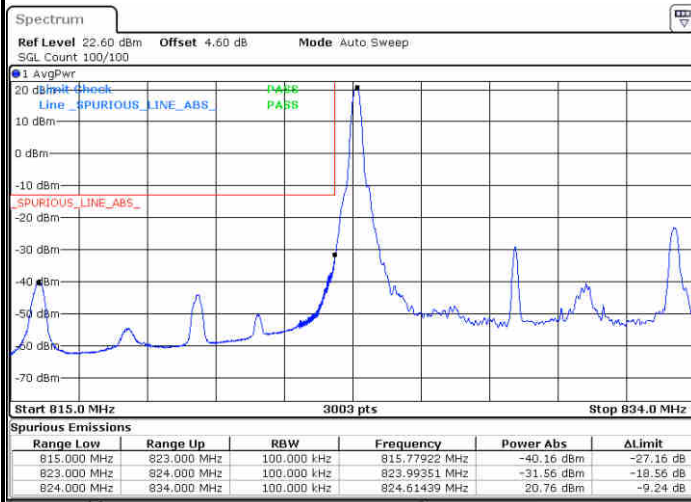


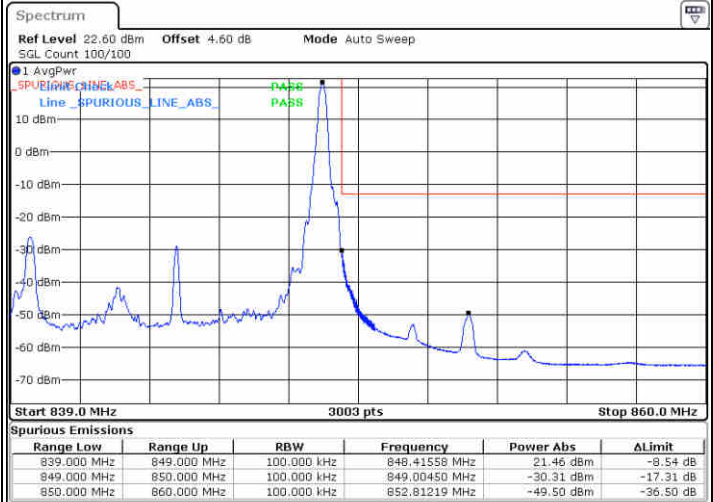


LTE Band 26 / 10MHz / QPSK

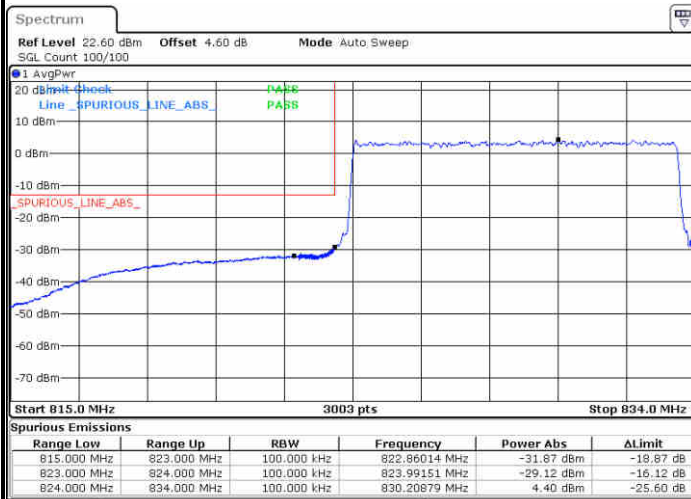
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



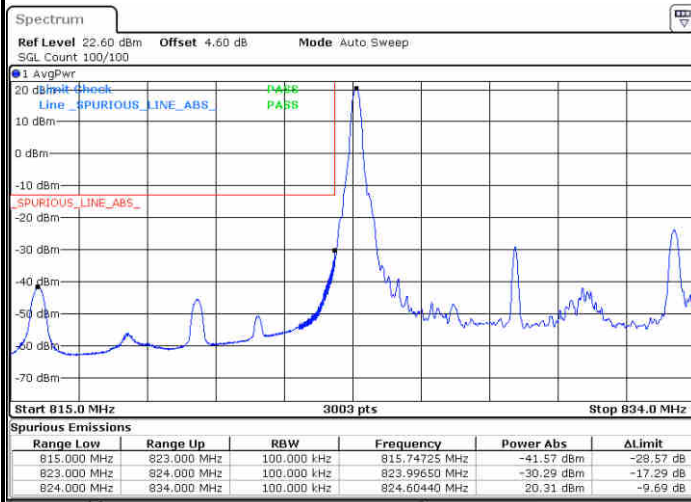
Highest Band Edge / Full RB



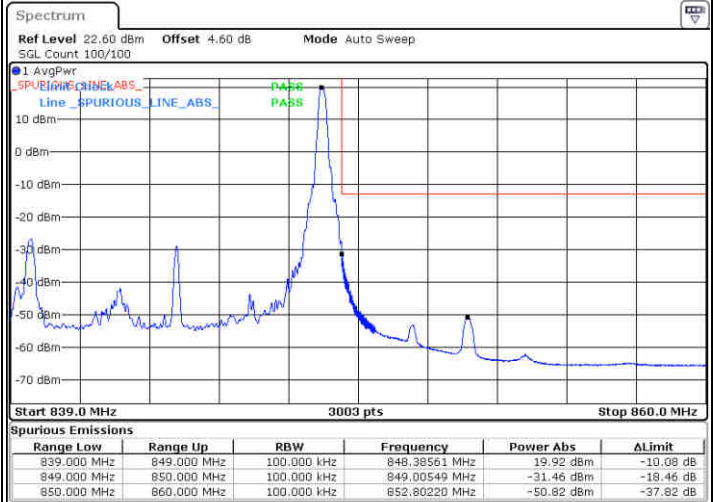


LTE Band 26 / 10MHz / 16QAM

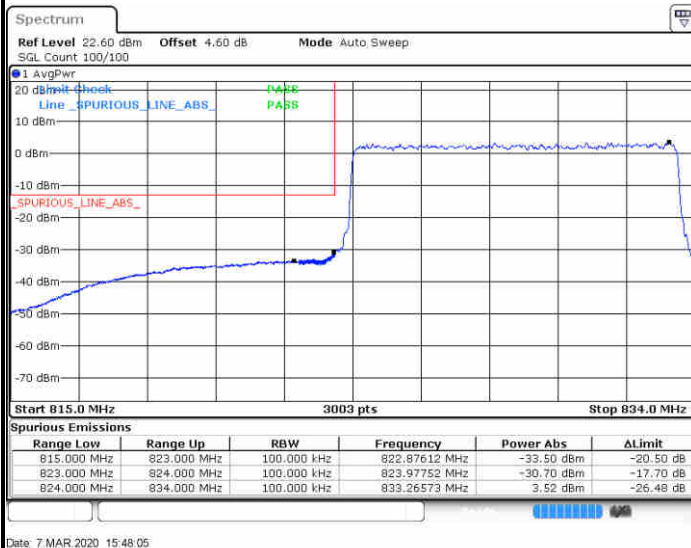
Lowest Band Edge / 1 RB



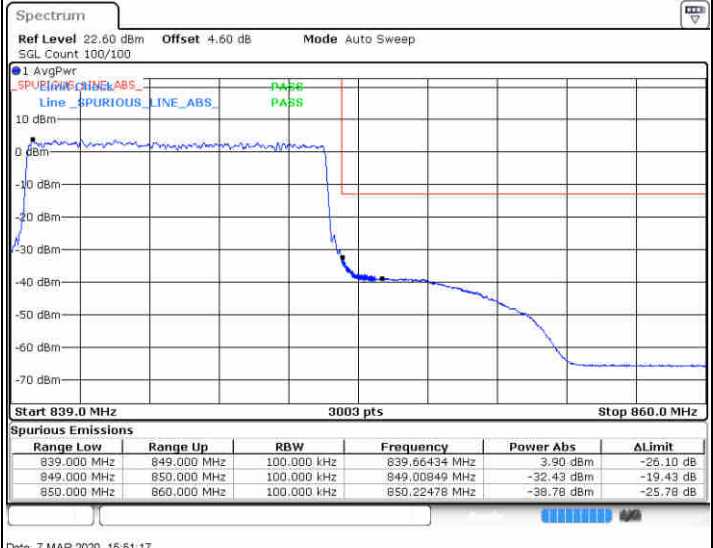
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



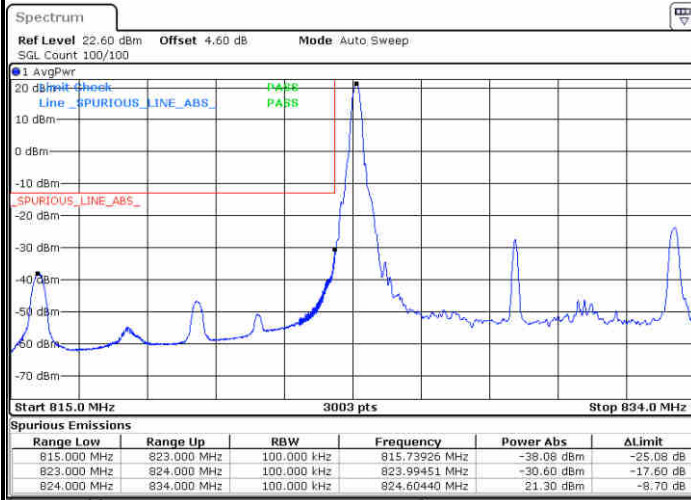
Highest Band Edge / Full RB



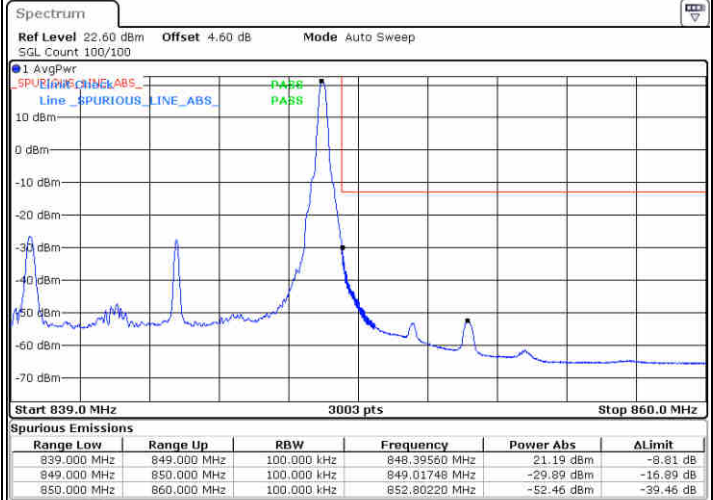


LTE Band 26 / 10MHz / 64QAM

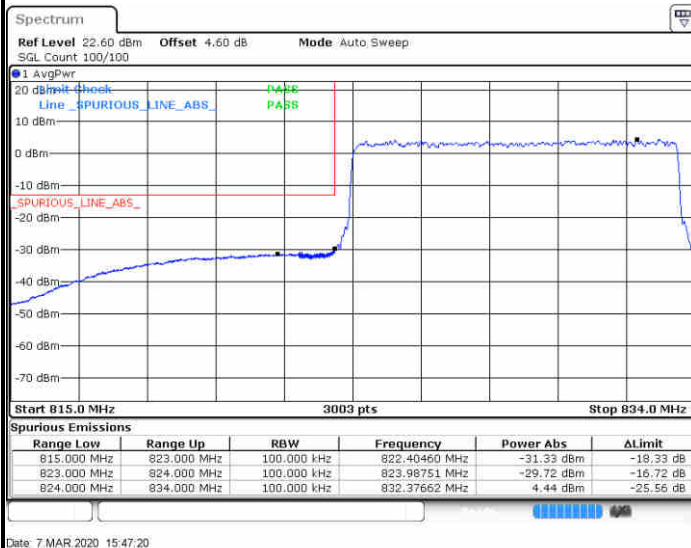
Lowest Band Edge / 1 RB



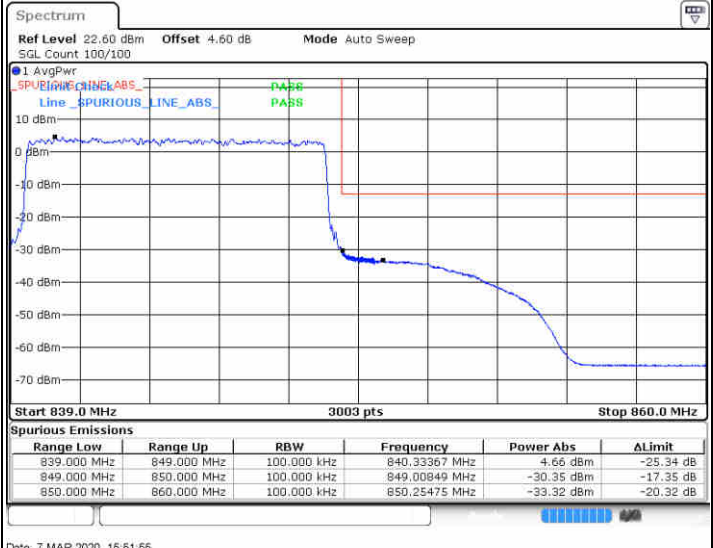
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



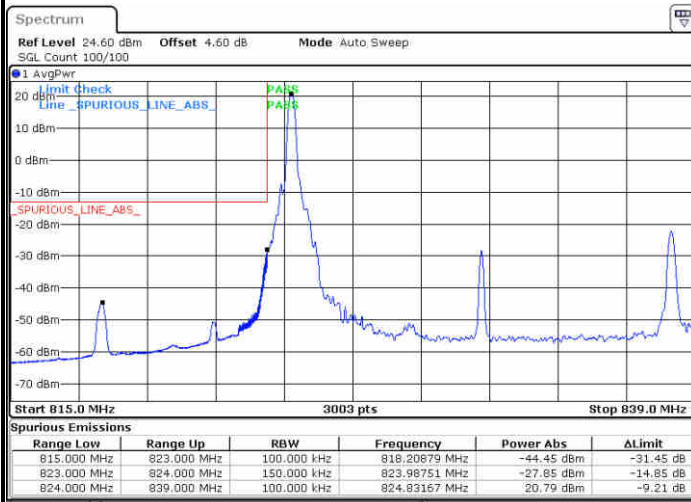
Highest Band Edge / Full RB



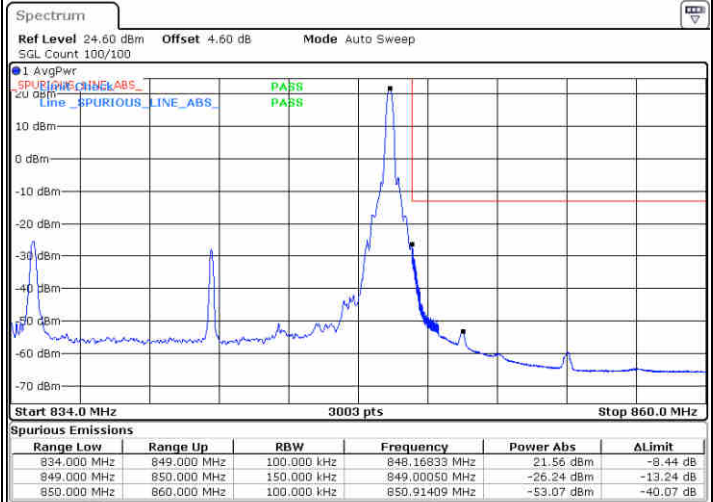


LTE Band 26 / 15MHz / QPSK

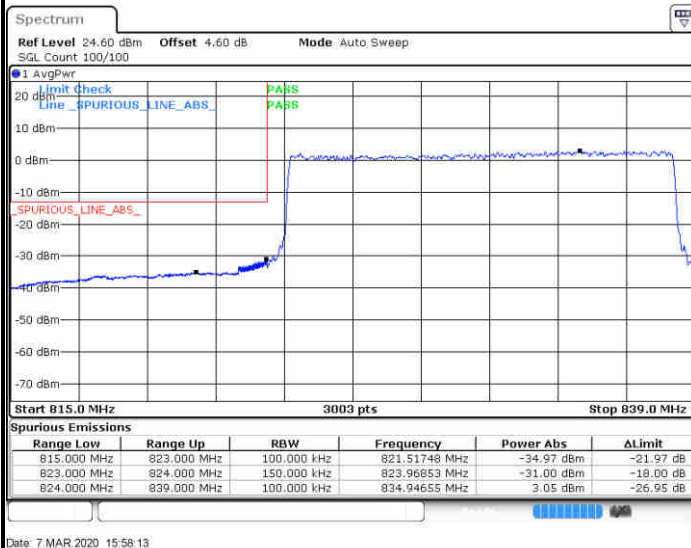
Lowest Band Edge / 1 RB



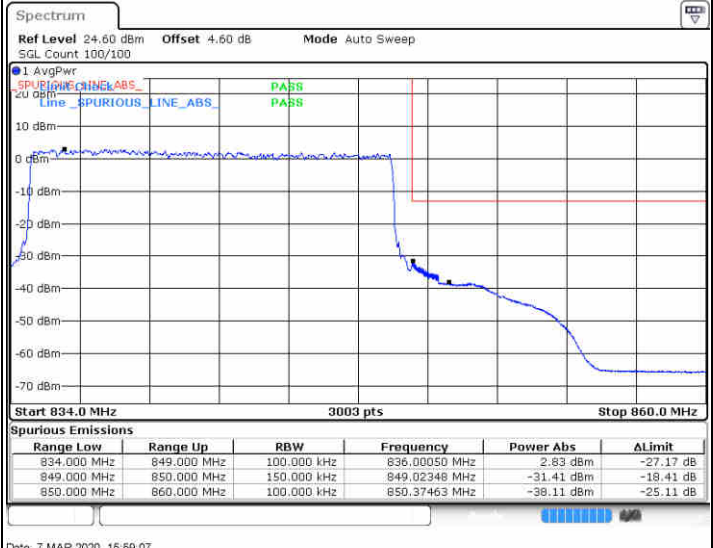
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



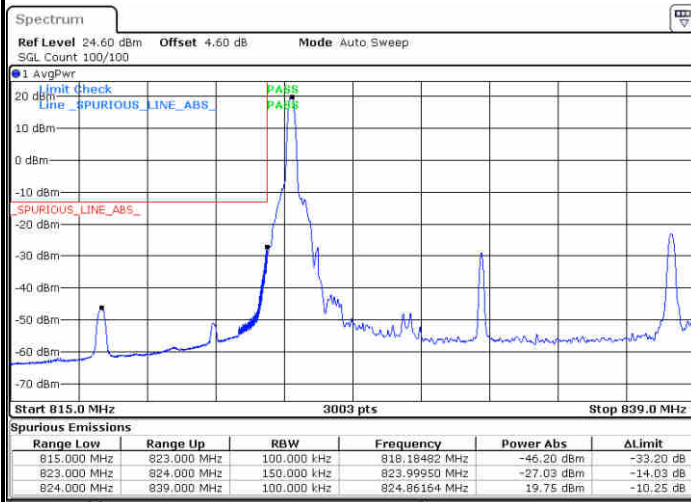
Highest Band Edge / Full RB



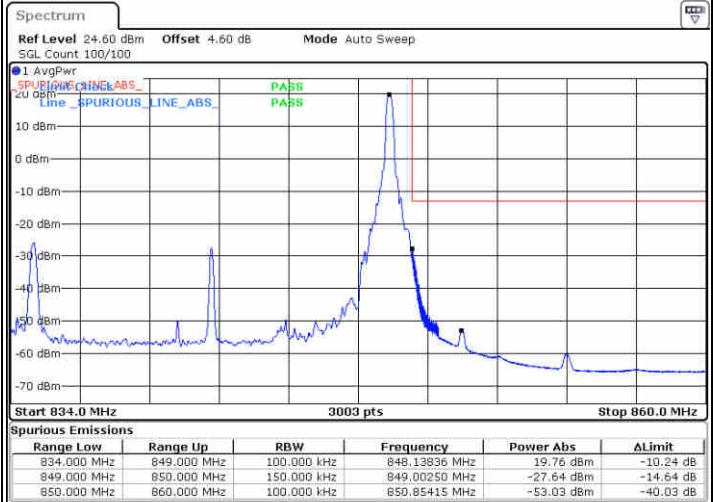


LTE Band 26 / 15MHz / 16QAM

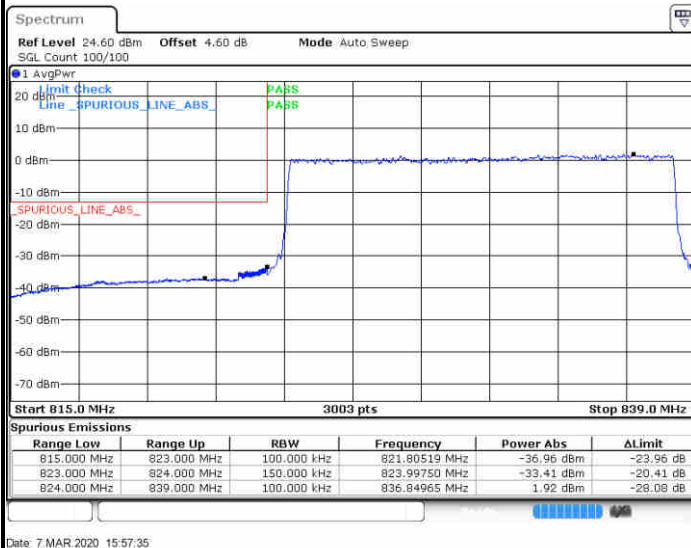
Lowest Band Edge / 1 RB



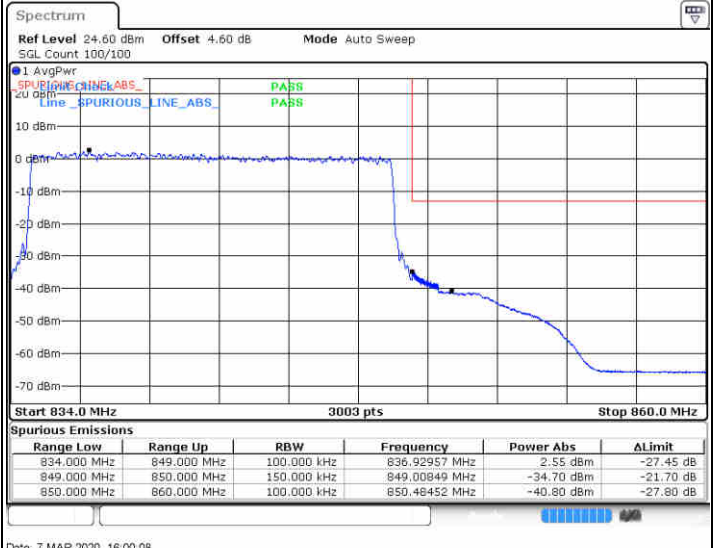
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



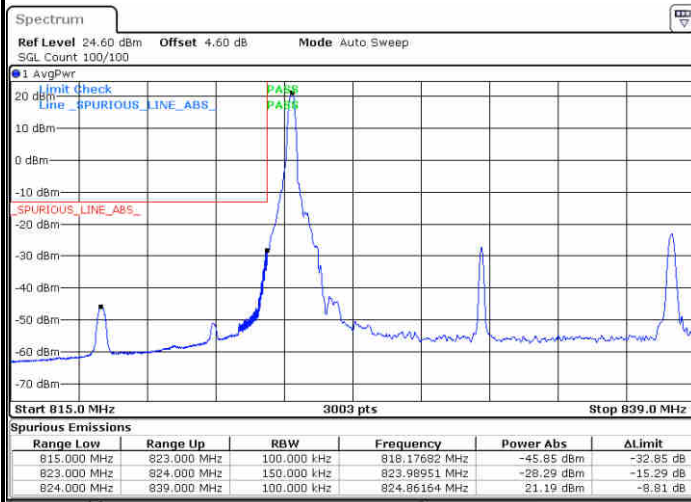
Highest Band Edge / Full RB



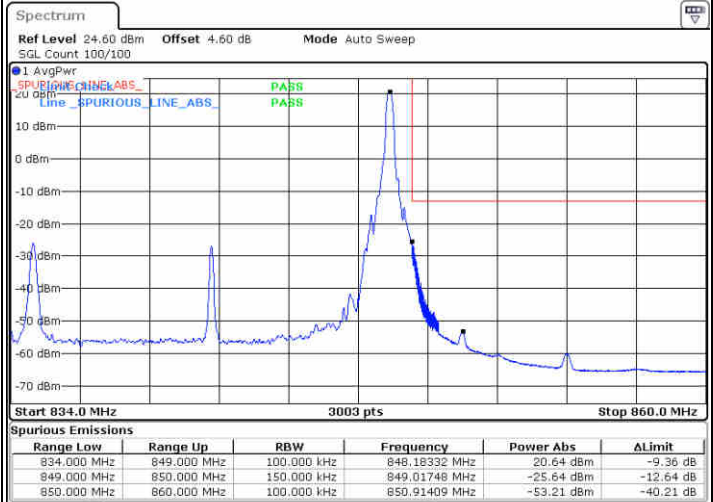


LTE Band 26 / 15MHz / 64QAM

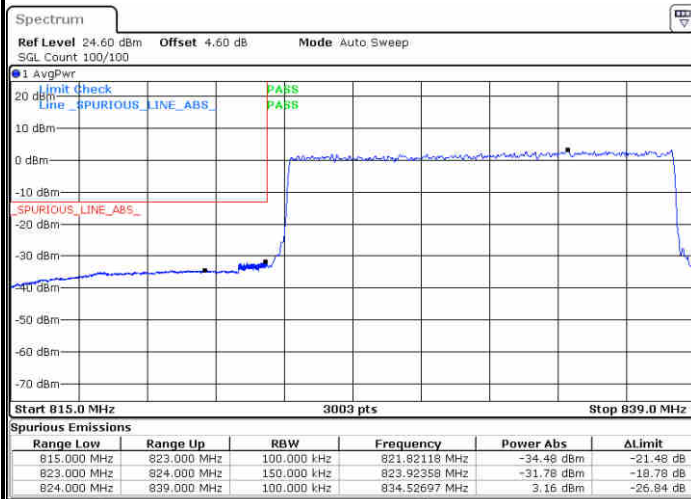
Lowest Band Edge / 1 RB



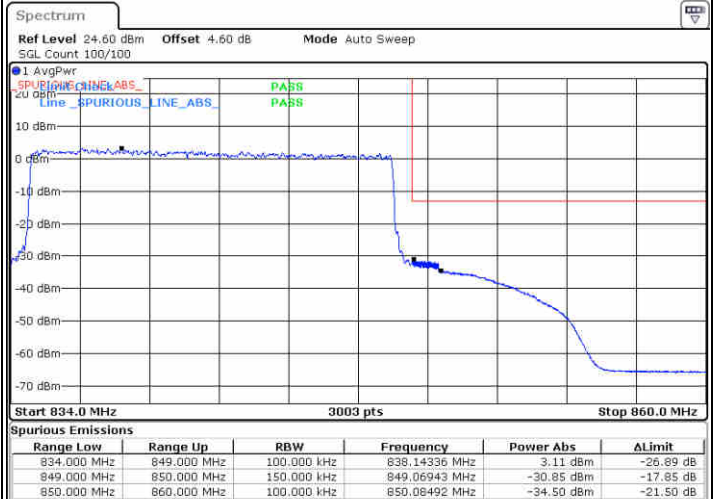
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

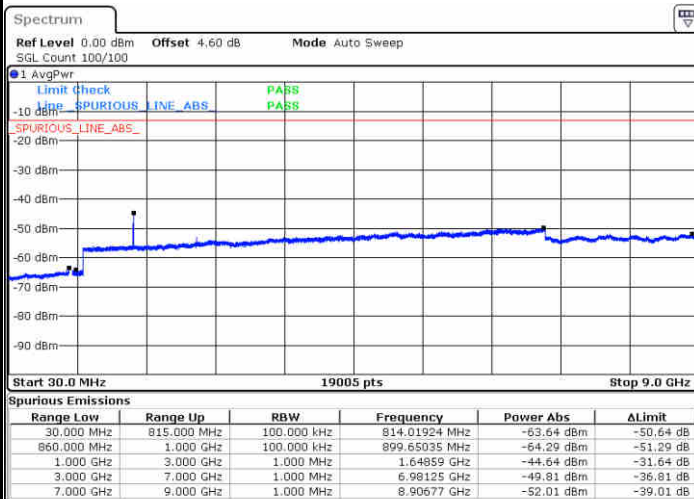




Conducted Spurious Emission

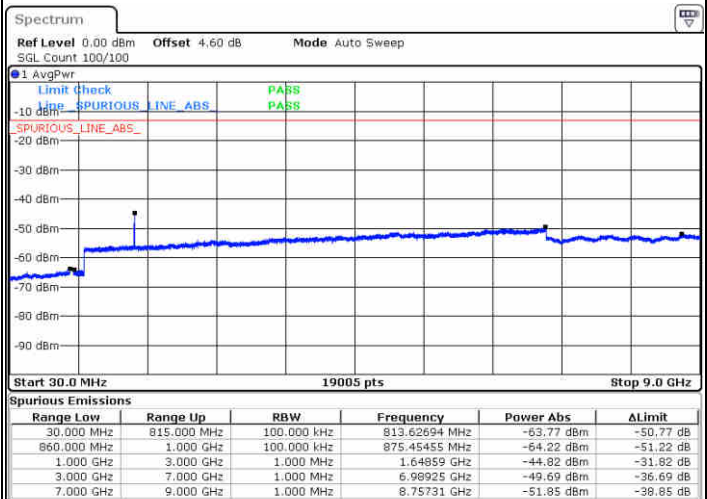
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



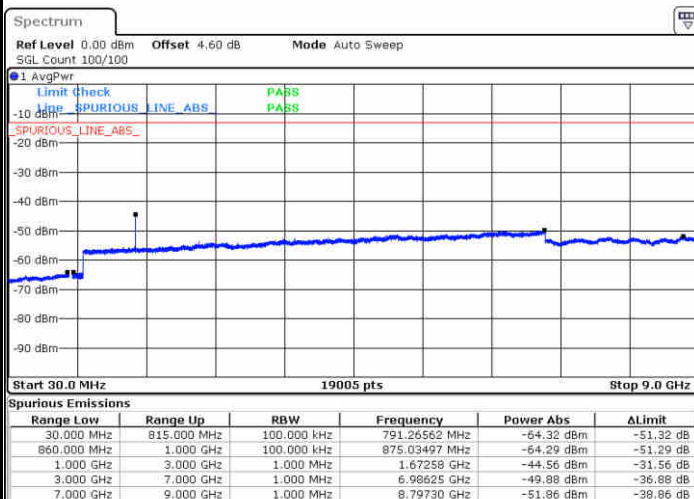
Date: 7.MAR.2020 13:54:45

Lowest Channel / 16QAM



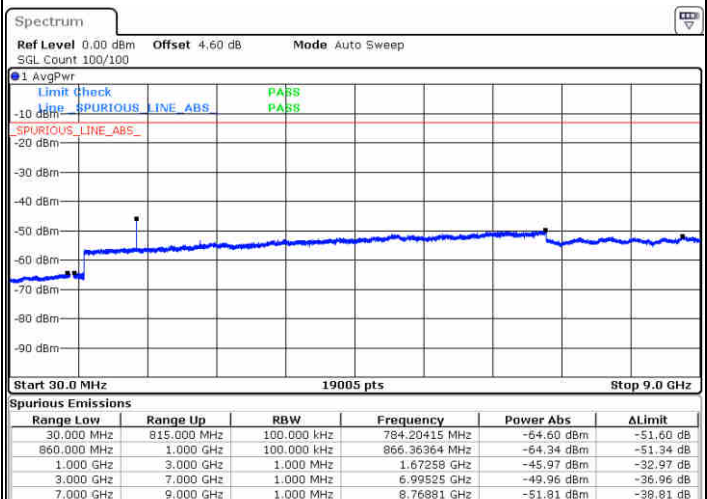
Date: 7.MAR.2020 13:55:40

Middle Channel / QPSK



Date: 7.MAR.2020 13:59:17

Middle Channel / 16QAM

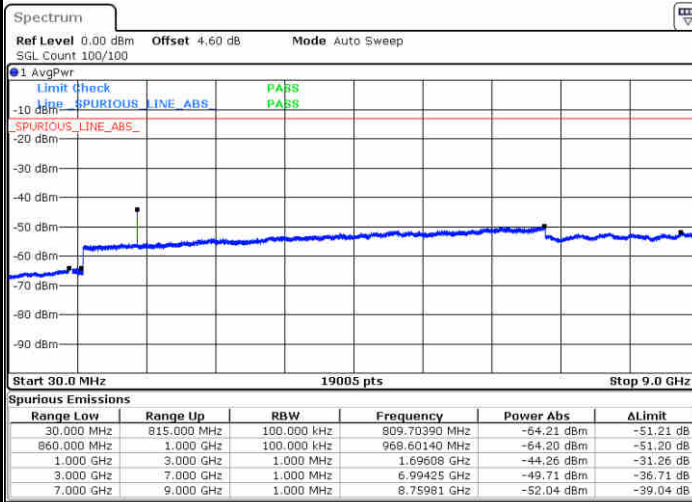


Date: 7.MAR.2020 13:58:23



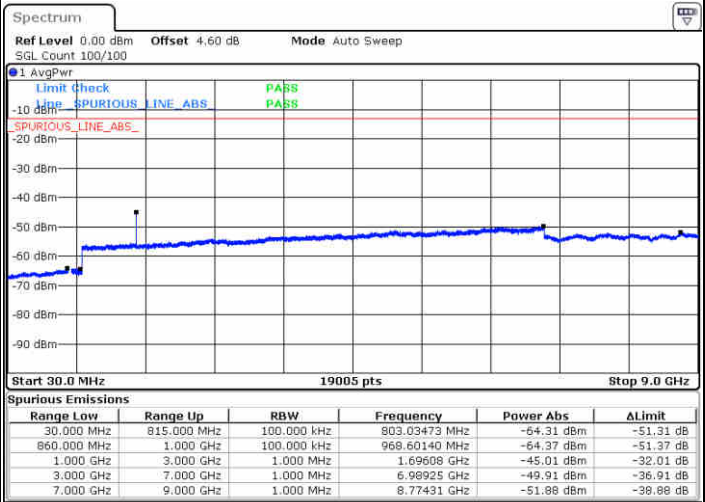
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 7.MAR.2020 14:00:11

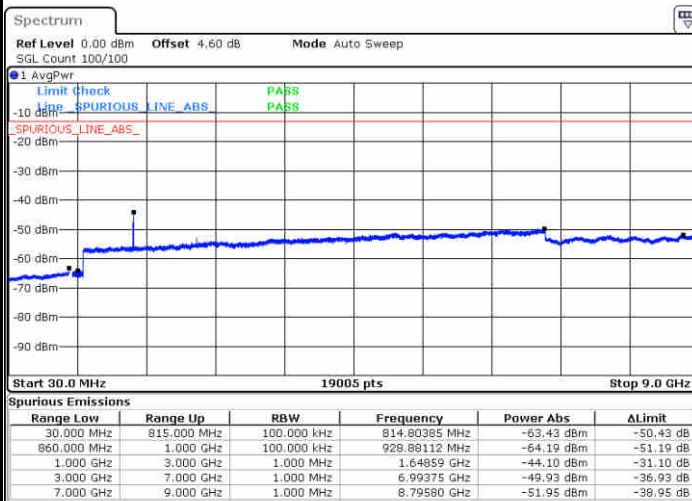
Highest Channel / 16QAM



Date: 7.MAR.2020 14:01:06

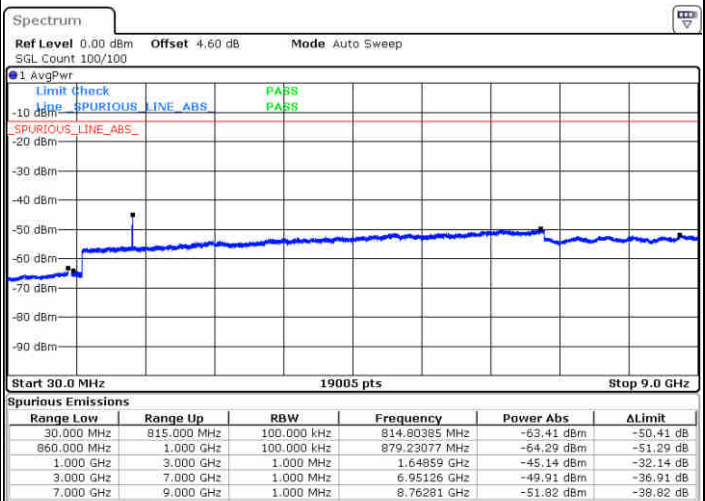
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 7.MAR.2020 14:09:43

Lowest Channel / 16QAM

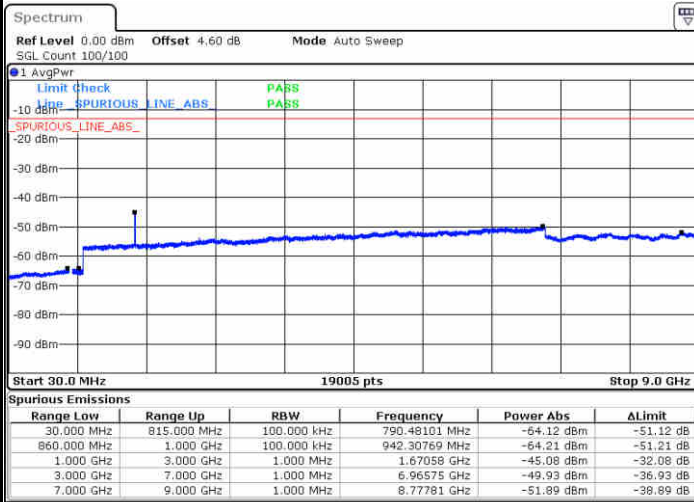


Date: 7.MAR.2020 14:08:49



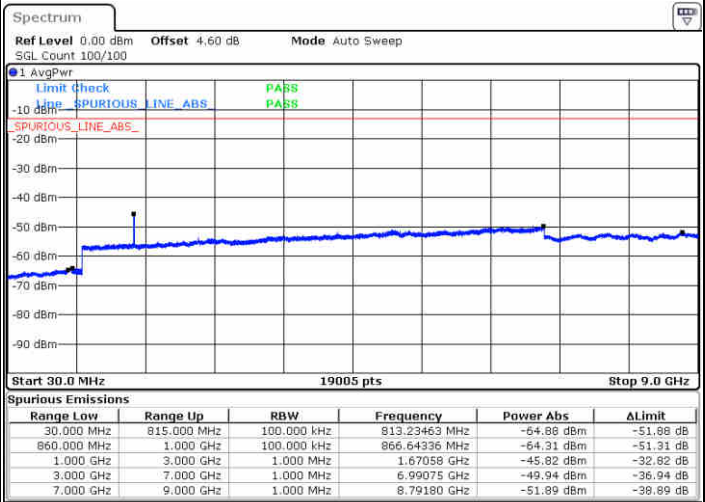
LTE Band 26 / 3MHz

Middle Channel / QPSK



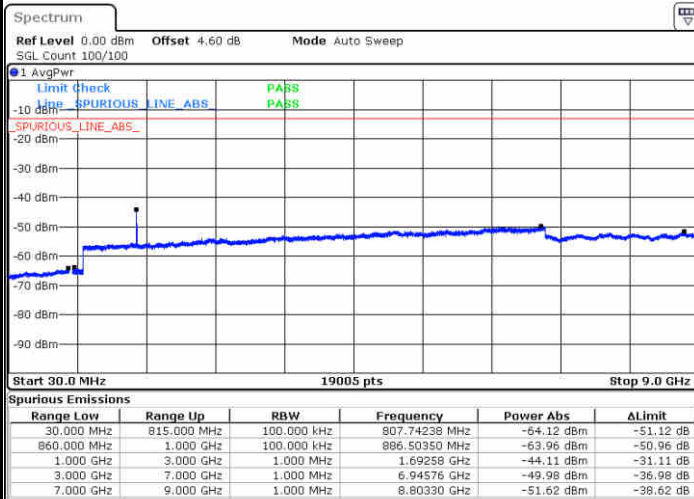
Date: 7.MAR.2020 14:10:38

Middle Channel / 16QAM



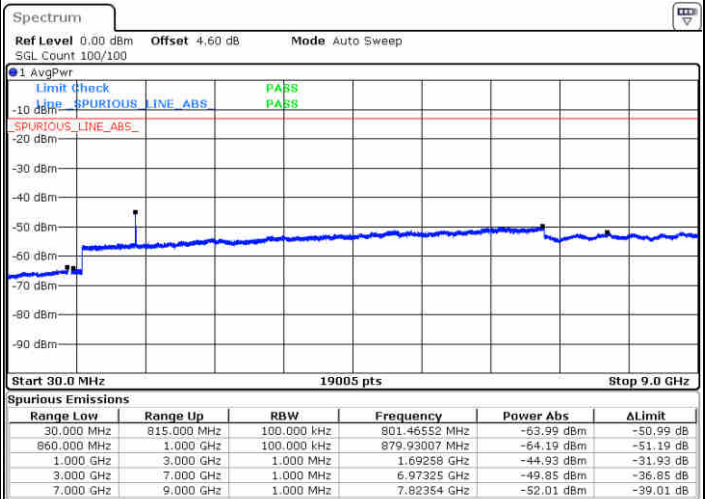
Date: 7.MAR.2020 14:11:32

Highest Channel / QPSK



Date: 7.MAR.2020 14:15:09

Highest Channel / 16QAM

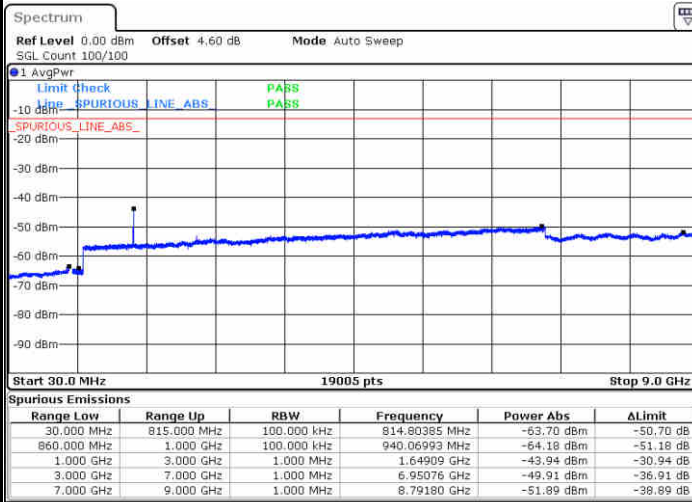


Date: 7.MAR.2020 14:14:15



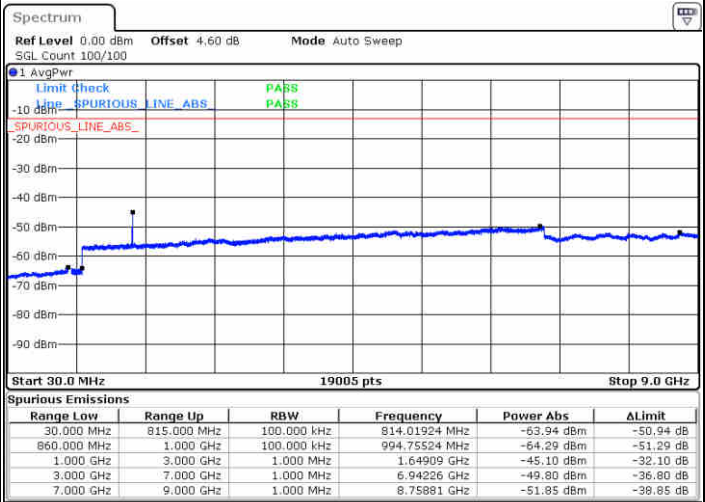
LTE Band 26 / 5MHz

Lowest Channel / QPSK



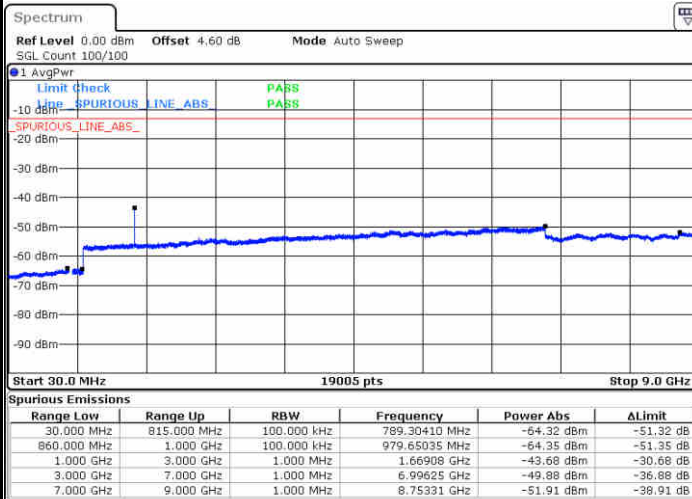
Date: 7.MAR.2020 14:19:04

Lowest Channel / 16QAM



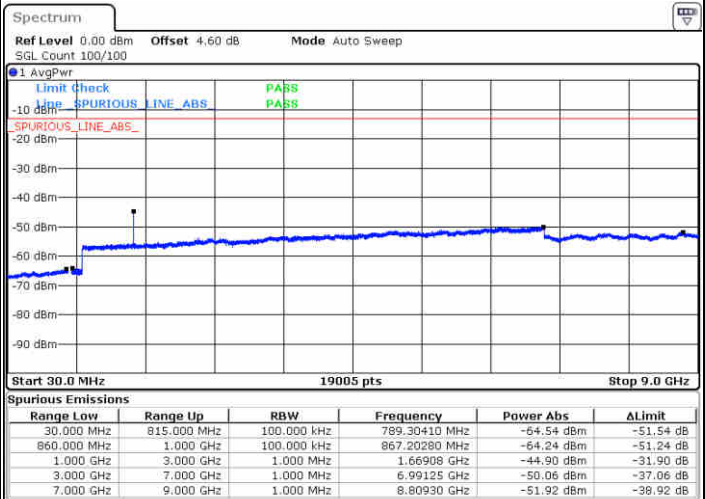
Date: 7.MAR.2020 14:19:58

Middle Channel / QPSK



Date: 7.MAR.2020 14:23:36

Middle Channel / 16QAM

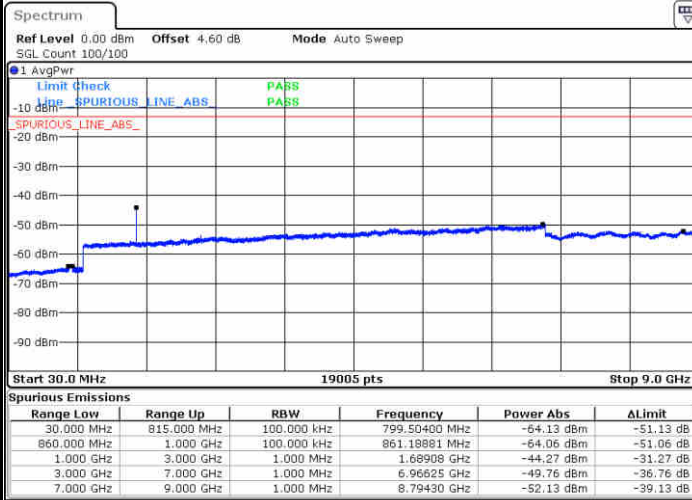


Date: 7.MAR.2020 14:22:42



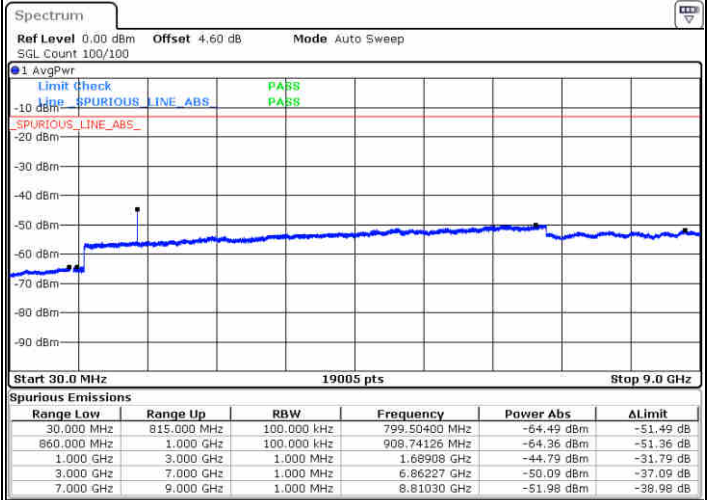
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 7.MAR.2020 14:24:30

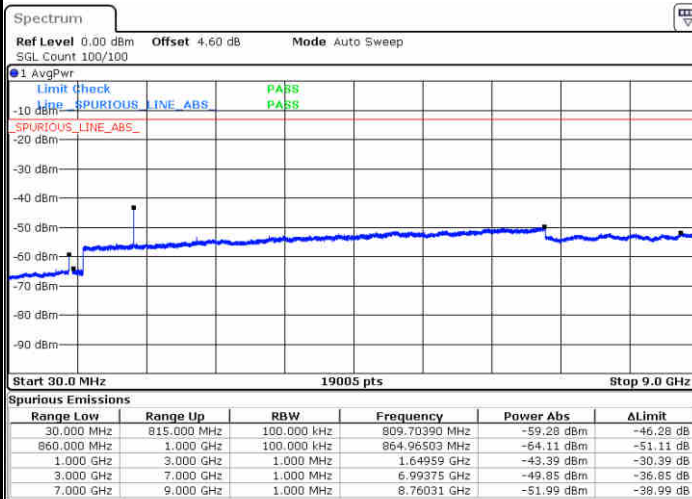
Highest Channel / 16QAM



Date: 7.MAR.2020 14:25:25

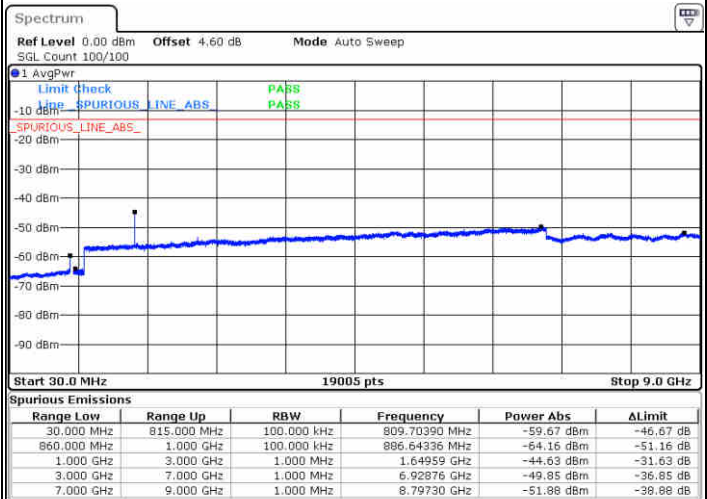
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 7.MAR.2020 14:30:13

Lowest Channel / 16QAM

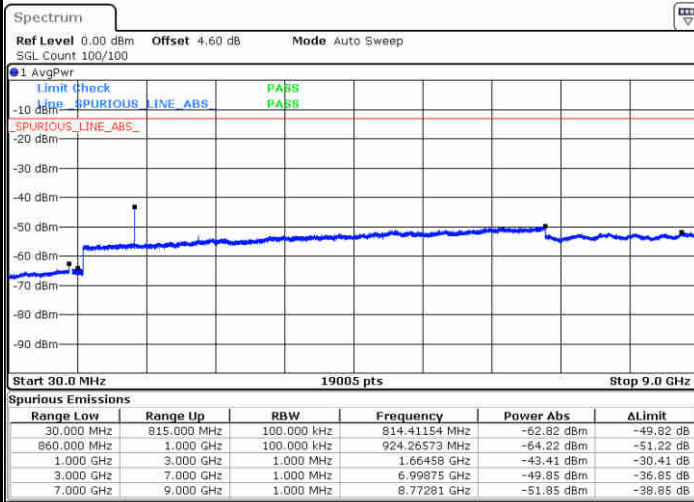


Date: 7.MAR.2020 14:31:08



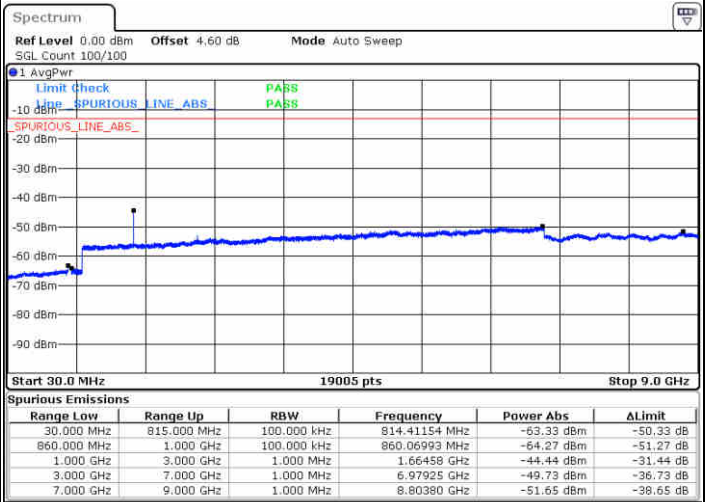
LTE Band 26 / 10MHz

Middle Channel / QPSK



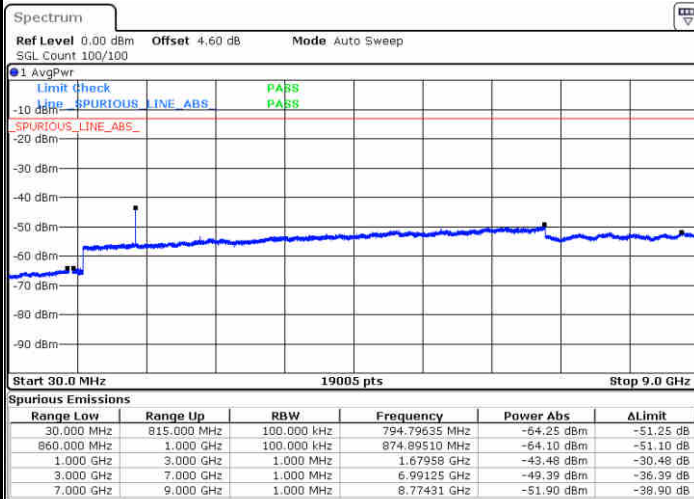
Date: 7.MAR.2020 14:34:45

Middle Channel / 16QAM



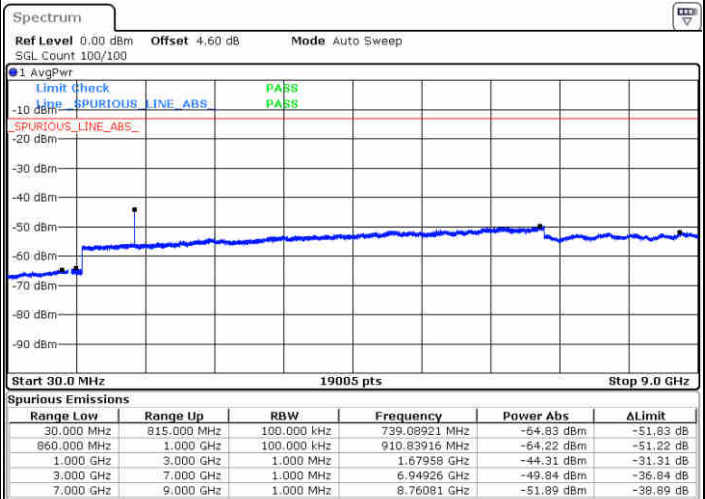
Date: 7.MAR.2020 14:33:51

Highest Channel / QPSK



Date: 7.MAR.2020 14:35:40

Highest Channel / 16QAM

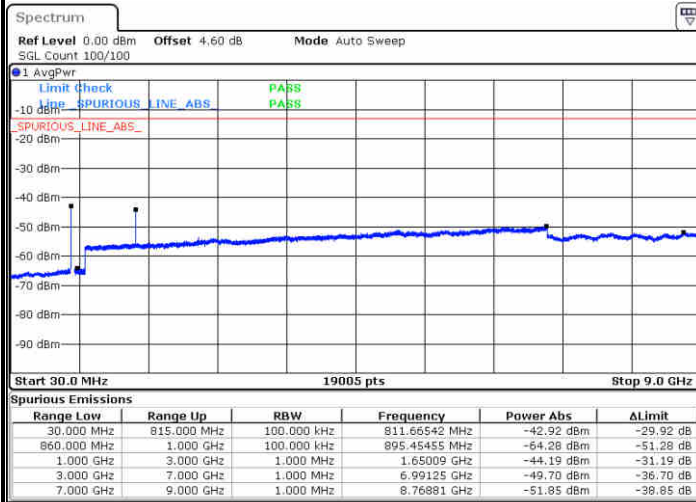


Date: 7.MAR.2020 14:38:34



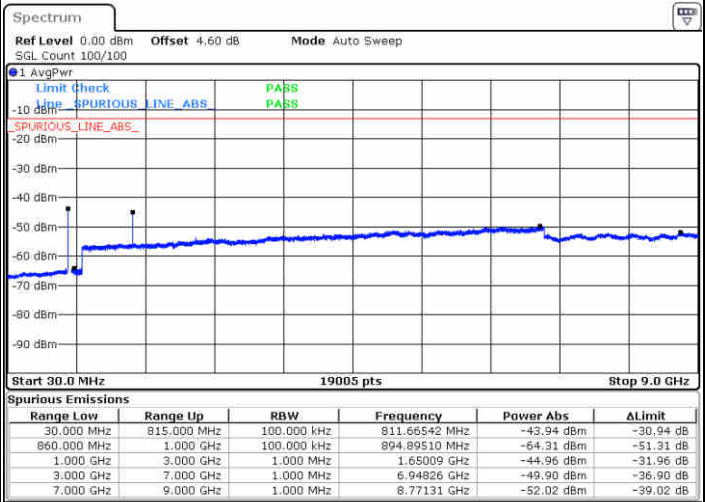
LTE Band 26 / 15MHz

Lowest Channel / QPSK



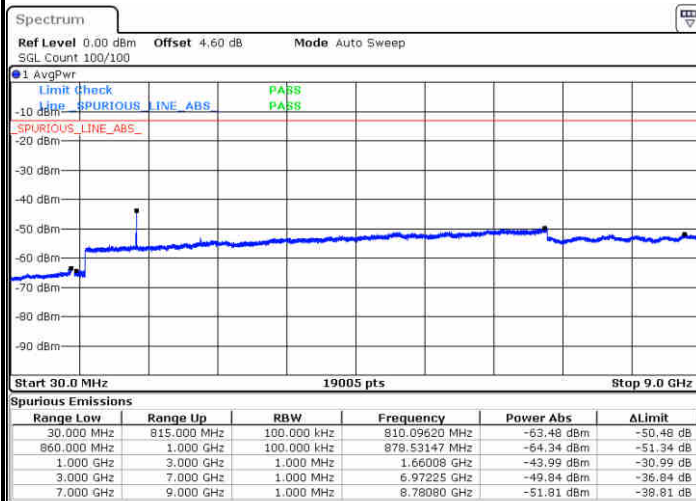
Date: 7.MAR.2020 14:41:23

Lowest Channel / 16QAM



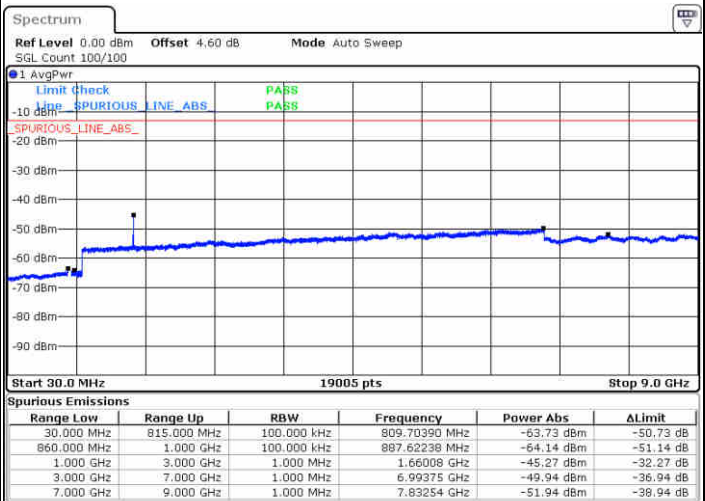
Date: 7.MAR.2020 14:42:17

Middle Channel / QPSK



Date: 7.MAR.2020 14:45:54

Middle Channel / 16QAM

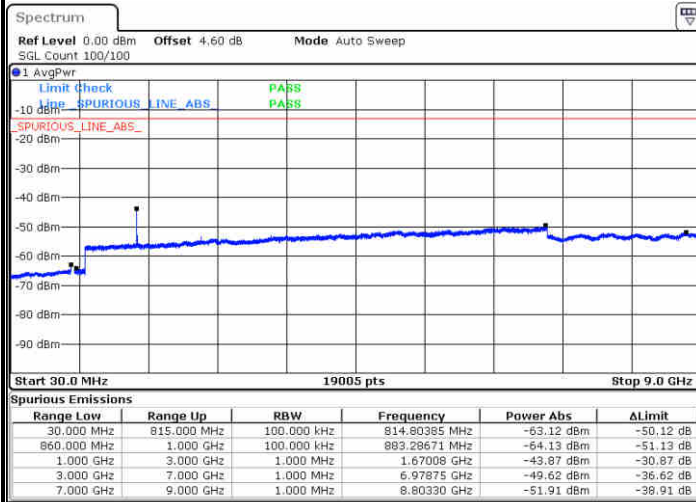


Date: 7.MAR.2020 14:45:00



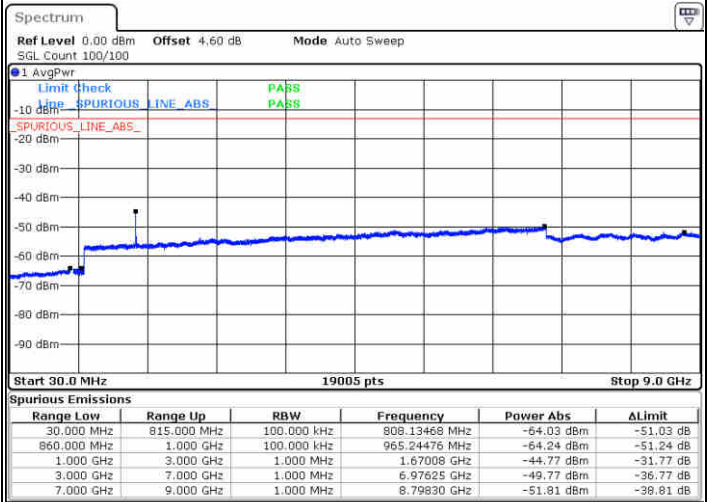
LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 7.MAR.2020 14:46:49

Highest Channel / 16QAM

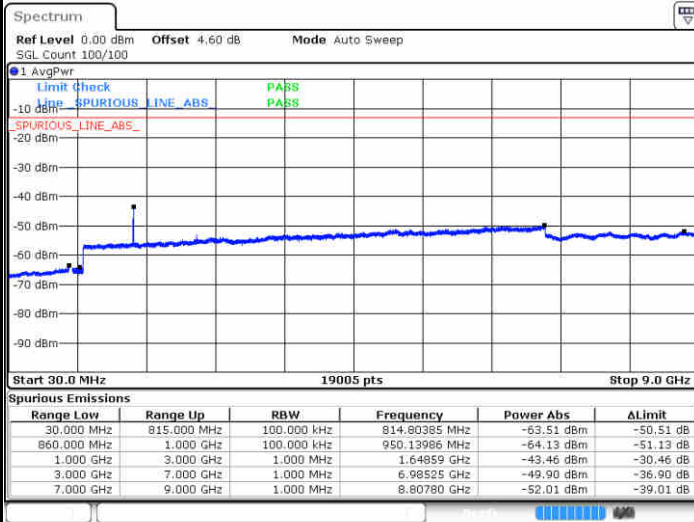


Date: 7.MAR.2020 14:47:43



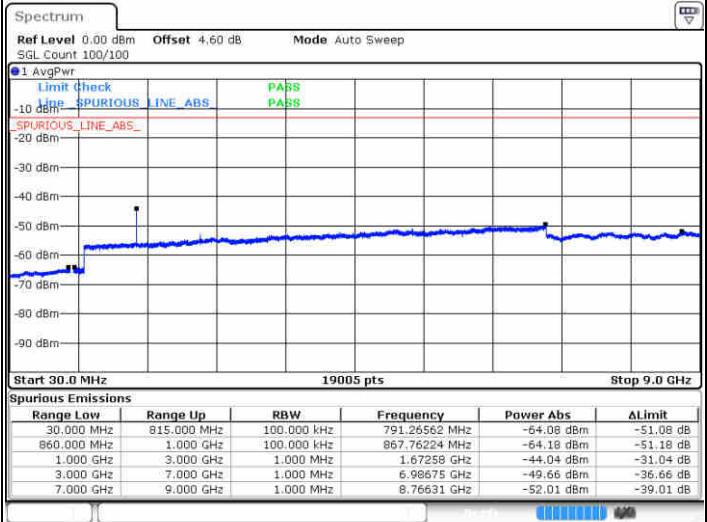
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



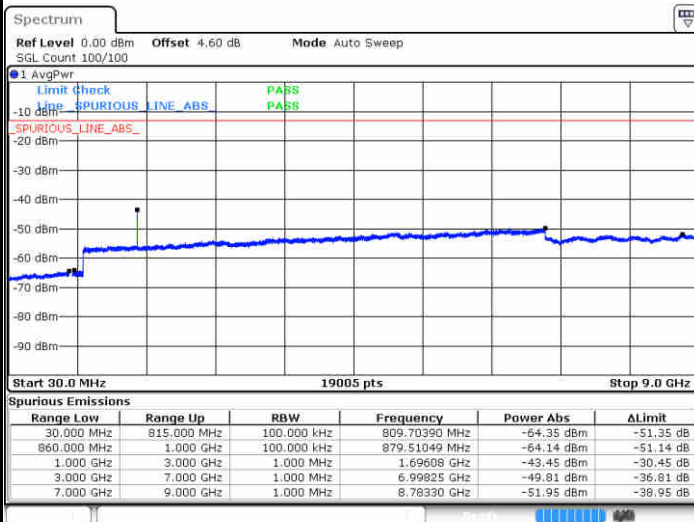
Date: 7.MAR.2020 13:56:34

Middle Channel / 64QAM



Date: 7.MAR.2020 13:57:28

Highest Channel / 64QAM

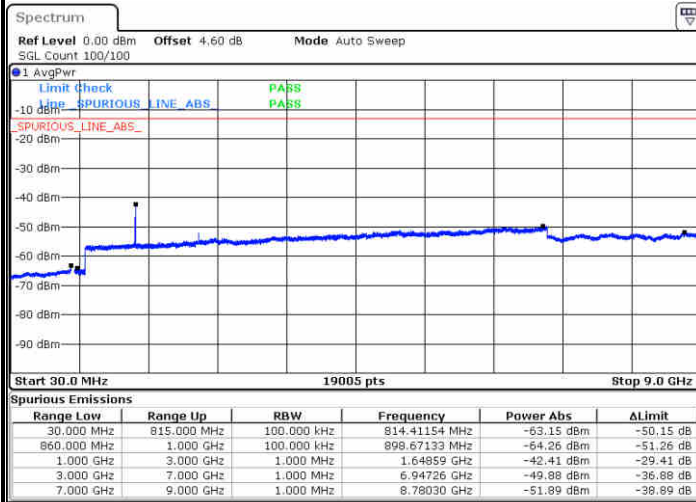


Date: 7.MAR.2020 14:02:00



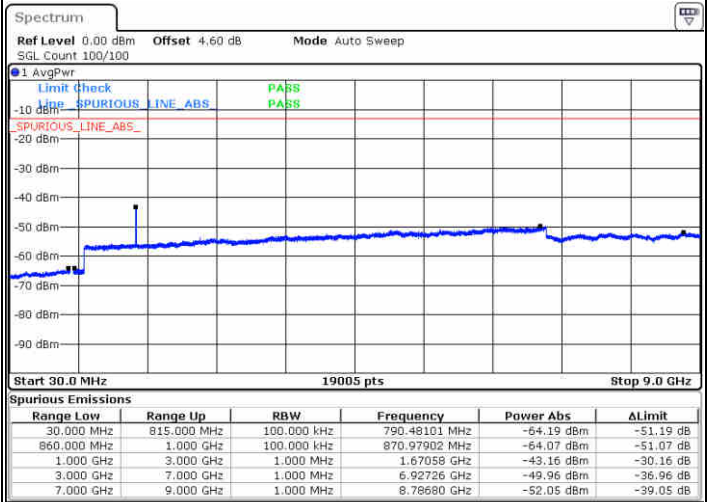
LTE Band 26 / 3MHz

Lowest Channel / 64QAM



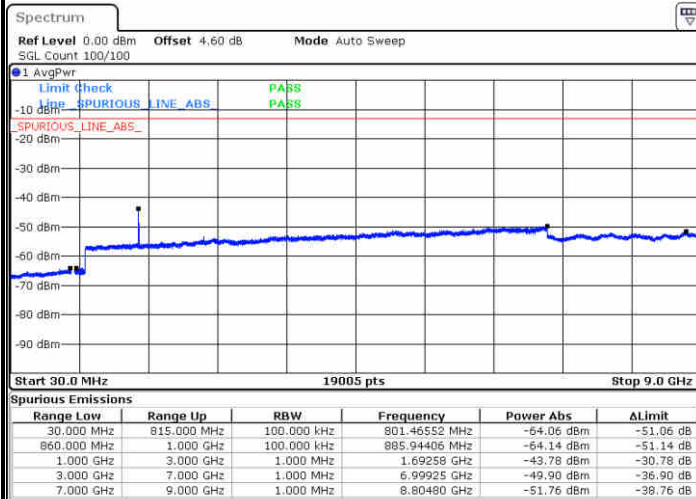
Date: 7.MAR.2020 14:07:54

Middle Channel / 64QAM



Date: 7.MAR.2020 14:12:26

Highest Channel / 64QAM

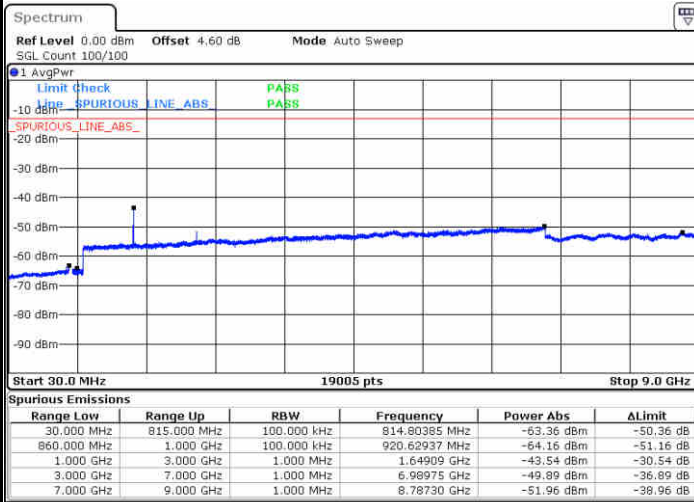


Date: 7.MAR.2020 14:13:21



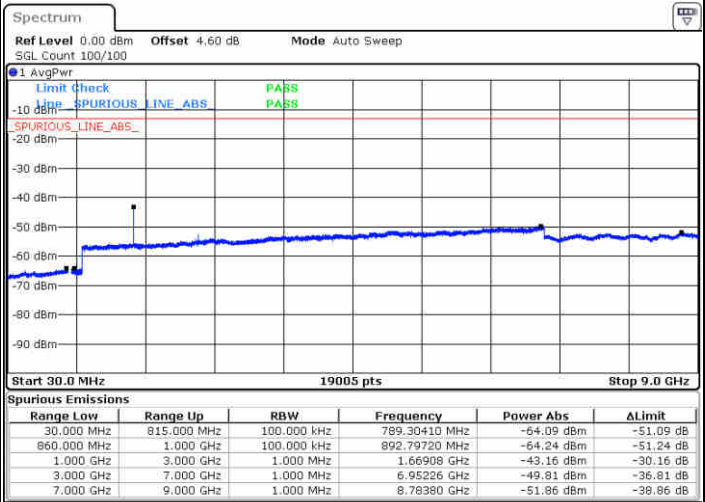
LTE Band 26 / 5MHz

Lowest Channel / 64QAM



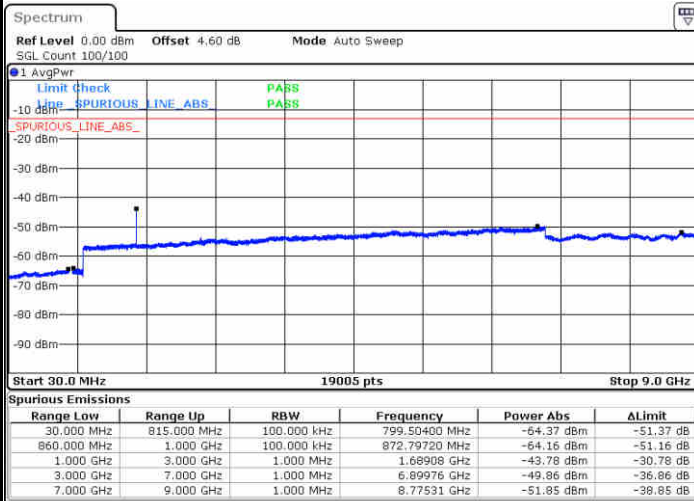
Date: 7.MAR.2020 14:20:53

Middle Channel / 64QAM



Date: 7.MAR.2020 14:21:47

Highest Channel / 64QAM

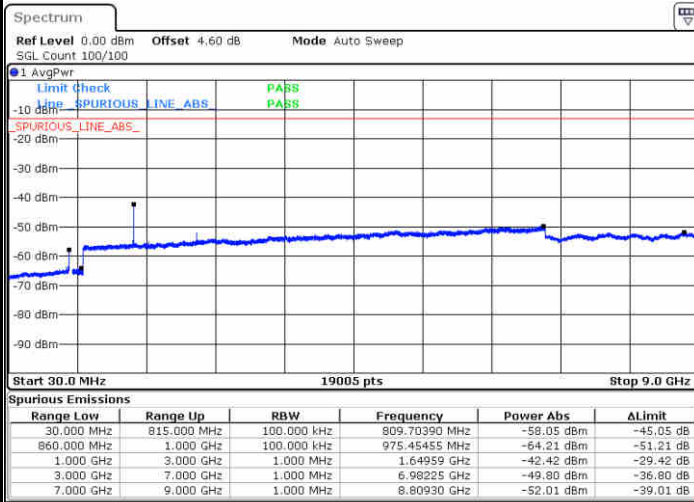


Date: 7.MAR.2020 14:26:19



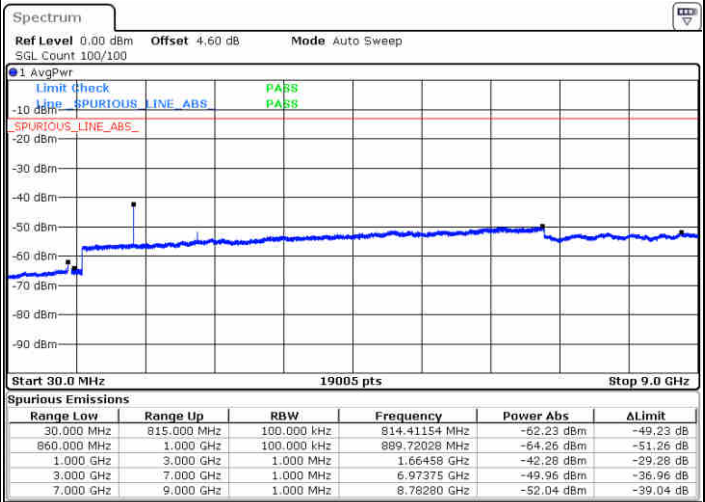
LTE Band 26 / 10MHz

Lowest Channel / 64QAM



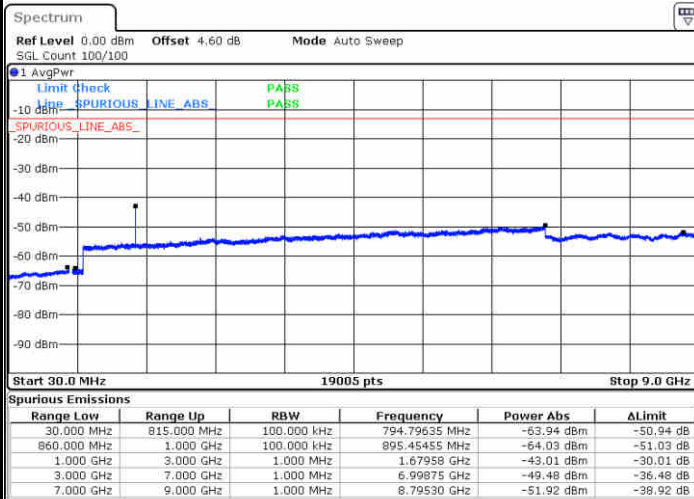
Date: 7.MAR.2020 14:32:02

Middle Channel / 64QAM



Date: 7.MAR.2020 14:32:56

Highest Channel / 64QAM

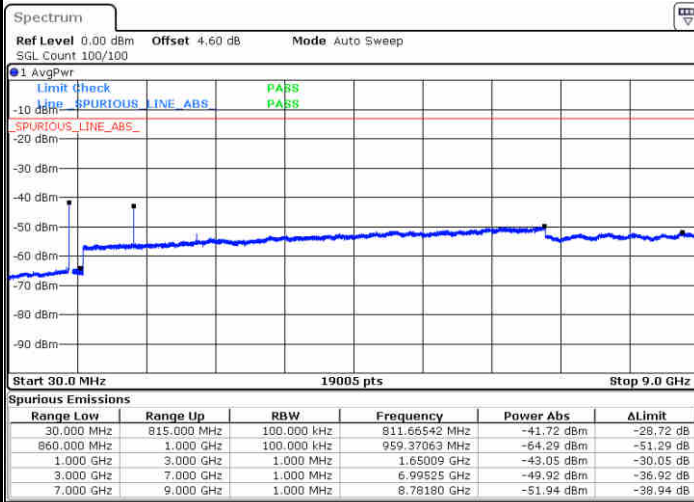


Date: 7.MAR.2020 14:37:28



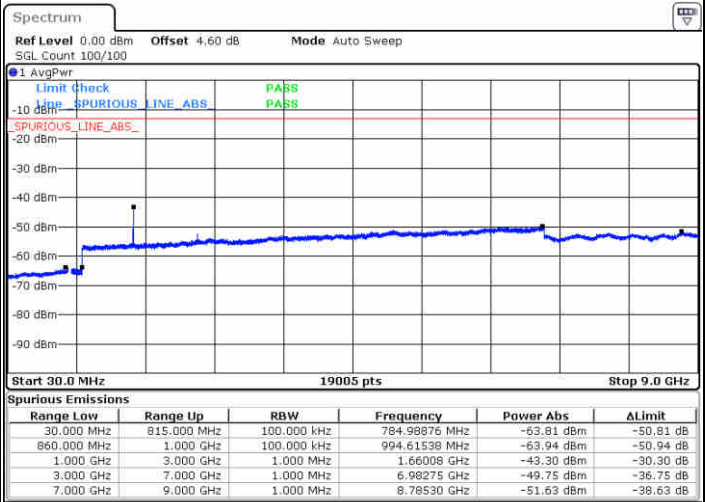
LTE Band 26 / 15MHz

Lowest Channel / 64QAM



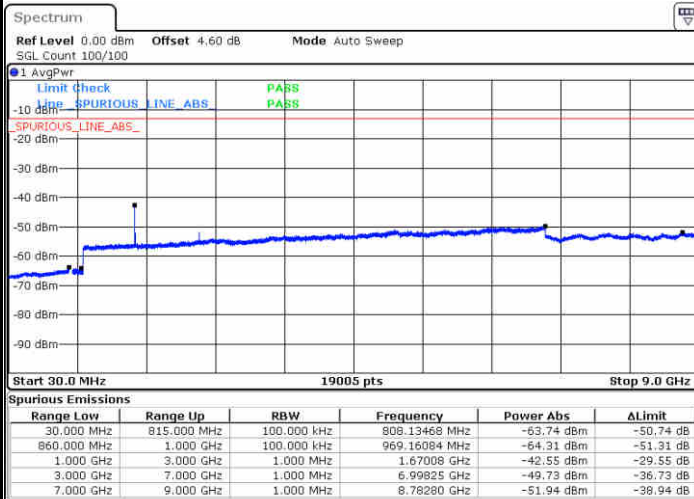
Date: 7.MAR.2020 14:43:11

Middle Channel / 64QAM



Date: 7.MAR.2020 14:44:06

Highest Channel / 64QAM

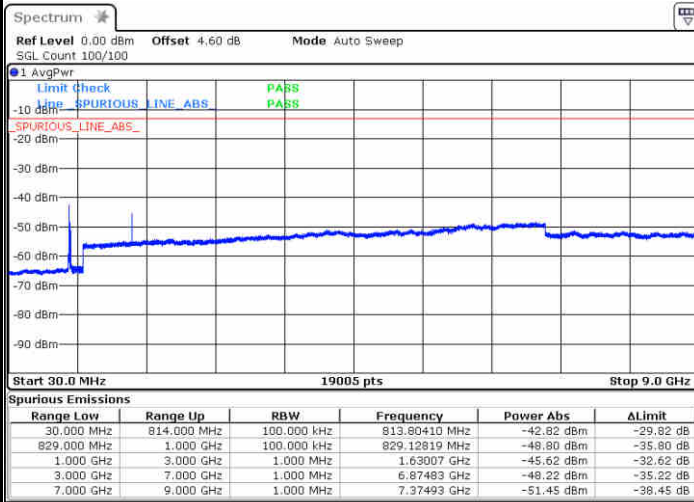


Date: 7.MAR.2020 14:48:38



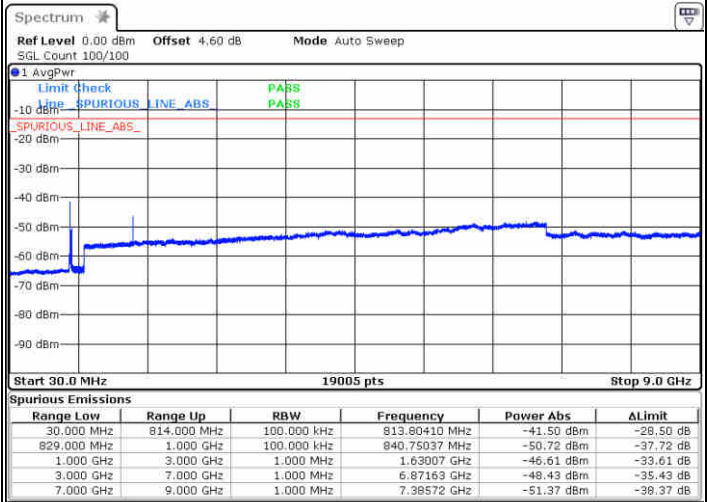
LTE Band 26 / 15MHz

Channel 26765 / QPSK



Date: 17.JAN.2020 19:12:43

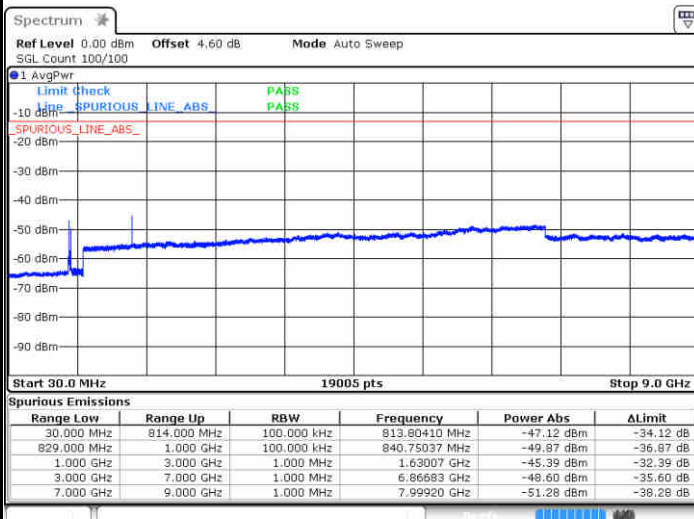
Channel 26765 / 16QAM



Date: 17.JAN.2020 19:13:22

LTE Band 26 / 15MHz

Channel 26765 / 64QAM



Date: 17.JAN.2020 19:14:12

**Frequency Stability**

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0033	PASS
40	Normal Voltage	0.0046	
30	Normal Voltage	0.0051	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0031	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.40 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

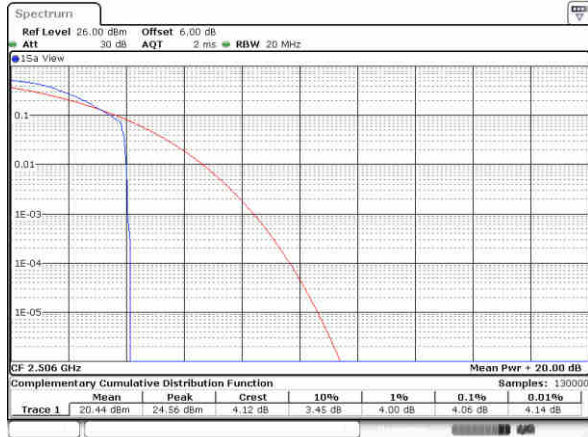
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.06	6.81	6.17	6.99	PASS
Middle CH	3.30	5.22	5.54	6.93	
Highest CH	5.83	4.49	4.64	6.75	
Mod.	64QAM		Limit: 13dB		
RB Size	1RB	Full RB	Result		
Lowest CH	5.59	6.84	PASS		
Middle CH	6.43	6.17			
Highest CH	5.10	5.94			

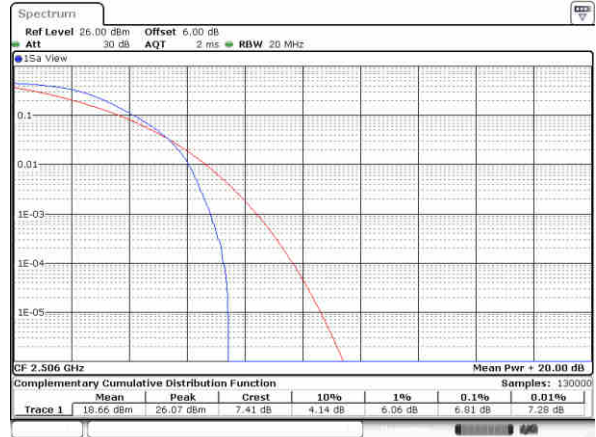


LTE Band 41 / 20MHz / QPSK

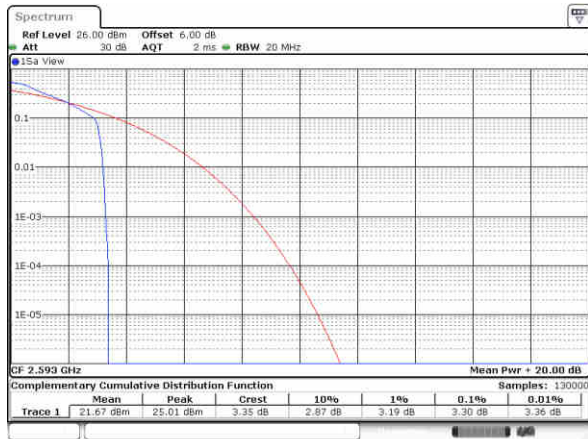
Lowest Channel / 1RB



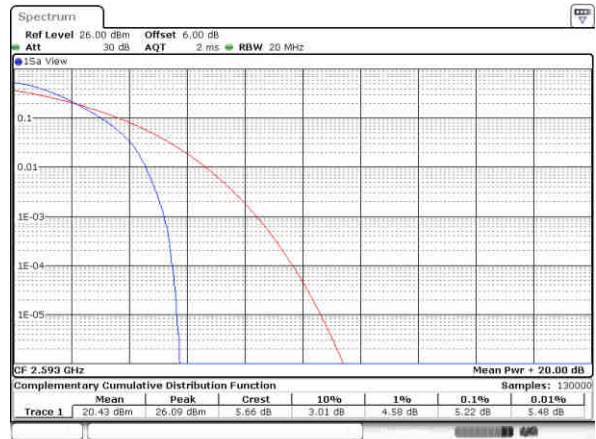
Lowest Channel / Full RB



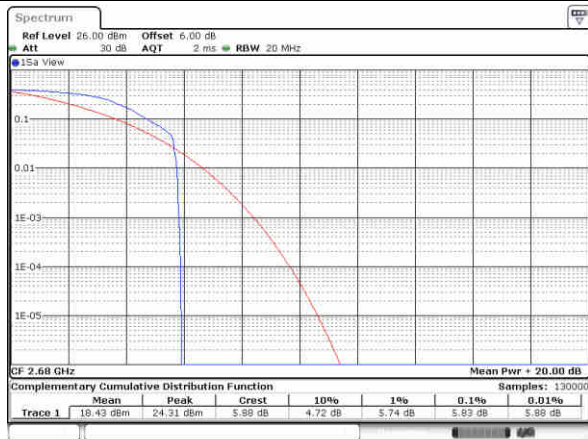
Middle Channel / 1RB



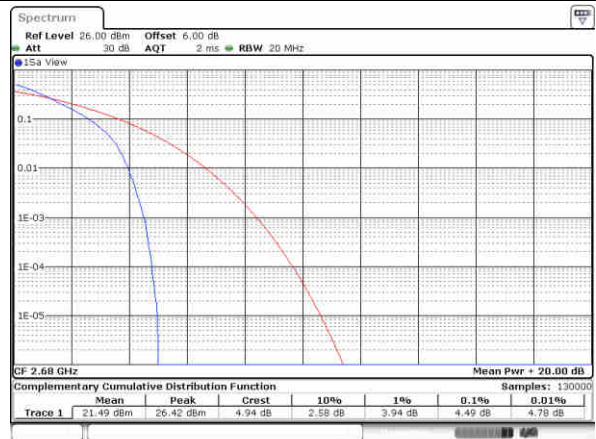
Middle Channel / Full RB



Highest Channel / 1RB



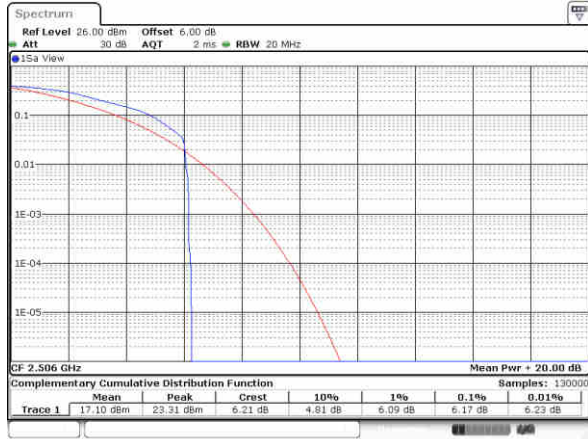
Highest Channel / Full RB



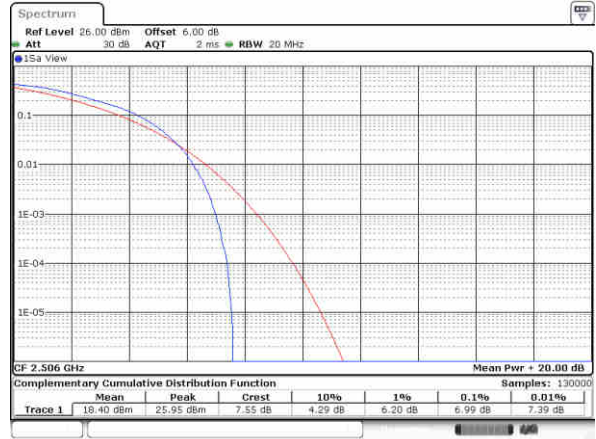


LTE Band 41 / 20MHz / 16QAM

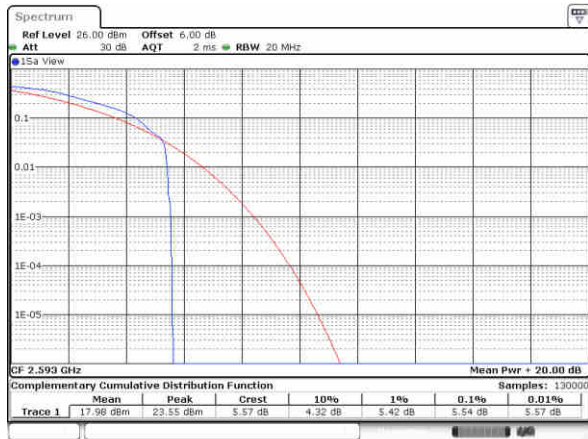
Lowest Channel / 1RB



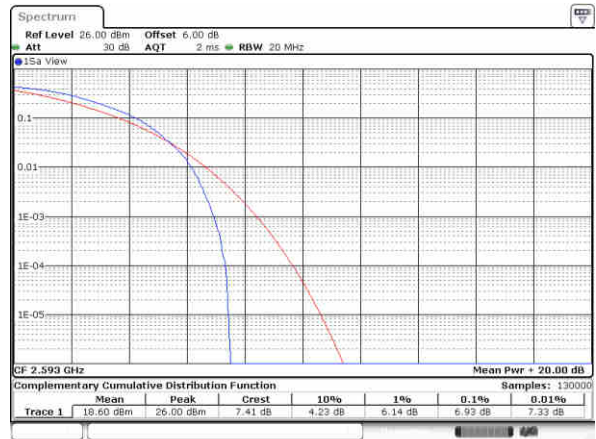
Lowest Channel / Full RB



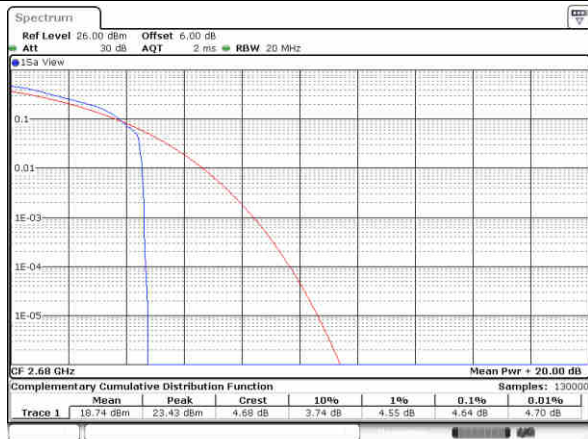
Middle Channel / 1RB



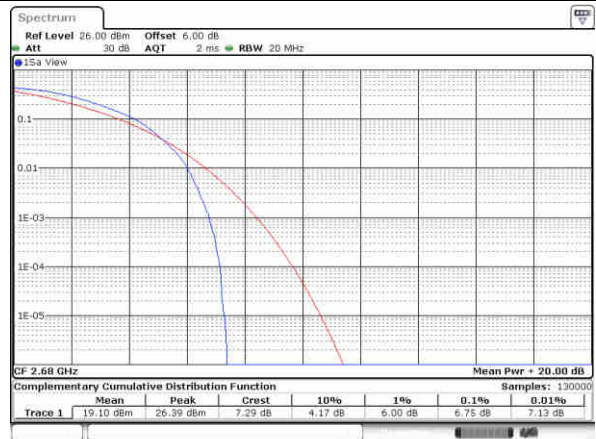
Middle Channel / Full RB



Highest Channel / 1RB



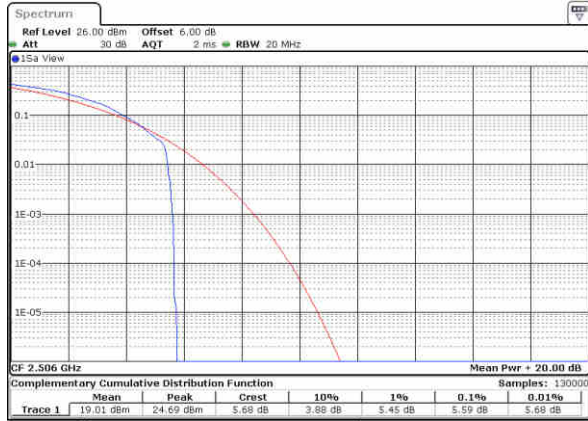
Highest Channel / Full RB





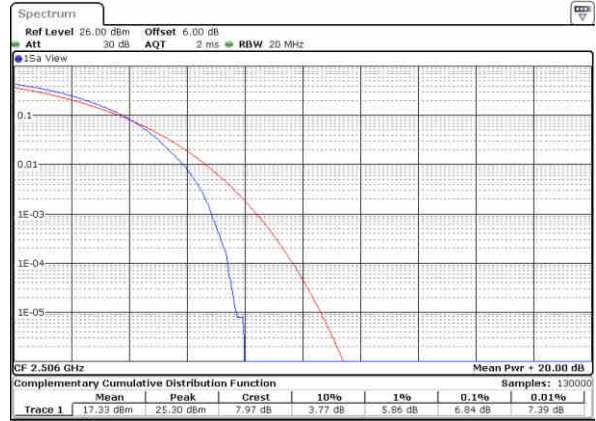
LTE Band 41 / 20MHz / 64QAM

Lowest Channel / 1RB



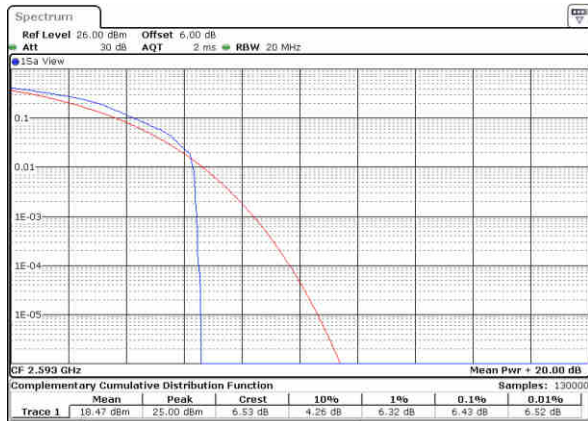
Date: 28 FEB 2020 21:41:10

Lowest Channel / Full RB



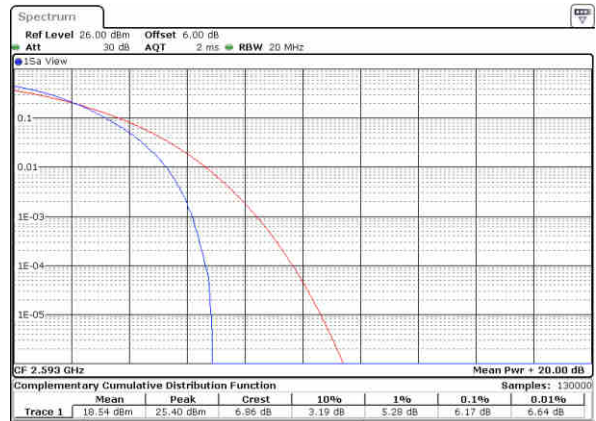
Date: 28 FEB 2020 21:36:11

Middle Channel / 1RB



Date: 28 FEB 2020 21:39:16

Middle Channel / Full RB



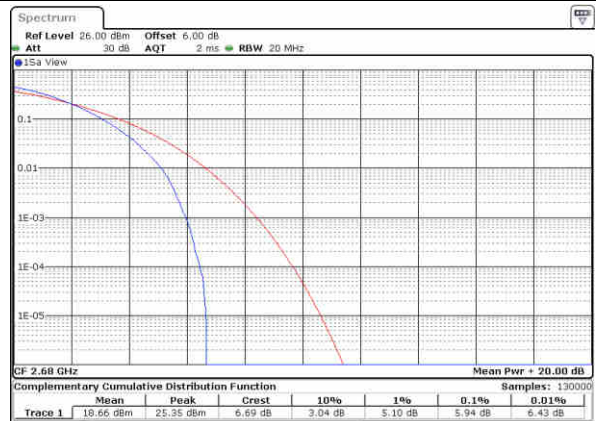
Date: 28 FEB 2020 21:36:44

Highest Channel / 1RB



Date: 28 FEB 2020 21:40:09

Highest Channel / Full RB



Date: 28 FEB 2020 21:37:43

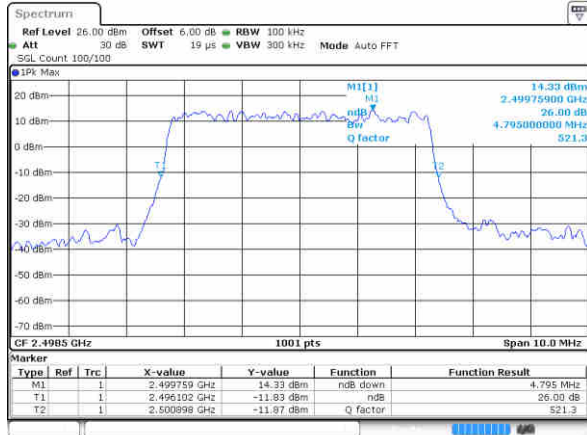
**26dB Bandwidth**

Mode	LTE Band 41 : 26dB BW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.80	4.83	9.77	9.77	14.36	14.39	20.18	20.18	4.95	9.63	14.21	20.14
Middle CH	4.76	4.88	9.71	9.61	14.39	14.42	20.18	20.10	4.73	9.61	14.18	20.14
Highest CH	4.92	4.81	9.63	9.75	14.39	14.30	20.10	20.18	4.95	9.67	14.27	20.26



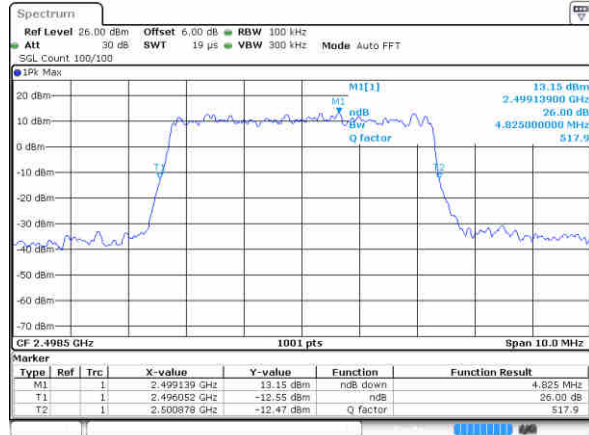
LTE Band 41

Lowest Channel / 5MHz / QPSK



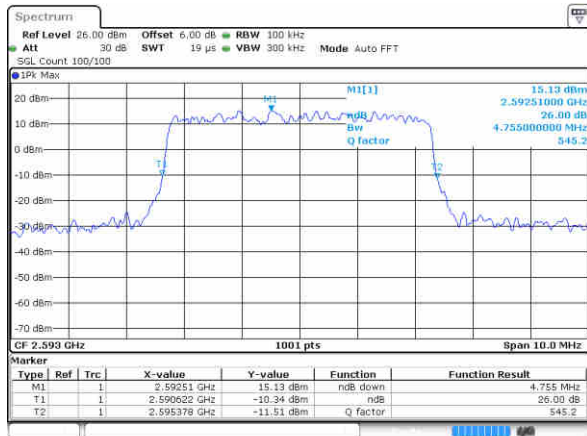
Date: 28 FEB 2020 21:17:15

Lowest Channel / 5MHz / 16QAM



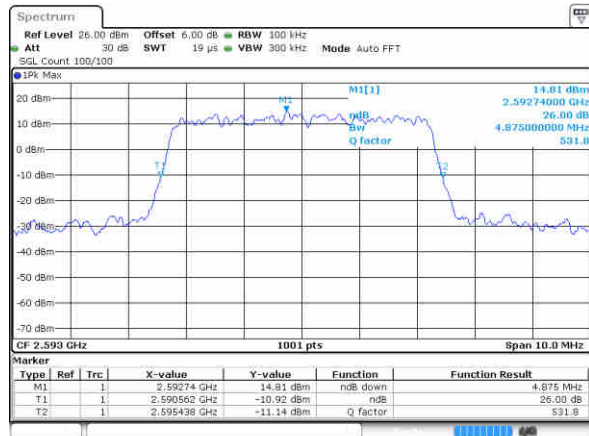
Date: 28 FEB 2020 21:17:35

Middle Channel / 5MHz / QPSK



Date: 28 FEB 2020 21:18:15

Middle Channel / 5MHz / 16QAM



Date: 28 FEB 2020 21:18:35

Highest Channel / 5MHz / QPSK



Date: 28 FEB 2020 21:19:15

Highest Channel / 5MHz / 16QAM

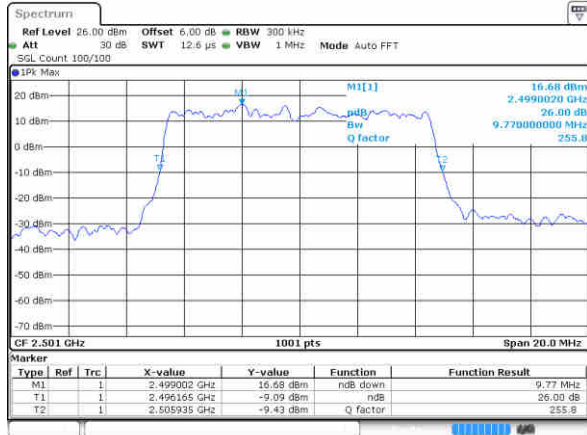


Date: 28 FEB 2020 21:19:35

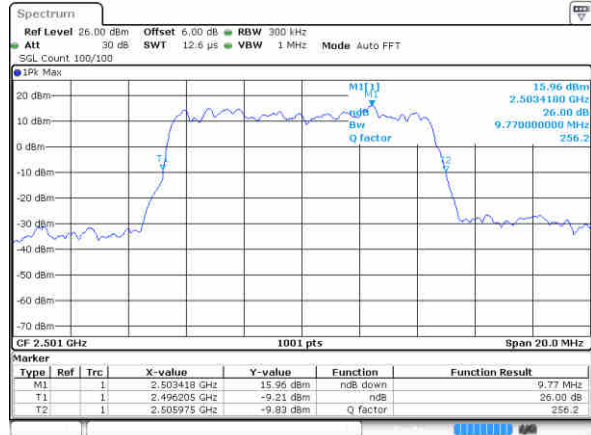


LTE Band 41

Lowest Channel / 10MHz / QPSK



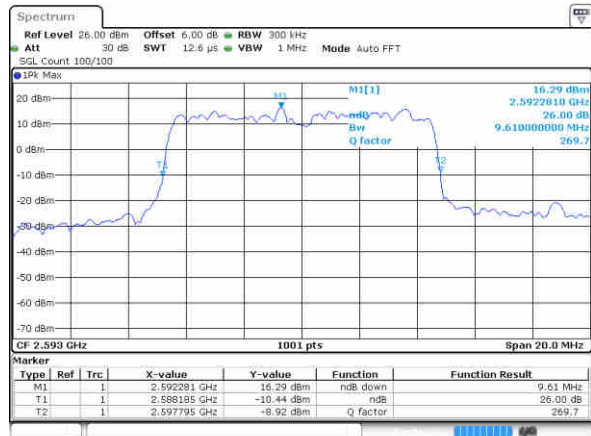
Lowest Channel / 10MHz / 16QAM



Middle Channel / 10MHz / QPSK



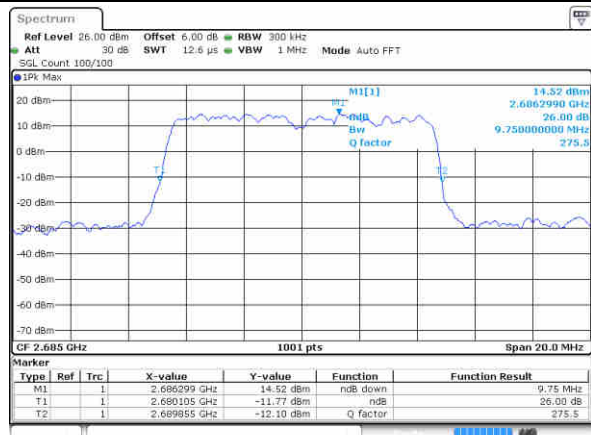
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



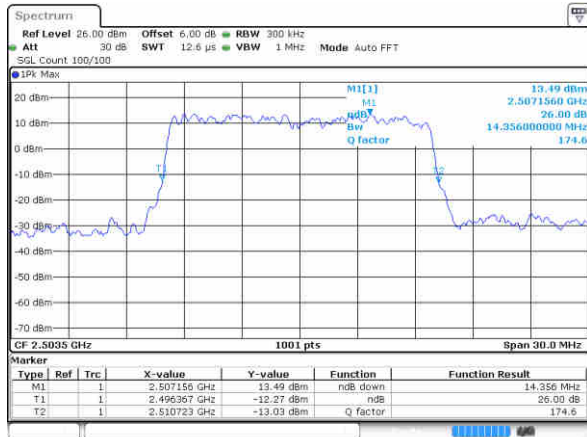
Highest Channel / 10MHz / 16QAM





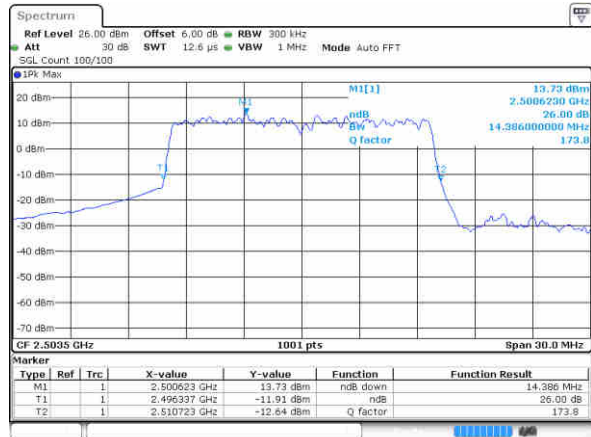
LTE Band 41

Lowest Channel / 15MHz / QPSK



Date: 28 FEB 2020 21:23:16

Lowest Channel / 15MHz / 16QAM



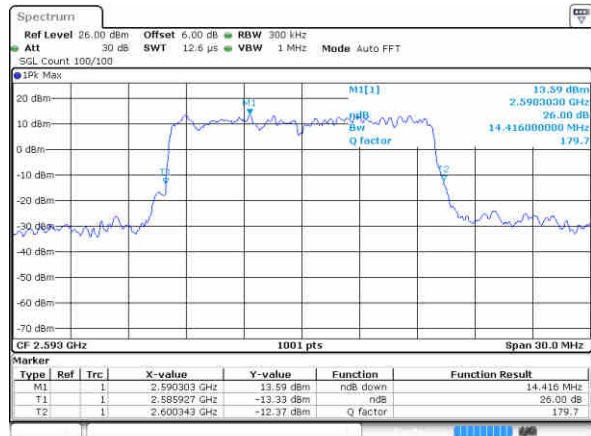
Date: 28 FEB 2020 21:23:36

Middle Channel / 15MHz / QPSK



Date: 28 FEB 2020 21:24:16

Middle Channel / 15MHz / 16QAM



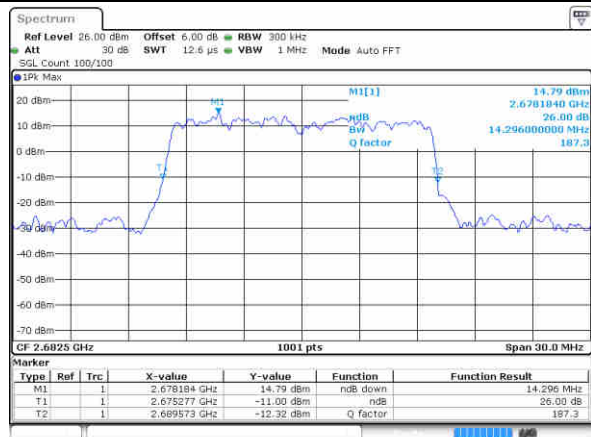
Date: 28 FEB 2020 21:24:36

Highest Channel / 15MHz / QPSK



Date: 28 FEB 2020 21:25:16

Highest Channel / 15MHz / 16QAM

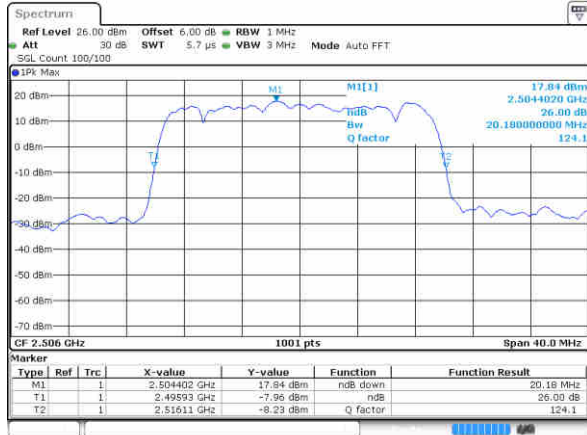


Date: 28 FEB 2020 21:25:35

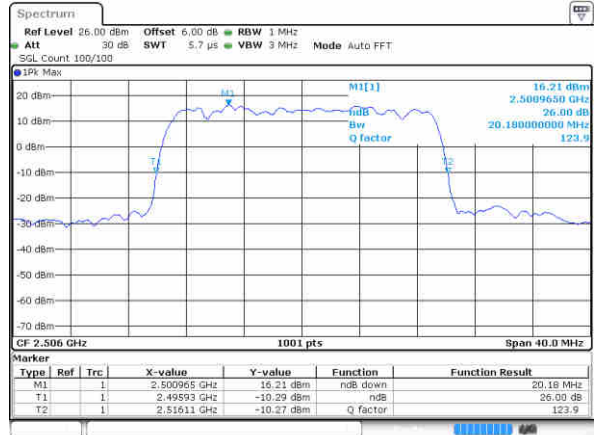


LTE Band 41

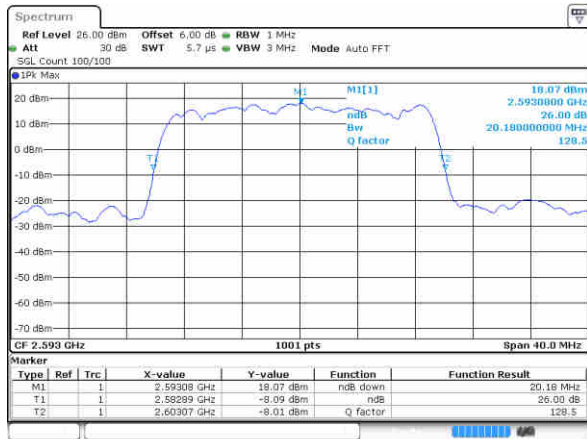
Lowest Channel / 20MHz / QPSK



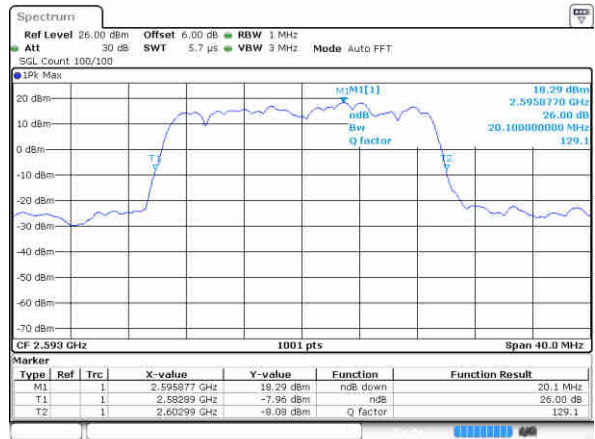
Lowest Channel / 20MHz / 16QAM



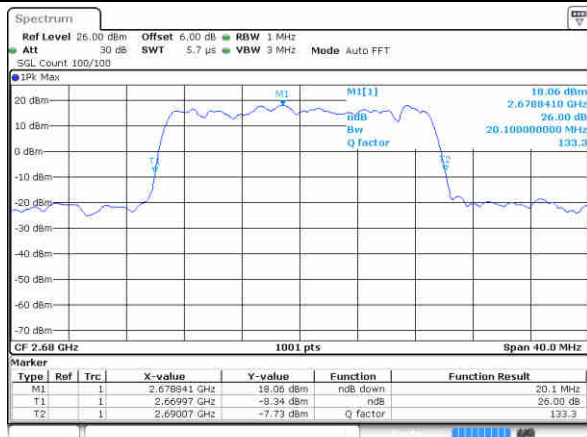
Middle Channel / 20MHz / QPSK



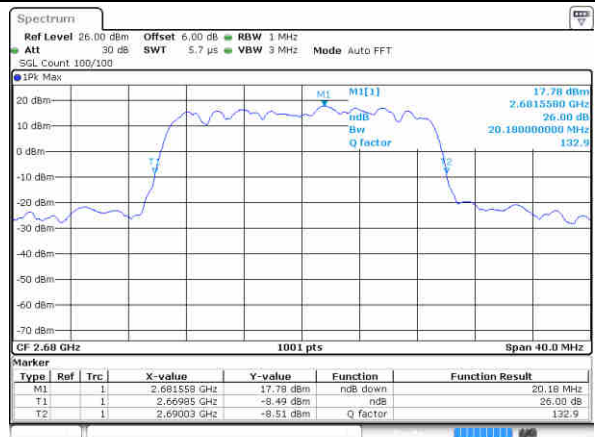
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



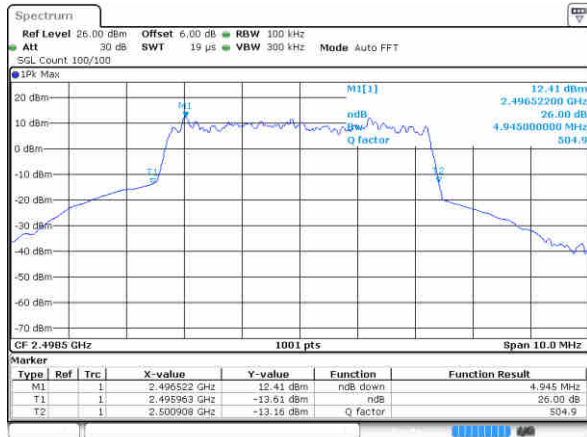
Highest Channel / 20MHz / 16QAM



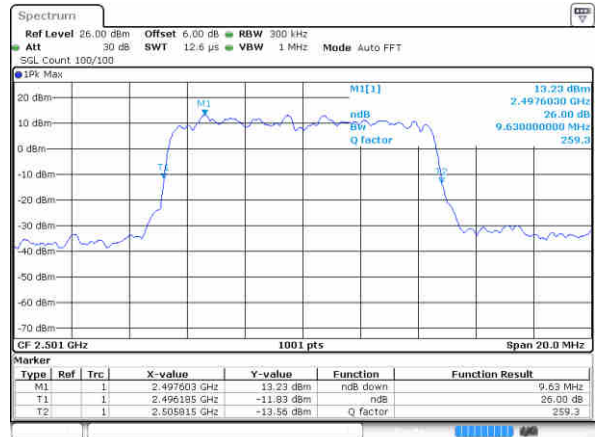


LTE Band 41

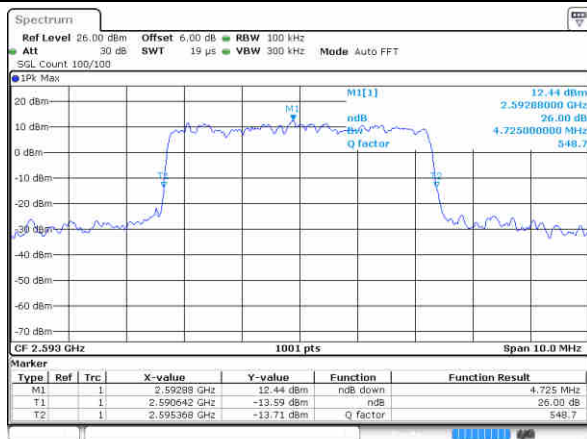
Lowest Channel / 5MHz / QPSK



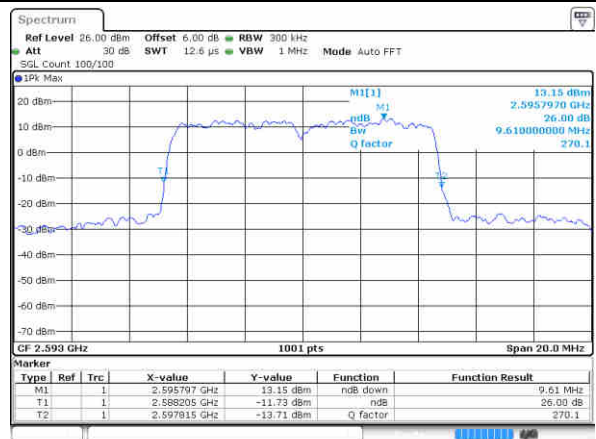
Lowest Channel / 10MHz / 16QAM



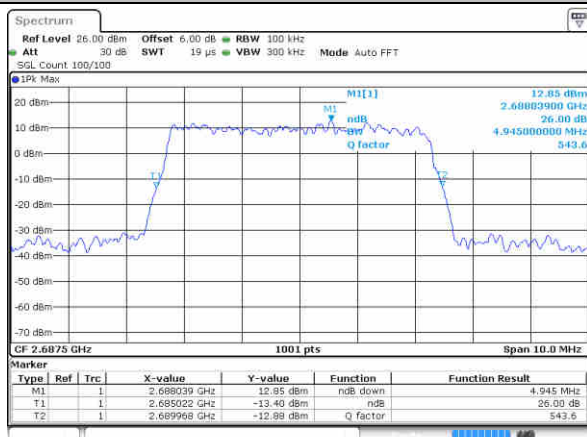
Middle Channel / 5MHz / QPSK



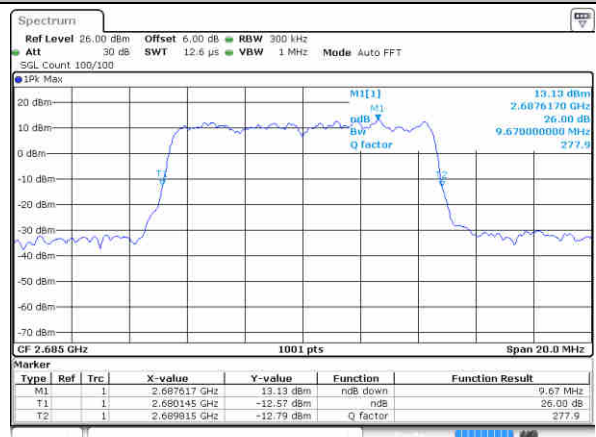
Middle Channel / 10MHz / 16QAM



Highest Channel / 5MHz / QPSK



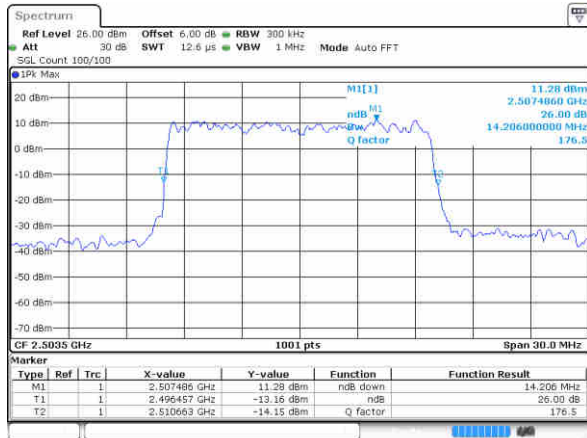
Highest Channel / 10MHz / 16QAM



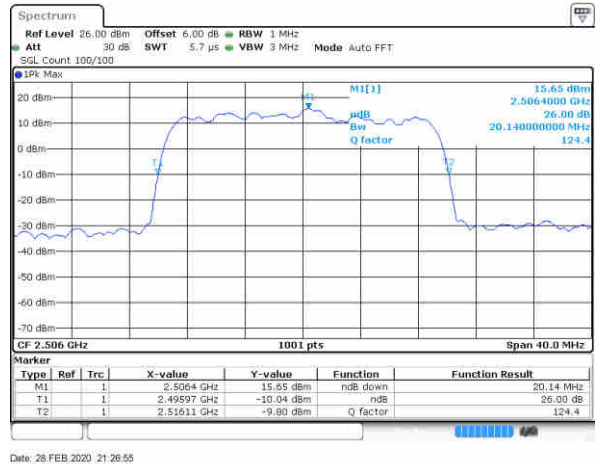


LTE Band 41

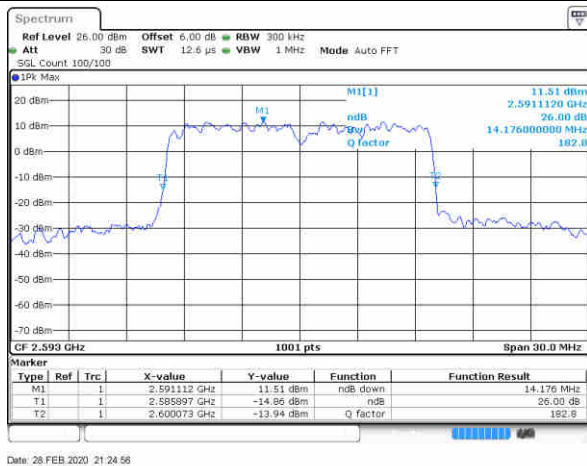
Lowest Channel / 15MHz / QPSK



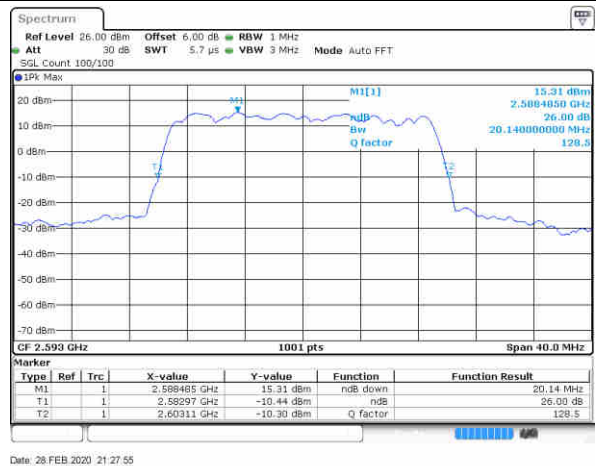
Lowest Channel / 20MHz / 16QAM



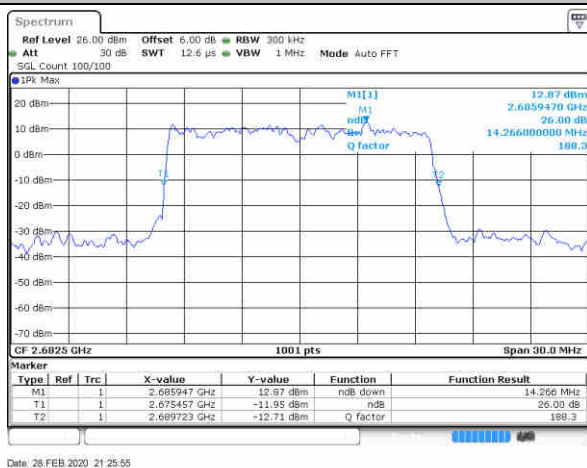
Middle Channel / 15MHz / QPSK



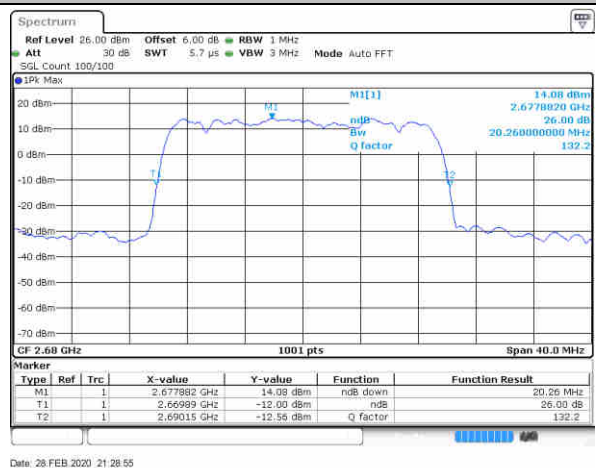
Middle Channel / 20MHz / 16QAM



Highest Channel / 15MHz / QPSK



Highest Channel / 20MHz / 16QAM



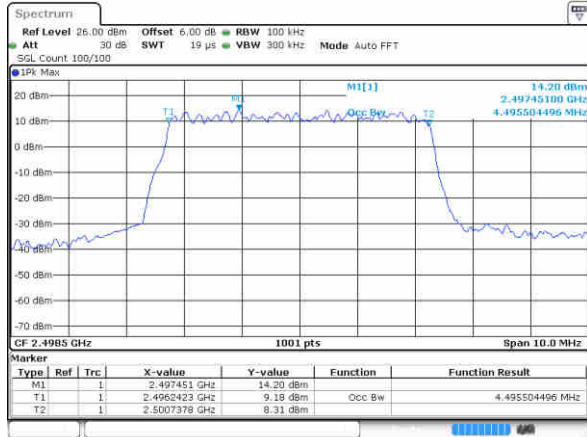
**Occupied Bandwidth**

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.50	4.49	9.05	8.97	13.37	13.40	18.46	18.38	4.47	9.01	13.49	18.34
Middle CH	4.50	4.49	9.03	8.97	13.40	13.46	18.26	18.30	4.52	9.05	13.43	18.46
Highest CH	4.53	4.50	8.93	9.07	13.46	13.46	18.34	18.34	4.52	9.03	13.46	18.34

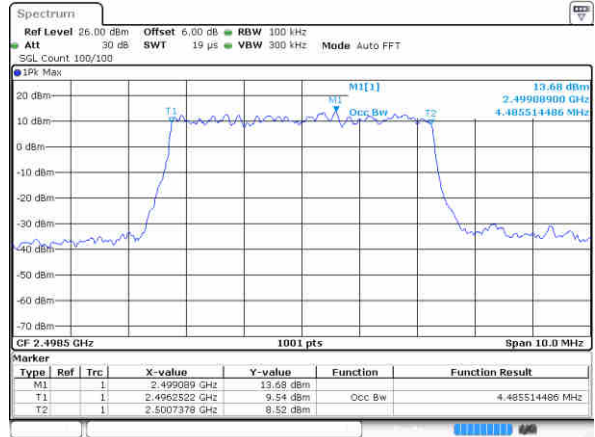


LTE Band 41

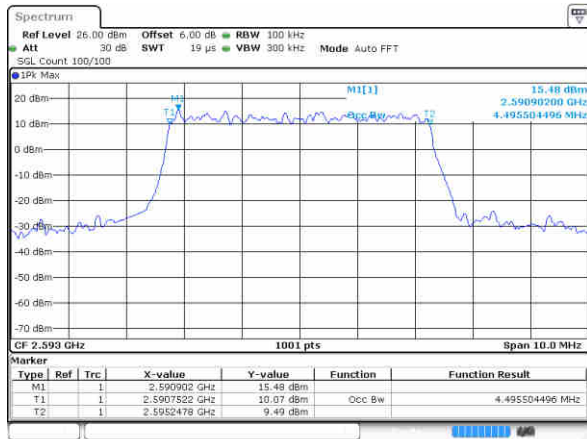
Lowest Channel / 5MHz / QPSK



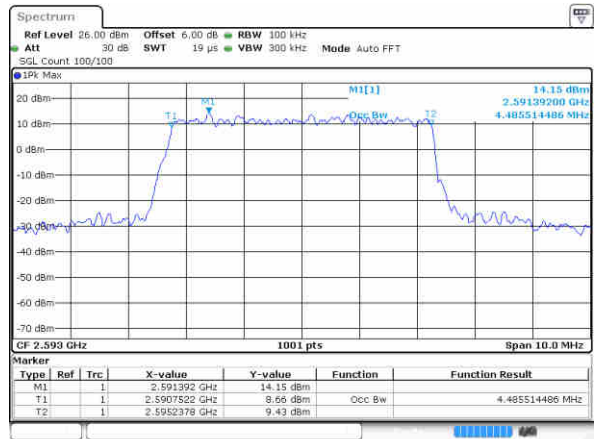
Lowest Channel / 5MHz / 16QAM



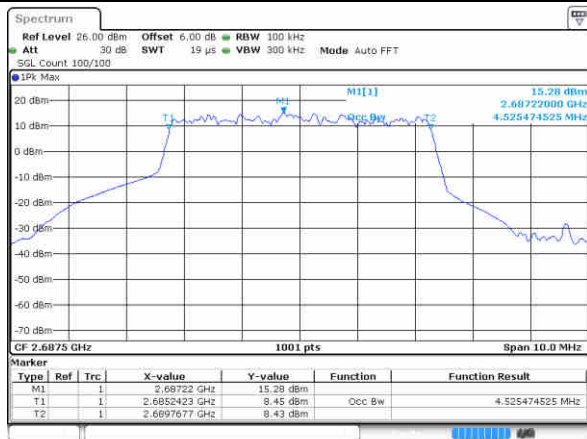
Middle Channel / 5MHz / QPSK



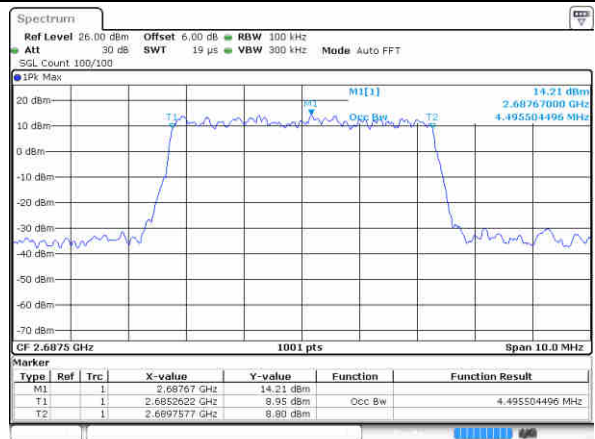
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



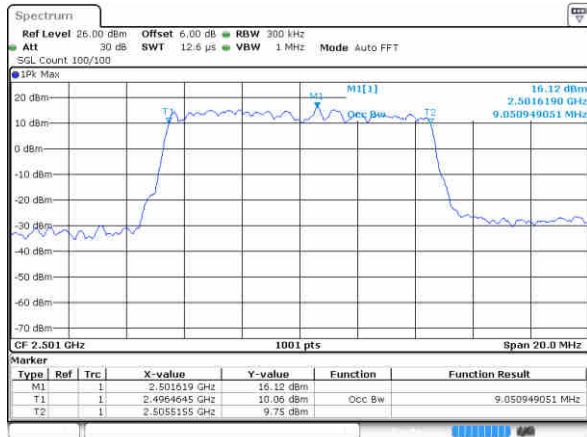
Highest Channel / 5MHz / 16QAM



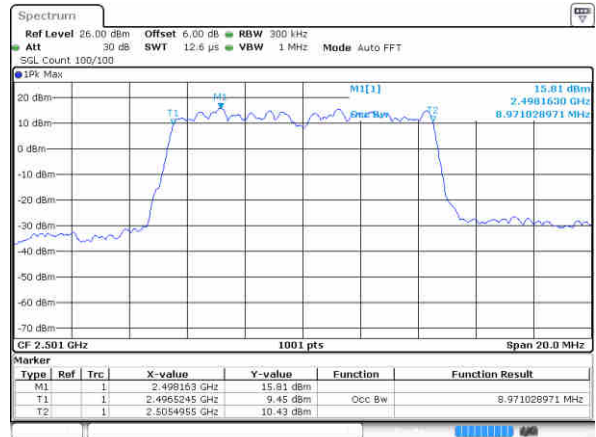


LTE Band 41

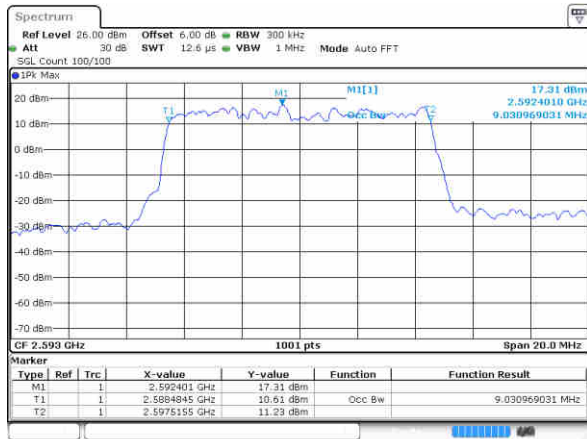
Lowest Channel / 10MHz / QPSK



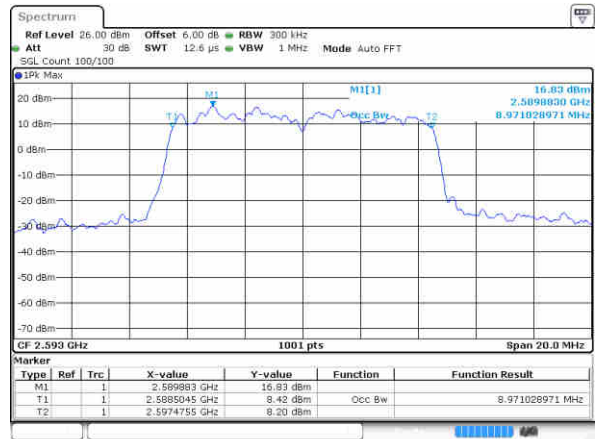
Lowest Channel / 10MHz / 16QAM



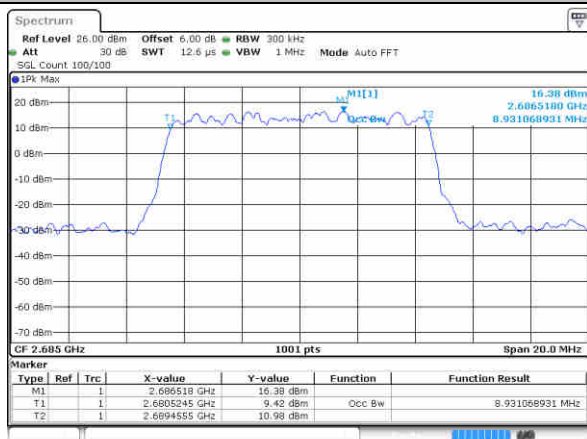
Middle Channel / 10MHz / QPSK



Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



Highest Channel / 10MHz / 16QAM

