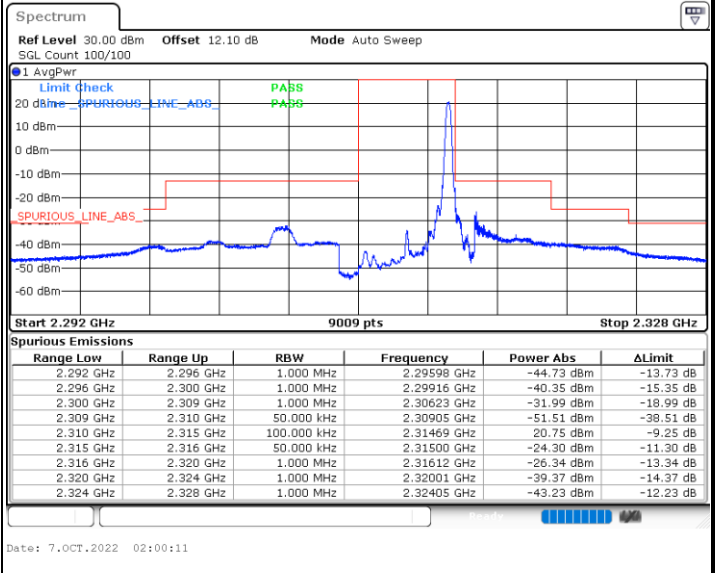
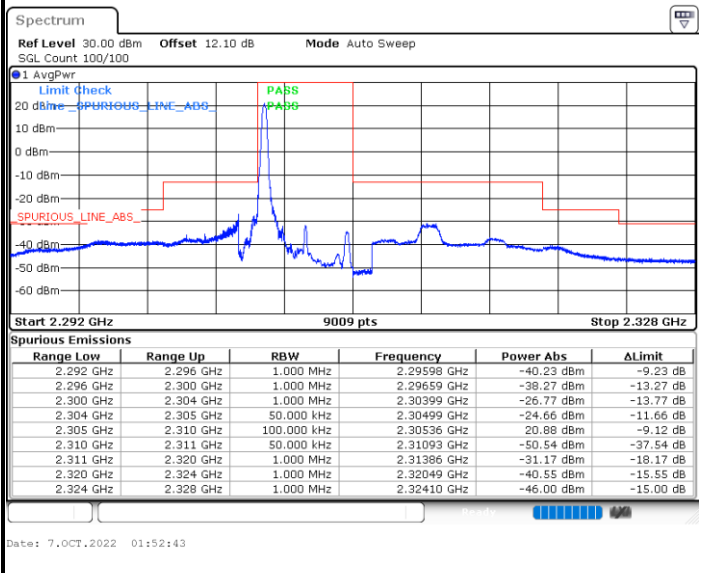




LTE Band 30 / 5MHz / 16QAM

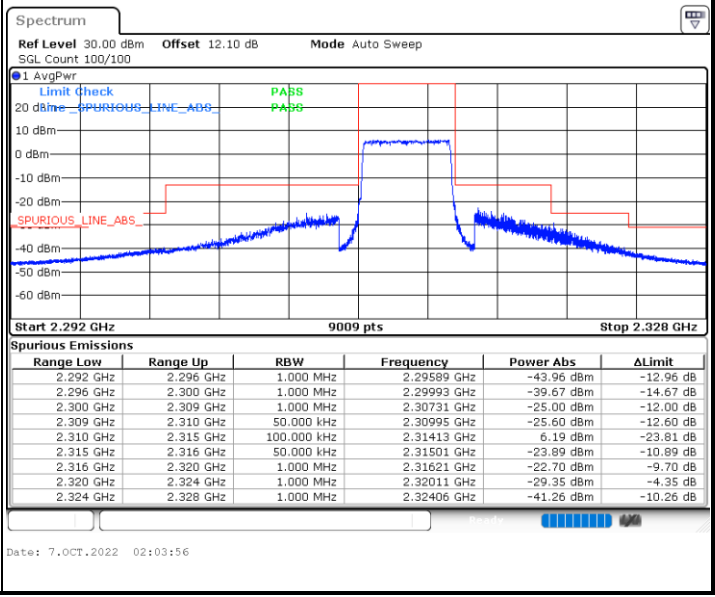
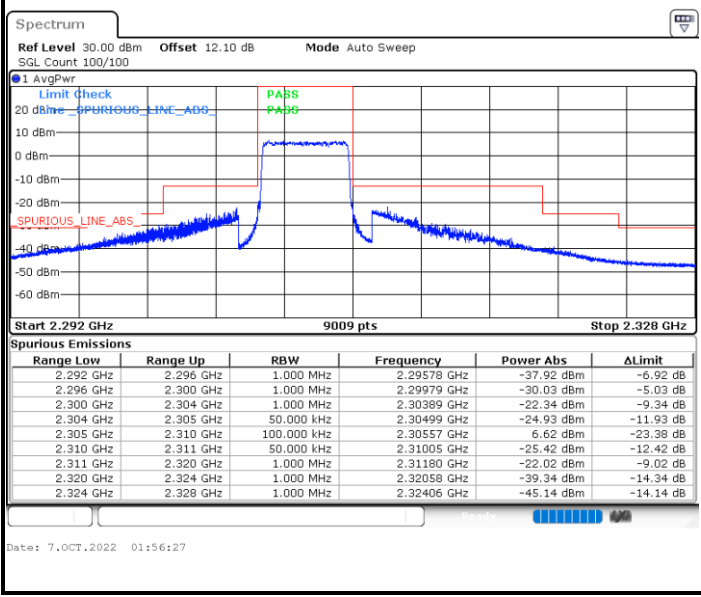
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

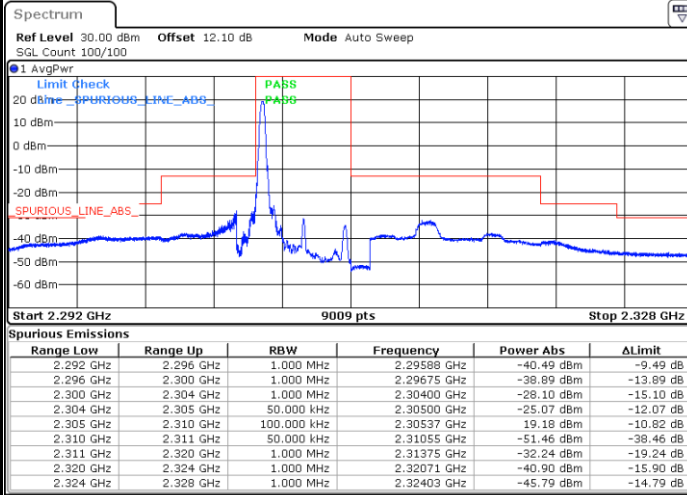
Highest Band Edge / Full RB





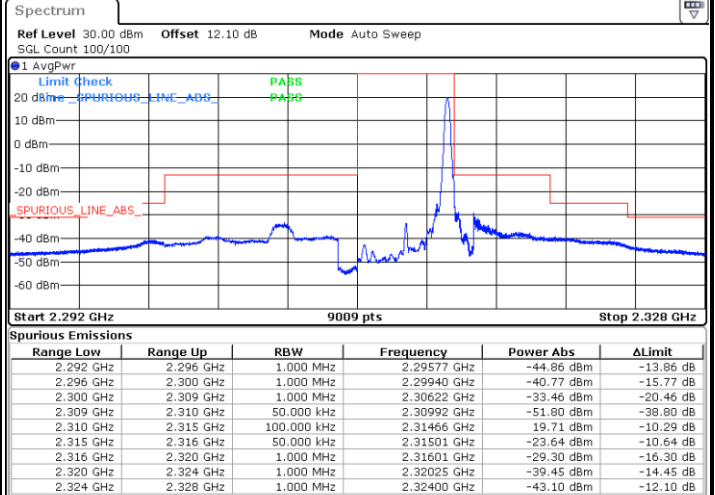
LTE Band 30 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



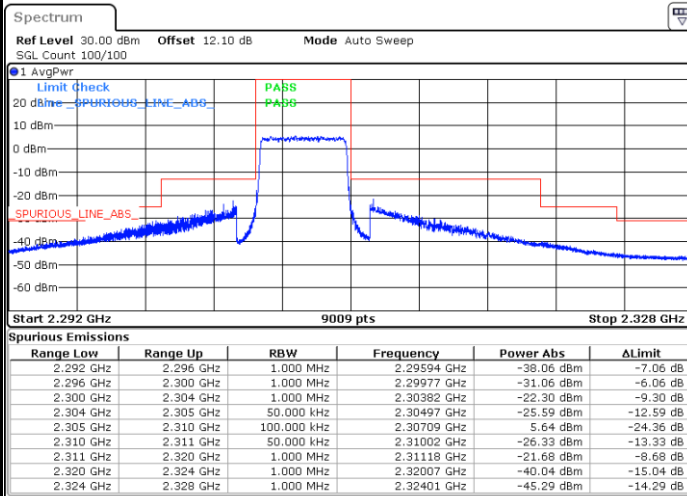
Date: 7.OCT.2022 01:53:39

Highest Band Edge / 1 RB



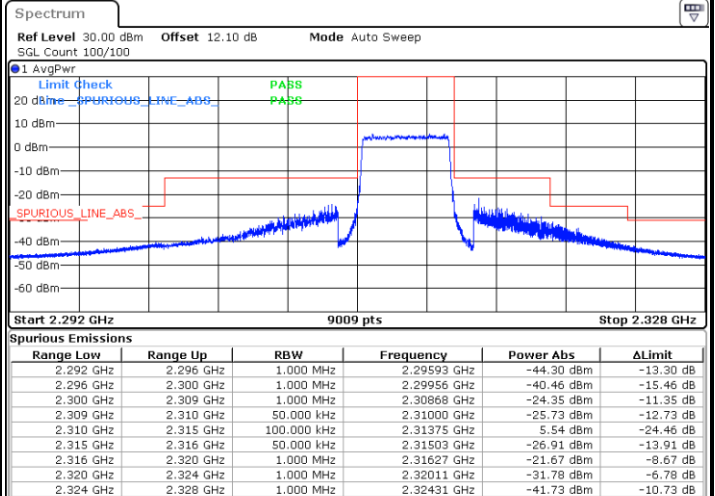
Date: 7.OCT.2022 02:01:07

Lowest Band Edge / Full RB



Date: 7.OCT.2022 01:57:23

Highest Band Edge / Full RB



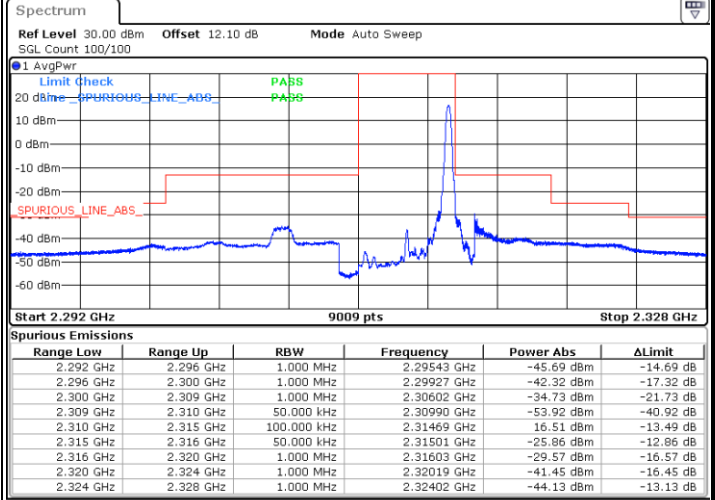
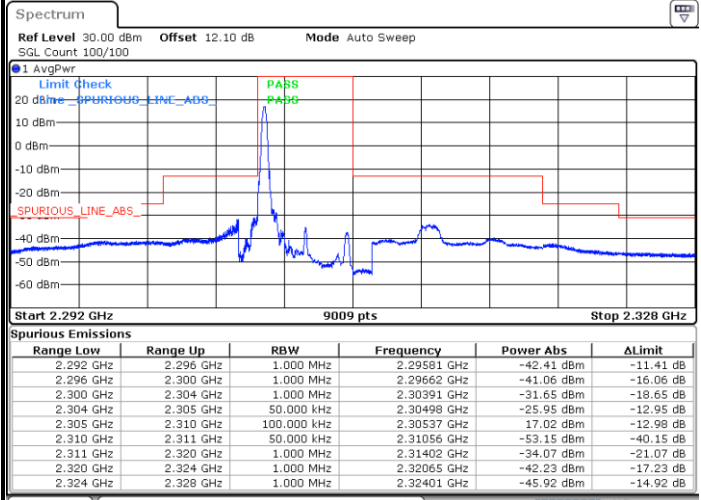
Date: 7.OCT.2022 02:04:52



LTE Band 30 / 5MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

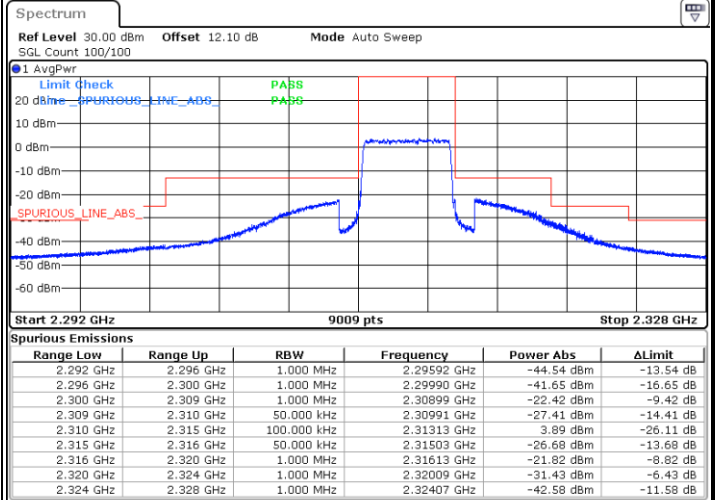
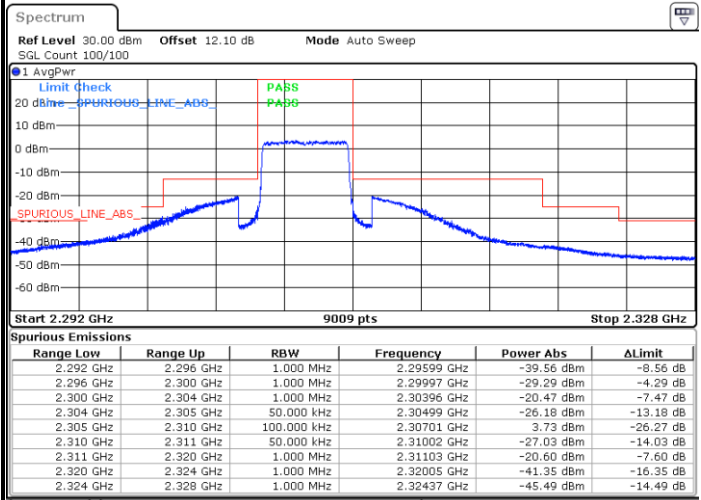


Date: 7.OCT.2022 01:54:35

Date: 7.OCT.2022 02:02:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7.OCT.2022 01:58:19

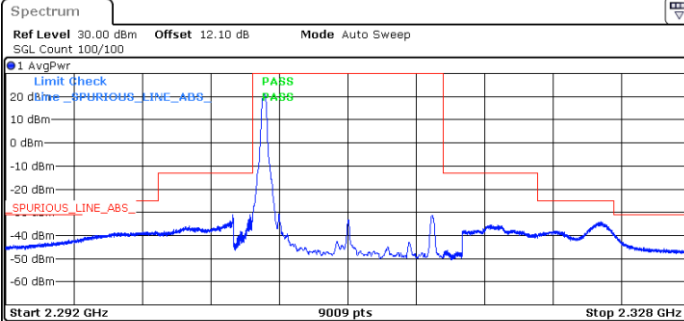
Date: 7.OCT.2022 02:05:48



LTE Band 30 / 10MHz / QPSK

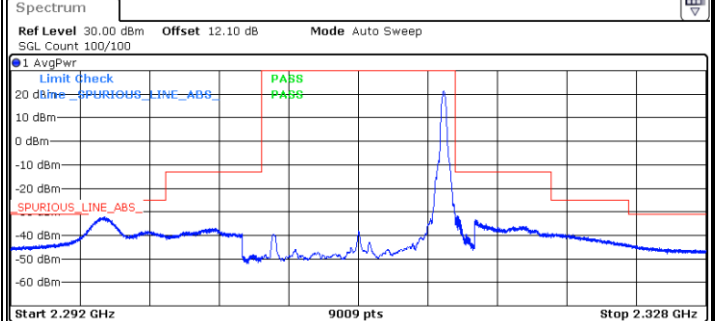
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29599 GHz	-41.40 dBm	-10.40 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29989 GHz	-38.25 dBm	-13.25 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30393 GHz	-31.02 dBm	-18.02 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30485 GHz	-31.09 dBm	-18.09 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.30562 GHz	21.11 dBm	-8.89 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31524 GHz	-46.57 dBm	-33.57 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31754 GHz	-35.61 dBm	-22.61 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32332 GHz	-33.89 dBm	-8.89 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32402 GHz	-39.60 dBm	-8.60 dB

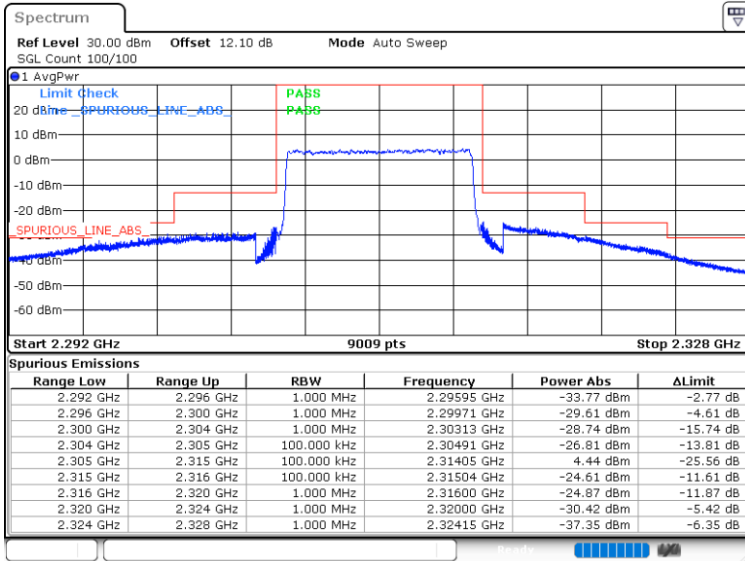
Date: 7.OCT.2022 02:06:46



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29598 GHz	-37.61 dBm	-6.61 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29688 GHz	-32.35 dBm	-7.35 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30228 GHz	-37.04 dBm	-24.04 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30456 GHz	-48.30 dBm	-35.30 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.31442 GHz	21.35 dBm	-8.65 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31501 GHz	-30.53 dBm	-17.53 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31604 GHz	-33.27 dBm	-20.27 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32024 GHz	-39.29 dBm	-14.29 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32415 GHz	-44.07 dBm	-13.07 dB

Date: 7.OCT.2022 02:10:27

Band Edge / Full RB



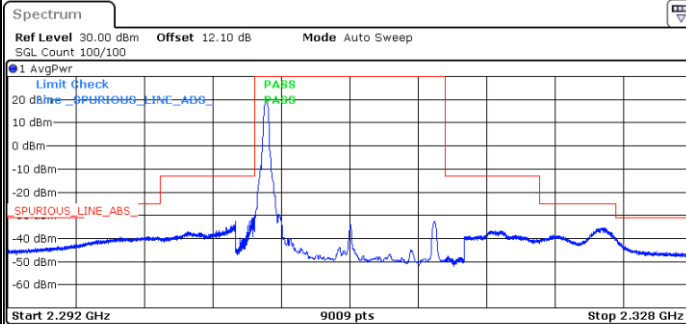
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29595 GHz	-33.77 dBm	-2.77 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29971 GHz	-29.61 dBm	-4.61 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30313 GHz	-28.74 dBm	-15.74 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30491 GHz	-26.81 dBm	-13.81 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.31405 GHz	4.44 dBm	-25.56 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31504 GHz	-24.61 dBm	-11.61 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31600 GHz	-24.87 dBm	-11.87 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32000 GHz	-30.42 dBm	-5.42 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32415 GHz	-37.35 dBm	-6.35 dB

Date: 7.OCT.2022 02:14:09



LTE Band 30 / 10MHz / 16QAM

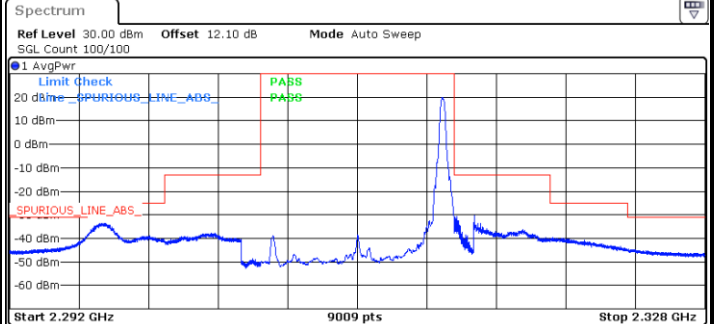
Lowest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29597 GHz	-42.25 dBm	-11.25 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29793 GHz	-39.16 dBm	-14.16 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30400 GHz	-32.48 dBm	-19.48 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30497 GHz	-30.36 dBm	-17.36 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.30557 GHz	20.41 dBm	-9.59 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31517 GHz	-47.69 dBm	-34.69 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31742 GHz	-36.67 dBm	-23.67 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32342 GHz	-35.37 dBm	-10.37 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32401 GHz	-40.21 dBm	-9.21 dB

Date: 7.OCT.2022 02:07:41

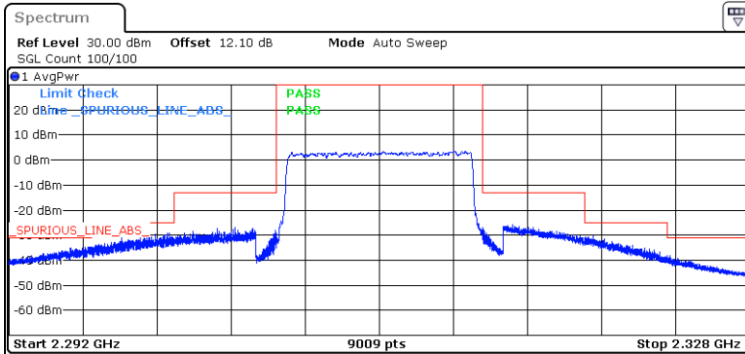
Highest Band Edge / 1 RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29599 GHz	-38.42 dBm	-7.42 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29694 GHz	-33.57 dBm	-8.57 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30263 GHz	-37.76 dBm	-24.76 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30458 GHz	-48.82 dBm	-35.82 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.31440 GHz	19.86 dBm	-10.14 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31501 GHz	-30.53 dBm	-17.53 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31606 GHz	-30.35 dBm	-17.35 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32014 GHz	-39.73 dBm	-14.73 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32403 GHz	-44.54 dBm	-13.54 dB

Date: 7.OCT.2022 02:11:22

Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.292 GHz	2.296 GHz	1.000 MHz	2.29587 GHz	-34.64 dBm	-3.64 dB
2.296 GHz	2.300 GHz	1.000 MHz	2.29981 GHz	-29.05 dBm	-4.05 dB
2.300 GHz	2.304 GHz	1.000 MHz	2.30300 GHz	-26.85 dBm	-13.85 dB
2.304 GHz	2.305 GHz	100.000 kHz	2.30496 GHz	-27.98 dBm	-14.98 dB
2.305 GHz	2.315 GHz	100.000 kHz	2.31362 GHz	3.43 dBm	-26.57 dB
2.315 GHz	2.316 GHz	100.000 kHz	2.31501 GHz	-26.77 dBm	-13.77 dB
2.316 GHz	2.320 GHz	1.000 MHz	2.31647 GHz	-25.71 dBm	-12.71 dB
2.320 GHz	2.324 GHz	1.000 MHz	2.32040 GHz	-30.36 dBm	-5.36 dB
2.324 GHz	2.328 GHz	1.000 MHz	2.32414 GHz	-38.27 dBm	-7.27 dB

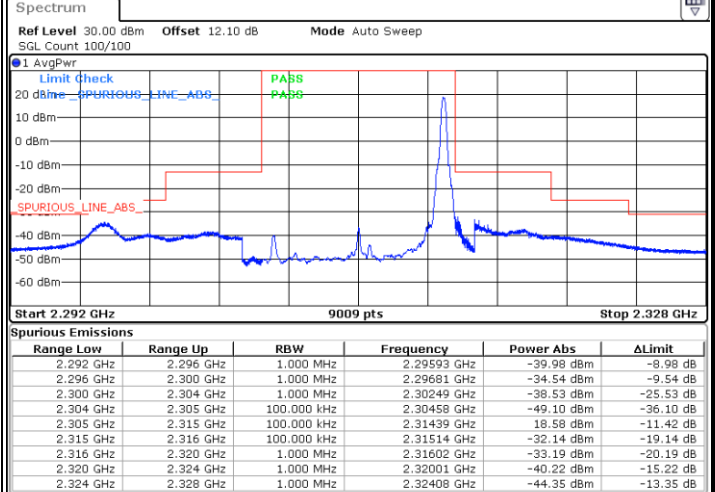
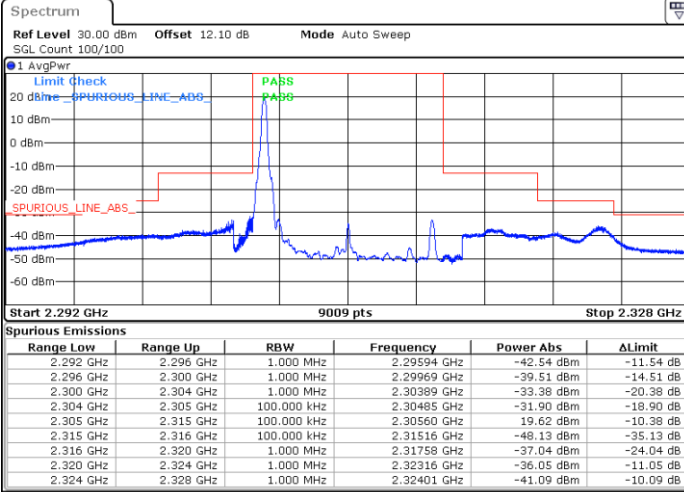
Date: 7.OCT.2022 02:15:04



LTE Band 30 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

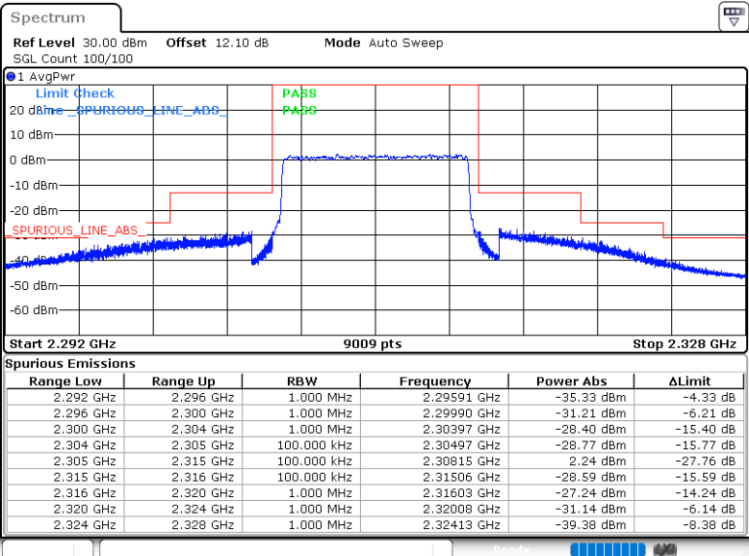
Highest Band Edge / 1 RB



Date: 7.OCT.2022 02:08:36

Date: 7.OCT.2022 02:12:18

Band Edge / Full RB



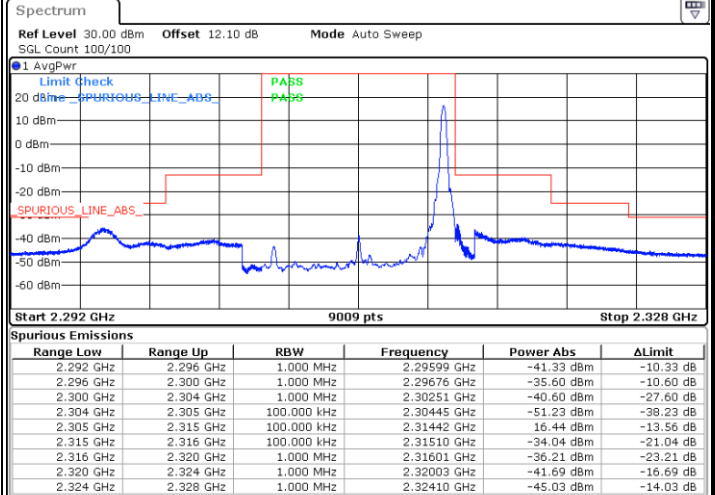
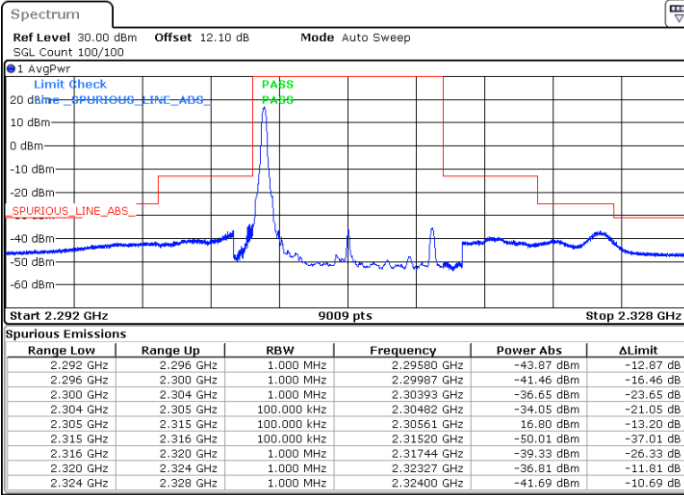
Date: 7.OCT.2022 02:15:59



LTE Band 30 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

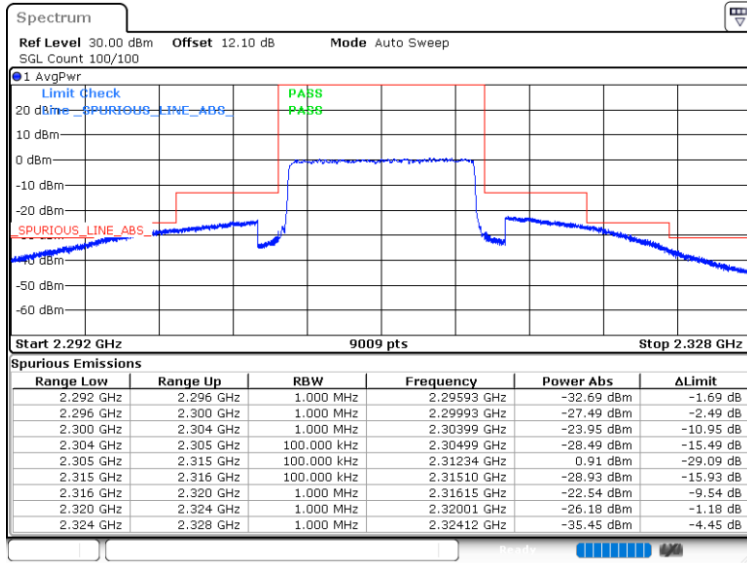
Highest Band Edge / 1 RB



Date: 7.OCT.2022 02:09:31

Date: 7.OCT.2022 02:13:13

Band Edge / Full RB



Date: 7.OCT.2022 02:16:55

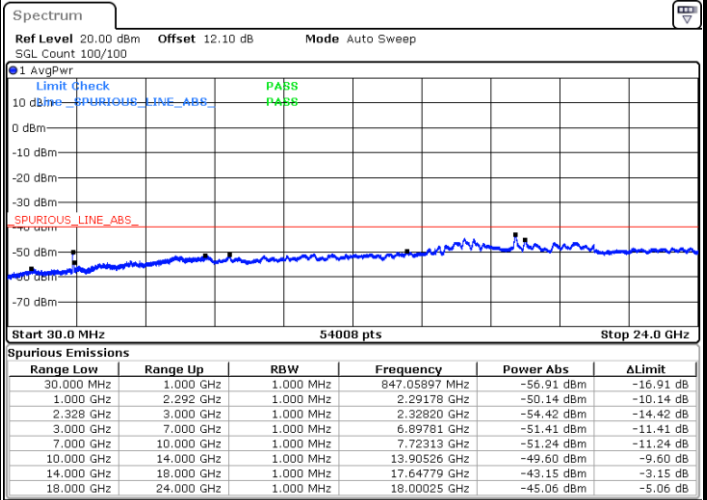
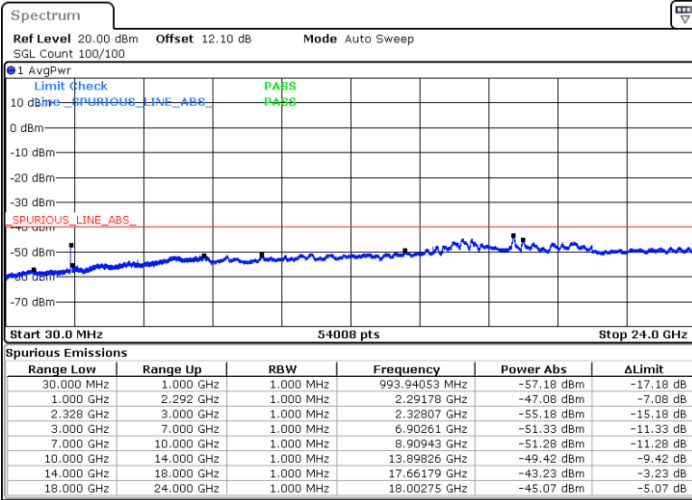


Conducted Spurious Emission

LTE Band 30 / 5MHz

Lowest Channel / QPSK

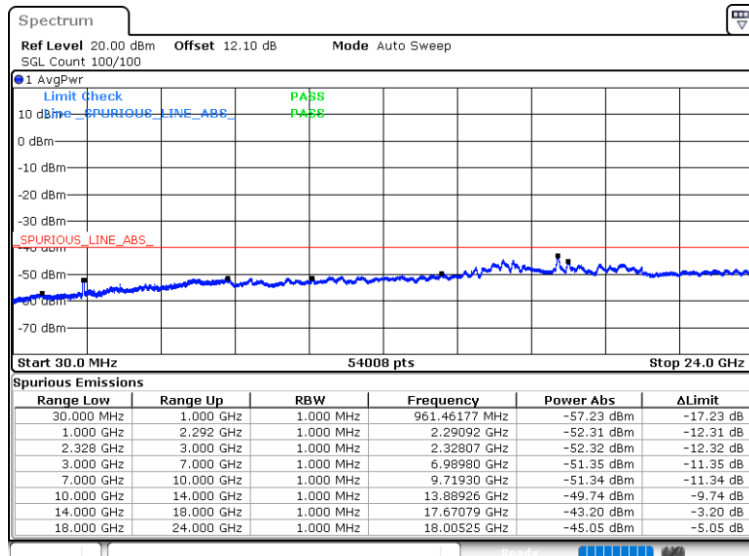
Middle Channel / QPSK



Date: 14.OCT.2022 19:38:28

Date: 14.OCT.2022 19:39:40

Highest Channel / QPSK

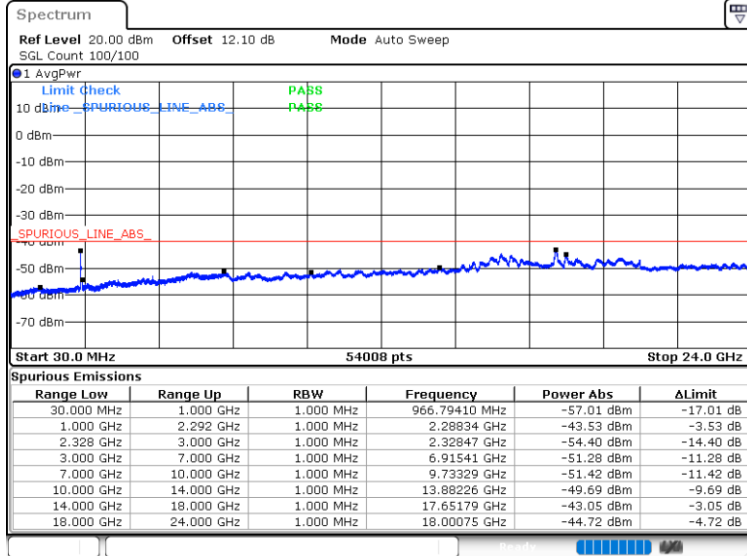


Date: 14.OCT.2022 19:40:52



LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 14.OCT.2022 19:42:29



Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0038	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0047	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0049	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0045	

Note:

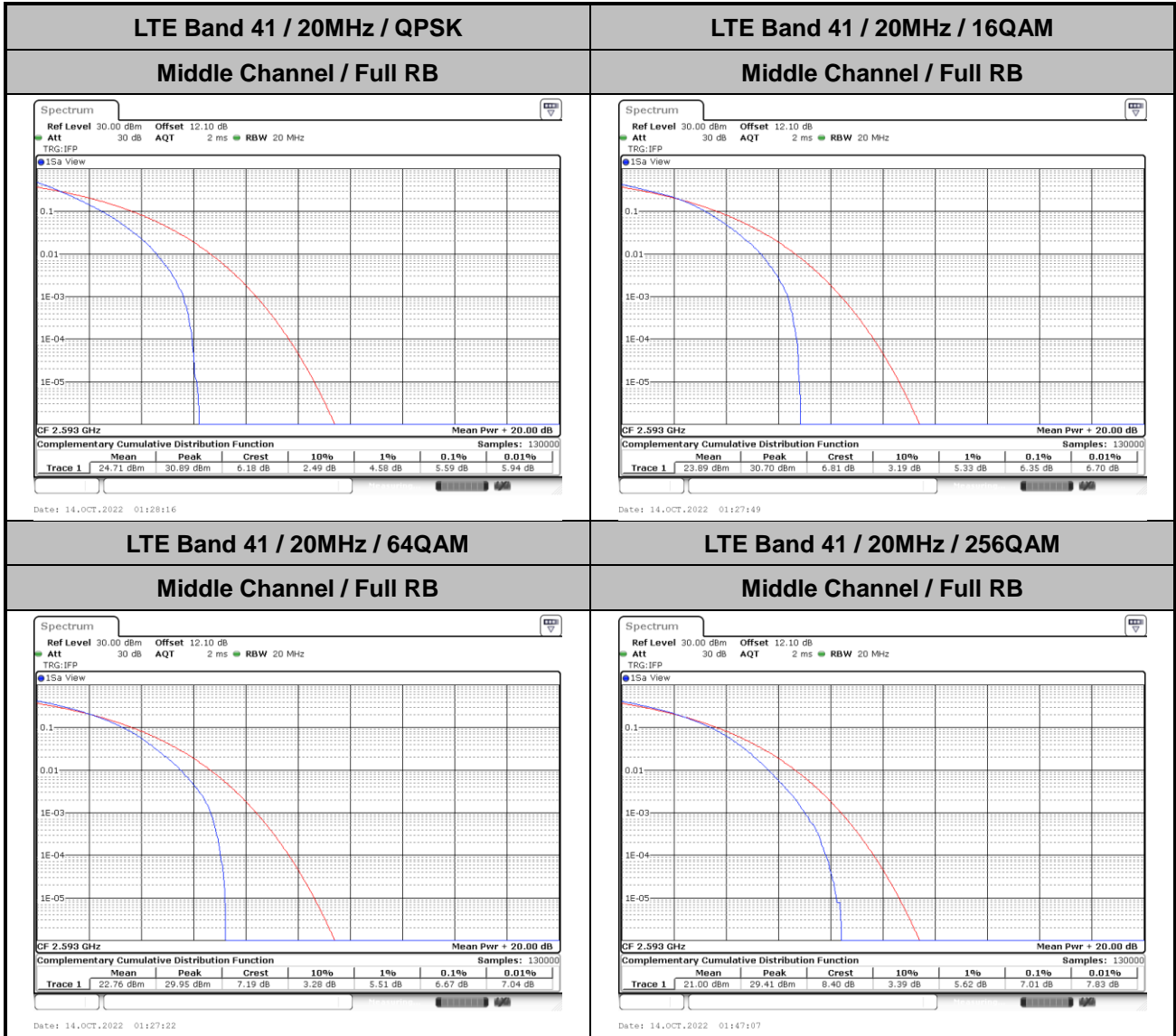
1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.60 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41_HPUE

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.59	6.35	6.67	7.01	PASS





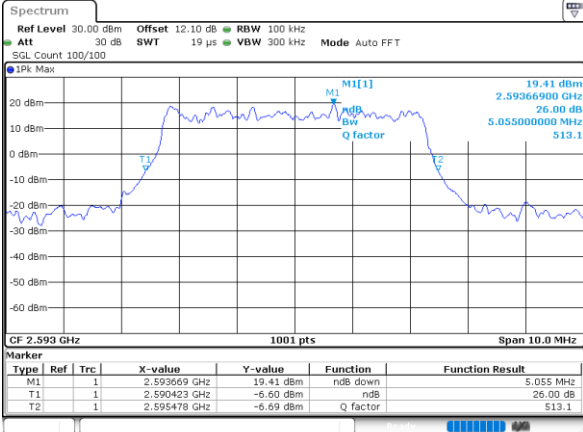
26dB Bandwidth

Mode	LTE Band 41 : 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	-	-	-	-	5.06	5.06	9.73	9.67	14.54	14.36	19.14	18.86
Mode	LTE Band 41 : 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	-	-	-	-	5.07	4.95	10.11	9.65	14.66	14.54	19.14	19.22



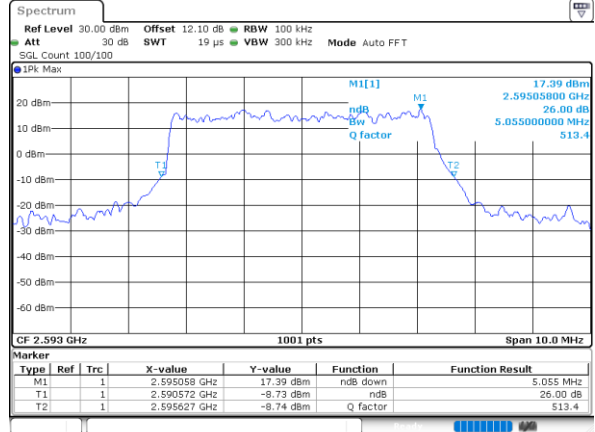
LTE Band 41

Middle Channel / 5MHz / QPSK



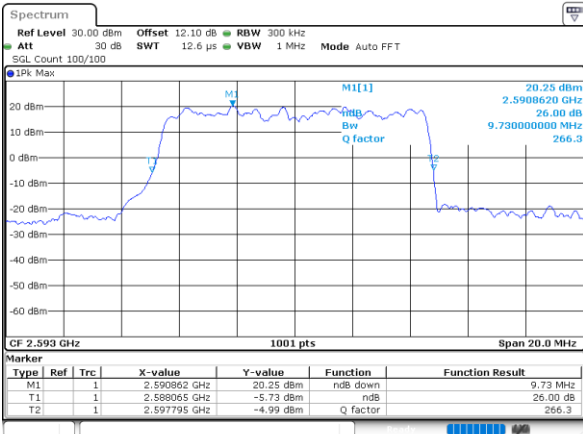
Date: 14.OCT.2022 00:39:04

Middle Channel / 5MHz / 16QAM



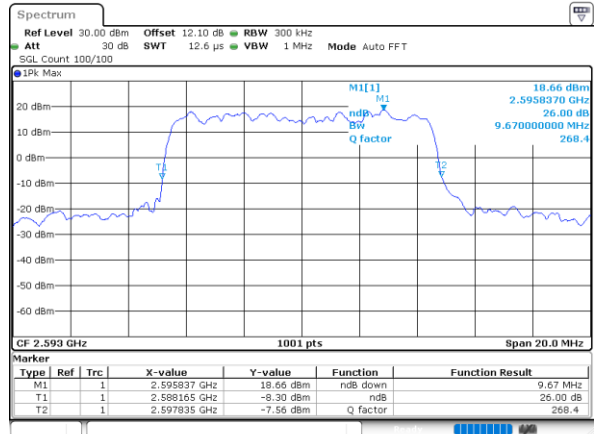
Date: 14.OCT.2022 00:39:29

Middle Channel / 10MHz / QPSK



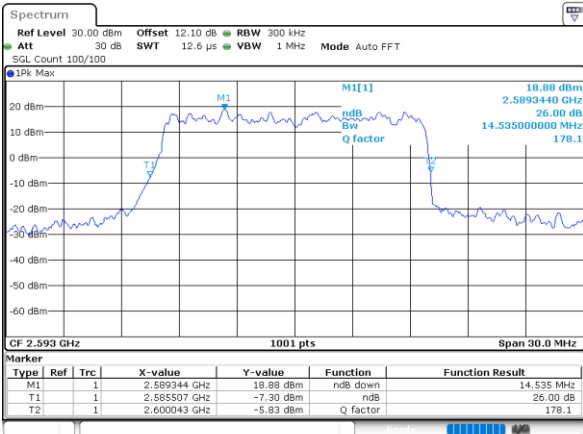
Date: 14.OCT.2022 01:13:20

Middle Channel / 10MHz / 16QAM



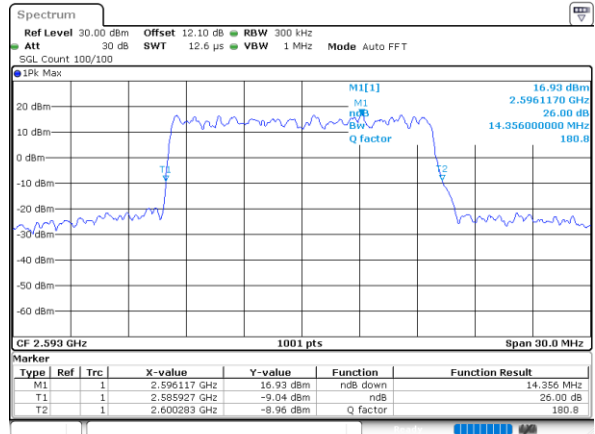
Date: 14.OCT.2022 01:13:46

Middle Channel / 15MHz / QPSK



Date: 14.OCT.2022 01:19:42

Middle Channel / 15MHz / 16QAM

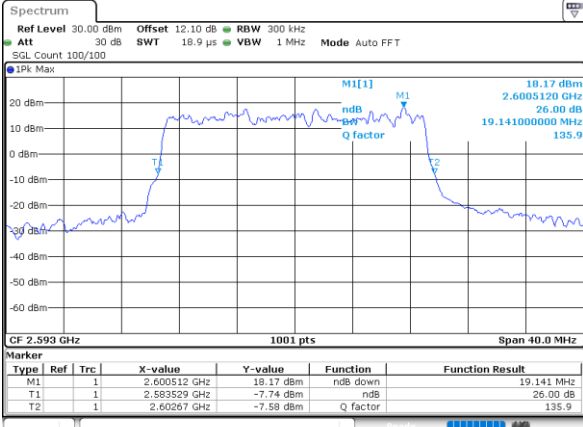


Date: 14.OCT.2022 01:20:07



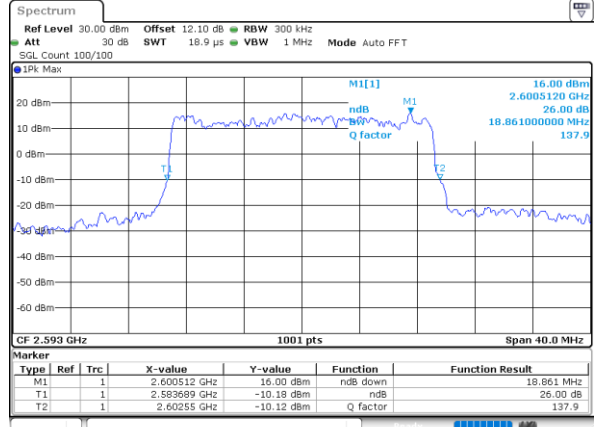
LTE Band 41

Middle Channel / 20MHz / QPSK



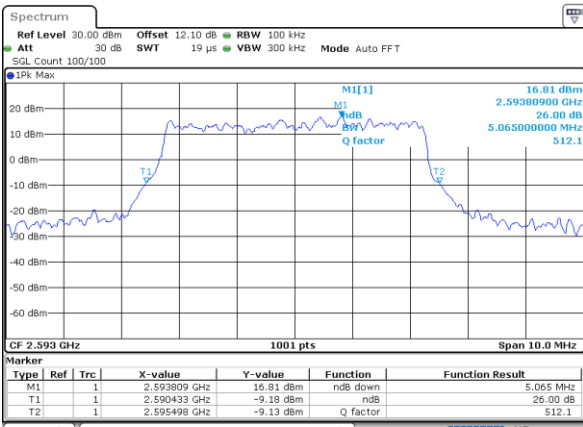
Date: 14.OCT.2022 01:26:01

Middle Channel / 20MHz / 16QAM



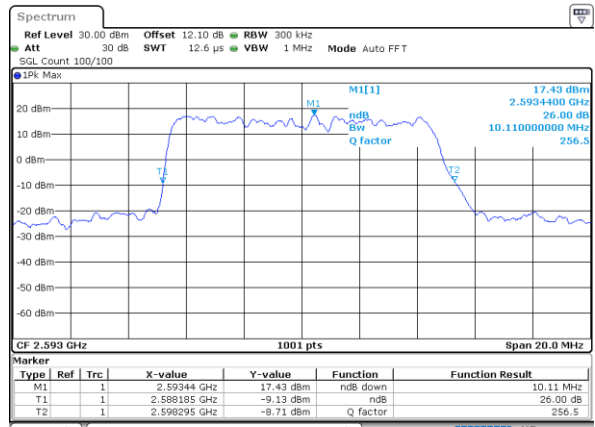
Date: 14.OCT.2022 01:26:27

Middle Channel / 5MHz / 64QAM



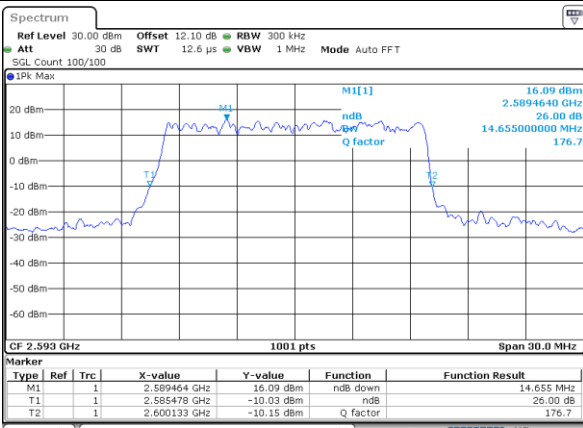
Date: 14.OCT.2022 00:40:09

Middle Channel / 10MHz / 64QAM



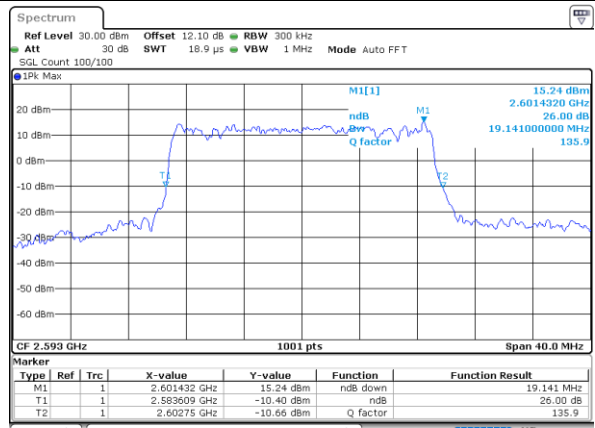
Date: 14.OCT.2022 01:14:26

Middle Channel / 15MHz / 64QAM



Date: 14.OCT.2022 01:20:48

Middle Channel / 20MHz / 64QAM

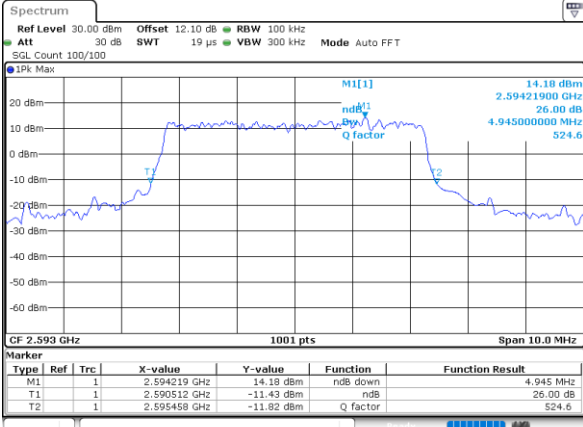


Date: 14.OCT.2022 01:27:07



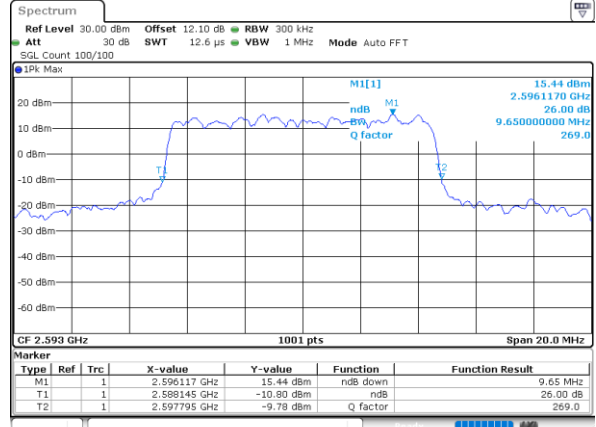
LTE Band 41

Middle Channel / 5MHz / 256QAM



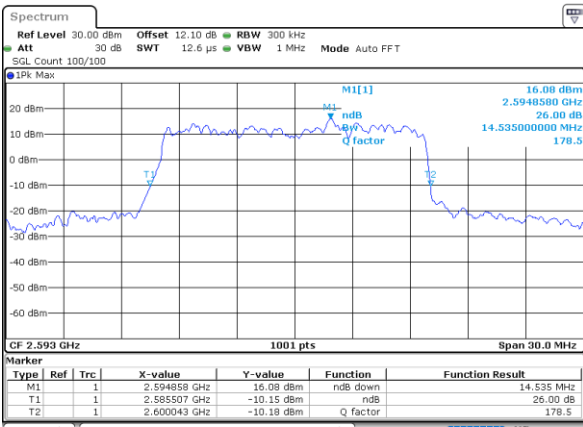
Date: 14.OCT.2022 01:32:52

Middle Channel / 10MHz / 256QAM



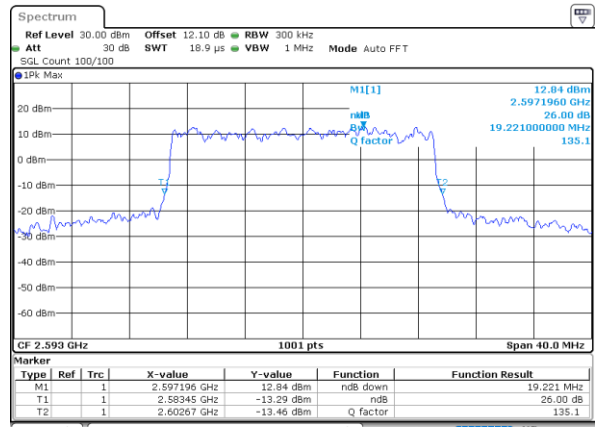
Date: 14.OCT.2022 01:37:32

Middle Channel / 15MHz / 256QAM



Date: 14.OCT.2022 01:42:12

Middle Channel / 20MHz / 256QAM



Date: 14.OCT.2022 01:46:52



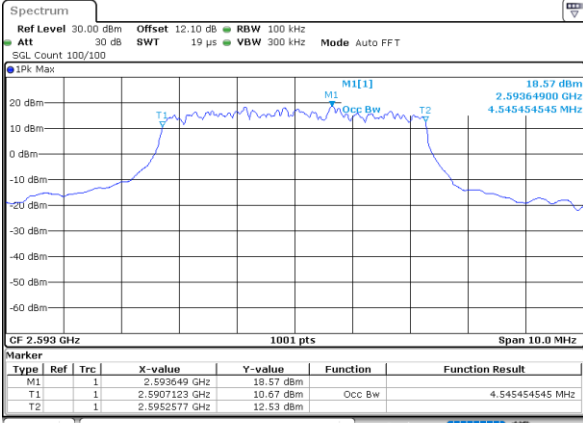
Occupied Bandwidth

Mode	LTE Band 41 : 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	-	-	-	-	4.55	4.56	8.97	9.01	13.43	13.43	17.94	17.90
Mode	LTE Band 41 : 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	-	-	-	-	4.50	4.48	8.99	9.05	13.49	13.43	17.90	17.94



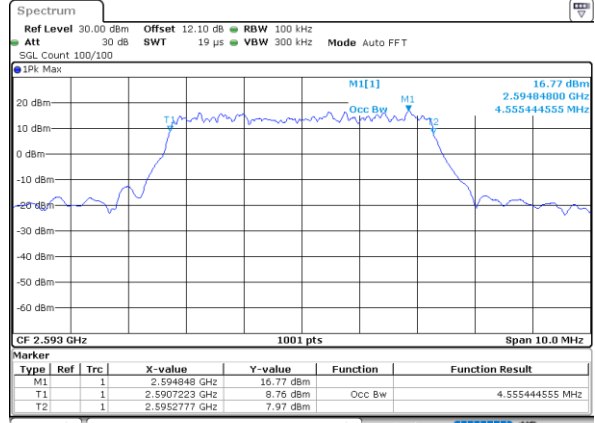
LTE Band 41

Middle Channel / 5MHz / QPSK



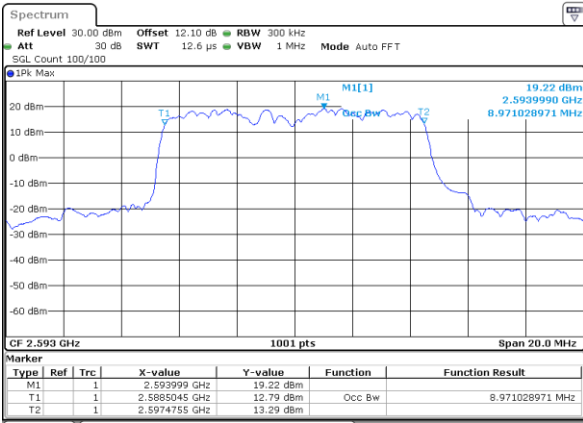
Date: 14.OCT.2022 00:38:13

Middle Channel / 5MHz / 16QAM



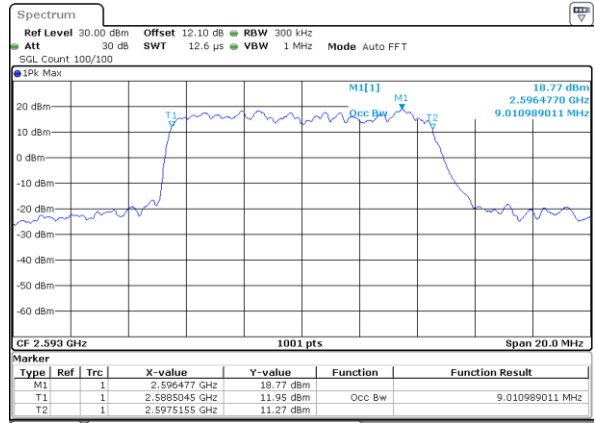
Date: 14.OCT.2022 00:38:38

Middle Channel / 10MHz / QPSK



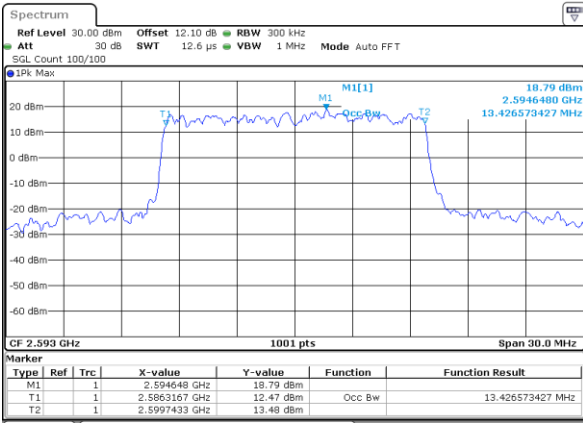
Date: 14.OCT.2022 01:12:28

Middle Channel / 10MHz / 16QAM



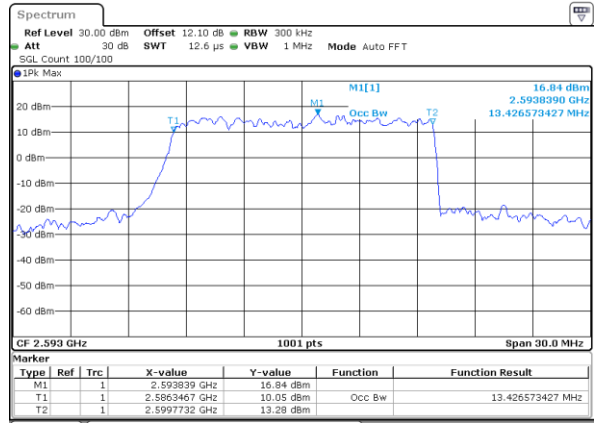
Date: 14.OCT.2022 01:12:54

Middle Channel / 15MHz / QPSK



Date: 14.OCT.2022 01:18:50

Middle Channel / 15MHz / 16QAM

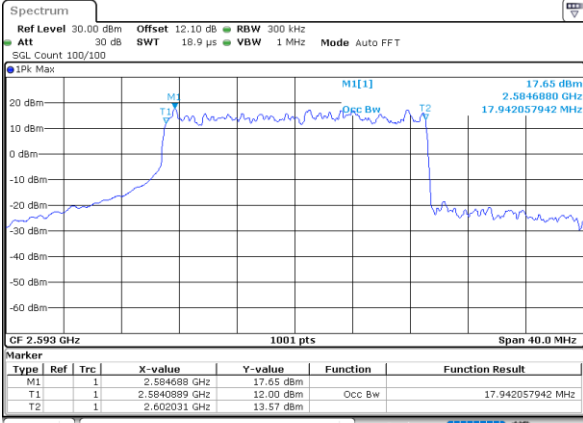


Date: 14.OCT.2022 01:19:16



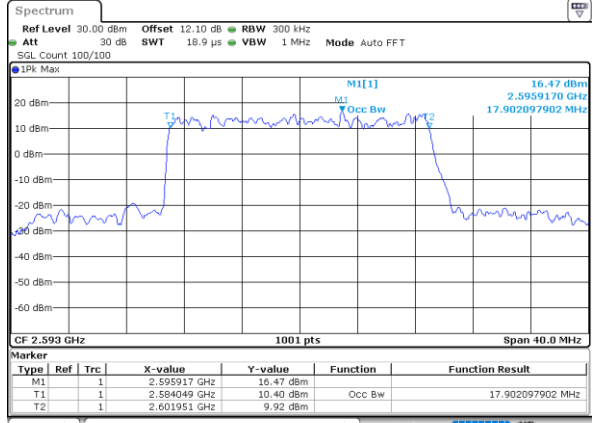
LTE Band 41

Middle Channel / 20MHz / QPSK



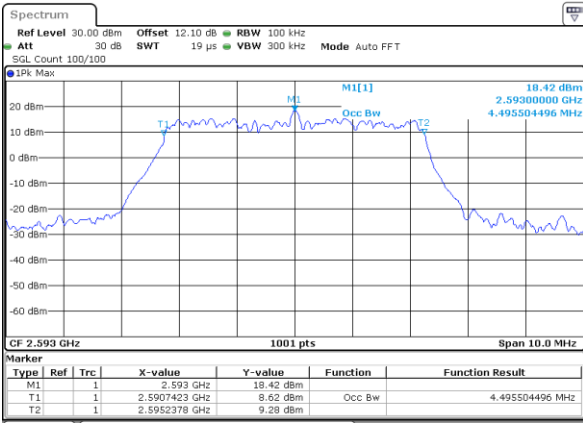
Date: 14.OCT.2022 01:25:09

Middle Channel / 20MHz / 16QAM



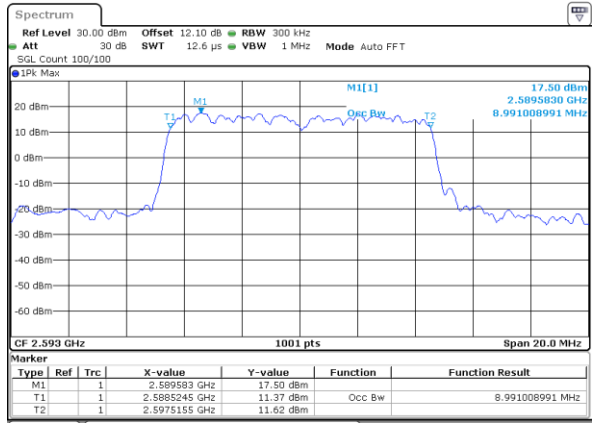
Date: 14.OCT.2022 01:25:35

Middle Channel / 5MHz / 64QAM



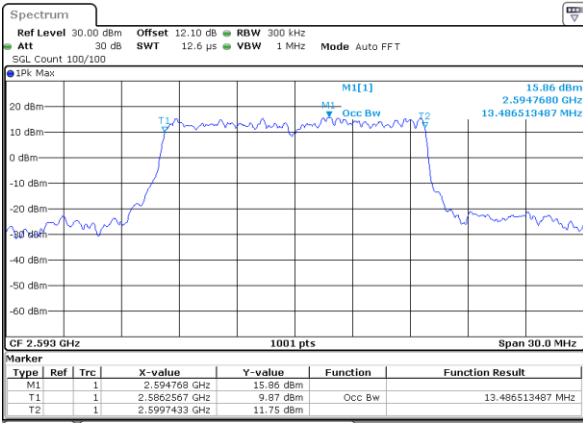
Date: 14.OCT.2022 00:39:55

Middle Channel / 10MHz / 64QAM



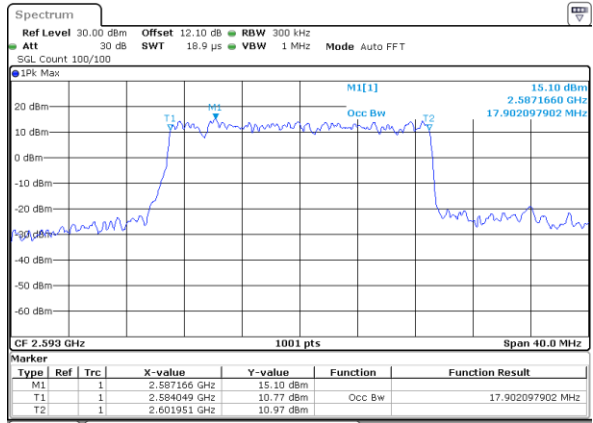
Date: 14.OCT.2022 01:14:12

Middle Channel / 15MHz / 64QAM



Date: 14.OCT.2022 01:20:34

Middle Channel / 20MHz / 64QAM

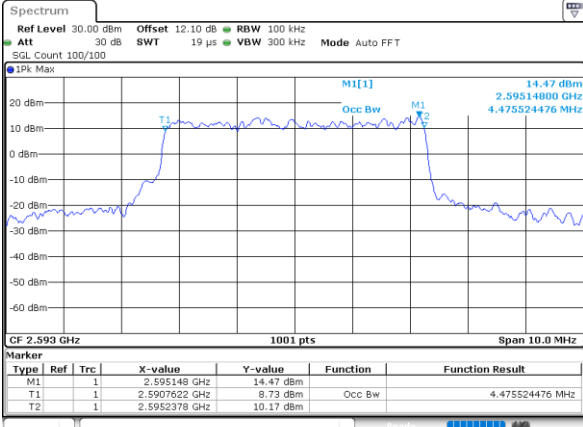


Date: 14.OCT.2022 01:26:53



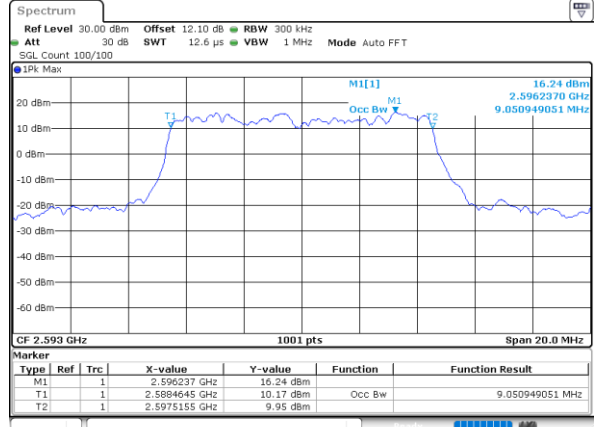
LTE Band 41

Middle Channel / 5MHz / 256QAM



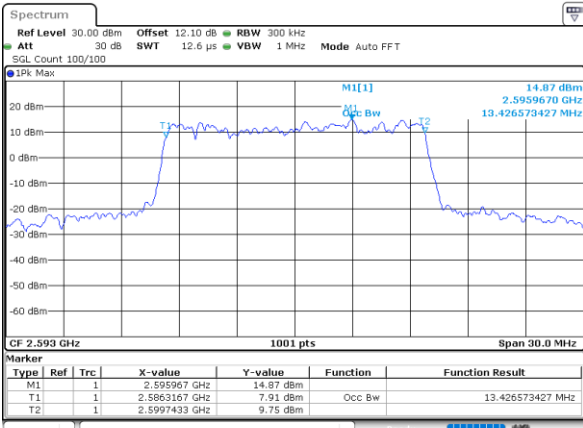
Date: 14.OCT.2022 01:32:38

Middle Channel / 10MHz / 256QAM



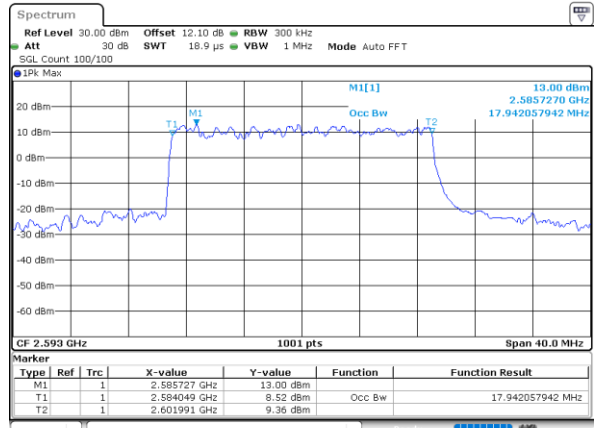
Date: 14.OCT.2022 01:37:18

Middle Channel / 15MHz / 256QAM



Date: 14.OCT.2022 01:41:58

Middle Channel / 20MHz / 256QAM



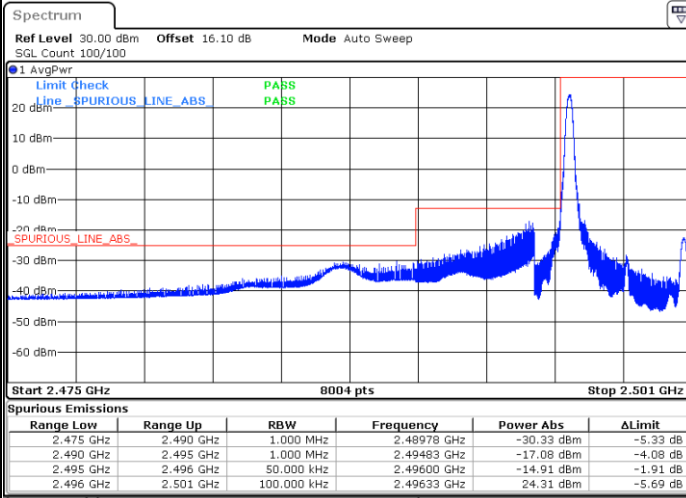
Date: 14.OCT.2022 01:46:38



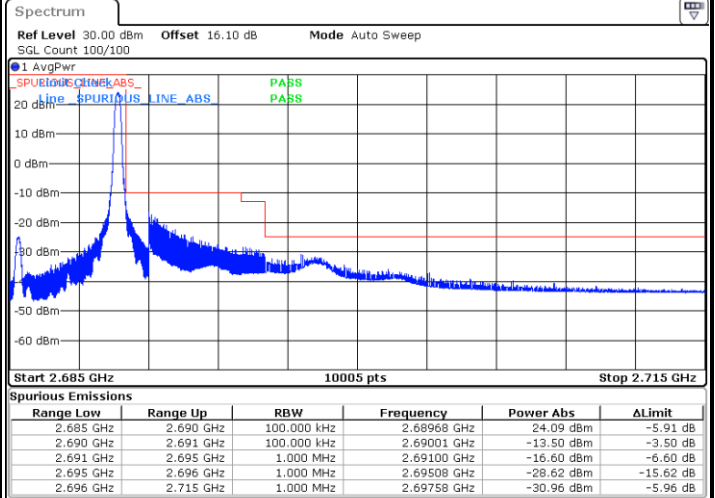
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

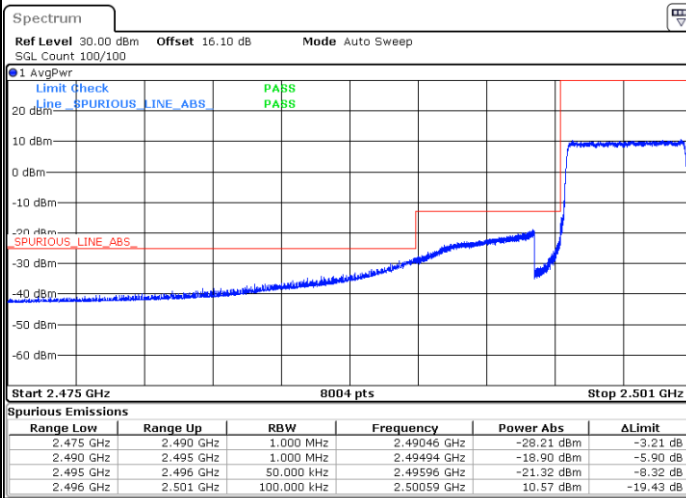
Lowest Band Edge / 1 RB



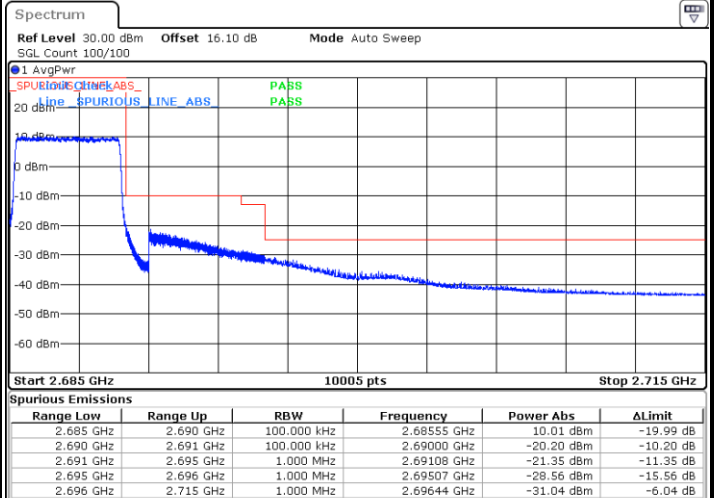
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



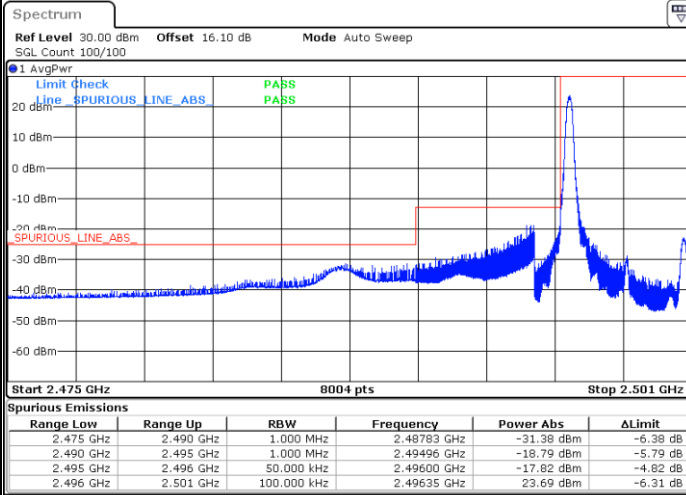
Highest Band Edge / Full RB





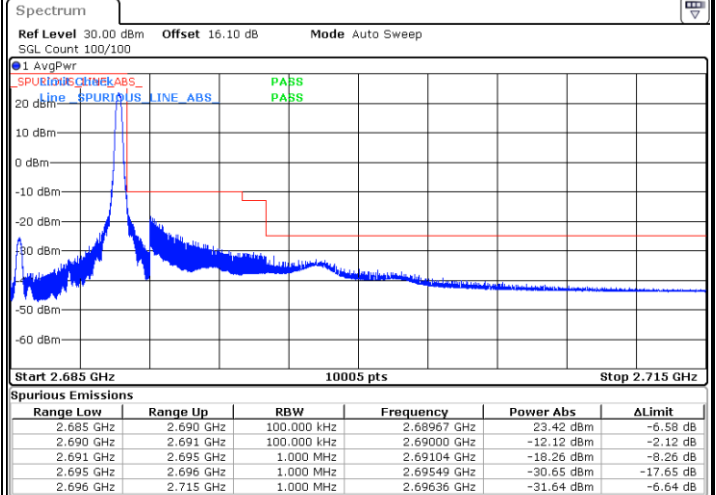
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



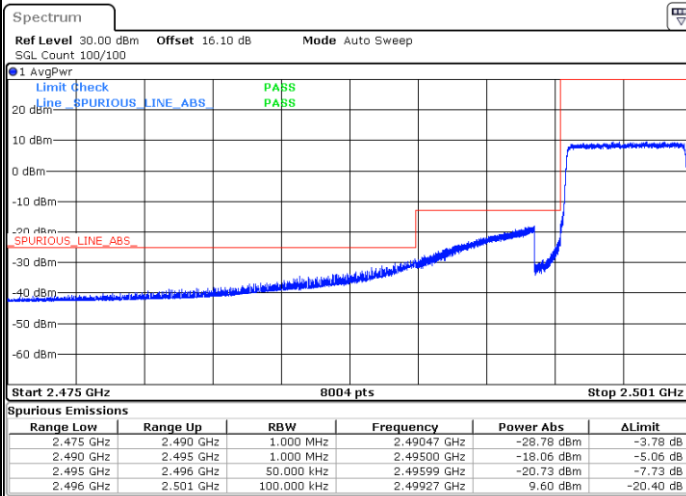
Date: 13.OCT.2022 23:14:04

Highest Band Edge / 1 RB



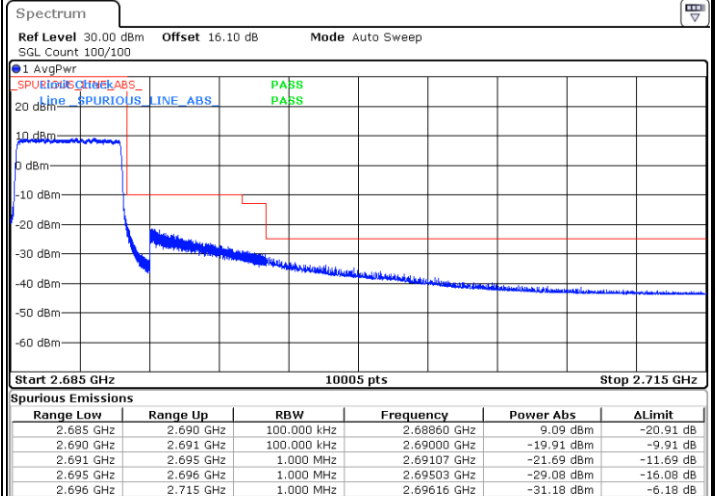
Date: 13.OCT.2022 23:18:04

Lowest Band Edge / Full RB



Date: 13.OCT.2022 23:15:57

Highest Band Edge / Full RB

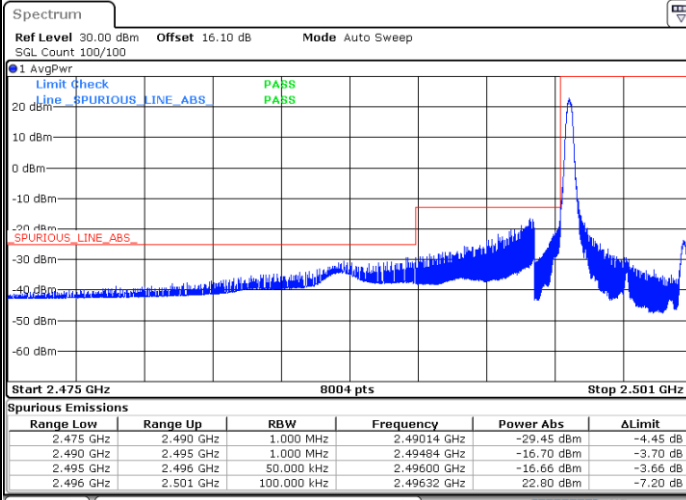


Date: 13.OCT.2022 23:20:11



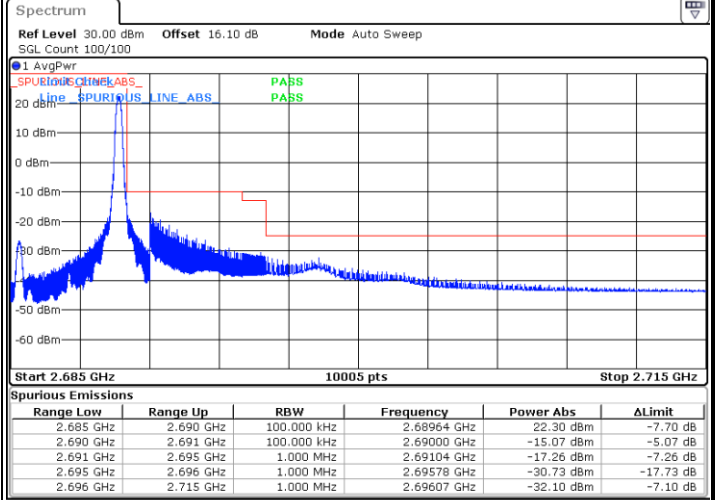
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



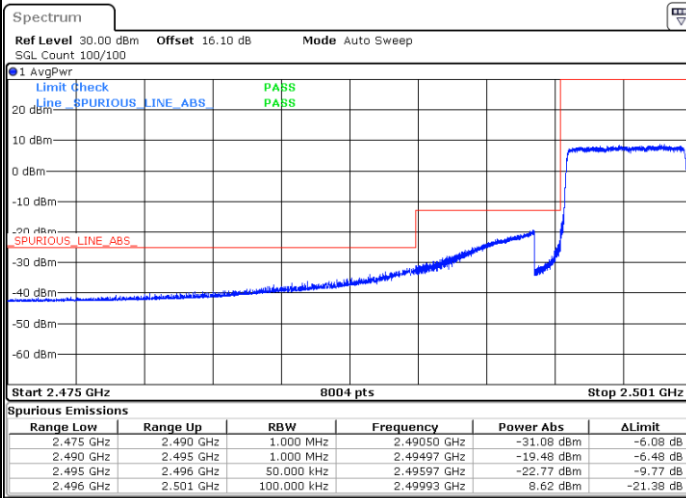
Date: 13.OCT.2022 23:21:07

Highest Band Edge / 1 RB



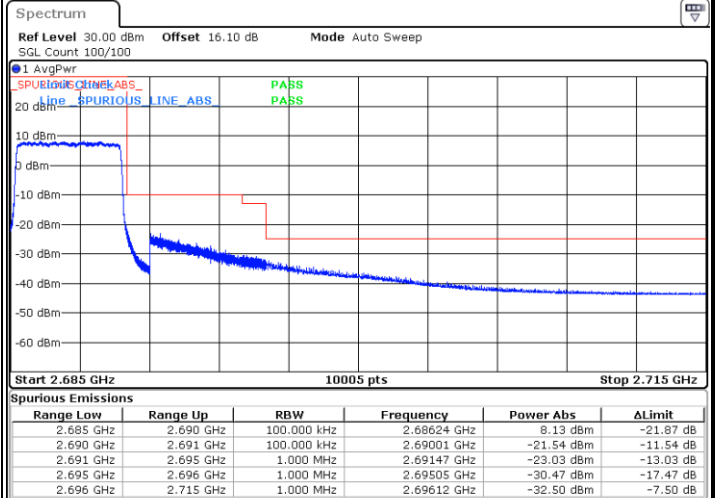
Date: 13.OCT.2022 23:23:07

Lowest Band Edge / Full RB



Date: 13.OCT.2022 23:22:03

Highest Band Edge / Full RB

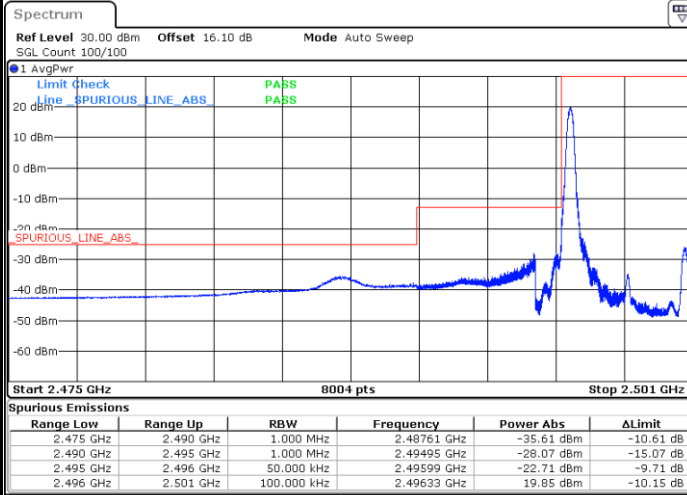


Date: 13.OCT.2022 23:24:10



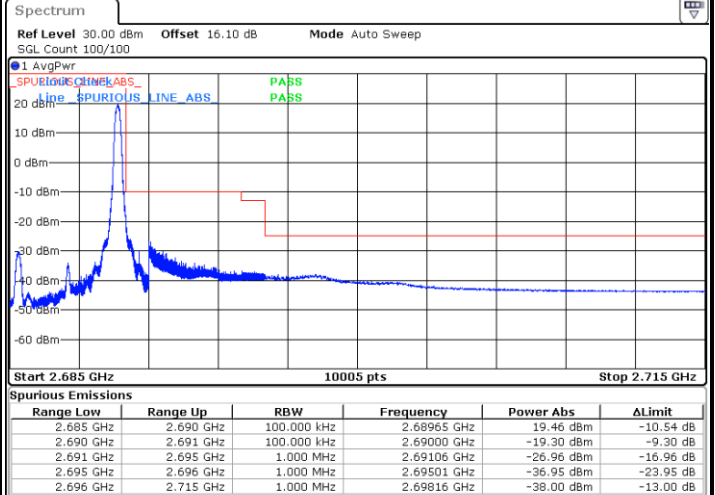
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



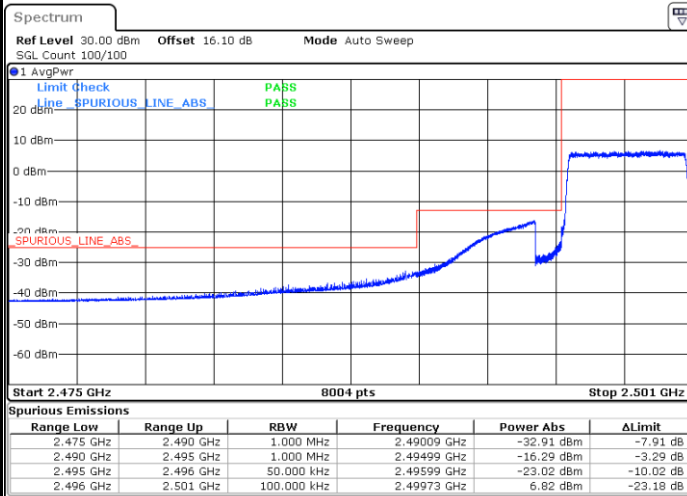
Date: 14.OCT.2022 00:17:54

Highest Band Edge / 1 RB



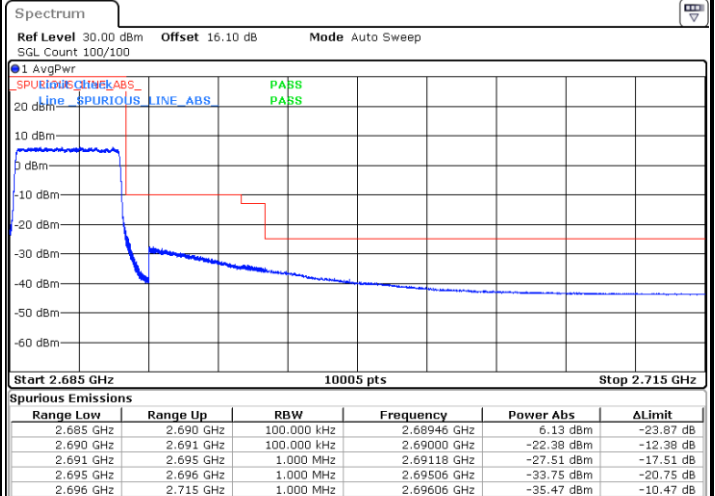
Date: 14.OCT.2022 00:19:53

Lowest Band Edge / Full RB



Date: 14.OCT.2022 00:18:50

Highest Band Edge / Full RB

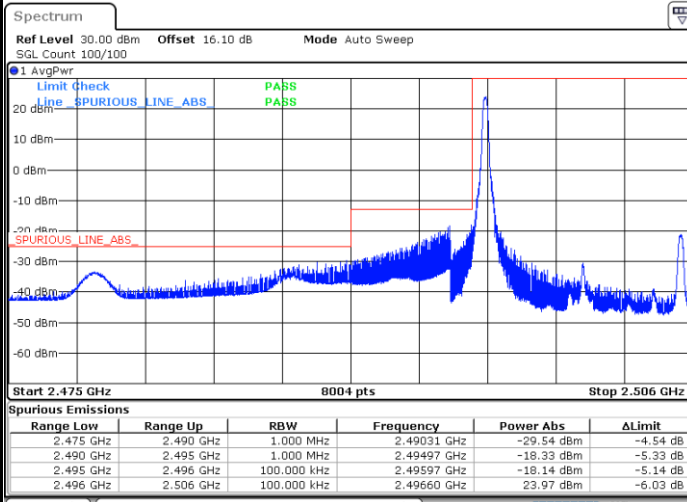


Date: 14.OCT.2022 00:21:00



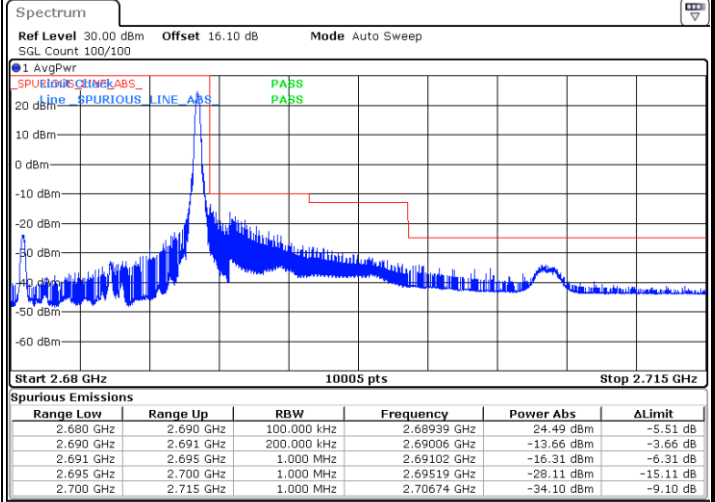
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



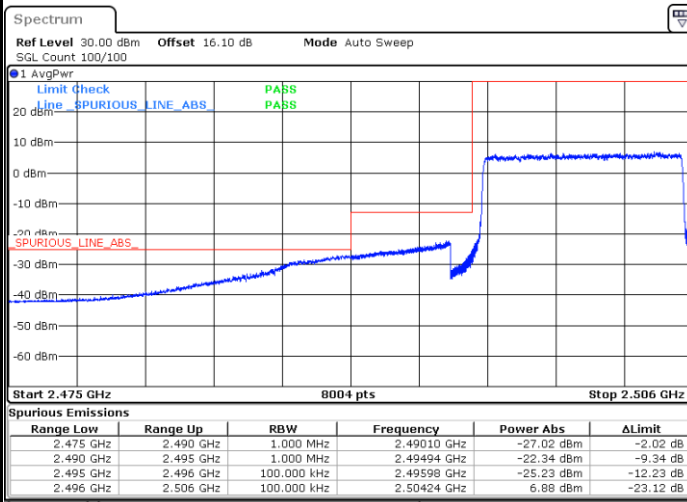
Date: 13.OCT.2022 23:31:40

Highest Band Edge / 1 RB



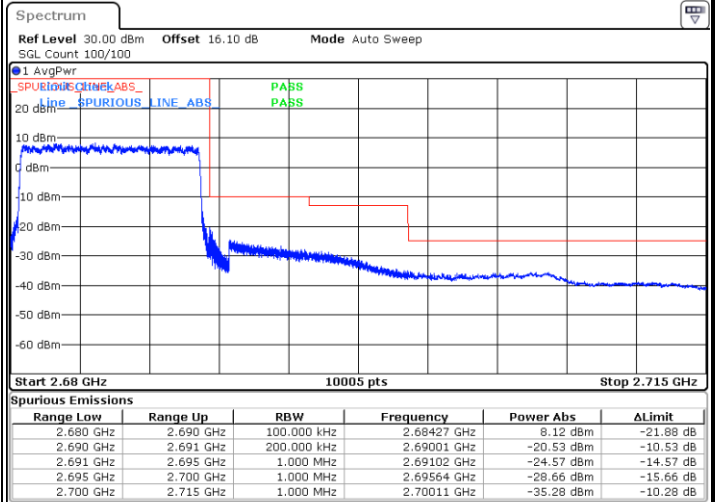
Date: 13.OCT.2022 23:35:24

Lowest Band Edge / Full RB



Date: 15.OCT.2022 00:38:10

Highest Band Edge / Full RB

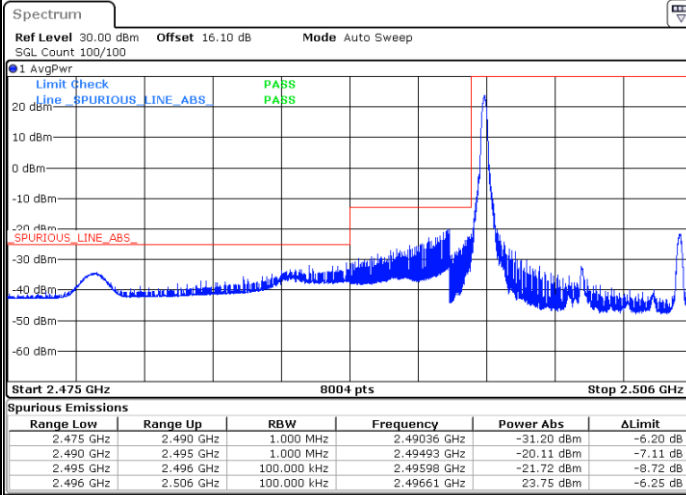


Date: 13.OCT.2022 23:37:15



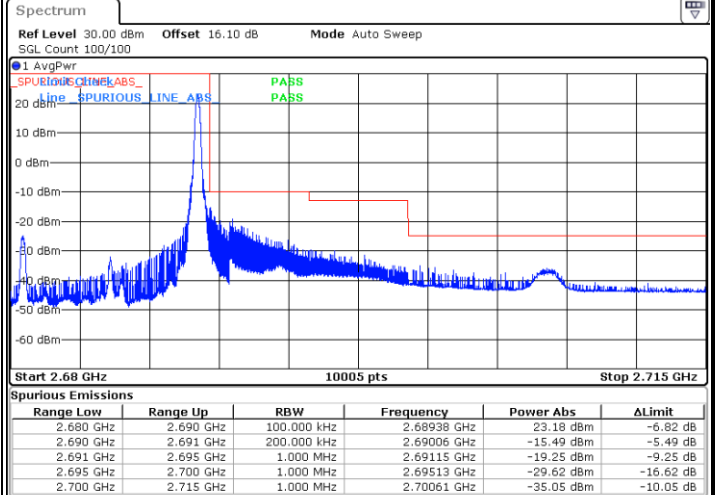
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



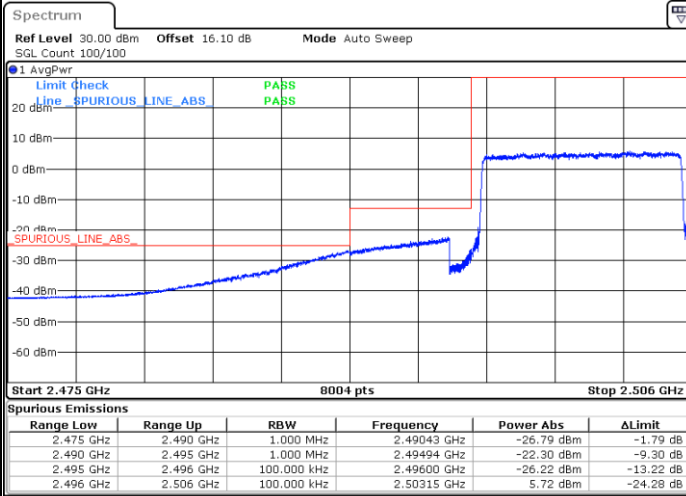
Date: 13.OCT.2022 23:32:36

Highest Band Edge / 1 RB



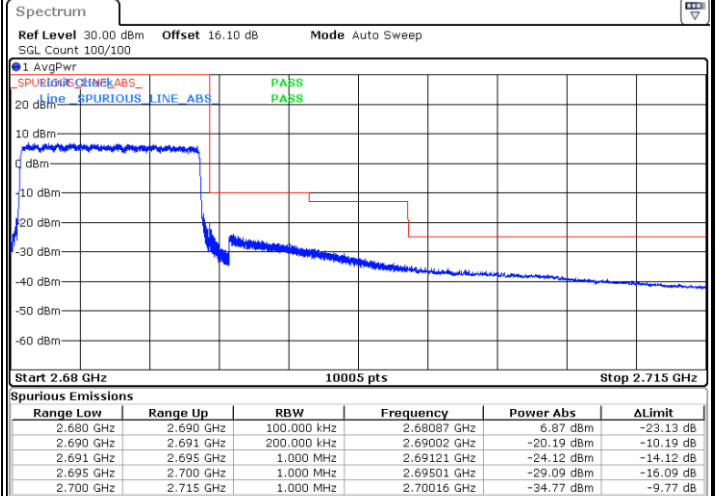
Date: 13.OCT.2022 23:36:20

Lowest Band Edge / Full RB



Date: 15.OCT.2022 00:36:56

Highest Band Edge / Full RB

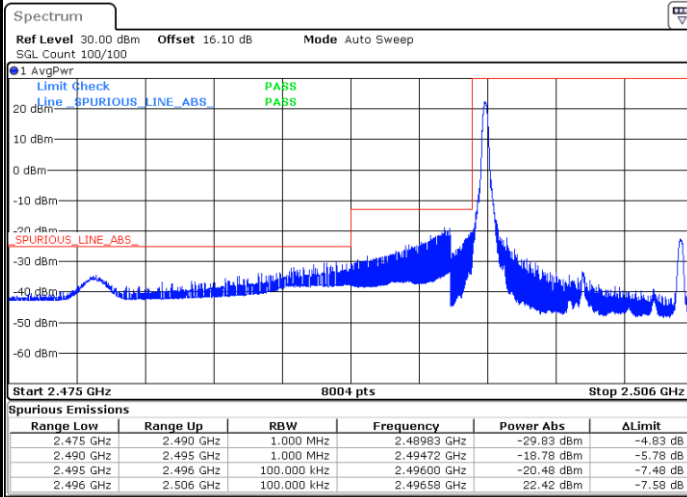


Date: 13.OCT.2022 23:38:11



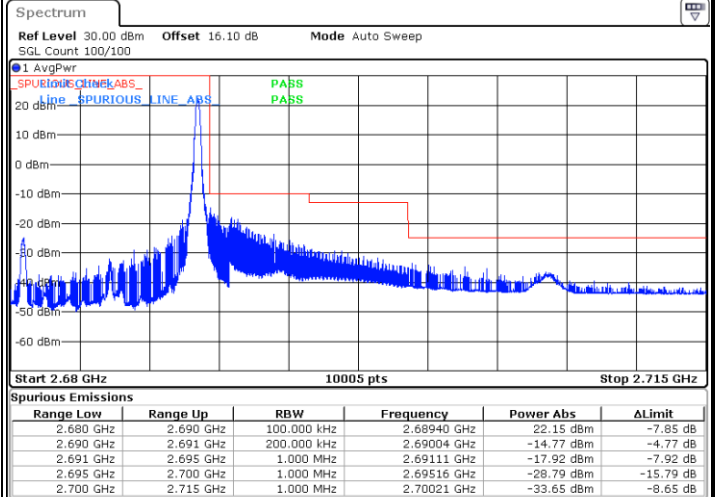
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



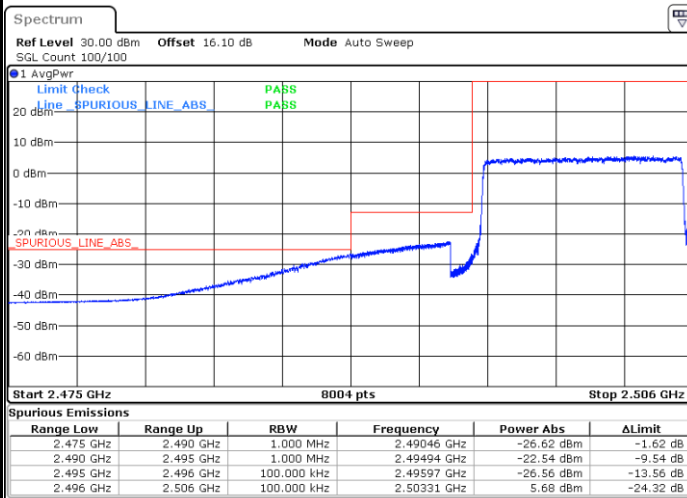
Date: 13.OCT.2022 23:39:07

Highest Band Edge / 1 RB



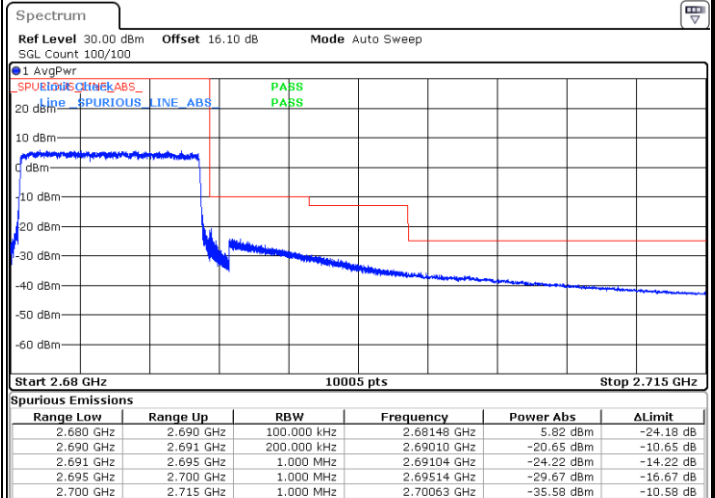
Date: 13.OCT.2022 23:40:59

Lowest Band Edge / Full RB



Date: 13.OCT.2022 23:40:03

Highest Band Edge / Full RB

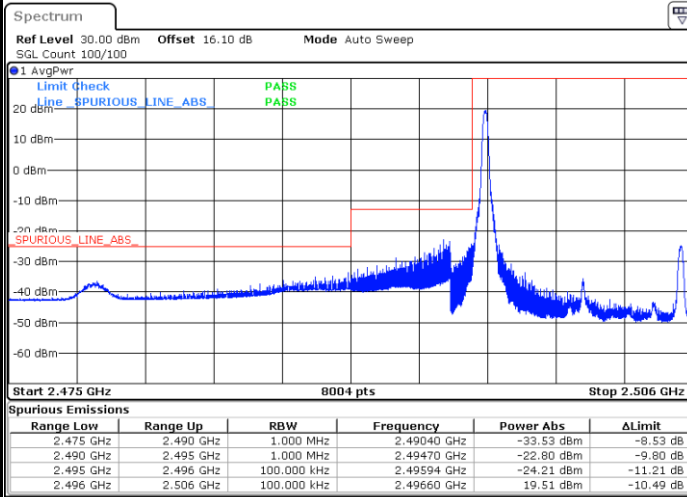


Date: 13.OCT.2022 23:41:54



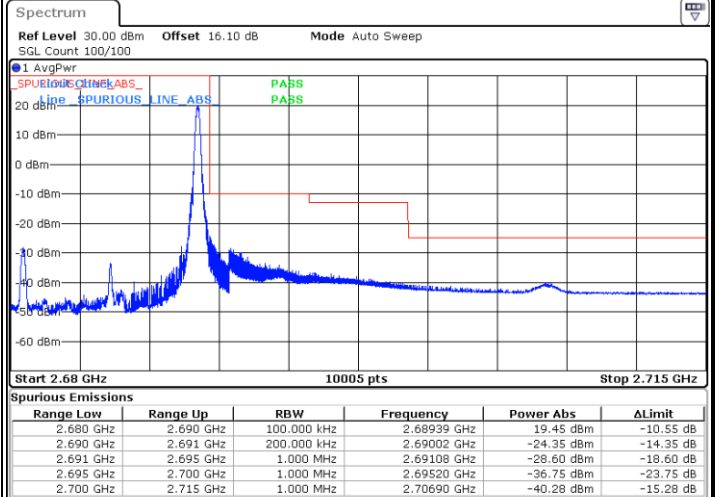
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



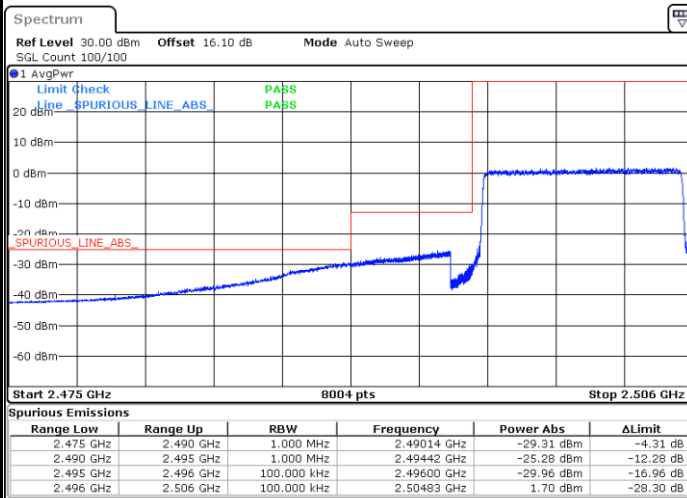
Date: 14.OCT.2022 00:23:59

Highest Band Edge / 1 RB



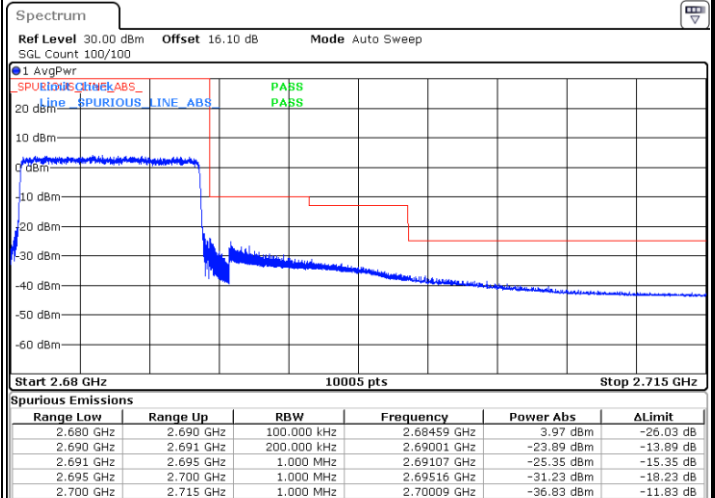
Date: 14.OCT.2022 00:25:51

Lowest Band Edge / Full RB



Date: 15.OCT.2022 00:40:18

Highest Band Edge / Full RB

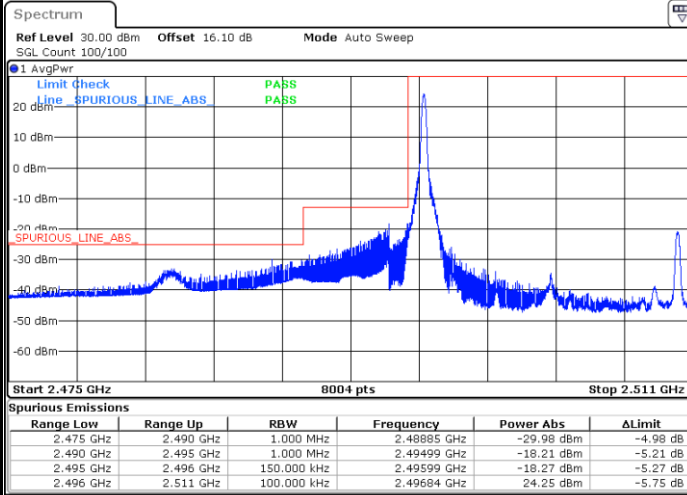


Date: 14.OCT.2022 00:26:46



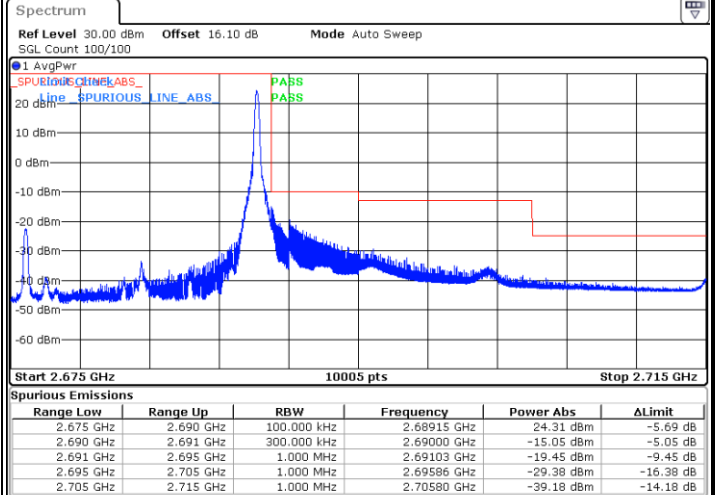
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



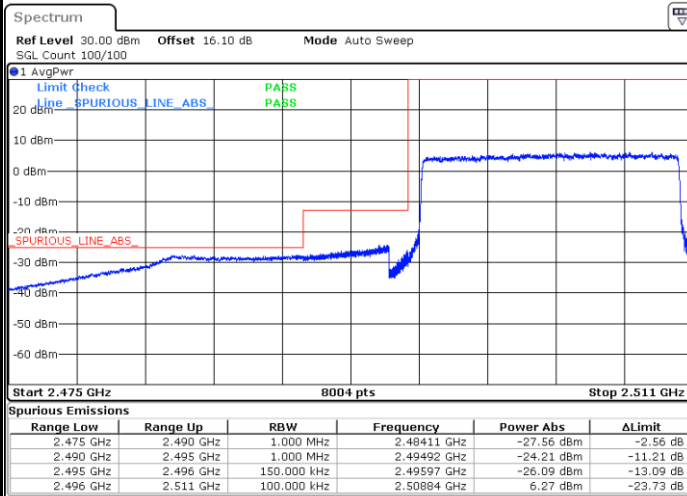
Date: 13.OCT.2022 23:51:02

Highest Band Edge / 1 RB



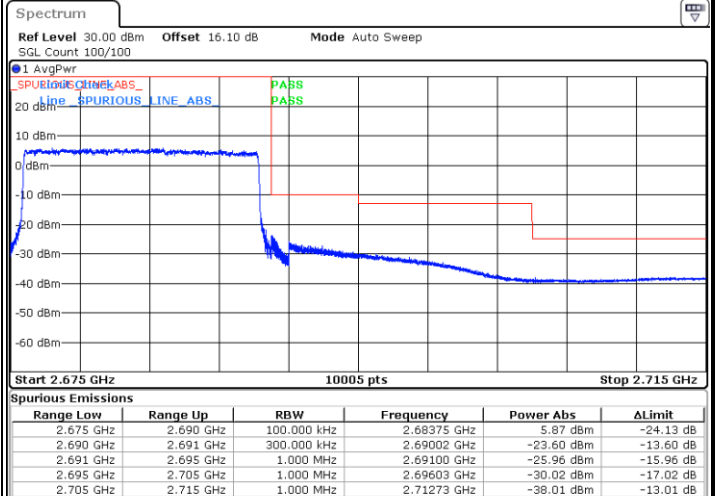
Date: 13.OCT.2022 23:54:46

Lowest Band Edge / Full RB



Date: 13.OCT.2022 23:52:54

Highest Band Edge / Full RB



Date: 13.OCT.2022 23:56:37