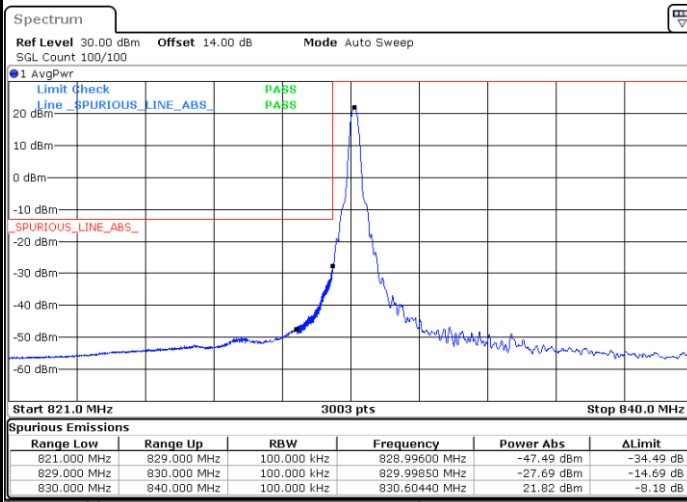




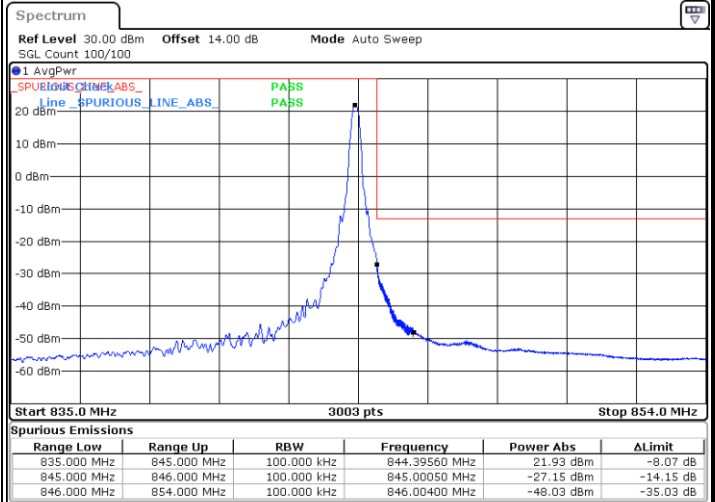
LTE Band 19 / 10MHz / QPSK

Lowest Band Edge / 1 RB



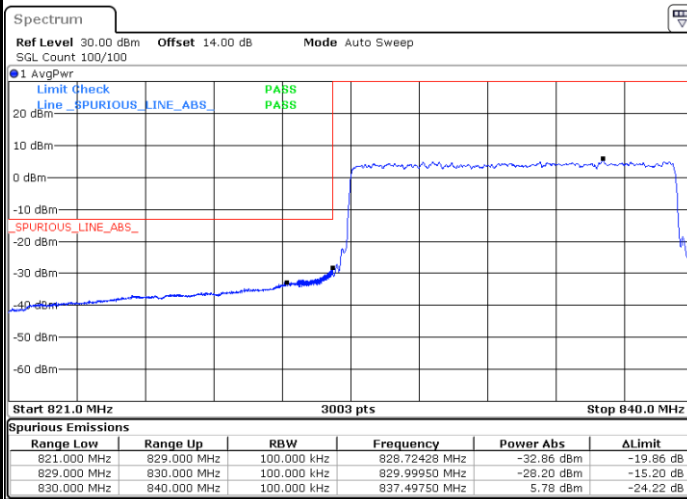
Date: 19.APR.2022 15:12:34

Highest Band Edge / 1 RB



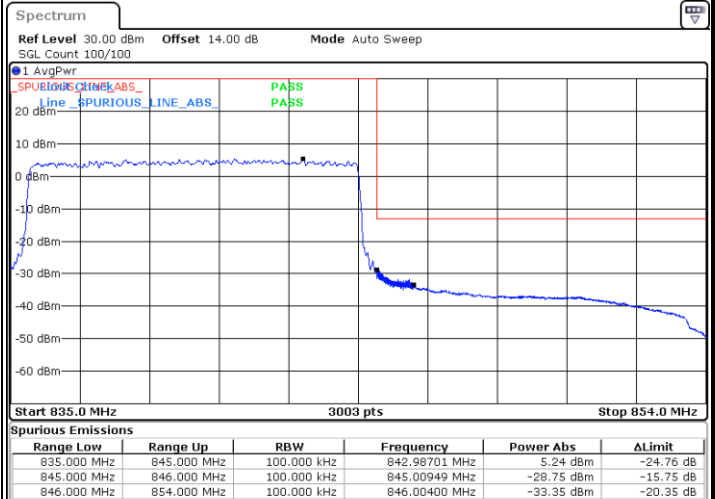
Date: 19.APR.2022 16:17:54

Lowest Band Edge / Full RB



Date: 19.APR.2022 12:56:13

Highest Band Edge / Full RB

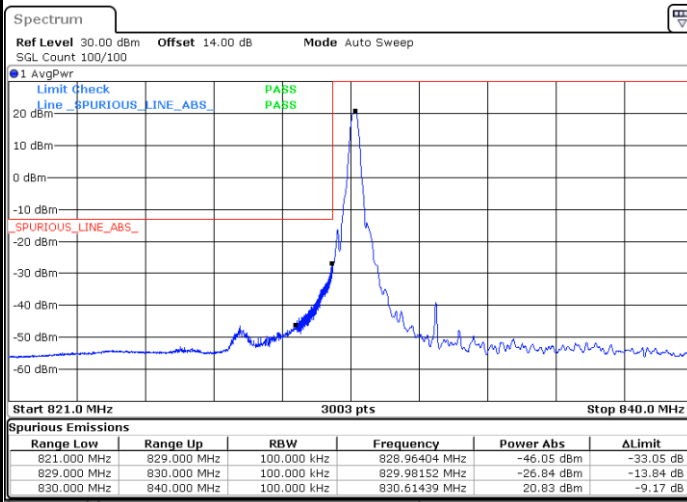


Date: 19.APR.2022 16:11:55



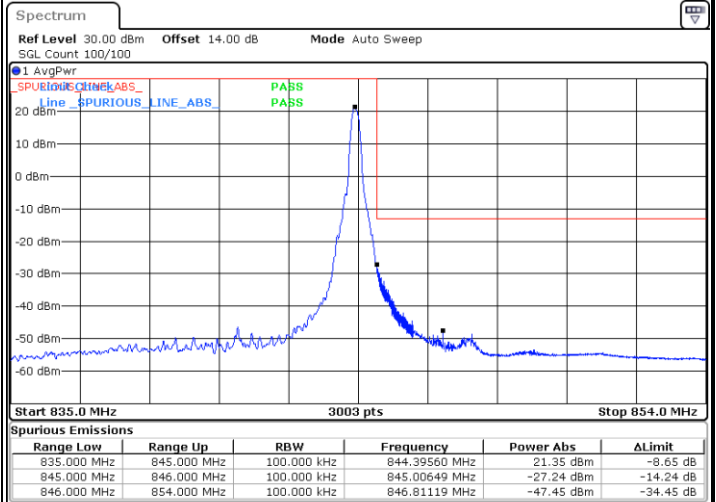
LTE Band 19 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



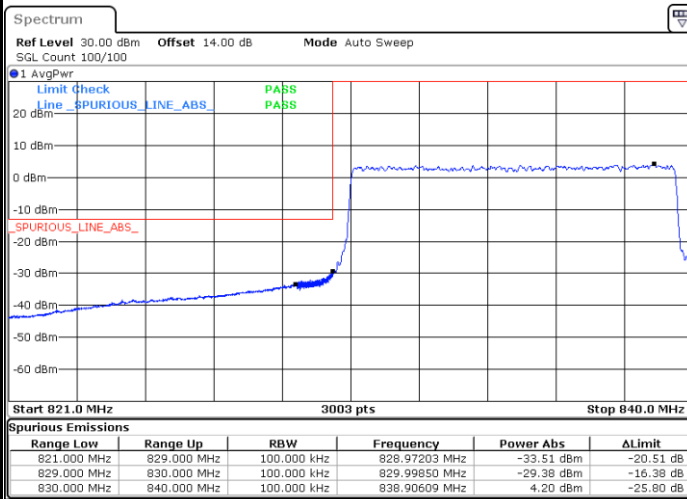
Date: 19.APR.2022 15:11:02

Highest Band Edge / 1 RB



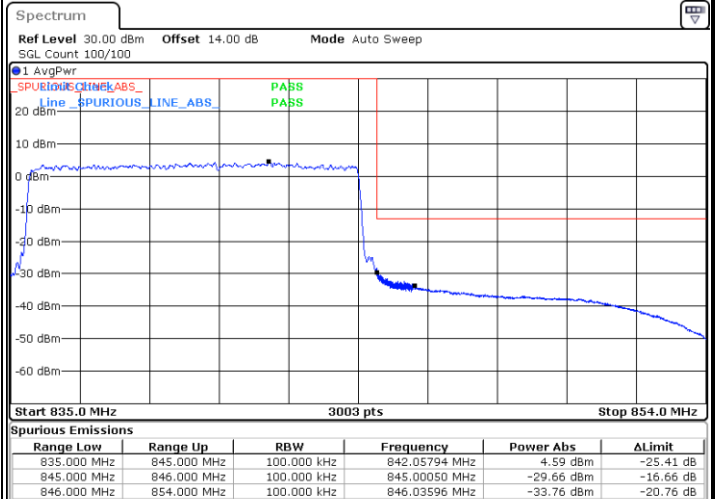
Date: 19.APR.2022 16:18:37

Lowest Band Edge / Full RB



Date: 19.APR.2022 12:57:49

Highest Band Edge / Full RB

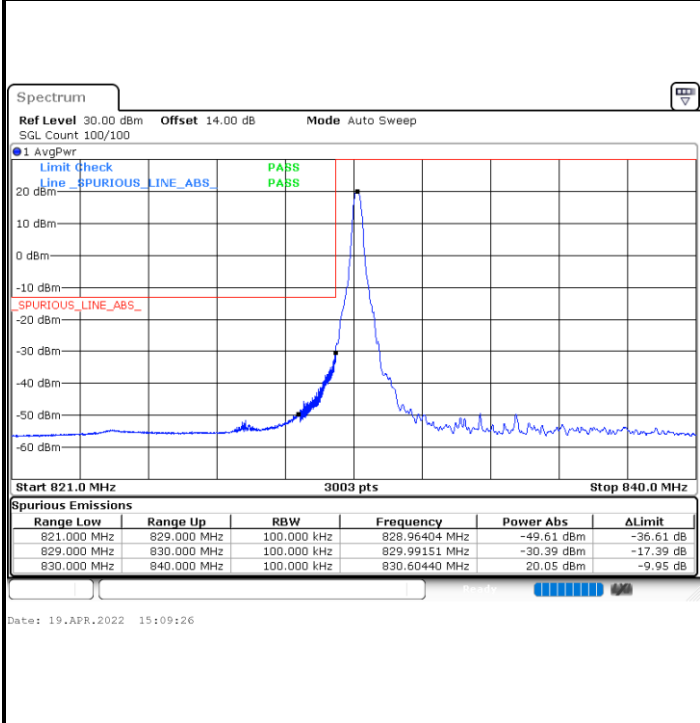


Date: 19.APR.2022 16:13:29

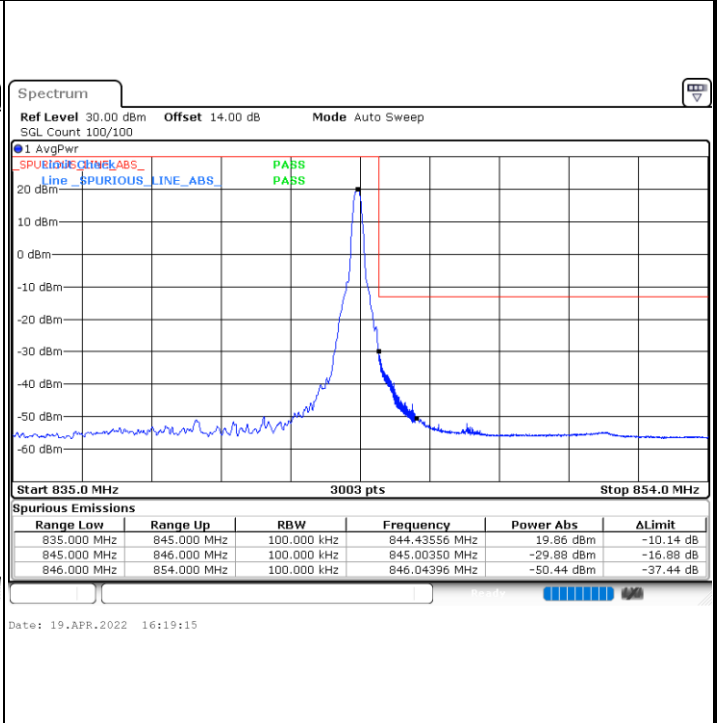


LTE Band 19 / 10MHz / 64QAM

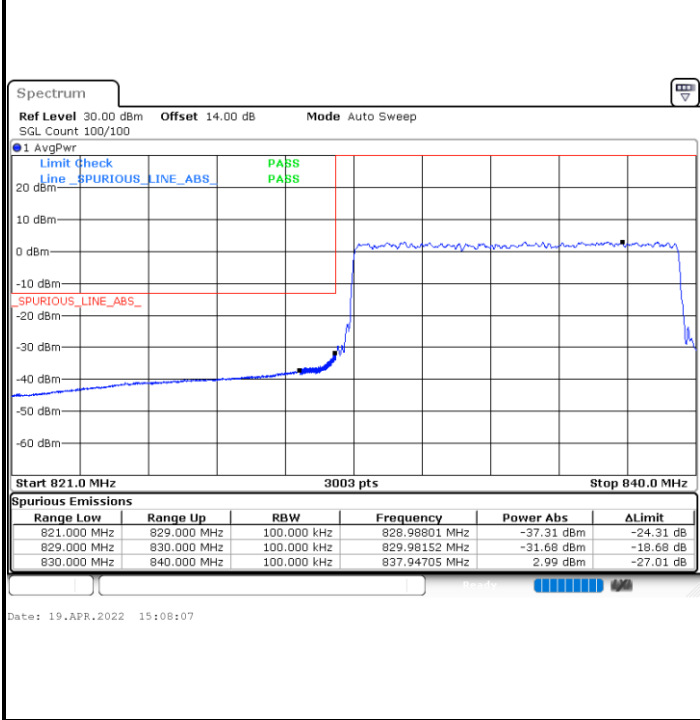
Lowest Band Edge / 1 RB



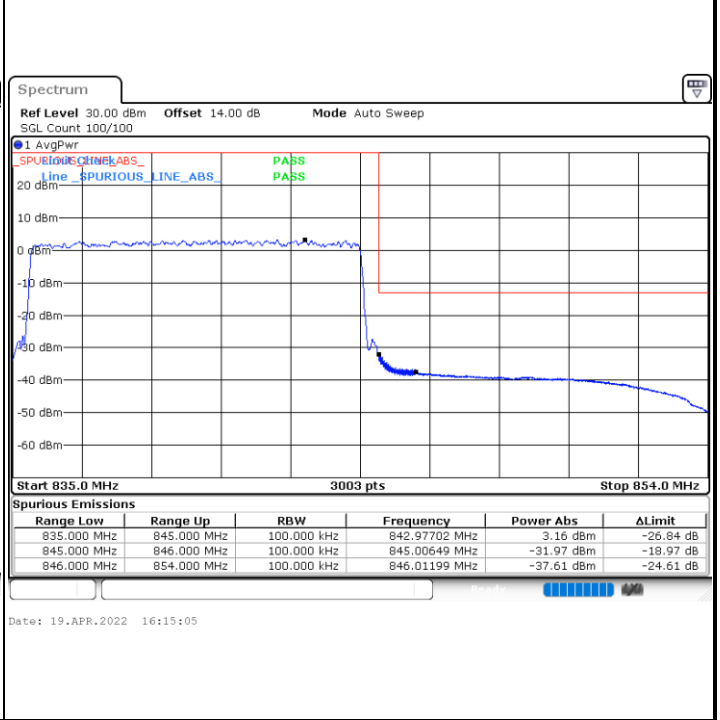
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



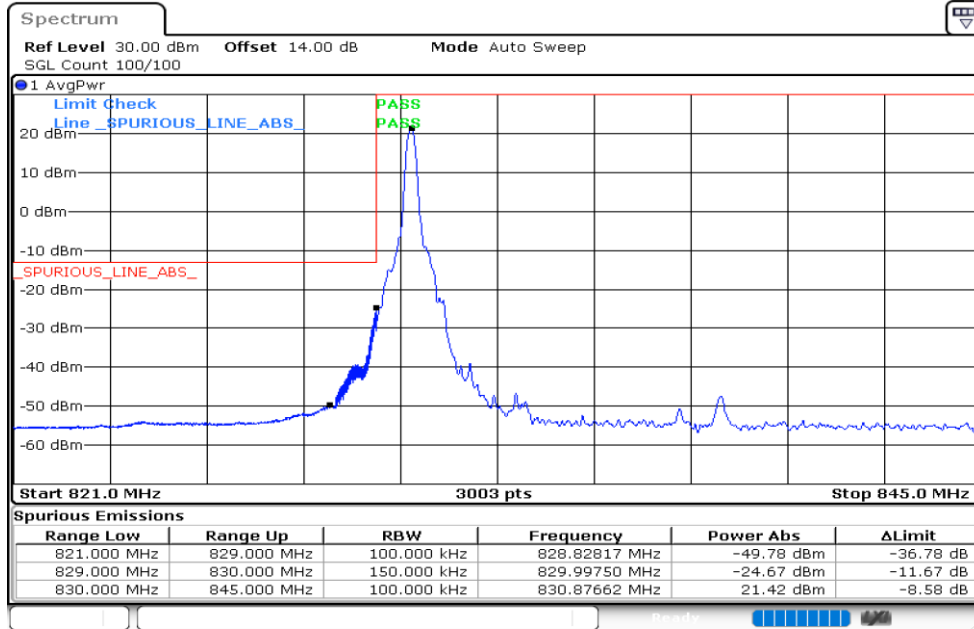
Highest Band Edge / Full RB





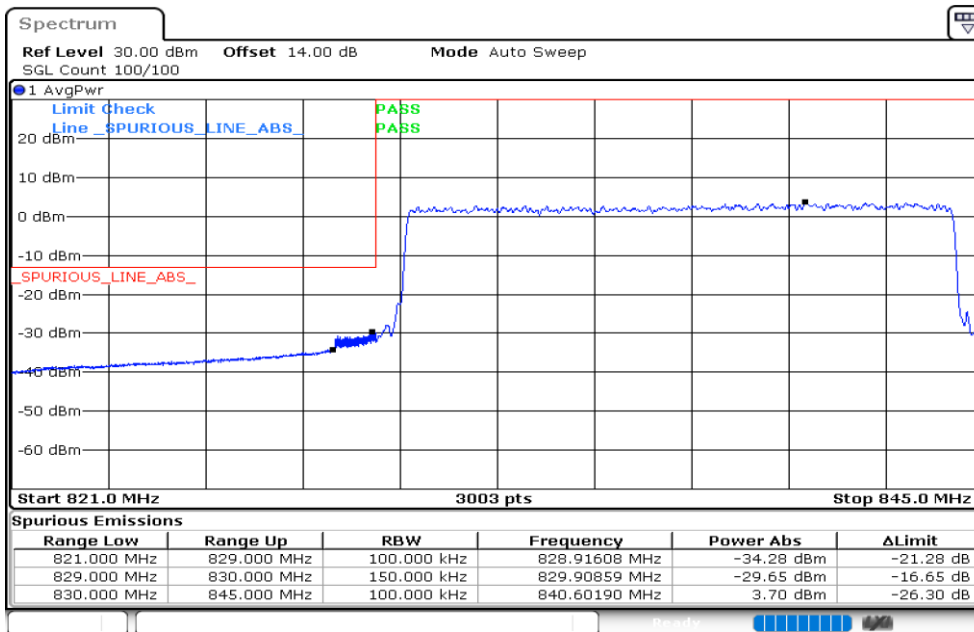
LTE Band 19 / 15MHz / QPSK

Lowest Band Edge / 1 RB



Date: 19.APR.2022 16:27:00

Lowest Band Edge / Full RB

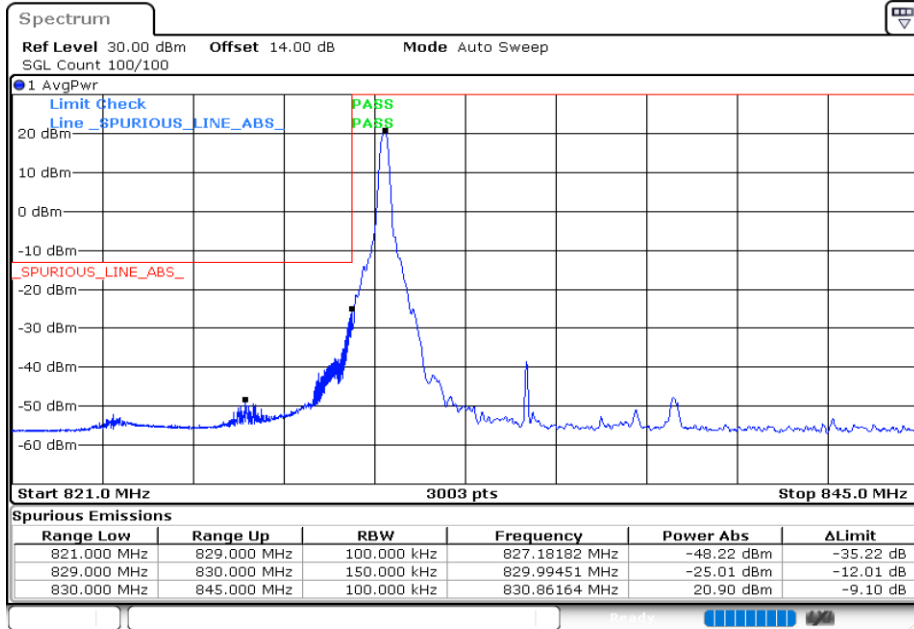


Date: 19.APR.2022 16:26:01



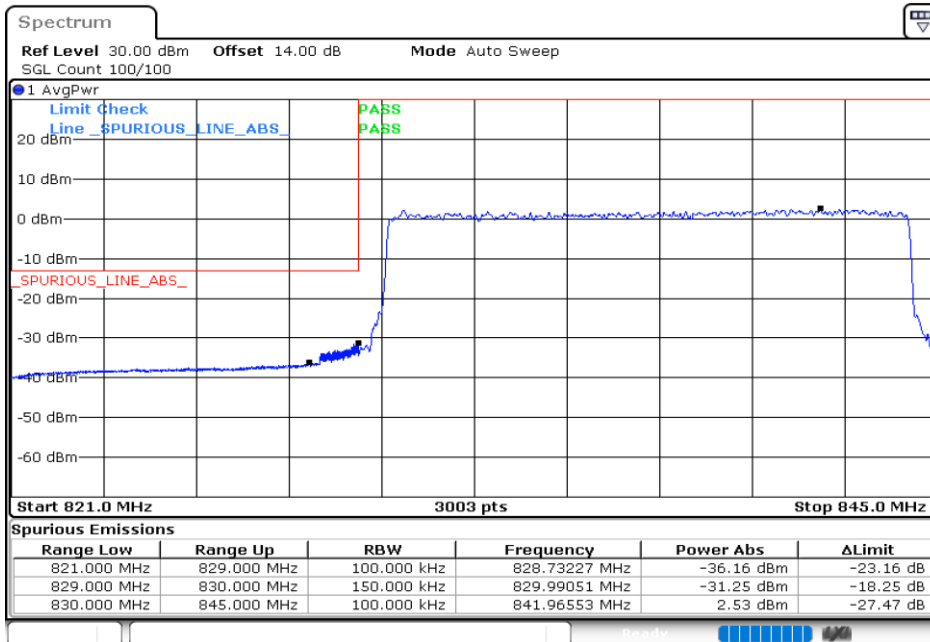
LTE Band 19 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 19.APR.2022 16:28:58

Lowest Band Edge / Full RB

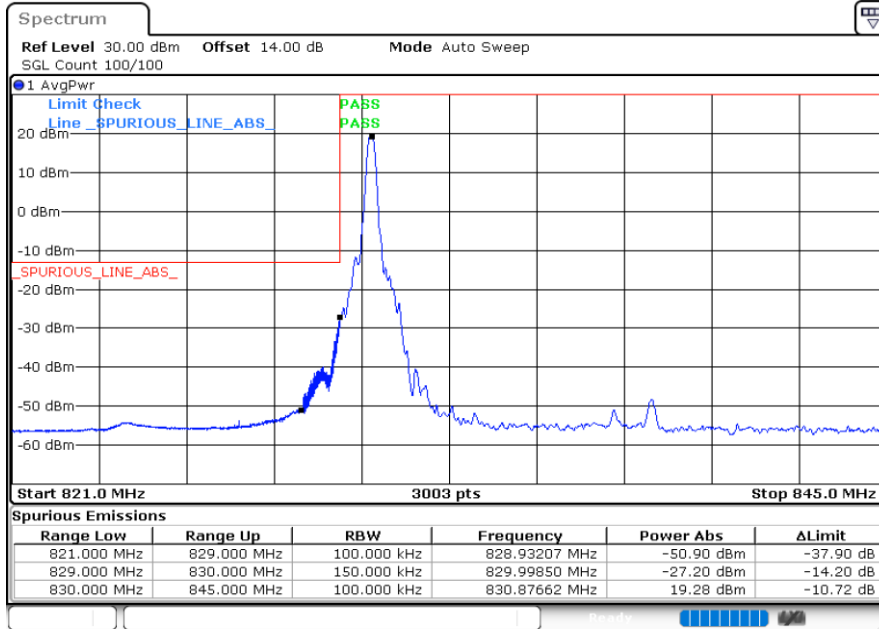


Date: 19.APR.2022 16:23:54



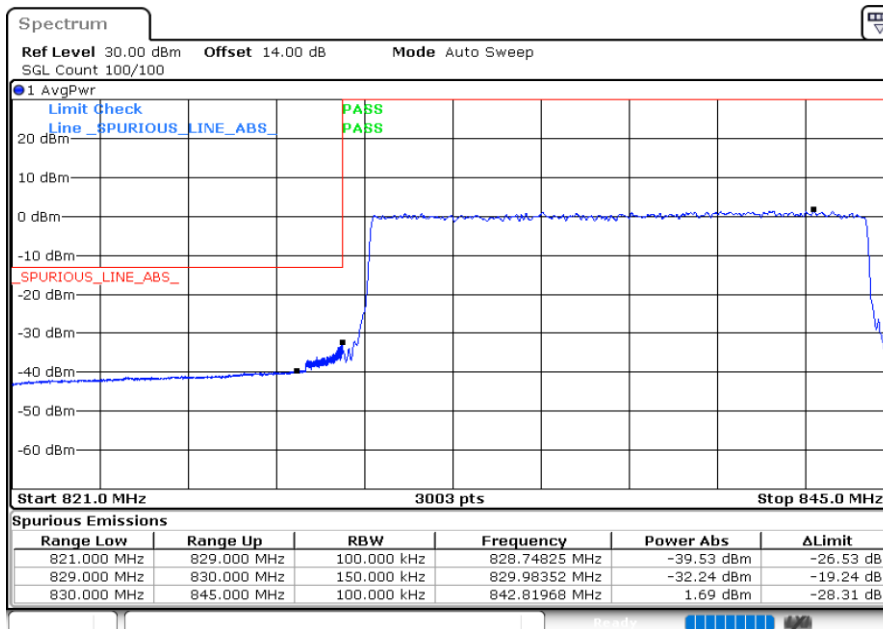
LTE Band 19 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 19.APR.2022 16:30:08

Lowest Band Edge / Full RB

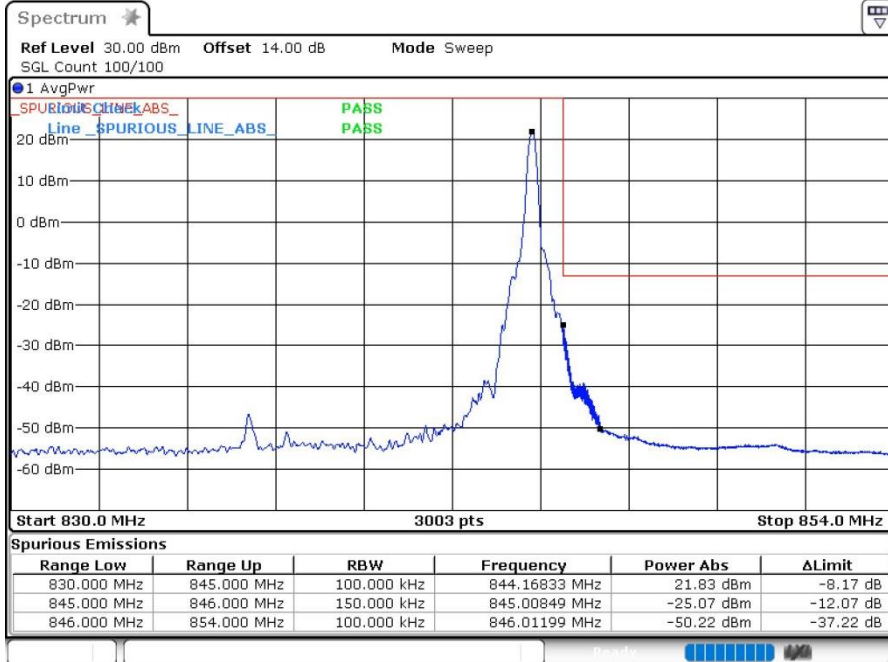


Date: 19.APR.2022 16:22:23



LTE Band 19 / 15MHz / QPSK

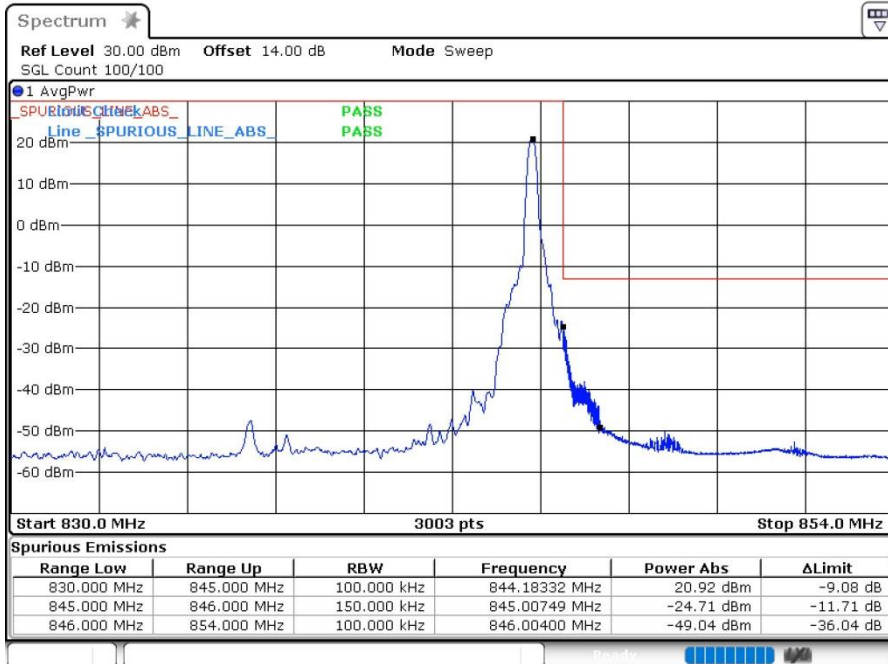
Lowest Band Edge / 1 RB



Date: 19.APR.2022 19:39:50

LTE Band 19 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

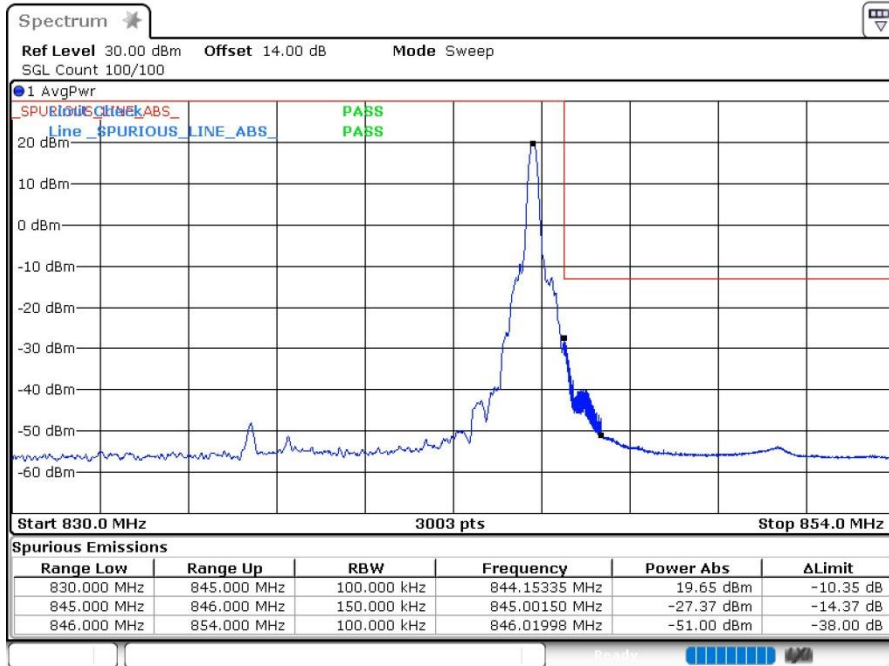


Date: 19.APR.2022 19:40:26



LTE Band 19 / 15MHz / 64QAM

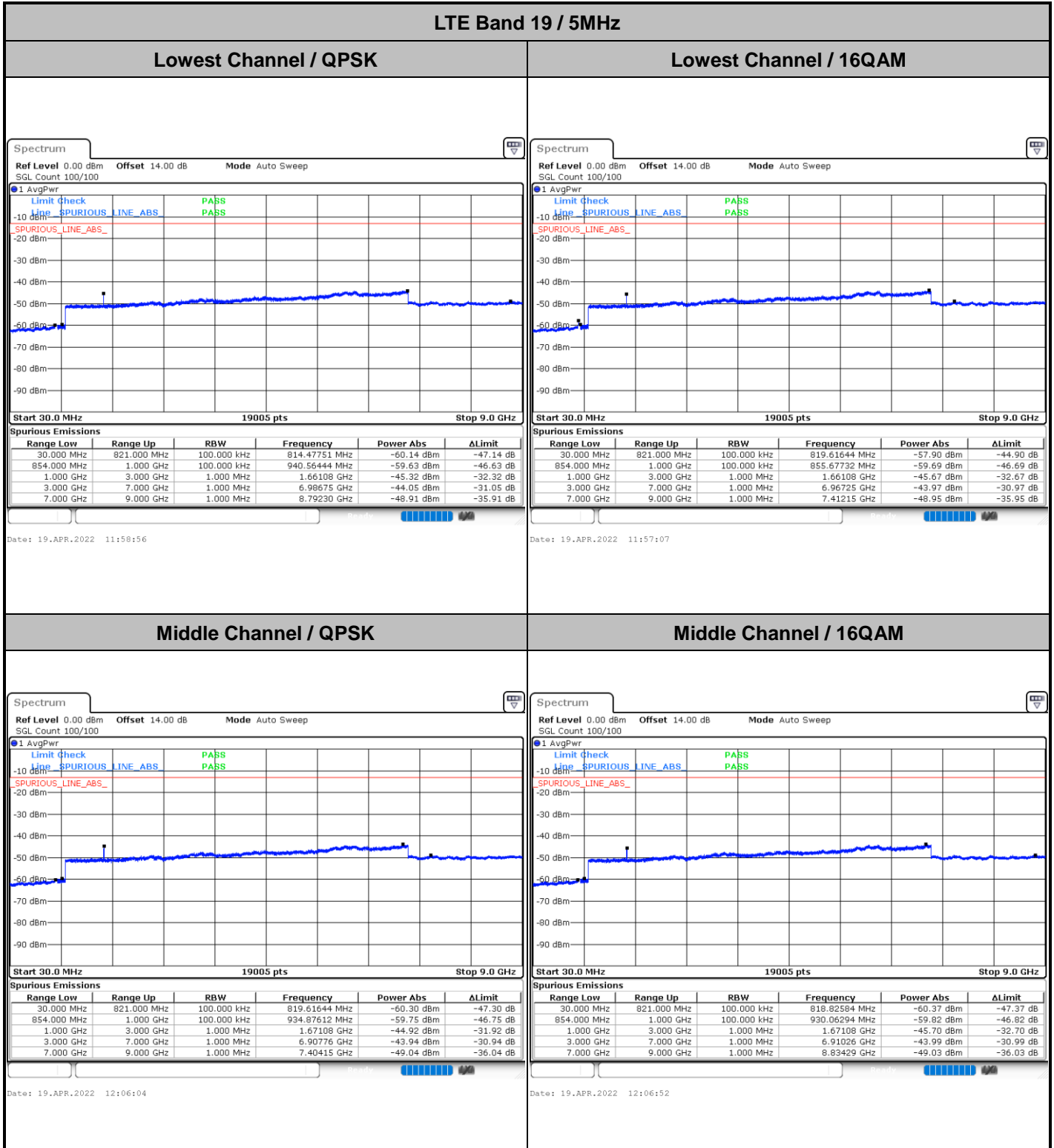
Lowest Band Edge / 1 RB



Date: 19.APR.2022 19:41:01



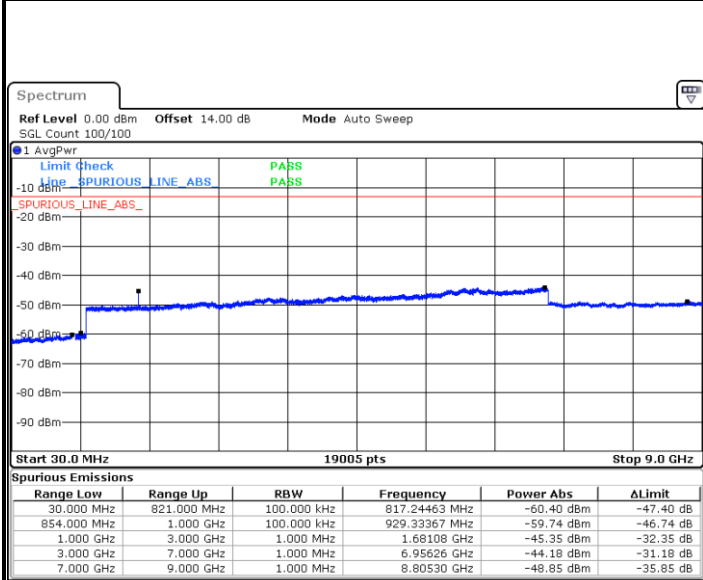
Conducted Spurious Emission





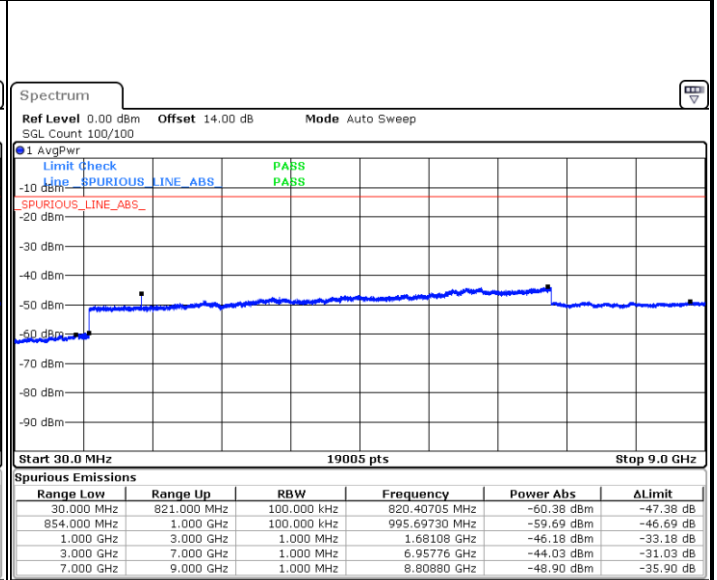
LTE Band 19 / 5MHz

Highest Channel / QPSK



Date: 19.APR.2022 12:10:49

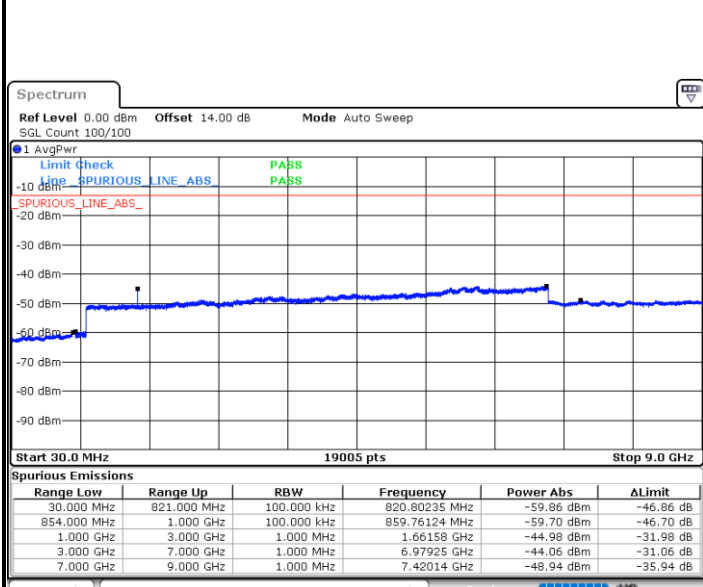
Highest Channel / 16QAM



Date: 19.APR.2022 12:10:02

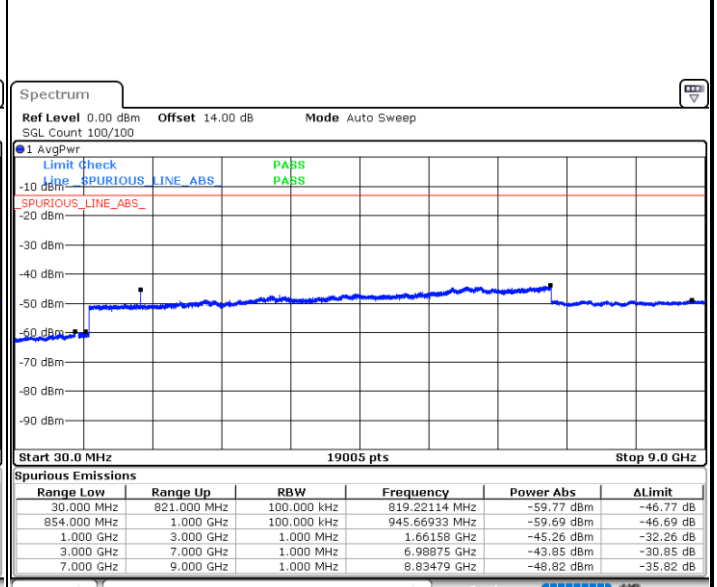
LTE Band 19 / 10MHz

Lowest Channel / QPSK



Date: 19.APR.2022 15:13:08

Lowest Channel / 16QAM

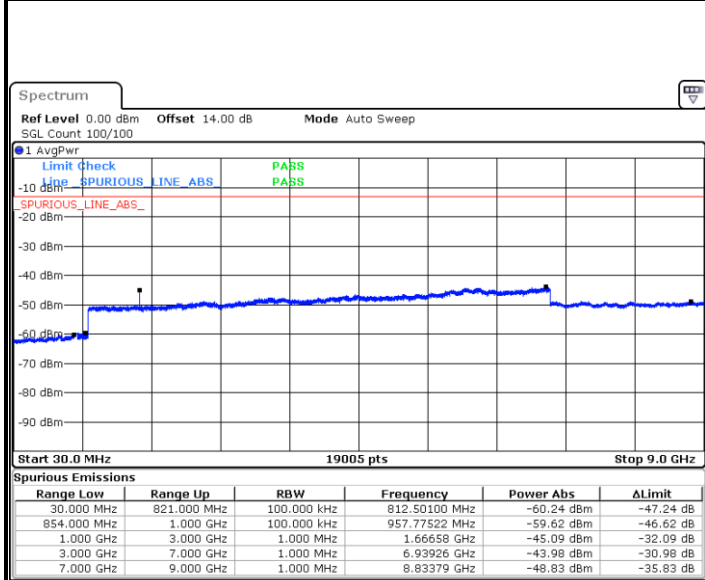


Date: 19.APR.2022 15:11:38



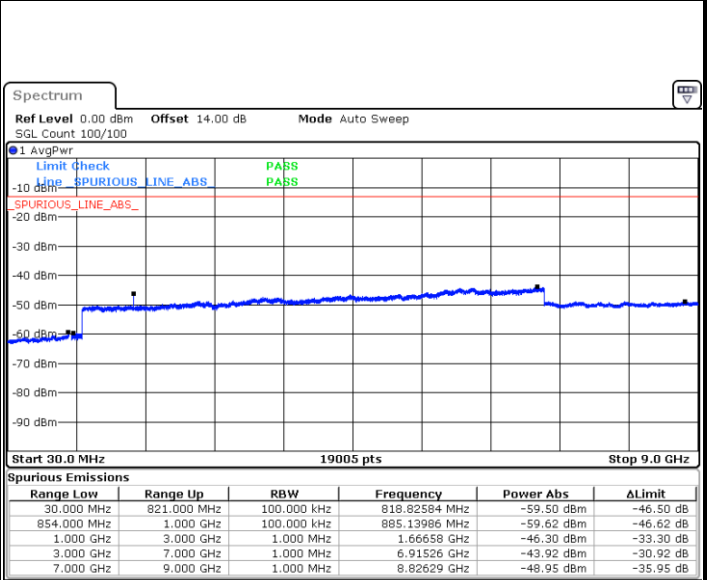
LTE Band 19 / 10MHz

Middle Channel / QPSK



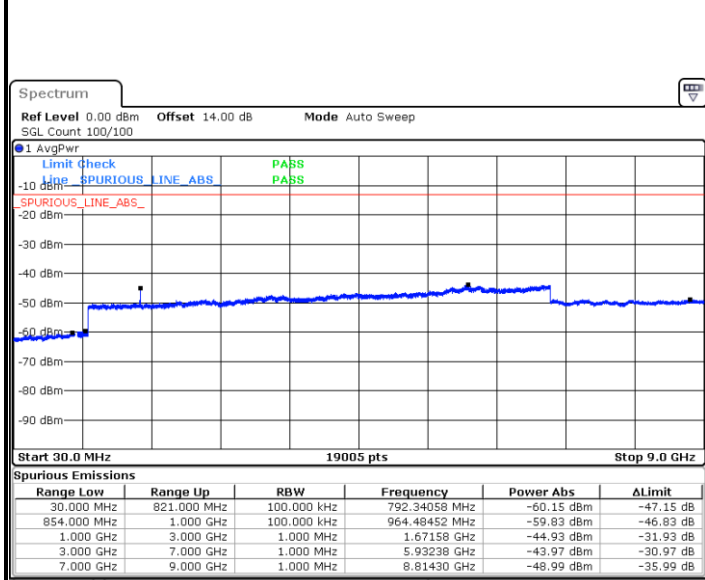
Date: 19.APR.2022 15:13:52

Middle Channel / 16QAM



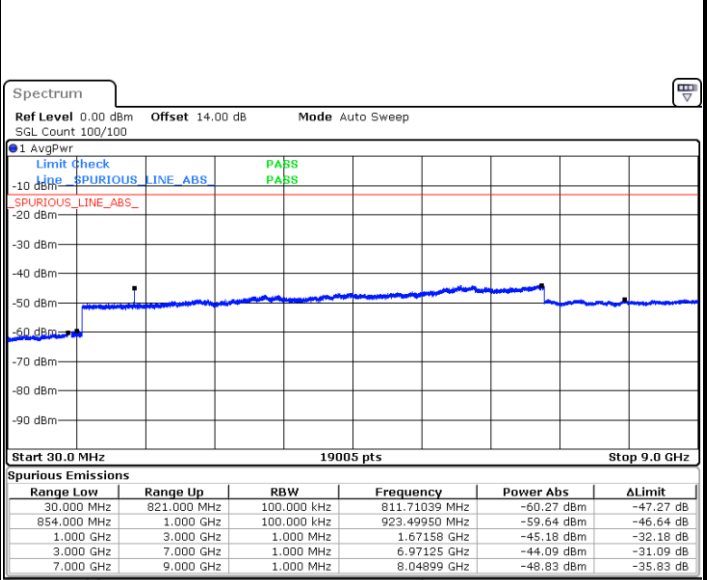
Date: 19.APR.2022 15:14:26

Highest Channel / QPSK

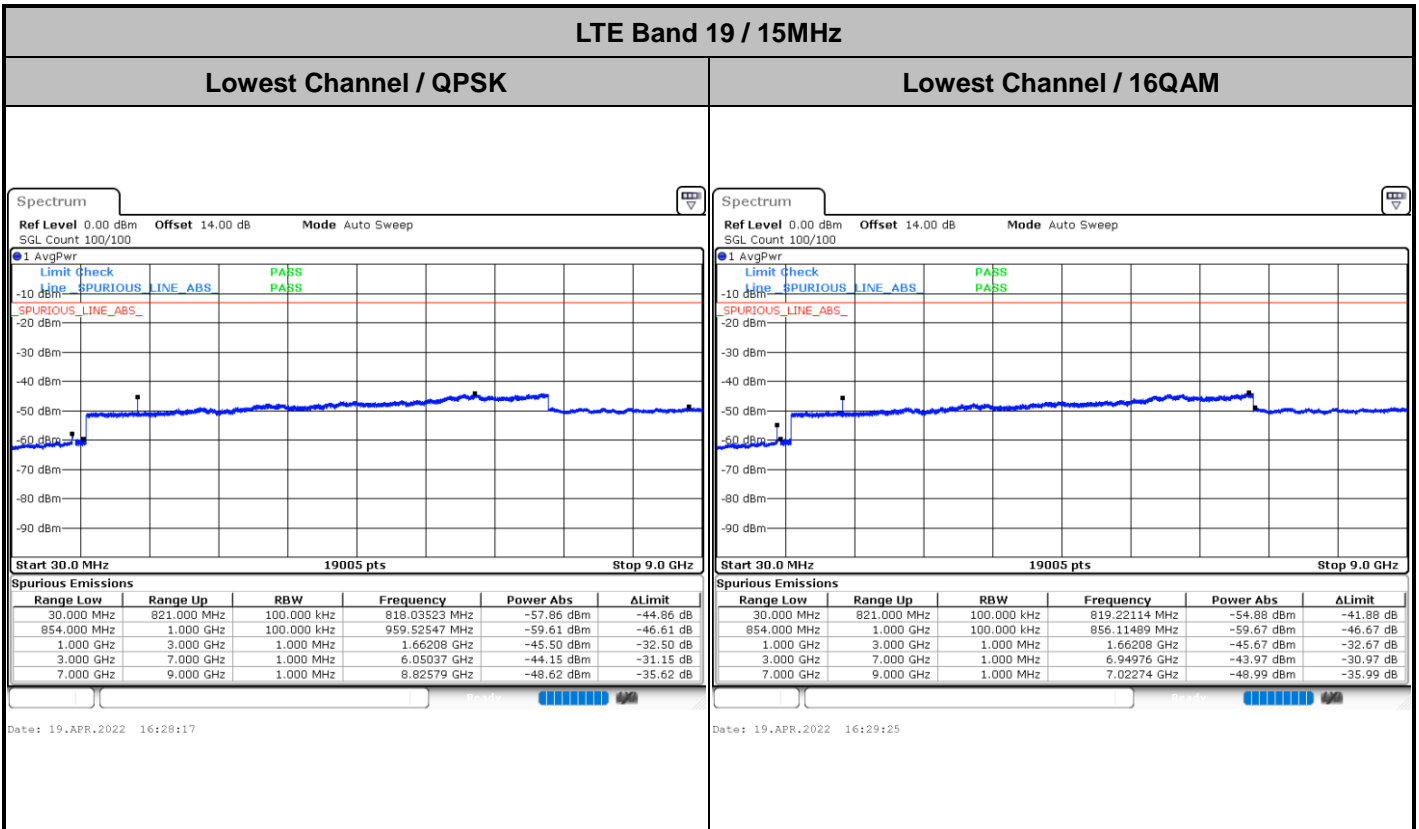


Date: 19.APR.2022 16:17:01

Highest Channel / 16QAM



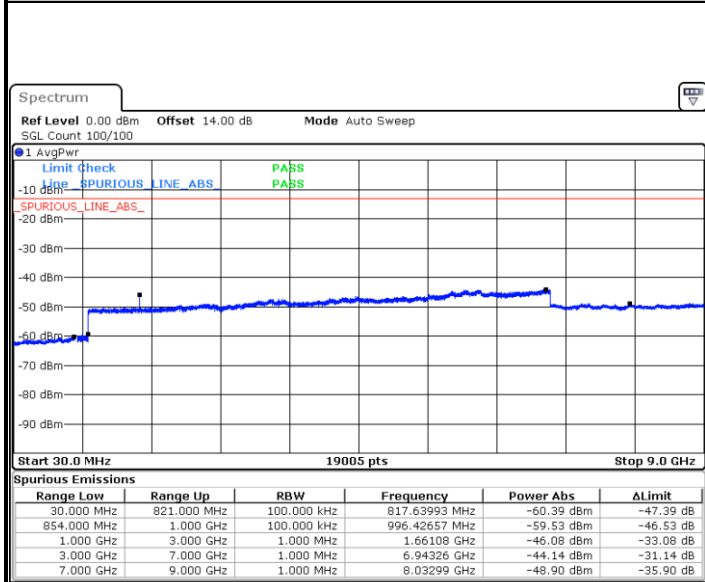
Date: 19.APR.2022 16:16:26





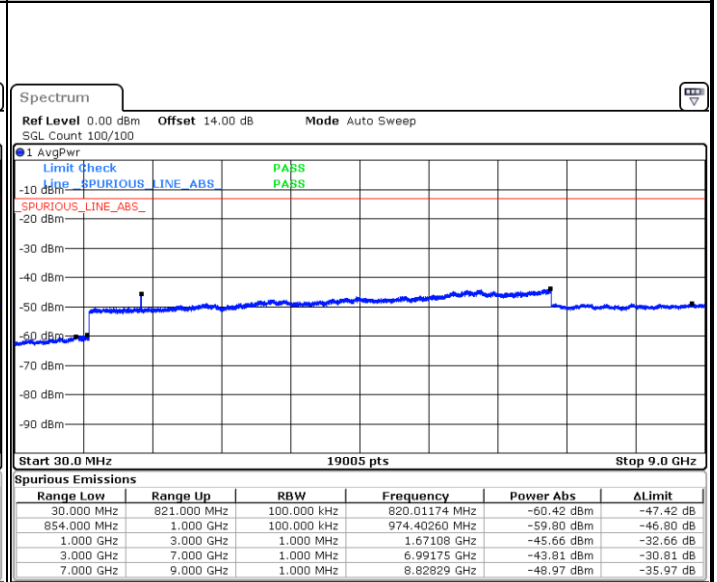
LTE Band 19 / 5MHz

Lowest Channel / 64QAM



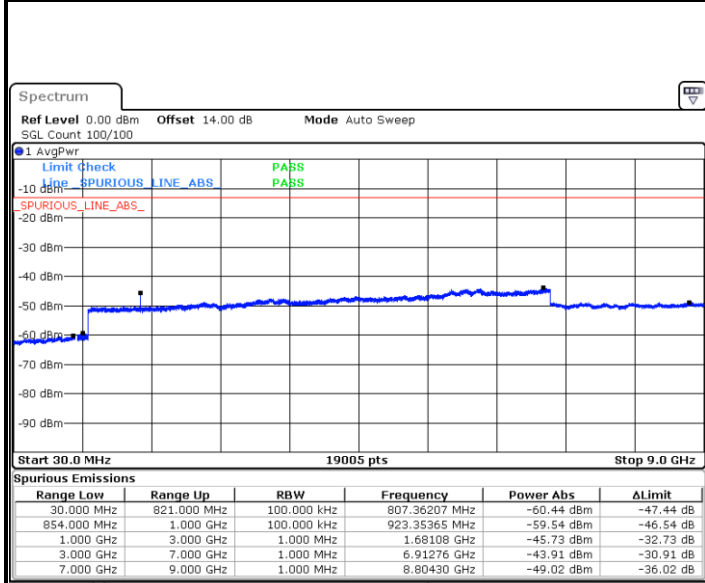
Date: 19.APR.2022 11:54:03

Middle Channel / 64QAM



Date: 19.APR.2022 12:07:34

Highest Channel / 64QAM



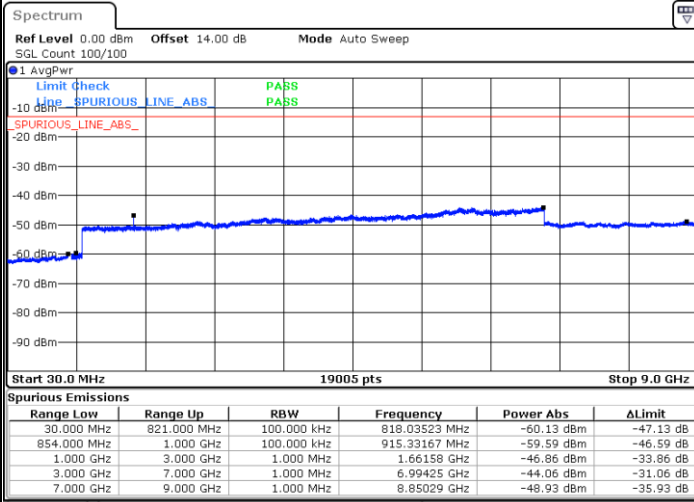
Date: 19.APR.2022 12:09:21



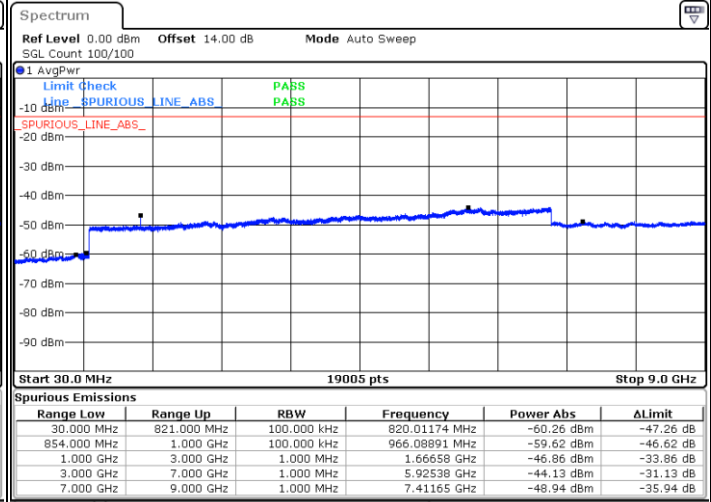
LTE Band 19 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

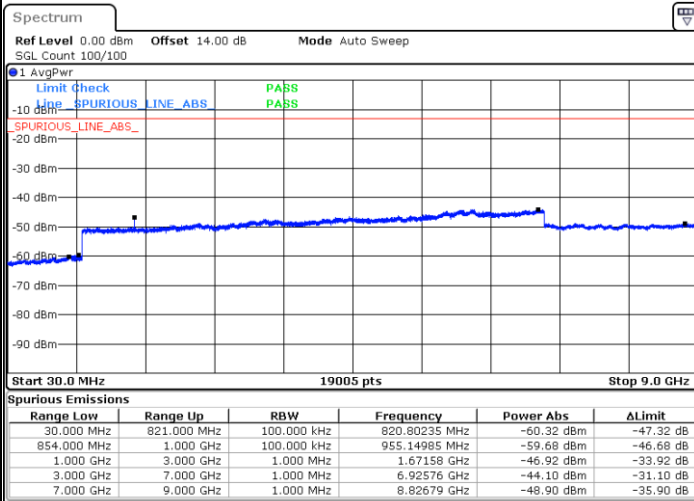


Date: 19.APR.2022 15:10:22



Date: 19.APR.2022 15:15:06

Highest Channel / 64QAM

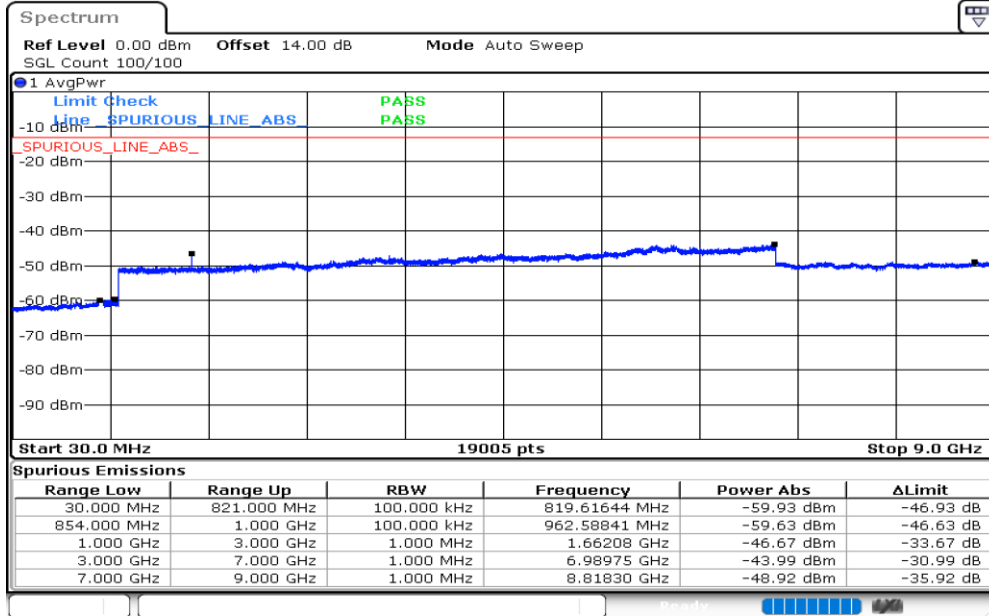


Date: 19.APR.2022 16:15:50



LTE Band 19 / 15MHz

Lowest Channel / 64QAM



Date: 19.APR.2022 16:31:01



Frequency Stability

Test Conditions		LTE Band 19 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note: Normal Voltage =7.78 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.96 V.



LTE Band 26

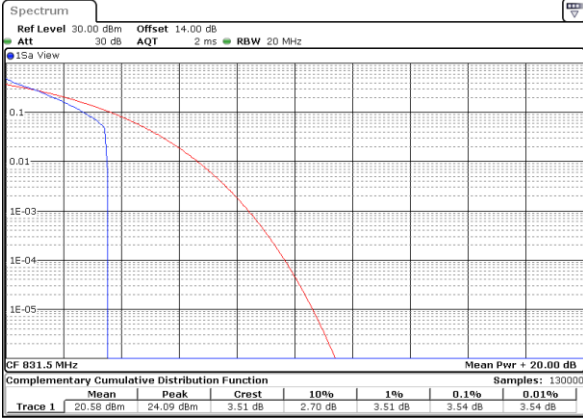
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.54	4.78	4.29	5.74	PASS
Middle CH	3.48	4.78	4.23	5.77	
Highest CH	3.45	4.52	4.32	5.62	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.36	6.41	-	-	PASS
Middle CH	5.25	6.46	-	-	
Highest CH	5.36	6.38	-	-	



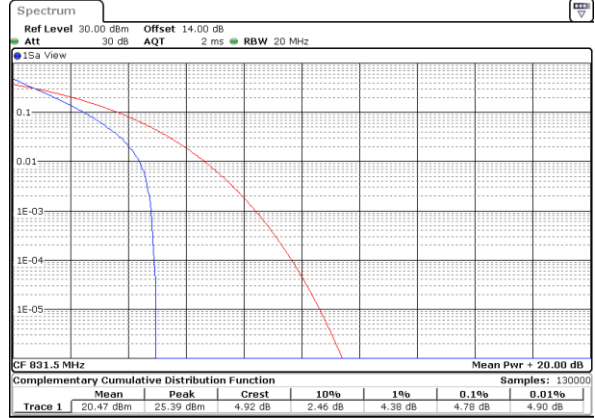
LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



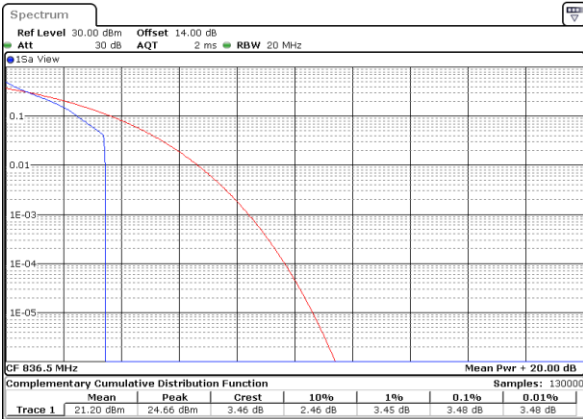
Date: 21.MAR.2022 09:16:25

Lowest Channel / Full RB



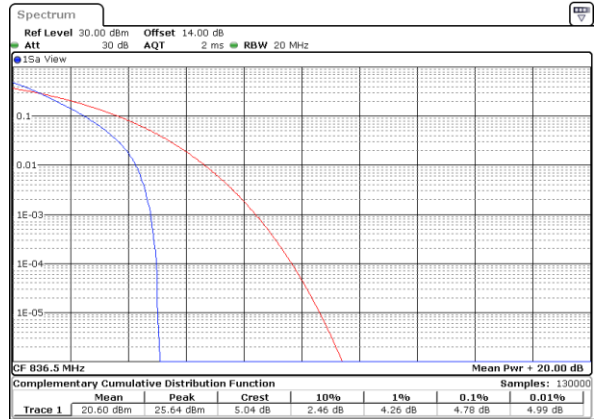
Date: 21.MAR.2022 09:15:17

Middle Channel / 1RB



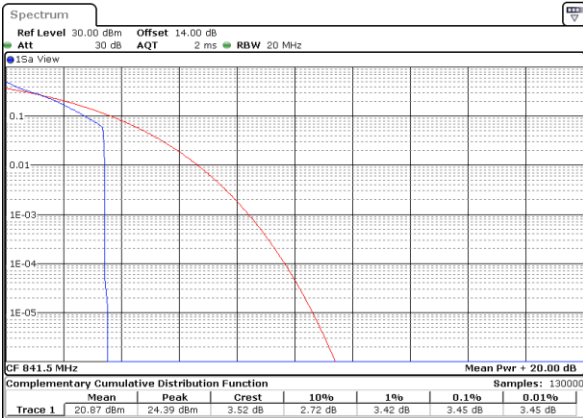
Date: 21.MAR.2022 09:16:48

Middle Channel / Full RB



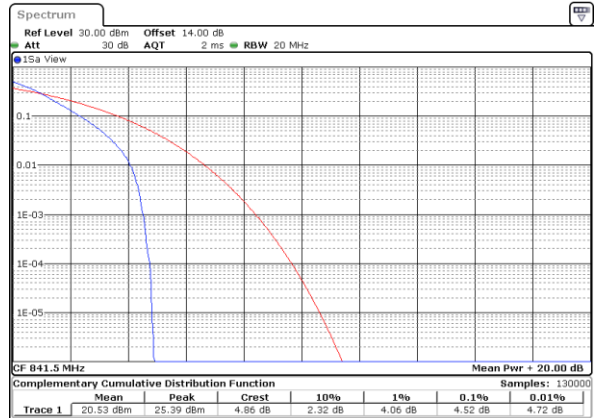
Date: 21.MAR.2022 09:17:58

Highest Channel / 1RB



Date: 21.MAR.2022 09:19:31

Highest Channel / Full RB

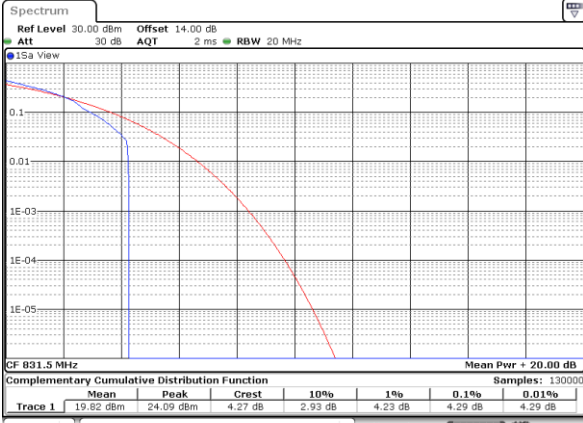


Date: 21.MAR.2022 09:18:21



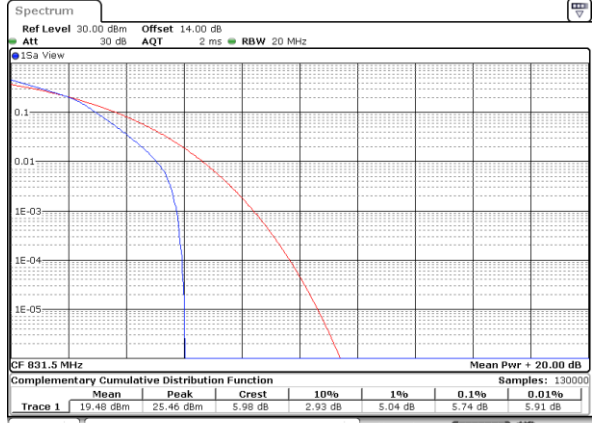
LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



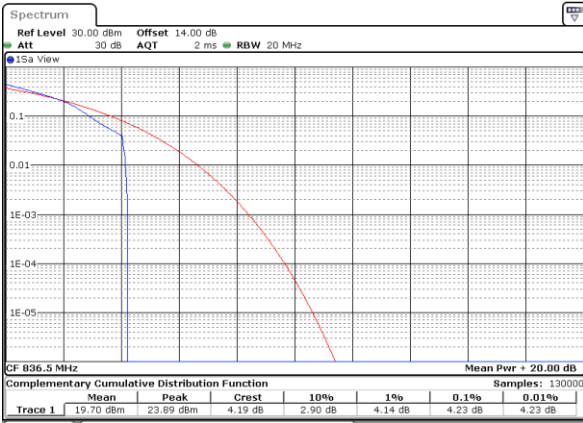
Date: 21.MAR.2022 09:16:02

Lowest Channel / Full RB



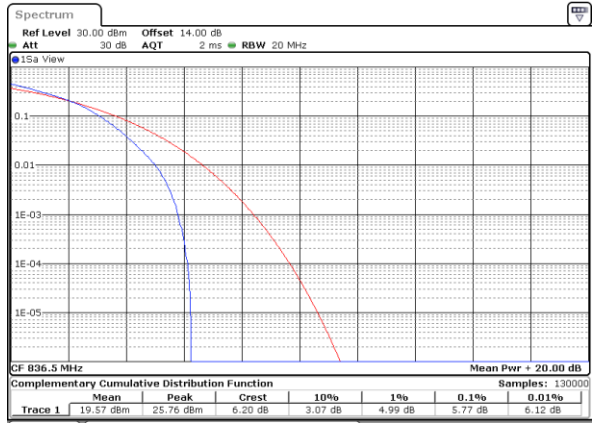
Date: 21.MAR.2022 09:15:40

Middle Channel / 1RB



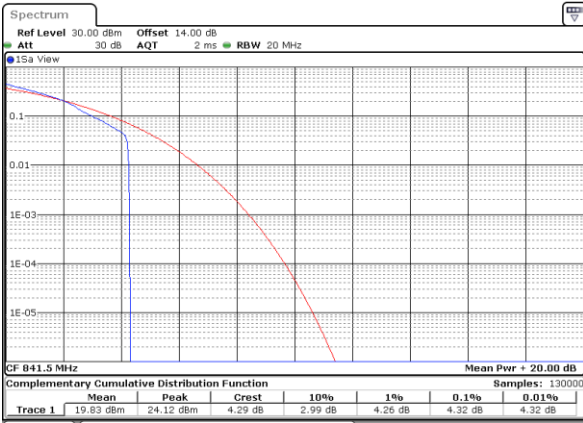
Date: 21.MAR.2022 09:17:11

Middle Channel / Full RB



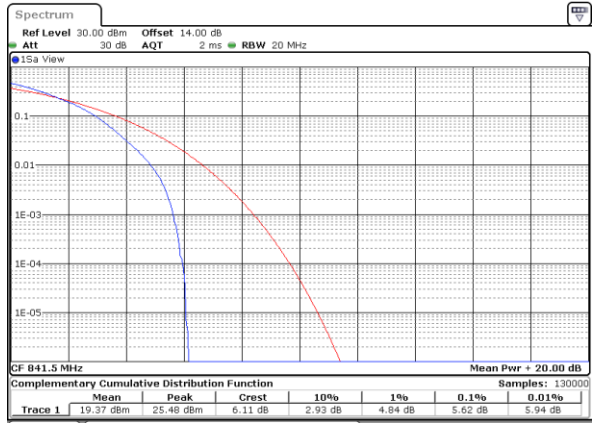
Date: 21.MAR.2022 09:17:35

Highest Channel / 1RB



Date: 21.MAR.2022 09:19:08

Highest Channel / Full RB

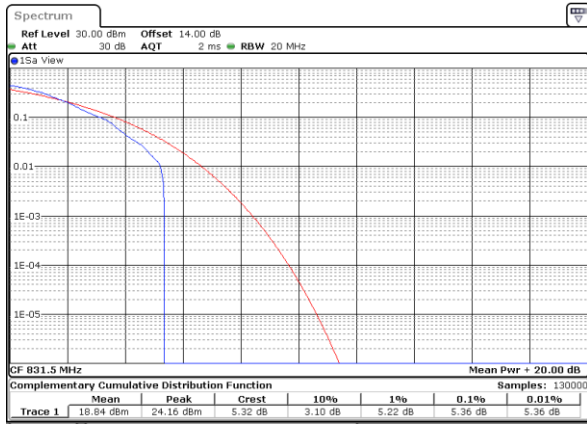


Date: 21.MAR.2022 09:18:44



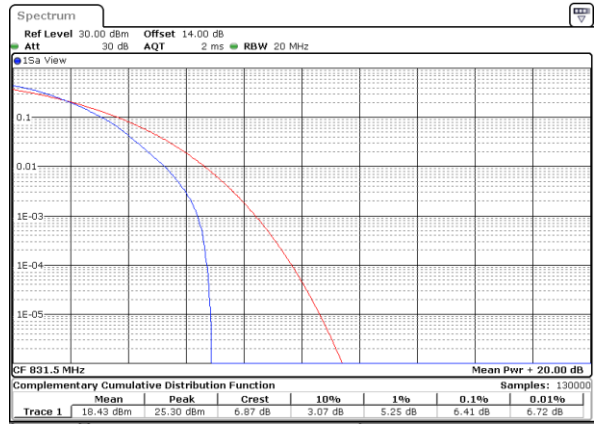
LTE Band 26 / 15MHz / 64QAM

Lowest Channel / 1RB



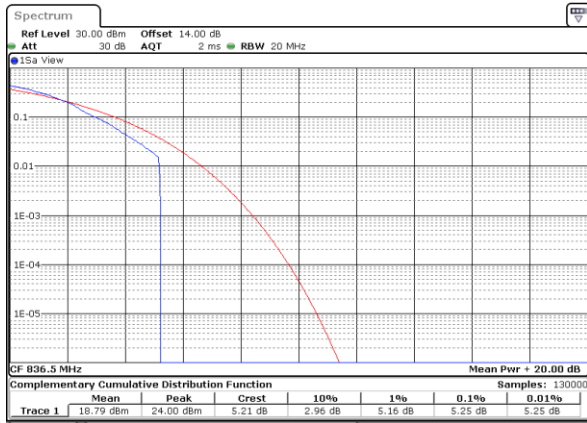
Date: 21.MAR.2022 09:20:17

Lowest Channel / Full RB



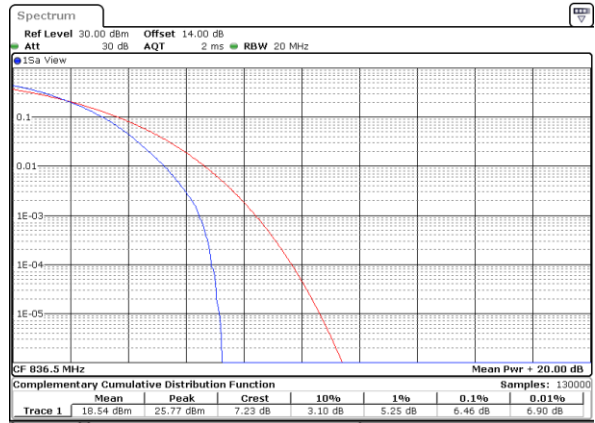
Date: 21.MAR.2022 09:19:54

Middle Channel / 1RB



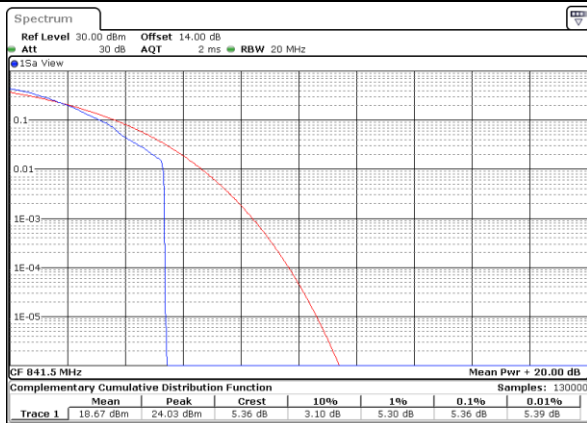
Date: 21.MAR.2022 09:20:40

Middle Channel / Full RB



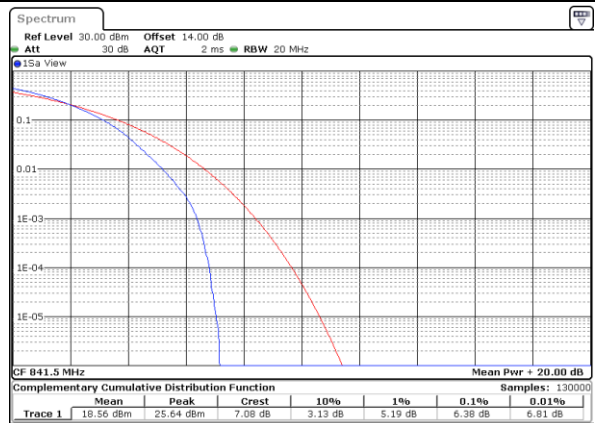
Date: 21.MAR.2022 09:21:03

Highest Channel / 1RB



Date: 21.MAR.2022 09:21:50

Highest Channel / Full RB



Date: 21.MAR.2022 09:21:26



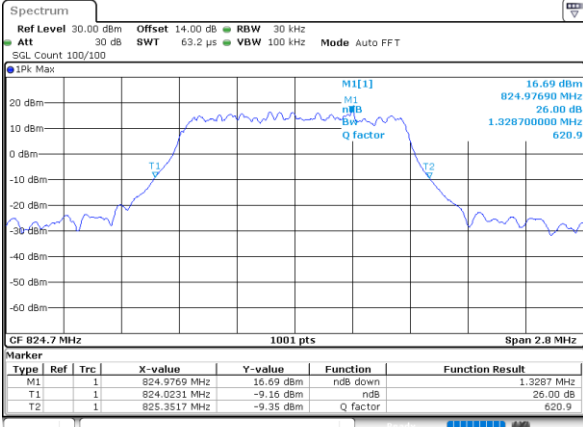
26dB Bandwidth

Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.33	1.32	3.02	3.06	5.07	4.99	9.97	9.87	14.60	14.12	-	-
Middle CH	1.36	1.34	3.01	3.03	4.99	5.03	9.73	9.83	14.72	14.66	-	-
Highest CH	1.32	1.21	3.07	3.06	4.98	5.08	9.93	9.99	14.33	14.54	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.31	-	3.11	-	5.05	-	10.03	-	14.30	-	-	-
Middle CH	1.30	-	3.08	-	5.00	-	9.83	-	14.57	-	-	-
Highest CH	1.36	-	3.05	-	4.91	-	9.71	-	14.45	-	-	-



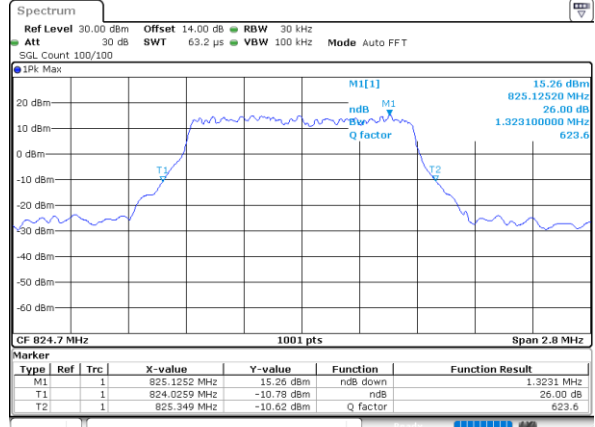
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



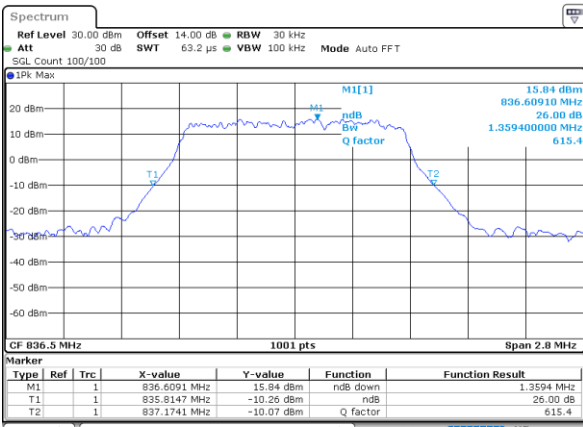
Date: 11.MAR.2022 16:05:54

Lowest Channel / 1.4MHz / 16QAM



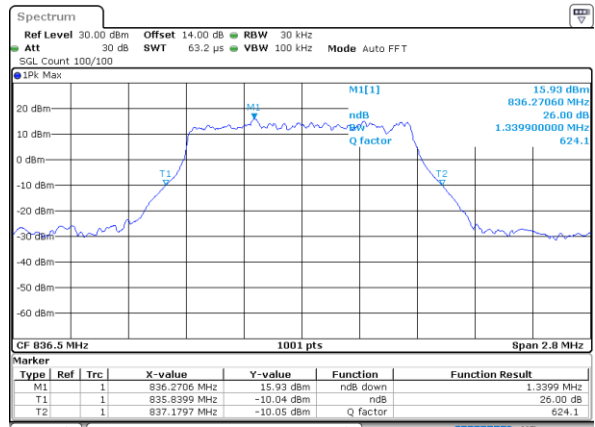
Date: 11.MAR.2022 16:05:32

Middle Channel / 1.4MHz / QPSK



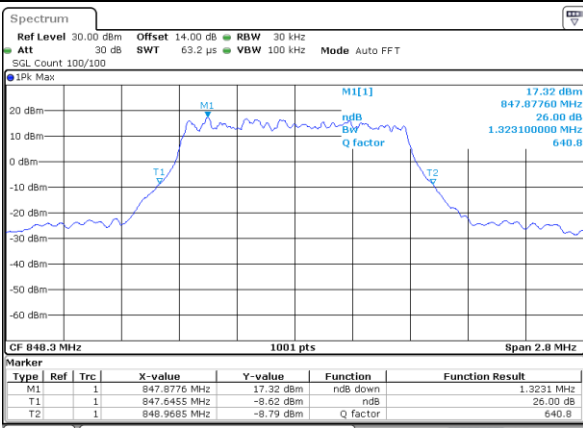
Date: 11.MAR.2022 16:17:53

Middle Channel / 1.4MHz / 16QAM



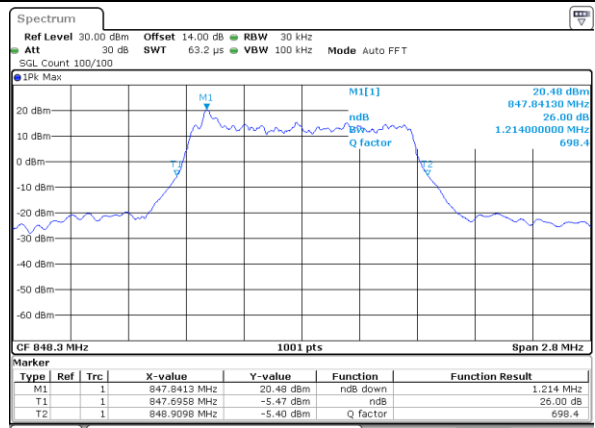
Date: 11.MAR.2022 16:17:32

Highest Channel / 1.4MHz / QPSK



Date: 11.MAR.2022 16:21:05

Highest Channel / 1.4MHz / 16QAM

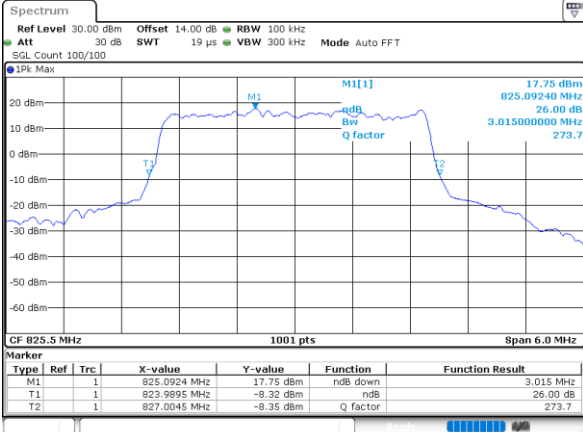


Date: 11.MAR.2022 16:20:43



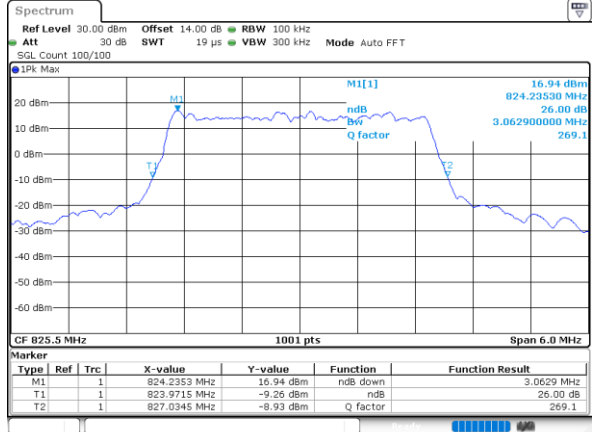
LTE Band 26

Lowest Channel / 3MHz / QPSK



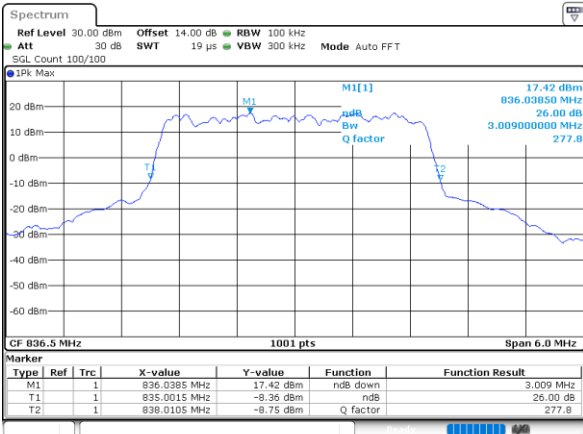
Date: 11.MAR.2022 17:18:13

Lowest Channel / 3MHz / 16QAM



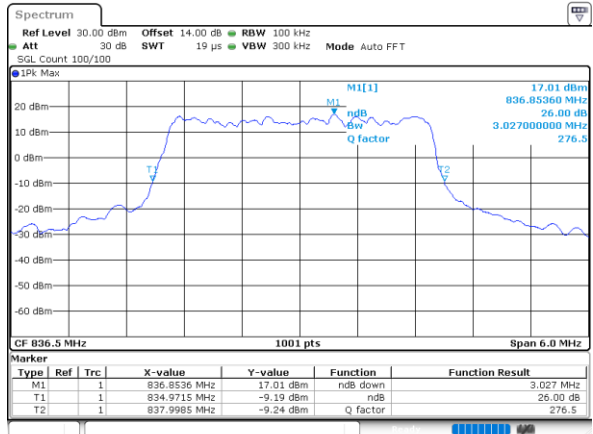
Date: 11.MAR.2022 17:17:51

Middle Channel / 3MHz / QPSK



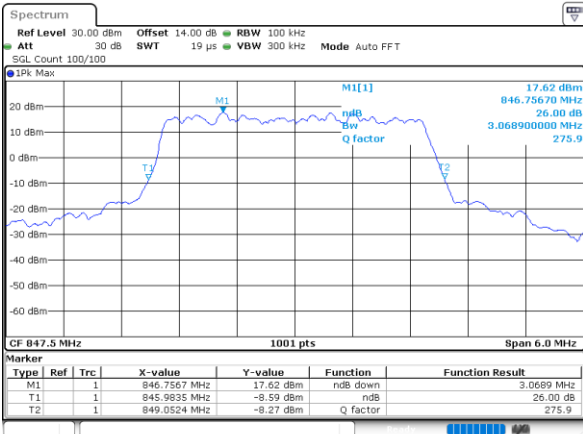
Date: 11.MAR.2022 17:25:44

Middle Channel / 3MHz / 16QAM



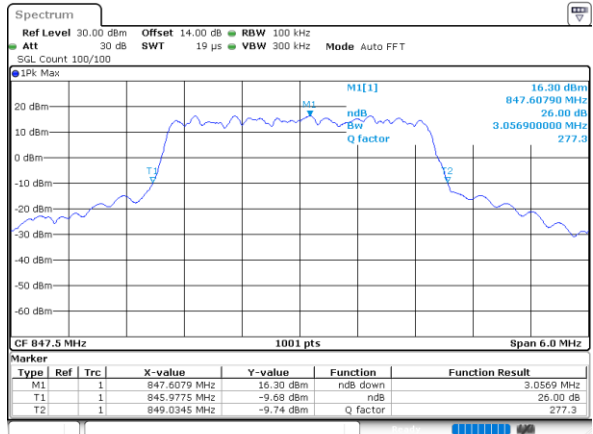
Date: 11.MAR.2022 17:25:17

Highest Channel / 3MHz / QPSK



Date: 11.MAR.2022 17:28:53

Highest Channel / 3MHz / 16QAM

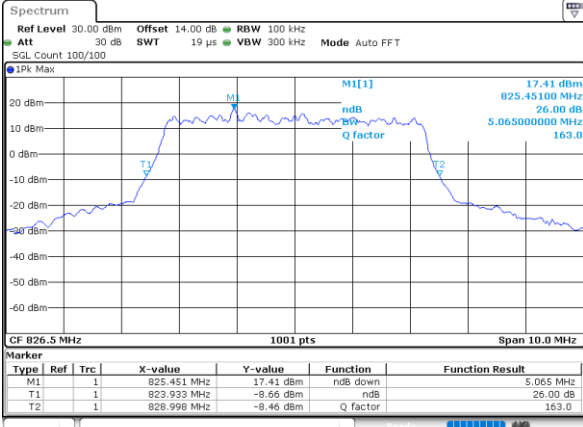


Date: 11.MAR.2022 17:28:31



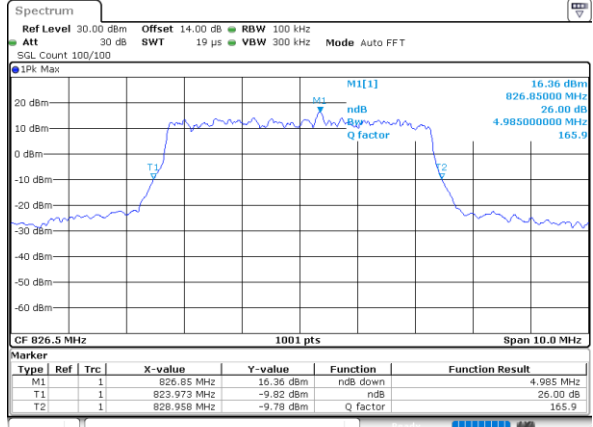
LTE Band 26

Lowest Channel / 5MHz / QPSK



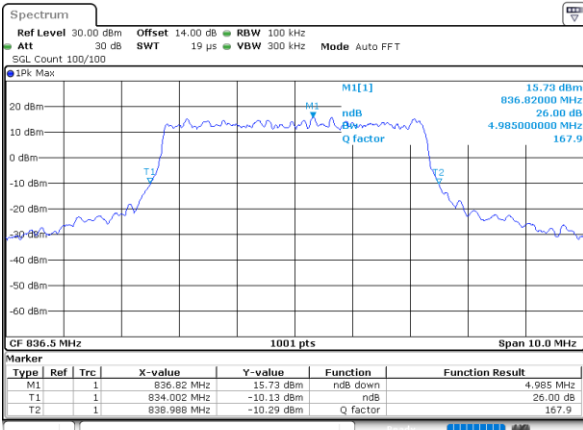
Date: 11.MAR.2022 17:36:52

Lowest Channel / 5MHz / 16QAM



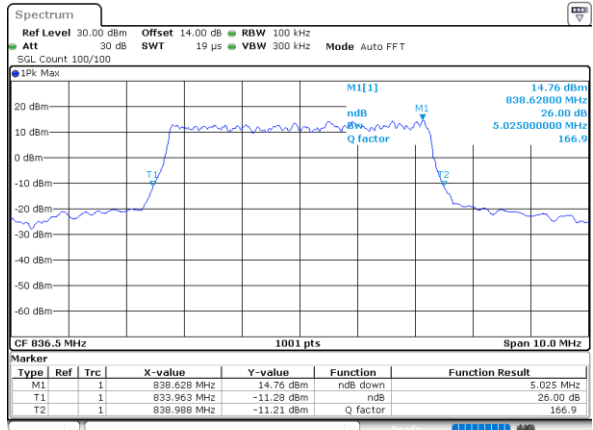
Date: 11.MAR.2022 17:36:25

Middle Channel / 5MHz / QPSK



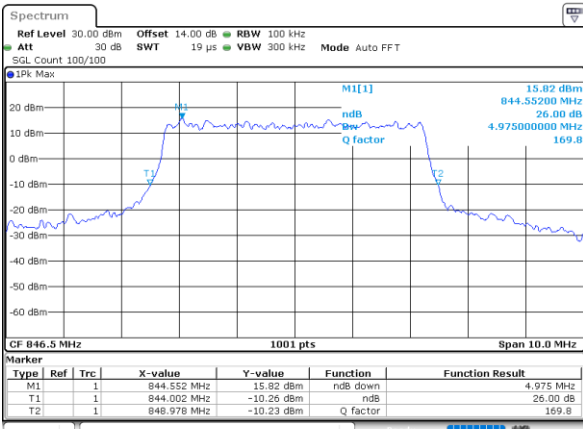
Date: 11.MAR.2022 17:44:23

Middle Channel / 5MHz / 16QAM



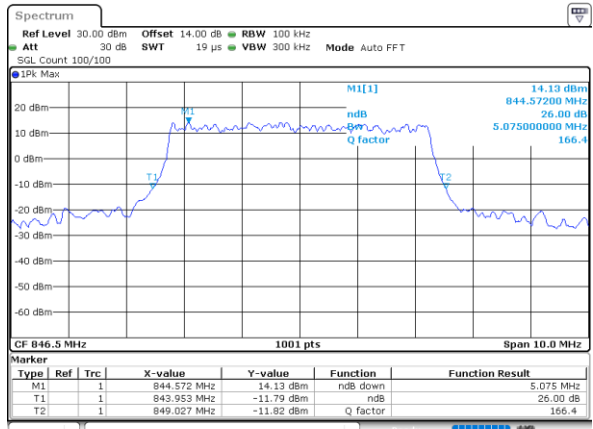
Date: 11.MAR.2022 17:43:56

Highest Channel / 5MHz / QPSK



Date: 11.MAR.2022 17:47:33

Highest Channel / 5MHz / 16QAM

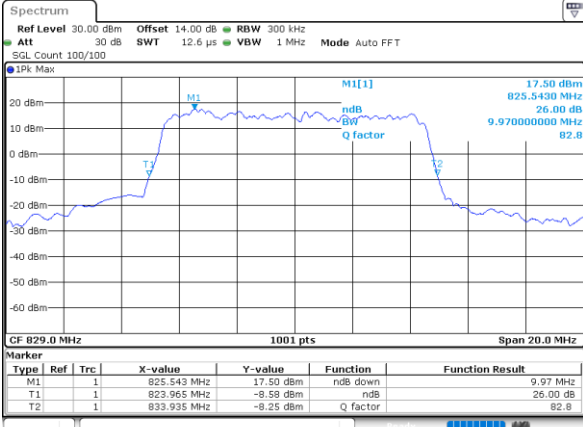


Date: 11.MAR.2022 17:47:11



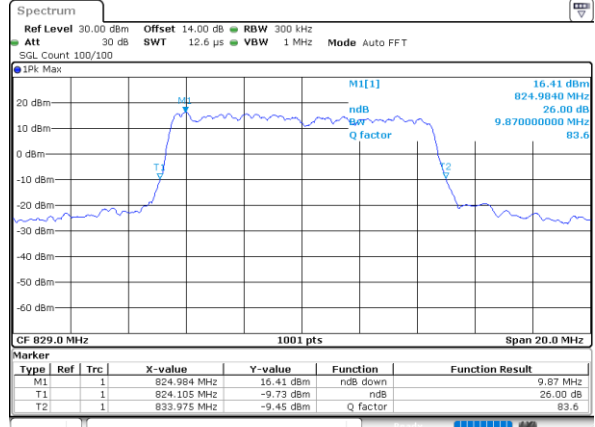
LTE Band 26

Lowest Channel / 10MHz / QPSK



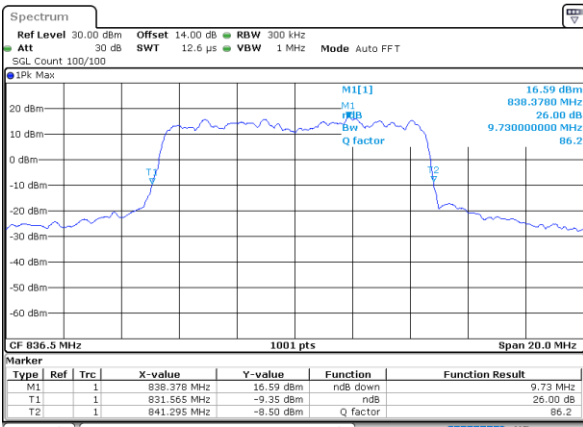
Date: 11.MAR.2022 17:55:09

Lowest Channel / 10MHz / 16QAM



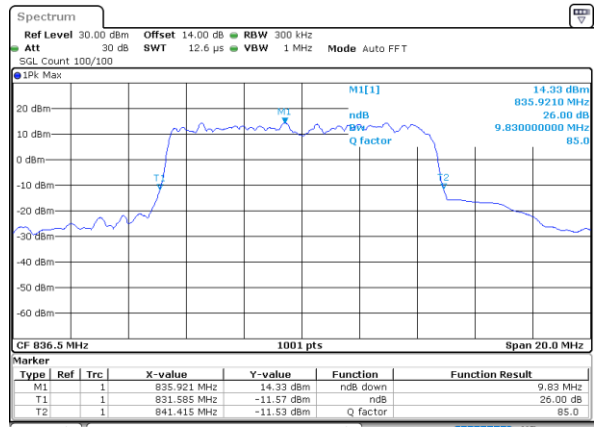
Date: 11.MAR.2022 17:54:42

Middle Channel / 10MHz / QPSK



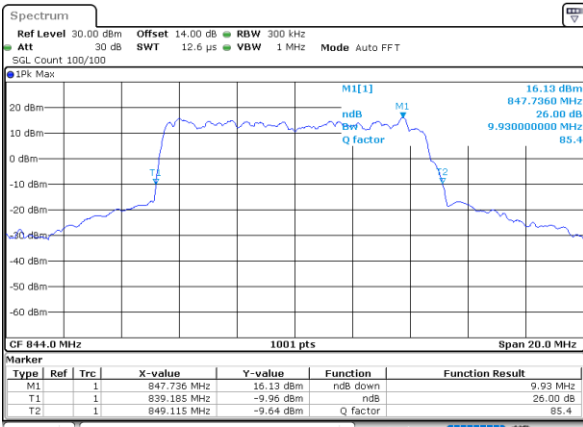
Date: 21.MAR.2022 09:25:45

Middle Channel / 10MHz / 16QAM



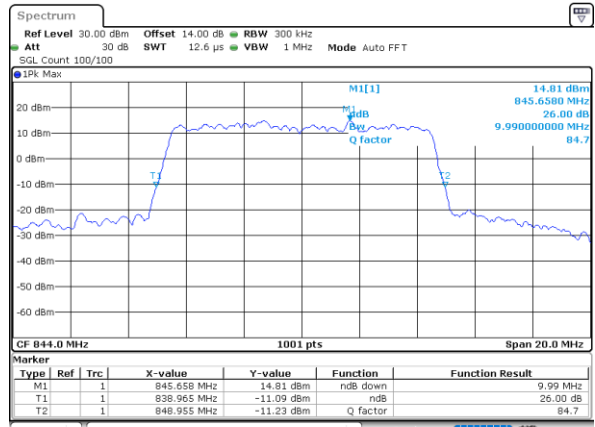
Date: 21.MAR.2022 09:25:13

Highest Channel / 10MHz / QPSK



Date: 21.MAR.2022 08:52:19

Highest Channel / 10MHz / 16QAM

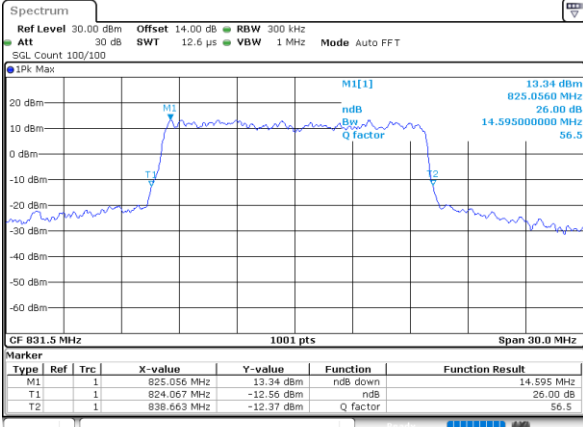


Date: 21.MAR.2022 08:51:57



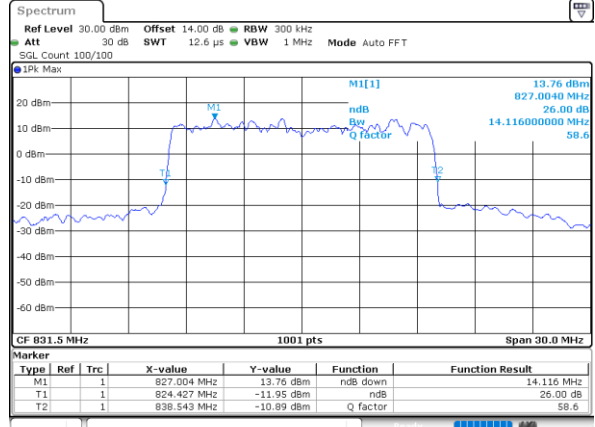
LTE Band 26

Lowest Channel / 15MHz / QPSK



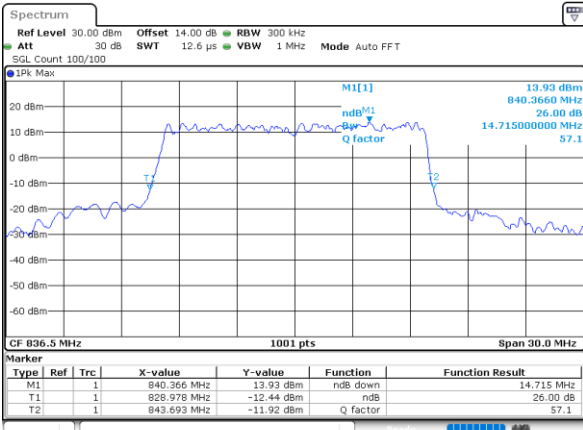
Date: 21.MAR.2022 09:59:17

Lowest Channel / 15MHz / 16QAM



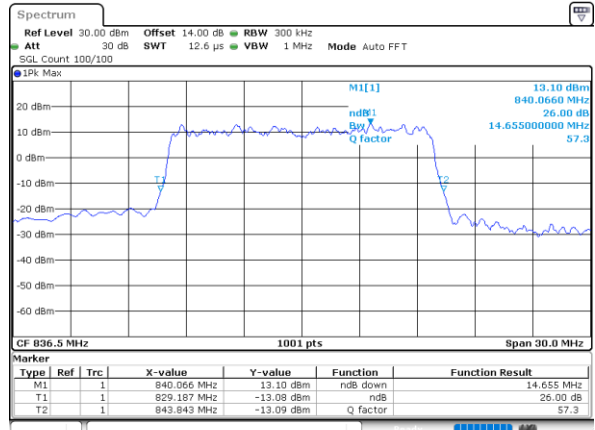
Date: 21.MAR.2022 09:58:56

Middle Channel / 15MHz / QPSK



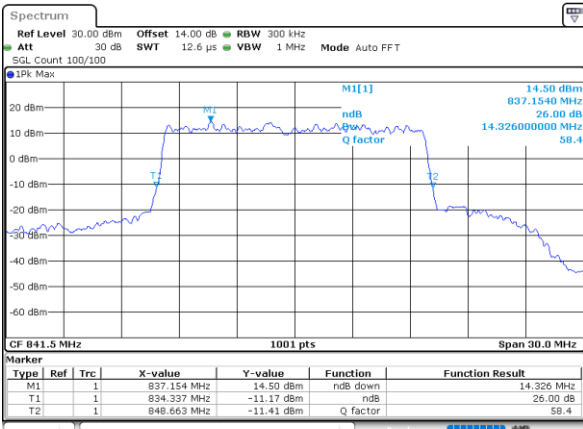
Date: 21.MAR.2022 09:06:18

Middle Channel / 15MHz / 16QAM



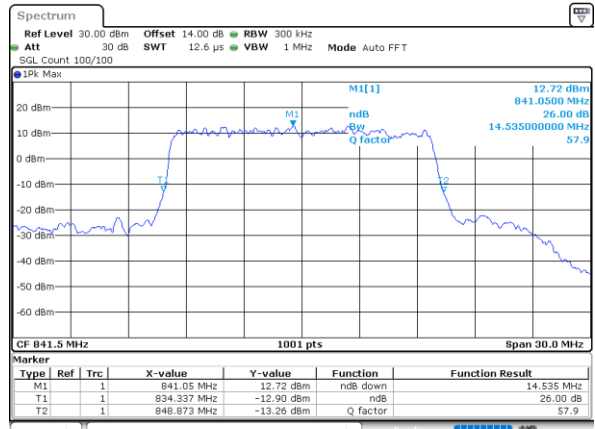
Date: 21.MAR.2022 09:05:56

Highest Channel / 15MHz / QPSK



Date: 21.MAR.2022 09:09:18

Highest Channel / 15MHz / 16QAM

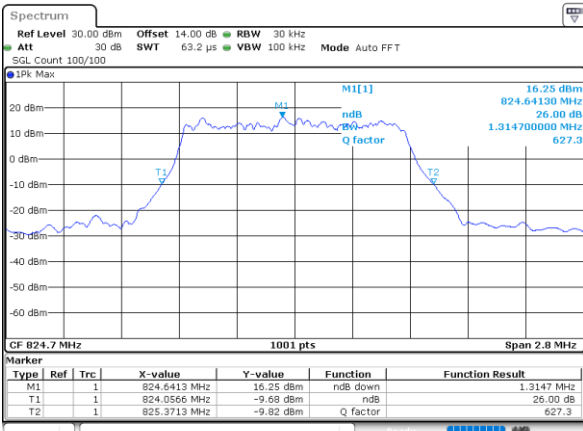


Date: 21.MAR.2022 09:08:56



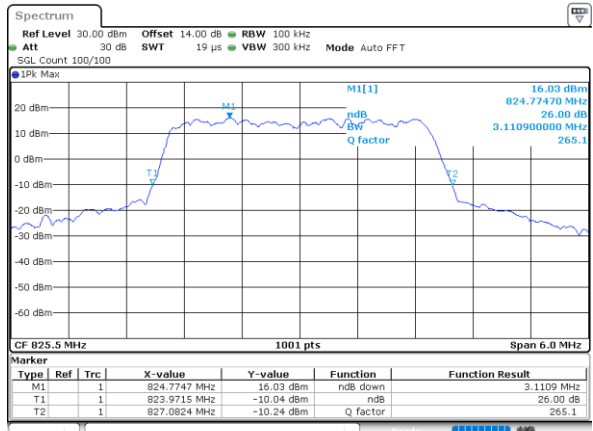
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



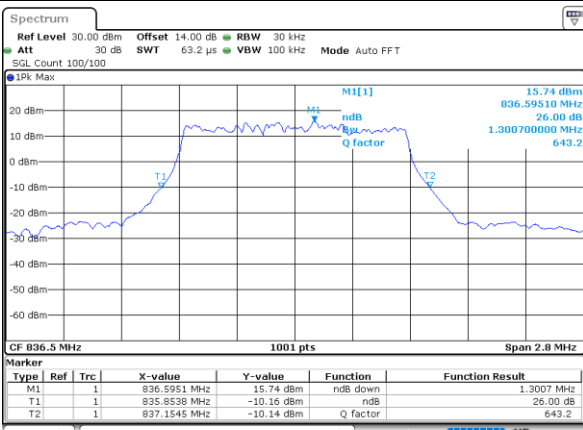
Date: 11.MAR.2022 16:29:44

Lowest Channel / 3MHz / 64QAM



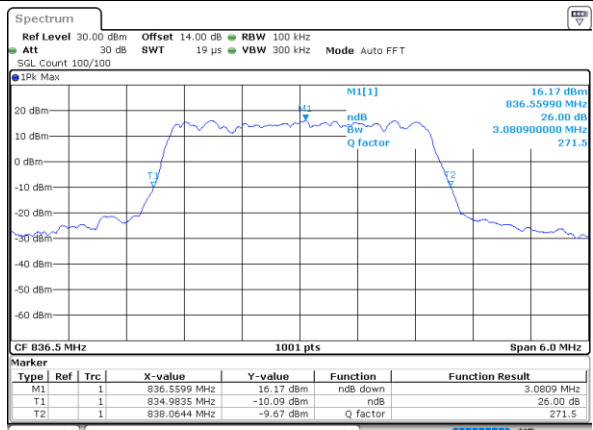
Date: 11.MAR.2022 16:40:29

Middle Channel / 1.4MHz / 64QAM



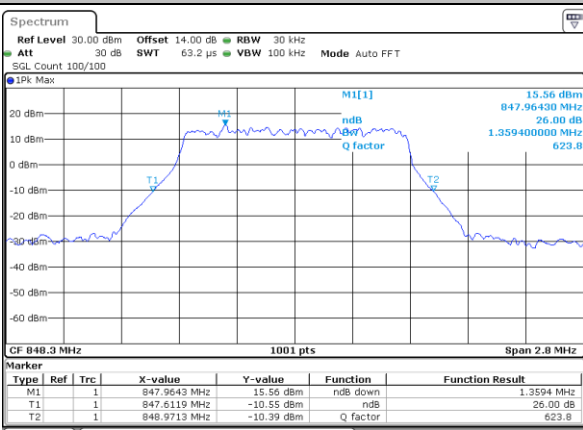
Date: 11.MAR.2022 16:34:16

Middle Channel / 3MHz / 64QAM



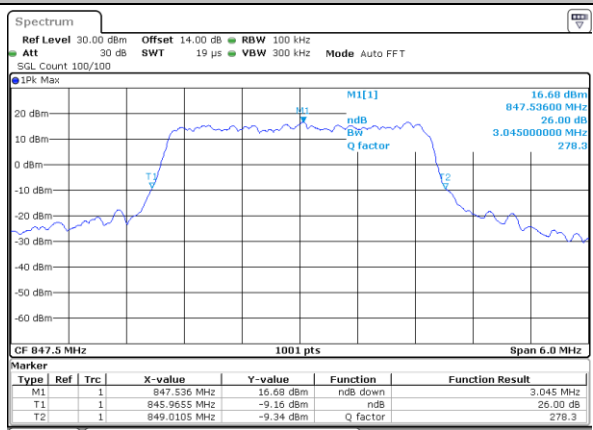
Date: 11.MAR.2022 16:45:01

Highest Channel / 1.4MHz / 64QAM



Date: 11.MAR.2022 16:35:48

Highest Channel / 3MHz / 64QAM

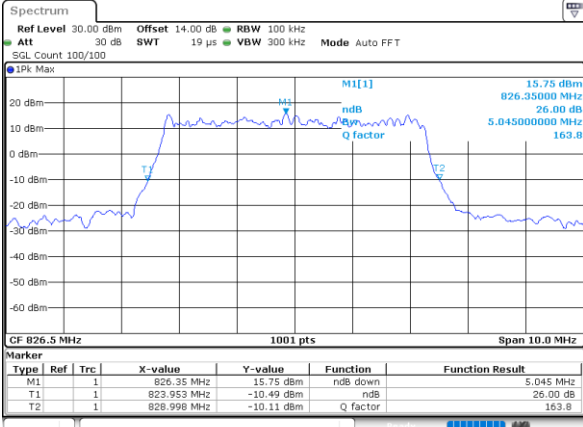


Date: 11.MAR.2022 16:46:31



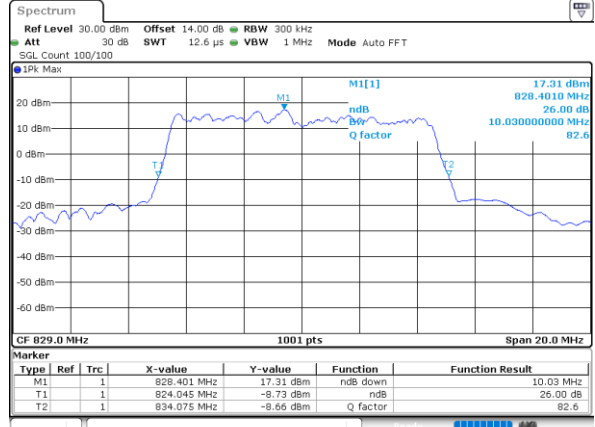
LTE Band 26

Lowest Channel / 5MHz / 64QAM



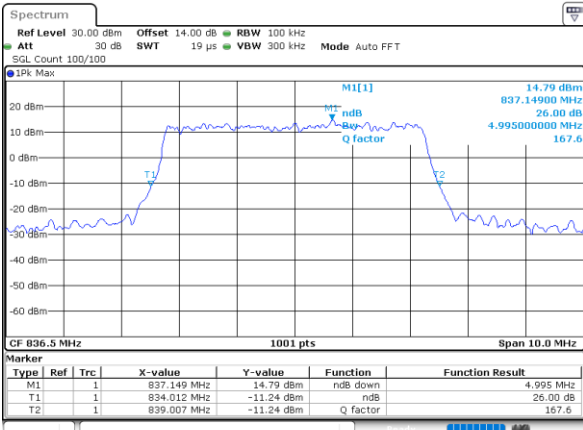
Date: 11.MAR.2022 16:50:24

Lowest Channel / 10MHz / 64QAM



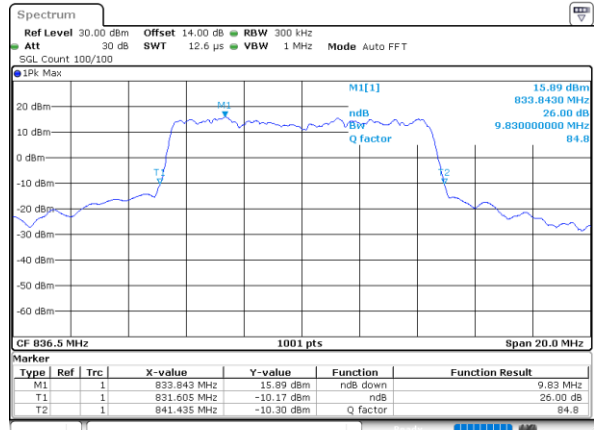
Date: 11.MAR.2022 16:59:38

Middle Channel / 5MHz / 64QAM



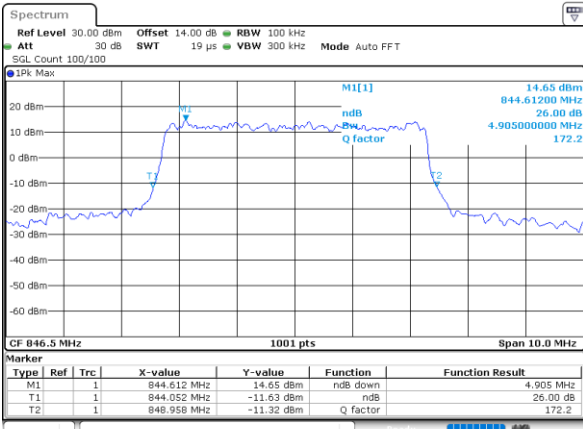
Date: 11.MAR.2022 16:54:15

Middle Channel / 10MHz / 64QAM



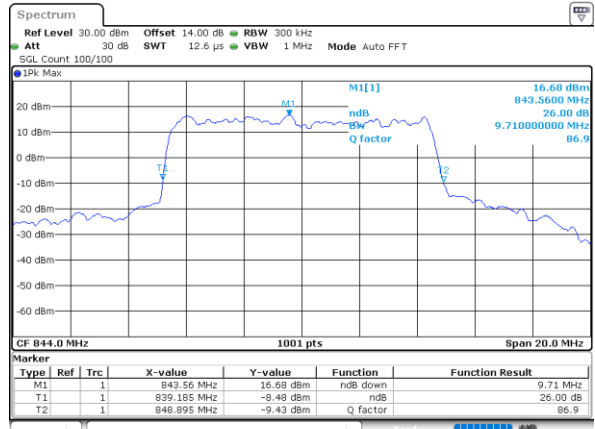
Date: 11.MAR.2022 17:00:29

Highest Channel / 5MHz / 64QAM



Date: 11.MAR.2022 16:55:46

Highest Channel / 10MHz / 64QAM

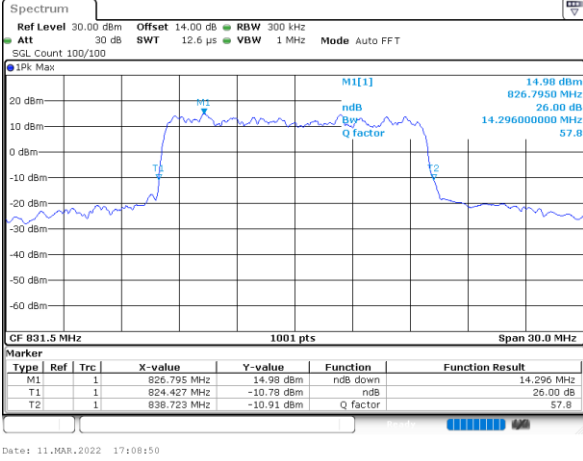


Date: 11.MAR.2022 17:00:59



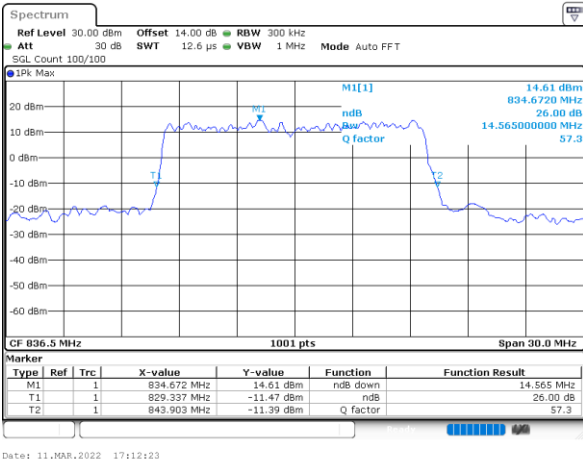
LTE Band 26

Lowest Channel / 15MHz / 64QAM



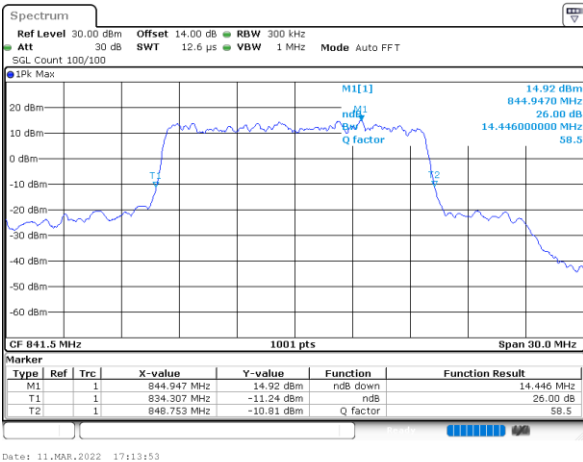
Date: 11_MAR_2022 17:08:50

Middle Channel / 15MHz / 64QAM



Date: 11_MAR_2022 17:12:23

Highest Channel / 15MHz / 64QAM



Date: 11_MAR_2022 17:13:53



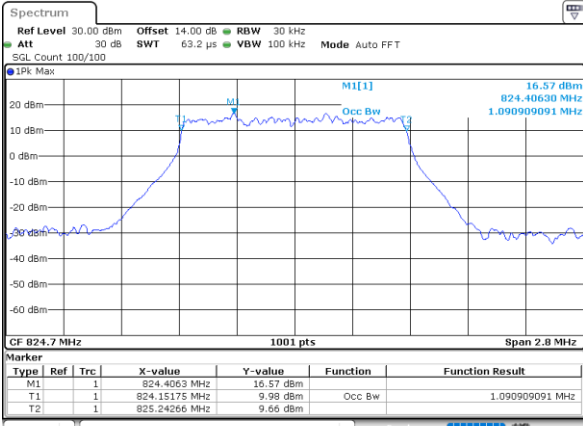
Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.76	2.73	4.49	4.49	9.07	9.05	13.52	13.46	13.49	13.40
Middle CH	1.09	1.10	2.75	2.75	4.52	4.50	9.01	9.11	13.46	13.46	-	-
Highest CH	1.10	1.10	2.72	2.74	4.53	4.50	8.99	8.99	13.46	13.46	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.71	-	4.51	-	9.01	-	13.55	-	13.40	-
Middle CH	1.11	-	2.72	-	4.49	-	9.01	-	13.46	-	-	-
Highest CH	1.09	-	2.73	-	4.52	-	9.13	-	13.46	-	-	-



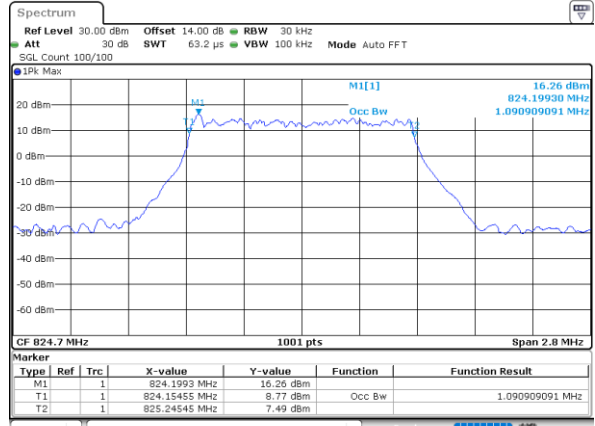
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



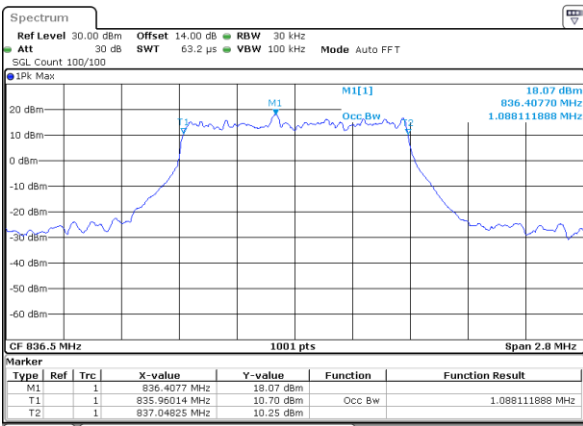
Date: 11.MAR.2022 16:04:48

Lowest Channel / 1.4MHz / 16QAM



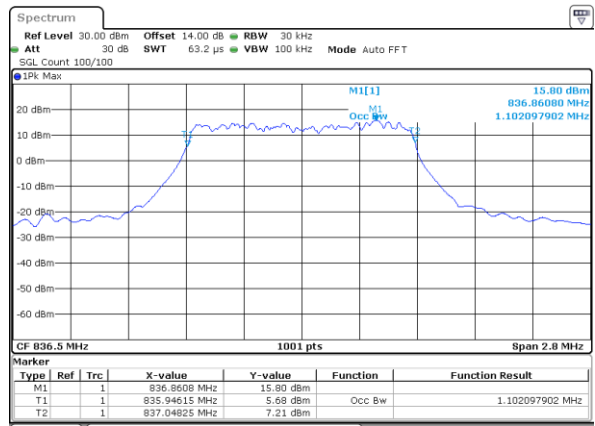
Date: 11.MAR.2022 16:05:10

Middle Channel / 1.4MHz / QPSK



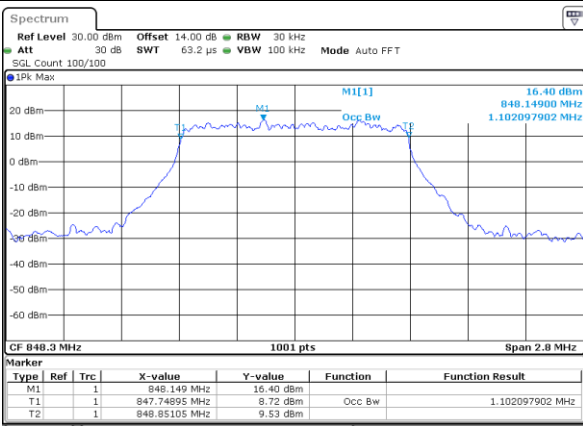
Date: 11.MAR.2022 16:16:47

Middle Channel / 1.4MHz / 16QAM



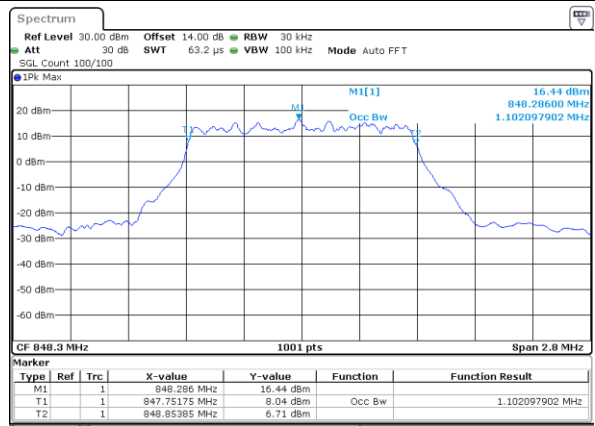
Date: 11.MAR.2022 16:17:10

Highest Channel / 1.4MHz / QPSK



Date: 11.MAR.2022 16:19:55

Highest Channel / 1.4MHz / 16QAM



Date: 11.MAR.2022 16:20:21