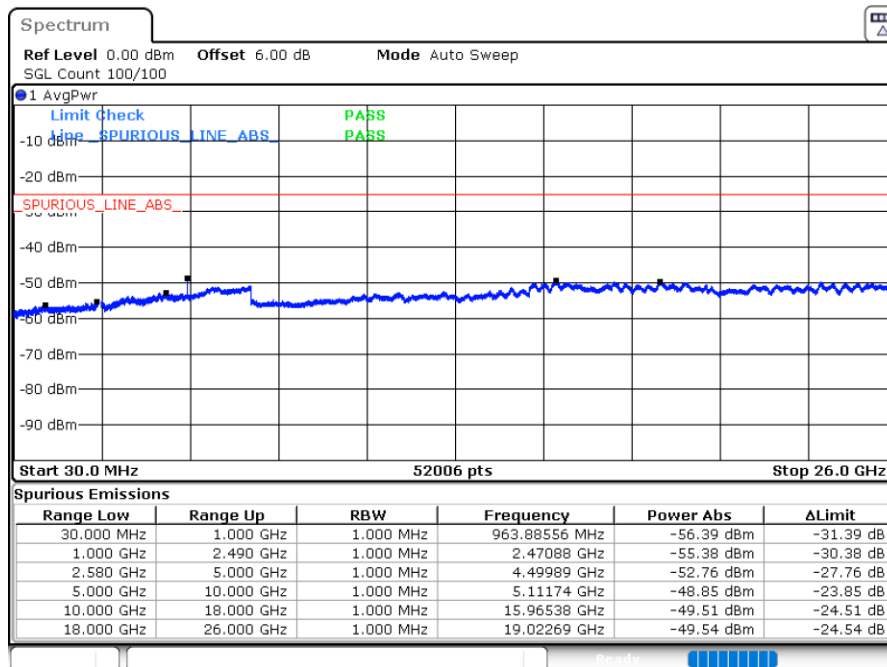
Lowest Channel / QPSK



Middle Channel / QPSK



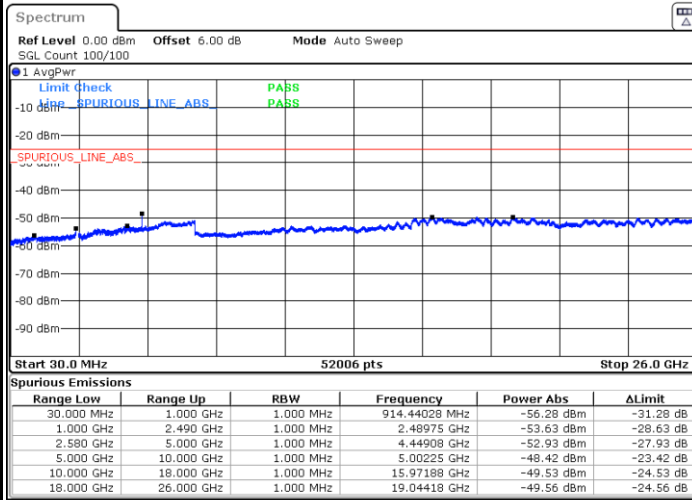
Highest Channel / QPSK





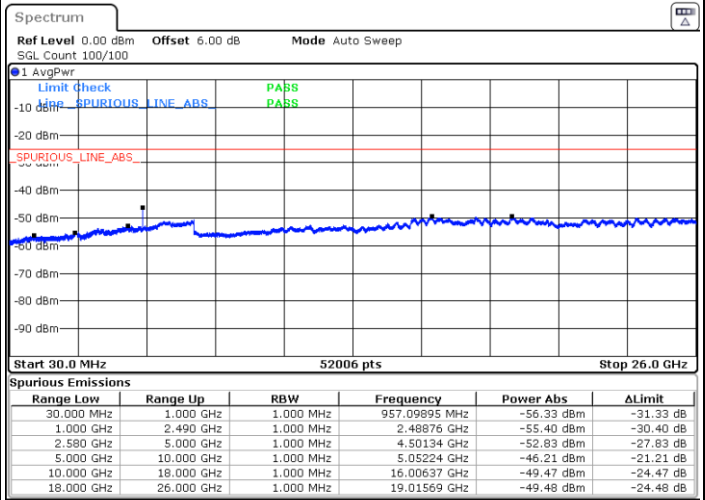
LTE Band 7 / 20MHz

Lowest Channel / QPSK



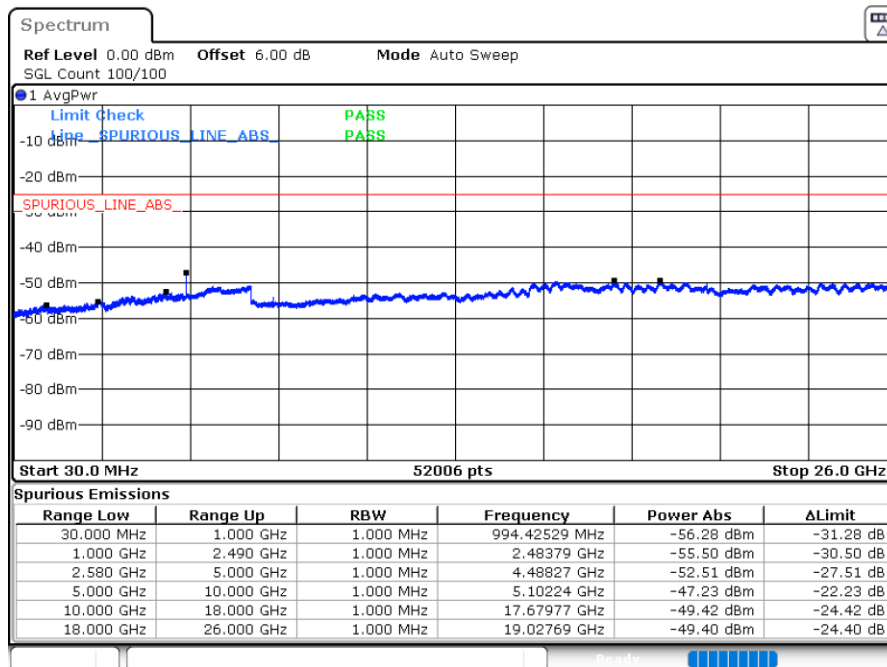
Date: 25.SEP.2024 07:34:37

Middle Channel / QPSK



Date: 25.SEP.2024 07:36:02

Highest Channel / QPSK



Date: 25.SEP.2024 07:37:28

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0009	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.8V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C(Other PA)

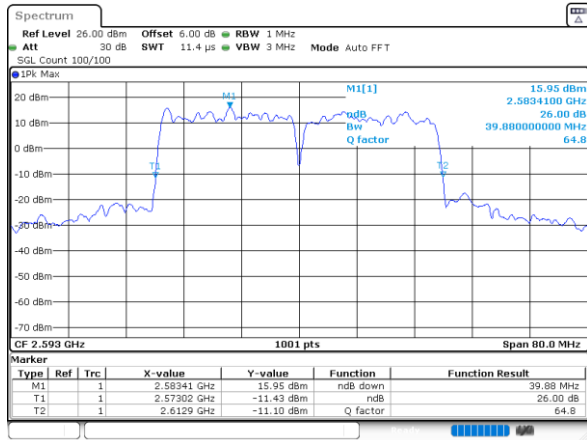
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.88	9.72
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.105	34.895
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	29.97
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.975	24.925
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.895	34.755
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.749	30.749
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.524	25.325
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.91	30.33
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	25.275	25.325
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.925	24.925



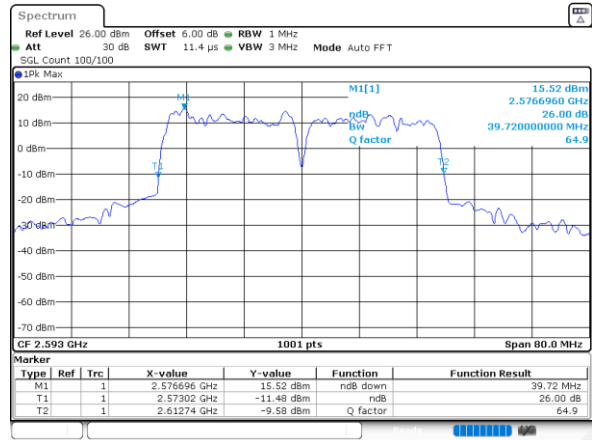
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



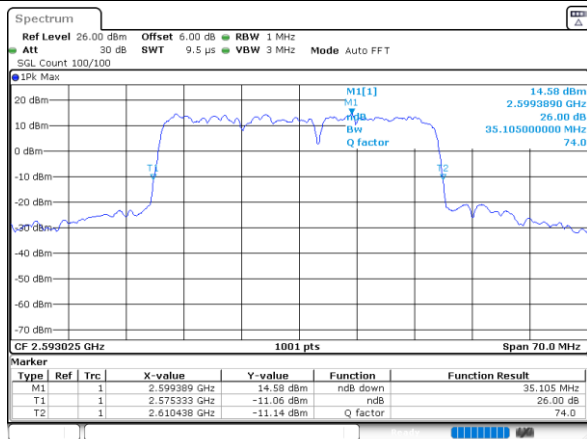
Date: 15.OCT.2024 21:28:05

Middle Channel / 20MHz+20MHz / 16QAM



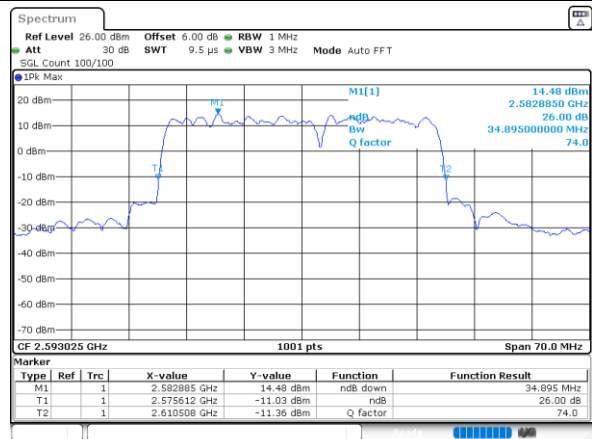
Date: 15.OCT.2024 21:28:33

Middle Channel / 20MHz+15MHz / QPSK



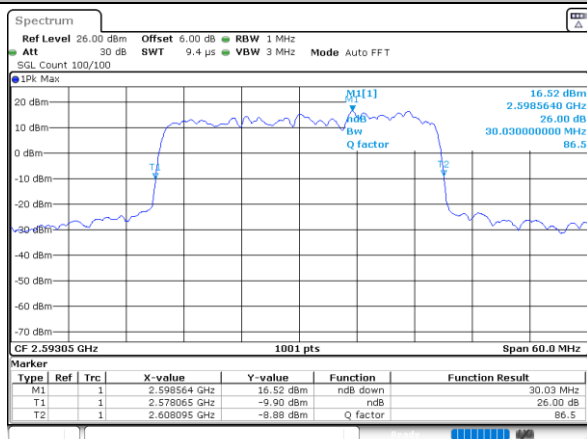
Date: 15.OCT.2024 21:25:38

Middle Channel / 20MHz+15MHz / 16QAM



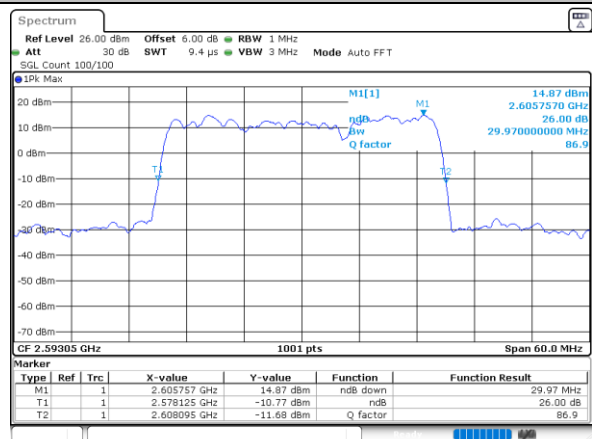
Date: 15.OCT.2024 21:26:06

Middle Channel / 20MHz+10MHz / QPSK



Date: 15.OCT.2024 21:17:20

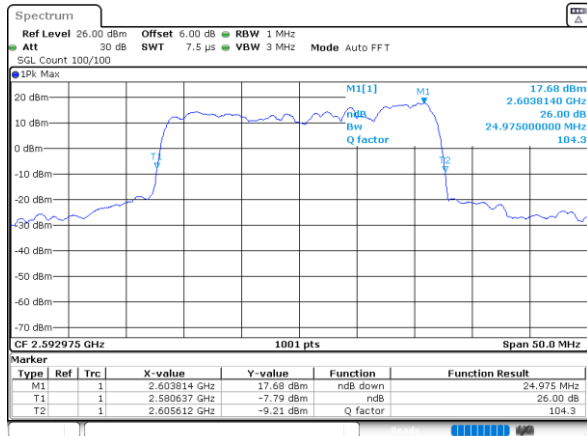
Middle Channel / 20MHz+10MHz / 16QAM



Date: 15.OCT.2024 21:17:48

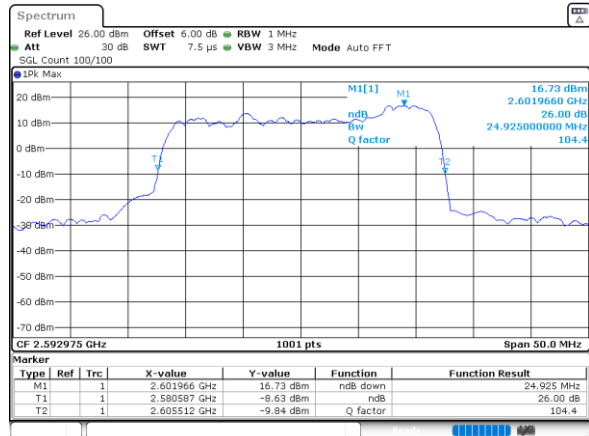


Middle Channel / 20MHz+5MHz / QPSK



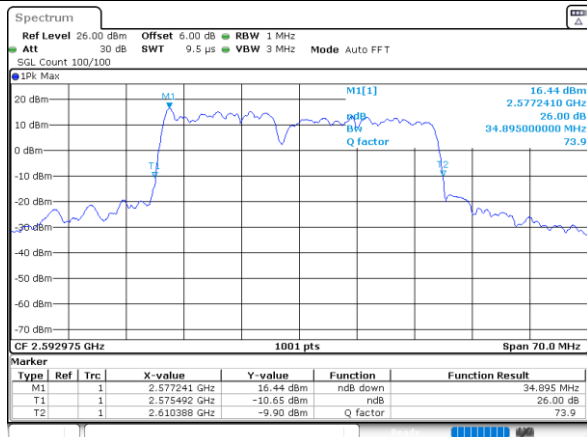
Date: 15.OCT.2024 20:59:57

Middle Channel / 20MHz+5MHz / 16QAM



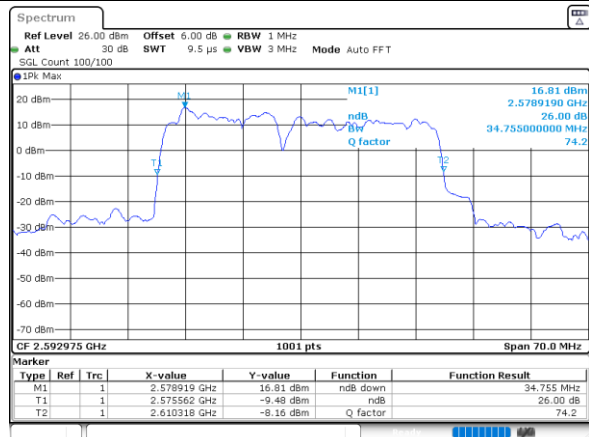
Date: 15.OCT.2024 21:00:24

Middle Channel / 15MHz+20MHz / QPSK



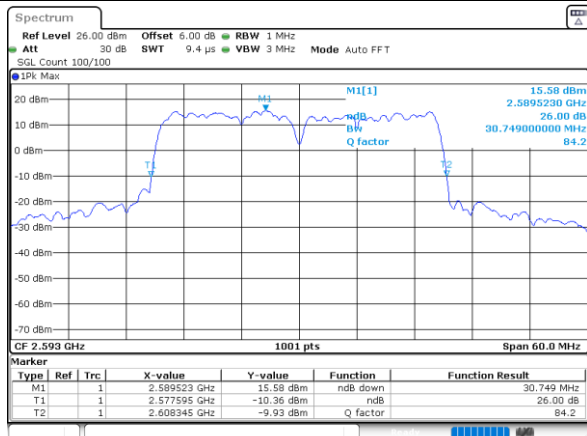
Date: 15.OCT.2024 21:22:51

Middle Channel / 15MHz+20MHz / 16QAM



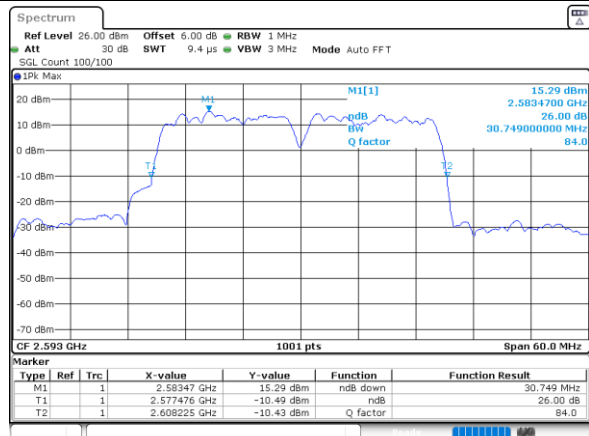
Date: 15.OCT.2024 21:23:19

Middle Channel / 15MHz+15MHz / QPSK



Date: 15.OCT.2024 21:20:20

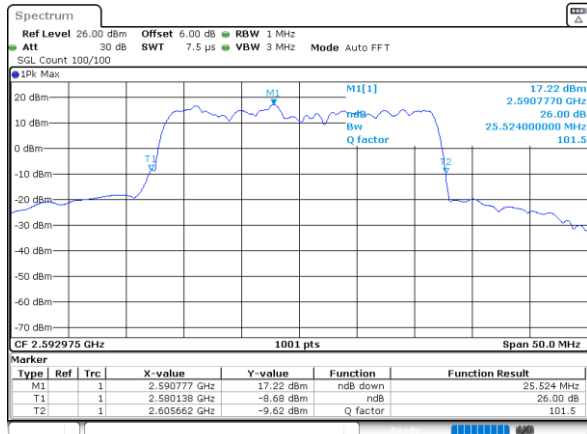
Middle Channel / 15MHz+15MHz / 16QAM



Date: 15.OCT.2024 21:20:48

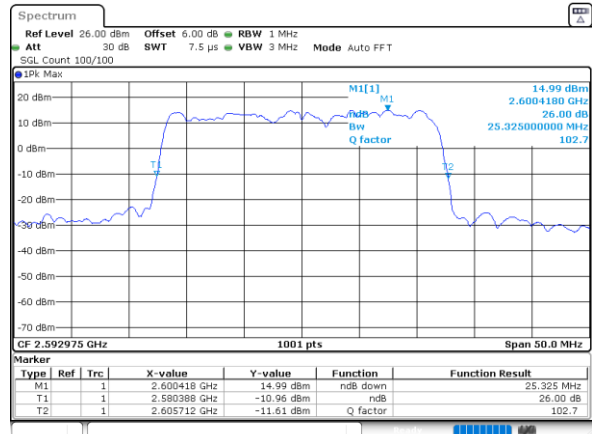


Middle Channel /15MHz+10MHz / QPSK



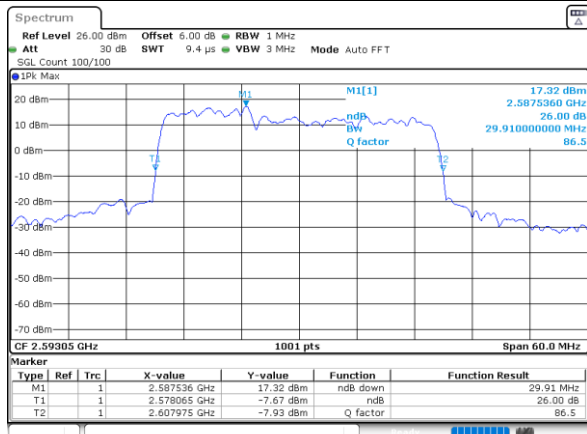
Date: 15.OCT.2024 21:10:11

Middle Channel / 15MHz+10MHz / 16QAM



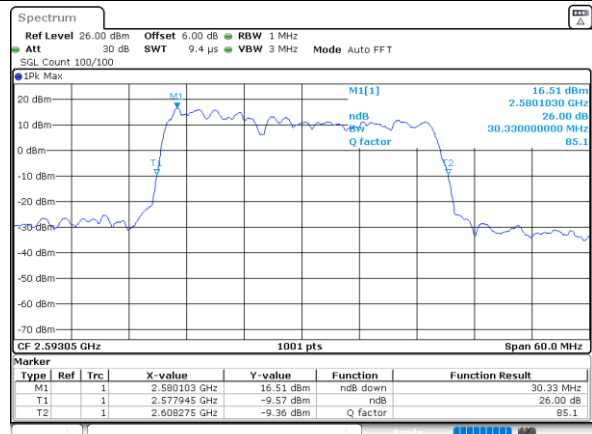
Date: 15.OCT.2024 21:10:39

Middle Channel / 10MHz+20MHz / QPSK



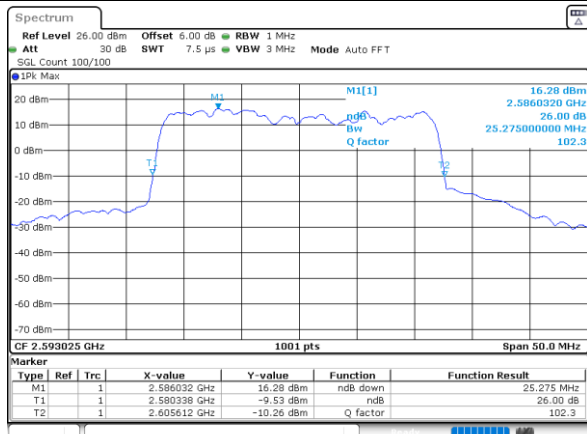
Date: 15.OCT.2024 21:14:45

Middle Channel / 10MHz+20MHz / 16QAM



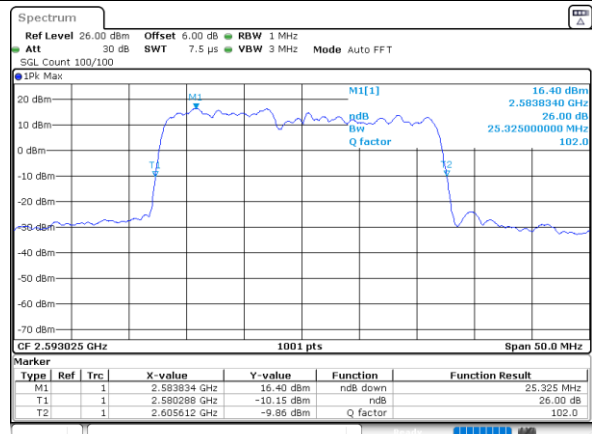
Date: 15.OCT.2024 21:15:14

Middle Channel / 10MHz+15MHz / QPSK



Date: 15.OCT.2024 21:03:12

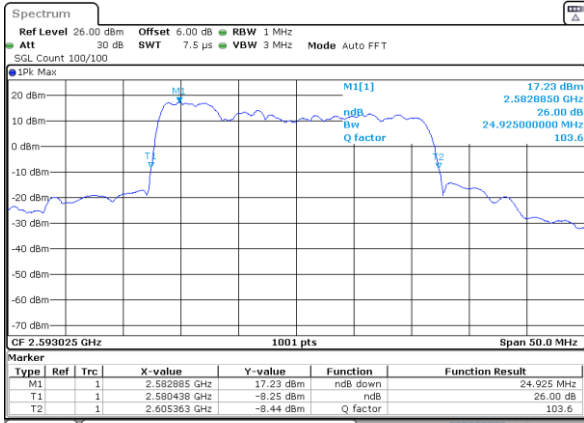
Middle Channel / 10MHz+15MHz / 16QAM



Date: 15.OCT.2024 21:03:39

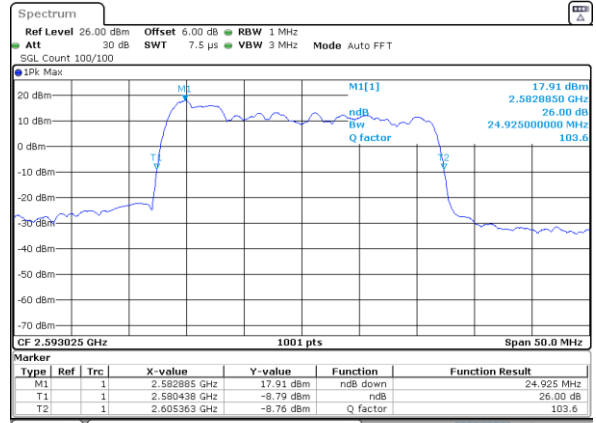


Middle Channel /5MHz+20MHz / QPSK



Date: 15.OCT.2024 20:57:14

Middle Channel / 5MHz+20MHz / 16QAM



Date: 15.OCT.2024 20:57:41

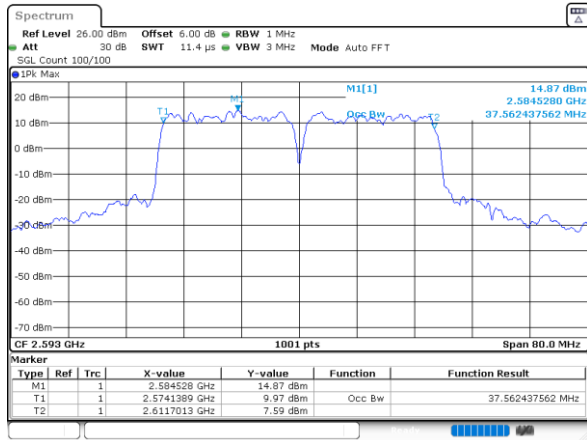
**Occupied Bandwidth**

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.56	37.88
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	32.87
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	27.87	28.11
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.23	23.18
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	32.87
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.59	28.59
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.53	23.38
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	27.75
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.33	23.48
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.43	23.13

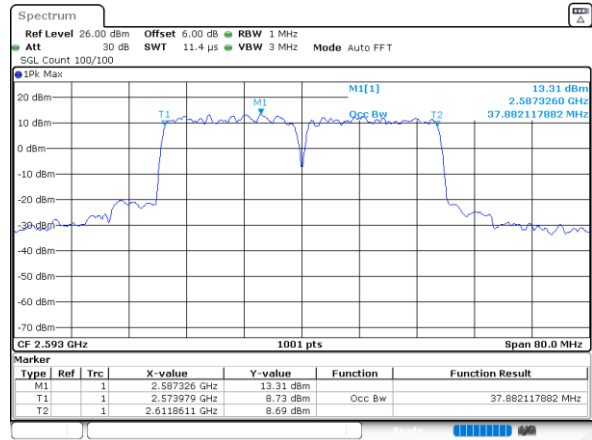


LTE Band 41

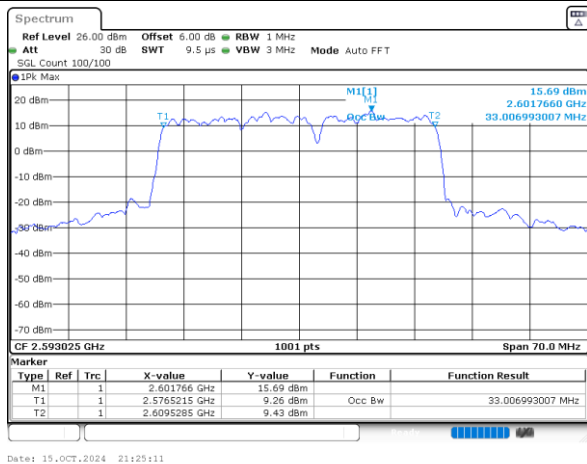
Middle Channel / 20MHz+20MHz / QPSK



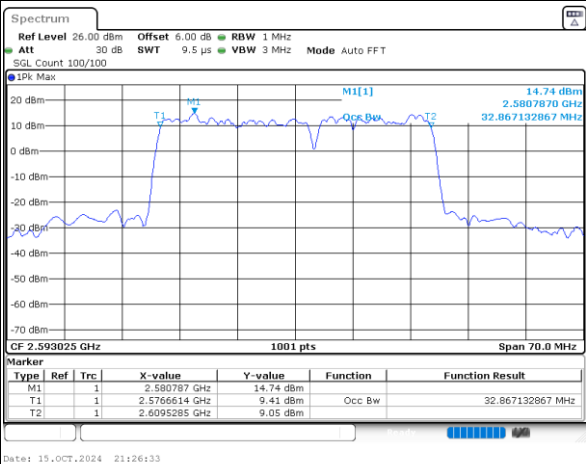
Middle Channel / 20MHz+20MHz / 16QAM



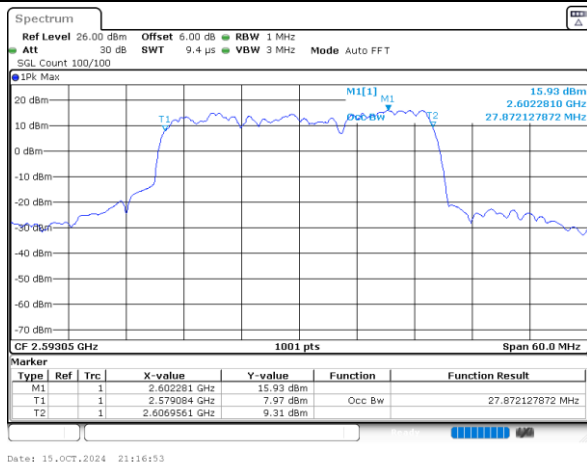
Middle Channel / 20MHz+15MHz / QPSK



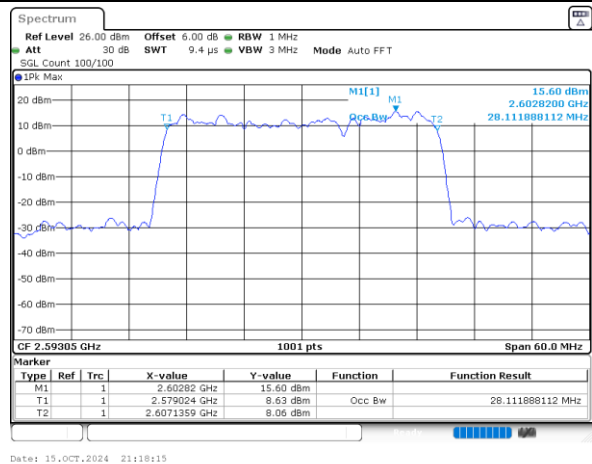
Middle Channel / 20MHz+15MHz / 16QAM



Middle Channel / 20MHz+10MHz / QPSK

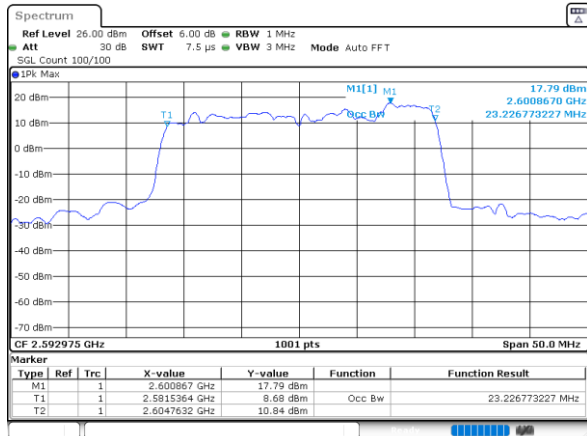


Middle Channel / 20MHz+10MHz / 16QAM



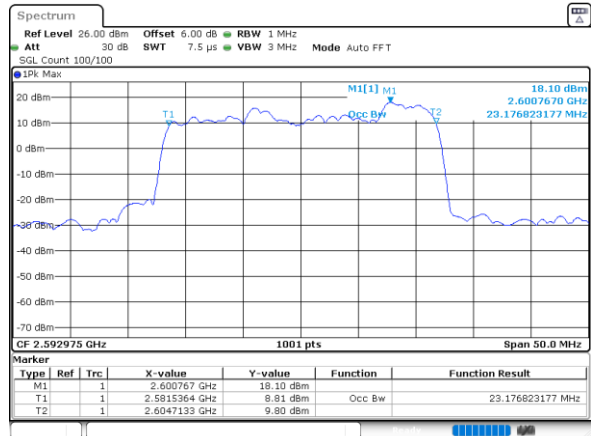


Middle Channel / 20MHz+5MHz / QPSK



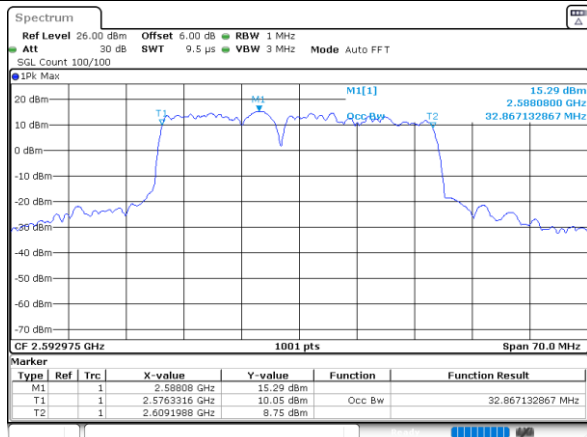
Date: 15.OCT.2024 20:59:29

Middle Channel / 20MHz+5MHz / 16QAM



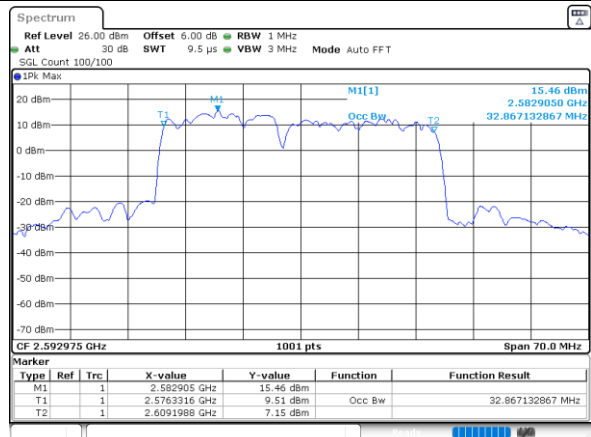
Date: 15.OCT.2024 21:00:52

Middle Channel / 15MHz+20MHz / QPSK



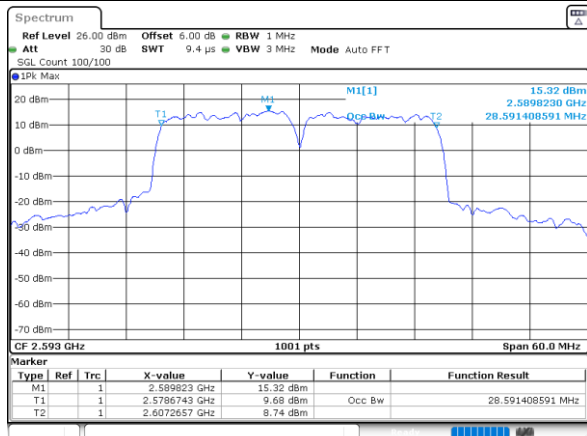
Date: 15.OCT.2024 21:22:24

Middle Channel / 15MHz+20MHz / 16QAM



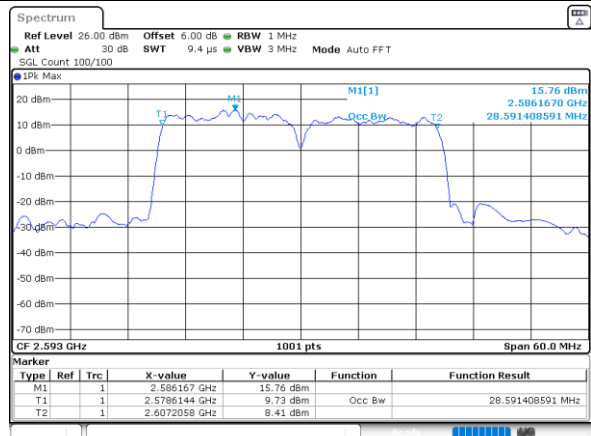
Date: 15.OCT.2024 21:23:46

Middle Channel / 15MHz+15MHz / QPSK



Date: 15.OCT.2024 21:19:53

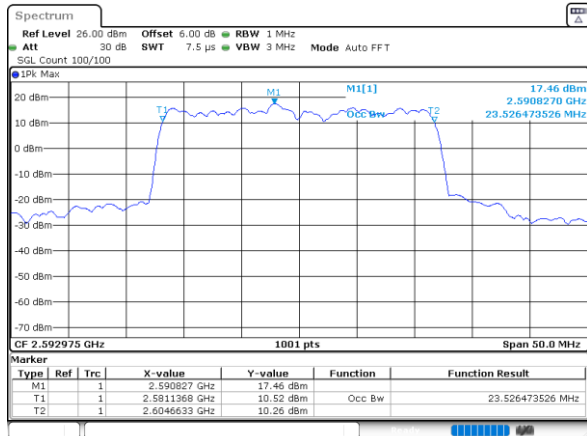
Middle Channel / 15MHz+15MHz / 16QAM



Date: 15.OCT.2024 21:21:15

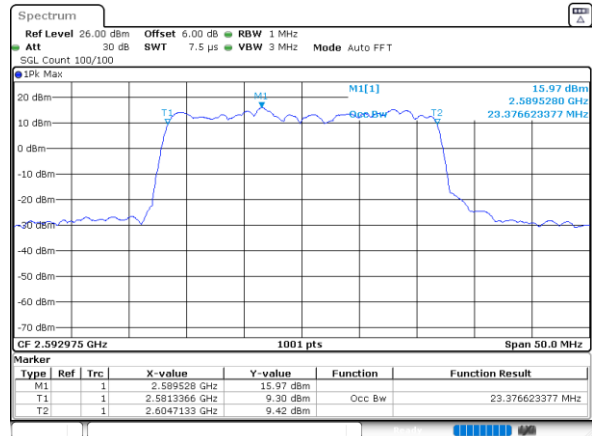


Middle Channel / 15MHz+10MHz / QPSK



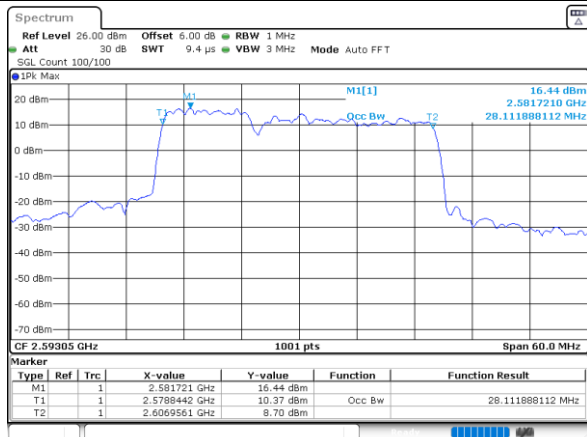
Date: 15.OCT.2024 21:09:44

Middle Channel / 15MHz+10MHz / 16QAM



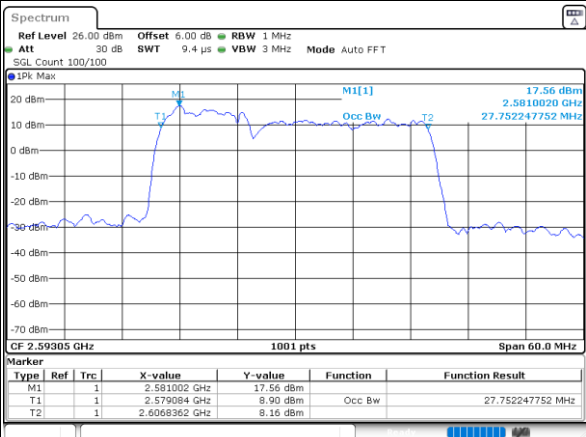
Date: 15.OCT.2024 21:11:06

Middle Channel / 10MHz+20MHz / QPSK



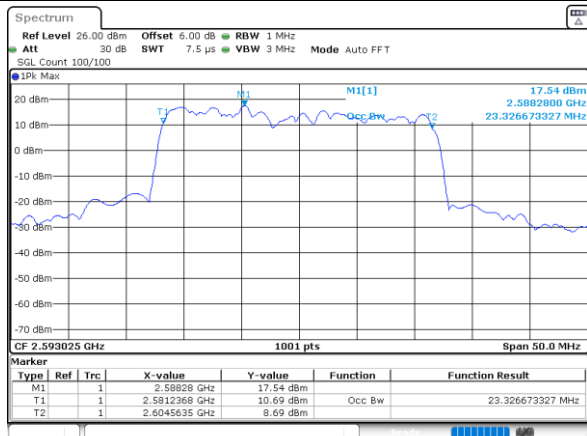
Date: 15.OCT.2024 21:14:18

Middle Channel / 10MHz+20MHz / 16QAM



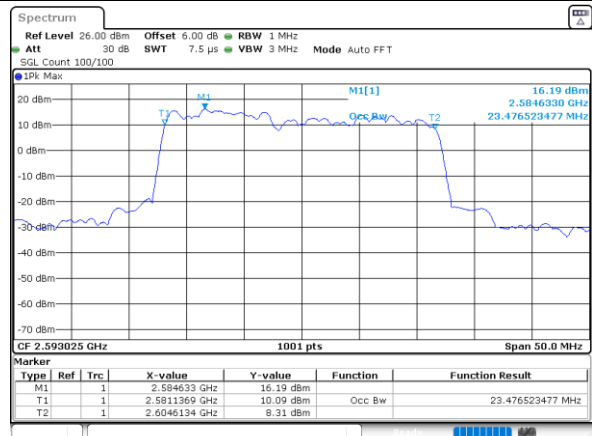
Date: 15.OCT.2024 21:15:41

Middle Channel / 10MHz+15MHz / QPSK



Date: 15.OCT.2024 21:02:45

Middle Channel / 10MHz+15MHz / 16QAM



Date: 15.OCT.2024 21:04:06