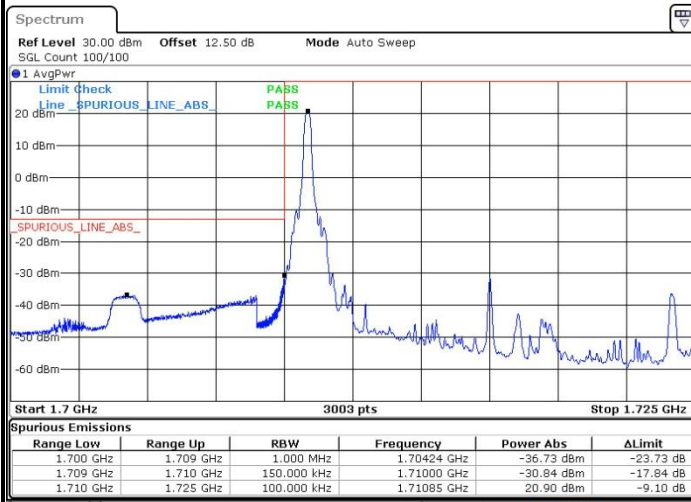


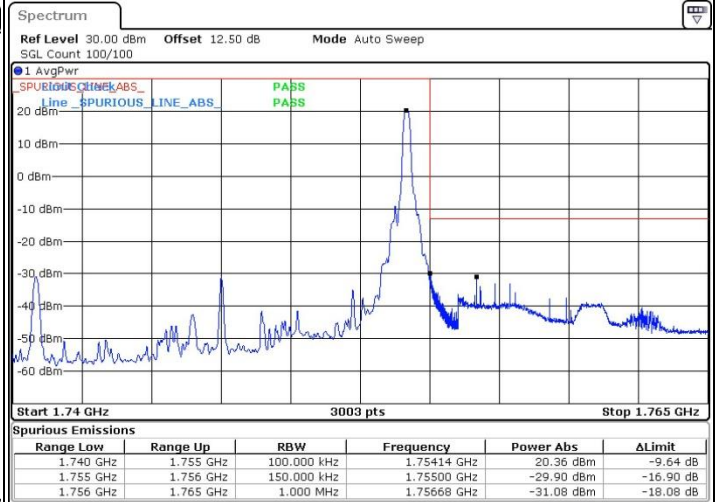


LTE Band 4 / 15MHz / QPSK

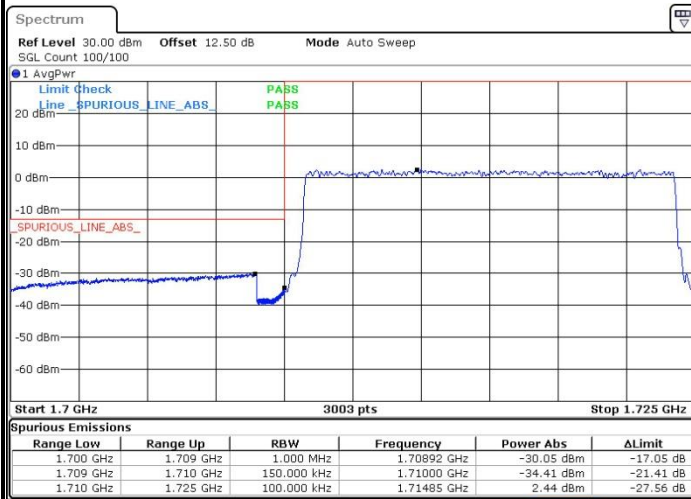
Lowest Band Edge / 1 RB



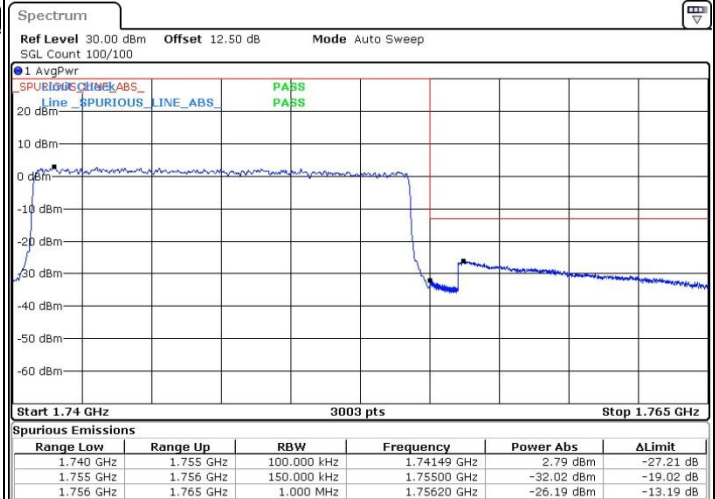
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



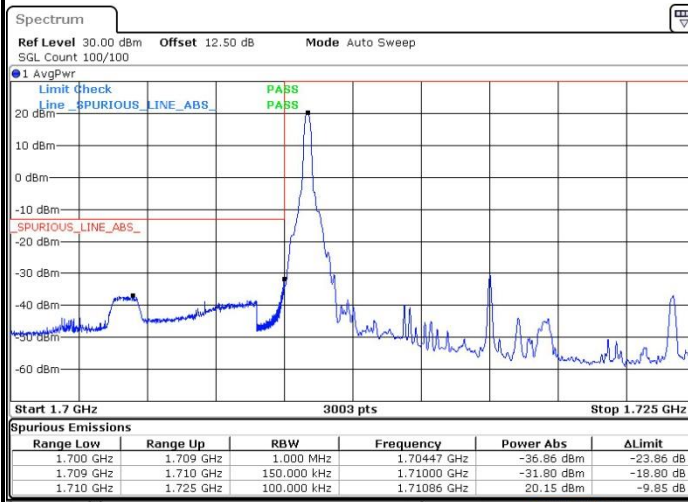
Highest Band Edge / Full RB



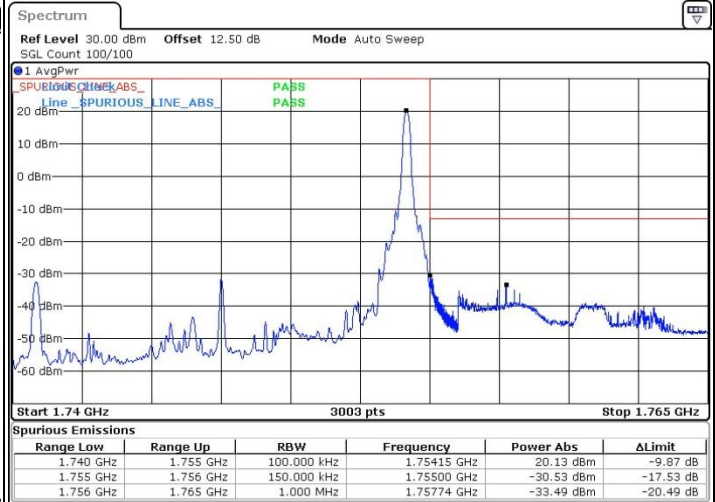


LTE Band 4 / 15MHz / 16QAM

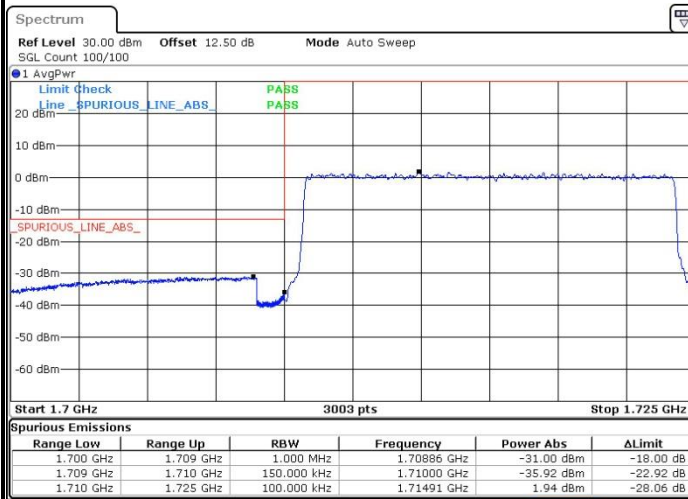
Lowest Band Edge / 1 RB



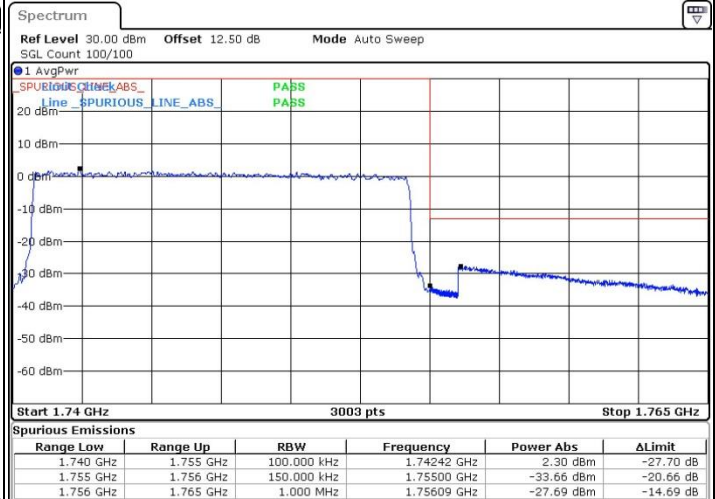
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



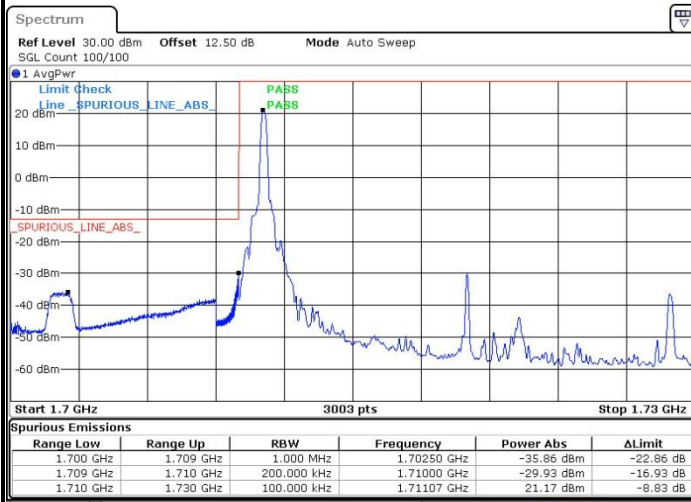
Highest Band Edge / Full RB



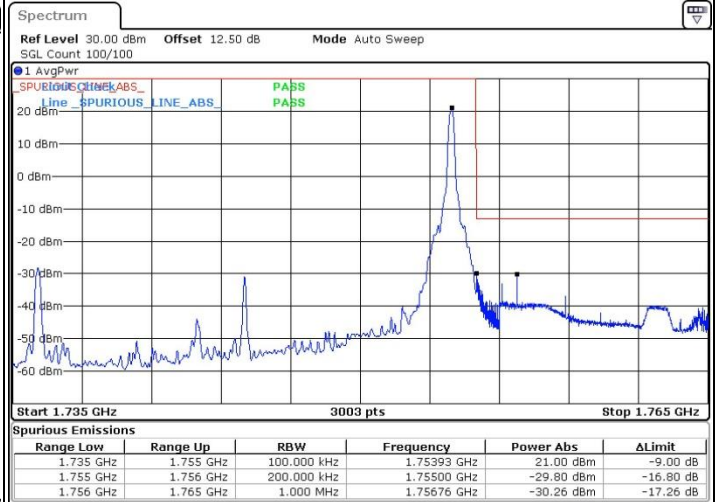


LTE Band 4 / 20MHz / QPSK

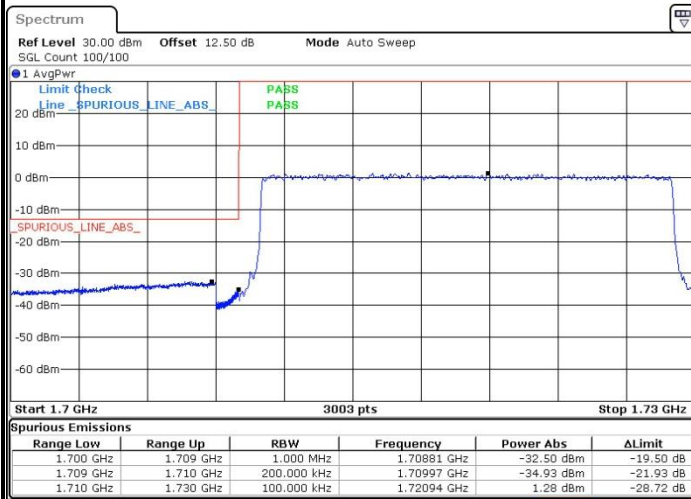
Lowest Band Edge / 1 RB



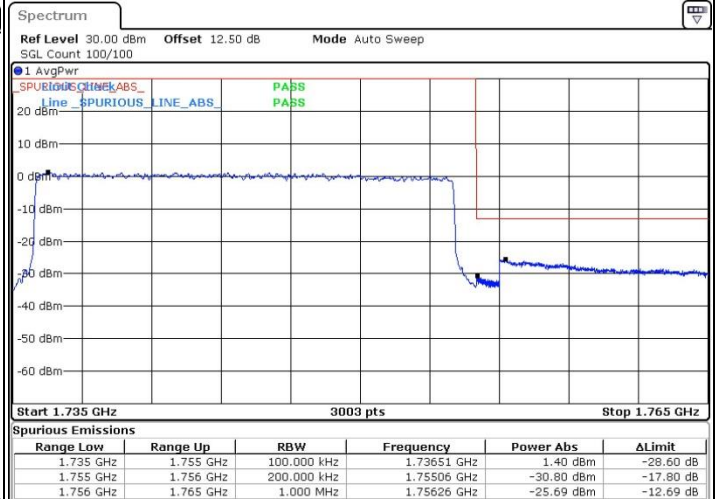
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



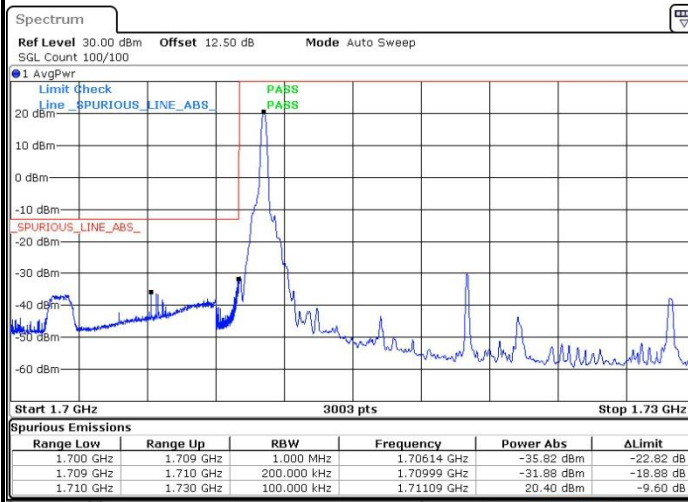
Highest Band Edge / Full RB



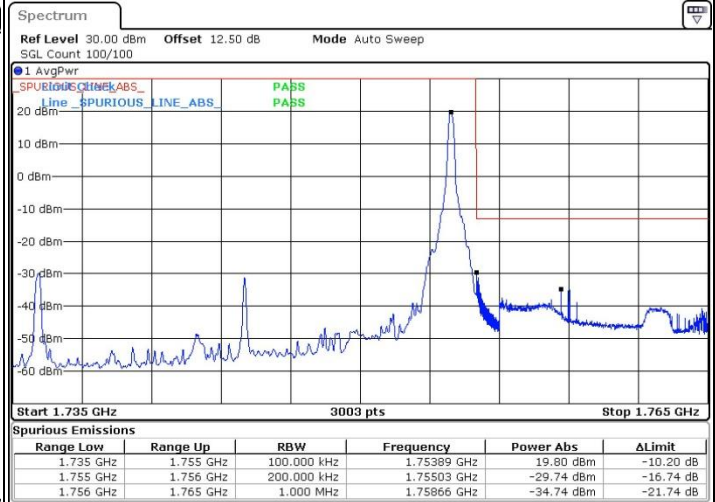


LTE Band 4 / 20MHz / 16QAM

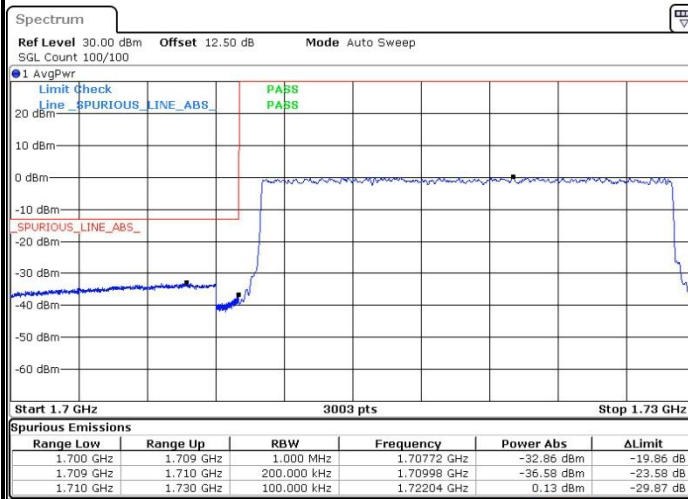
Lowest Band Edge / 1 RB



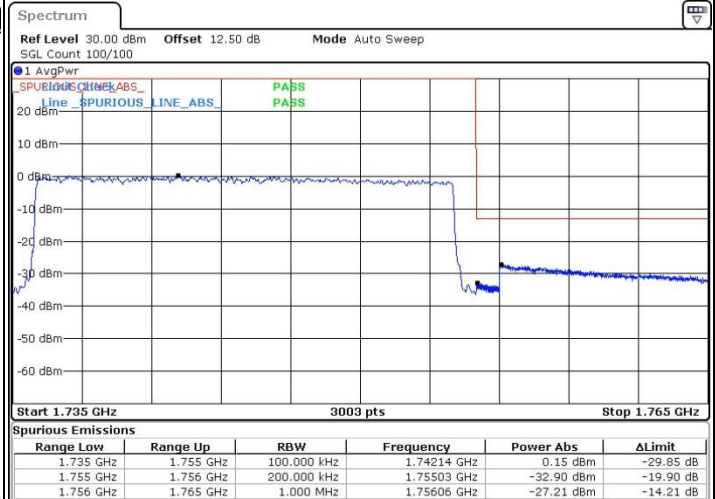
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



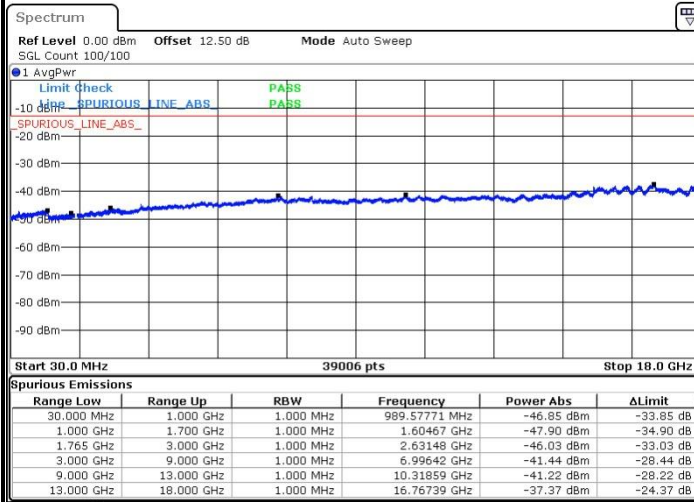


Conducted Spurious Emission



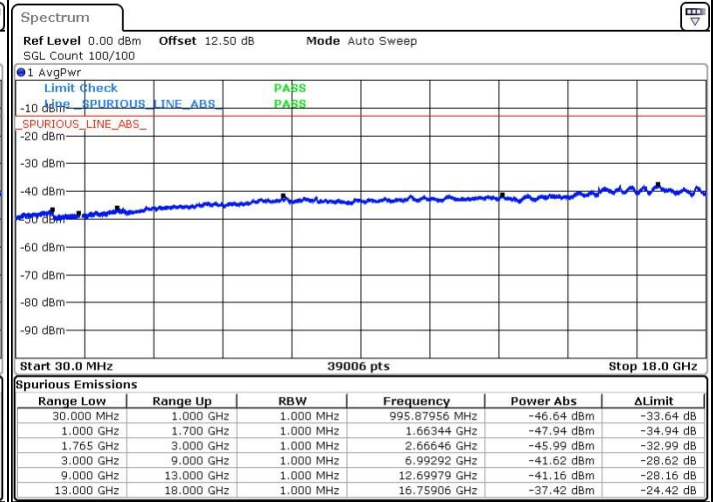
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



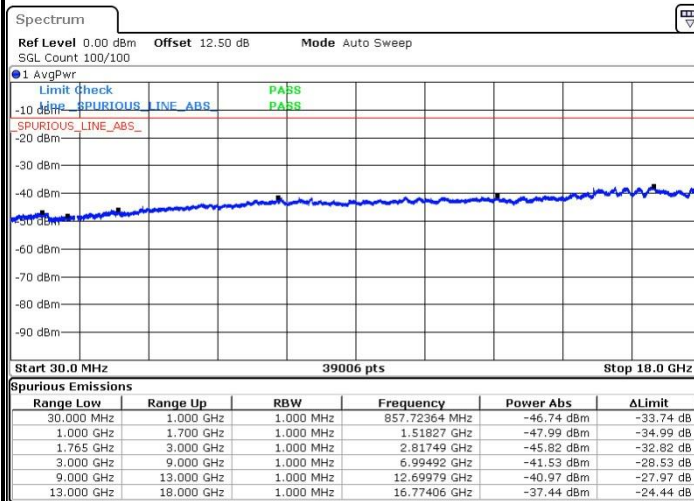
Date: 9 AUG 2015 11:41:36

Lowest Channel / 16QAM



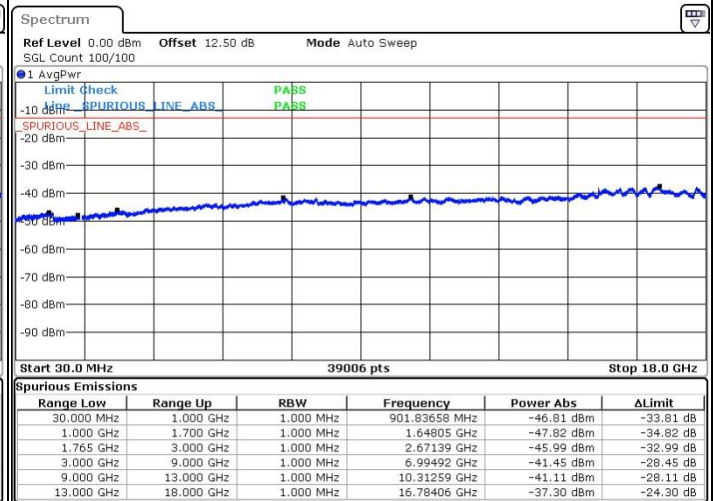
Date: 9 AUG 2015 11:42:30

Middle Channel / QPSK



Date: 9 AUG 2015 14:40:45

Middle Channel / 16QAM

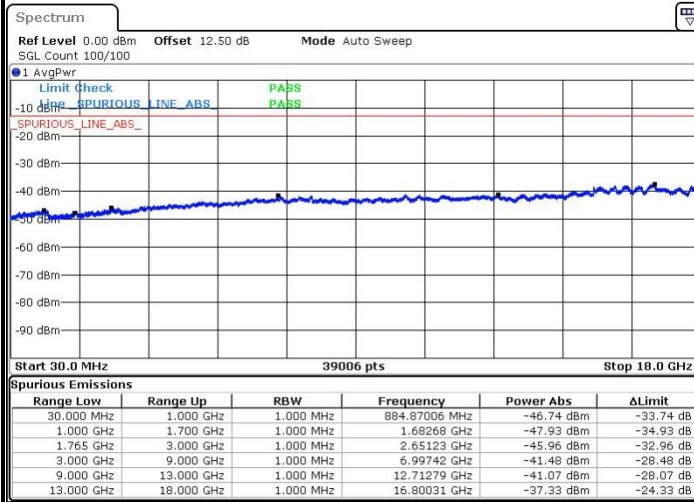


Date: 9 AUG 2015 14:41:40



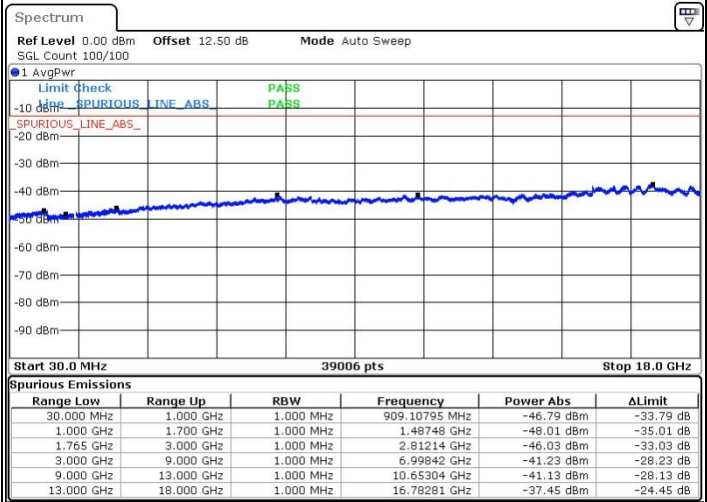
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 9 AUG 2015 14:47:55

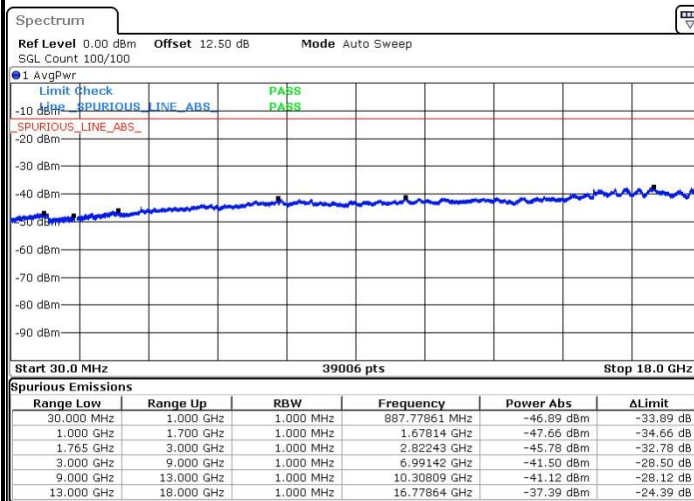
Highest Channel / 16QAM



Date: 9 AUG 2015 14:48:49

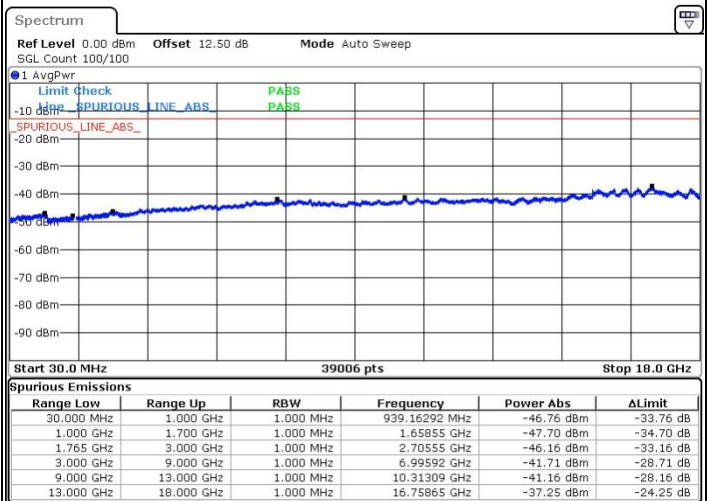
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 9 AUG 2015 10:14:19

Lowest Channel / 16QAM

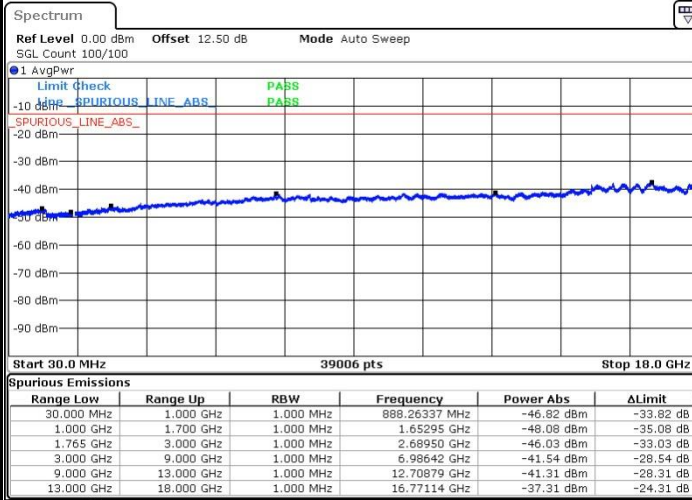


Date: 9 AUG 2015 10:15:14



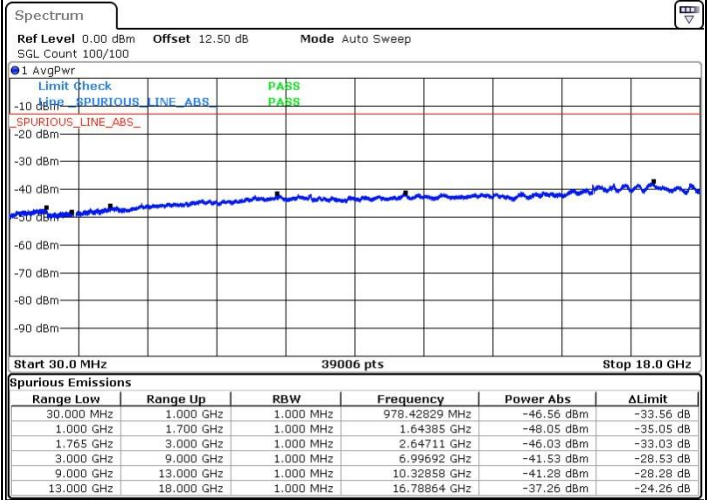
LTE Band 4 / 3MHz

Middle Channel / QPSK



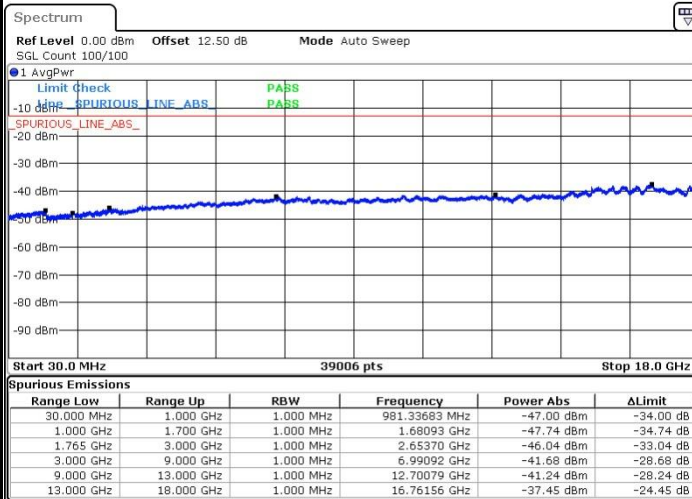
Date: 9 AUG 2015 10:16:51

Middle Channel / 16QAM



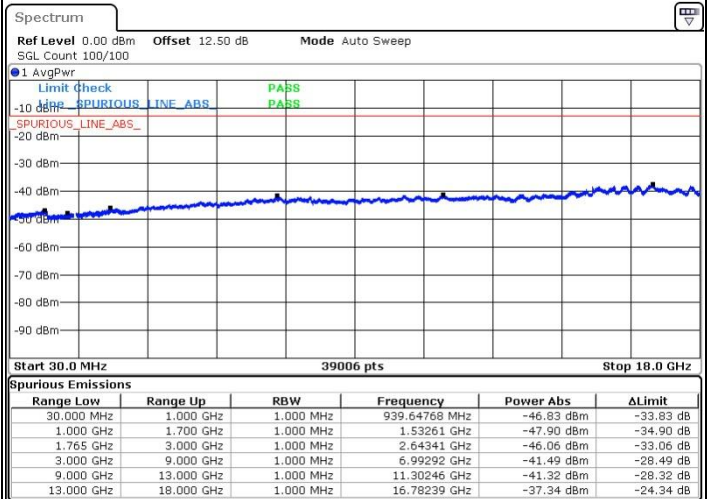
Date: 9 AUG 2015 10:17:46

Highest Channel / QPSK



Date: 9 AUG 2015 10:24:01

Highest Channel / 16QAM

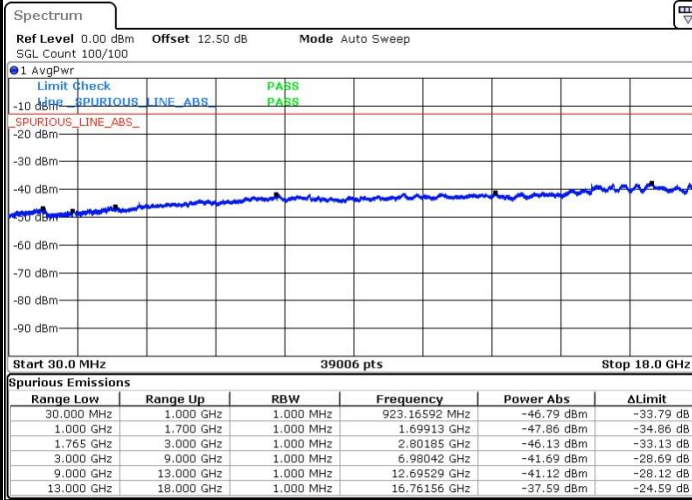


Date: 9 AUG 2015 10:24:56



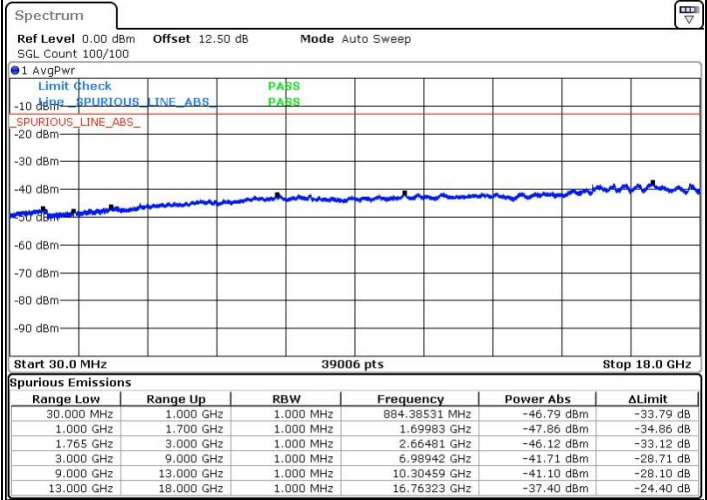
LTE Band 4 / 5MHz

Lowest Channel / QPSK



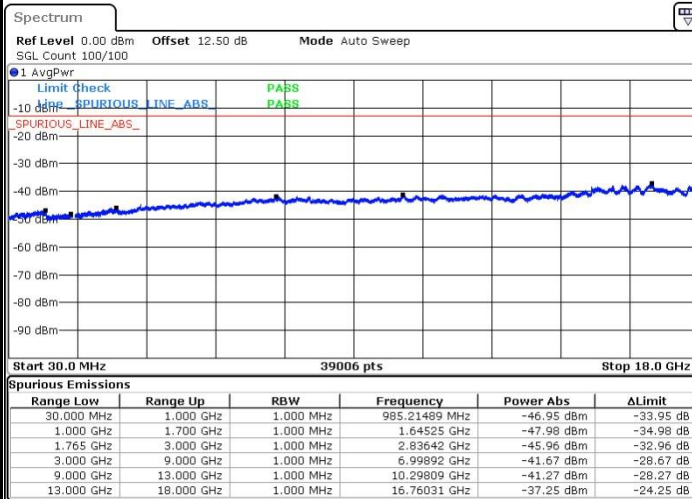
Date: 9 AUG 2015 10:31:10

Lowest Channel / 16QAM



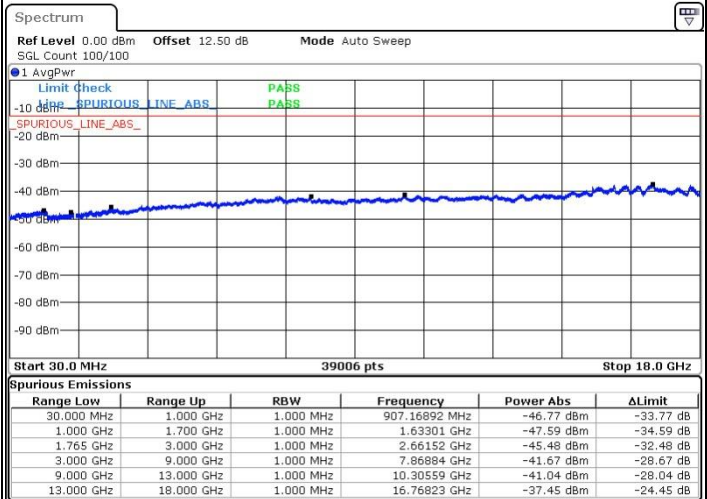
Date: 9 AUG 2015 10:32:04

Middle Channel / QPSK



Date: 9 AUG 2015 10:33:41

Middle Channel / 16QAM

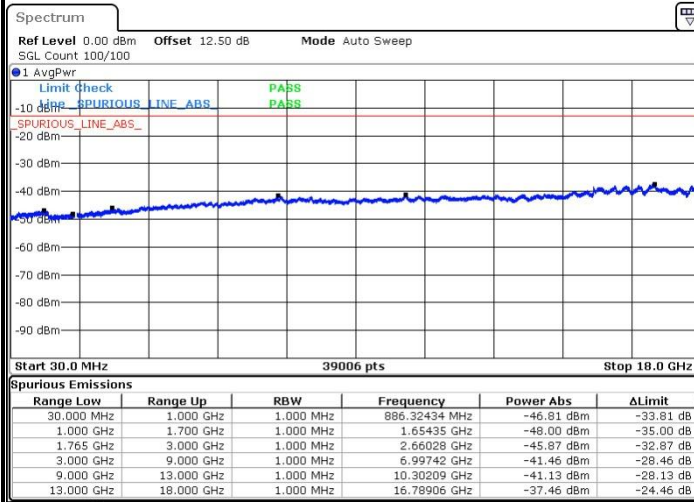


Date: 9 AUG 2015 10:34:36



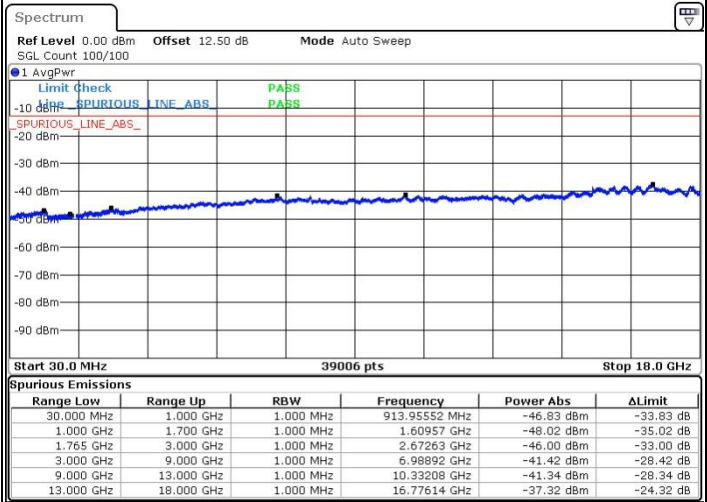
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 9 AUG 2015 10:40:51

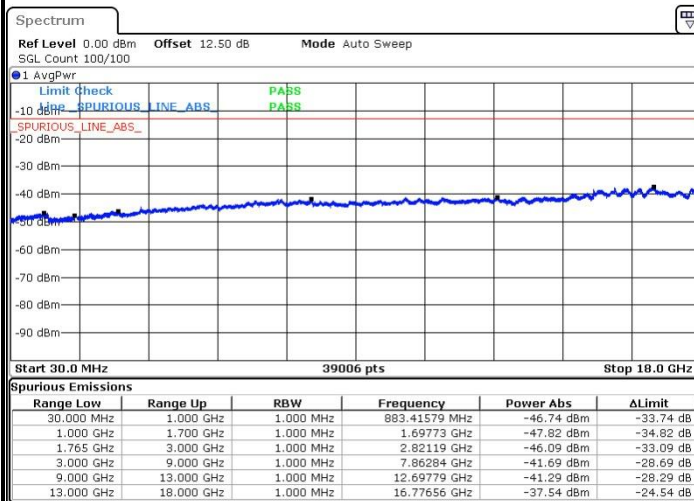
Highest Channel / 16QAM



Date: 9 AUG 2015 10:41:46

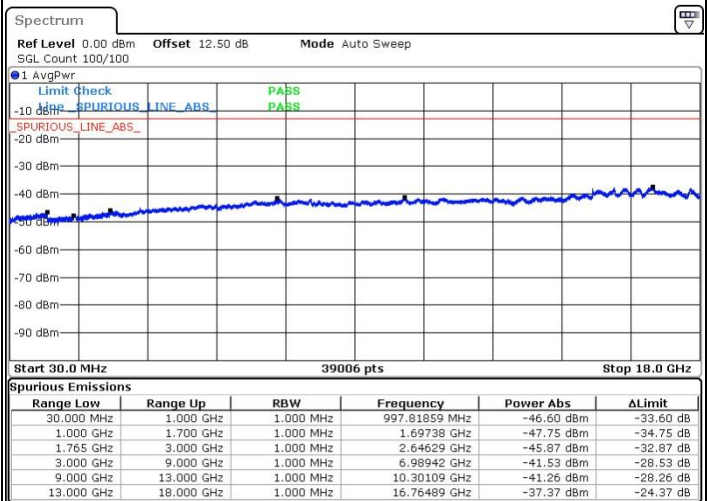
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 9 AUG 2015 10:47:59

Lowest Channel / 16QAM

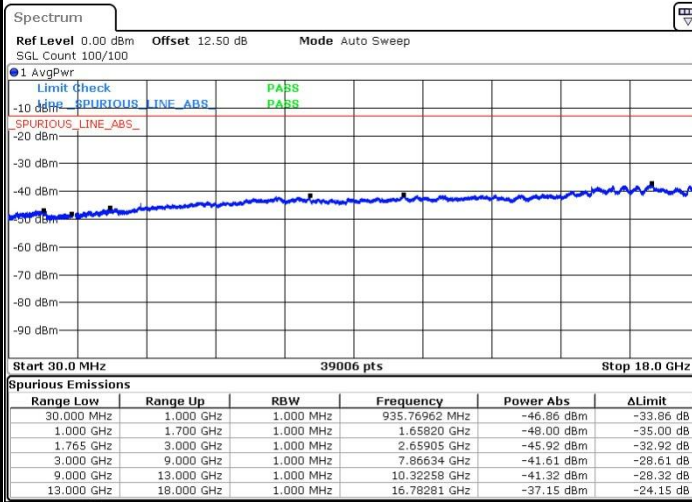


Date: 9 AUG 2015 10:48:54



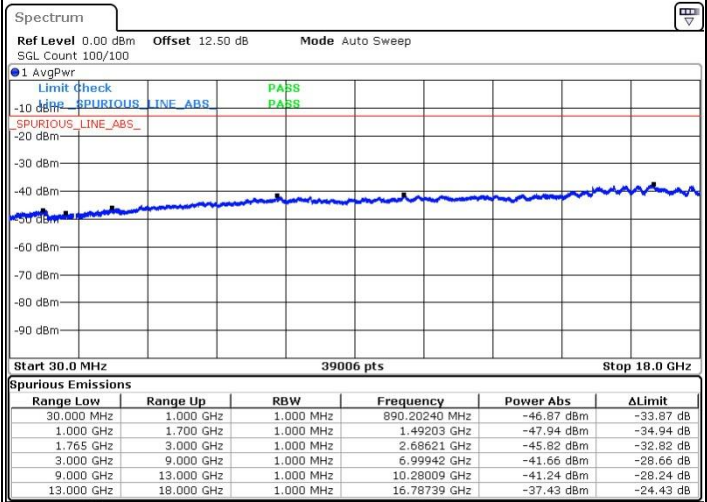
LTE Band 4 / 10MHz

Middle Channel / QPSK



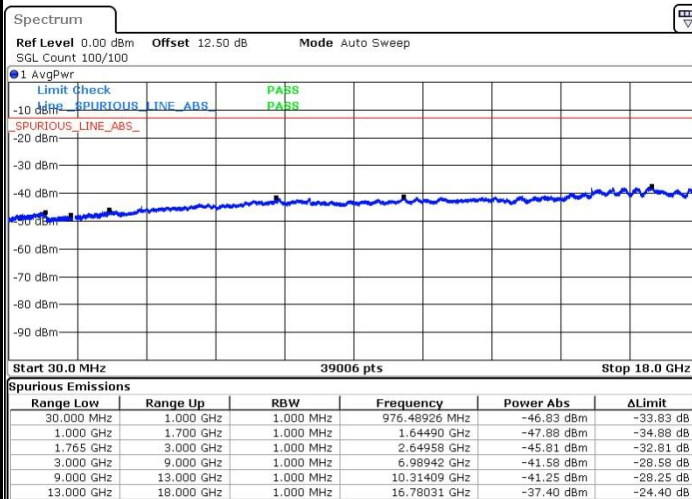
Date: 9 AUG 2015 10:50:30

Middle Channel / 16QAM



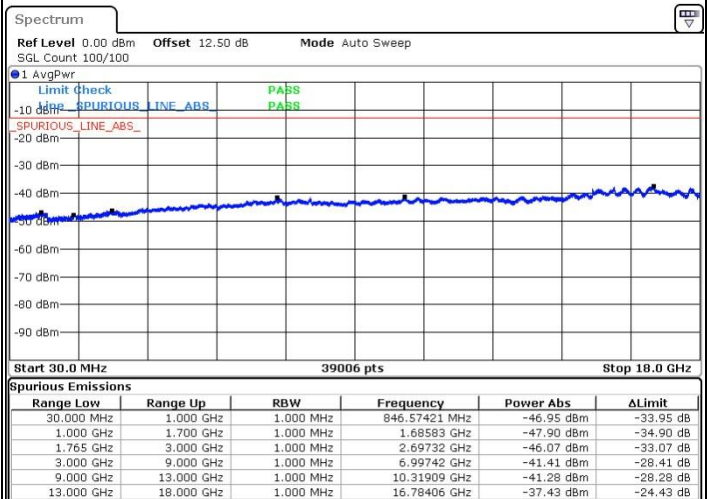
Date: 9 AUG 2015 10:51:25

Highest Channel / QPSK



Date: 9 AUG 2015 10:57:39

Highest Channel / 16QAM

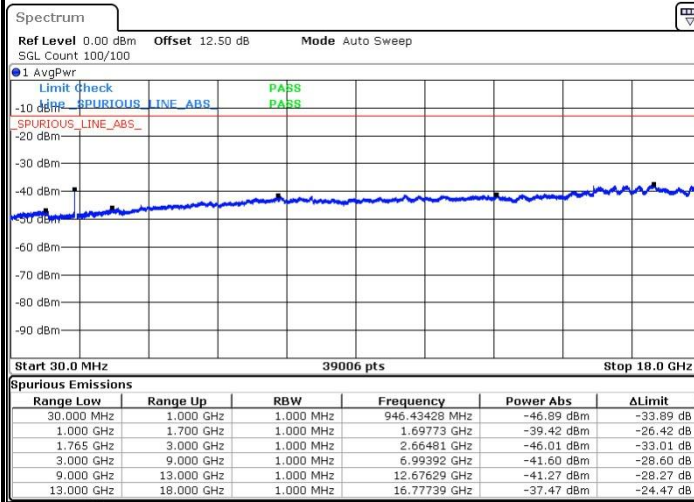


Date: 9 AUG 2015 10:58:33



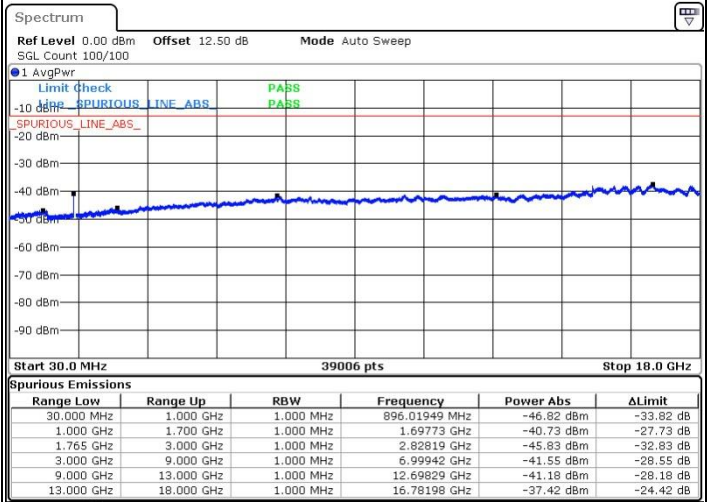
LTE Band 4 / 15MHz

Lowest Channel / QPSK



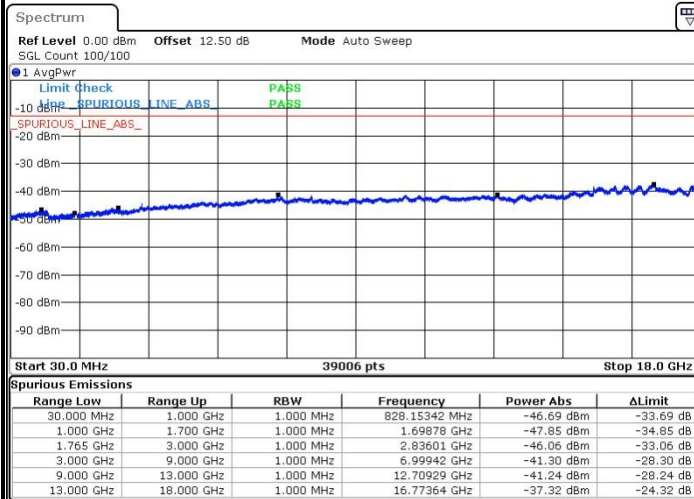
Date: 9 AUG 2015 11:07:58

Lowest Channel / 16QAM



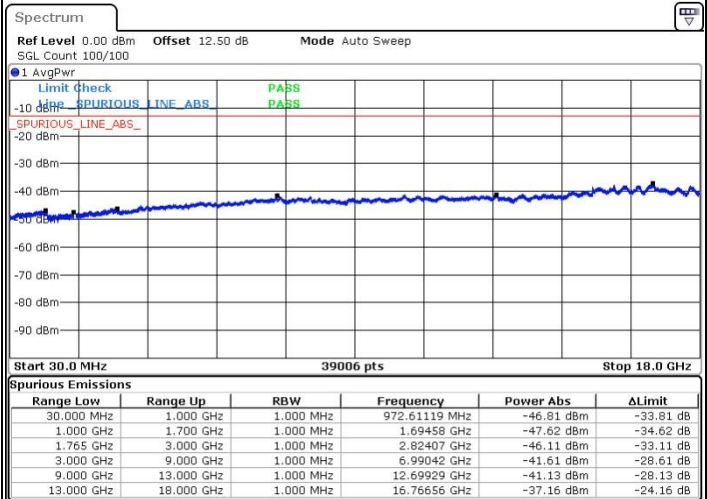
Date: 9 AUG 2015 11:08:53

Middle Channel / QPSK



Date: 9 AUG 2015 11:10:30

Middle Channel / 16QAM

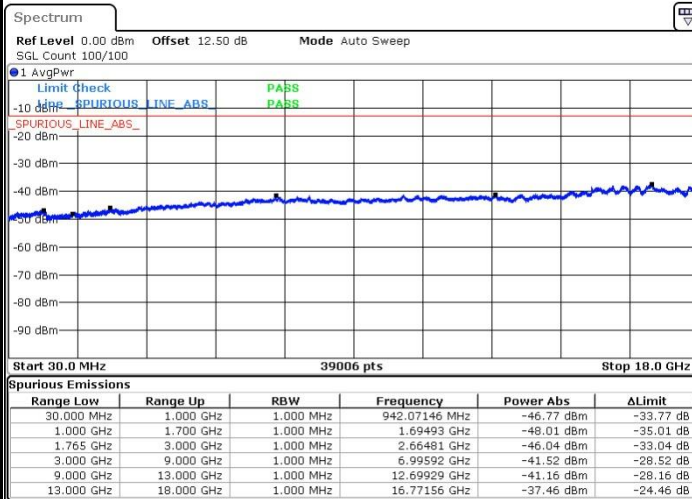


Date: 9 AUG 2015 11:11:25



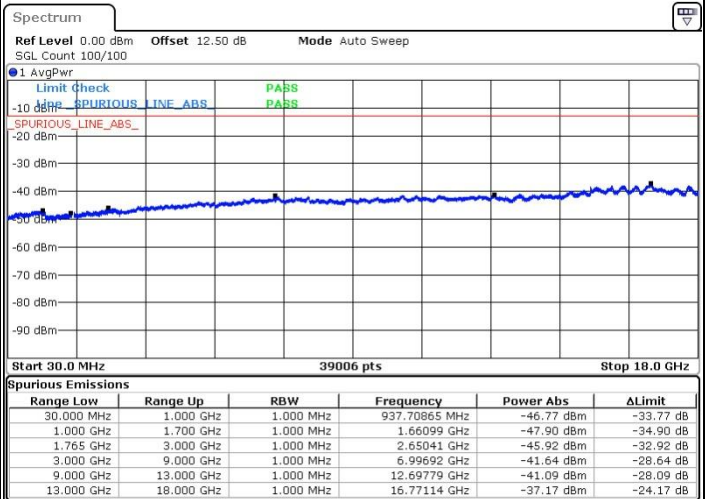
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 9 AUG 2015 11:17:39

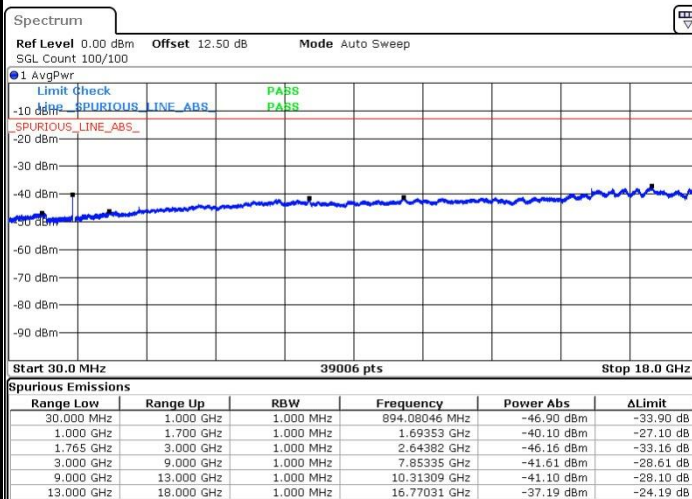
Highest Channel / 16QAM



Date: 9 AUG 2015 11:18:34

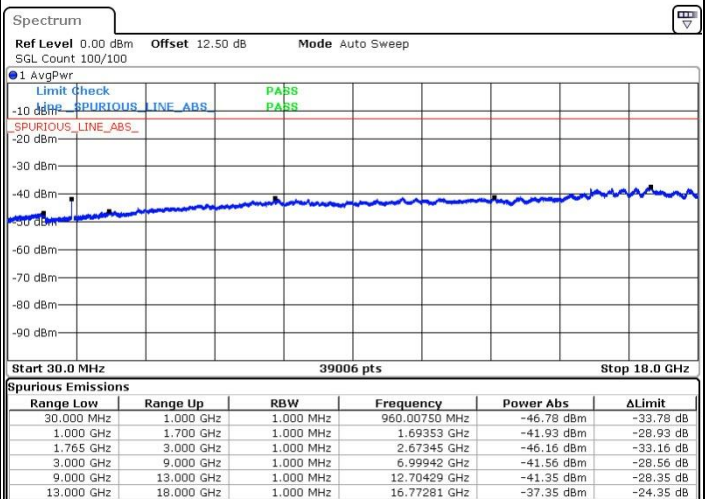
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 9 AUG 2015 11:24:48

Lowest Channel / 16QAM

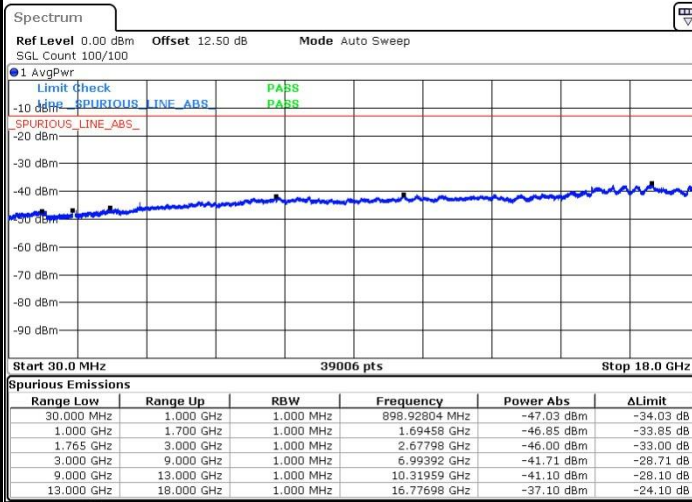


Date: 9 AUG 2015 11:25:43



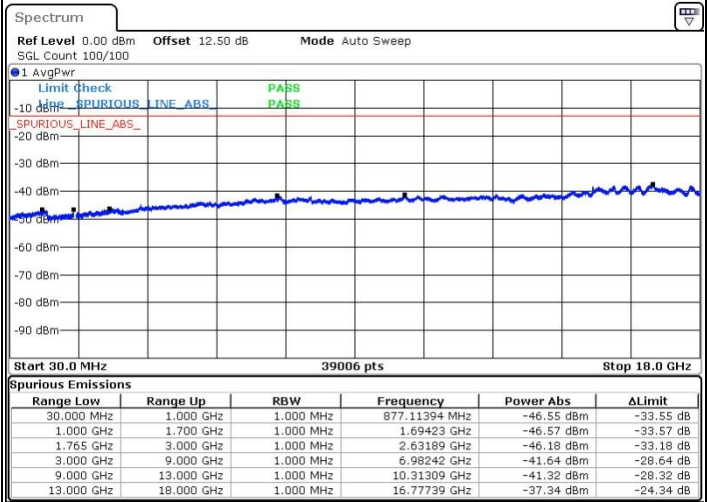
LTE Band 4 / 20MHz

Middle Channel / QPSK



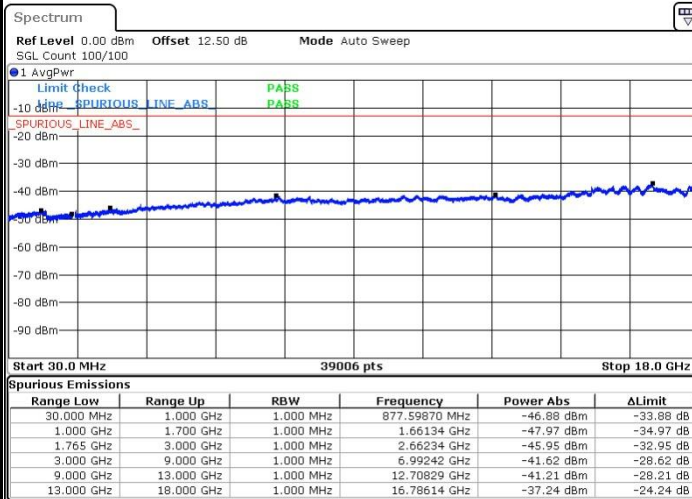
Date: 9 AUG 2015 11:27:20

Middle Channel / 16QAM



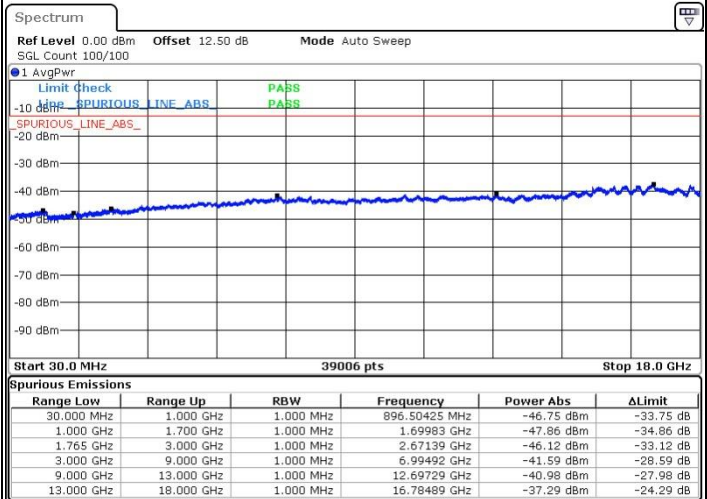
Date: 9 AUG 2015 11:28:14

Highest Channel / QPSK



Date: 9 AUG 2015 11:34:28

Highest Channel / 16QAM



Date: 9 AUG 2015 11:35:22

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

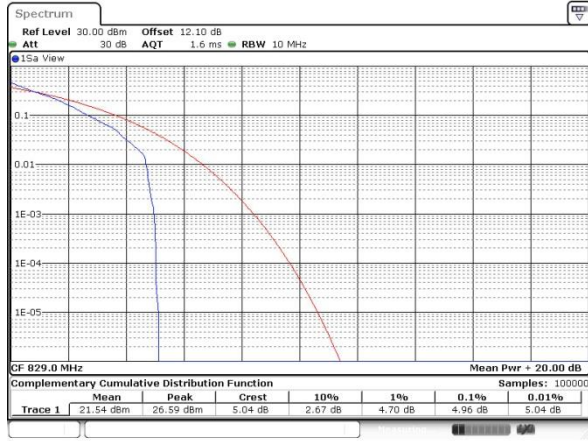
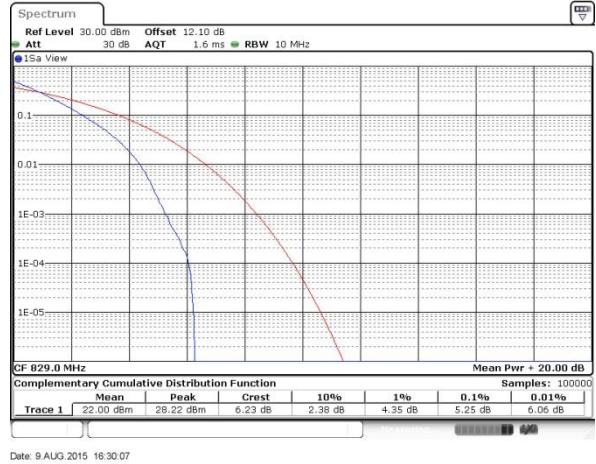
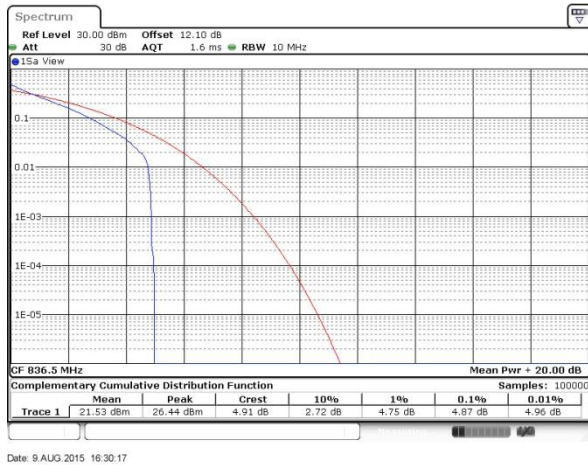
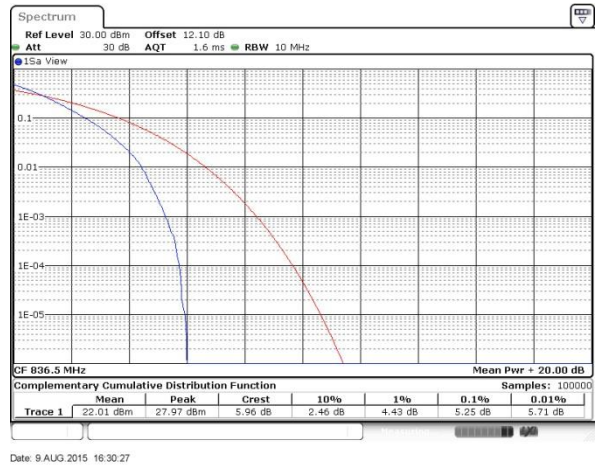
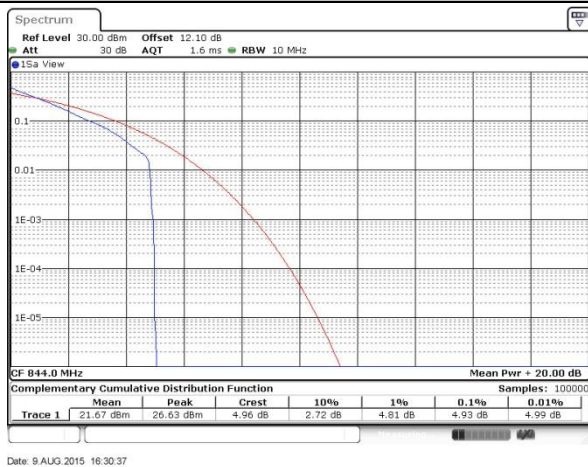
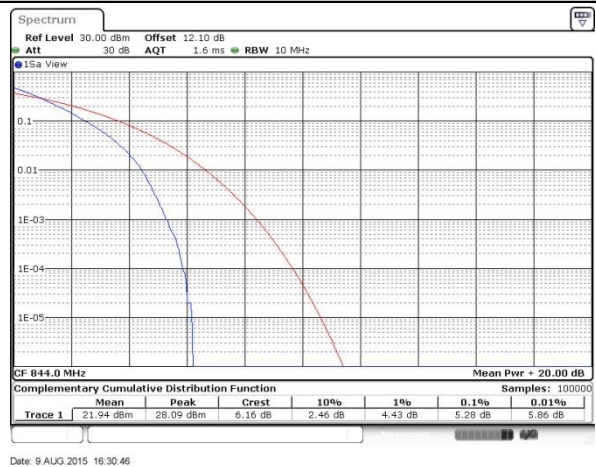
1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

Peak-to-Average Ratio

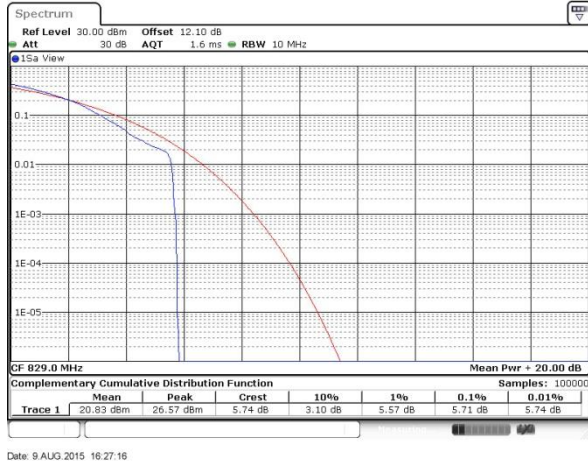
Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.96	5.25	5.71	6.14	PASS
Middle CH	4.87	5.25	5.65	6.17	
Highest CH	4.93	5.28	5.88	6.2	

LTE Band 5 / 10MHz / QPSK
Lowest Channel / 1RB

Lowest Channel / Full RB

Middle Channel / 1RB

Middle Channel / Full RB

Highest Channel / 1RB

Highest Channel / Full RB


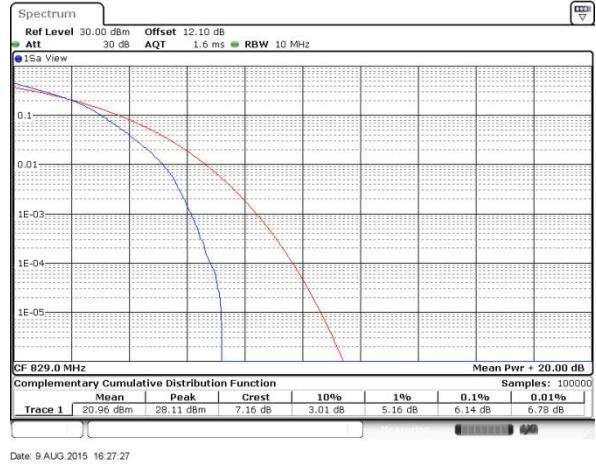


LTE Band 5 / 10MHz / 16QAM

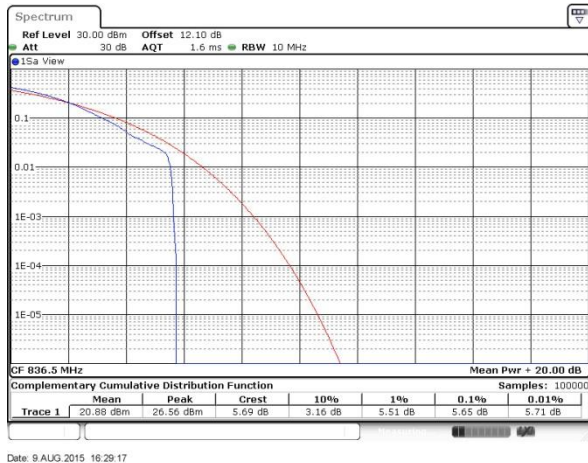
Lowest Channel / 1RB



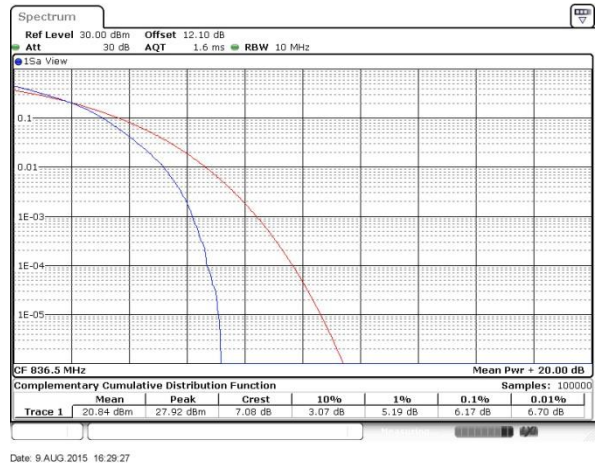
Lowest Channel / Full RB



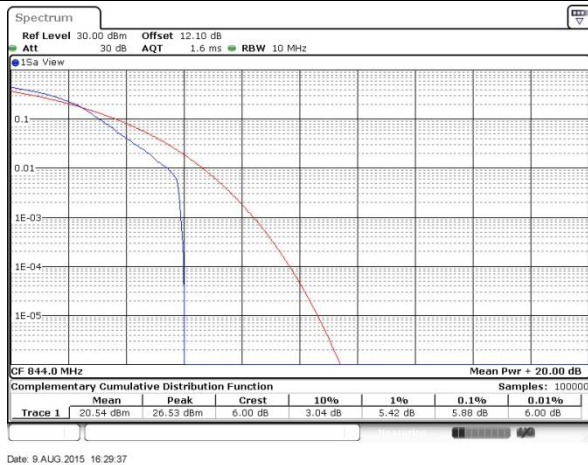
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

