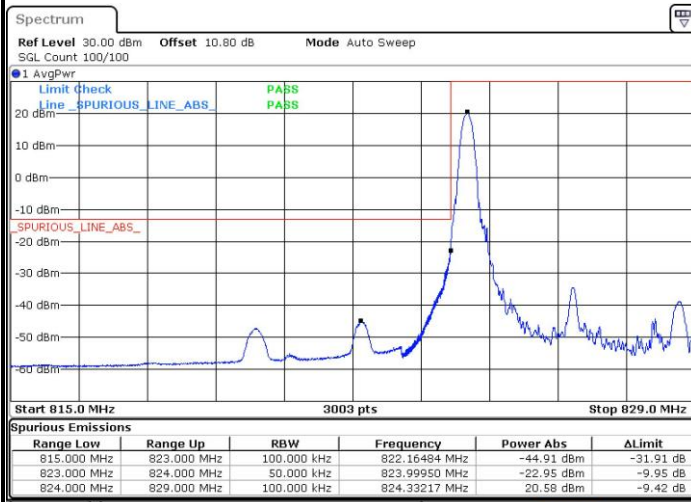


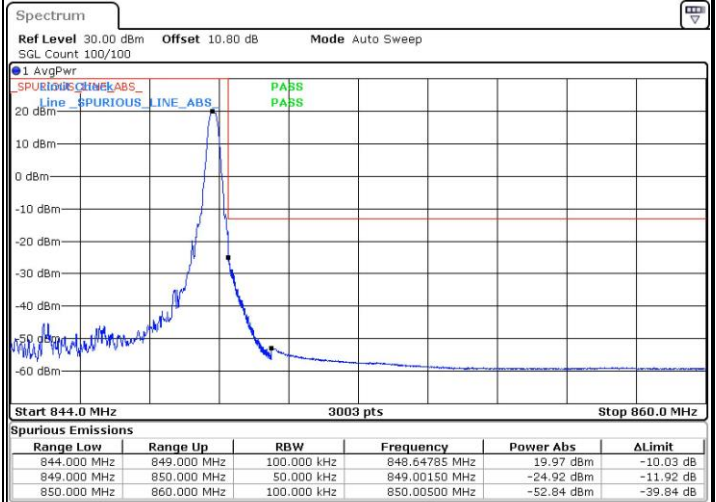


LTE Band 5 / 5MHz / 16QAM

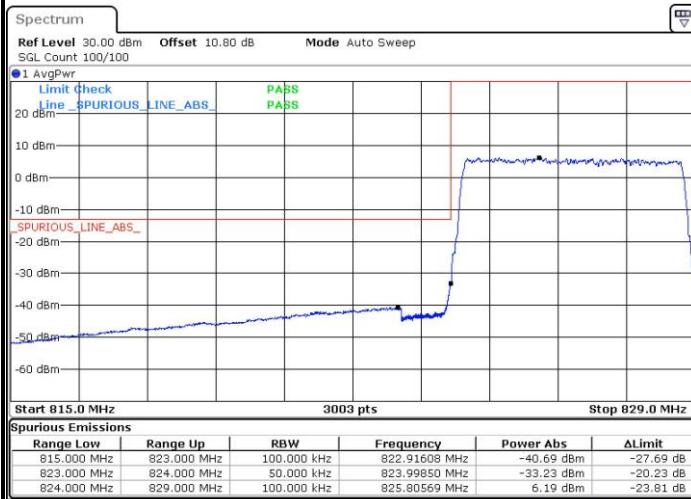
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



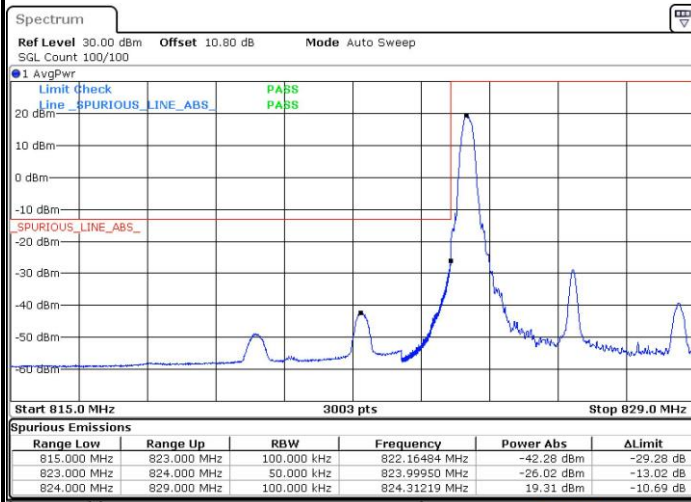
Highest Band Edge / Full RB



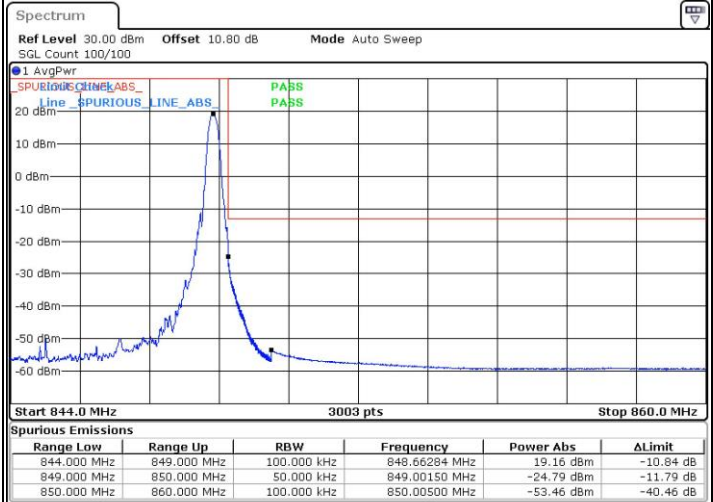


LTE Band 5 / 5MHz / 64QAM

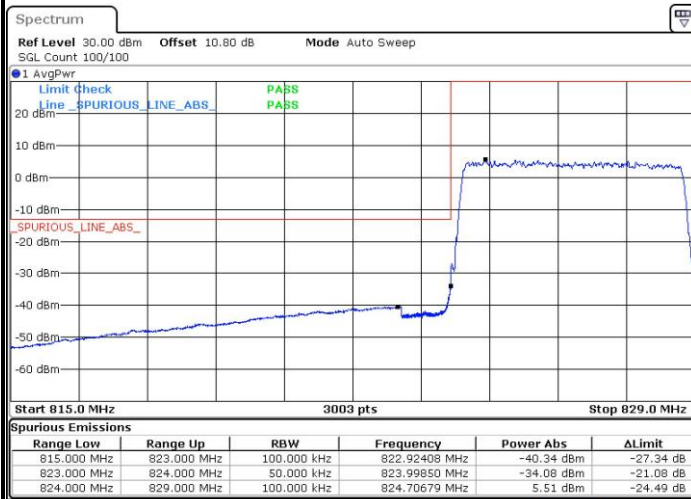
Lowest Band Edge / 1RB



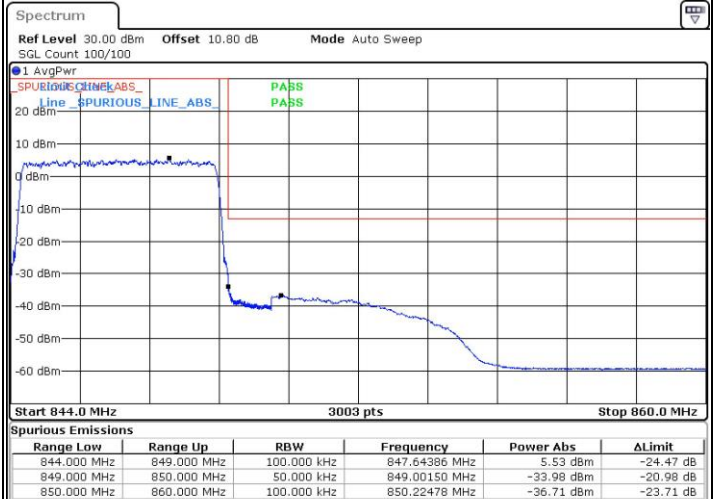
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



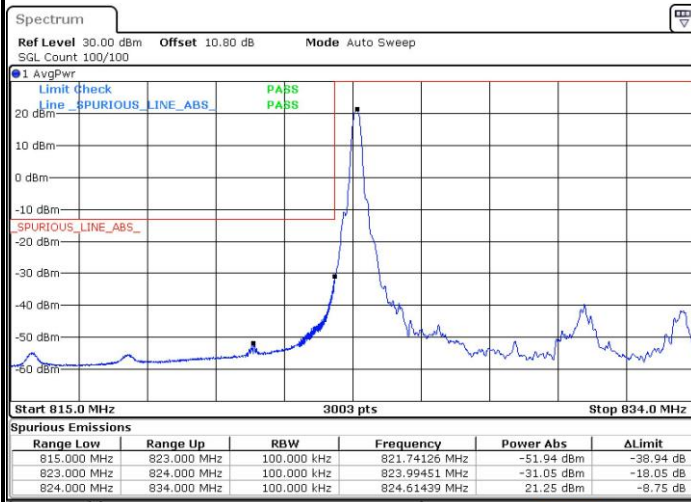
Highest Band Edge / Full RB



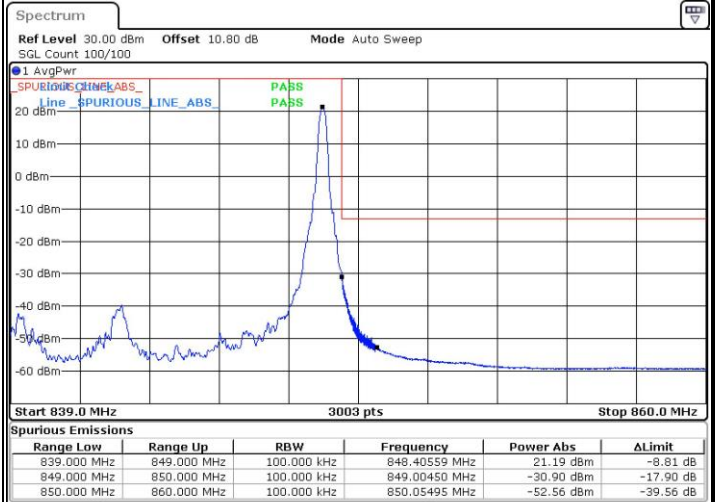


LTE Band 5 / 10MHz / QPSK

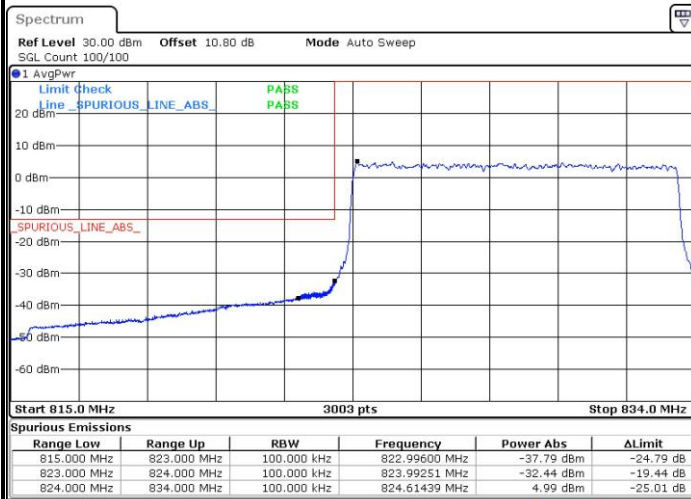
Lowest Band Edge / 1 RB



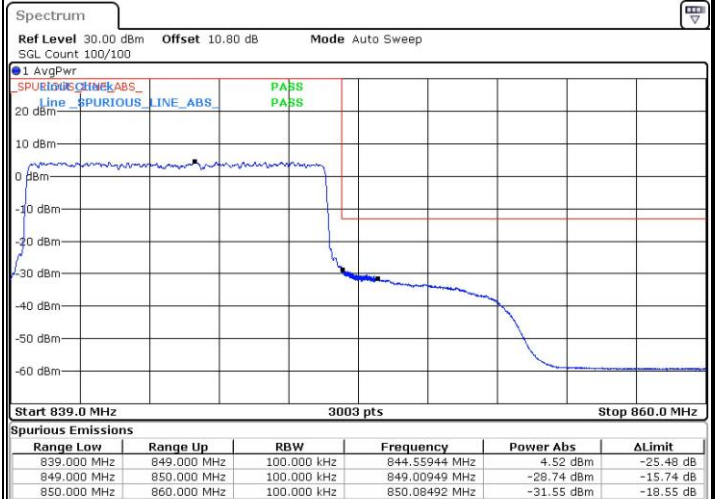
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



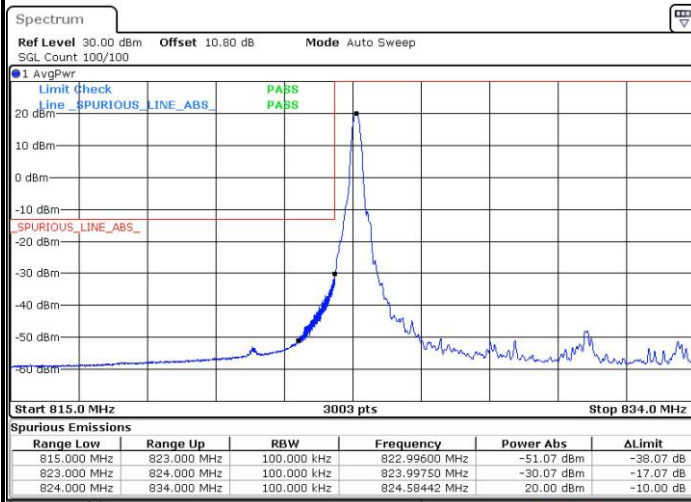
Highest Band Edge / Full RB



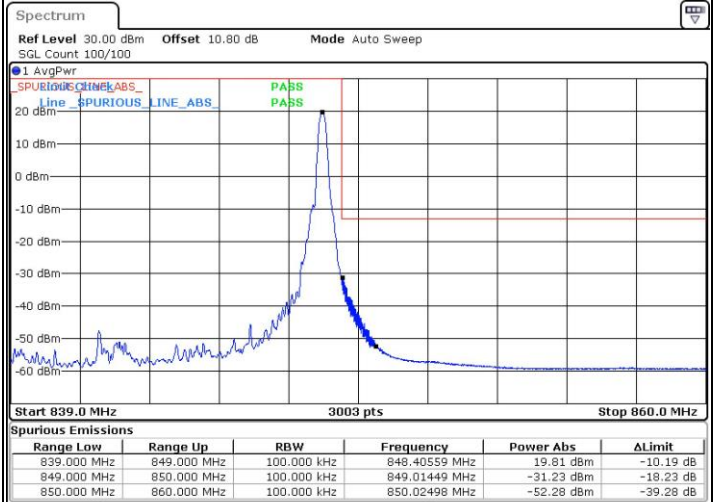


LTE Band 5 / 10MHz / 16QAM

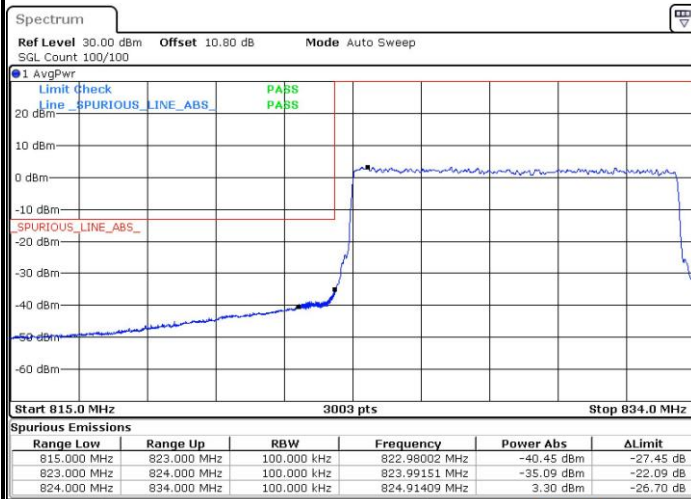
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



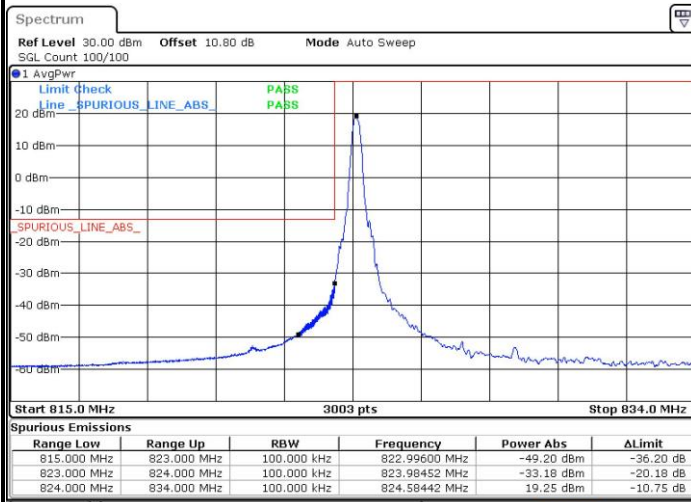
Highest Band Edge / Full RB



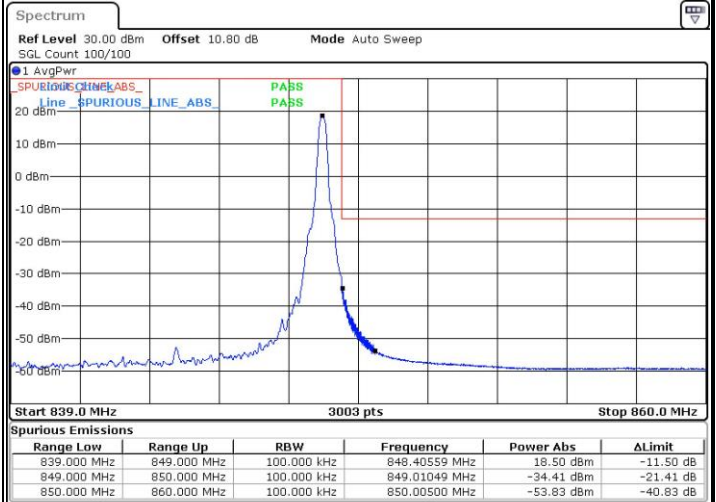


LTE Band 5 / 10MHz / 64QAM

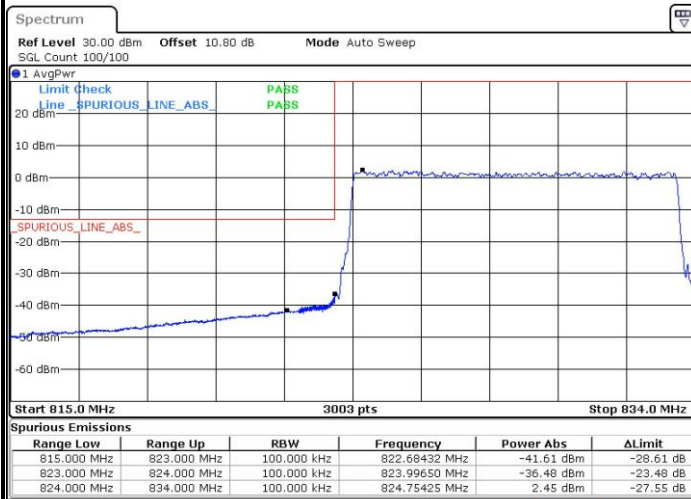
Lowest Band Edge / 1 RB



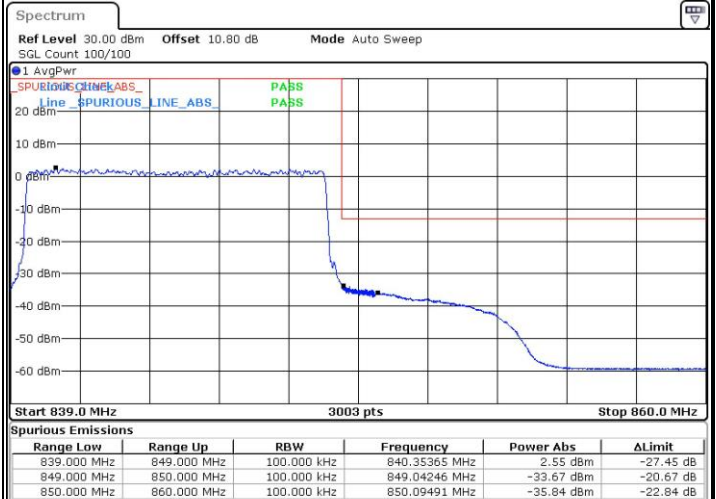
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

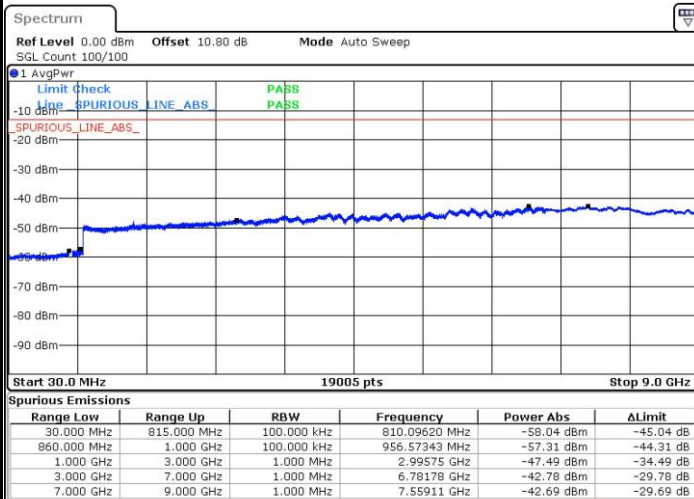




Conducted Spurious Emission

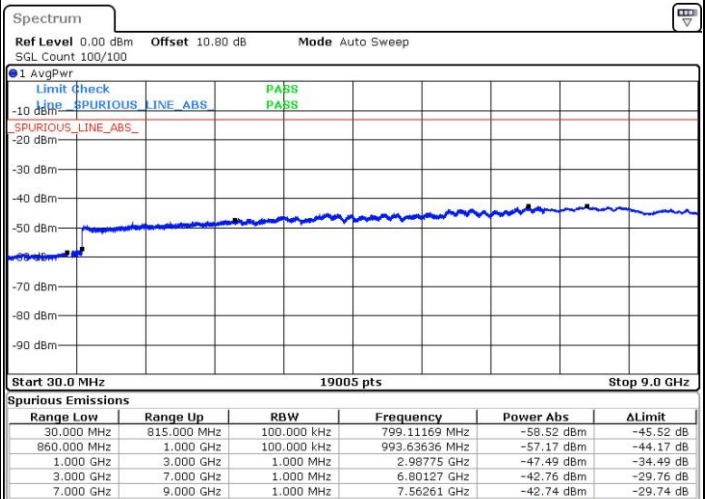
LTE Band 5 / 1.4MHz

Lowest Channel / QPSK



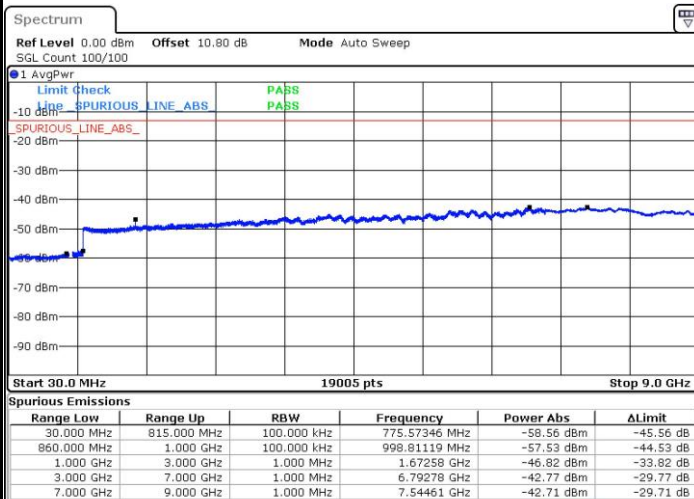
Date: 2 JUL 2019 02:13:31

Lowest Channel / 16QAM



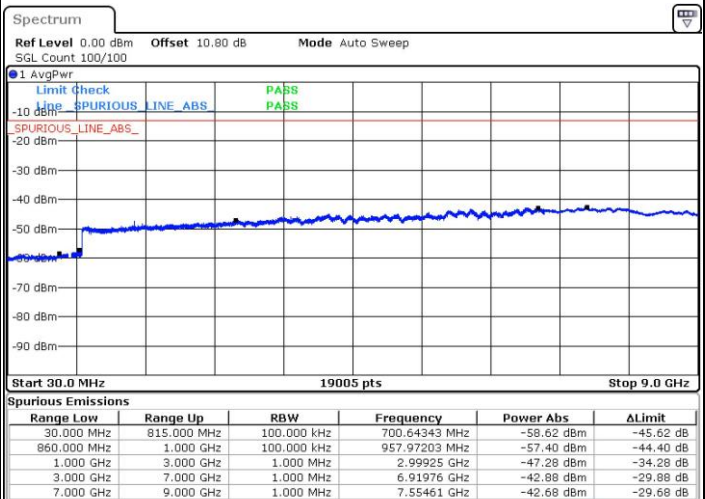
Date: 2 JUL 2019 02:14:17

Middle Channel / QPSK



Date: 2 JUL 2019 02:15:51

Middle Channel / 16QAM

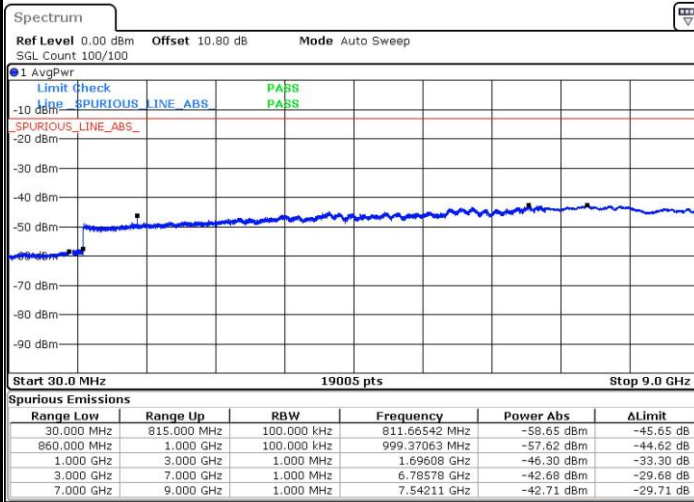


Date: 2 JUL 2019 02:16:37



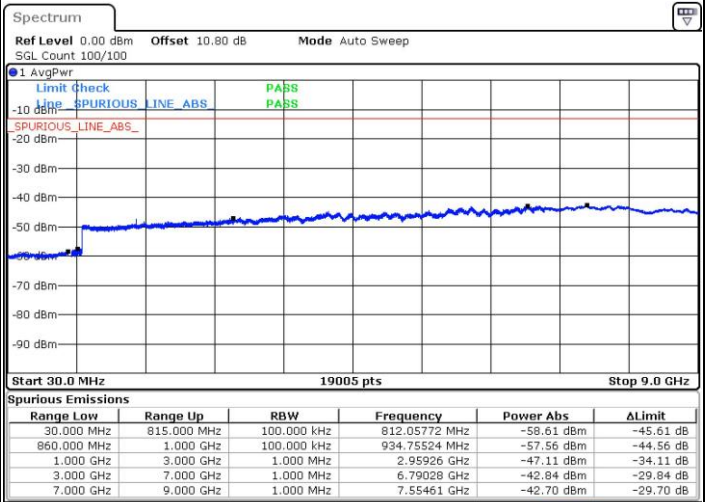
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 2 JUL 2019 02:24:58

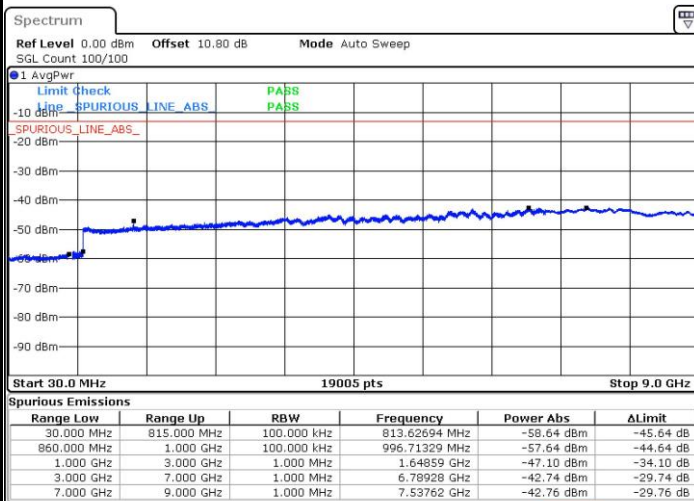
Highest Channel / 16QAM



Date: 2 JUL 2019 02:25:44

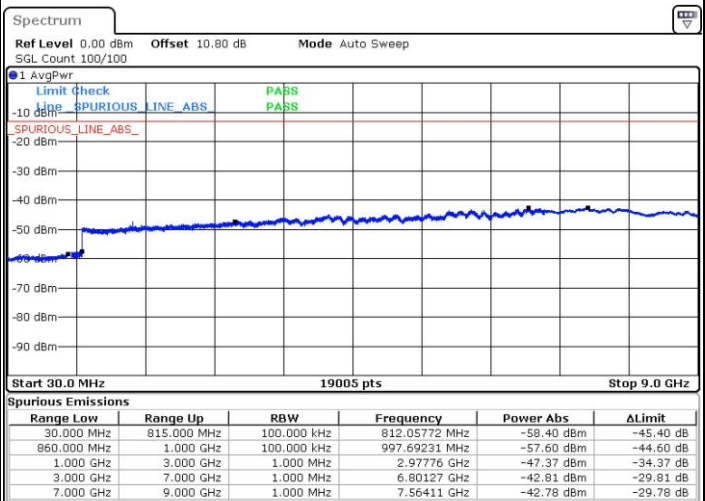
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 2 JUL 2019 00:06:31

Lowest Channel / 16QAM

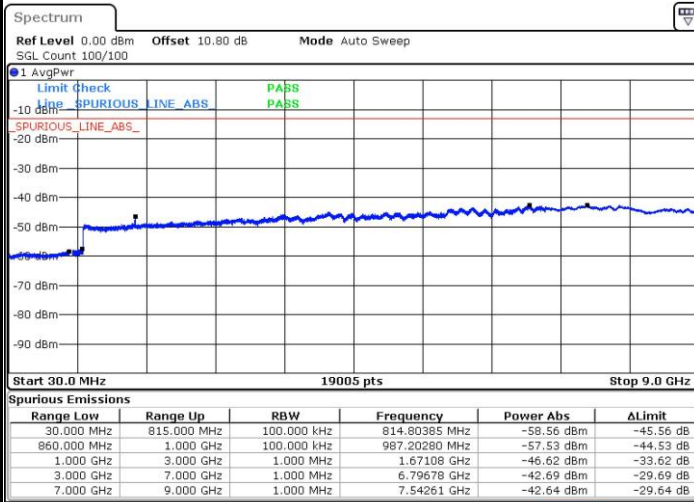


Date: 2 JUL 2019 00:07:17



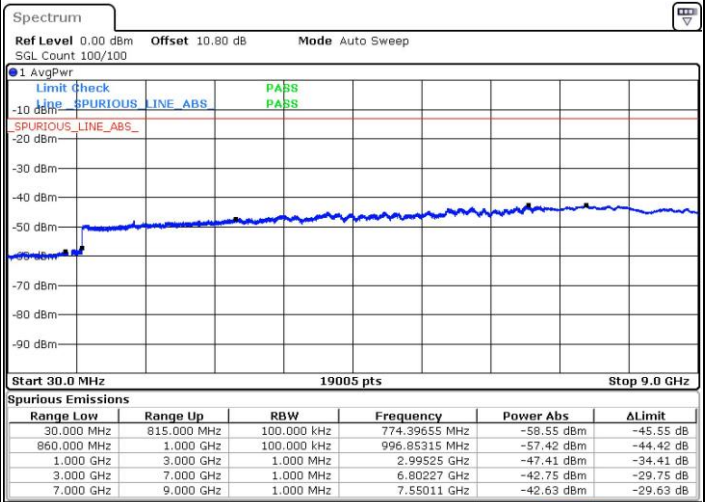
LTE Band 5 / 3MHz

Middle Channel / QPSK



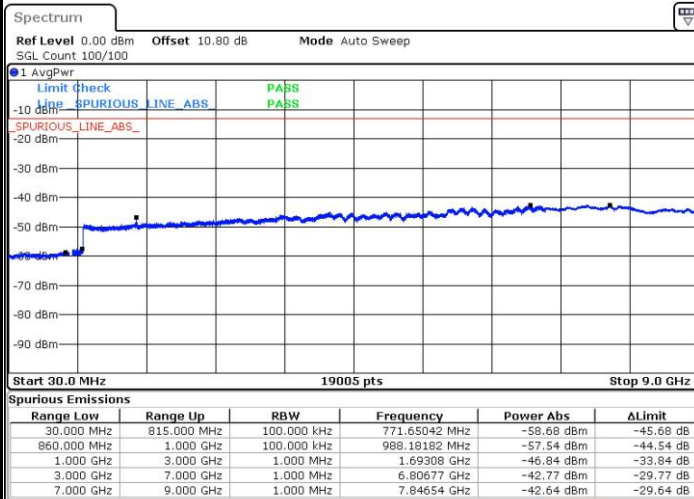
Date: 2 JUL 2019 00:08:50

Middle Channel / 16QAM



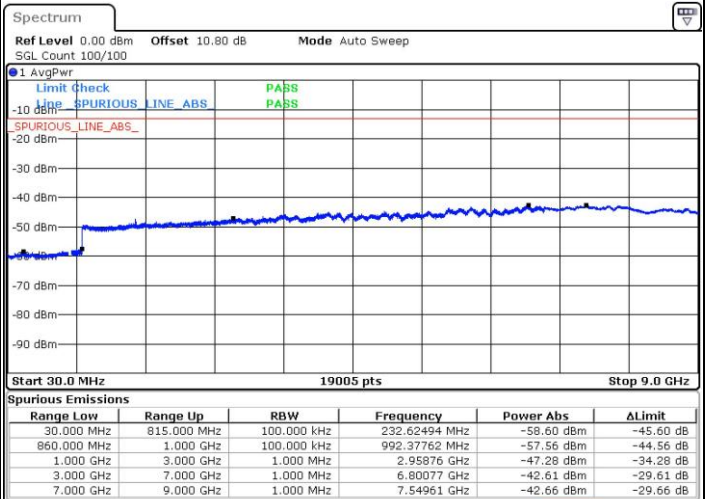
Date: 2 JUL 2019 00:09:36

Highest Channel / QPSK



Date: 2 JUL 2019 00:17:57

Highest Channel / 16QAM

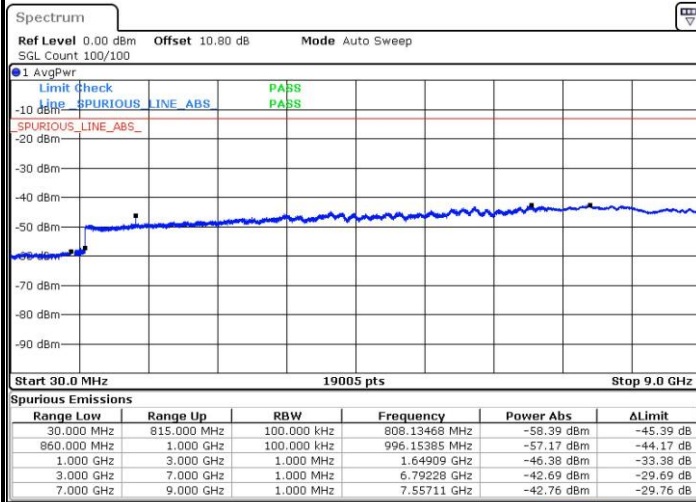


Date: 2 JUL 2019 00:18:43



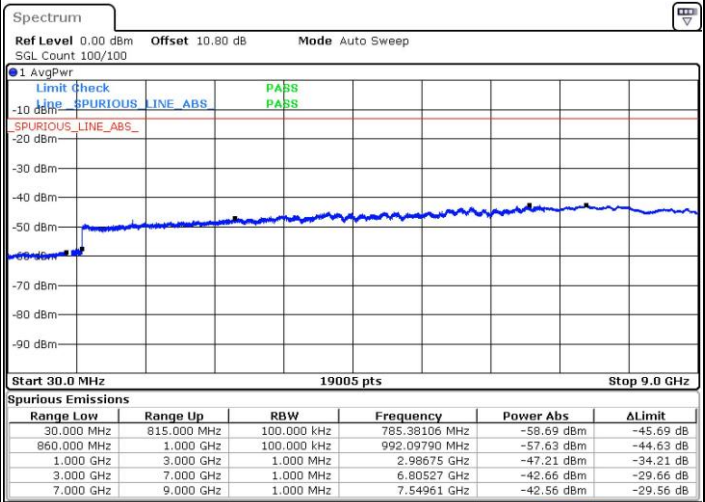
LTE Band 5 / 5MHz

Lowest Channel / QPSK



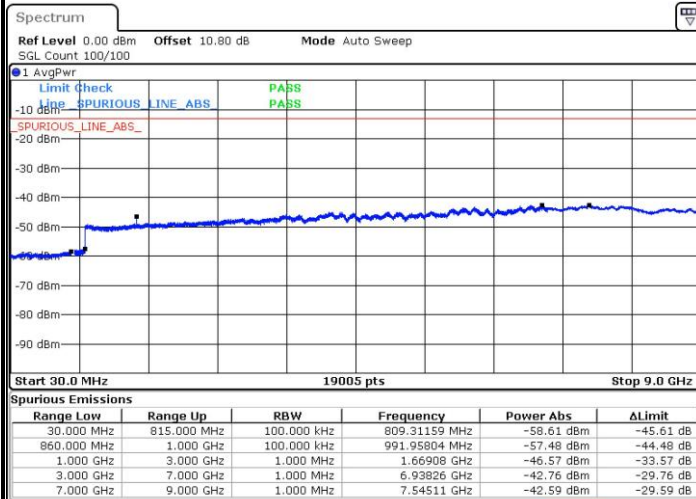
Date: 2 JUL 2019 00:37:22

Lowest Channel / 16QAM



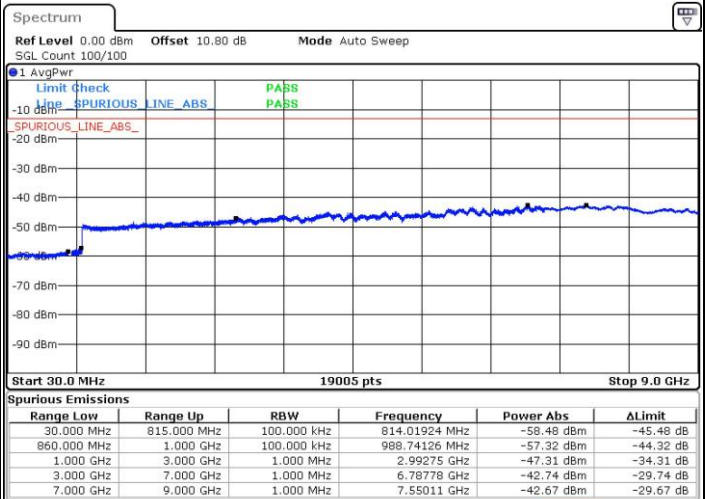
Date: 2 JUL 2019 00:38:09

Middle Channel / QPSK



Date: 2 JUL 2019 00:39:42

Middle Channel / 16QAM

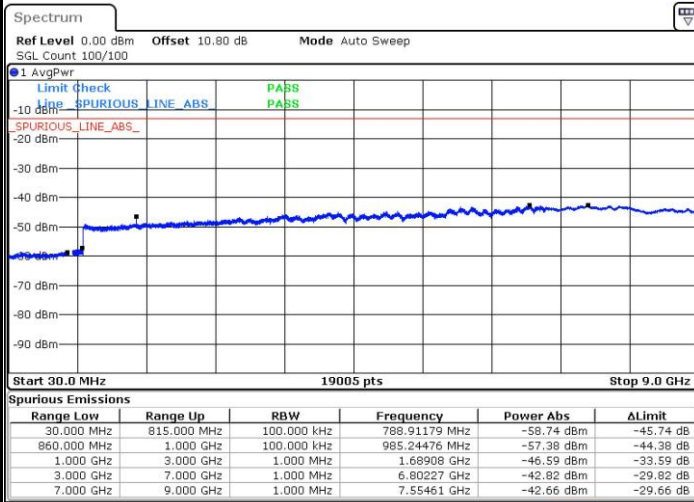


Date: 2 JUL 2019 00:40:28



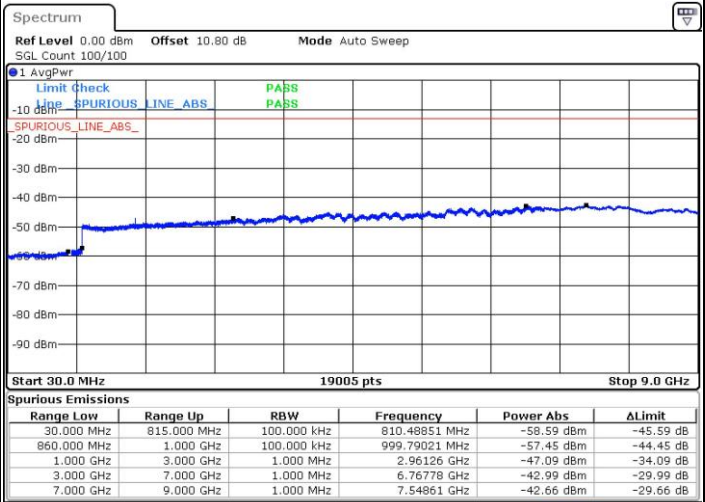
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 2 JUL 2019 00:48:49

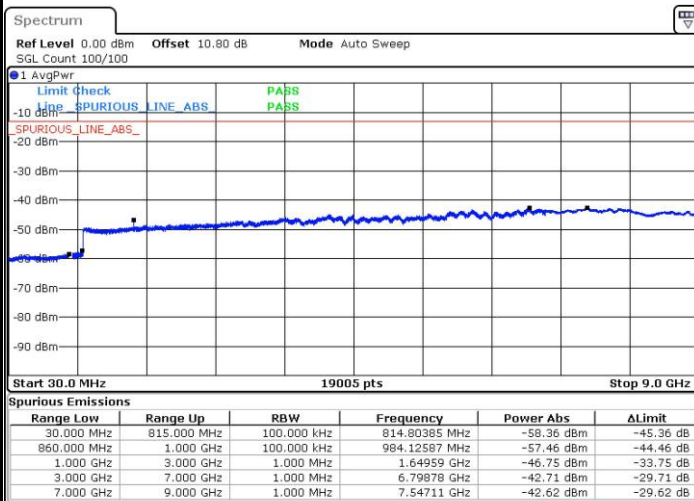
Highest Channel / 16QAM



Date: 2 JUL 2019 00:49:35

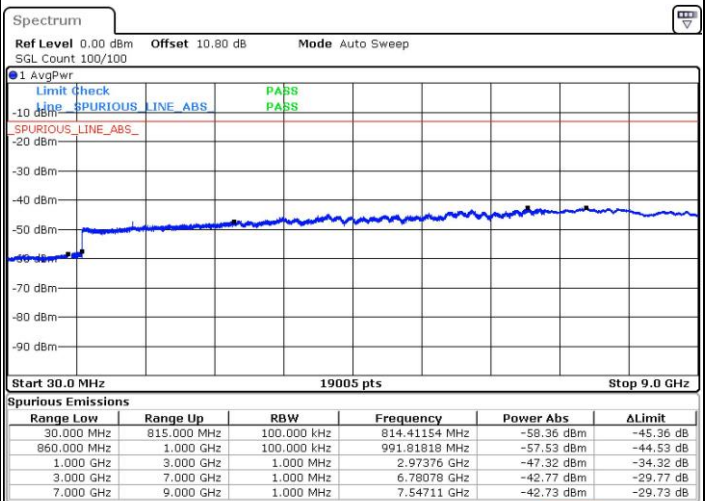
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 2 JUL 2019 01:07:26

Lowest Channel / 16QAM

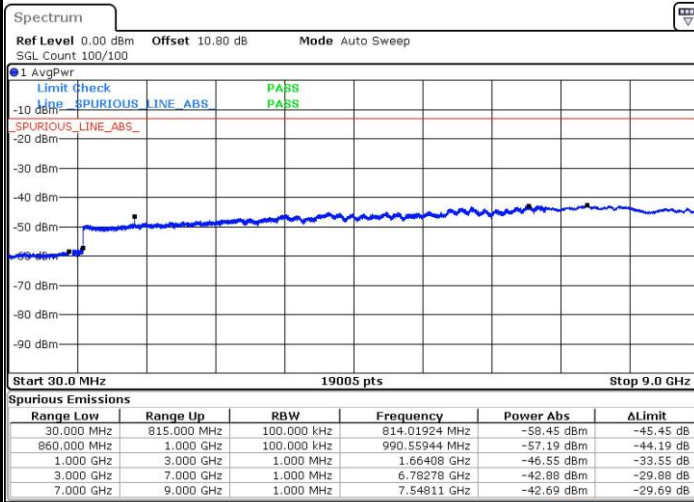


Date: 2 JUL 2019 01:08:12



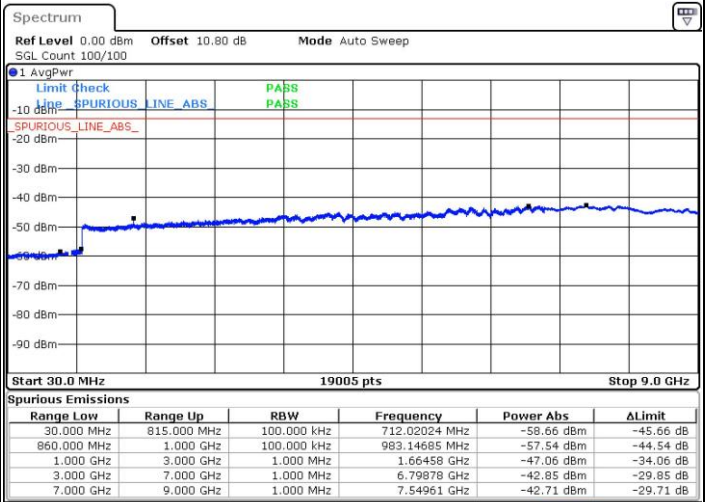
LTE Band 5 / 10MHz

Middle Channel / QPSK



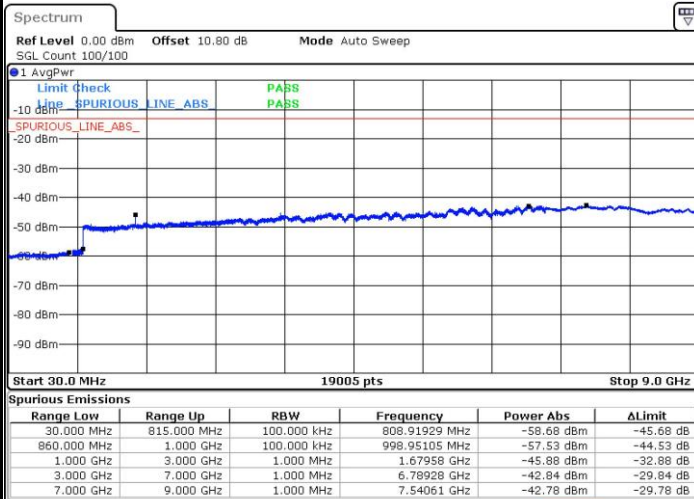
Date: 2 JUL 2019 01:09:46

Middle Channel / 16QAM



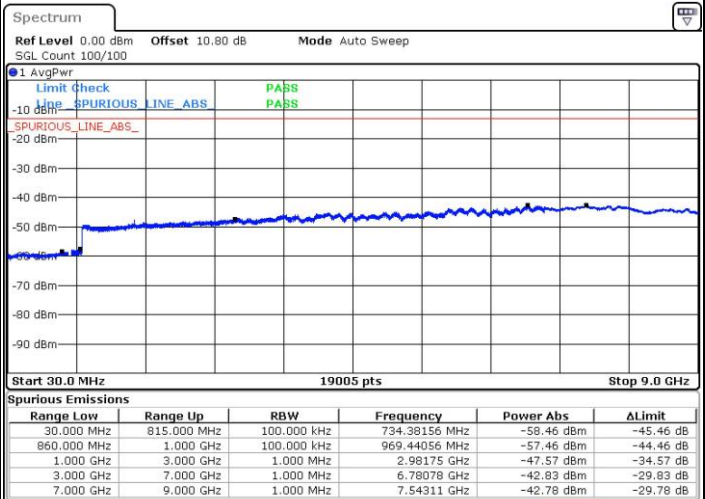
Date: 2 JUL 2019 01:10:32

Highest Channel / QPSK



Date: 2 JUL 2019 01:18:54

Highest Channel / 16QAM

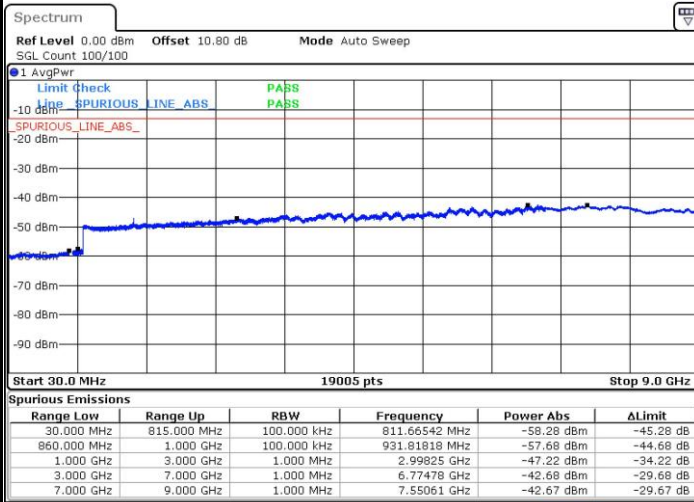


Date: 2 JUL 2019 01:19:40



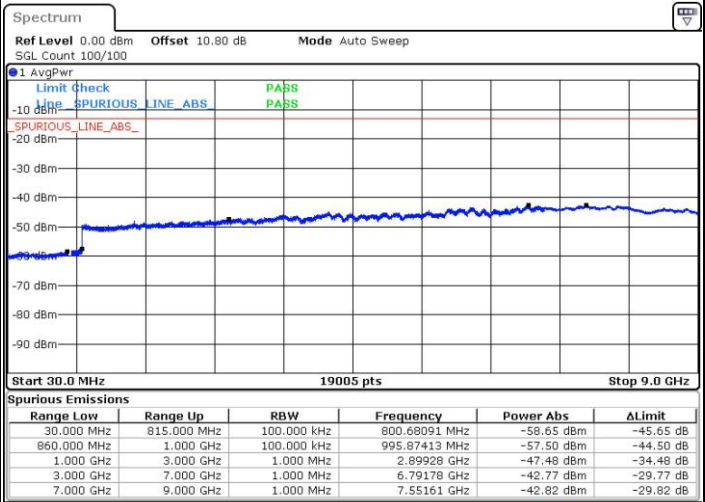
LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM



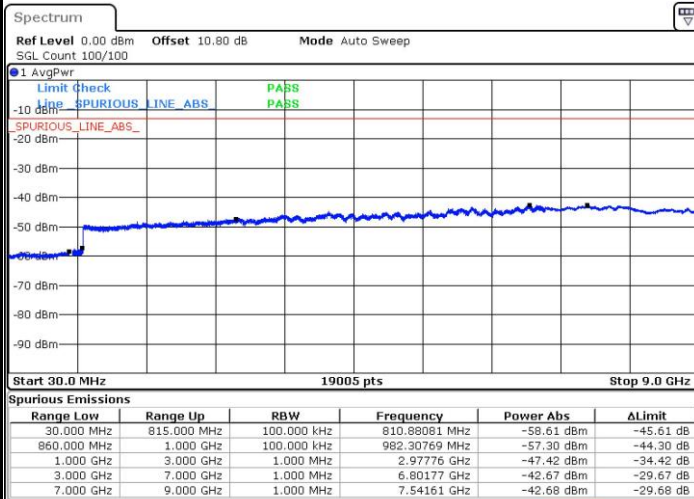
Date: 2 JUL 2019 02:30:18

Middle Channel / 64QAM



Date: 2 JUL 2019 02:31:27

Highest Channel / 64QAM

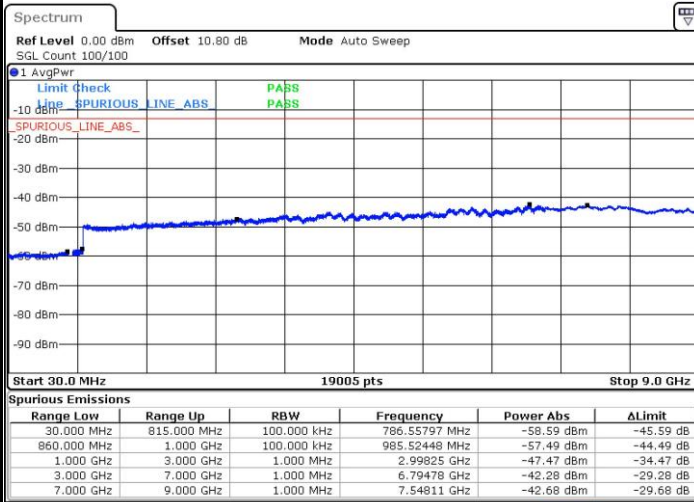


Date: 2 JUL 2019 02:36:23



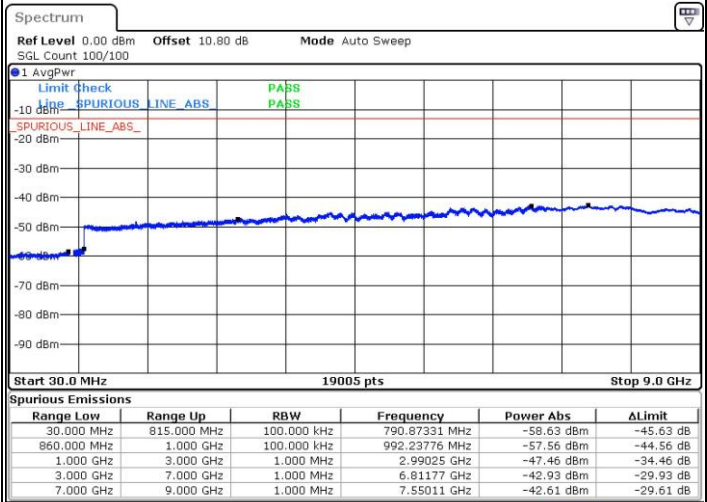
LTE Band 5 / 3MHz

Lowest Channel / 64QAM



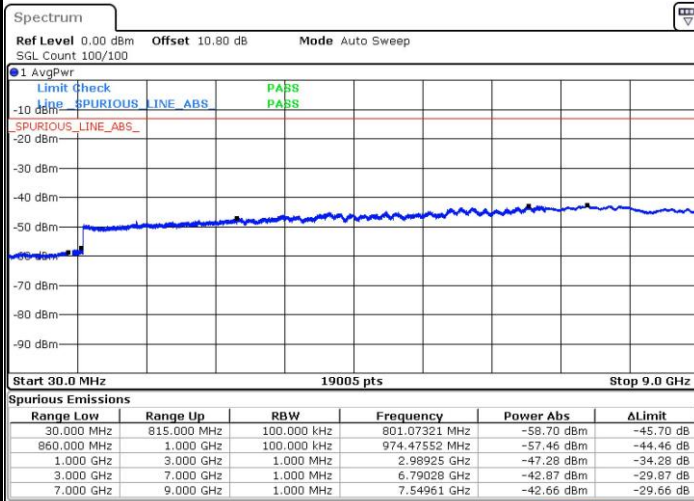
Date: 2 JUL 2019 00:23:17

Middle Channel / 64QAM



Date: 2 JUL 2019 00:24:27

Highest Channel / 64QAM

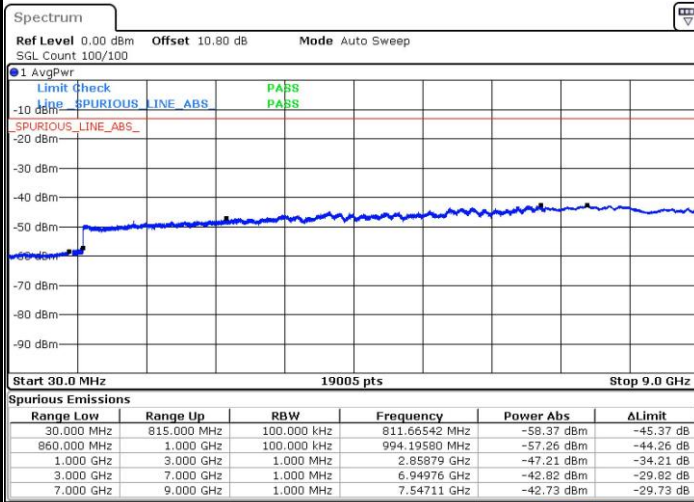


Date: 2 JUL 2019 00:29:00



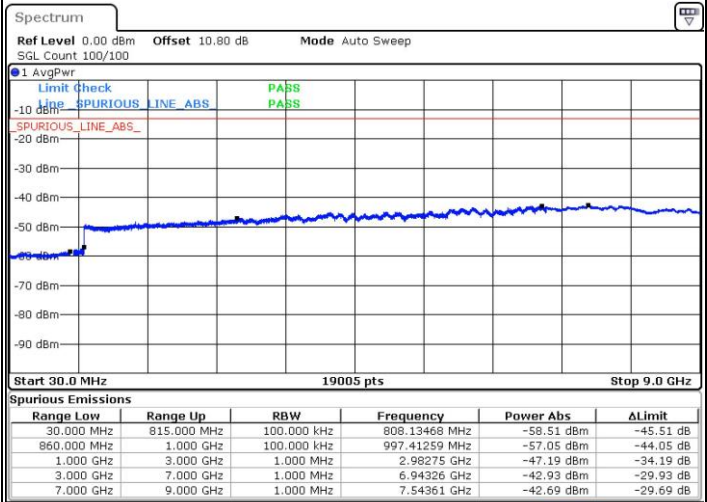
LTE Band 5 / 5MHz

Lowest Channel / 64QAM



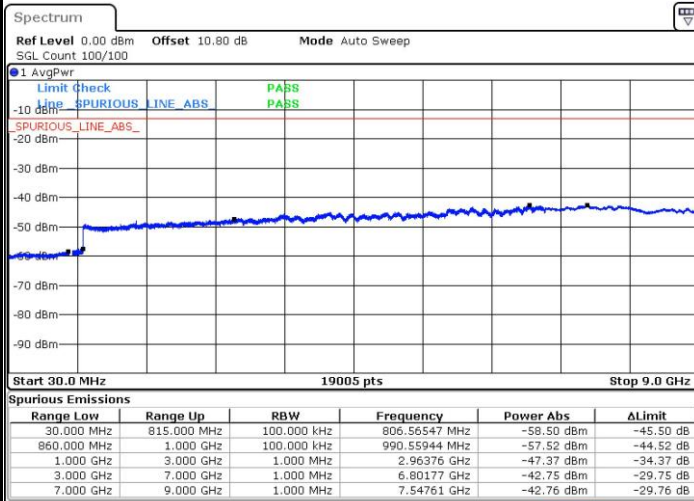
Date: 2 JUL 2019 00:54:08

Middle Channel / 64QAM



Date: 2 JUL 2019 00:55:18

Highest Channel / 64QAM

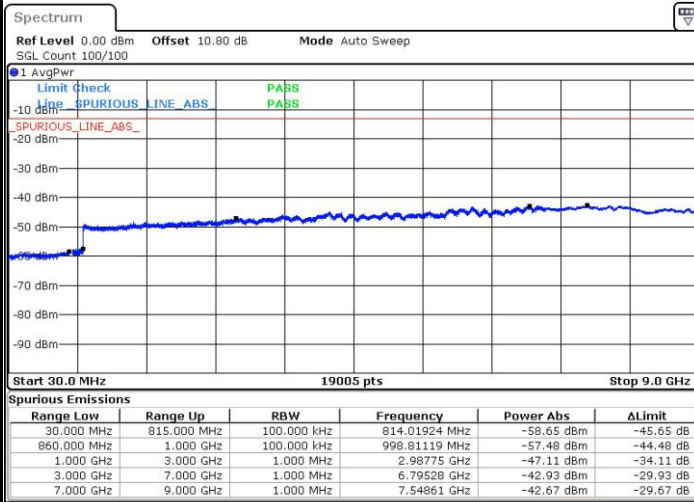


Date: 2 JUL 2019 01:21:27



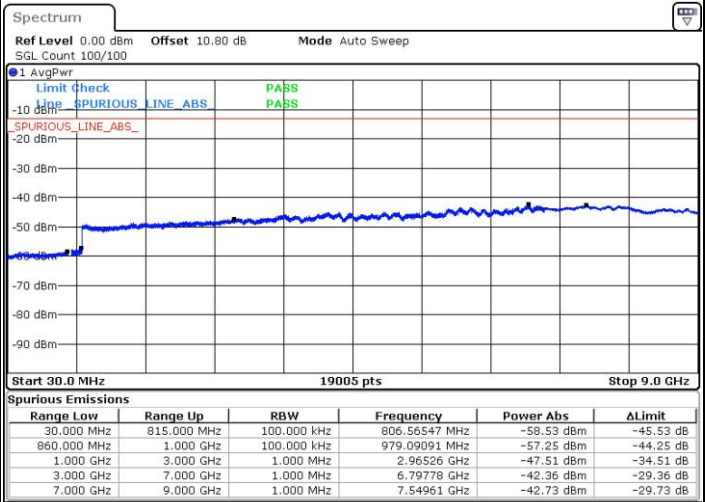
LTE Band 5 / 10MHz

Lowest Channel / 64QAM



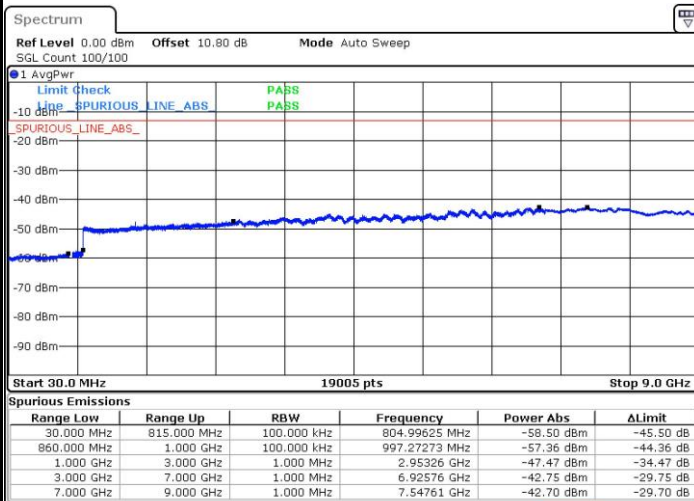
Date: 2 JUL 2019 01:52:10

Middle Channel / 64QAM



Date: 2 JUL 2019 01:53:20

Highest Channel / 64QAM



Date: 2 JUL 2019 01:57:52

Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0063	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0053	
-10	Normal Voltage	0.0068	
-20	Normal Voltage	0.0047	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0045	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0023	

Note:

1. Normal Voltage = 3.85V. ; Battery End Point (BEP) = 3.65 V. ; Maximum Voltage =4.25V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 7

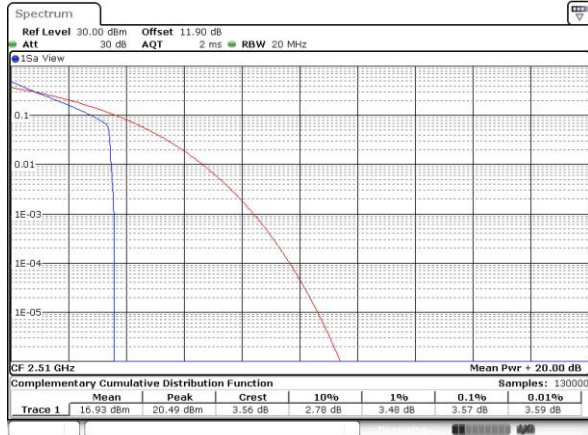
Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.57	4.58	3.86	5.88	PASS
Middle CH	3.51	4.96	4.14	5.88	
Highest CH	3.86	4.93	4.49	5.91	
Mode	LTE Band 7 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.10	6.38	-	-	PASS
Middle CH	4.99	6.43	-	-	
Highest CH	5.36	6.38	-	-	

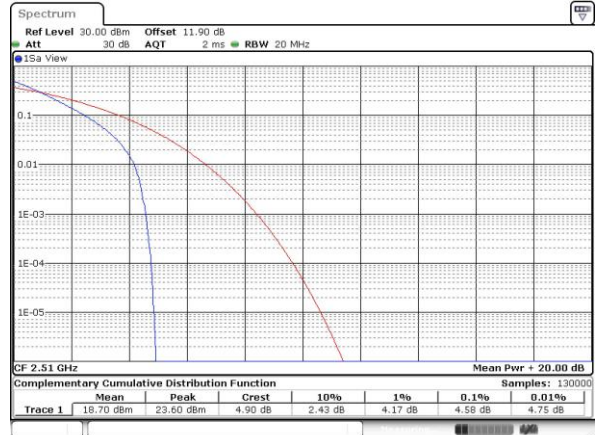


LTE Band 7 / 20MHz / QPSK

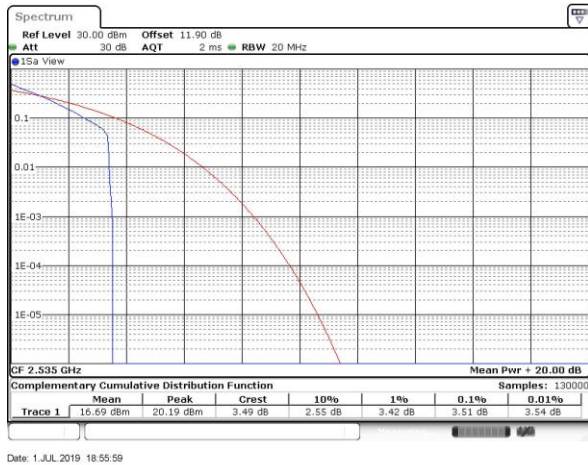
Lowest Channel / 1RB



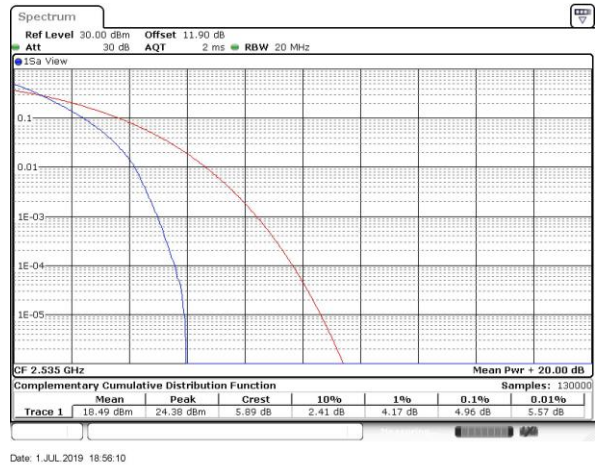
Lowest Channel / Full RB



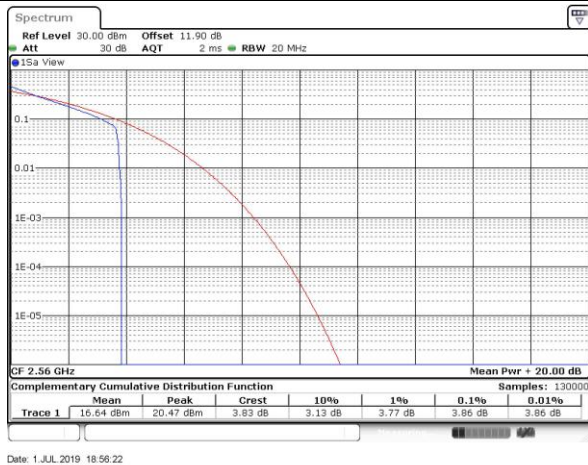
Middle Channel / 1RB



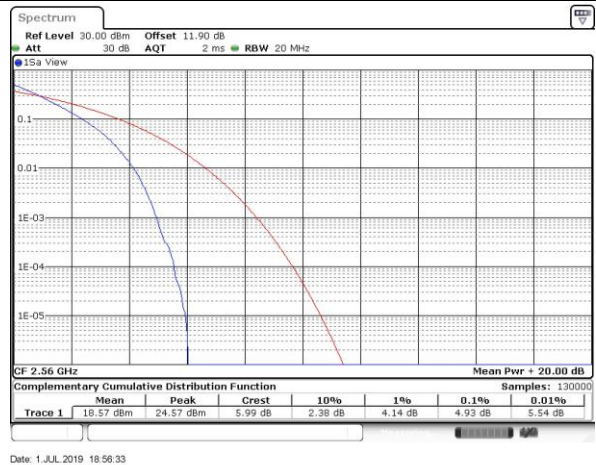
Middle Channel / Full RB

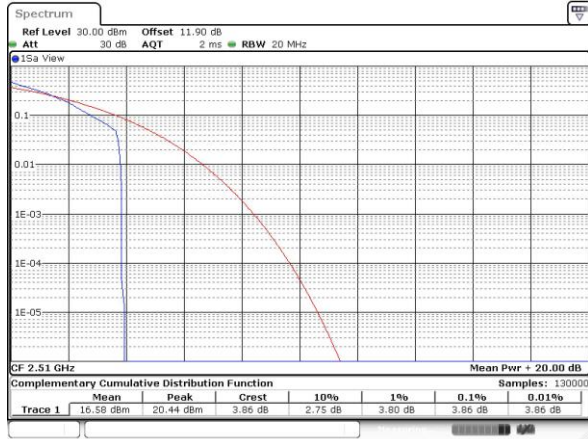


Highest Channel / 1RB

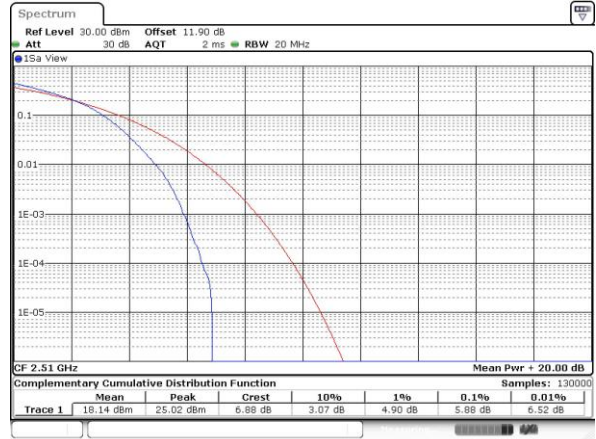


Highest Channel / Full RB

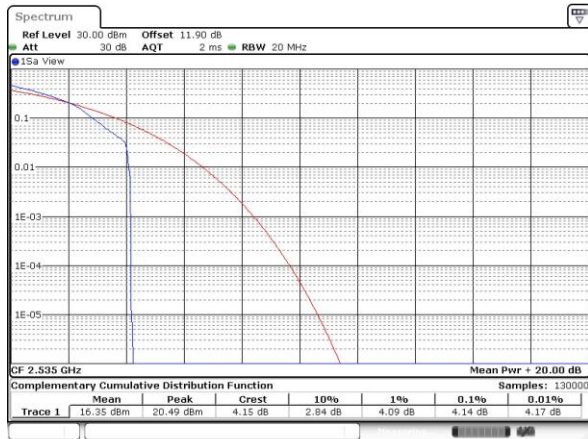


LTE Band 7 / 20MHz / 16QAM
Lowest Channel / 1RB


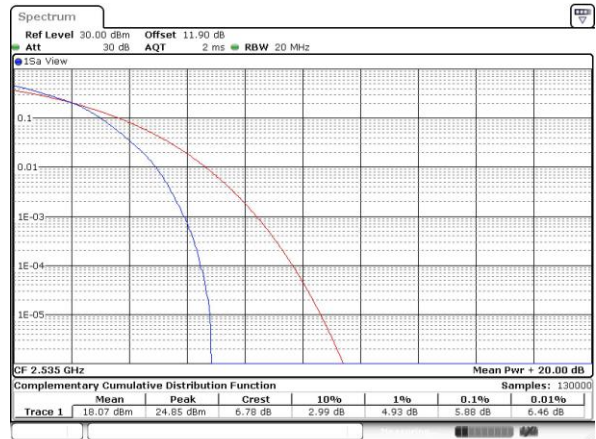
Date: 1 JUL 2019 18:54:33

Lowest Channel / Full RB


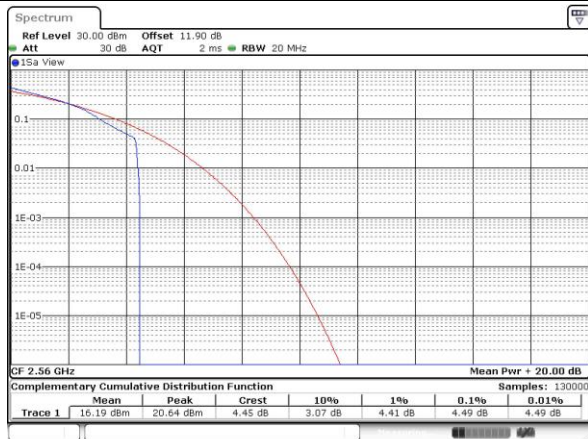
Date: 1 JUL 2019 18:54:44

Middle Channel / 1RB


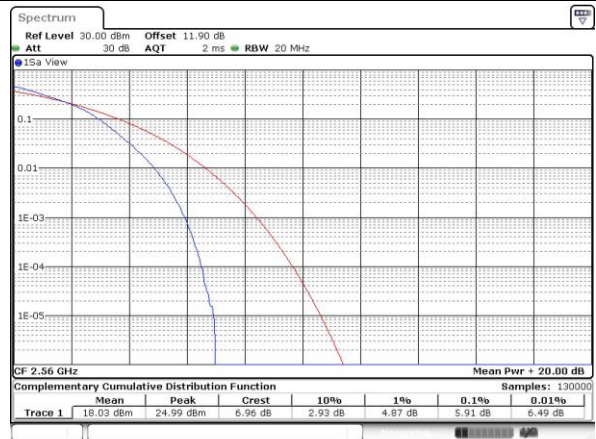
Date: 1 JUL 2019 18:54:55

Middle Channel / Full RB


Date: 1 JUL 2019 18:55:05

Highest Channel / 1RB


Date: 1 JUL 2019 18:55:15

Highest Channel / Full RB


Date: 1 JUL 2019 18:55:26