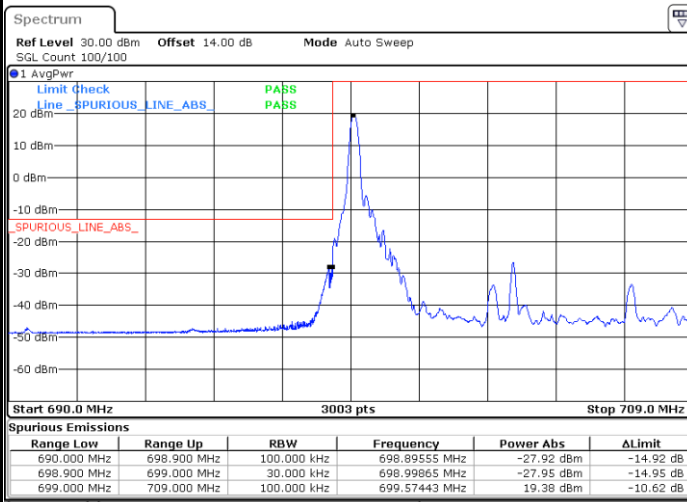




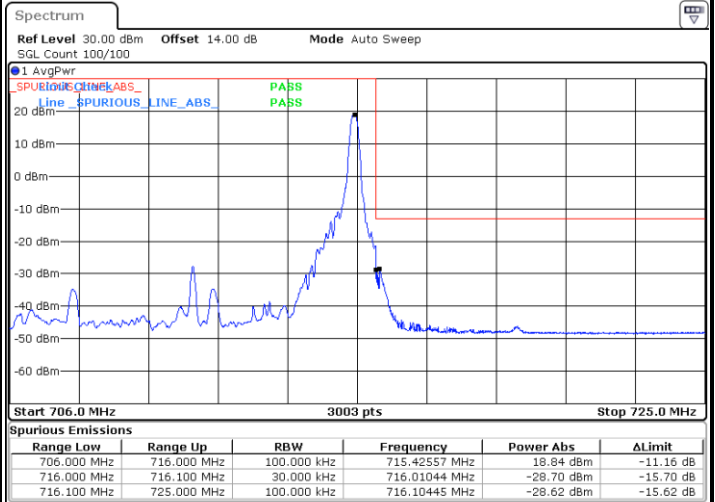
LTE Band 12 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



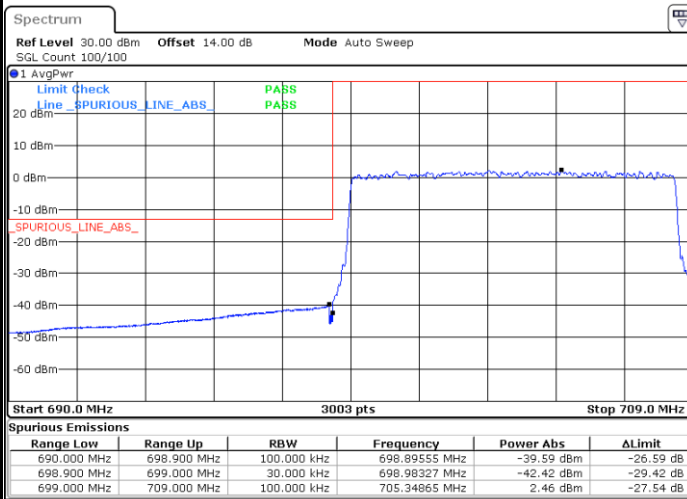
Date: 16 DEC 2021 05:06:35

Highest Band Edge / 1 RB



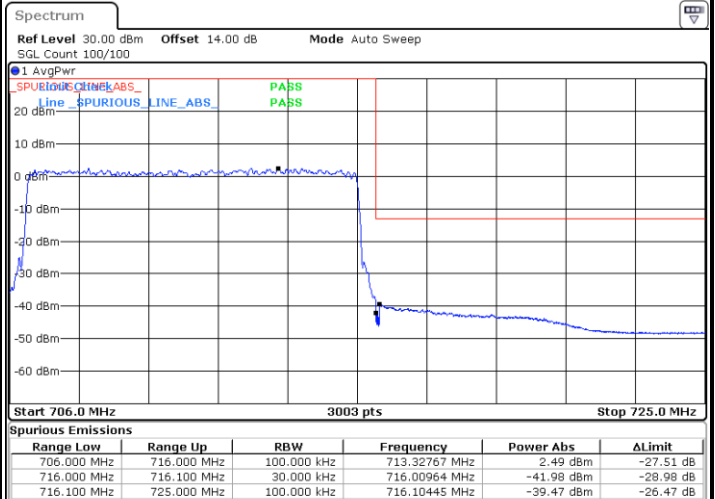
Date: 16 DEC 2021 05:13:38

Lowest Band Edge / Full RB



Date: 16 DEC 2021 05:04:57

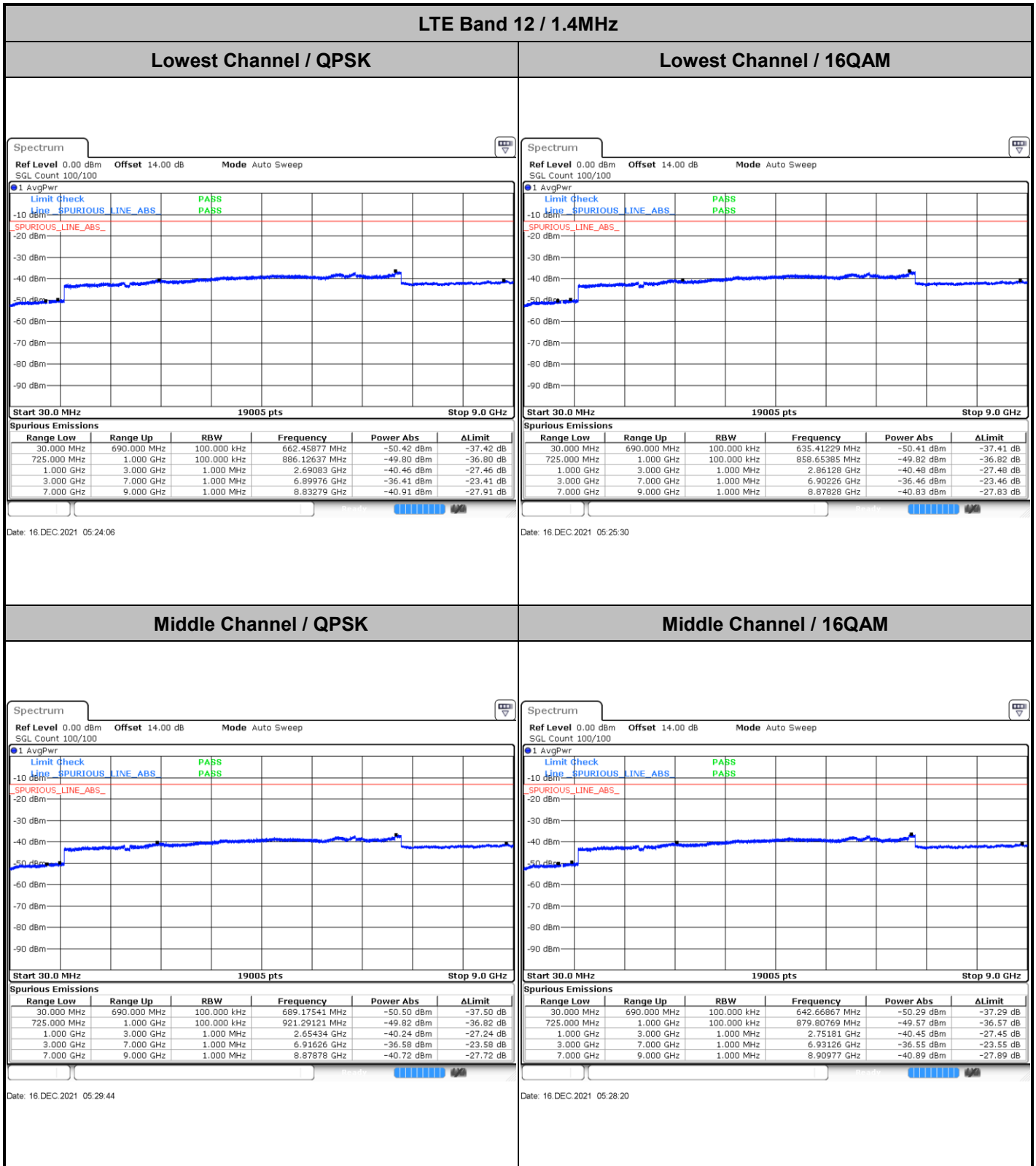
Highest Band Edge / Full RB



Date: 16 DEC 2021 05:11:59



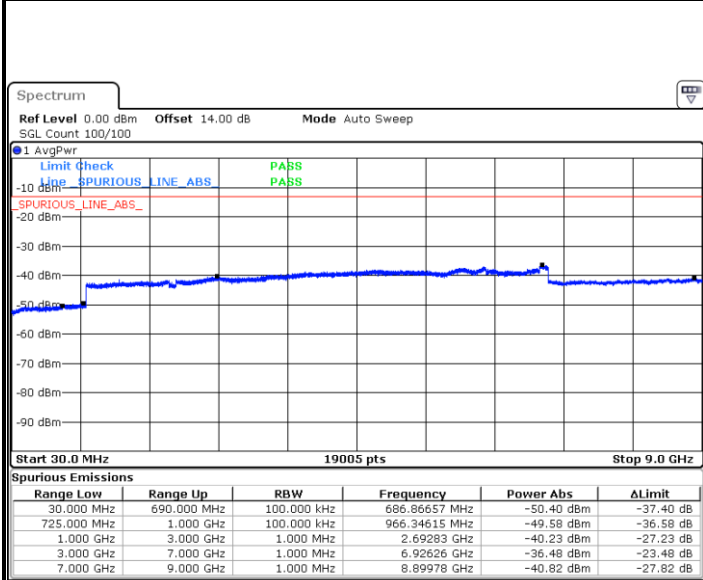
# Conducted Spurious Emission





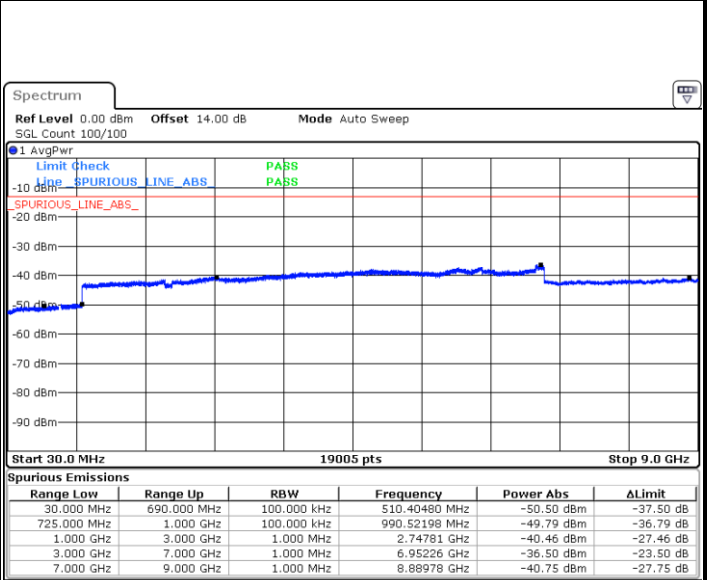
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 16.DEC.2021 05:38:58

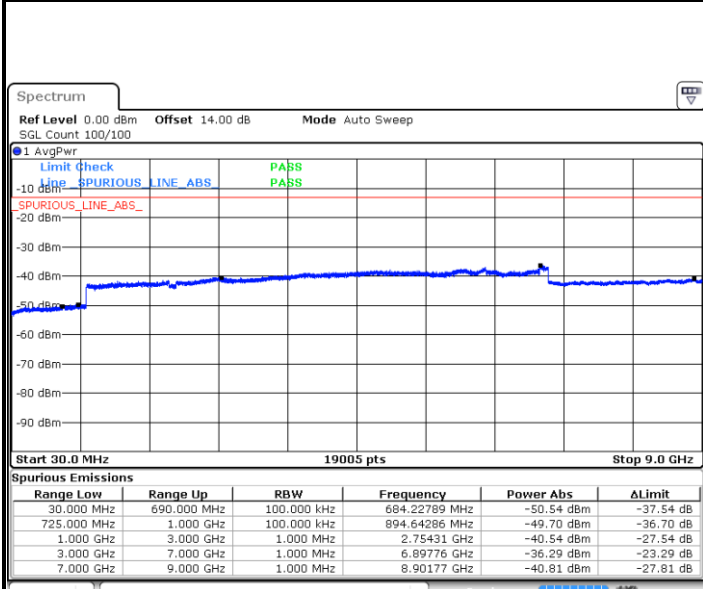
Highest Channel / 16QAM



Date: 16.DEC.2021 05:40:22

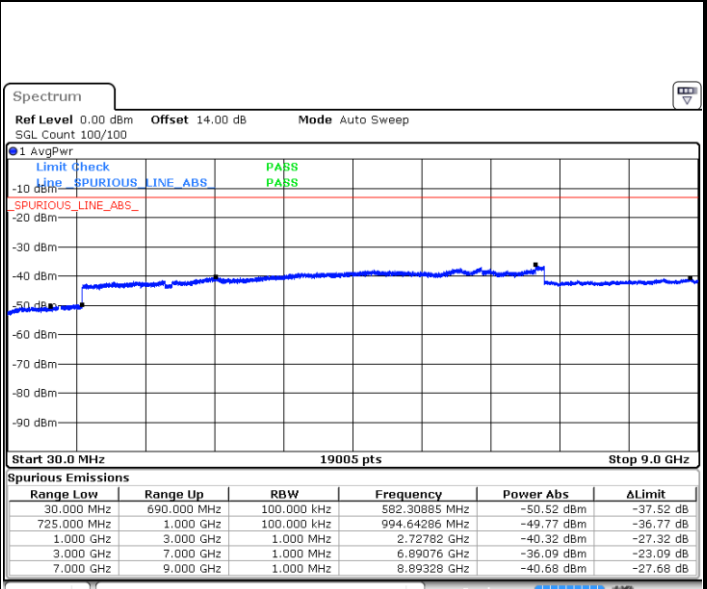
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 16.DEC.2021 03:31:29

Lowest Channel / 16QAM



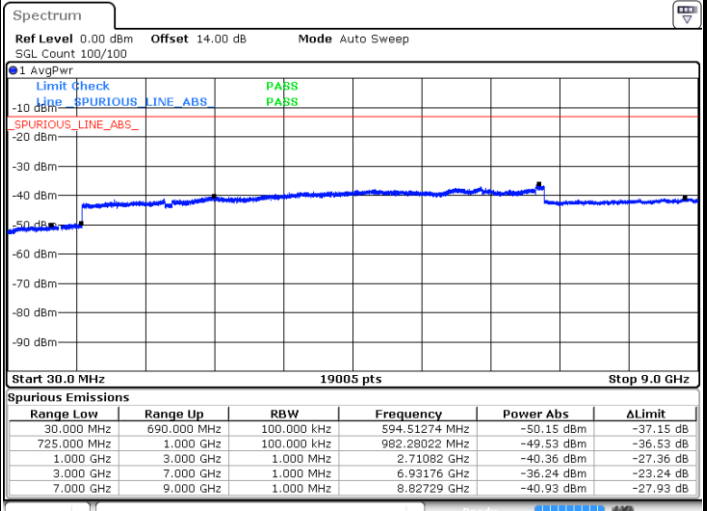
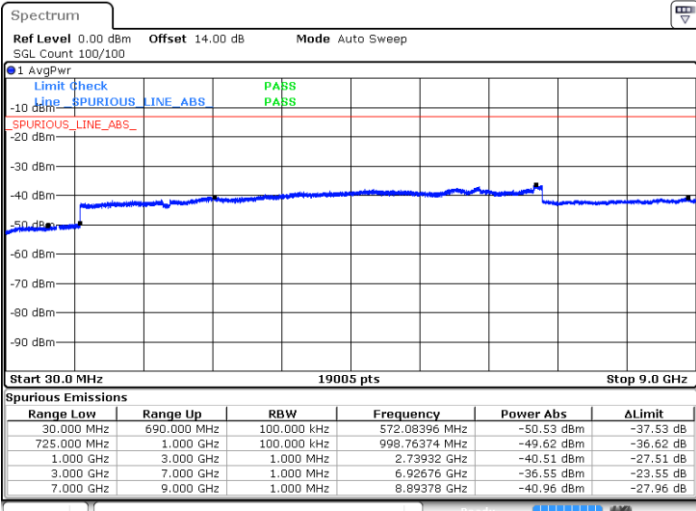
Date: 16.DEC.2021 03:32:52



LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

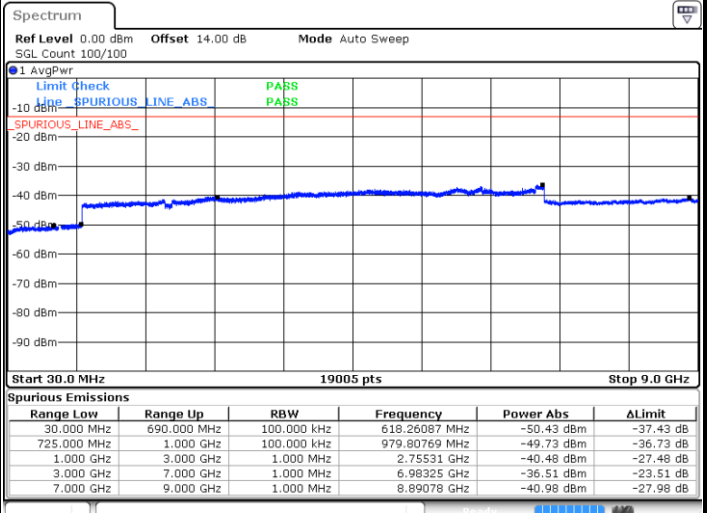
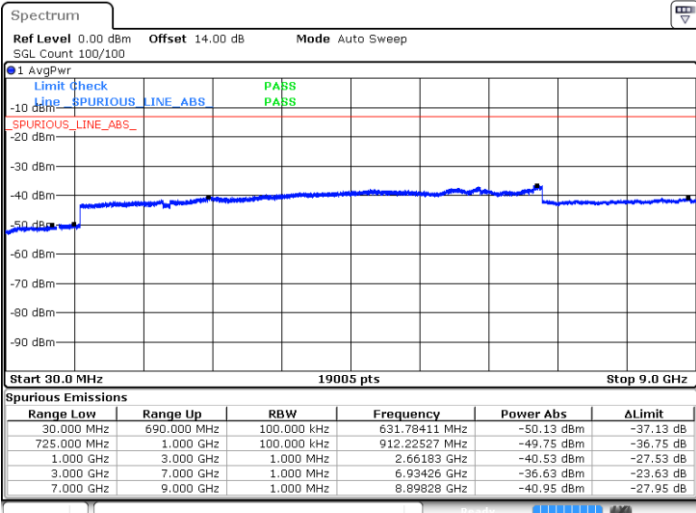


Date: 16 DEC. 2021 03:37:06

Date: 16 DEC. 2021 03:35:43

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 16 DEC. 2021 03:46:20

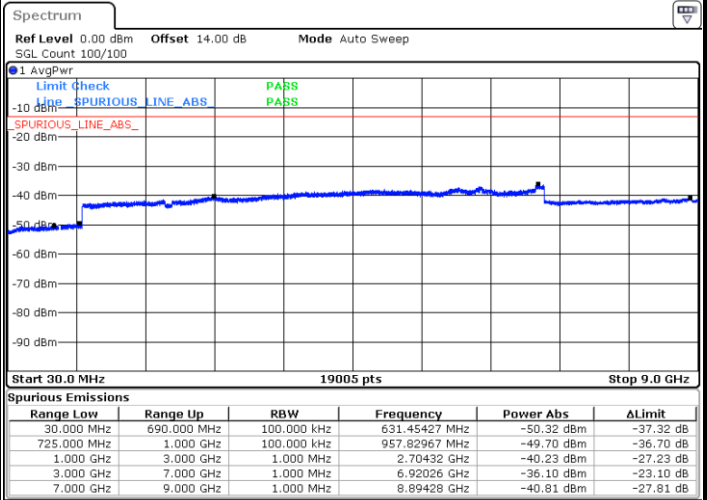
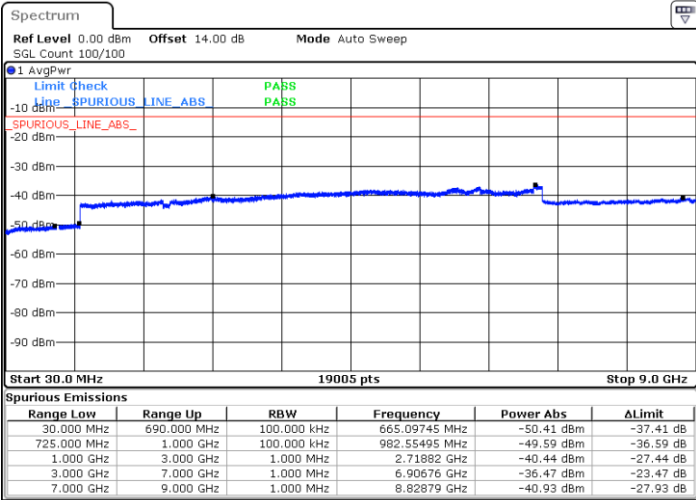
Date: 16 DEC. 2021 03:47:44



LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

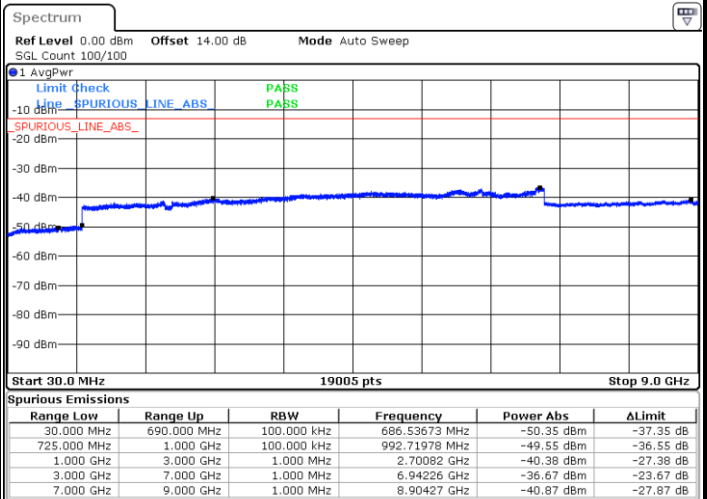
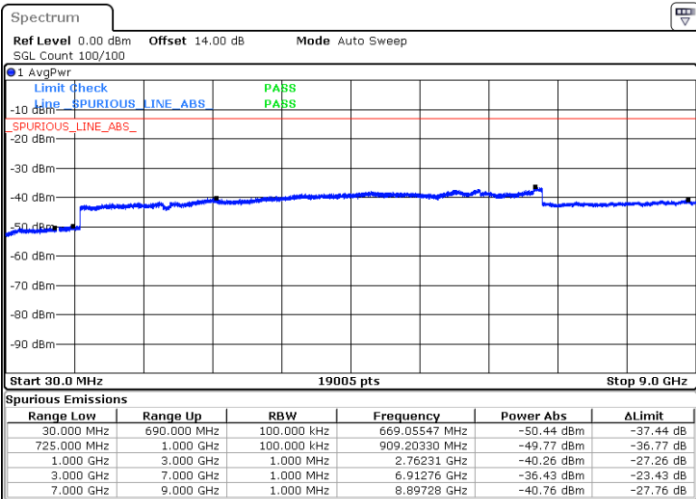


Date: 16.DEC.2021 04:21:14

Date: 16.DEC.2021 04:22:38

Middle Channel / QPSK

Middle Channel / 16QAM



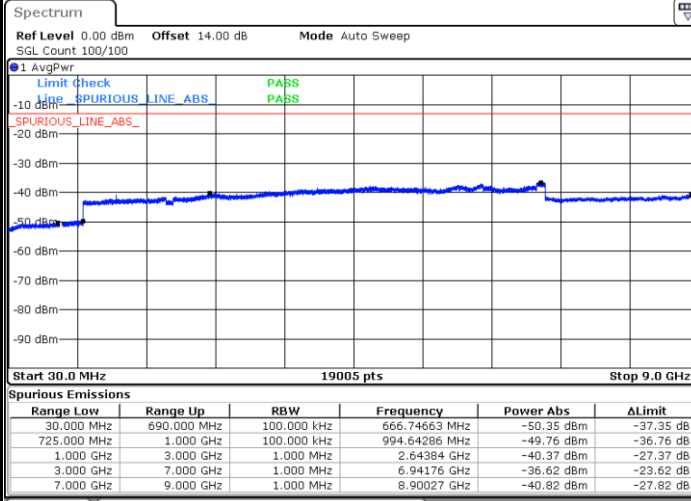
Date: 16.DEC.2021 04:26:51

Date: 16.DEC.2021 04:25:28



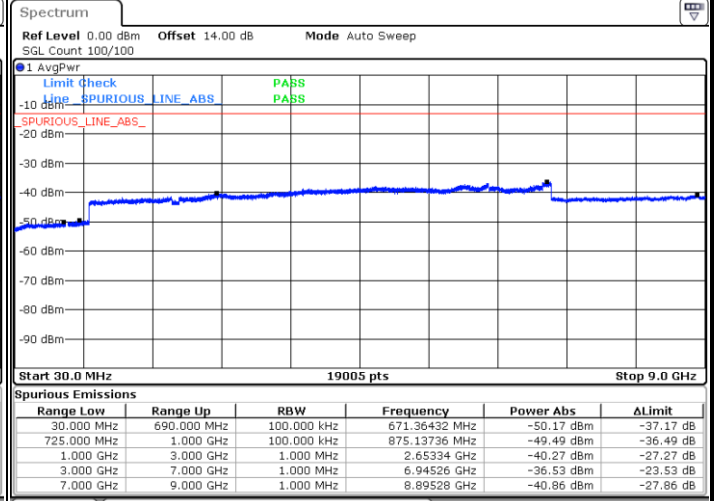
LTE Band 12 / 5MHz

Highest Channel / QPSK



Date: 16.DEC.2021 04:37:28

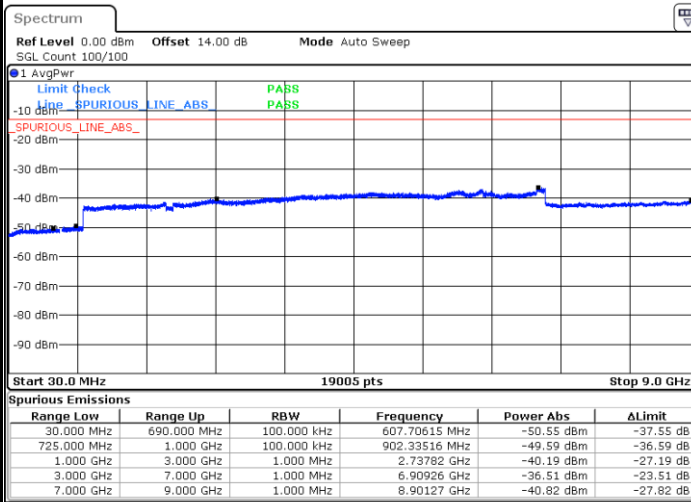
Highest Channel / 16QAM



Date: 16.DEC.2021 04:36:05

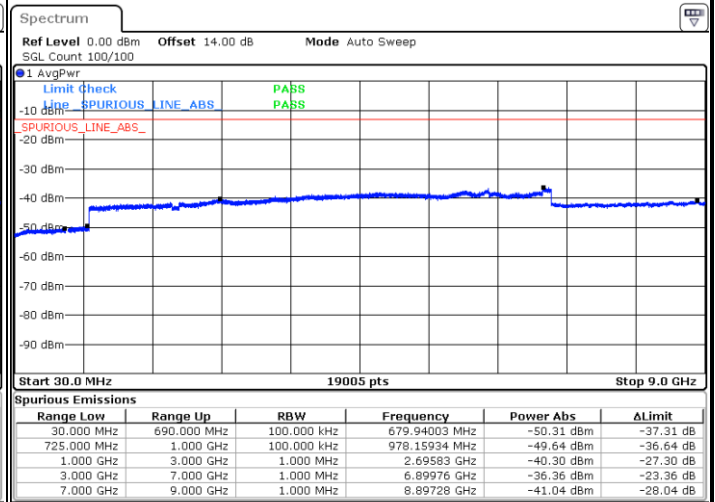
LTE Band 12 / 10MHz

Lowest Channel / QPSK



Date: 16.DEC.2021 04:46:33

Lowest Channel / 16QAM

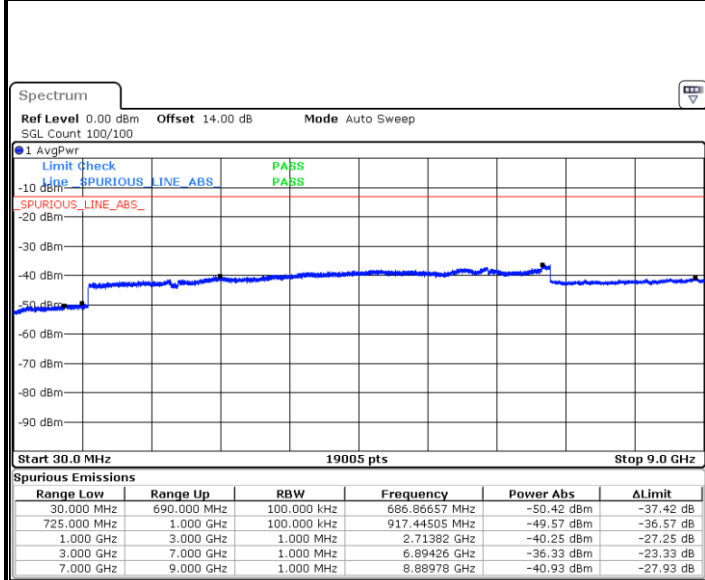


Date: 16.DEC.2021 04:47:57



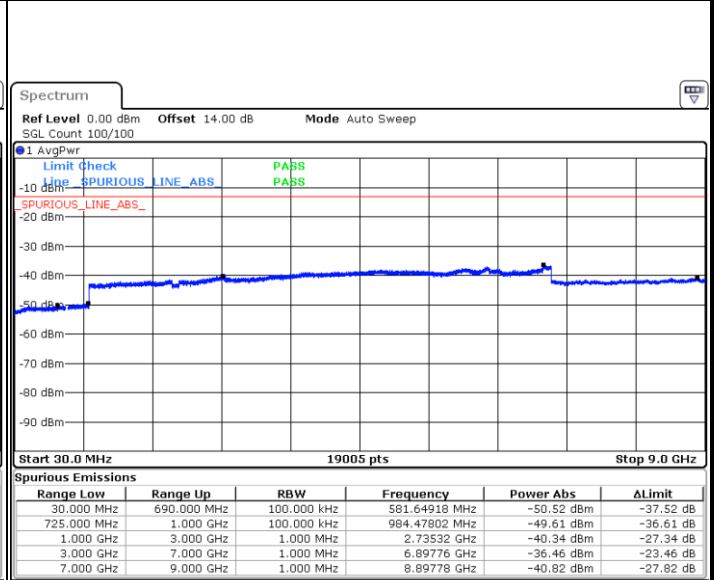
LTE Band 12 / 10MHz

Middle Channel / QPSK



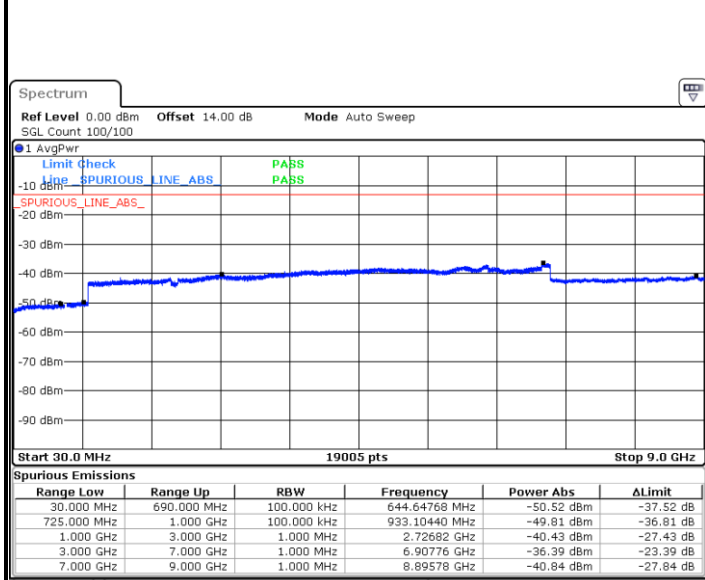
Date: 16.DEC.2021 04:52:10

Middle Channel / 16QAM



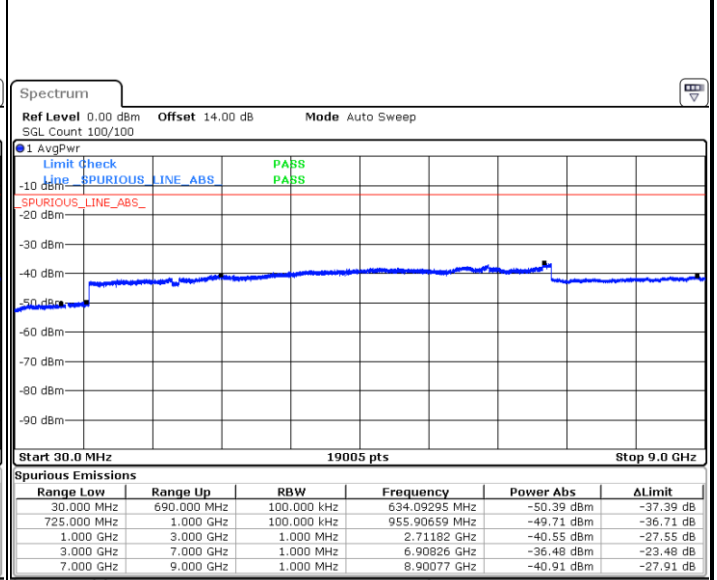
Date: 16.DEC.2021 04:50:47

Highest Channel / QPSK



Date: 16.DEC.2021 05:01:25

Highest Channel / 16QAM



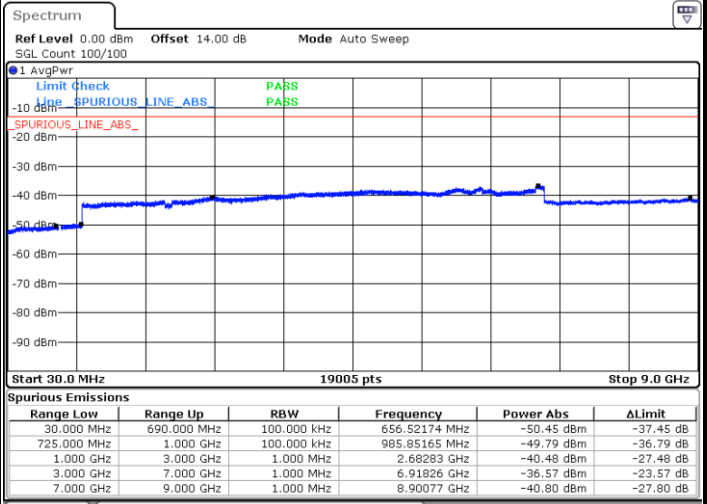
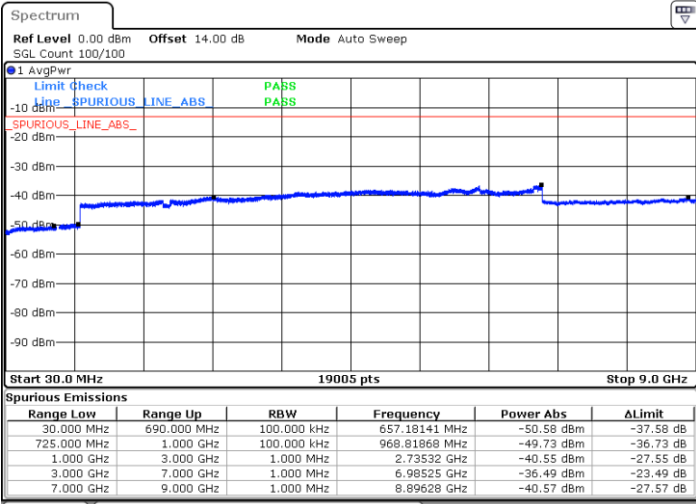
Date: 16.DEC.2021 05:02:49



LTE Band 12 / 1.4MHz

Lowest Channel / 64QAM

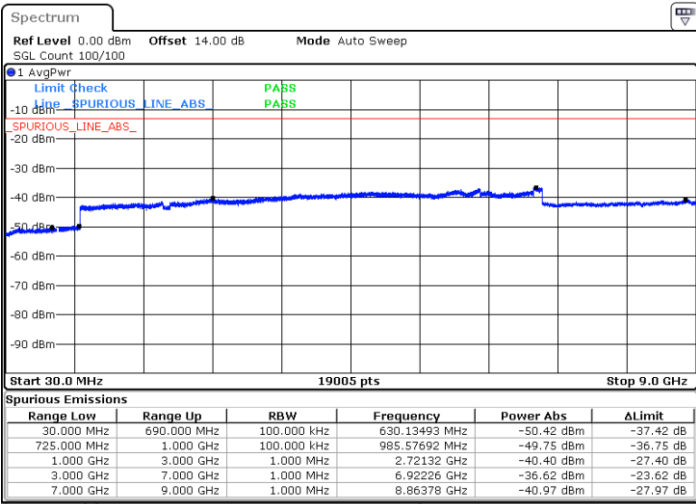
Middle Channel / 64QAM



Date: 16.DEC.2021 05:45:22

Date: 16.DEC.2021 05:47:24

Highest Channel / 64QAM



Date: 16.DEC.2021 05:52:34

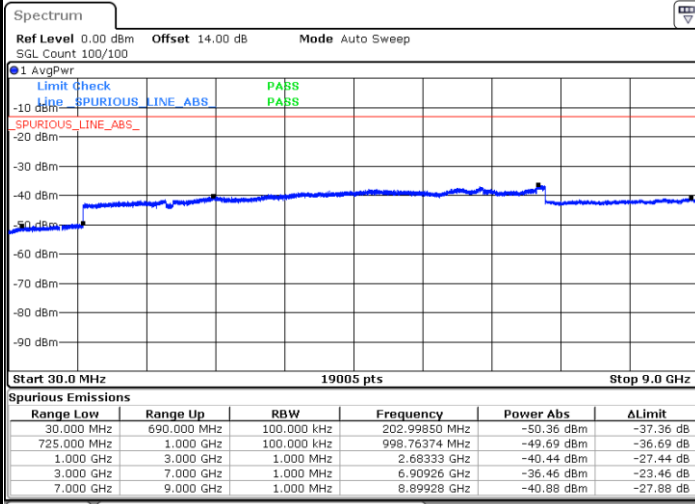




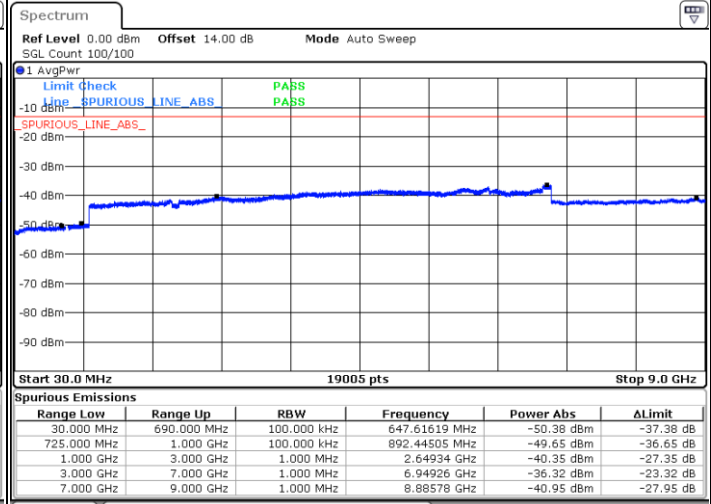
LTE Band 12 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

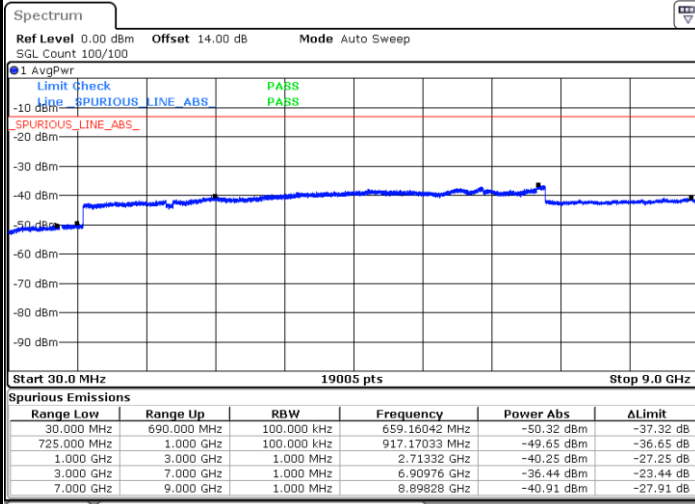


Date: 16.DEC.2021 03:52:44



Date: 16.DEC.2021 03:54:46

Highest Channel / 64QAM



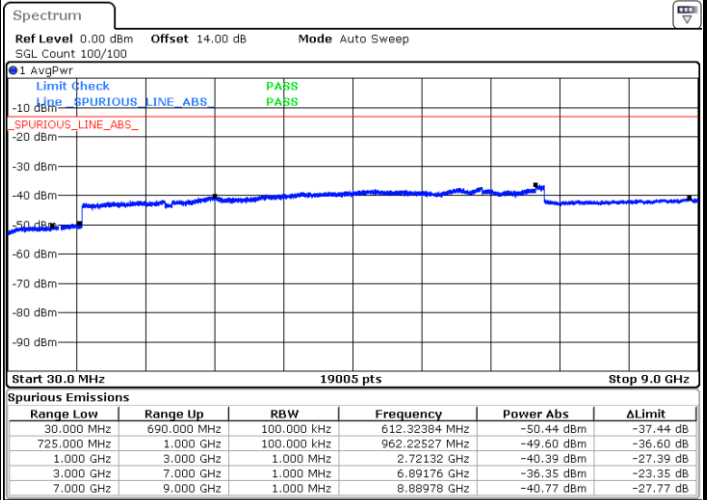
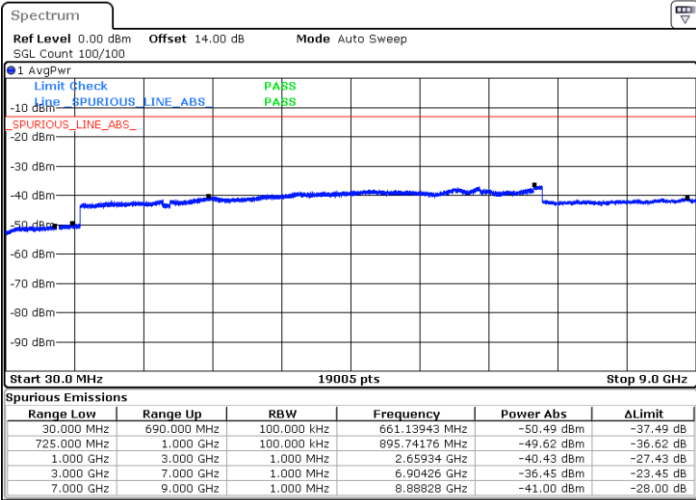
Date: 16.DEC.2021 03:59:55



LTE Band 12 / 5MHz

Lowest Channel / 64QAM

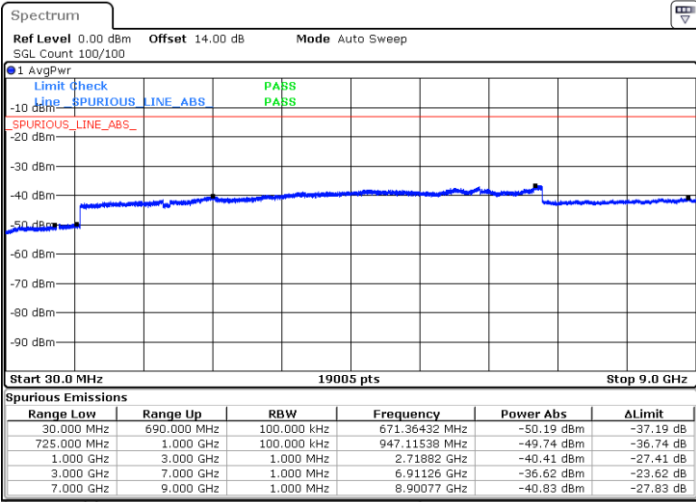
Middle Channel / 64QAM



Date: 16.DEC.2021 04:04:56

Date: 16.DEC.2021 04:06:59

Highest Channel / 64QAM



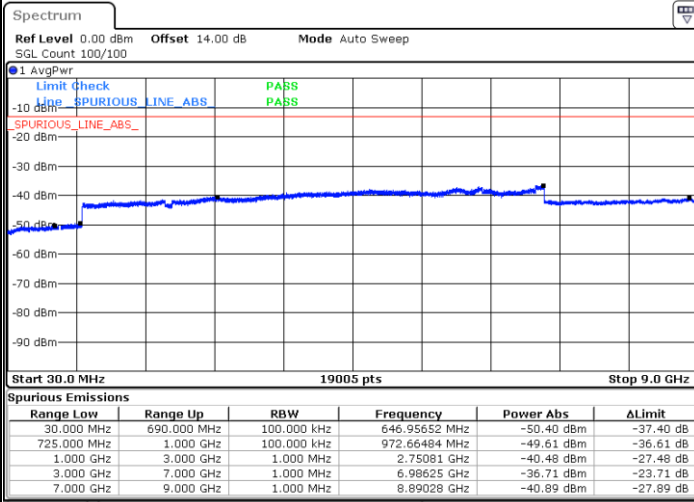
Date: 16.DEC.2021 04:12:09



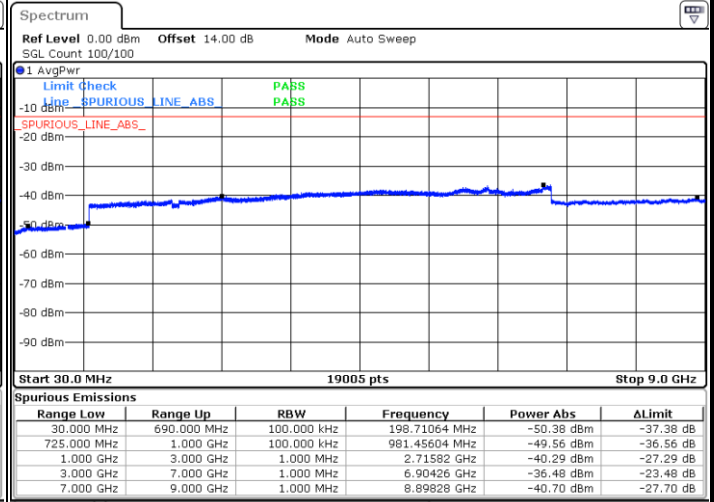
LTE Band 12 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

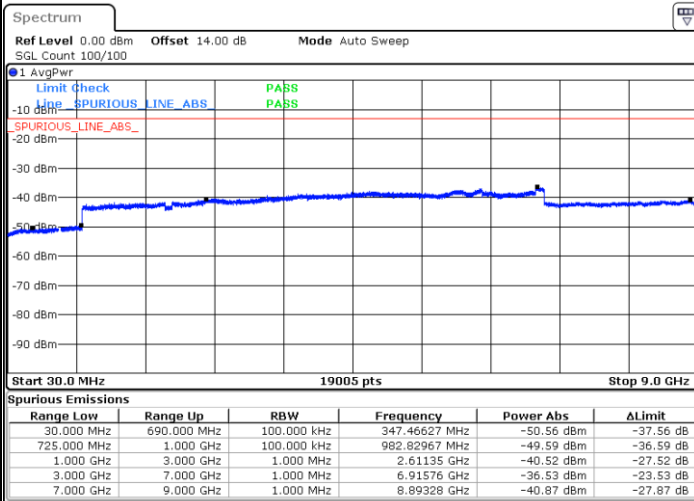


Date: 16.DEC.2021 05:07:49



Date: 16.DEC.2021 05:09:51

Highest Channel / 64QAM



Date: 16.DEC.2021 05:15:01



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 26

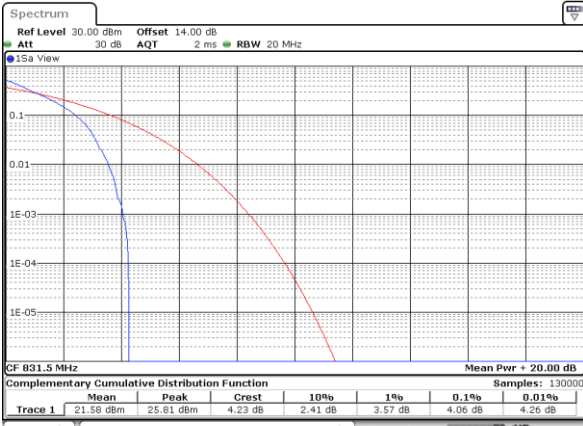
## Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.06	4.55	4.87	5.45	PASS
Middle CH	4.12	4.70	5.10	5.54	
Highest CH	4.00	4.99	5.01	5.68	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.77	5.83	-	-	PASS
Middle CH	5.45	5.94	-	-	
Highest CH	5.65	5.97	-	-	



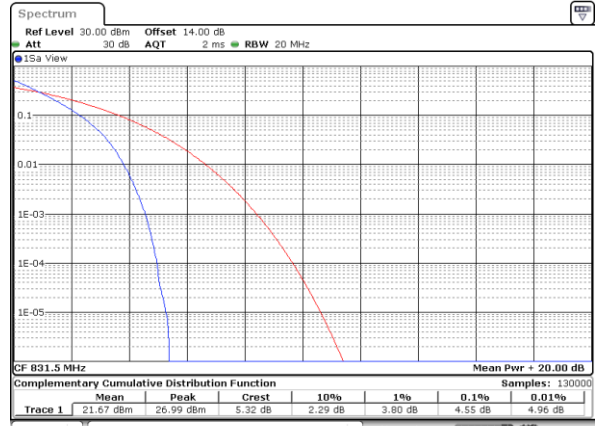
LTE Band 26 / 15MHz / QPSK

Lowest Channel / 1RB



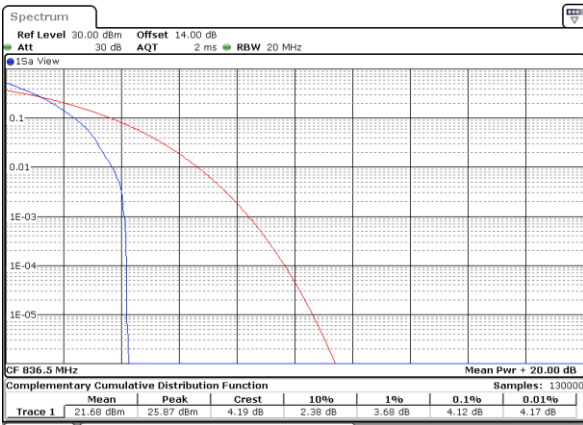
Date: 15. DEC. 2021 06:51:57

Lowest Channel / Full RB



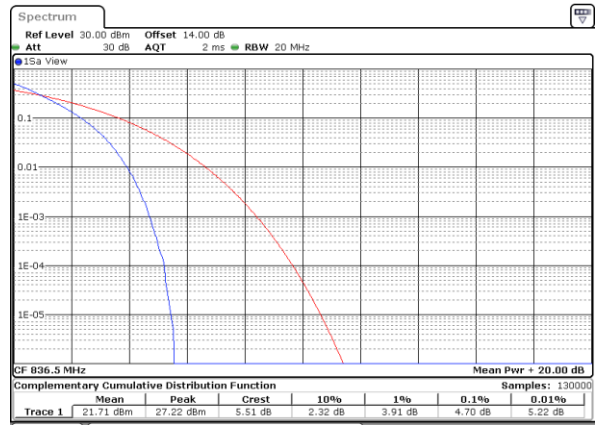
Date: 15. DEC. 2021 06:50:41

Middle Channel / 1RB



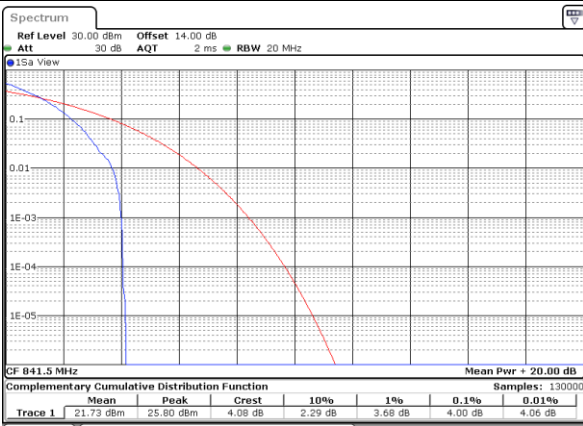
Date: 15. DEC. 2021 06:52:22

Middle Channel / Full RB



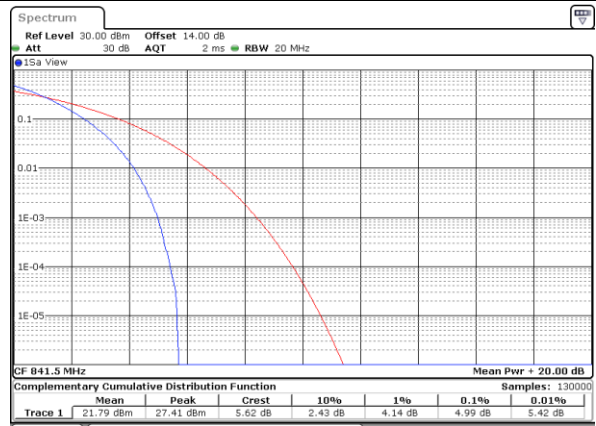
Date: 15. DEC. 2021 06:53:39

Highest Channel / 1RB



Date: 15. DEC. 2021 06:55:22

Highest Channel / Full RB

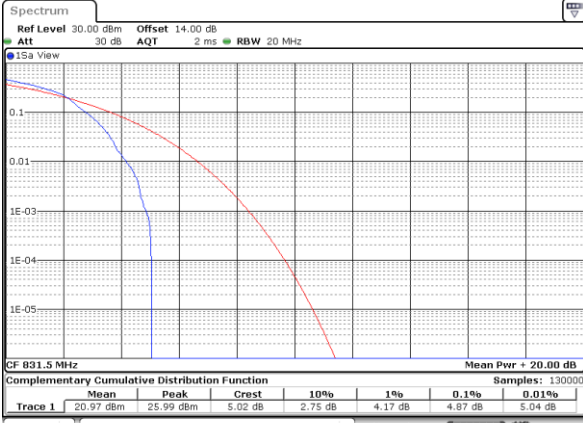


Date: 15. DEC. 2021 06:54:05



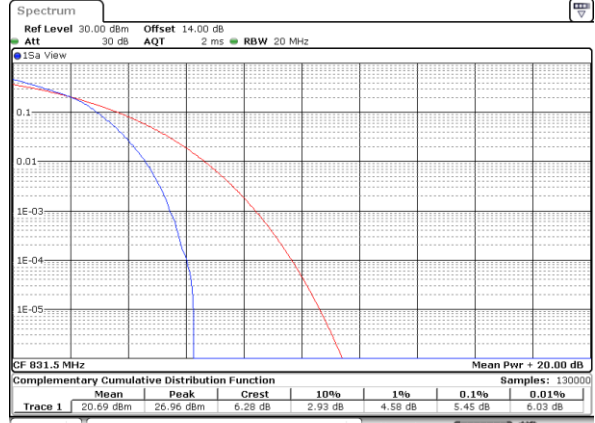
LTE Band 26 / 15MHz / 16QAM

Lowest Channel / 1RB



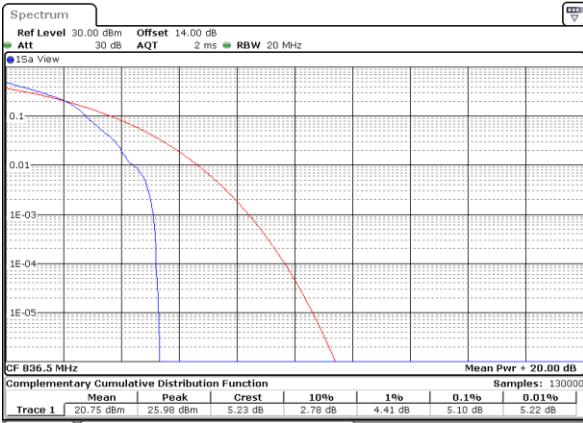
Date: 15. DEC. 2021 06:51:32

Lowest Channel / Full RB



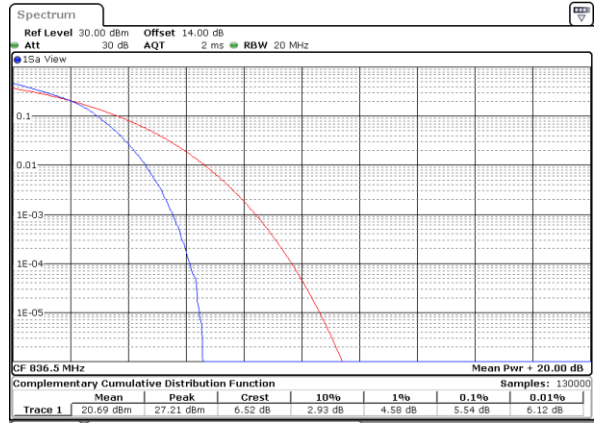
Date: 15. DEC. 2021 06:51:06

Middle Channel / 1RB



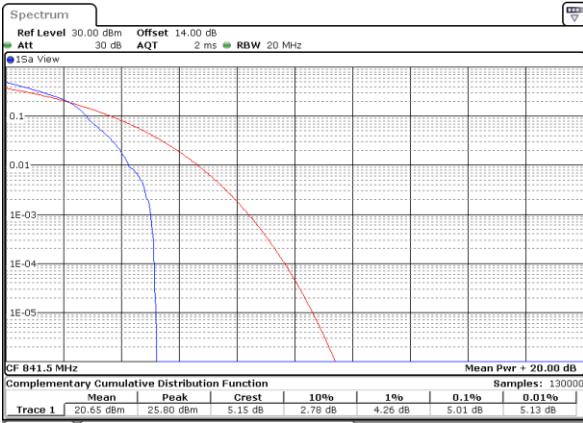
Date: 15. DEC. 2021 06:52:48

Middle Channel / Full RB



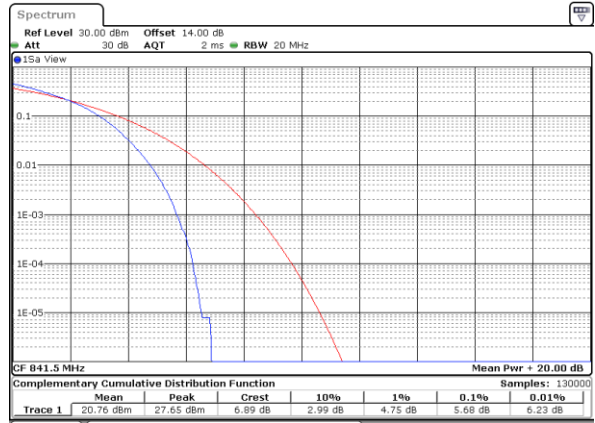
Date: 15. DEC. 2021 06:53:14

Highest Channel / 1RB



Date: 15. DEC. 2021 06:54:56

Highest Channel / Full RB

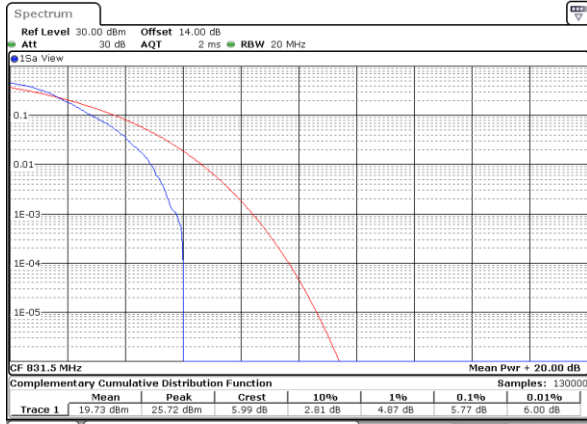


Date: 15. DEC. 2021 06:54:30



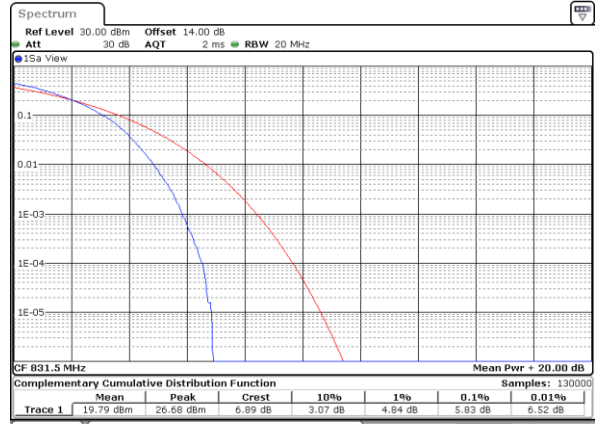
LTE Band 26 / 15MHz / 64QAM

Lowest Channel / 1RB



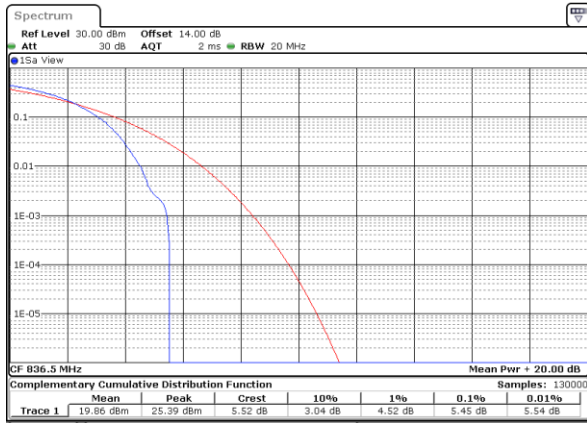
Date: 15.Dec.2021 06:56:13

Lowest Channel / Full RB



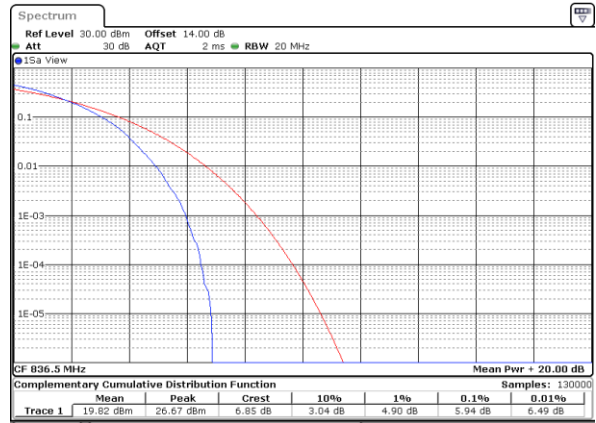
Date: 15.Dec.2021 06:55:48

Middle Channel / 1RB



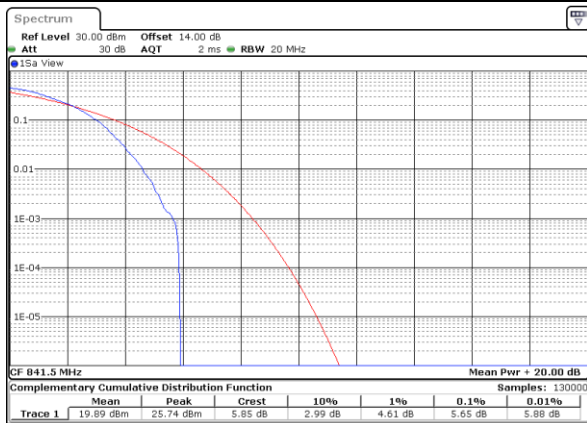
Date: 15.Dec.2021 06:56:39

Middle Channel / Full RB



Date: 15.Dec.2021 06:57:05

Highest Channel / 1RB



Date: 15.Dec.2021 06:57:56

Highest Channel / Full RB



Date: 15.Dec.2021 06:57:30





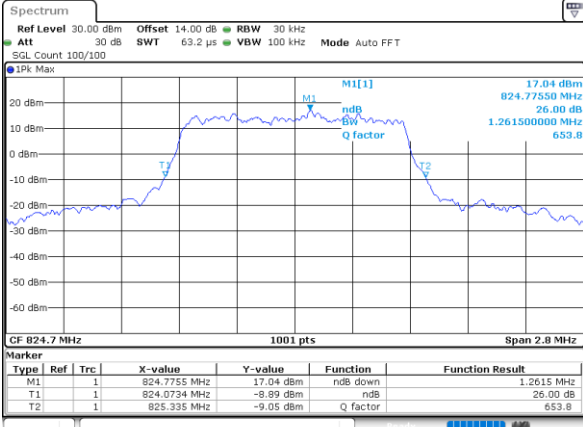
**26dB Bandwidth**

Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	1.26	1.28	2.99	2.97	4.95	4.87	9.91	9.75	14.39	14.42		
Middle CH	1.27	1.30	2.99	2.96	4.81	4.87	9.79	9.89	14.36	14.51		
Highest CH	1.28	1.28	2.95	2.96	4.78	4.81	9.71	9.75	14.45	14.45		
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz			
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM			
Lowest CH	1.26	-	2.97	-	4.87	-	9.85	-	14.57	-		
Middle CH	1.29	-	3.00	-	4.95	-	9.93	-	14.30	-		
Highest CH	1.30	-	2.97	-	4.88	-	9.87	-	14.24	-		



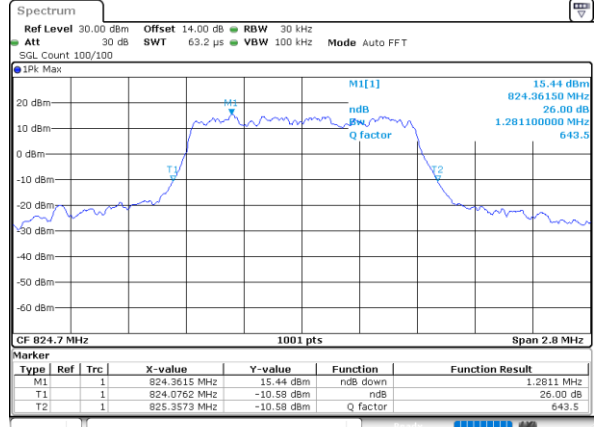
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



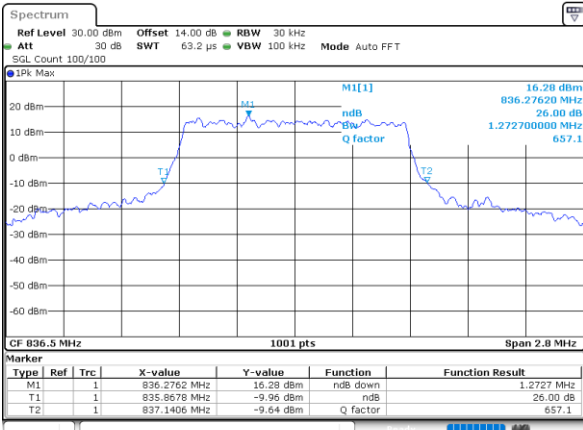
Date: 15. DEC. 2021 03:54:33

Lowest Channel / 1.4MHz / 16QAM



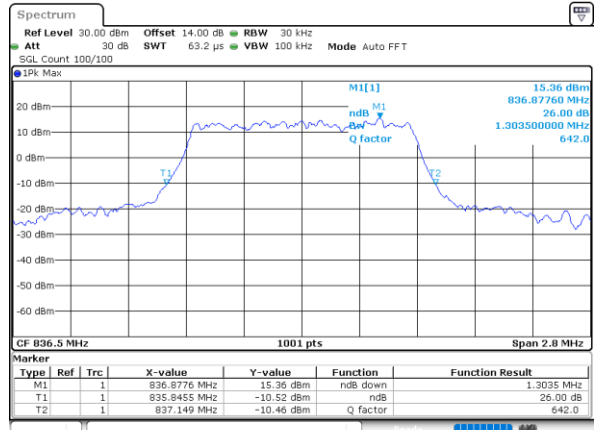
Date: 15. DEC. 2021 03:54:09

Middle Channel / 1.4MHz / QPSK



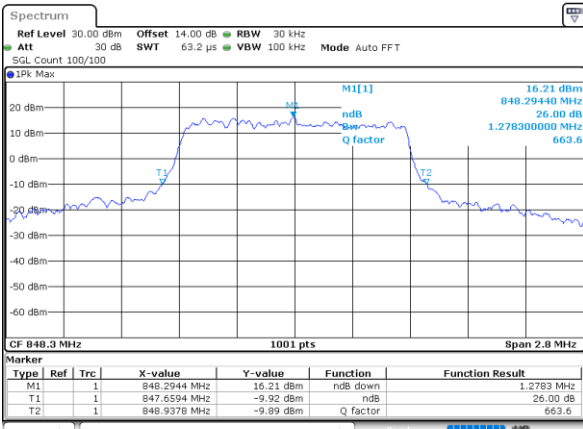
Date: 15. DEC. 2021 04:04:43

Middle Channel / 1.4MHz / 16QAM



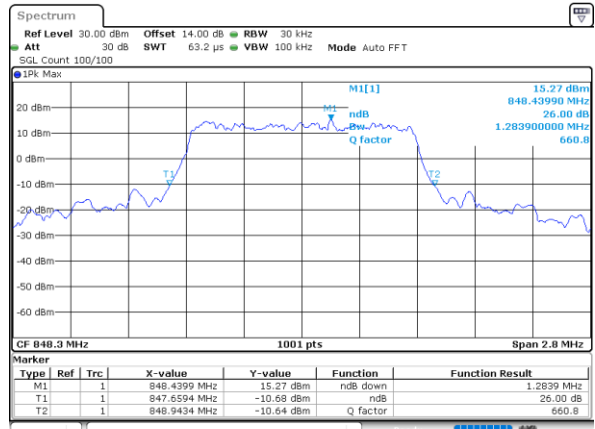
Date: 15. DEC. 2021 04:04:19

Highest Channel / 1.4MHz / QPSK



Date: 15. DEC. 2021 04:08:59

Highest Channel / 1.4MHz / 16QAM

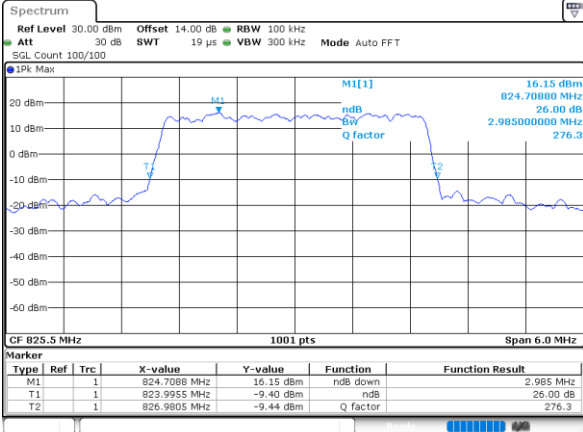


Date: 15. DEC. 2021 04:08:34



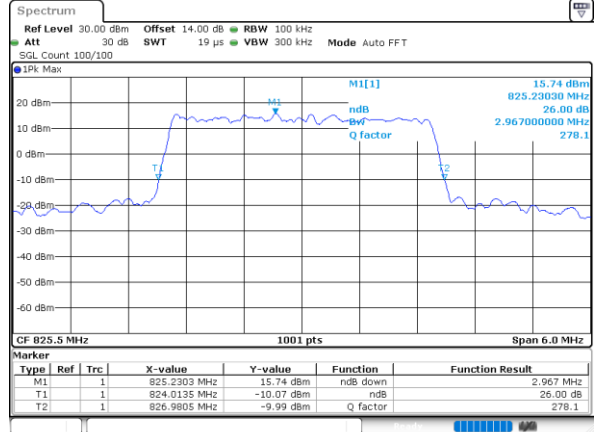
LTE Band 26

Lowest Channel / 3MHz / QPSK



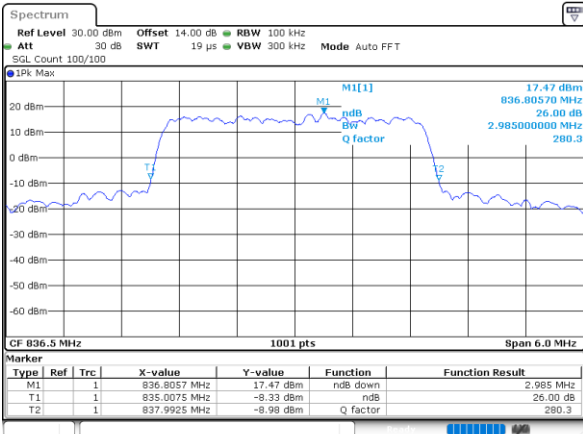
Date: 15. DEC. 2021 05:17:28

Lowest Channel / 3MHz / 16QAM



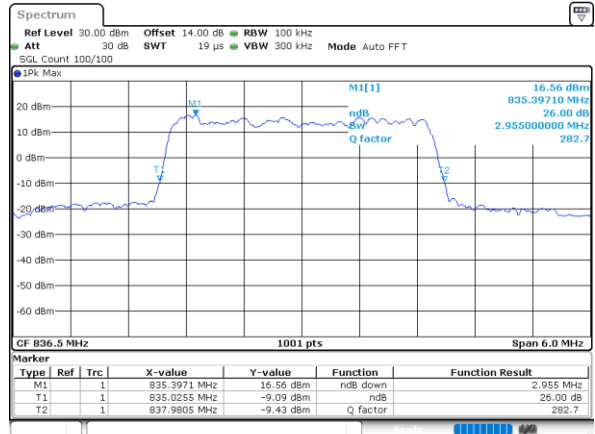
Date: 15. DEC. 2021 05:17:04

Middle Channel / 3MHz / QPSK



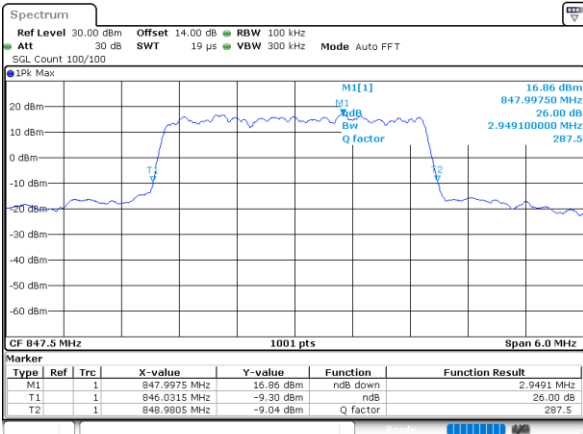
Date: 15. DEC. 2021 05:26:57

Middle Channel / 3MHz / 16QAM



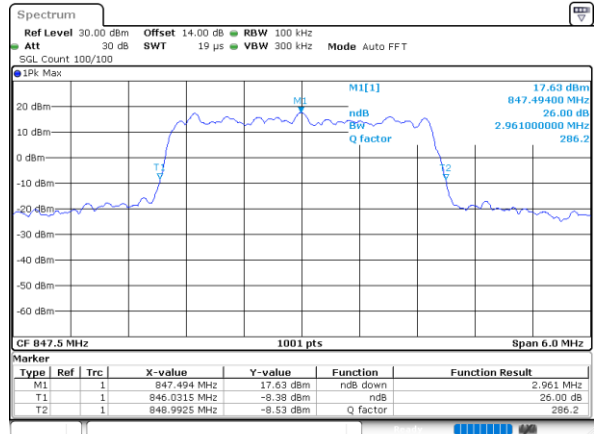
Date: 15. DEC. 2021 05:26:32

Highest Channel / 3MHz / QPSK



Date: 15. DEC. 2021 05:31:13

Highest Channel / 3MHz / 16QAM

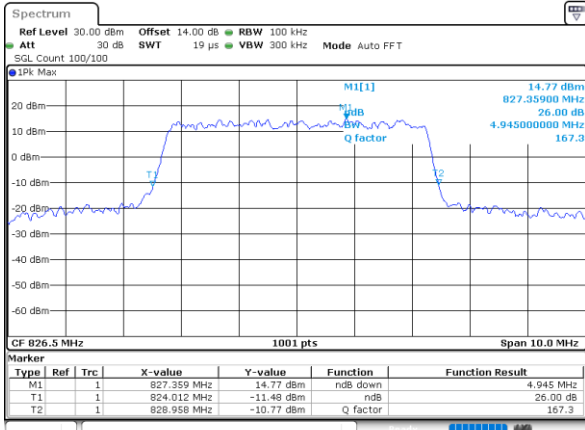


Date: 15. DEC. 2021 05:30:48



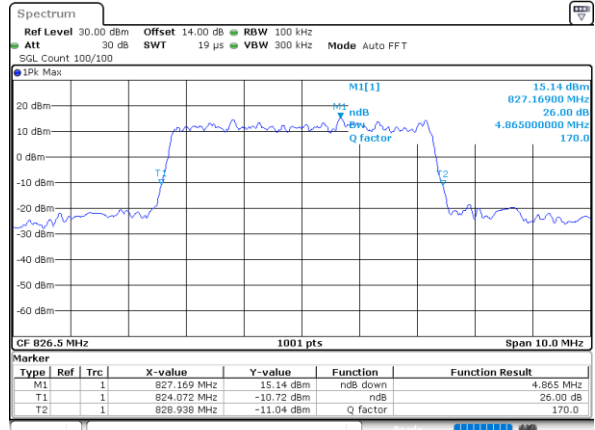
LTE Band 26

Lowest Channel / 5MHz / QPSK



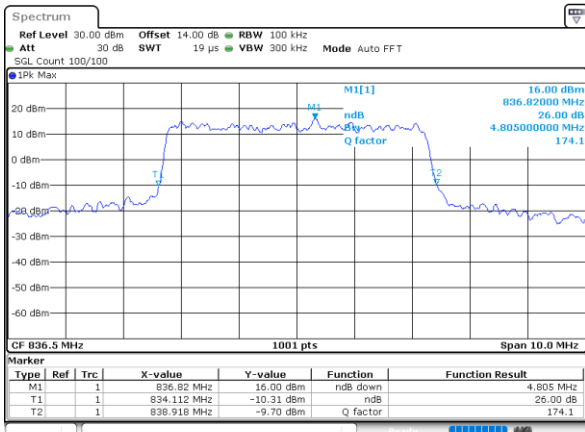
Date: 15. DEC. 2021 05:41:01

Lowest Channel / 5MHz / 16QAM



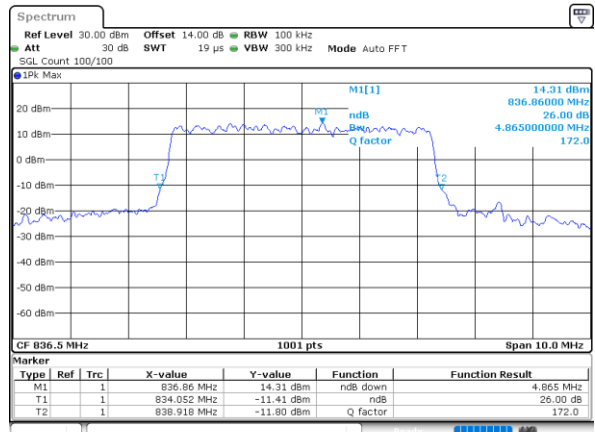
Date: 15. DEC. 2021 05:40:36

Middle Channel / 5MHz / QPSK



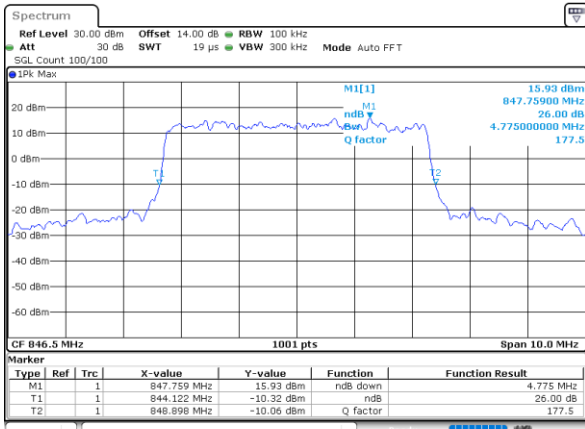
Date: 15. DEC. 2021 05:50:29

Middle Channel / 5MHz / 16QAM



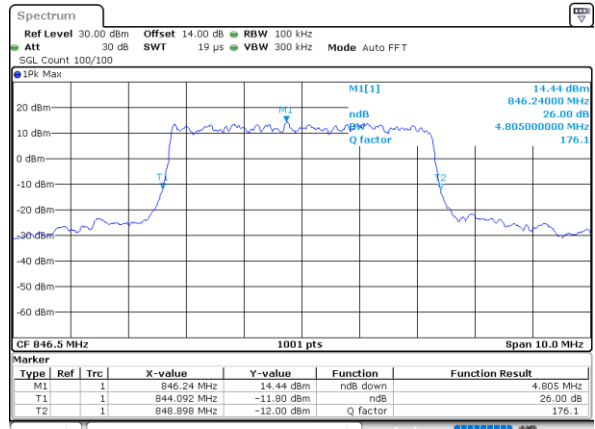
Date: 15. DEC. 2021 05:50:05

Highest Channel / 5MHz / QPSK



Date: 15. DEC. 2021 05:54:45

Highest Channel / 5MHz / 16QAM

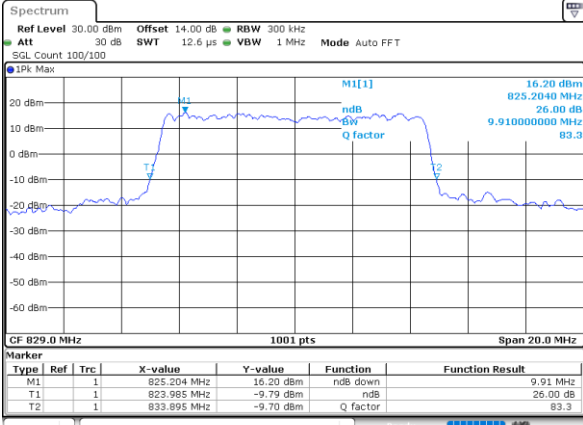


Date: 15. DEC. 2021 05:54:20



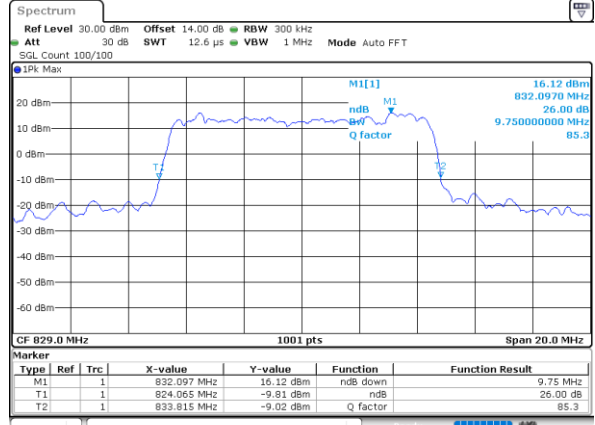
LTE Band 26

Lowest Channel / 10MHz / QPSK



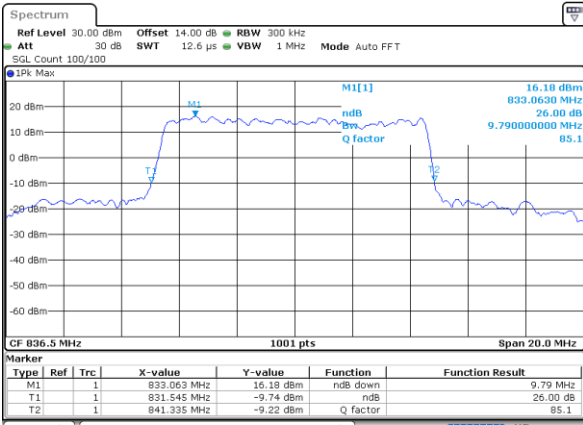
Date: 15. DEC. 2021 06:04:34

Lowest Channel / 10MHz / 16QAM



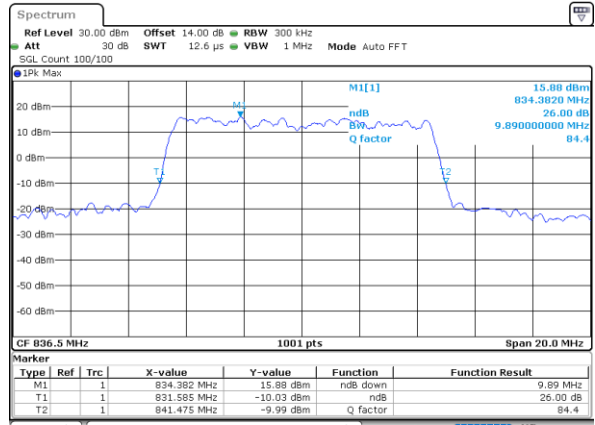
Date: 15. DEC. 2021 06:10:19

Middle Channel / 10MHz / QPSK



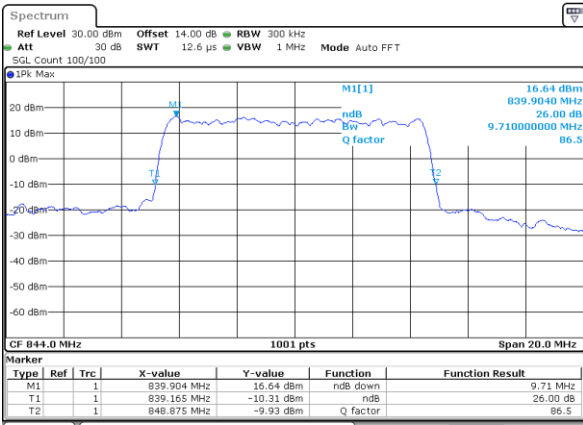
Date: 15. DEC. 2021 06:14:04

Middle Channel / 10MHz / 16QAM



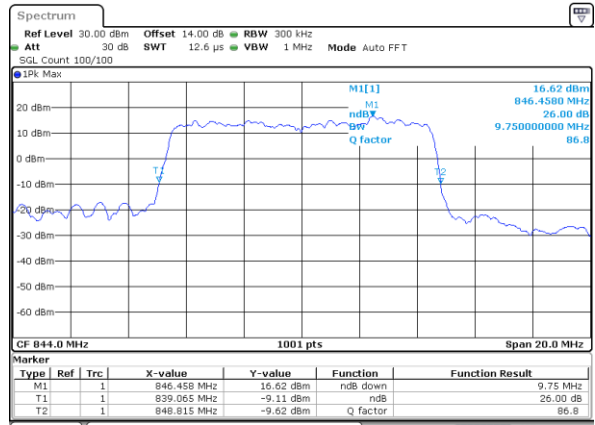
Date: 15. DEC. 2021 06:13:39

Highest Channel / 10MHz / QPSK



Date: 15. DEC. 2021 06:18:20

Highest Channel / 10MHz / 16QAM

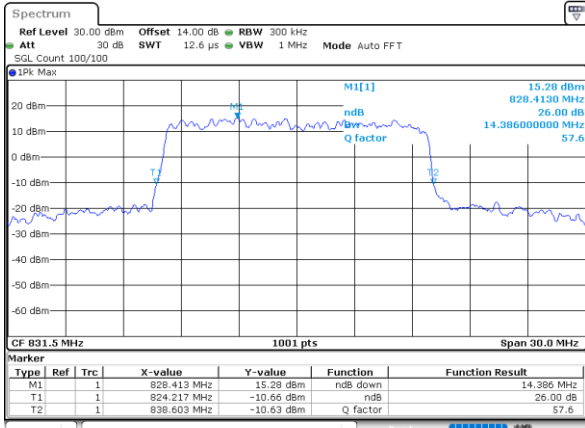


Date: 15. DEC. 2021 06:17:55



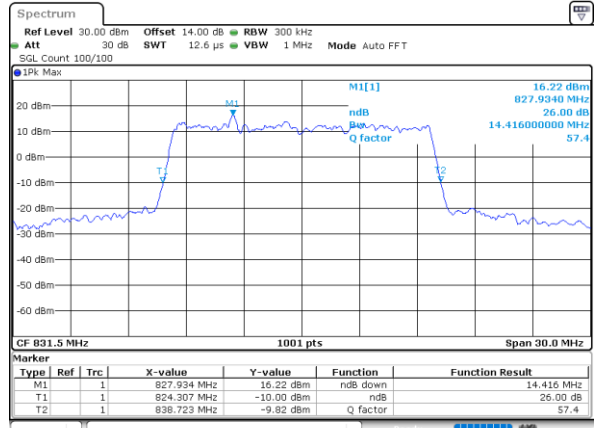
LTE Band 26

Lowest Channel / 15MHz / QPSK



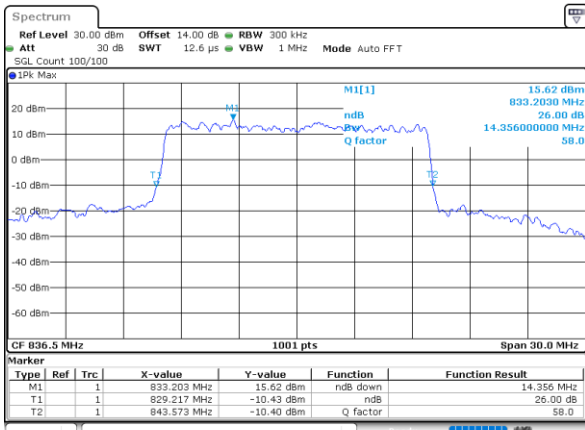
Date: 15. DEC. 2021 06:28:08

Lowest Channel / 15MHz / 16QAM



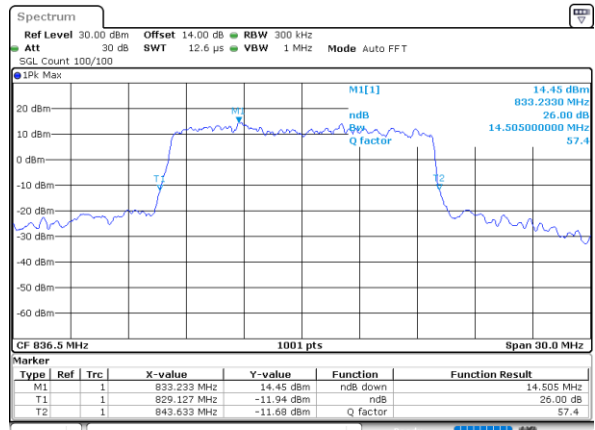
Date: 15. DEC. 2021 06:27:44

Middle Channel / 15MHz / QPSK



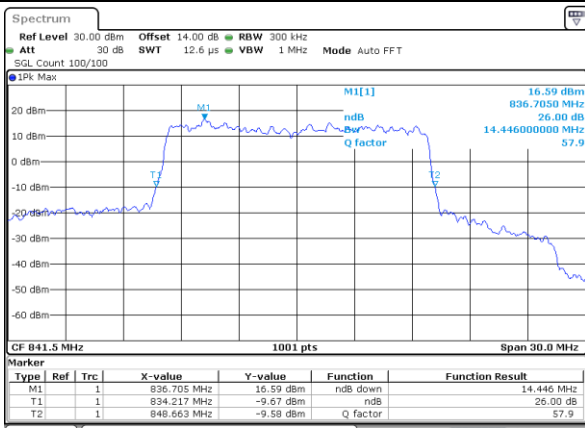
Date: 15. DEC. 2021 06:37:37

Middle Channel / 15MHz / 16QAM



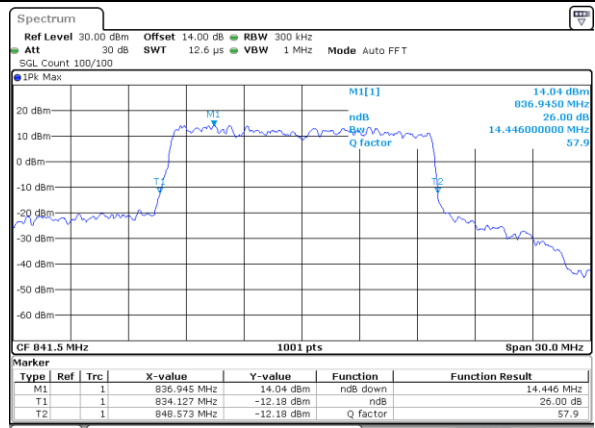
Date: 15. DEC. 2021 06:37:13

Highest Channel / 15MHz / QPSK



Date: 15. DEC. 2021 06:41:53

Highest Channel / 15MHz / 16QAM

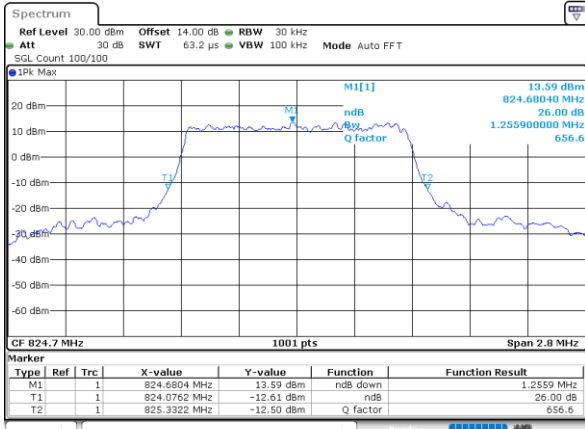


Date: 15. DEC. 2021 06:41:29



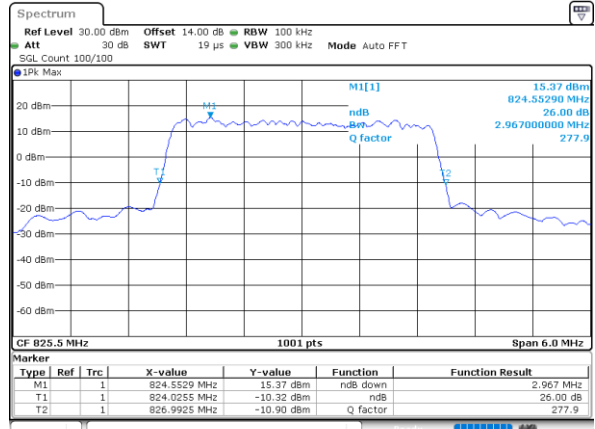
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



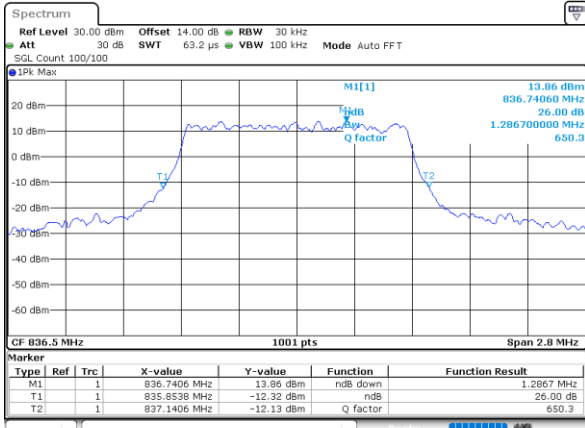
Date: 15, DEC, 2021 04:18:53

Lowest Channel / 3MHz / 64QAM



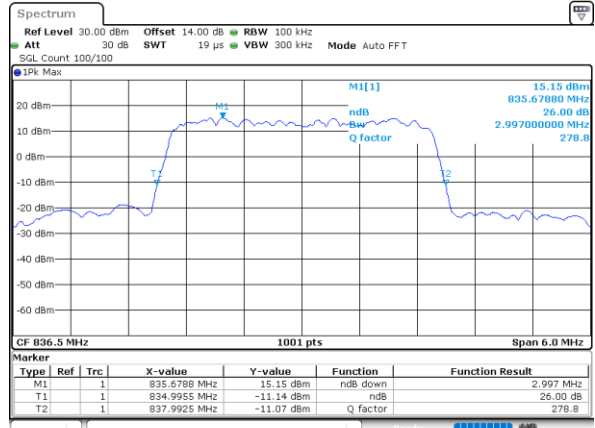
Date: 15, DEC, 2021 04:13:106

Middle Channel / 1.4MHz / 64QAM



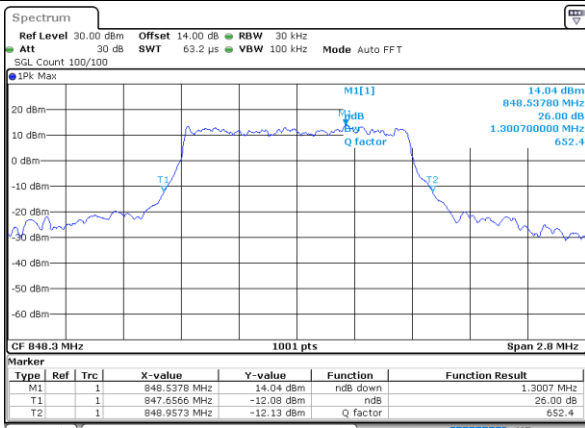
Date: 15, DEC, 2021 04:23:44

Middle Channel / 3MHz / 64QAM



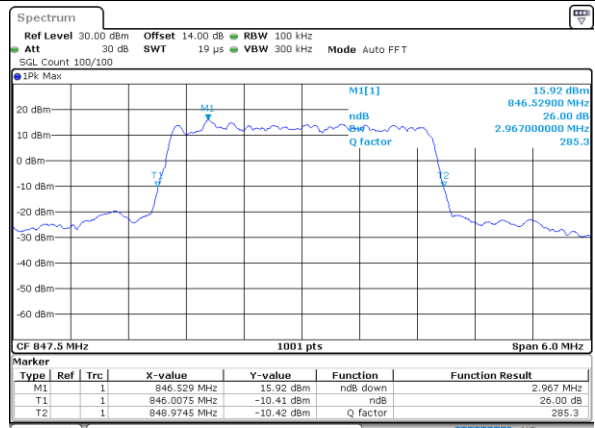
Date: 15, DEC, 2021 04:13:136

Highest Channel / 1.4MHz / 64QAM



Date: 15, DEC, 2021 04:25:48

Highest Channel / 3MHz / 64QAM

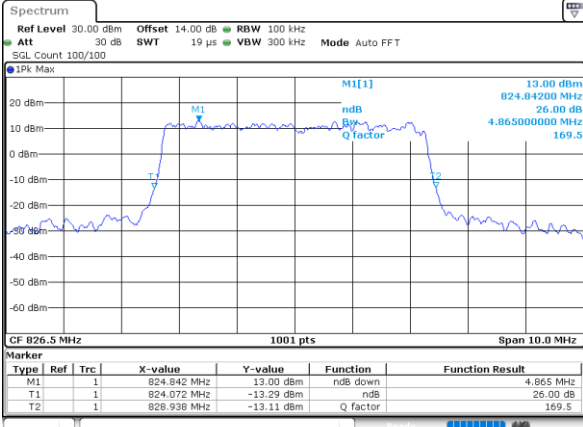


Date: 15, DEC, 2021 04:13:739



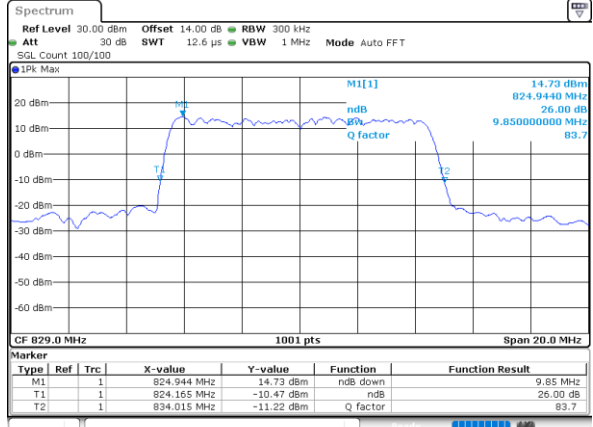
LTE Band 26

Lowest Channel / 5MHz / 64QAM



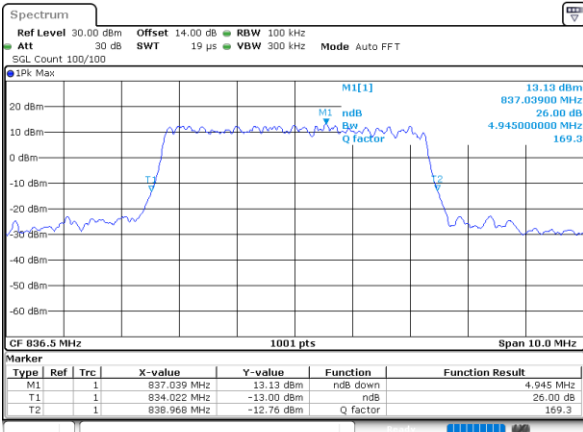
Date: 15. DEC. 2021 04:42:20

Lowest Channel / 10MHz / 64QAM



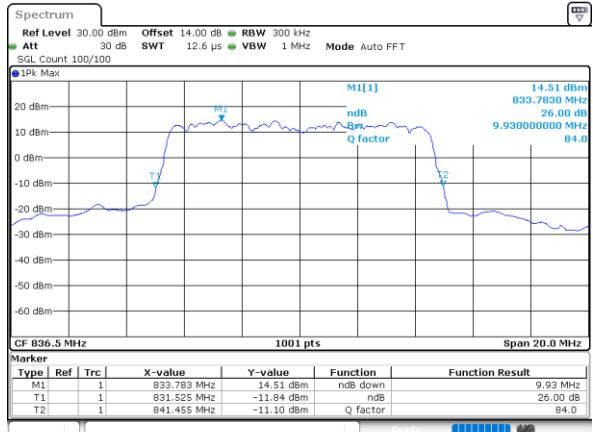
Date: 15. DEC. 2021 04:53:51

Middle Channel / 5MHz / 64QAM



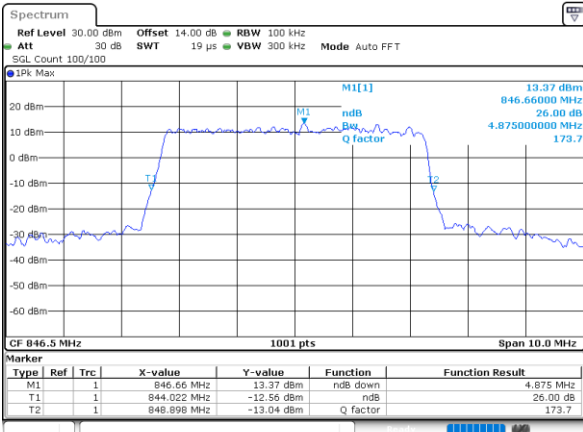
Date: 15. DEC. 2021 04:46:59

Middle Channel / 10MHz / 64QAM



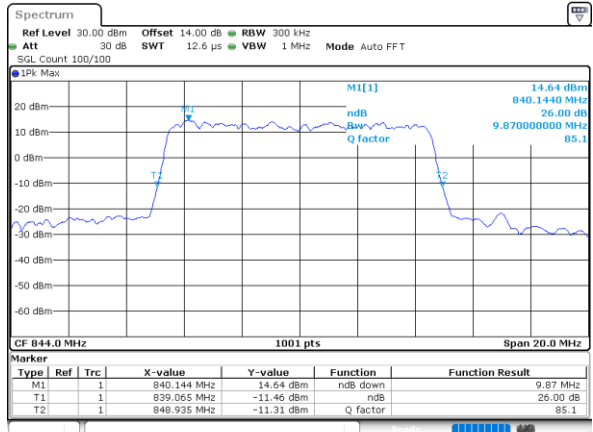
Date: 15. DEC. 2021 04:58:21

Highest Channel / 5MHz / 64QAM



Date: 15. DEC. 2021 04:49:02

Highest Channel / 10MHz / 64QAM



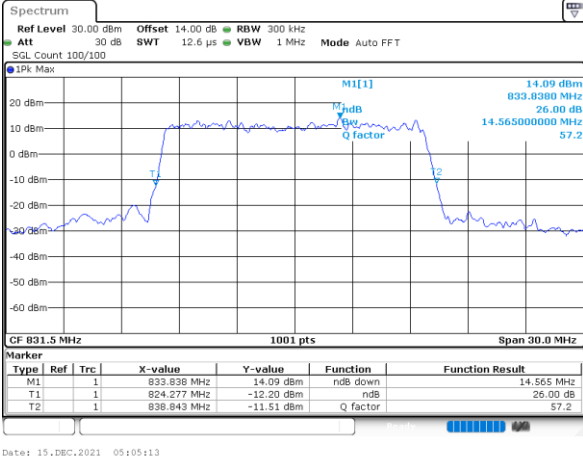
Date: 15. DEC. 2021 05:10:24





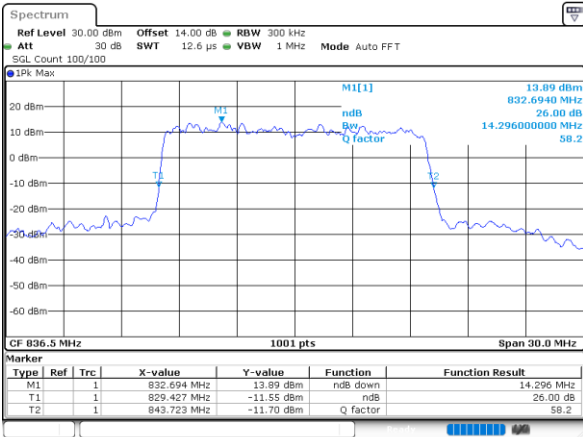
LTE Band 26

Lowest Channel / 15MHz / 64QAM



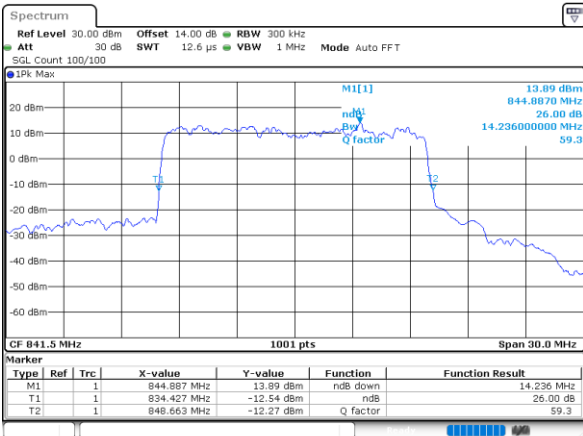
Date: 15, DEC, 2021 05:05:13

Middle Channel / 15MHz / 64QAM



Date: 15, DEC, 2021 05:09:45

Highest Channel / 15MHz / 64QAM



Date: 15, DEC, 2021 05:11:48



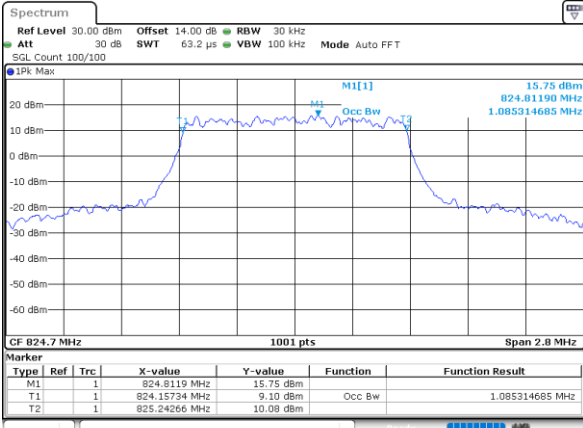
### Occupied Bandwidth

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	1.10	2.72	2.70	4.51	4.50	8.99	9.05	13.40	13.49	13.46	13.43
Middle CH	1.10	1.10	2.72	2.72	4.50	4.51	9.03	8.99	13.46	13.46		
Highest CH	1.10	1.10	2.69	2.70	4.47	4.49	9.05	8.99	13.49	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	-	2.73	-	4.49	-	9.03	-	13.37	-	13.43	
Middle CH	1.09	-	2.72	-	4.51	-	9.01	-	13.37	-		
Highest CH	1.10	-	2.70	-	4.53	-	9.03	-	13.46	-		

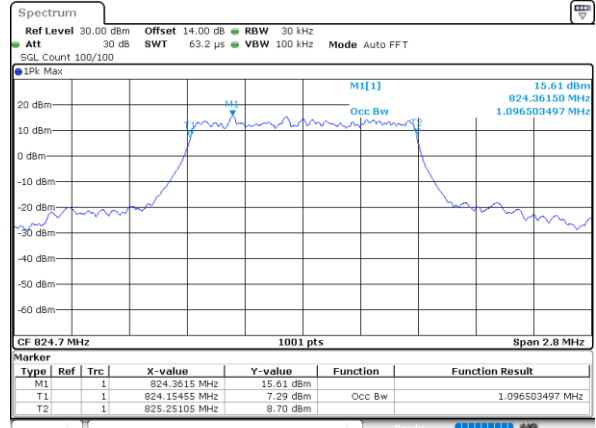


LTE Band 26

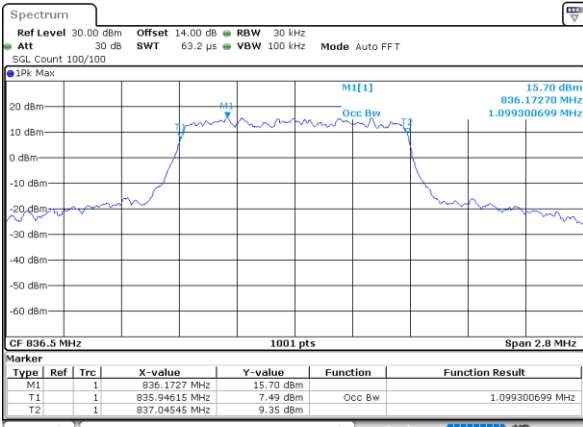
Lowest Channel / 1.4MHz / QPSK



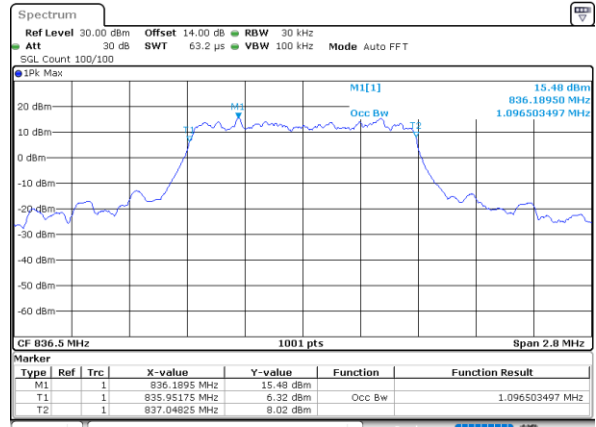
Lowest Channel / 1.4MHz / 16QAM



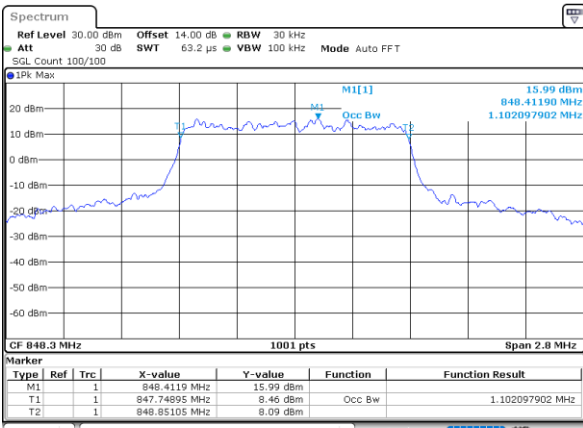
Middle Channel / 1.4MHz / QPSK



Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



Highest Channel / 1.4MHz / 16QAM

