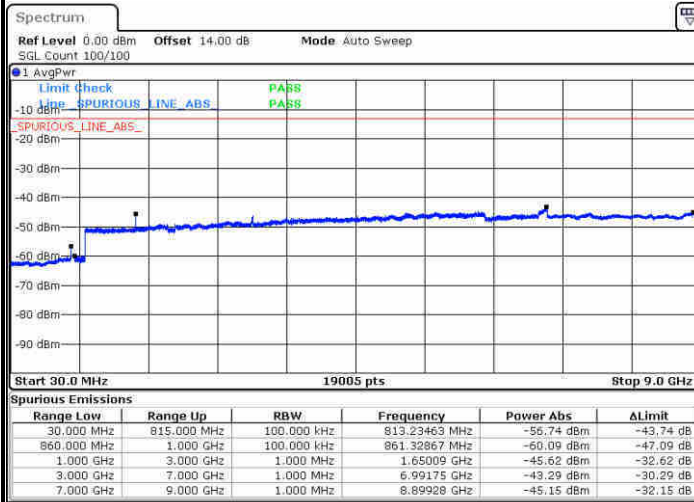




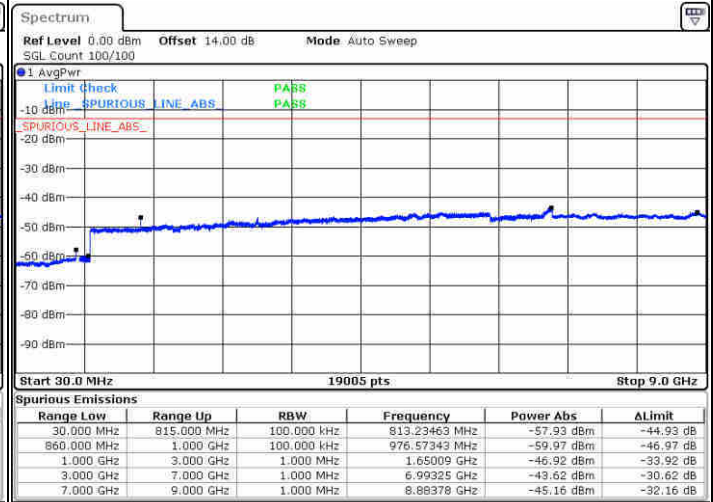
LTE Band 26 / 15MHz

Lowest Channel / QPSK



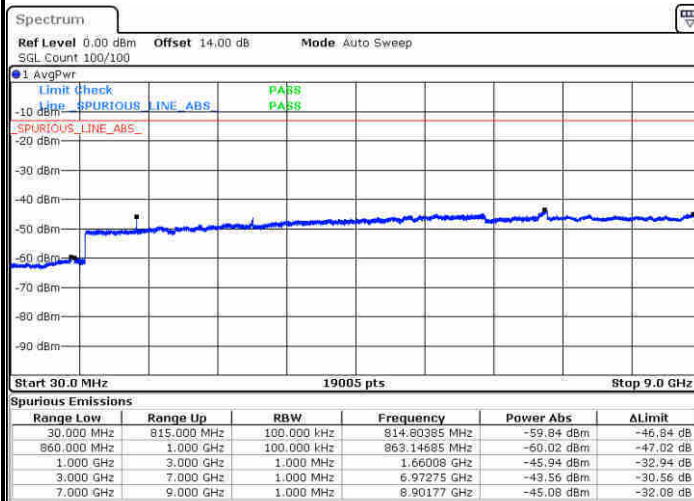
Date: 9 JUN 2020 05:44:34

Lowest Channel / 16QAM



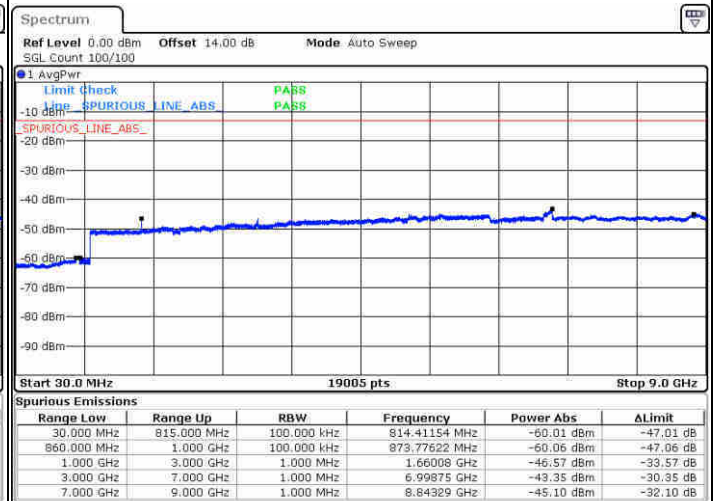
Date: 9 JUN 2020 05:45:03

Middle Channel / QPSK



Date: 9 JUN 2020 05:45:32

Middle Channel / 16QAM

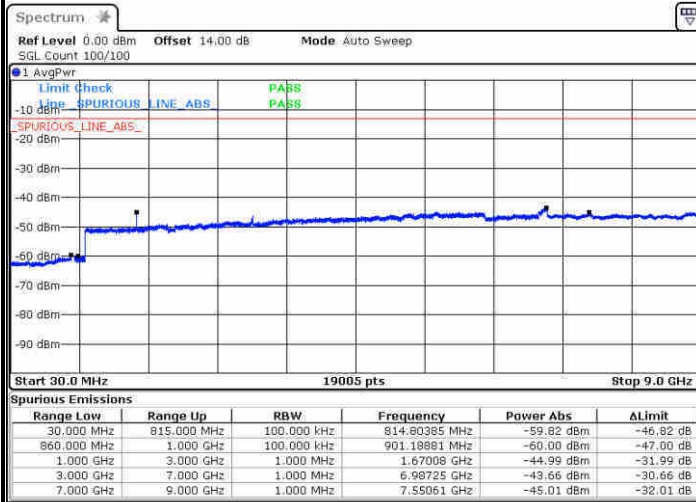


Date: 9 JUN 2020 05:46:02



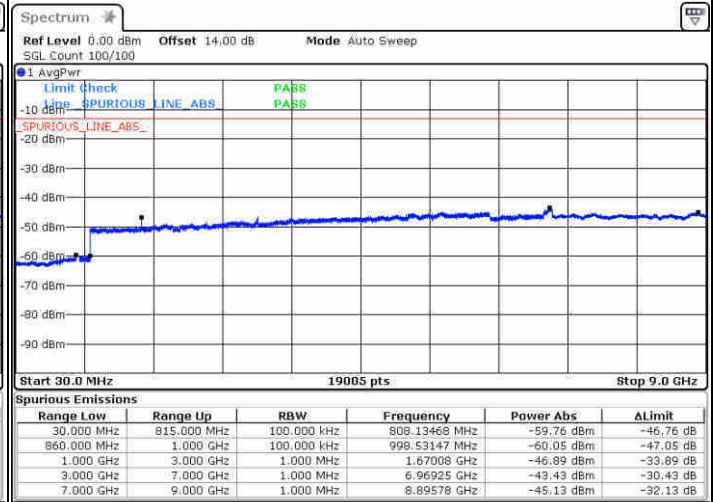
LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 9 JUN 2020 05:46:32

Highest Channel / 16QAM

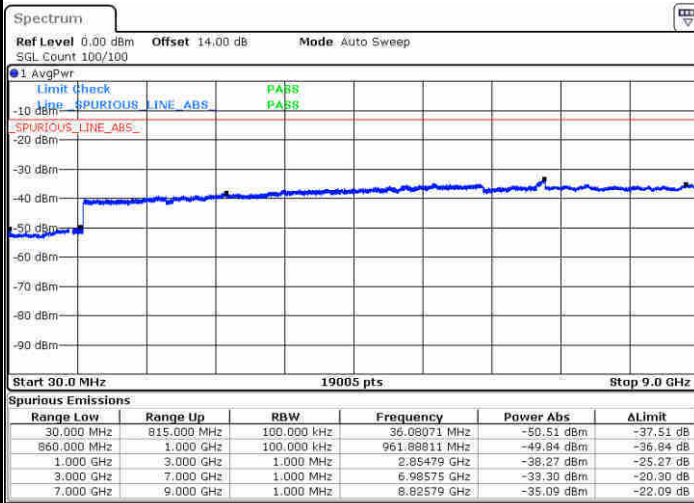


Date: 9 JUN 2020 05:47:01

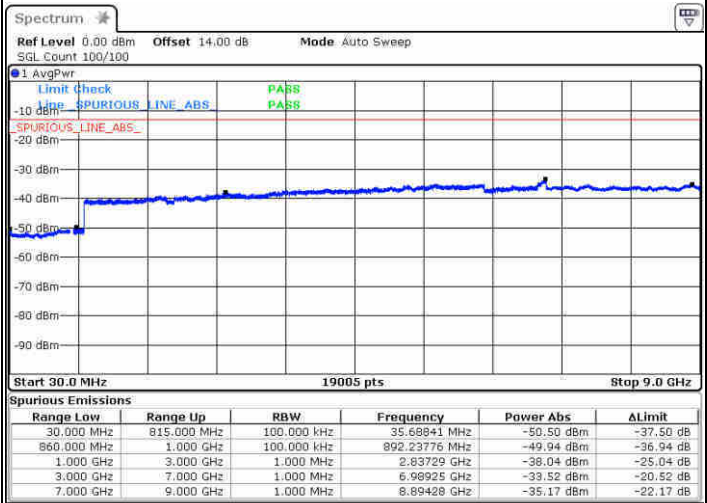


LTE Band 26 / 1.4MHz

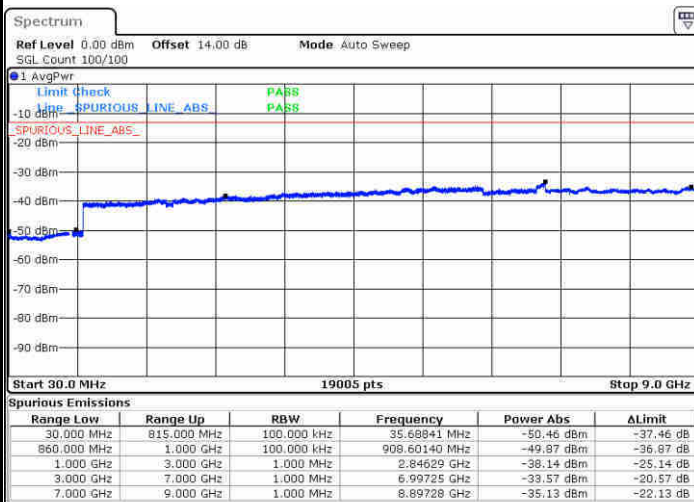
Lowest Channel / 64QAM



Middle Channel / 64QAM



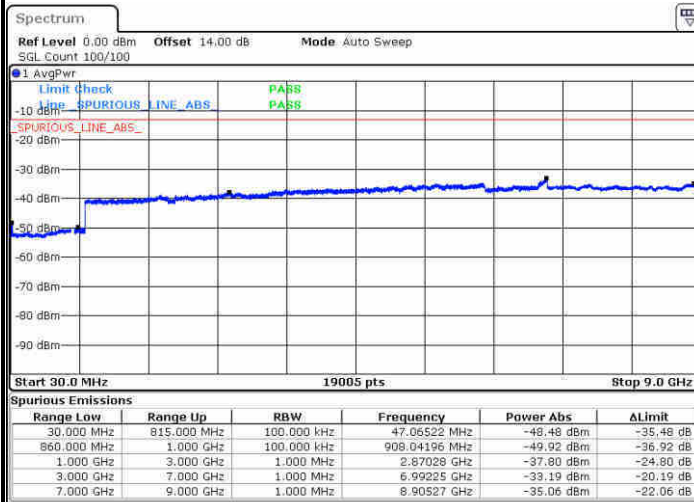
Highest Channel / 64QAM



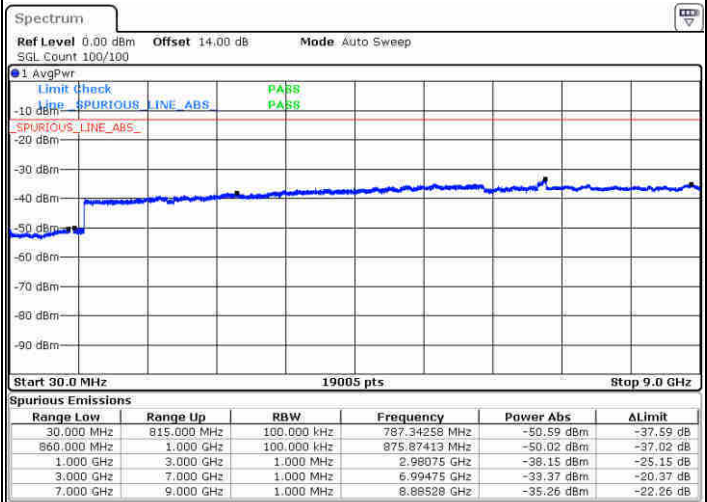


LTE Band 26 / 3MHz

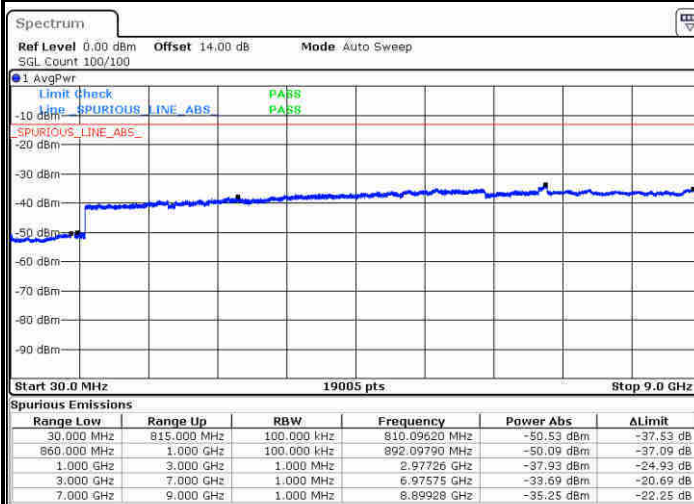
Lowest Channel / 64QAM



Middle Channel / 64QAM



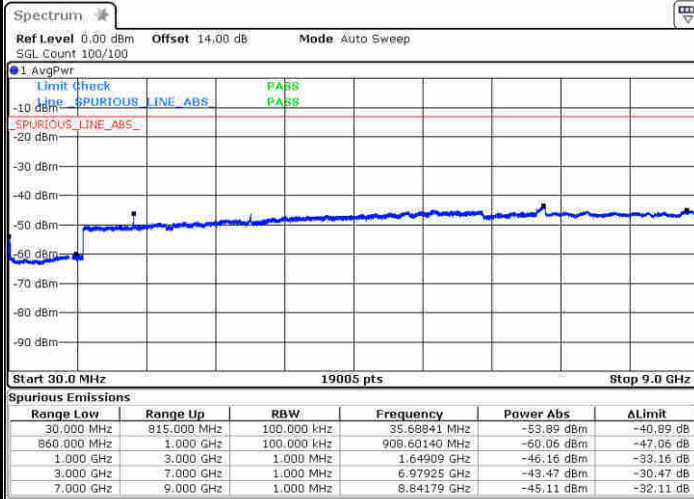
Highest Channel / 64QAM



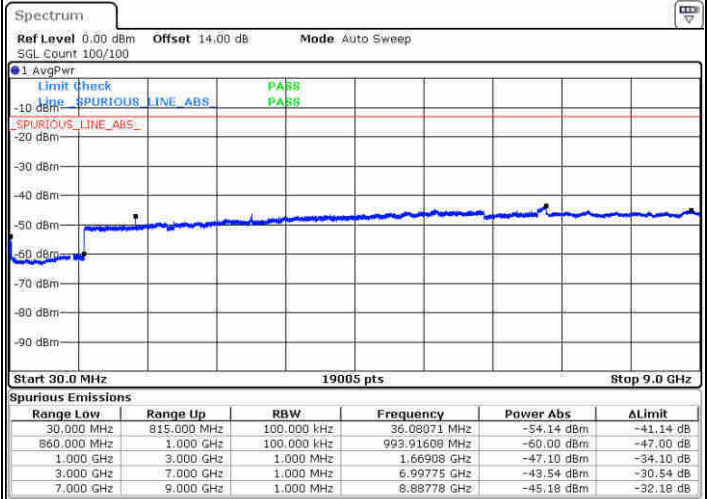


LTE Band 26 / 5MHz

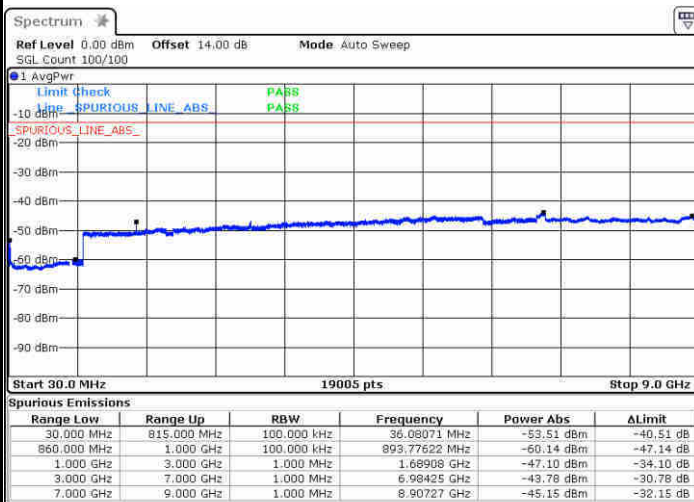
Lowest Channel / 64QAM



Middle Channel / 64QAM



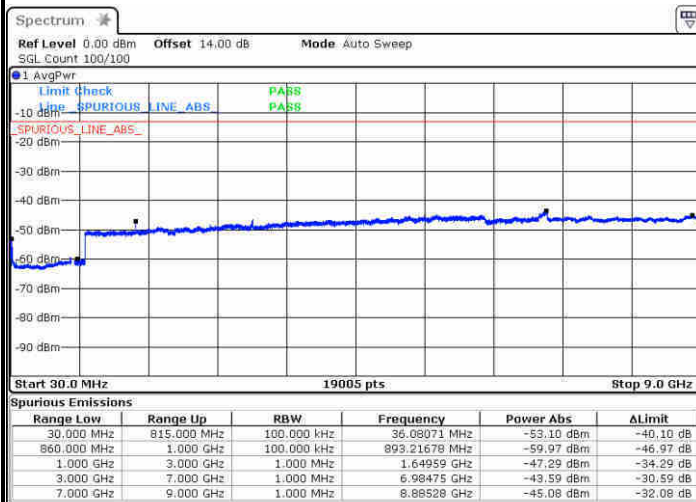
Highest Channel / 64QAM



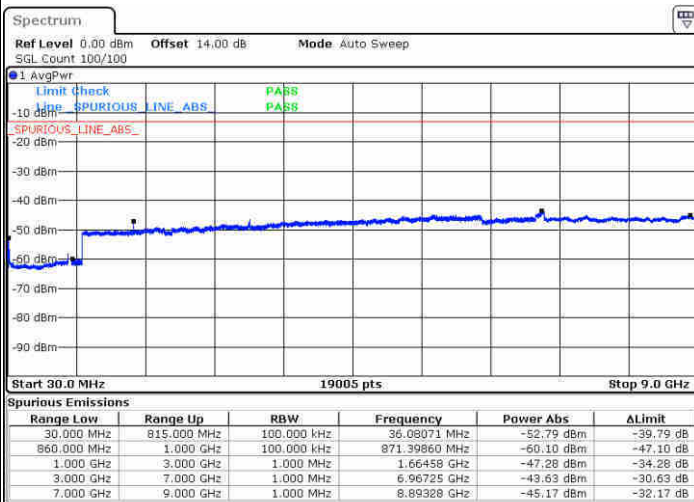


LTE Band 26 / 10MHz

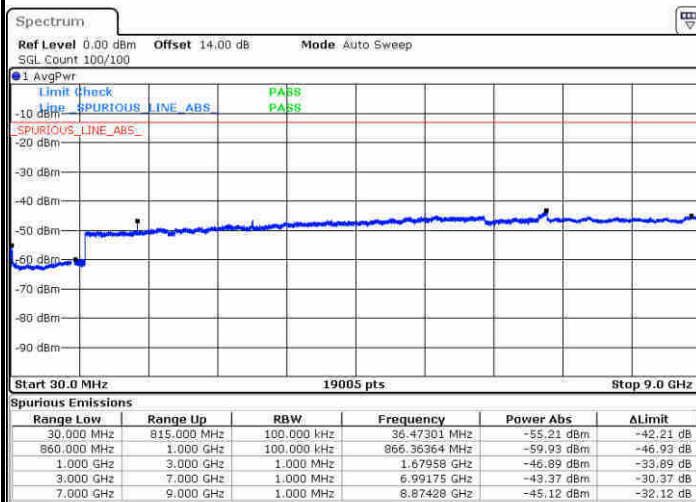
Lowest Channel / 64QAM



Middle Channel / 64QAM



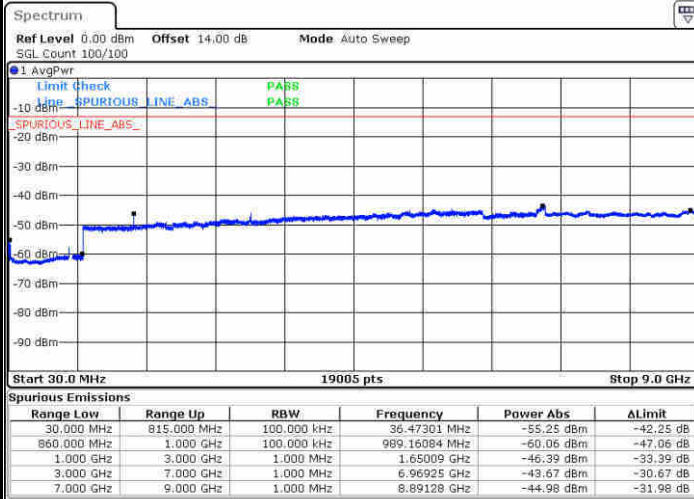
Highest Channel / 64QAM



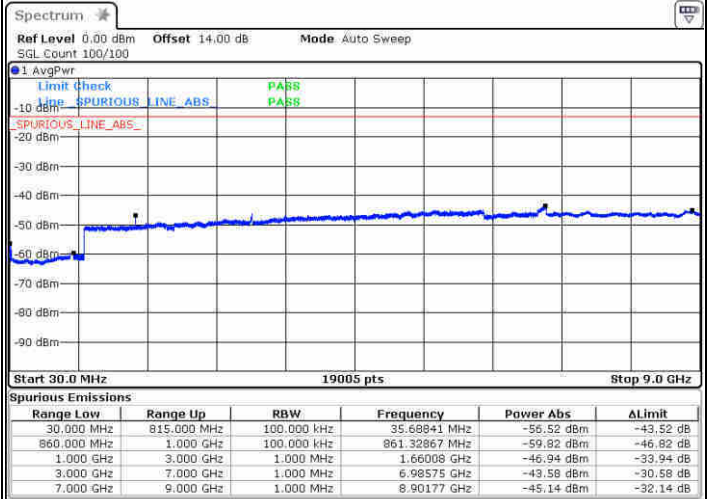


LTE Band 26 / 15MHz

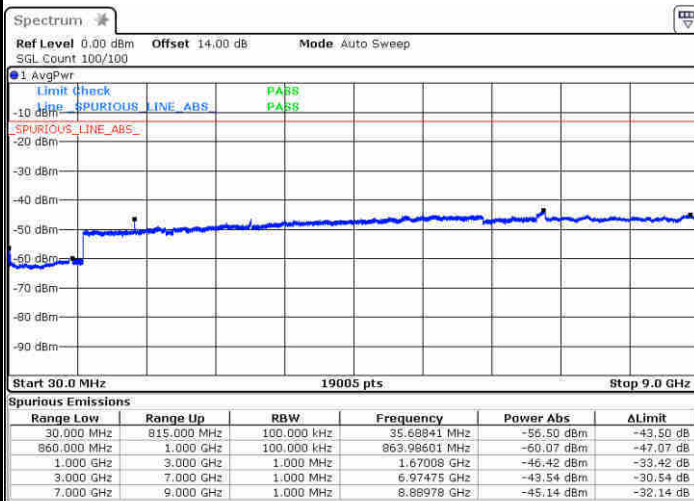
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM

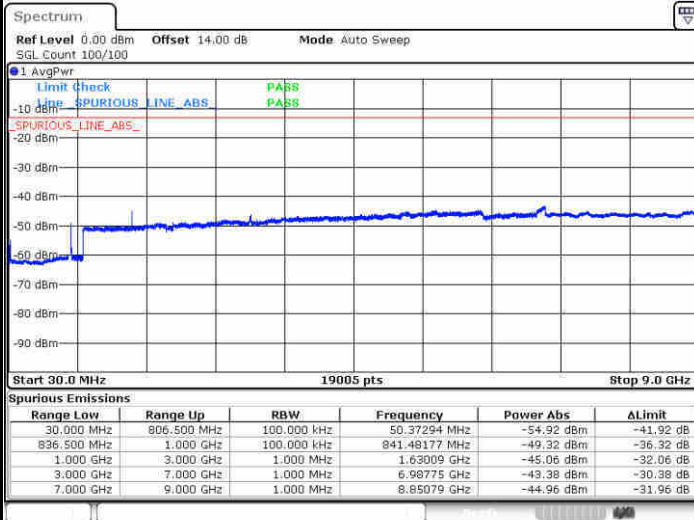


Date: 9. JUN. 2020 05:35:09



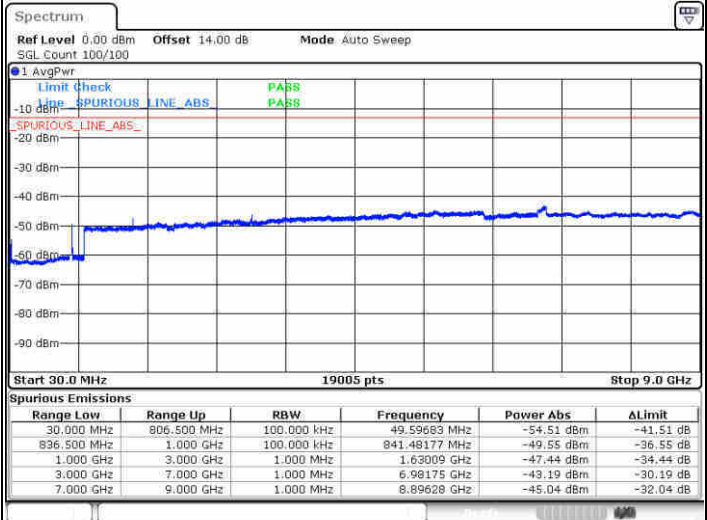
LTE Band 26 / 15MHz

CH26765 / QPSK



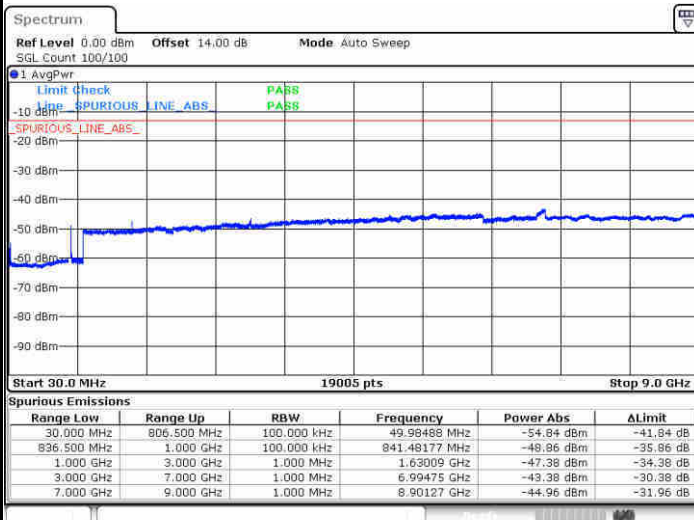
Date: 10 JUN 2020 01:35:26

CH26765 / 16QAM



Date: 10 JUN 2020 01:36:09

CH26765 / 64QAM



Date: 10 JUN 2020 01:39:47

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

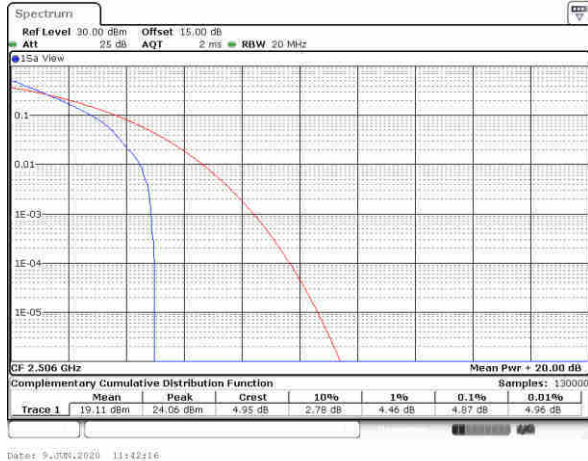
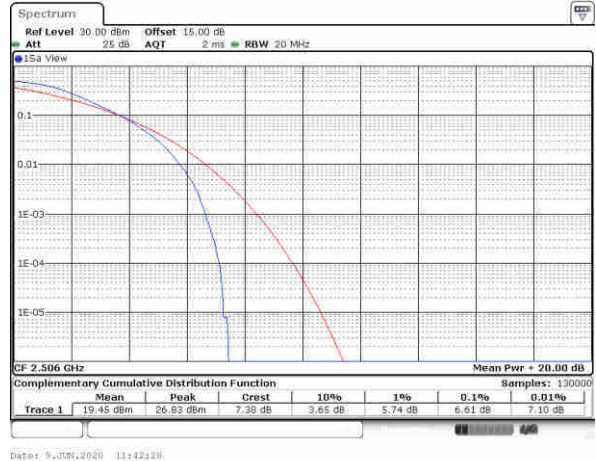
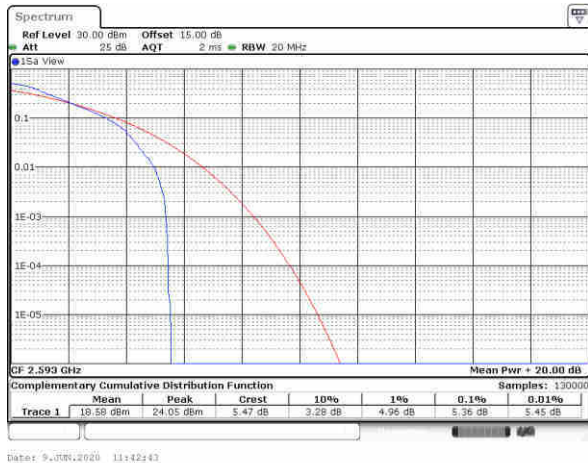
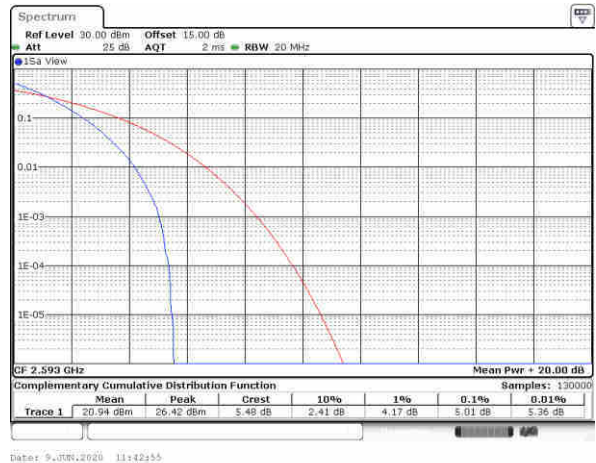
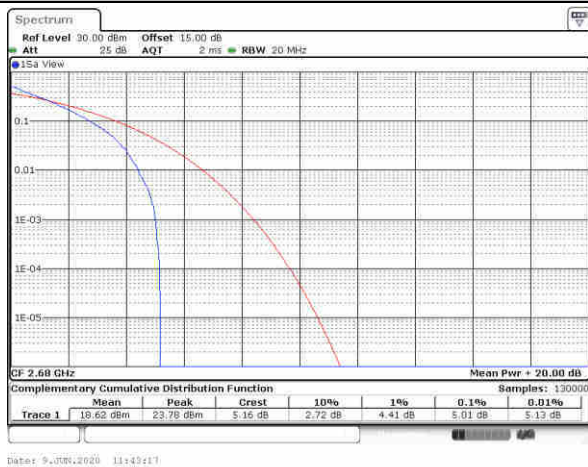
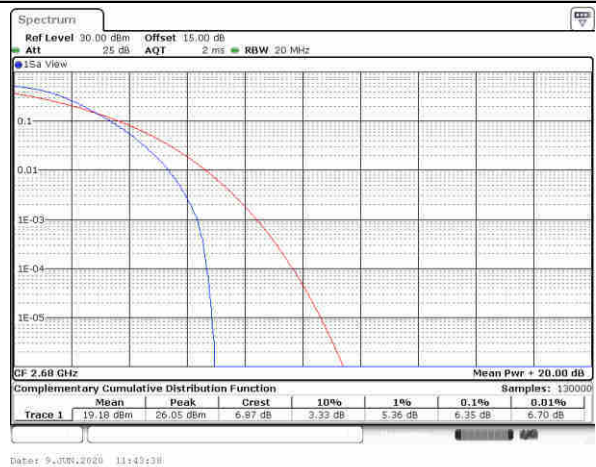
7. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
8. Note: The frequency fundamental emissions stay within the authorized frequency block.

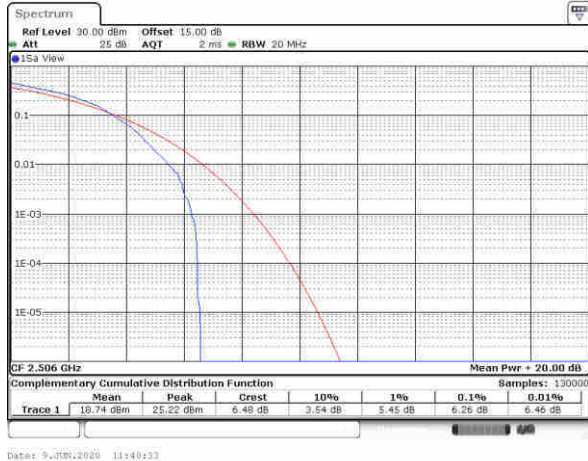


LTE Band 41

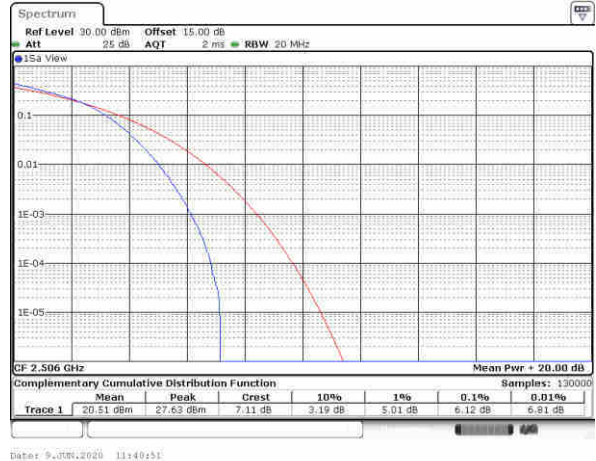
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.87	6.61	6.26	6.12	PASS
Middle CH	5.36	5.01	6.46	7.68	
Highest CH	5.01	6.35	6.23	6.93	
Mode	LTE Band 41 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.42	6.84	-	-	PASS
Middle CH	5.74	6.00	-	-	
Highest CH	5.88	7.36	-	-	

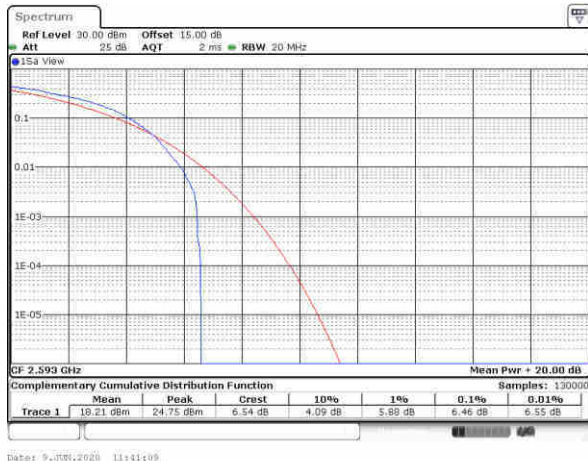
LTE Band 41 / 20MHz / QPSK
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB


LTE Band 41 / 20MHz / 16QAM
Lowest Channel / 1RB


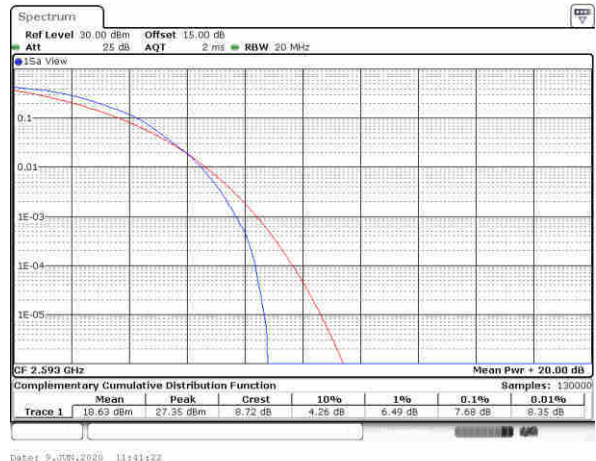
Date: 9, JUN, 2020 11:40:33

Lowest Channel / Full RB


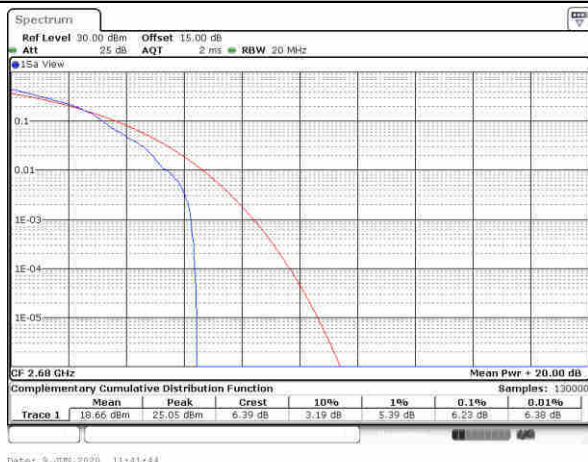
Date: 9, JUN, 2020 11:40:51

Middle Channel / 1RB


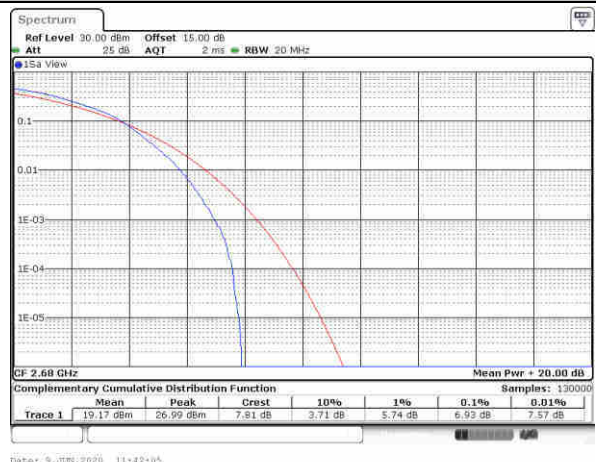
Date: 9, JUN, 2020 11:41:09

Middle Channel / Full RB


Date: 9, JUN, 2020 11:41:22

Highest Channel / 1RB


Date: 9, JUN, 2020 11:41:44

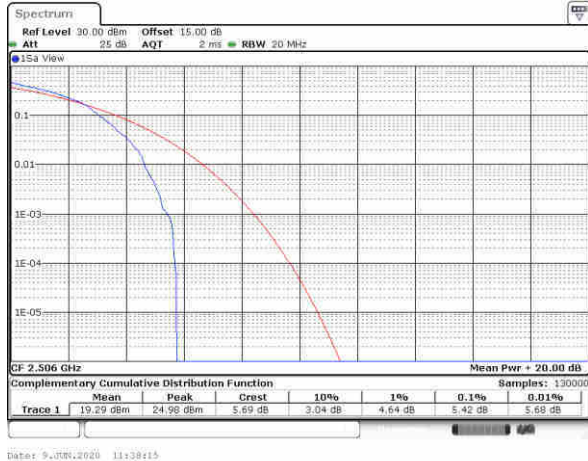
Highest Channel / Full RB


Date: 9, JUN, 2020 11:42:05

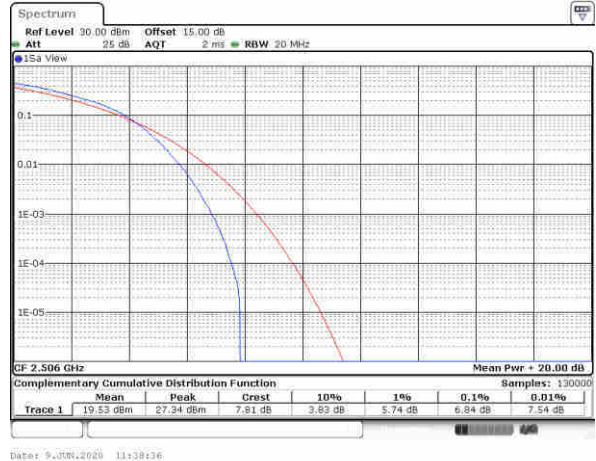


LTE Band 41 / 20MHz / 64QAM

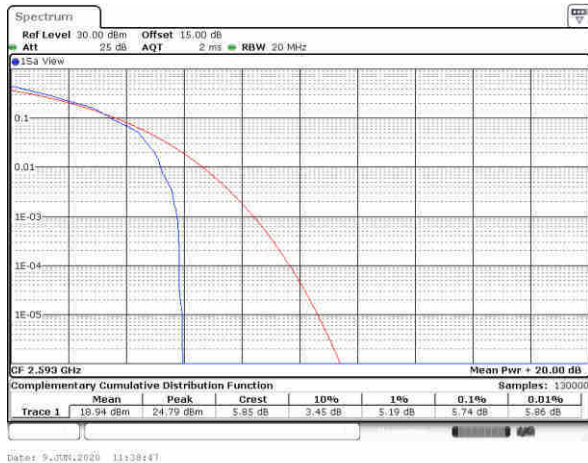
Lowest Channel / 1RB



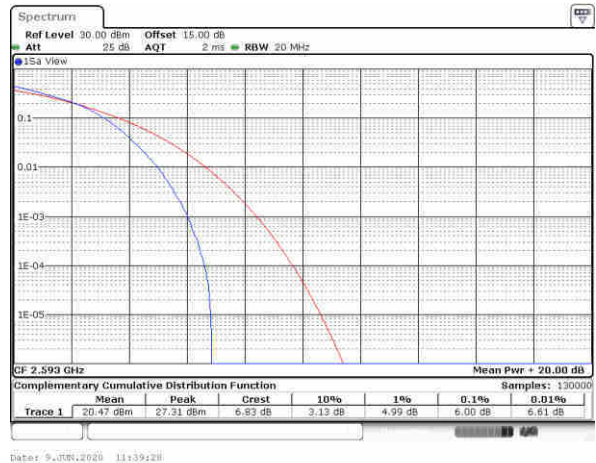
Lowest Channel / Full RB



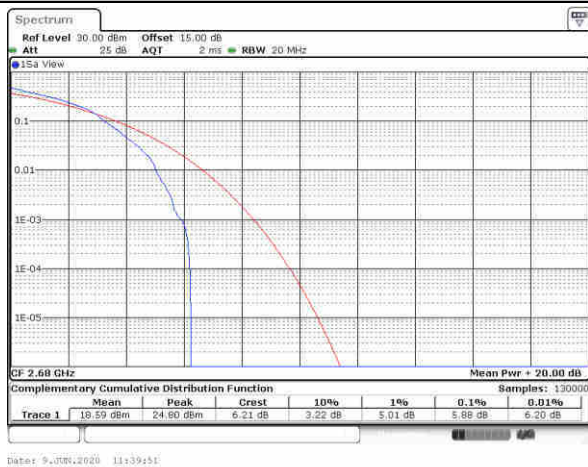
Middle Channel / 1RB



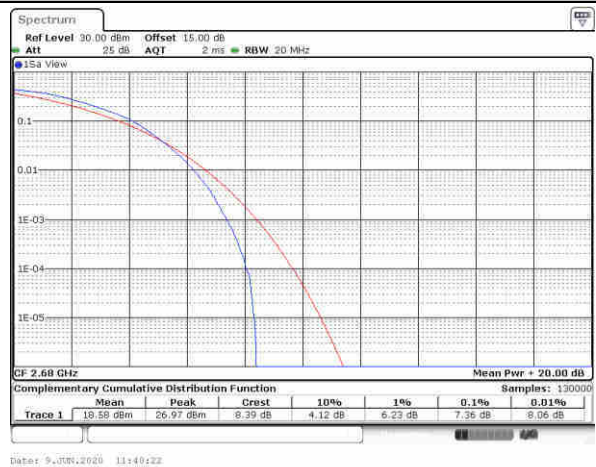
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



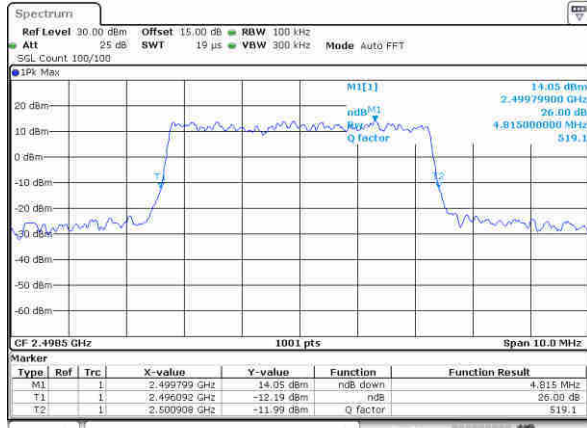
**26dB Bandwidth**

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
Lowest CH	-	-	-	-	4.82	4.89	9.67	9.63	14.12	14.21	18.78	18.94
Middle CH	-	-	-	-	4.81	4.86	9.75	9.65	14.33	14.48	18.90	18.70
Highest CH	-	-	-	-	4.85	4.82	9.75	9.75	14.51	14.24	18.82	18.74
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.75	-	9.69	-	14.24	-	18.90	-
Middle CH	-	-	-	-	4.76	-	9.61	-	14.45	-	18.70	-
Highest CH	-	-	-	-	4.79	-	9.79	-	14.21	-	18.86	-



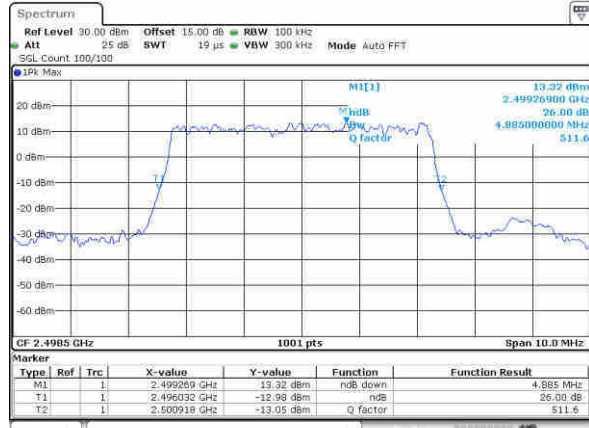
LTE Band 41

Lowest Channel / 5MHz / QPSK



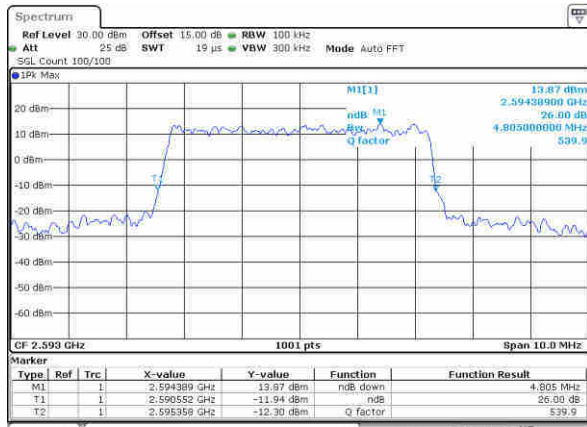
Date: 9, JUN, 2020 11:25:10

Lowest Channel / 5MHz / 16QAM



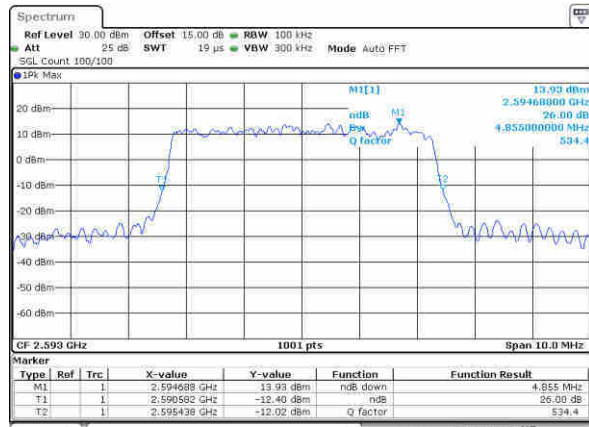
Date: 9, JUN, 2020 11:25:21

Middle Channel / 5MHz / QPSK



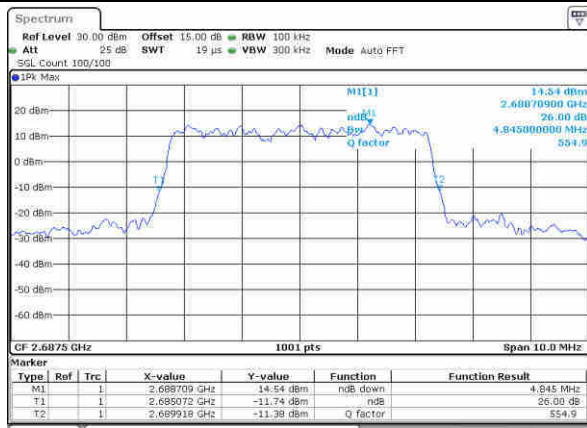
Date: 9, JUN, 2020 11:25:54

Middle Channel / 5MHz / 16QAM



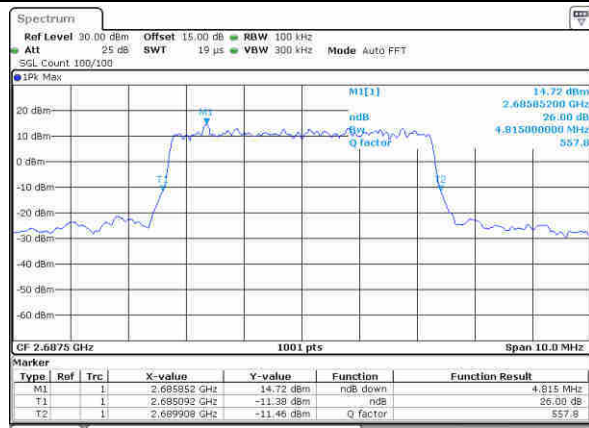
Date: 9, JUN, 2020 11:26:05

Highest Channel / 5MHz / QPSK



Date: 9, JUN, 2020 11:26:38

Highest Channel / 5MHz / 16QAM

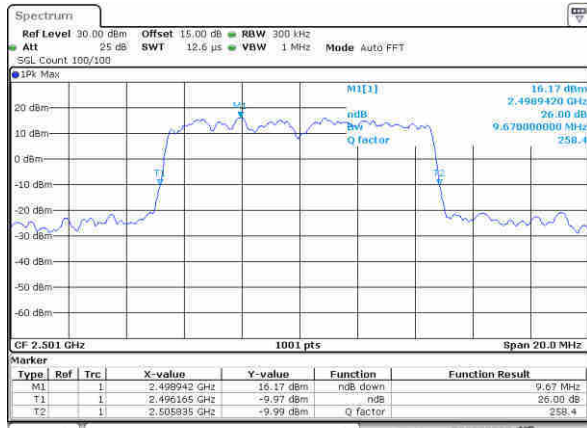


Date: 9, JUN, 2020 11:26:49



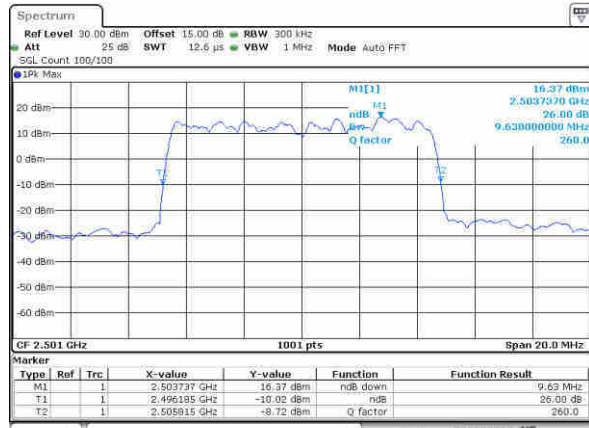
LTE Band 41

Lowest Channel / 10MHz / QPSK



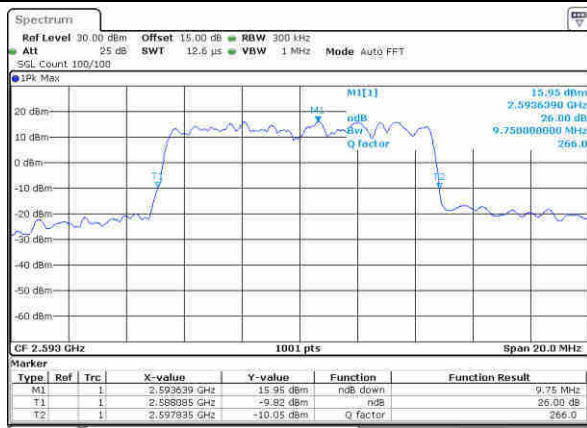
Date: 9, JUN, 2020 11:27:22

Lowest Channel / 10MHz / 16QAM



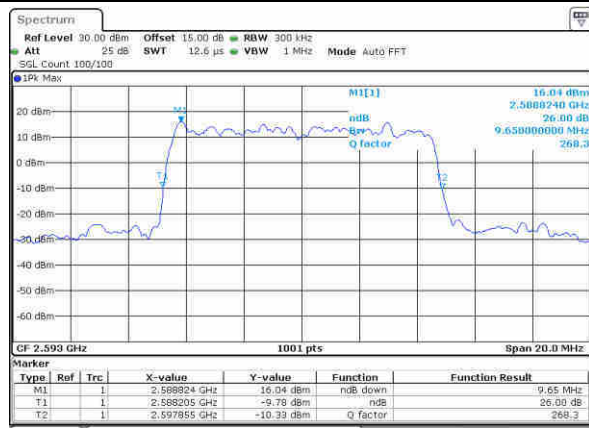
Date: 9, JUN, 2020 11:27:33

Middle Channel / 10MHz / QPSK



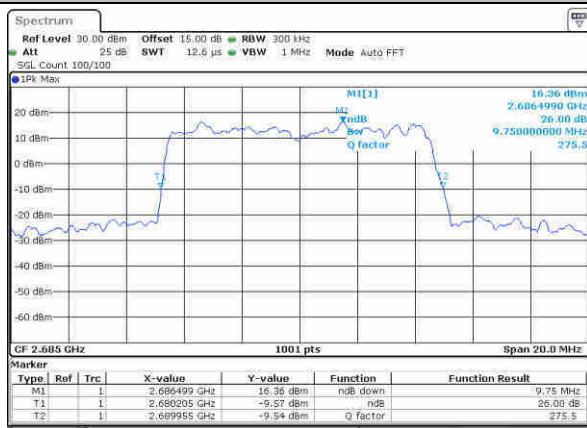
Date: 9, JUN, 2020 11:28:06

Middle Channel / 10MHz / 16QAM



Date: 9, JUN, 2020 11:28:08

Highest Channel / 10MHz / QPSK



Date: 9, JUN, 2020 11:28:51

Highest Channel / 10MHz / 16QAM

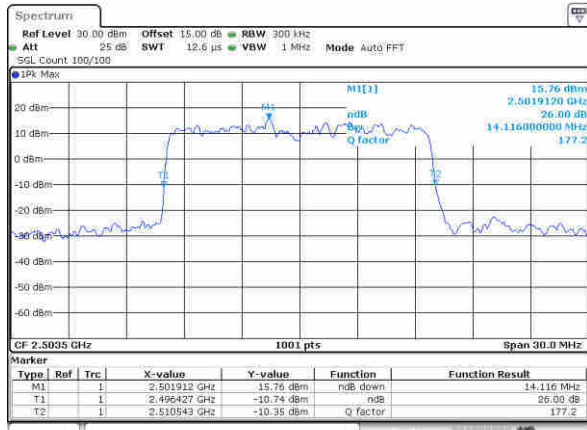


Date: 9, JUN, 2020 11:29:02



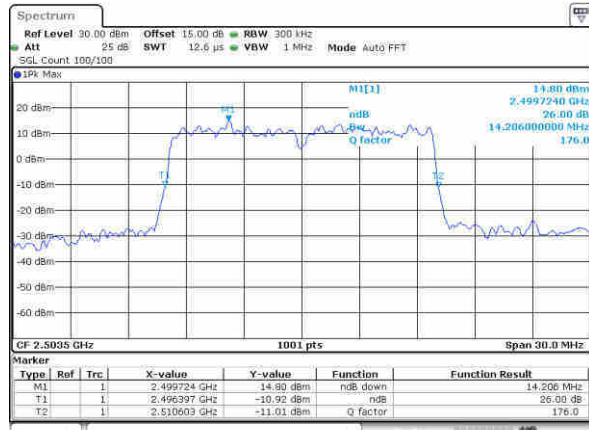
LTE Band 41

Lowest Channel / 15MHz / QPSK



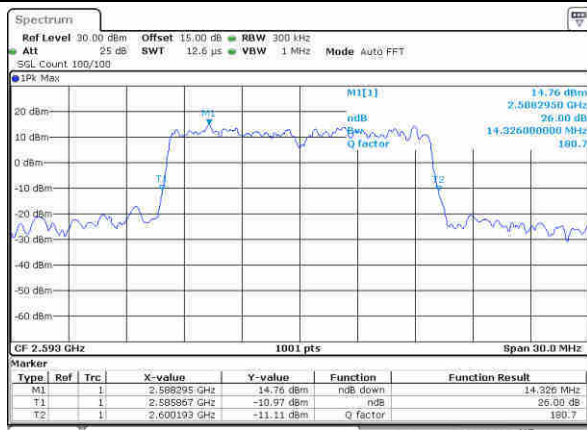
Date: 9, JUN, 2020 11:29:35

Lowest Channel / 15MHz / 16QAM



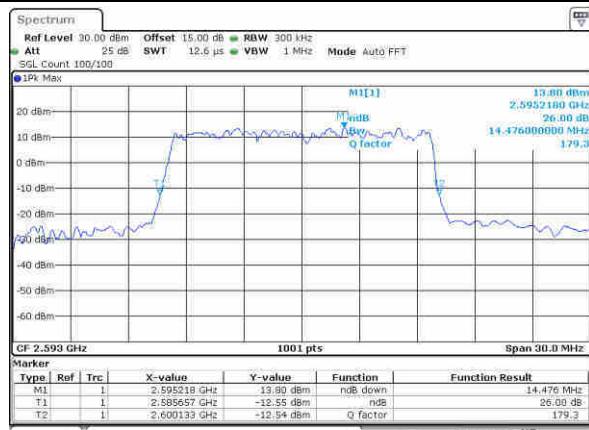
Date: 9, JUN, 2020 11:29:46

Middle Channel / 15MHz / QPSK



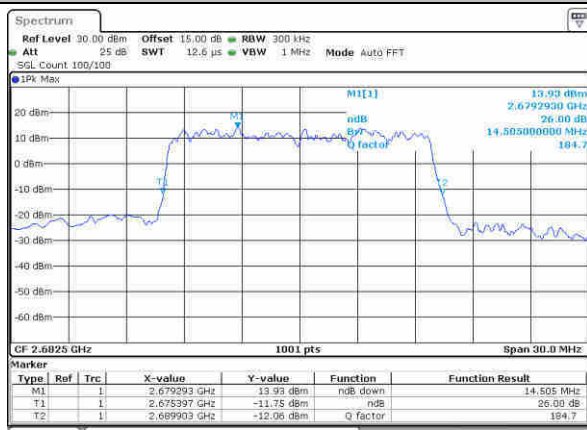
Date: 9, JUN, 2020 11:30:19

Middle Channel / 15MHz / 16QAM



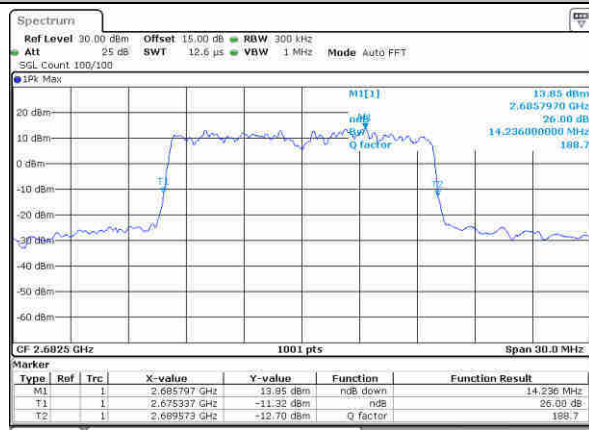
Date: 9, JUN, 2020 11:30:30

Highest Channel / 15MHz / QPSK



Date: 9, JUN, 2020 11:31:03

Highest Channel / 15MHz / 16QAM

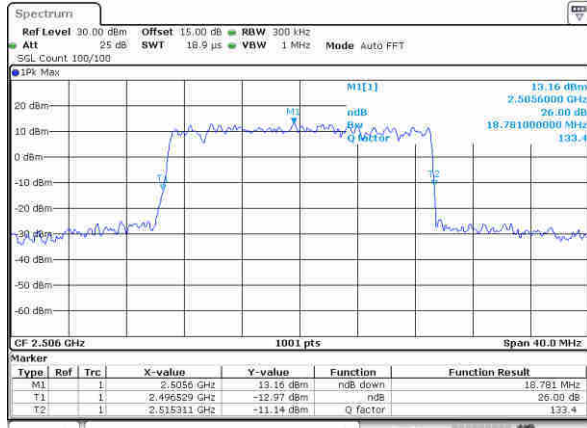


Date: 9, JUN, 2020 11:31:14

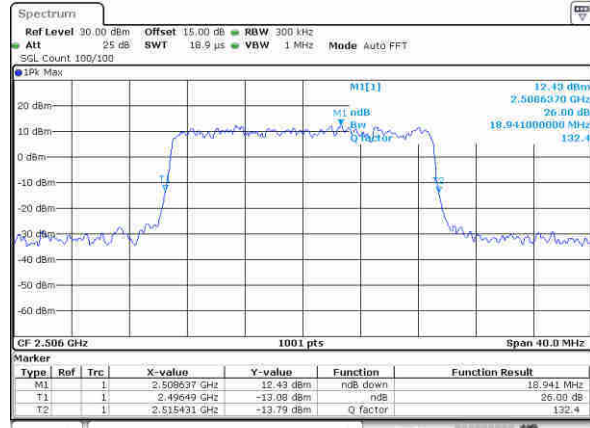


LTE Band 41

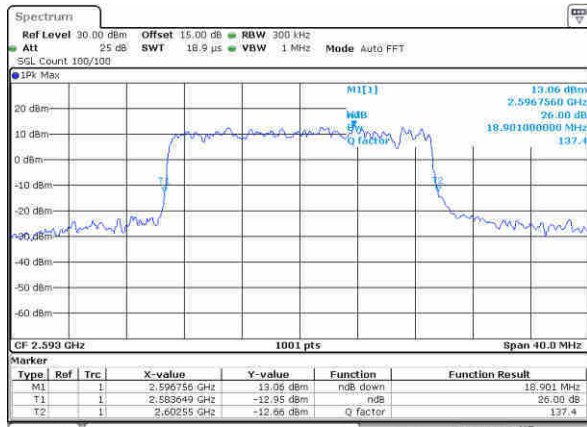
Lowest Channel / 20MHz / QPSK



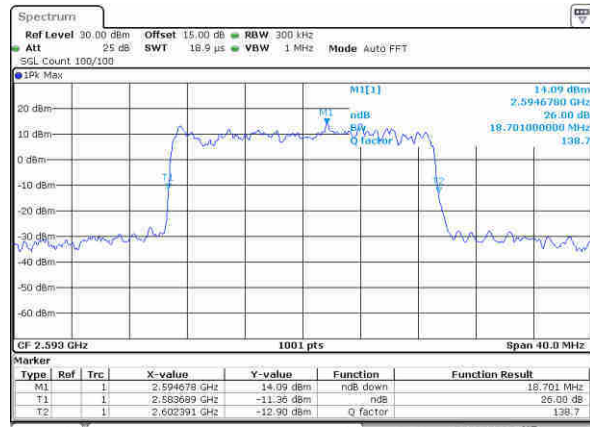
Lowest Channel / 20MHz / 16QAM



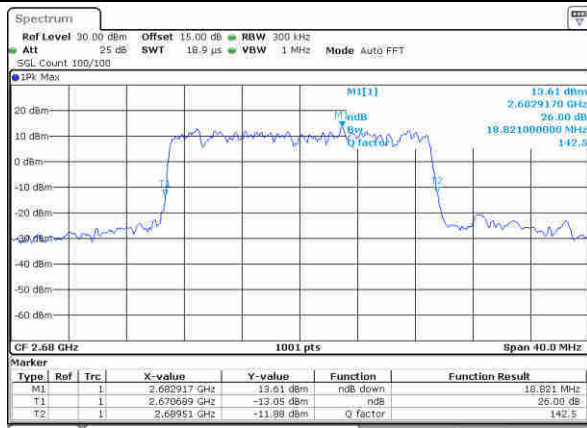
Middle Channel / 20MHz / QPSK



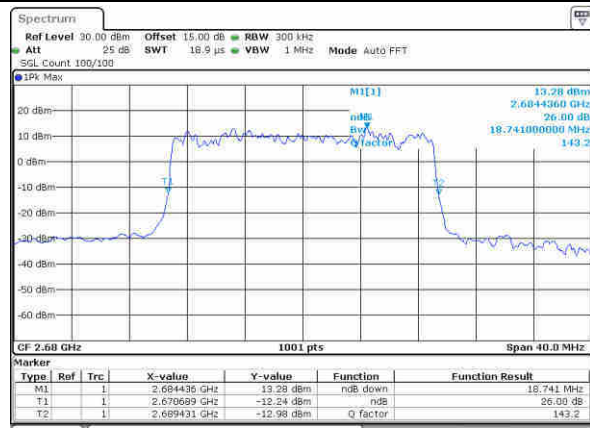
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



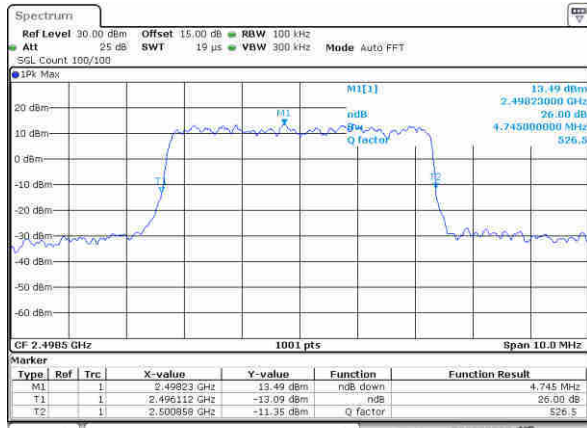
Highest Channel / 20MHz / 16QAM





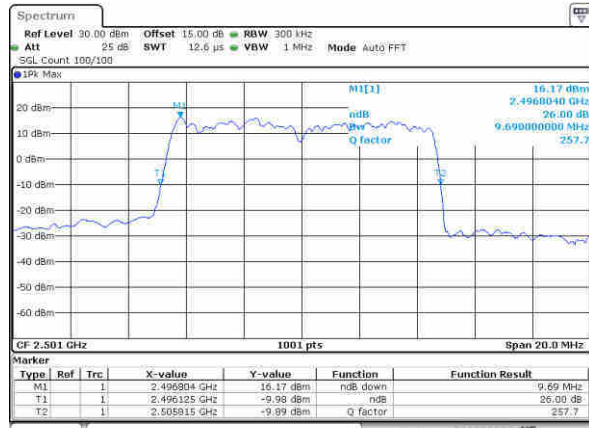
LTE Band 41

Lowest Channel / 5MHz / 64QAM



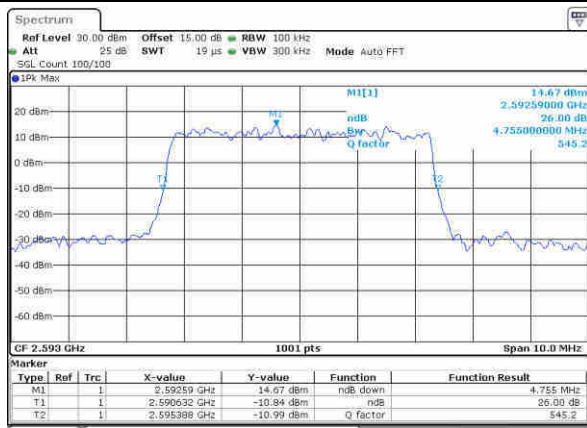
Date: 9, JUN, 2020 11:33:48

Lowest Channel / 10MHz / 64QAM



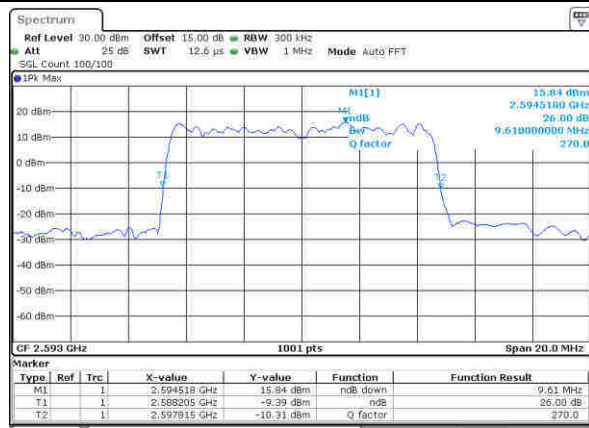
Date: 9, JUN, 2020 11:34:54

Middle Channel / 5MHz / 64QAM



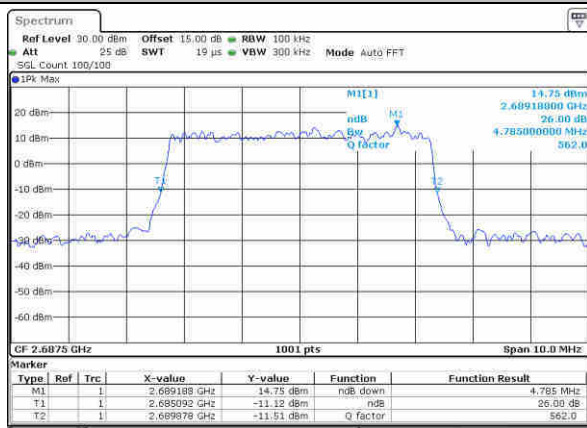
Date: 9, JUN, 2020 11:34:10

Middle Channel / 10MHz / 64QAM



Date: 9, JUN, 2020 11:35:16

Highest Channel / 5MHz / 64QAM

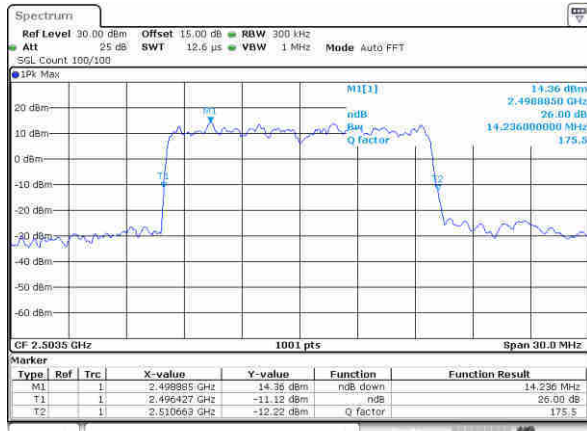
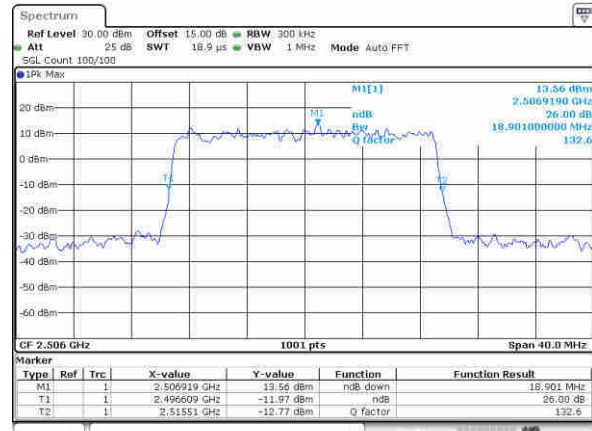
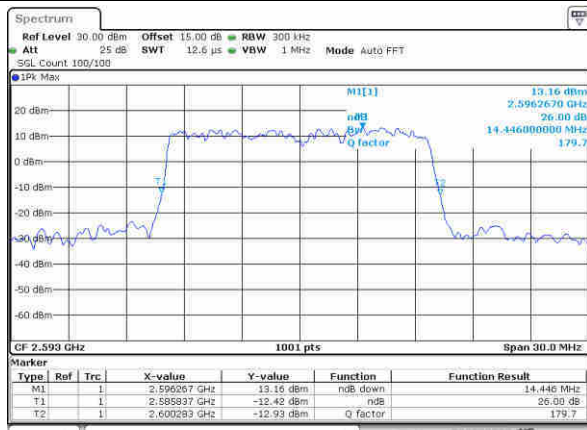
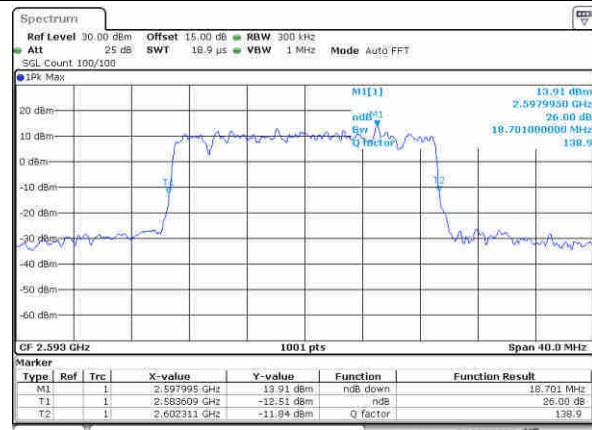
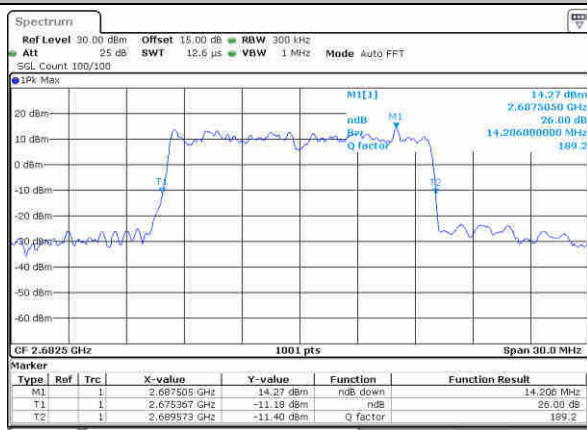
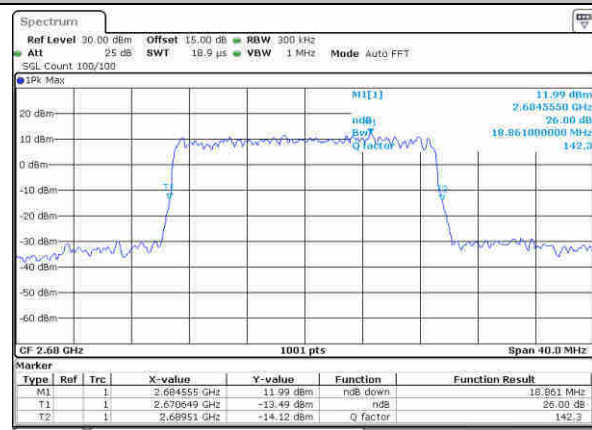


Date: 9, JUN, 2020 11:34:32

Highest Channel / 10MHz / 64QAM



Date: 9, JUN, 2020 11:35:18

LTE Band 41
Lowest Channel / 15MHz / 64QAM

Lowest Channel / 20MHz / 64QAM

Middle Channel / 15MHz / 64QAM

Middle Channel / 20MHz / 64QAM

Highest Channel / 15MHz / 64QAM

Highest Channel / 20MHz / 64QAM


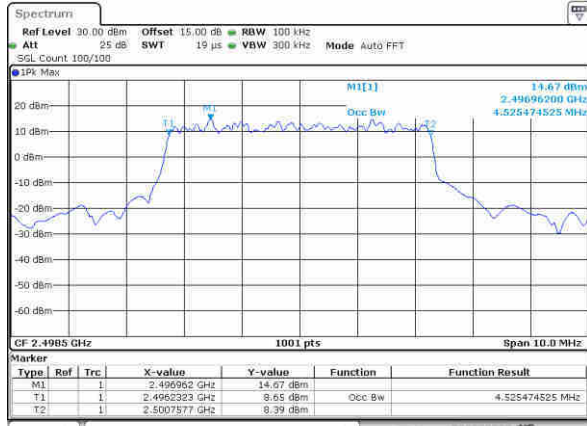
**Occupied Bandwidth**

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
Lowest CH	-	-	-	-	4.53	4.50	9.01	8.99	13.43	13.40	17.86	17.86
Middle CH	-	-	-	-	4.48	4.48	9.03	9.05	13.43	13.40	17.94	17.82
Highest CH	-	-	-	-	4.51	4.51	9.05	9.11	13.40	13.52	17.86	17.82
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.48	-	9.07	-	13.58	-	17.98	-
Middle CH	-	-	-	-	4.47	-	9.07	-	13.43	-	17.82	-
Highest CH	-	-	-	-	4.47	-	9.09	-	13.49	-	17.78	-



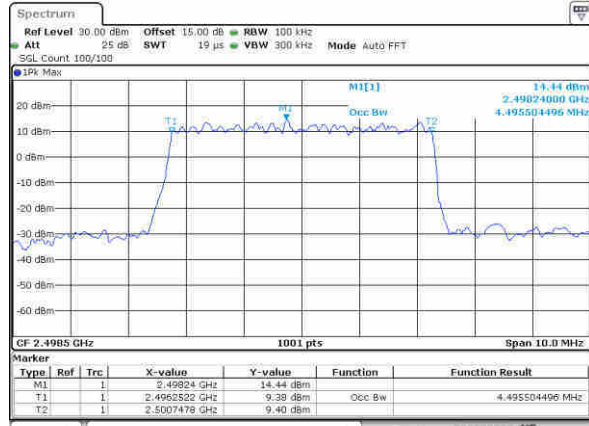
LTE Band 41

Lowest Channel / 5MHz / QPSK



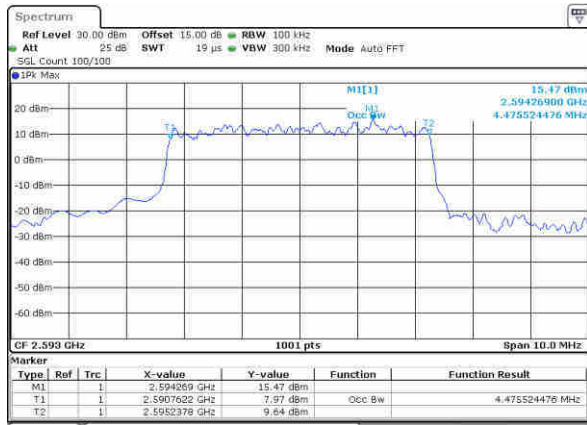
Date: 9, JUN, 2020 11:24:48

Lowest Channel / 5MHz / 16QAM



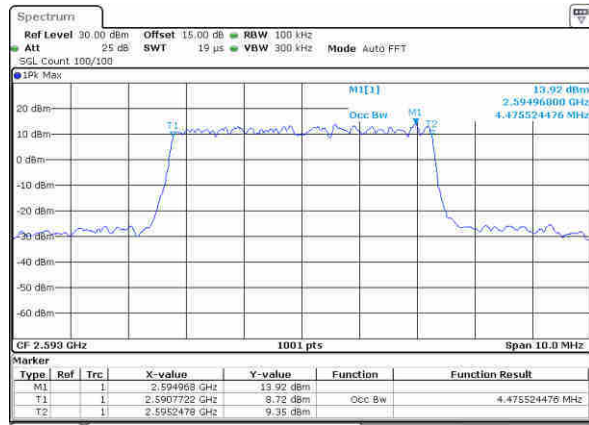
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Middle Channel / 5MHz / QPSK



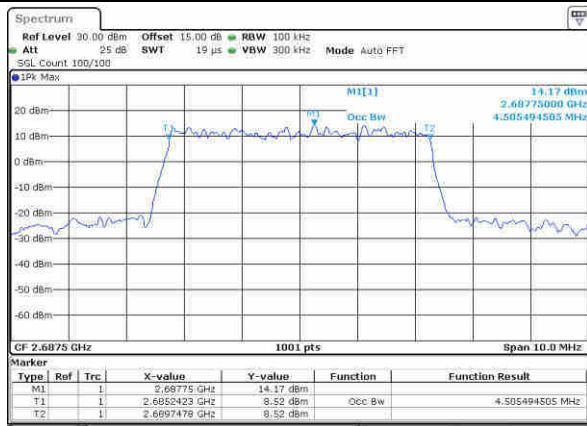
Date: 9, JUN, 2020 11:25:32

Middle Channel / 5MHz / 16QAM



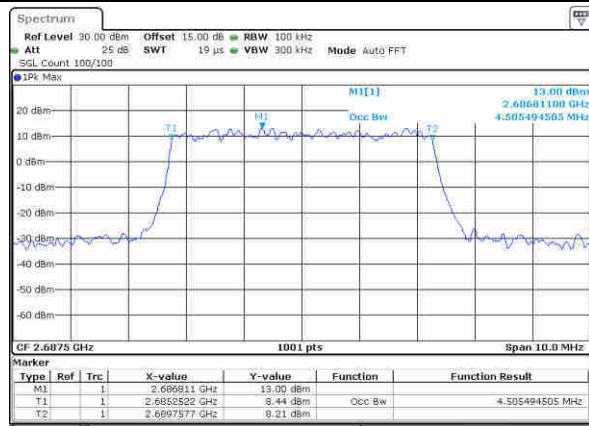
Date: 9, JUN, 2020 11:25:43

Highest Channel / 5MHz / QPSK



Date: 9, JUN, 2020 11:26:16

Highest Channel / 5MHz / 16QAM

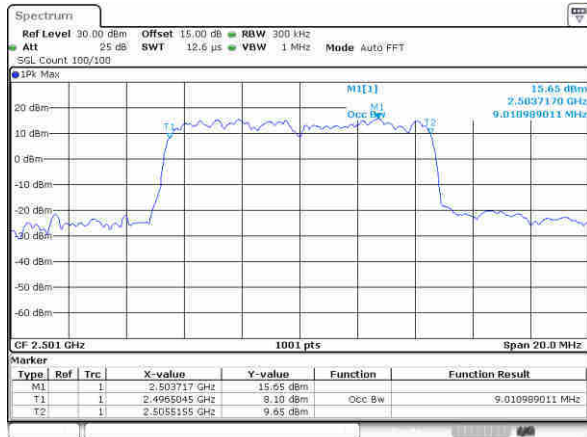


Date: 9, JUN, 2020 11:26:27

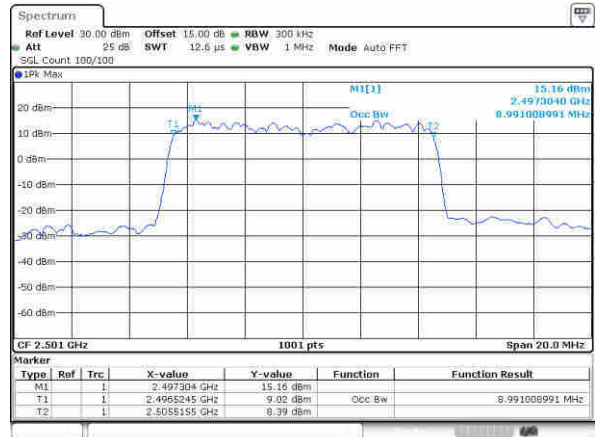


LTE Band 41

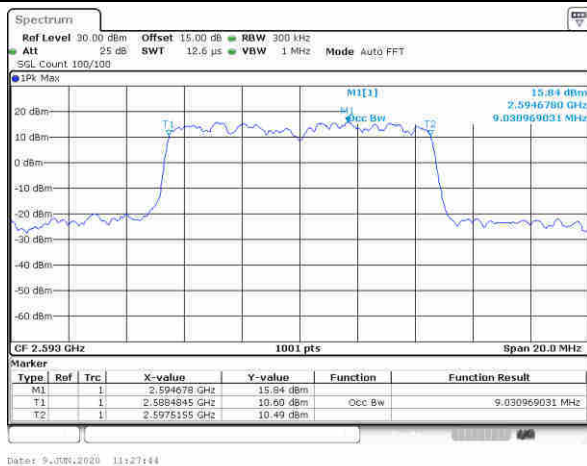
Lowest Channel / 10MHz / QPSK



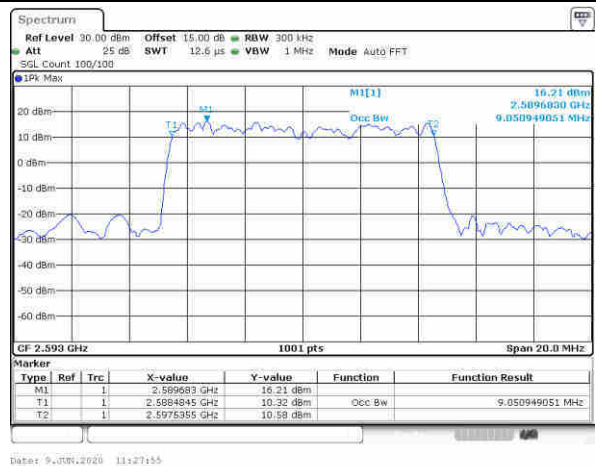
Lowest Channel / 10MHz / 16QAM



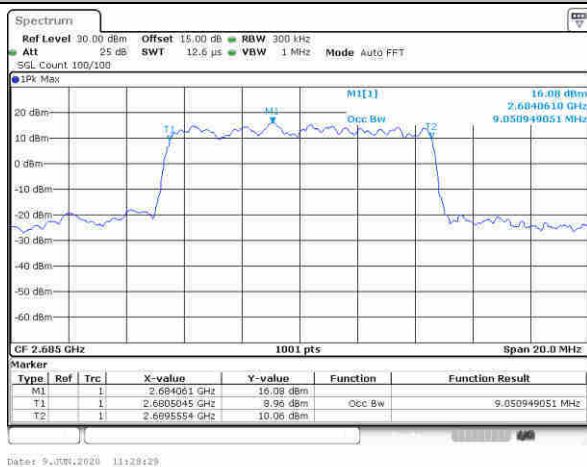
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



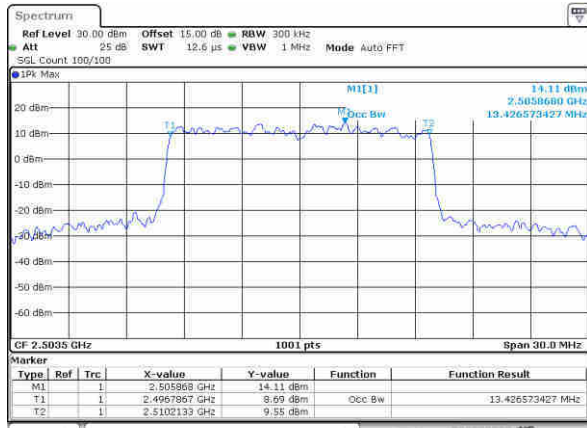
Highest Channel / 10MHz / 16QAM





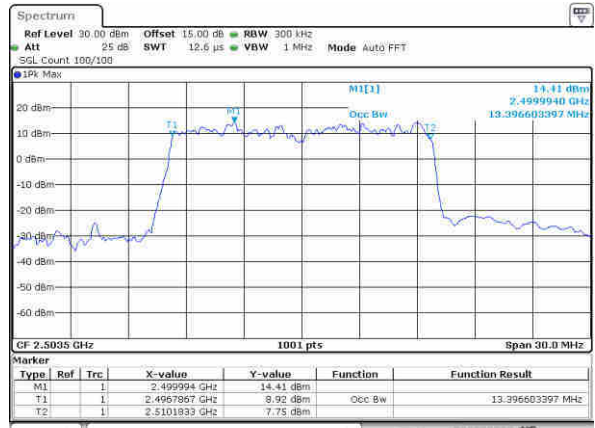
LTE Band 41

Lowest Channel / 15MHz / QPSK



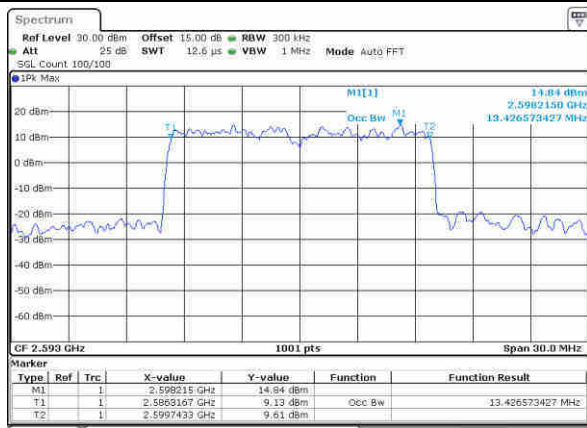
Date: 9, JUN, 2020 11:29:13

Lowest Channel / 15MHz / 16QAM



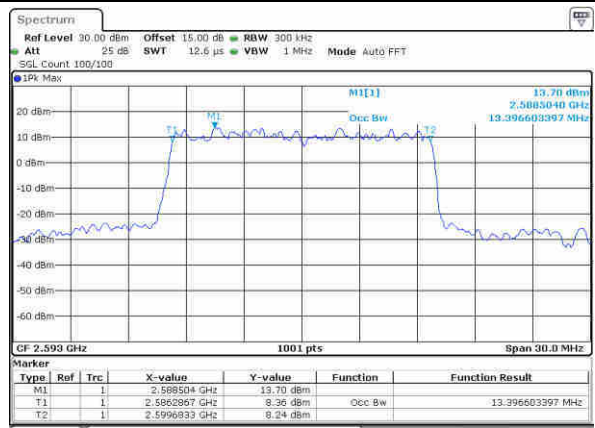
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Middle Channel / 15MHz / QPSK



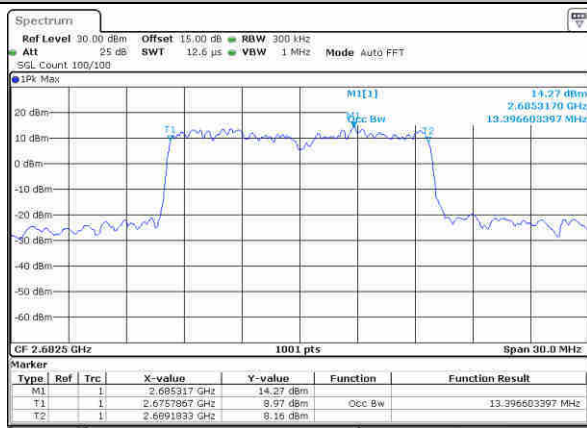
Date: 9, JUN, 2020 11:29:51

Middle Channel / 15MHz / 16QAM



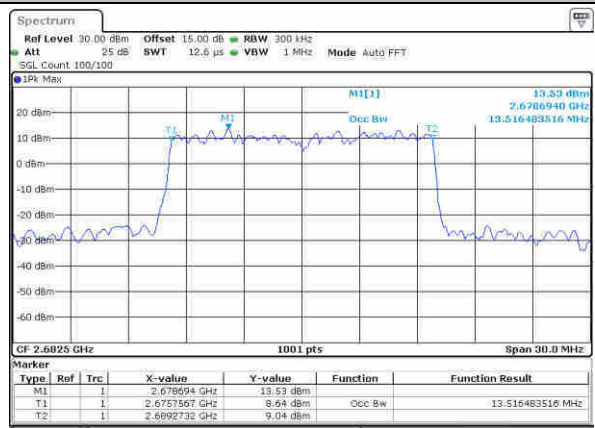
Date: 9, JUN, 2020 11:30:06

Highest Channel / 15MHz / QPSK



Date: 9, JUN, 2020 11:30:41

Highest Channel / 15MHz / 16QAM

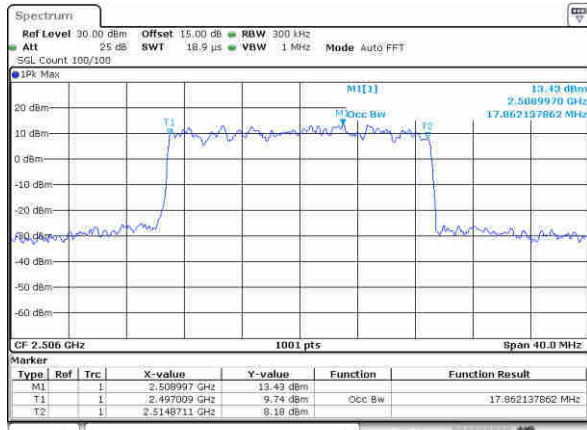


Date: 9, JUN, 2020 11:30:52



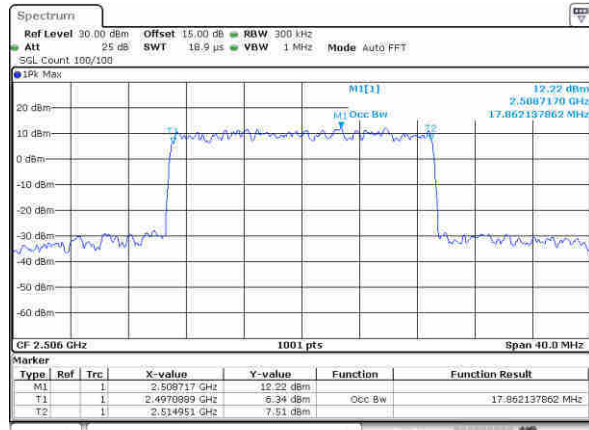
LTE Band 41

Lowest Channel / 20MHz / QPSK



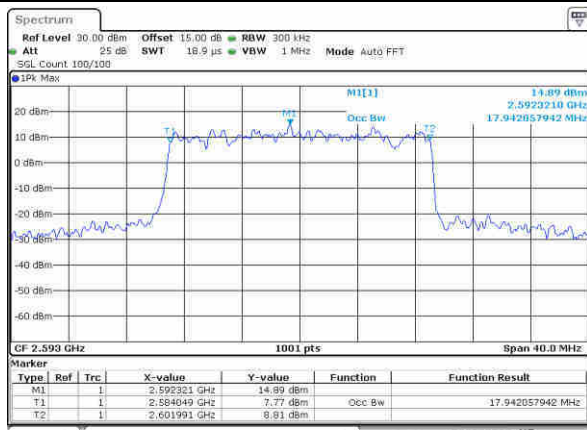
Date: 9, JUN, 2020 11:31:25

Lowest Channel / 20MHz / 16QAM



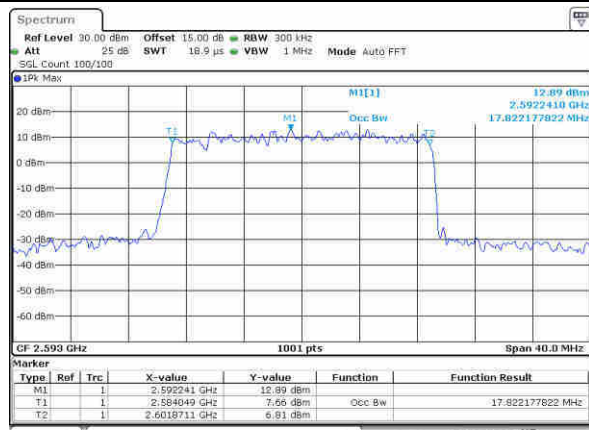
Date: 9, JUN, 2020 11:31:36

Middle Channel / 20MHz / QPSK



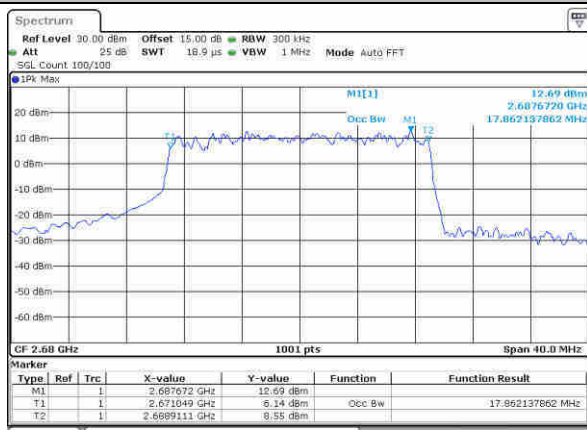
Date: 9, JUN, 2020 11:32:05

Middle Channel / 20MHz / 16QAM



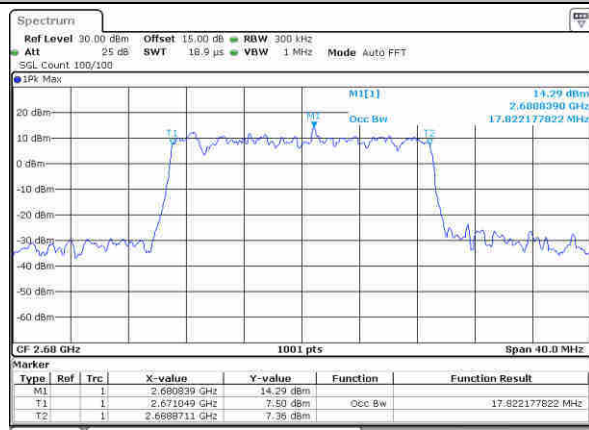
Date: 9, JUN, 2020 11:32:20

Highest Channel / 20MHz / QPSK



Date: 9, JUN, 2020 11:32:53

Highest Channel / 20MHz / 16QAM

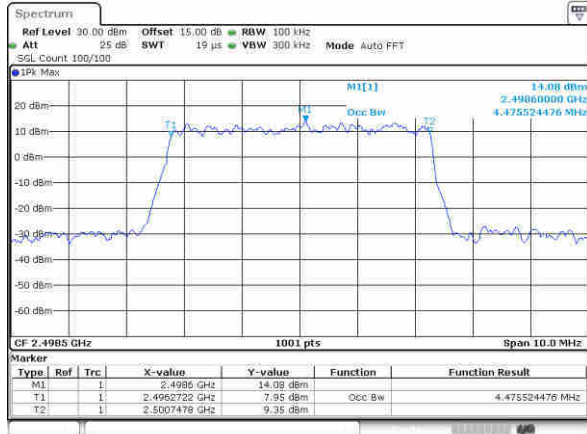


Date: 9, JUN, 2020 11:33:04

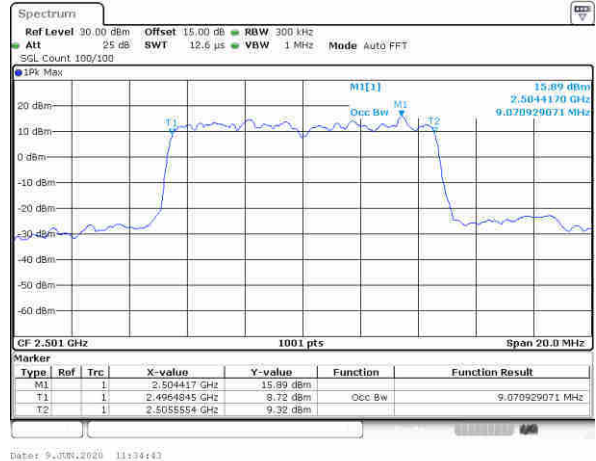


LTE Band 41

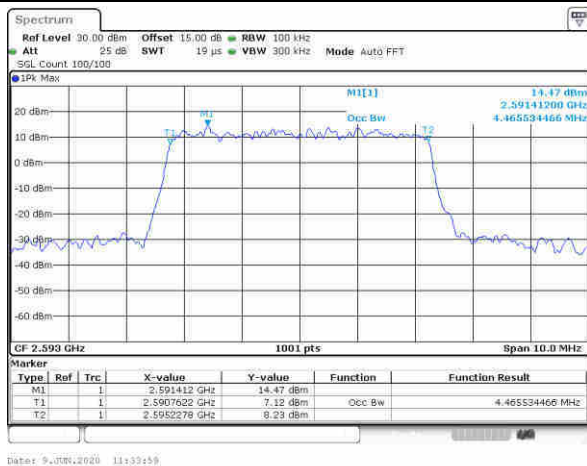
Lowest Channel / 5MHz / 64QAM



Lowest Channel / 10MHz / 64QAM



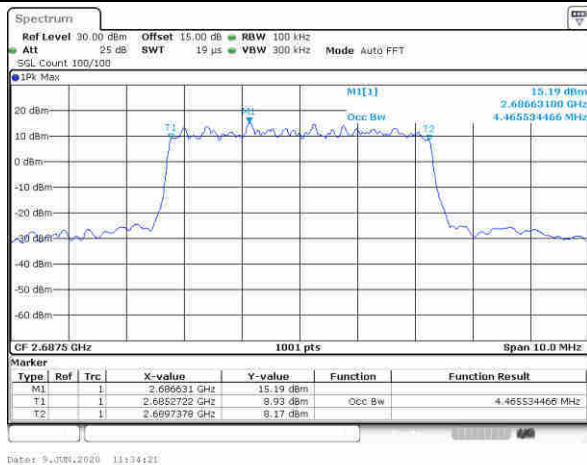
Middle Channel / 5MHz / 64QAM



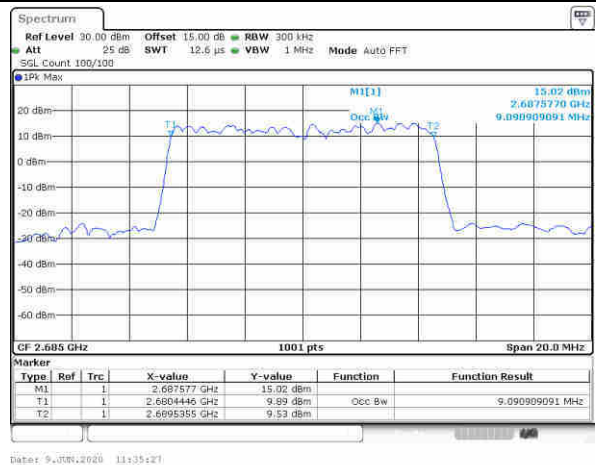
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



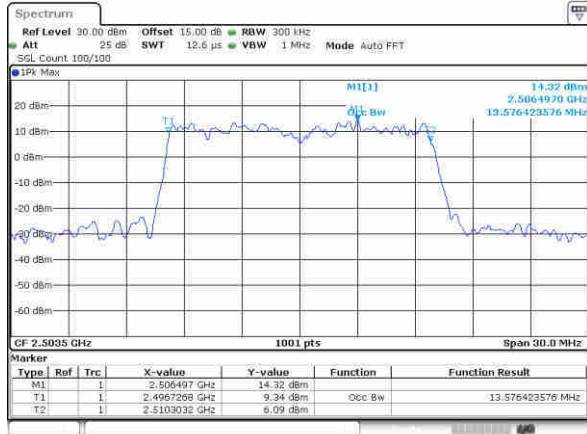
Highest Channel / 10MHz / 64QAM



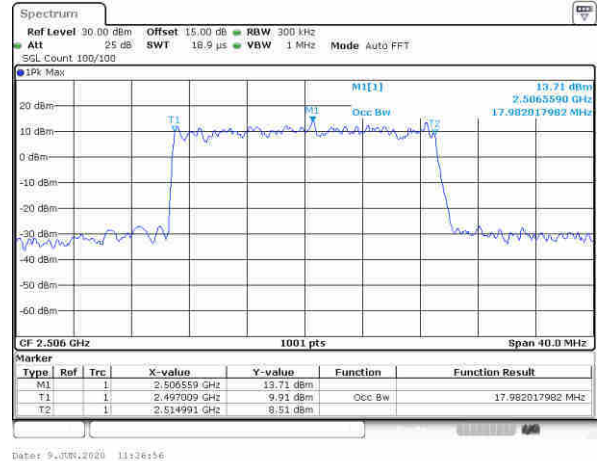


LTE Band 41

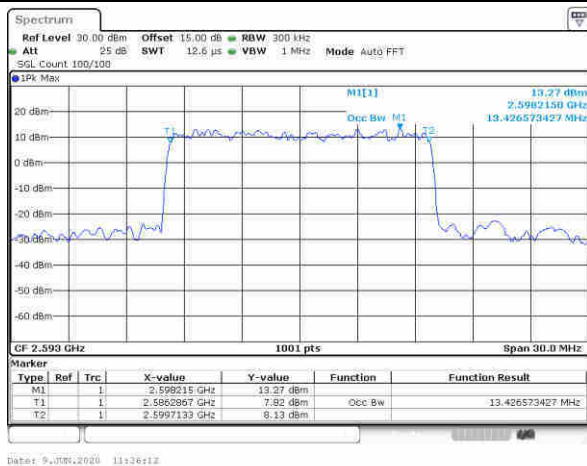
Lowest Channel / 15MHz / 64QAM



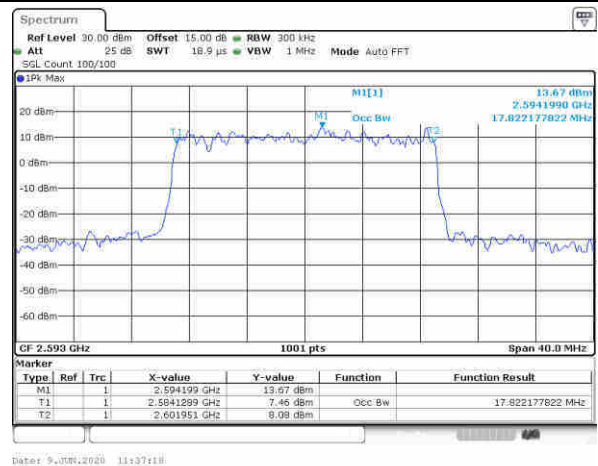
Lowest Channel / 20MHz / 64QAM



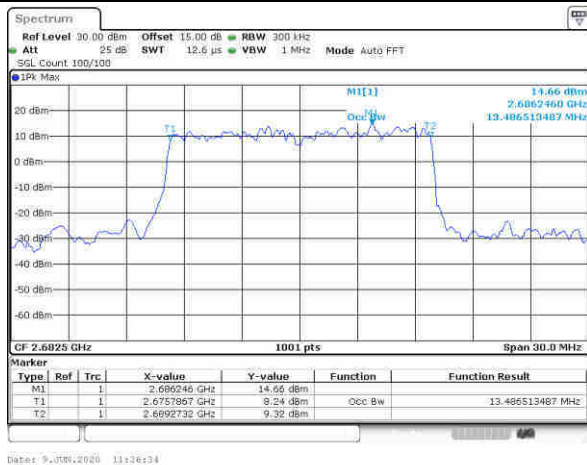
Middle Channel / 15MHz / 64QAM



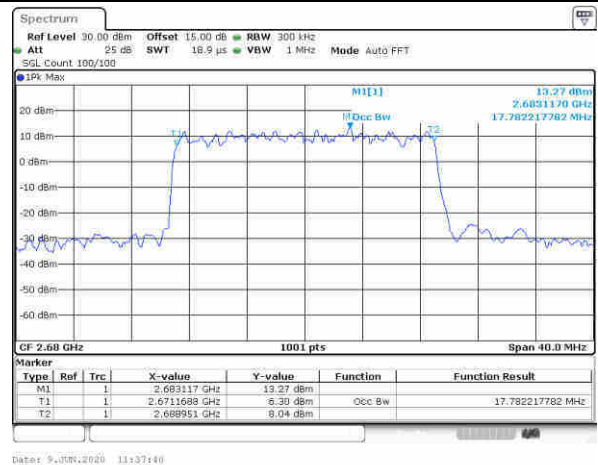
Middle Channel / 20MHz / 64QAM

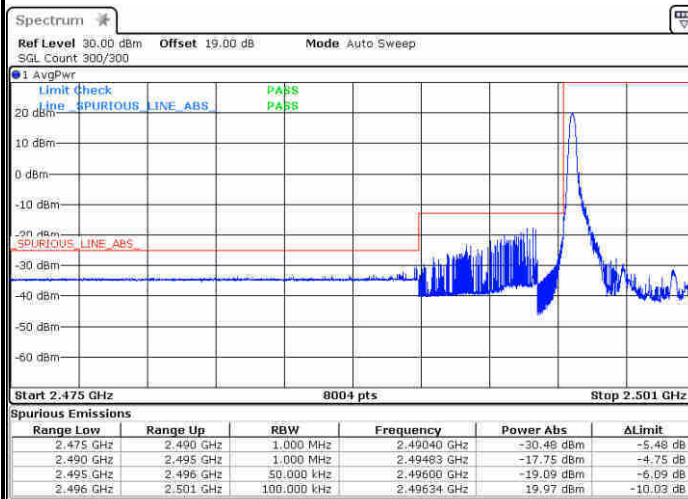
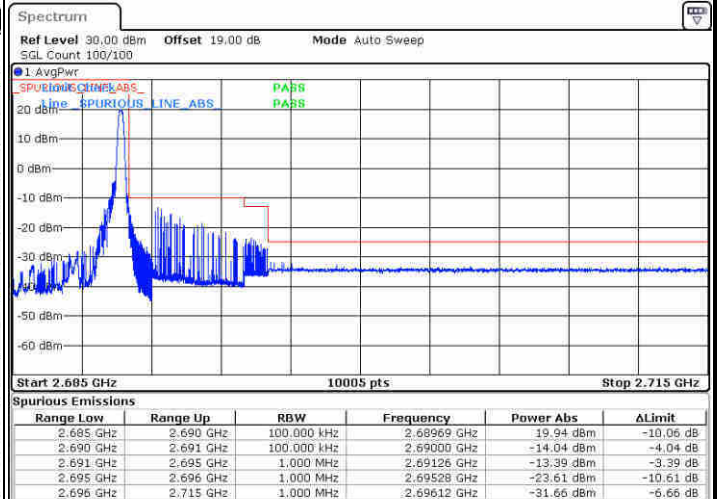
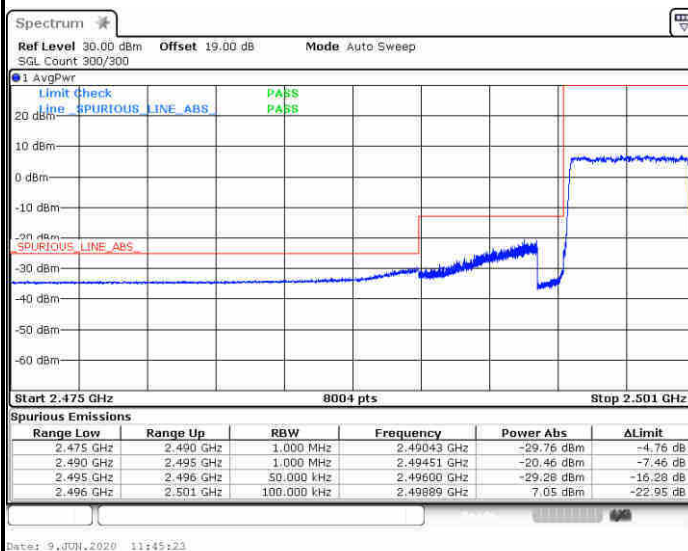
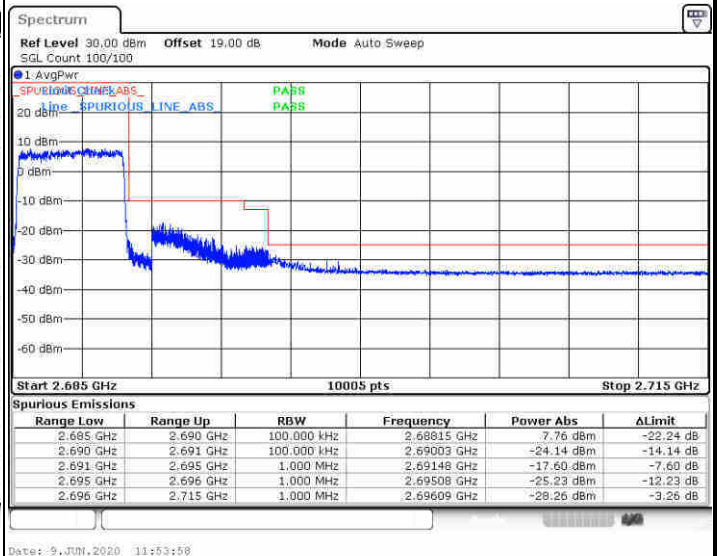


Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

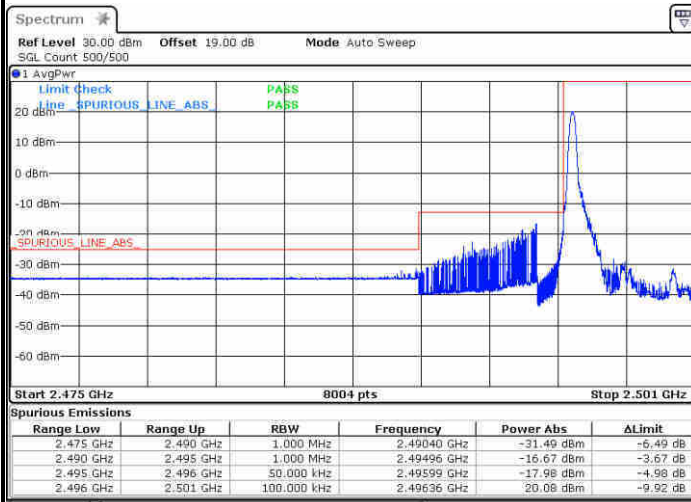


**Conducted Band Edge****LTE Band 41 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

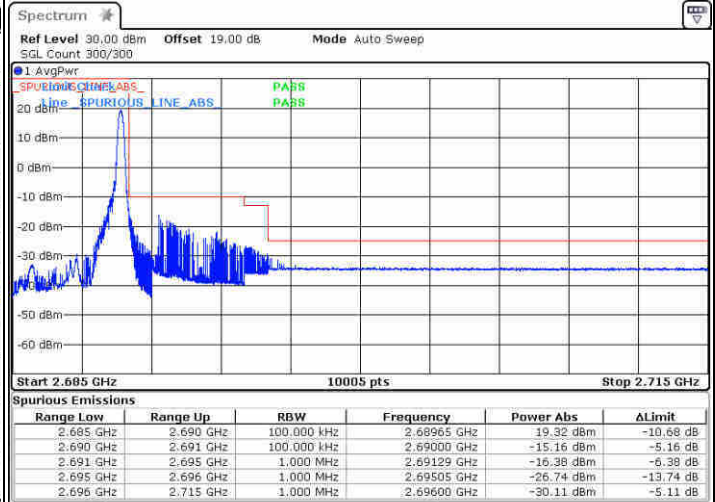


LTE Band 41 / 5MHz / 16QAM

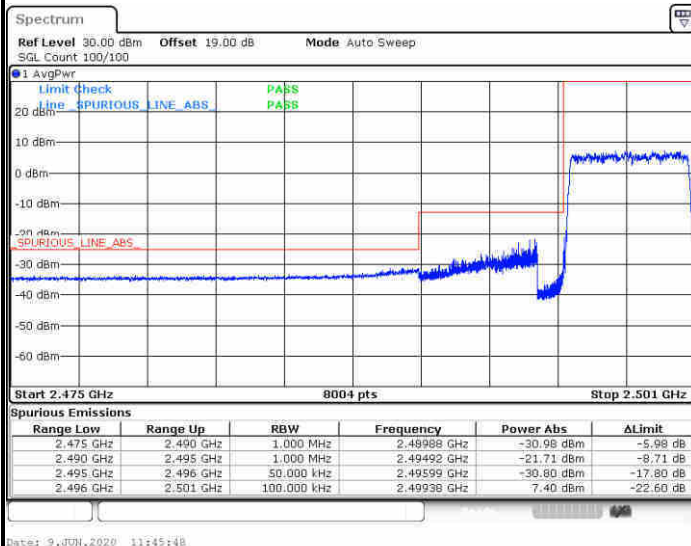
Lowest Band Edge / 1RB



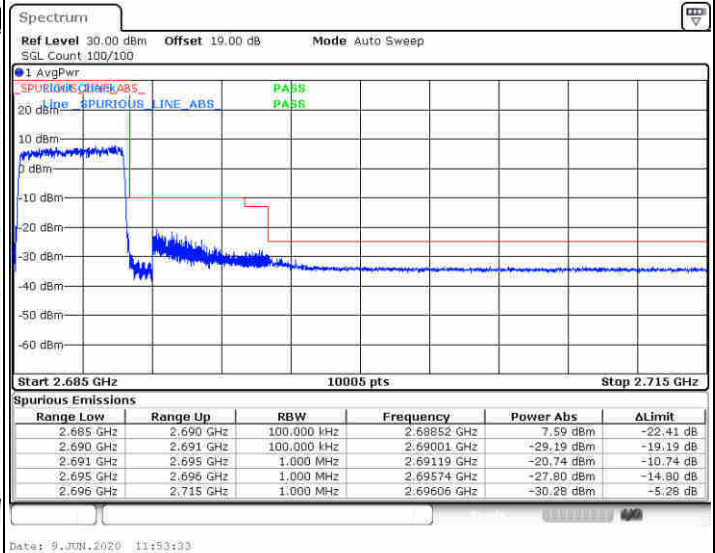
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



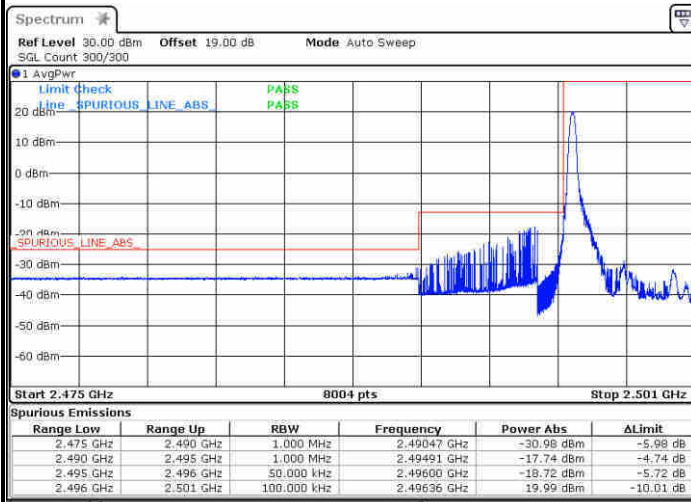
Highest Band Edge / Full RB



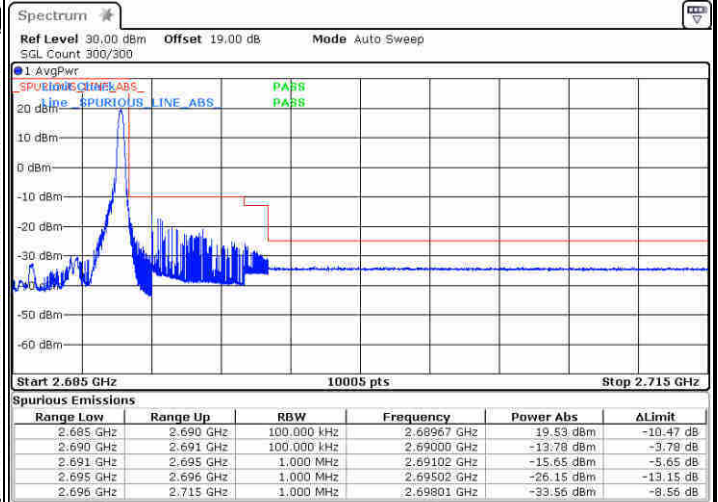


LTE Band 41 / 5MHz / 64QAM

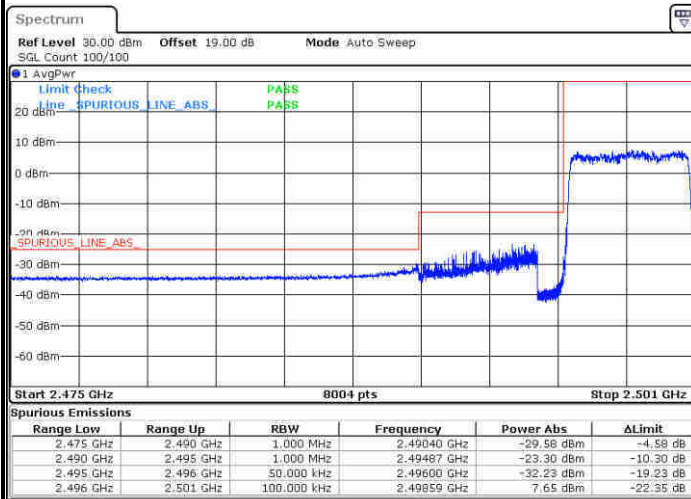
Lowest Band Edge / 1RB



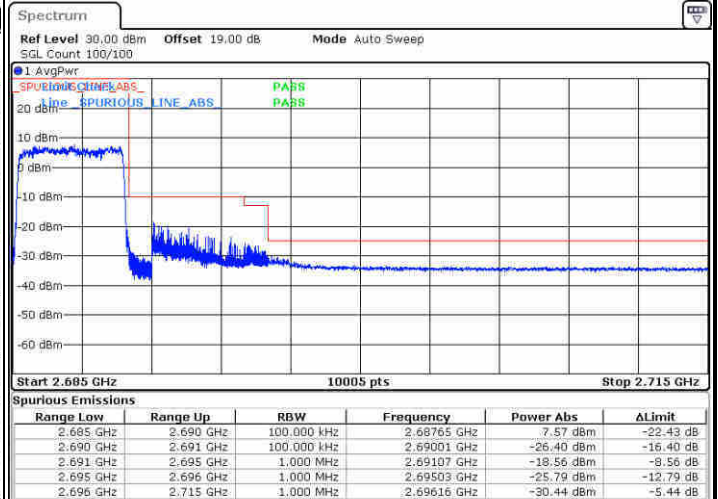
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



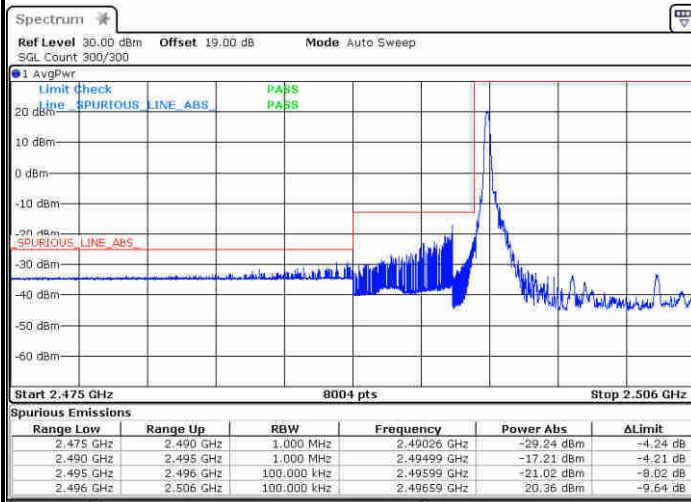
Highest Band Edge / Full RB



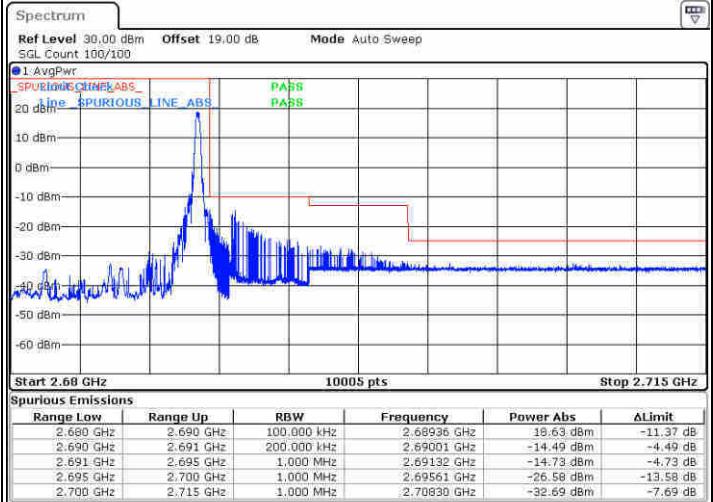


LTE Band 41 / 10MHz / QPSK

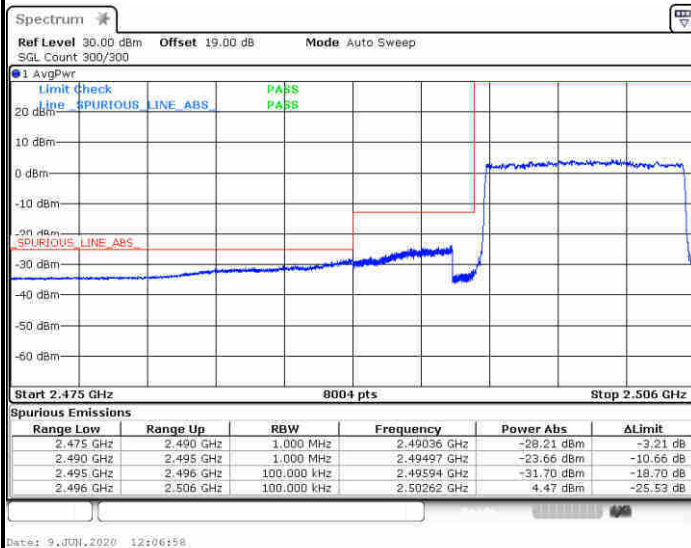
Lowest Band Edge / 1 RB



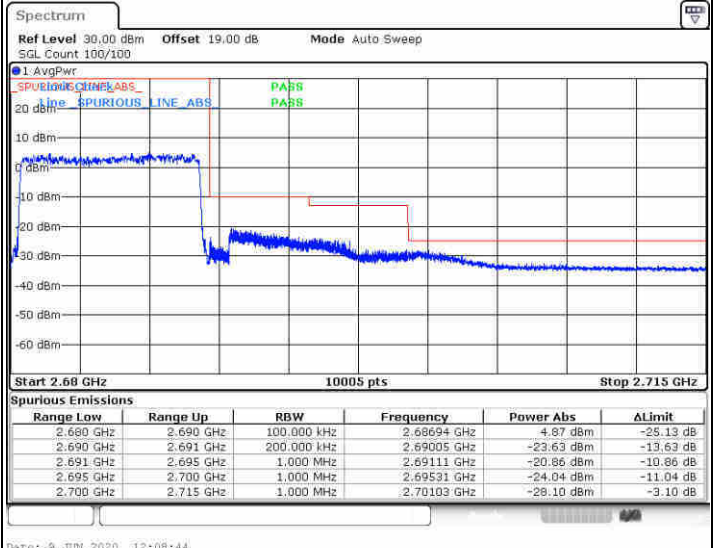
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



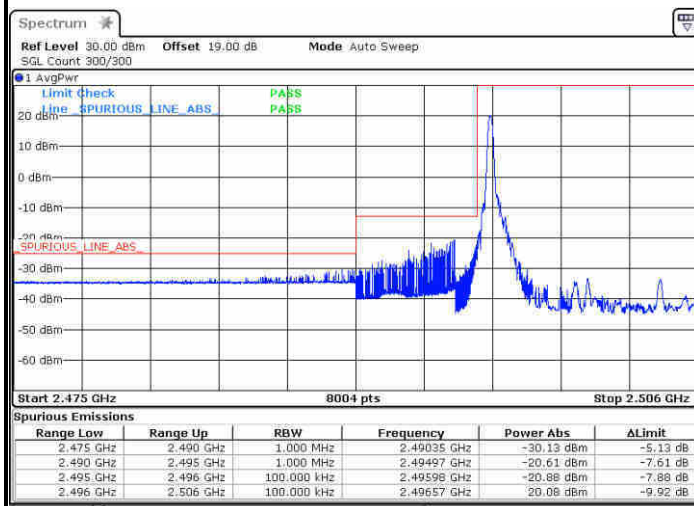
Highest Band Edge / Full RB



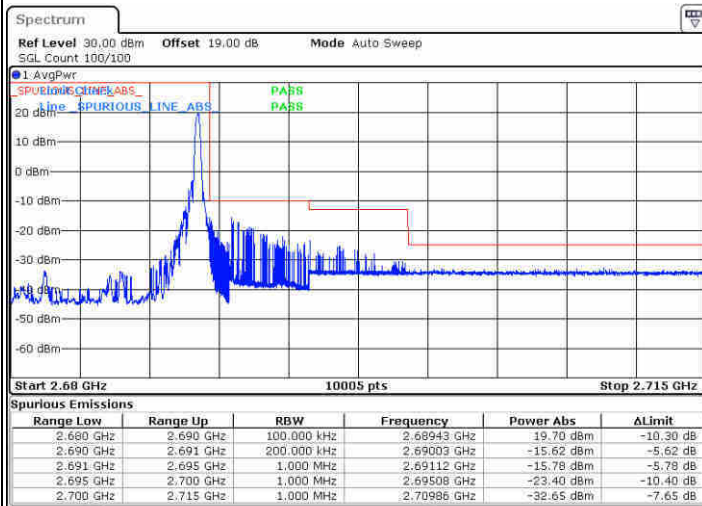


LTE Band 41 / 10MHz / 16QAM

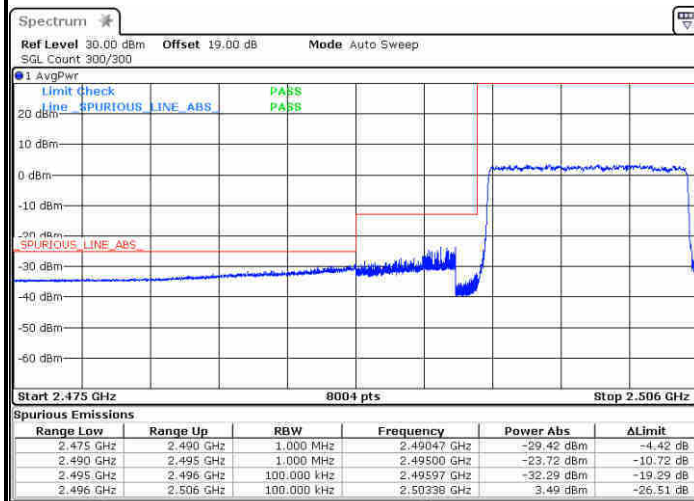
Lowest Band Edge / 1 RB



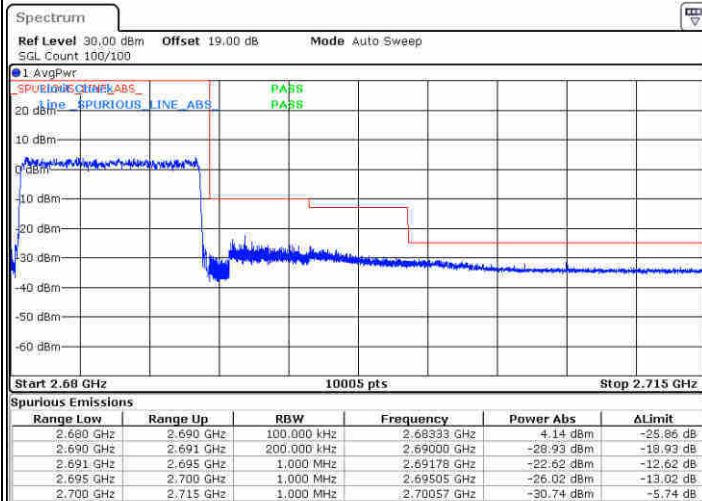
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



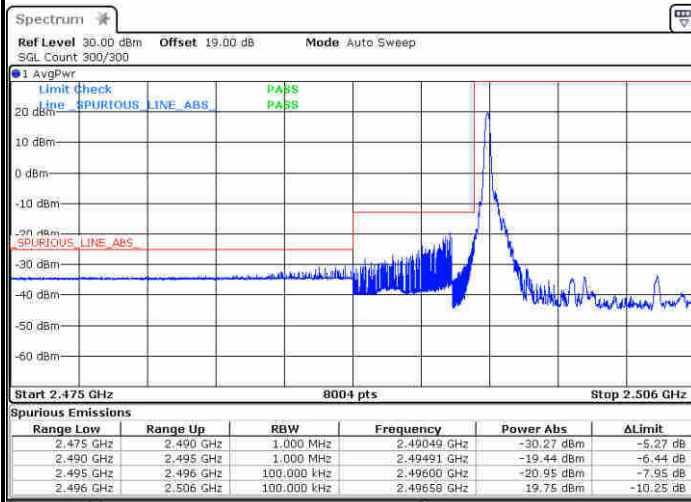
Highest Band Edge / Full RB



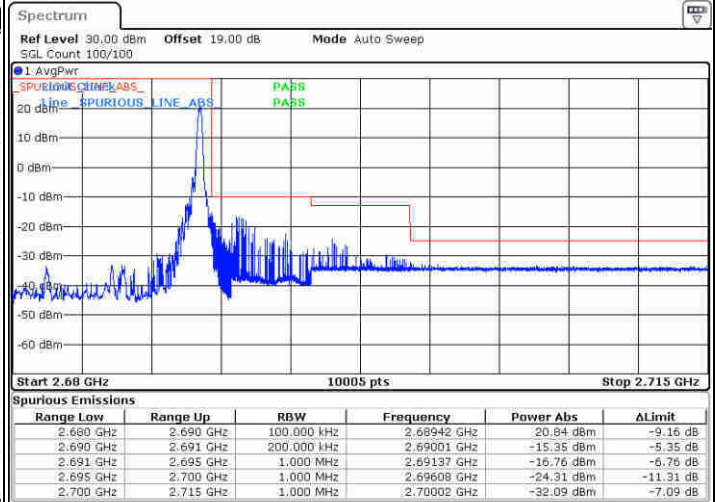


LTE Band 41 / 10MHz / 64QAM

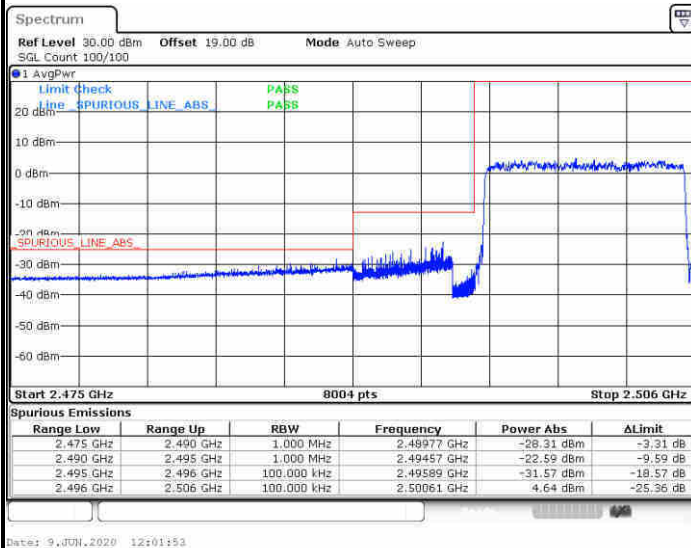
Lowest Band Edge / 1 RB



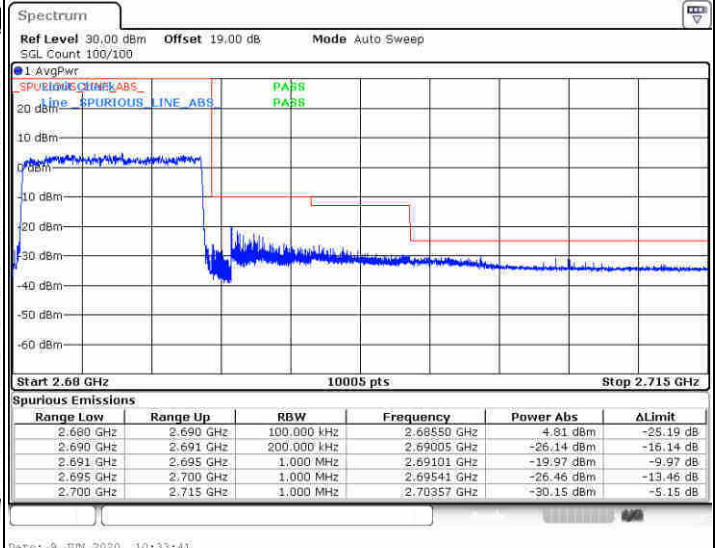
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



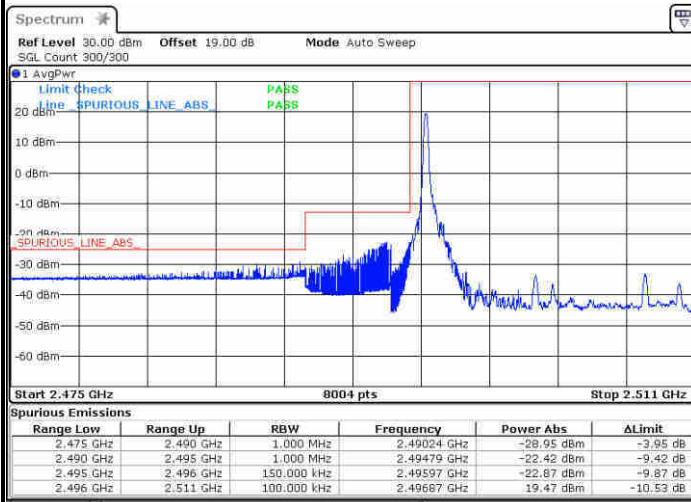
Highest Band Edge / Full RB





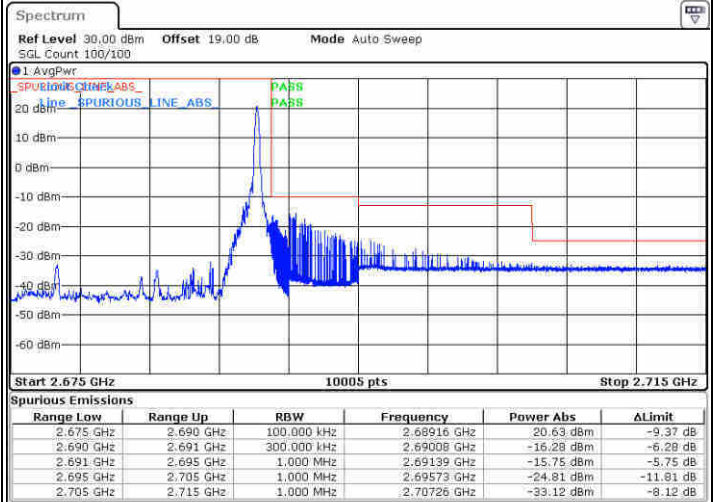
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



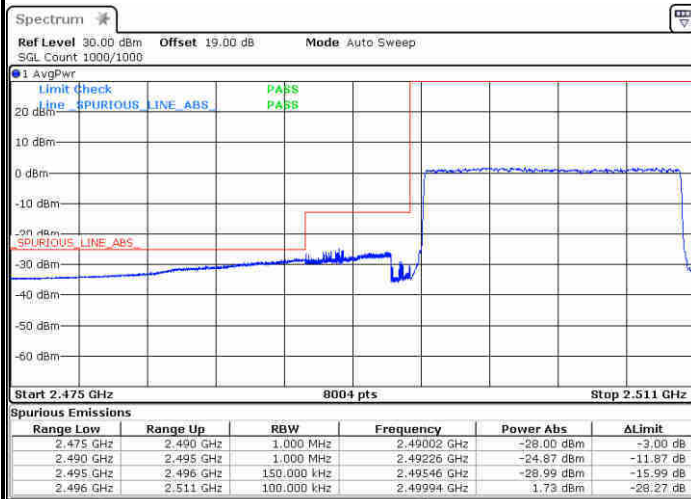
Date: 9 JUN 2020 12:20:35

Highest Band Edge / 1 RB



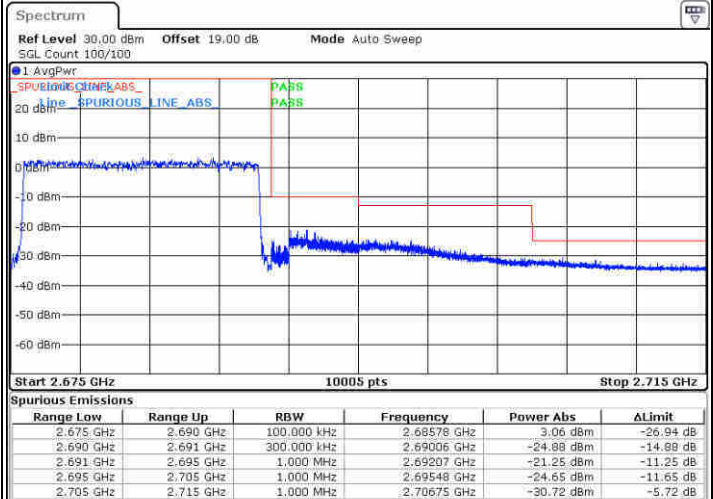
Date: 9 JUN 2020 10:41:17

Lowest Band Edge / Full RB



Date: 9 JUN 2020 12:12:19

Highest Band Edge / Full RB

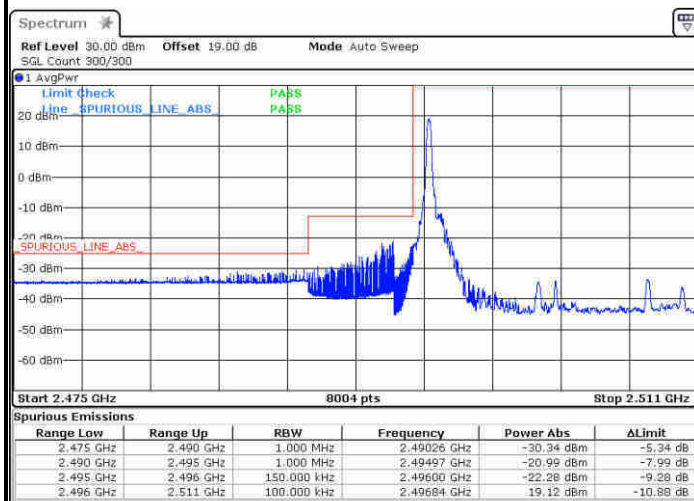


Date: 9 JUN 2020 10:42:57

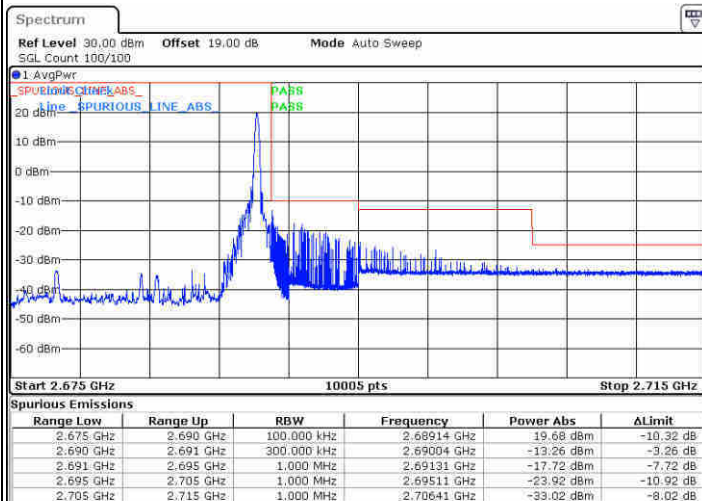


LTE Band 41 / 15MHz / 16QAM

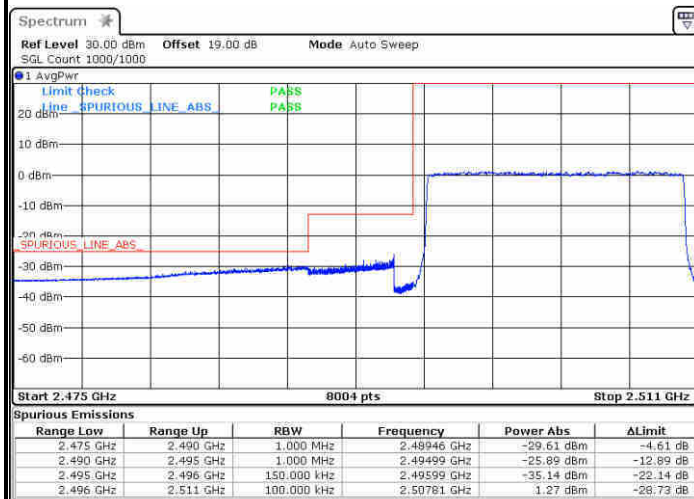
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

