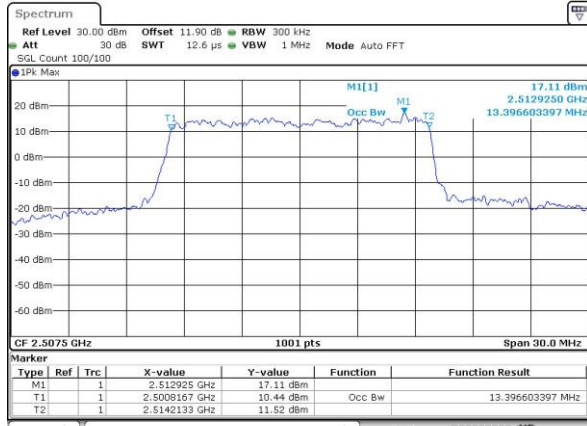


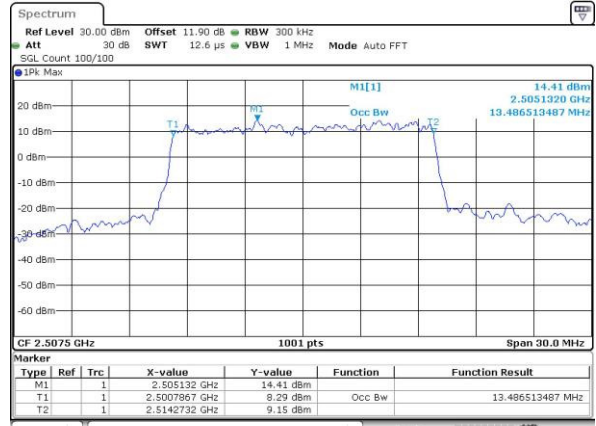


LTE Band 7

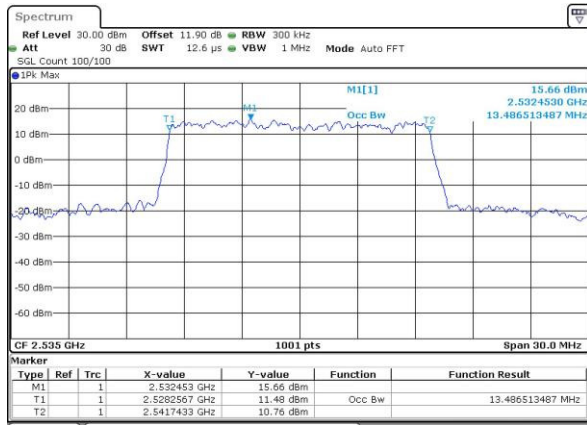
Lowest Channel / 15MHz / QPSK



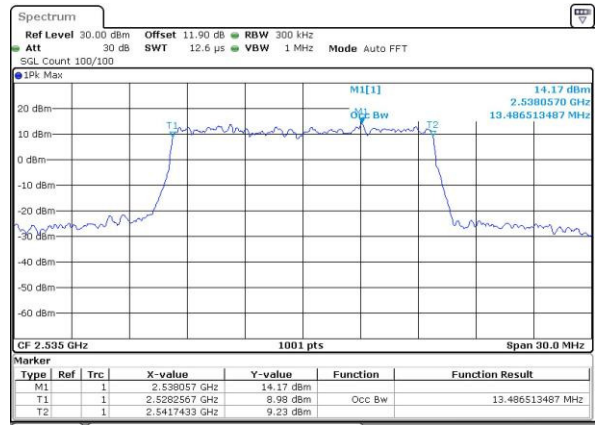
Lowest Channel / 15MHz / 16QAM



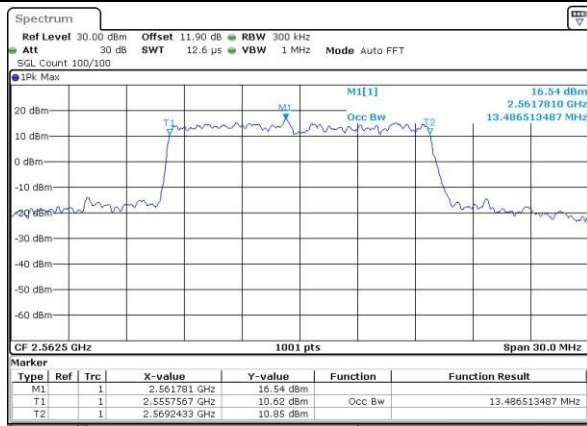
Middle Channel / 15MHz / QPSK



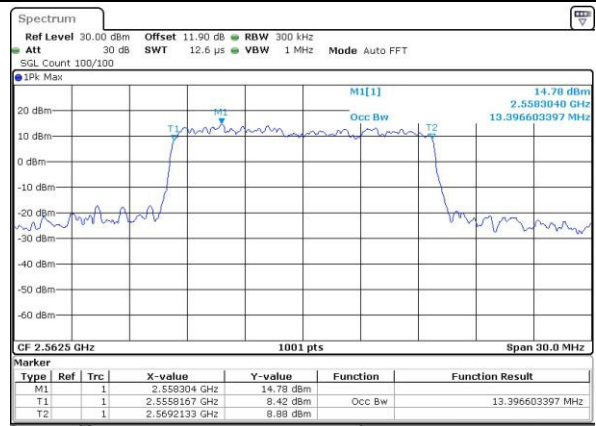
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



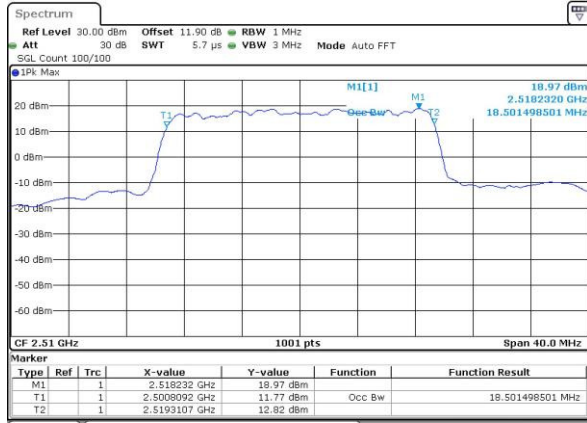
Highest Channel / 15MHz / 16QAM



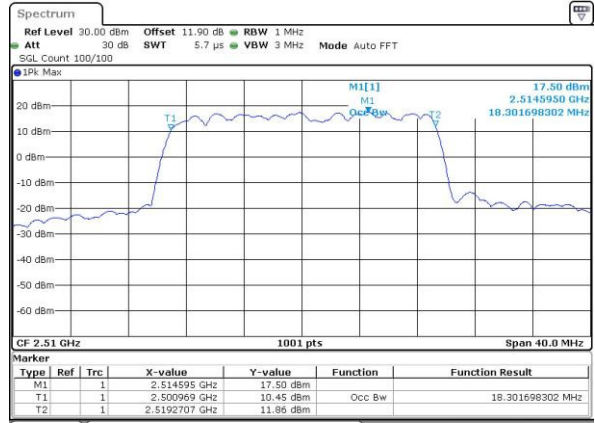


LTE Band 7

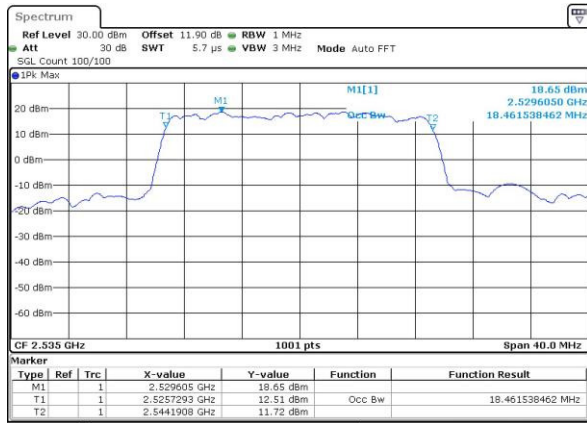
Lowest Channel / 20MHz / QPSK



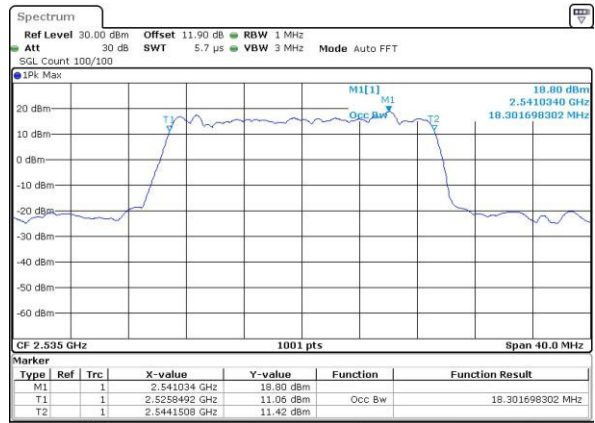
Lowest Channel / 20MHz / 16QAM



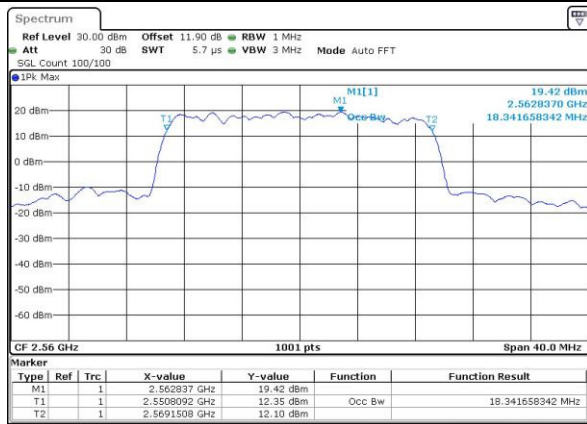
Middle Channel / 20MHz / QPSK



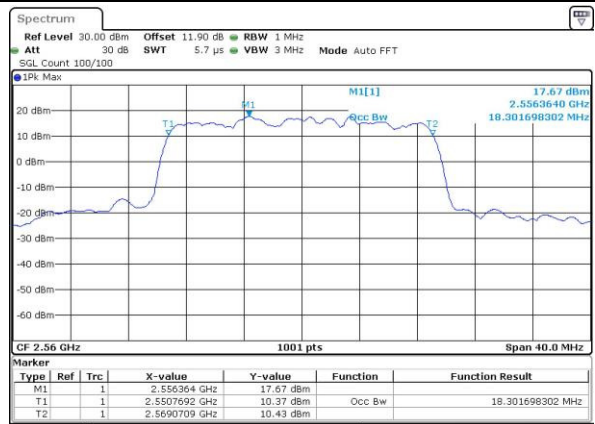
Middle Channel / 20MHz / 16QAM

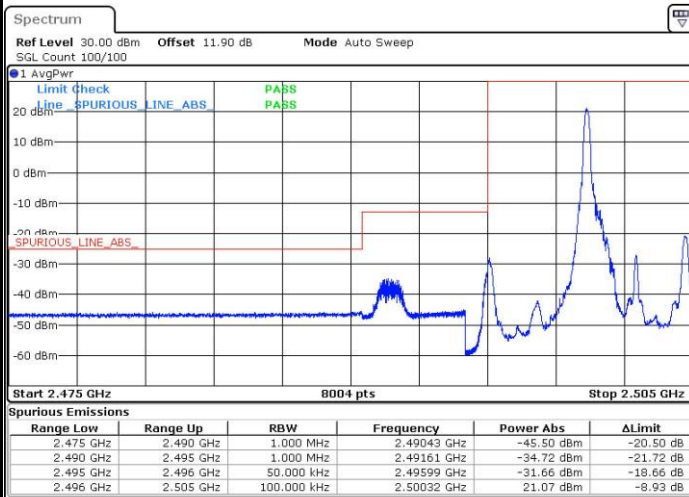
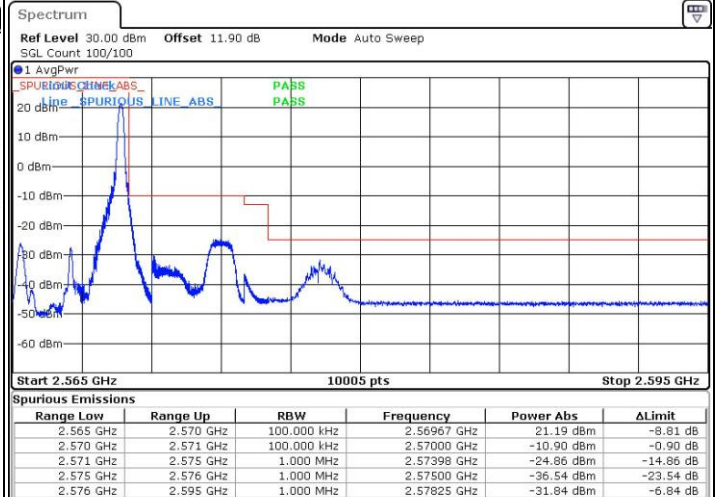
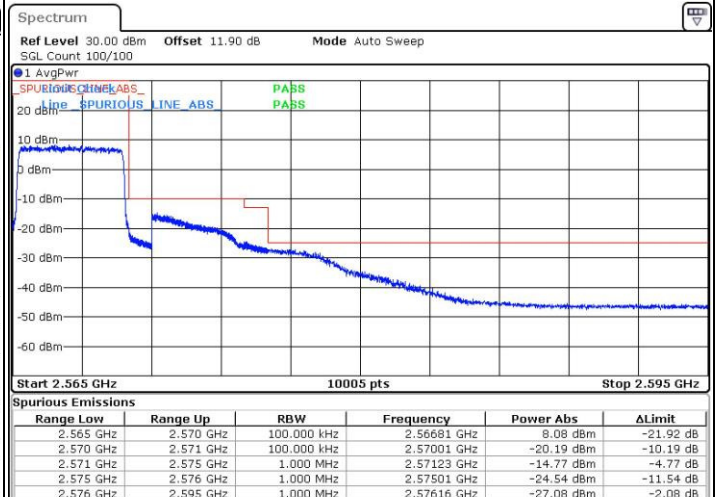


Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

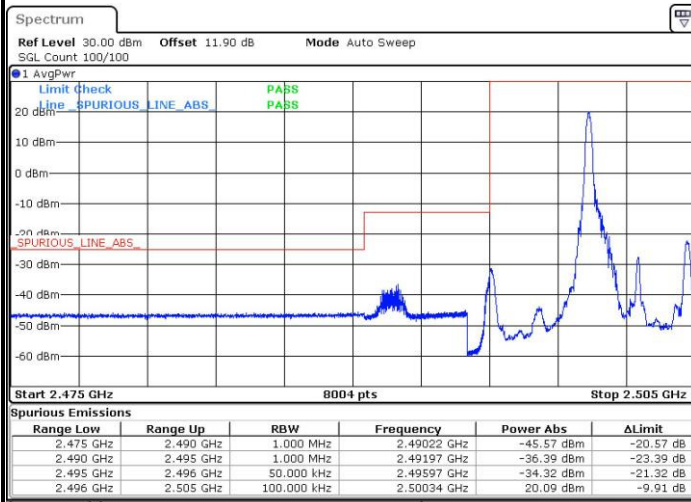


**Conducted Band Edge****LTE Band 7 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

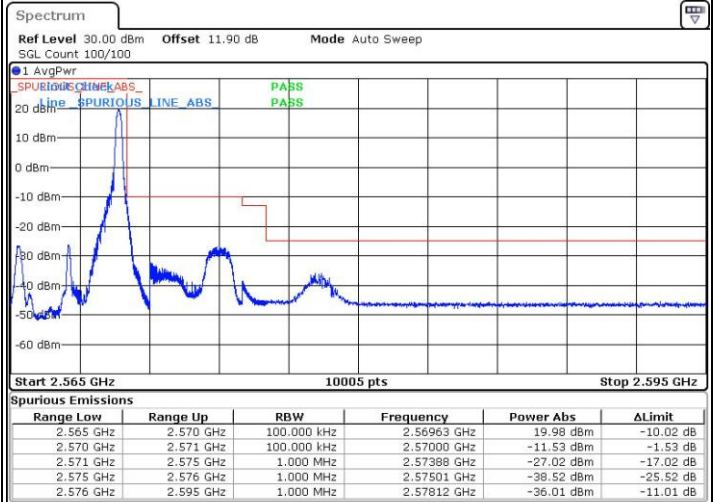


LTE Band 7 / 5MHz / 16QAM

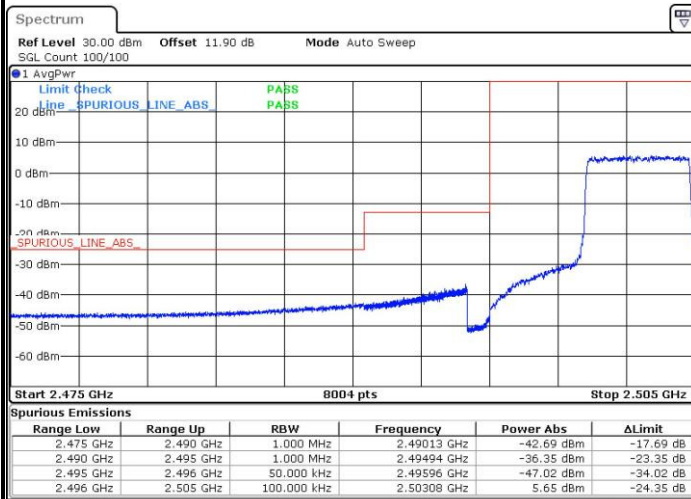
Lowest Band Edge / 1 RB



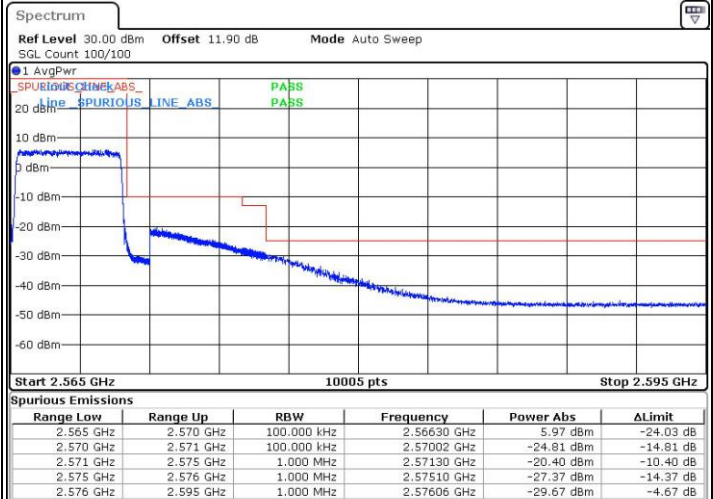
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



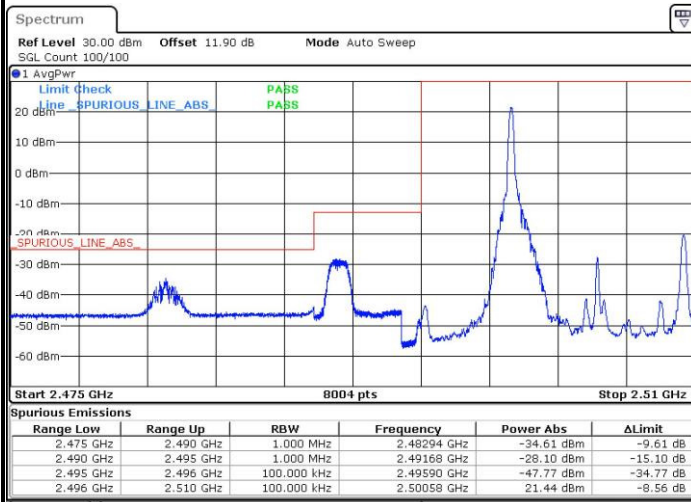
Highest Band Edge / Full RB



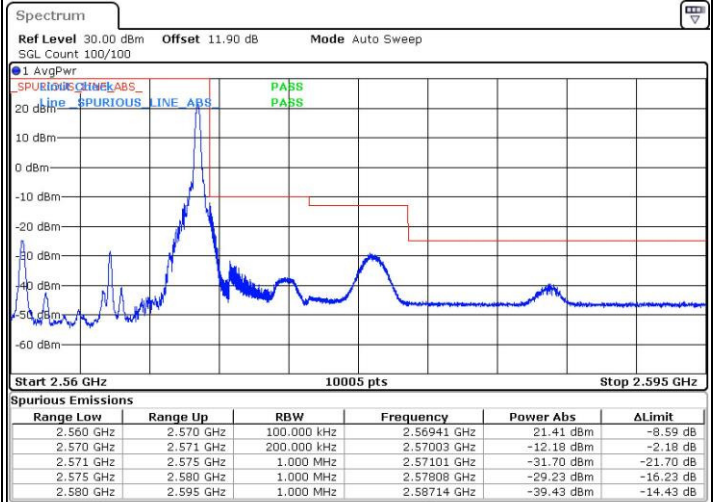


LTE Band 7 / 10MHz / QPSK

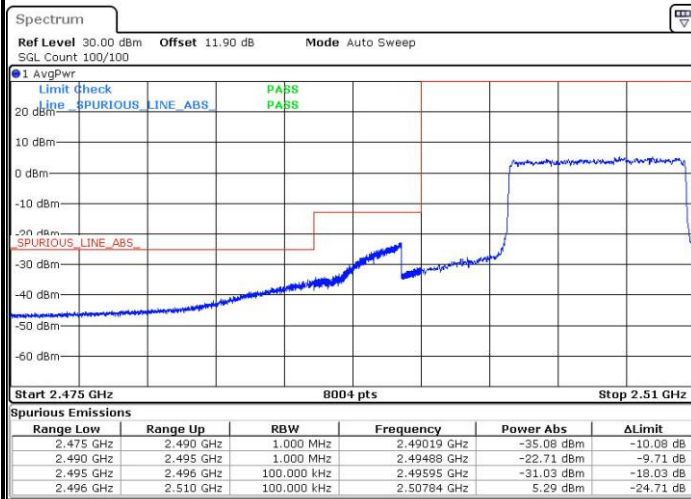
Lowest Band Edge / 1 RB



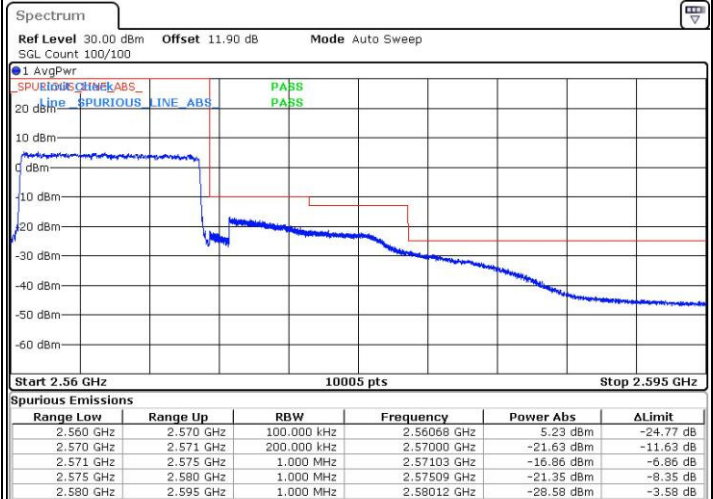
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



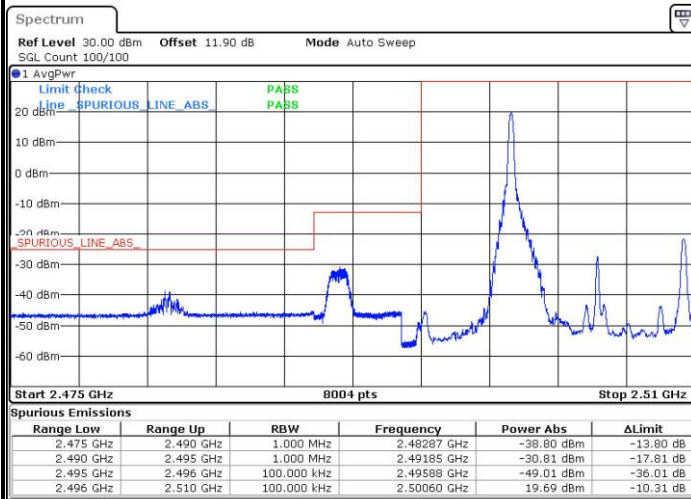
Highest Band Edge / Full RB



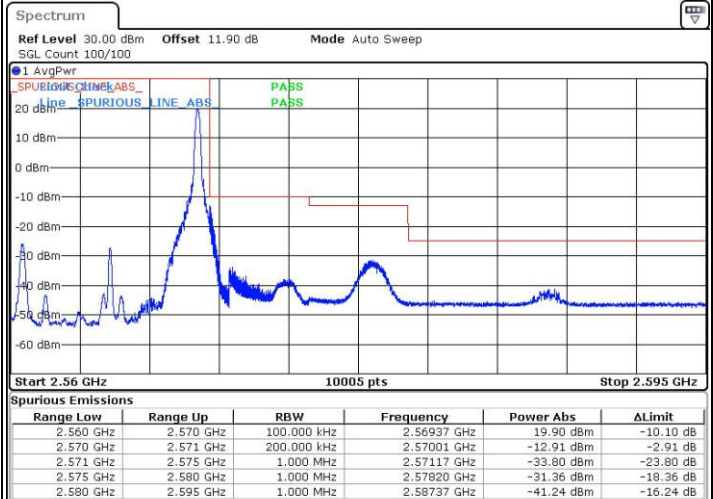


LTE Band 7 / 10MHz / 16QAM

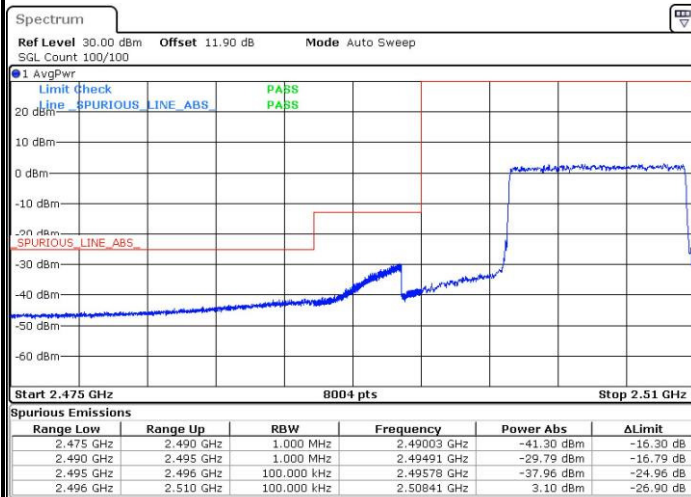
Lowest Band Edge / 1 RB



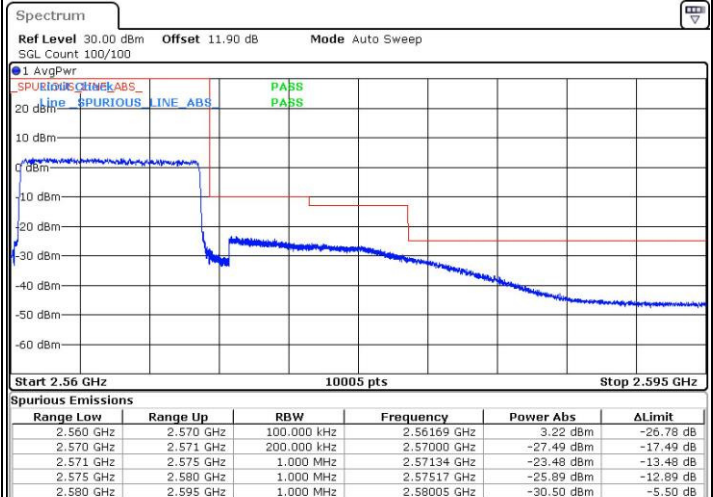
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



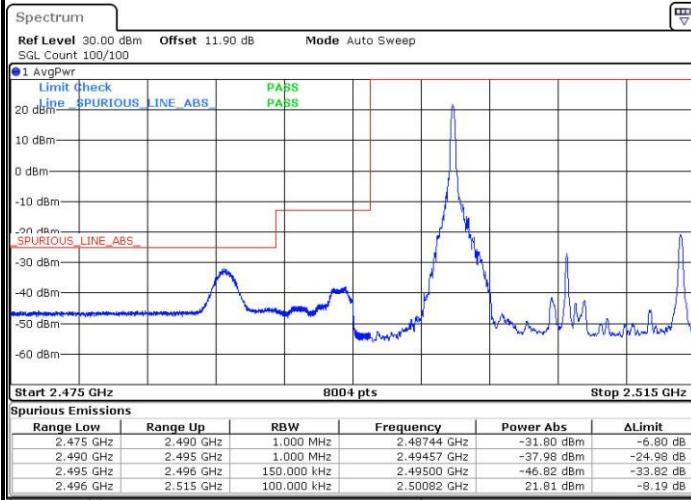
Highest Band Edge / Full RB



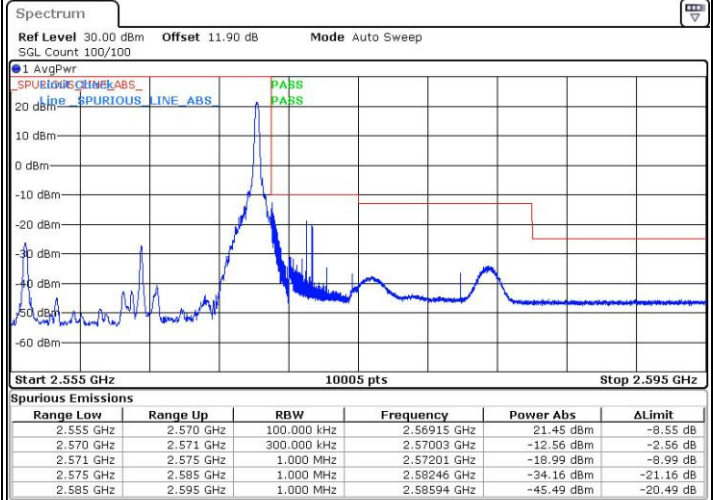


LTE Band 7 / 15MHz / QPSK

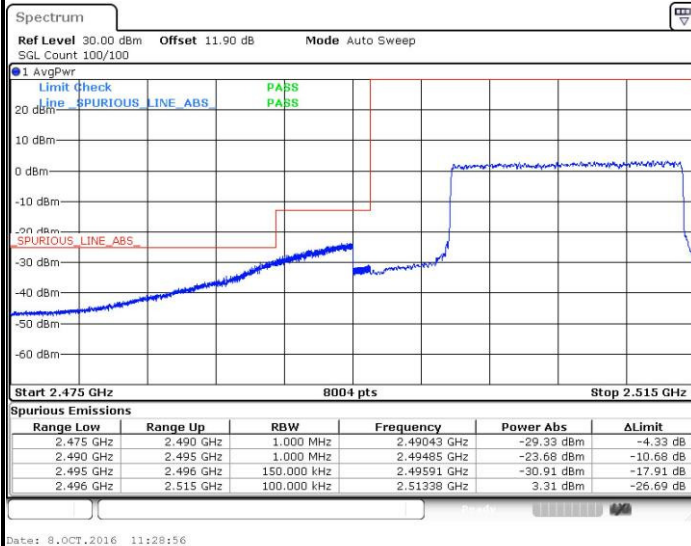
Lowest Band Edge / 1 RB



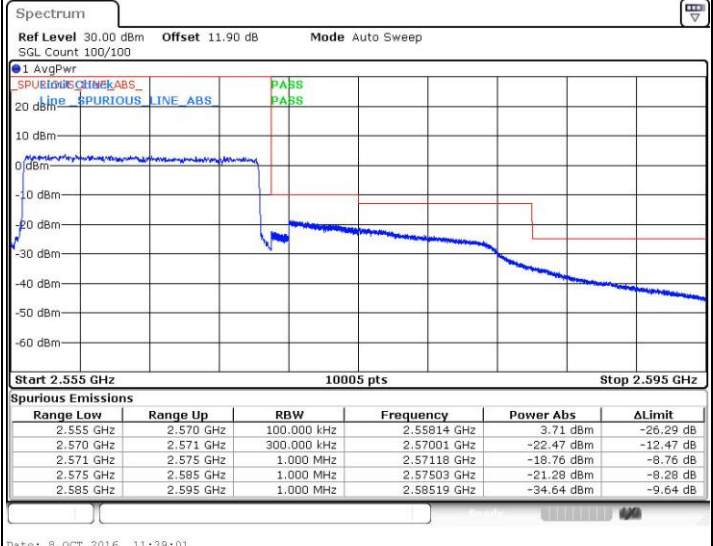
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



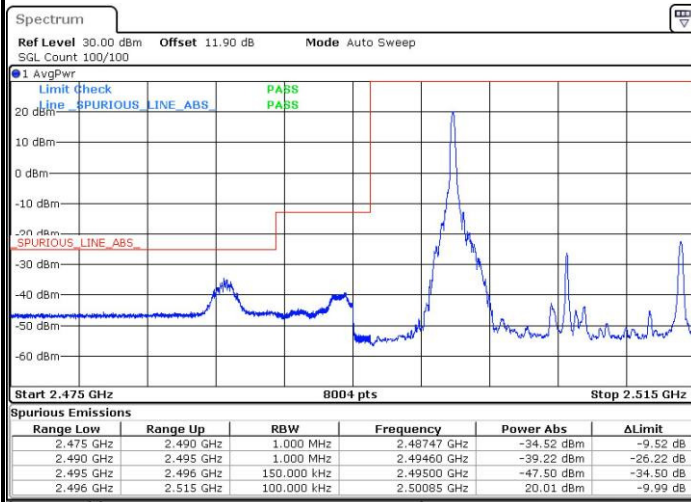
Highest Band Edge / Full RB



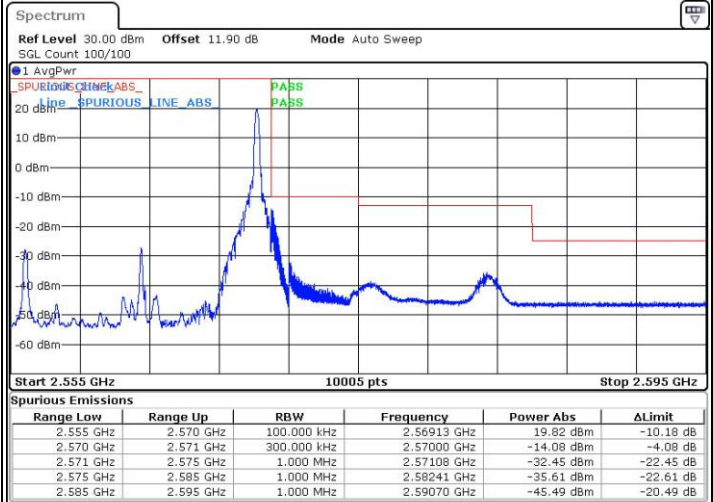


LTE Band 7 / 15MHz / 16QAM

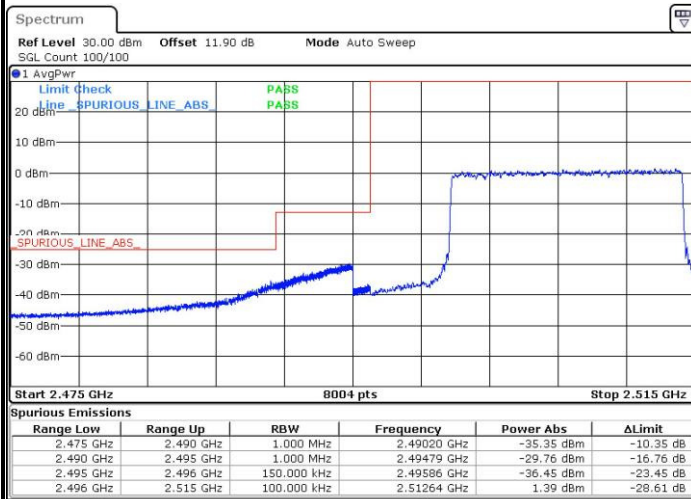
Lowest Band Edge / 1 RB



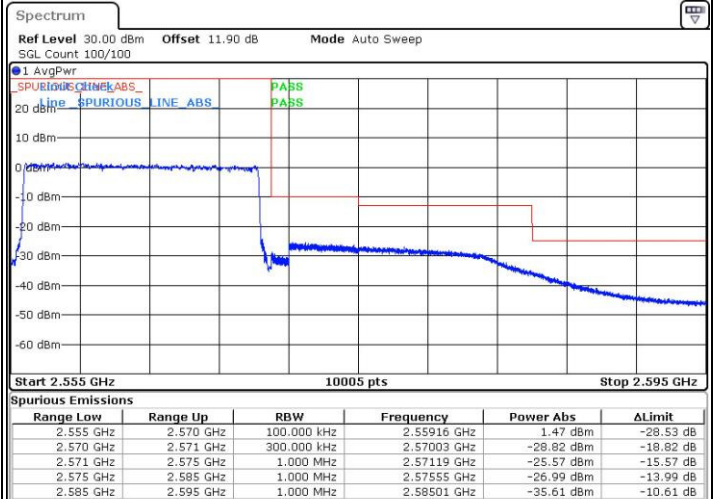
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



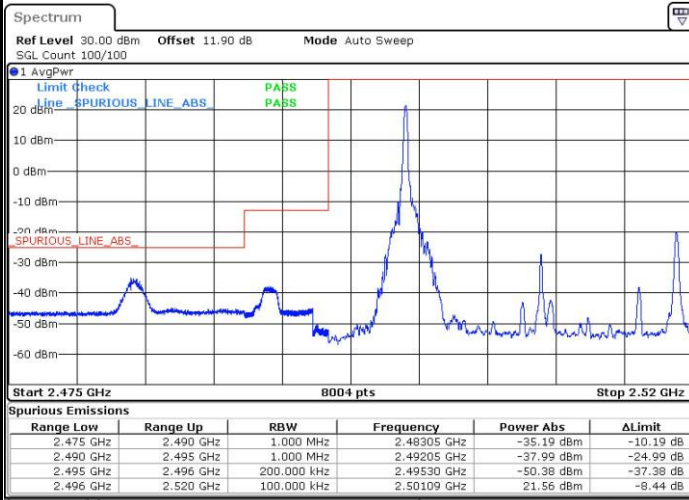
Highest Band Edge / Full RB



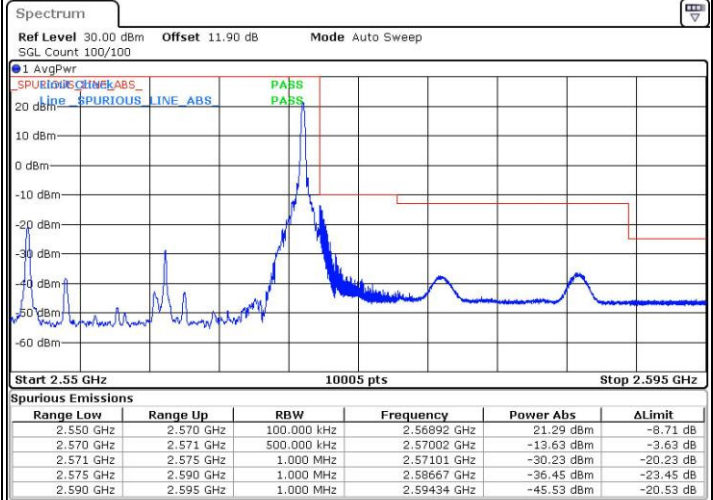


LTE Band 7 / 20MHz / QPSK

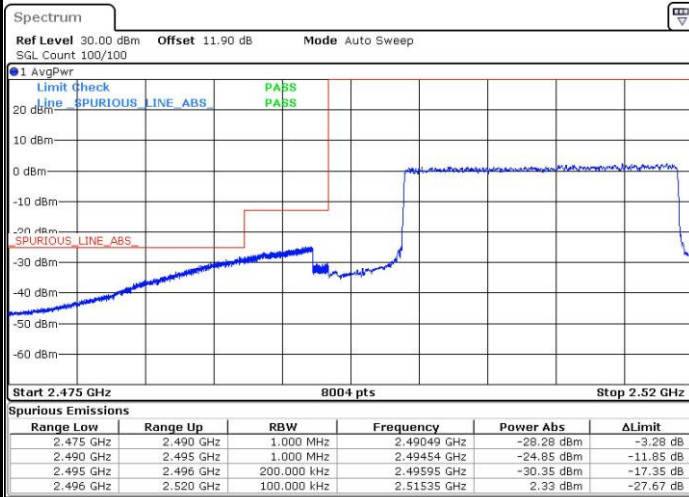
Lowest Band Edge / 1 RB



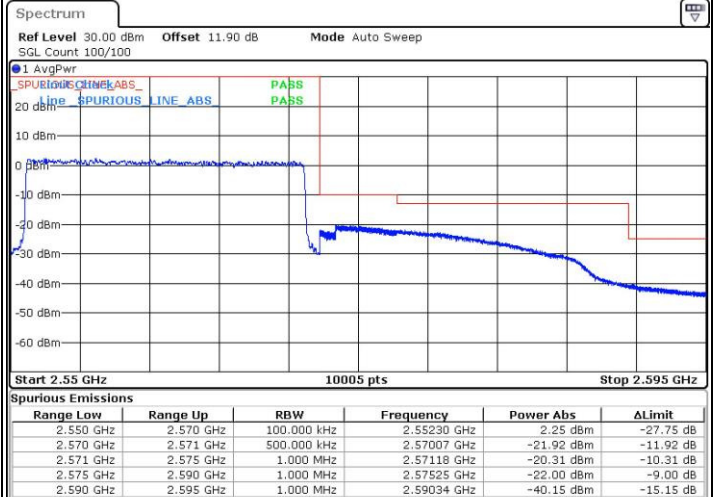
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



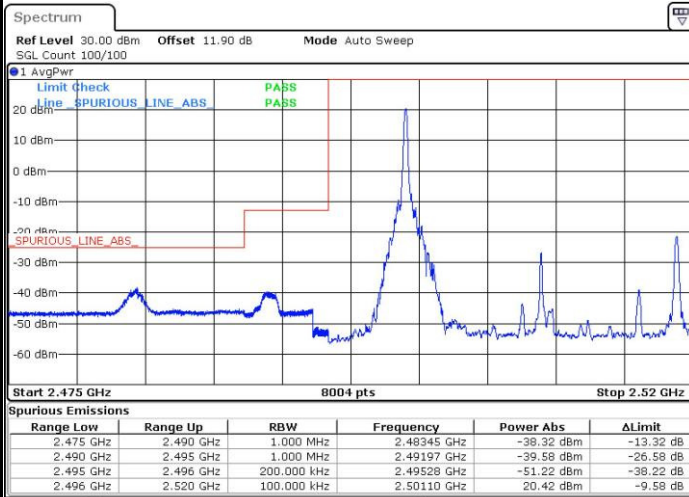
Highest Band Edge / Full RB



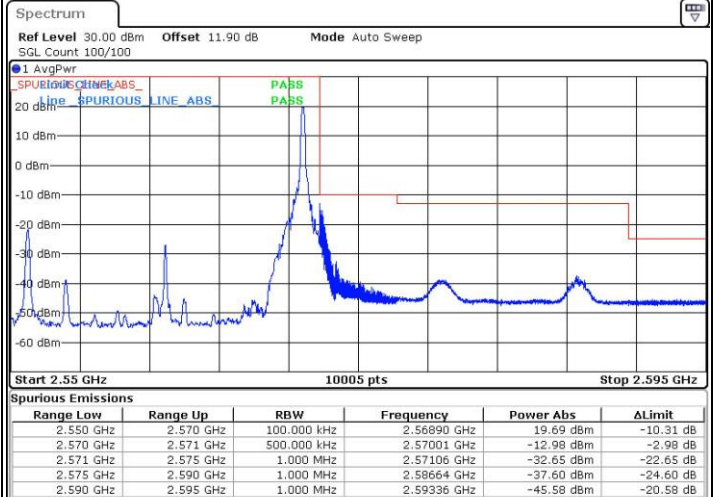


LTE Band 7 / 20MHz / 16QAM

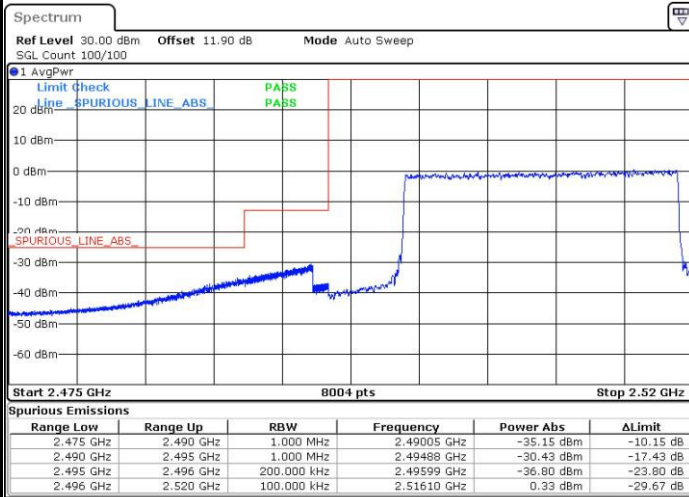
Lowest Band Edge / 1 RB



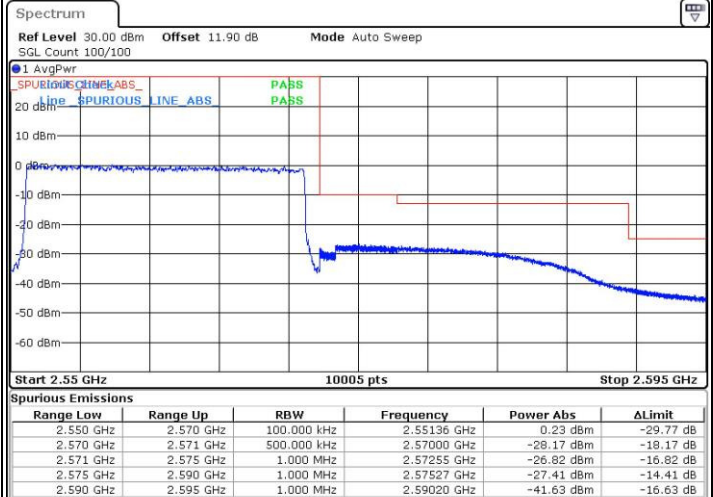
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

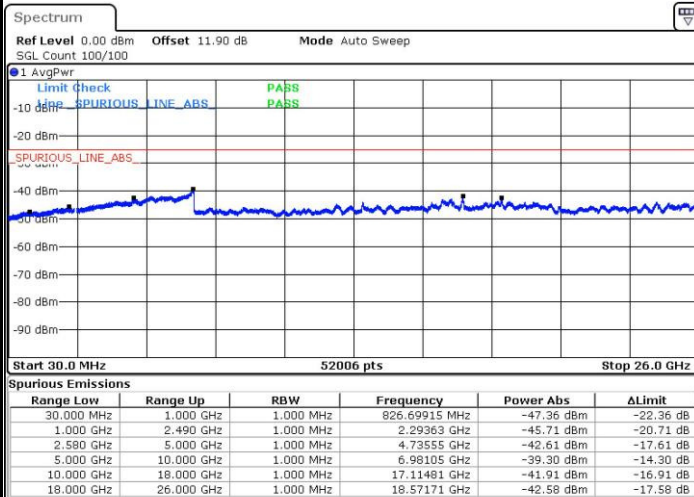




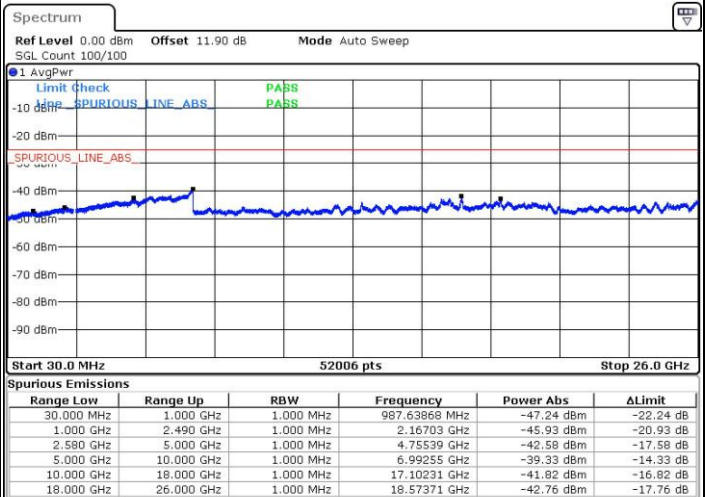
Conducted Spurious Emission

LTE Band 7 / 5MHz

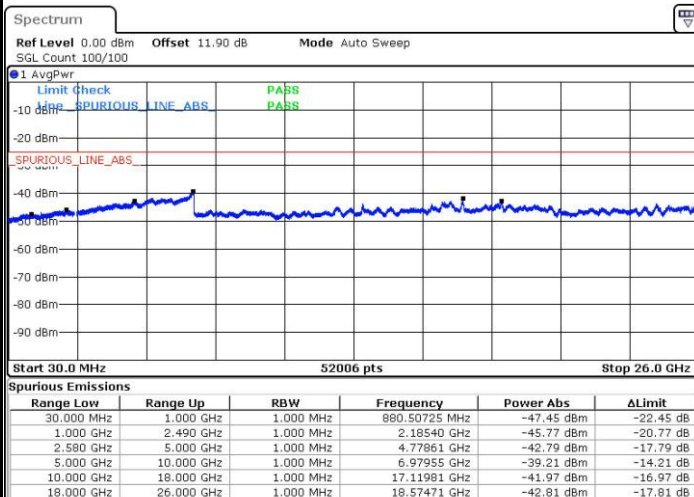
Lowest Channel / QPSK



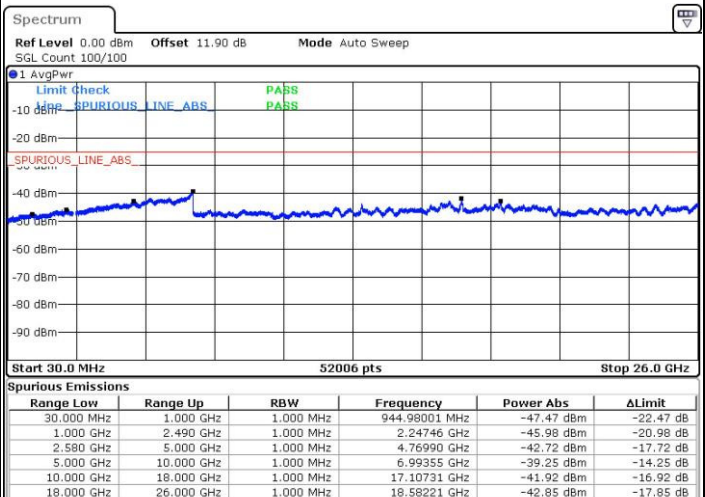
Lowest Channel / 16QAM



Middle Channel / QPSK



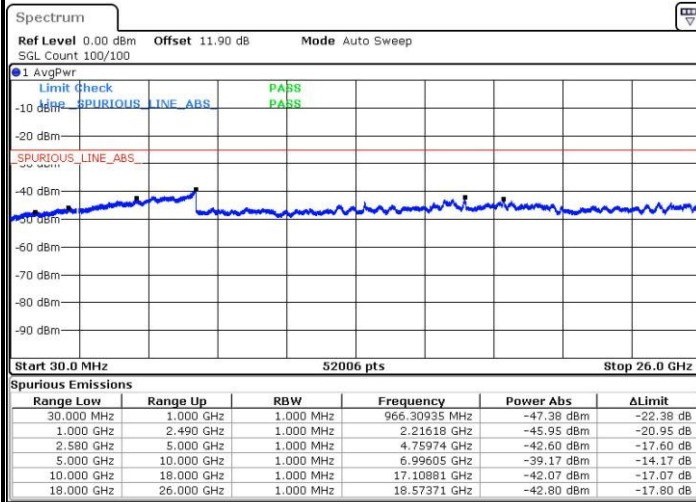
Middle Channel / 16QAM





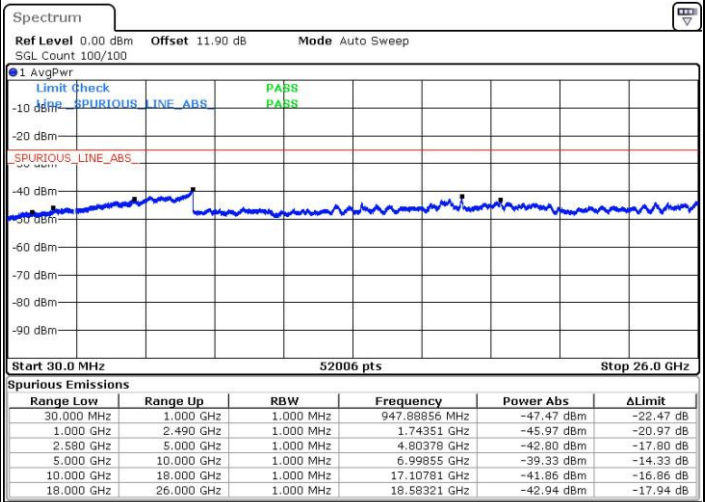
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 8.OCT.2016 11:06:11

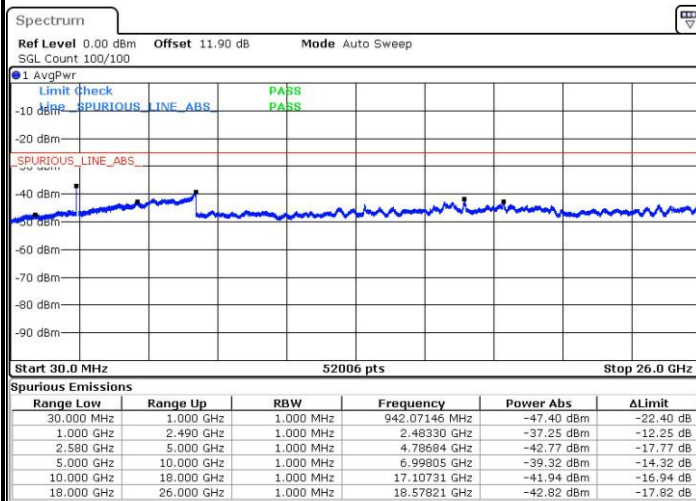
Highest Channel / 16QAM



Date: 8.OCT.2016 11:07:09

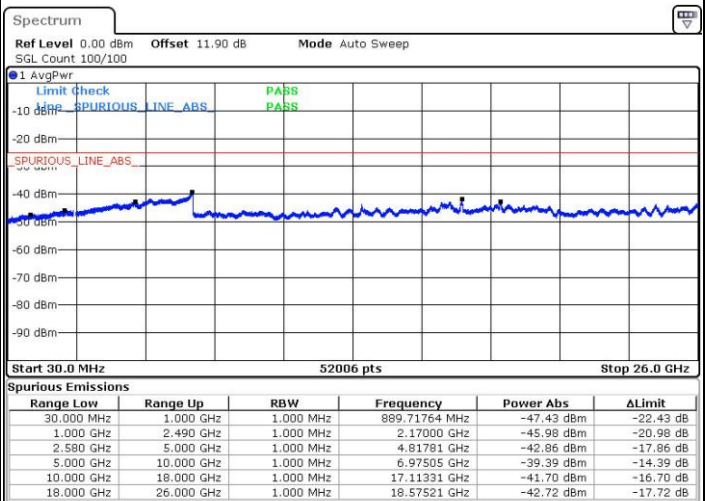
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 8.OCT.2016 11:13:34

Lowest Channel / 16QAM

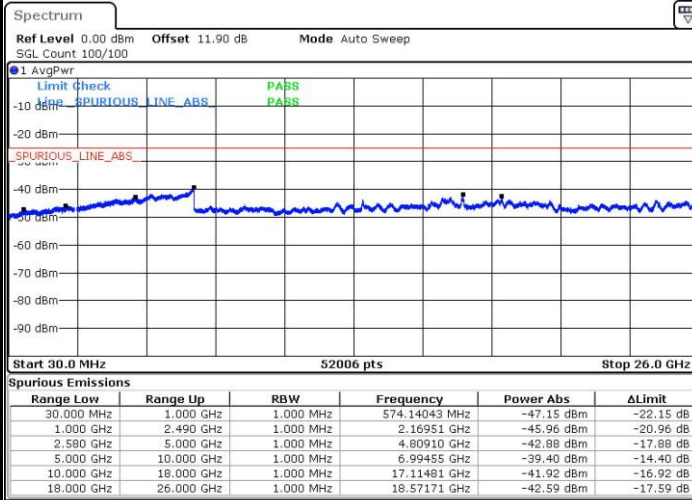


Date: 8.OCT.2016 11:14:32



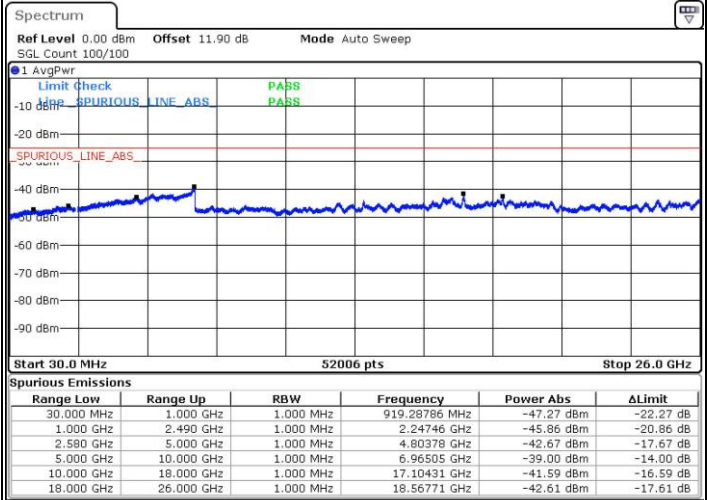
LTE Band 7 / 10MHz

Middle Channel / QPSK



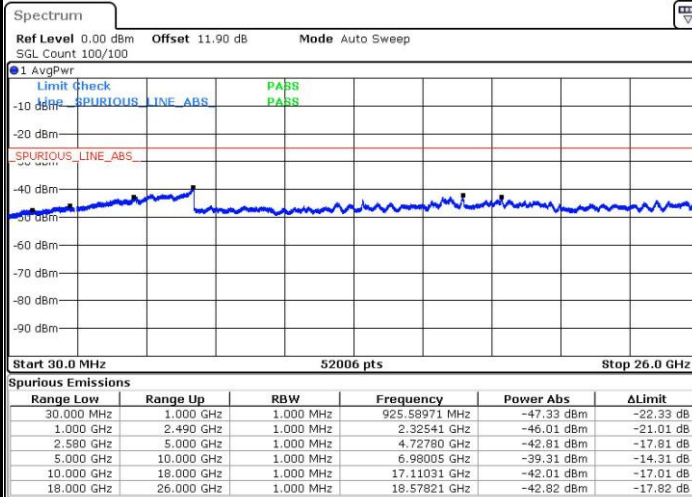
Date: 8.OCT.2016 11:16:17

Middle Channel / 16QAM



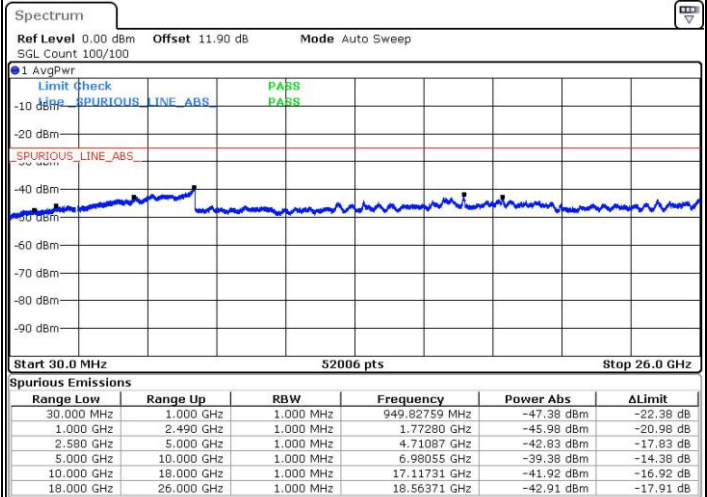
Date: 8.OCT.2016 11:17:14

Highest Channel / QPSK



Date: 8.OCT.2016 11:23:39

Highest Channel / 16QAM

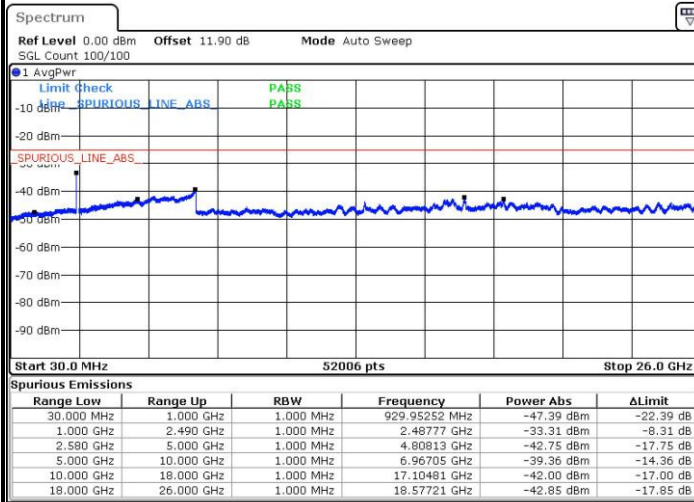


Date: 8.OCT.2016 11:24:38



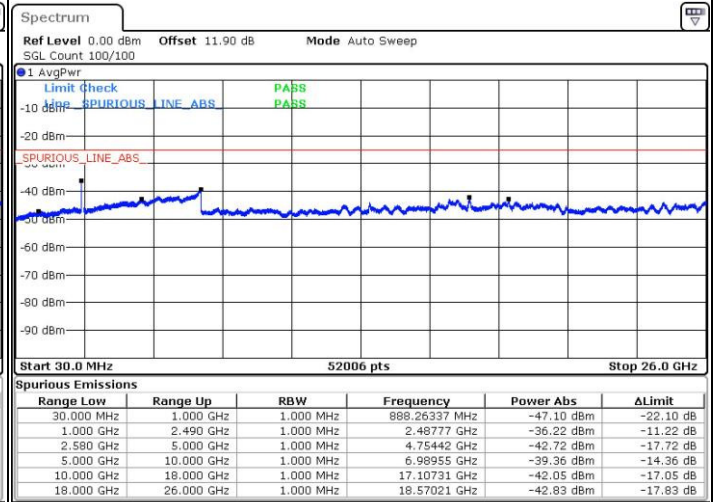
LTE Band 7 / 15MHz

Lowest Channel / QPSK



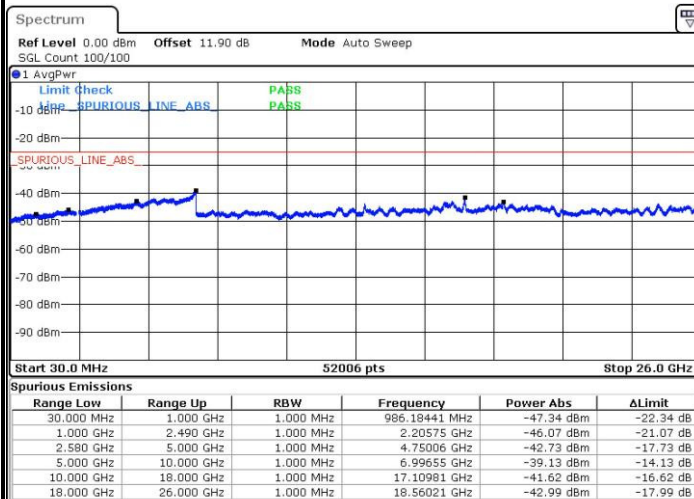
Date: 8.OCT.2016 11:31:02

Lowest Channel / 16QAM



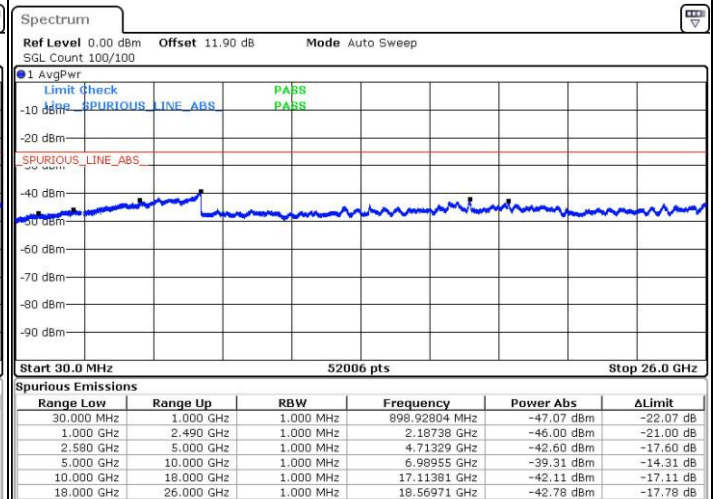
Date: 8.OCT.2016 11:32:00

Middle Channel / QPSK



Date: 8.OCT.2016 11:33:45

Middle Channel / 16QAM

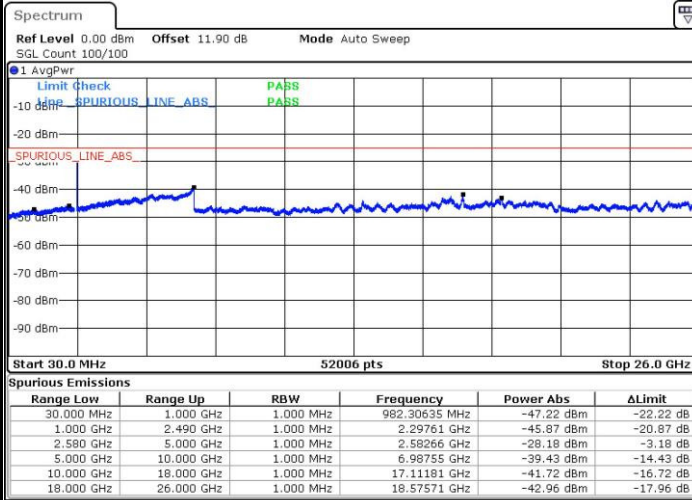


Date: 8.OCT.2016 11:34:43



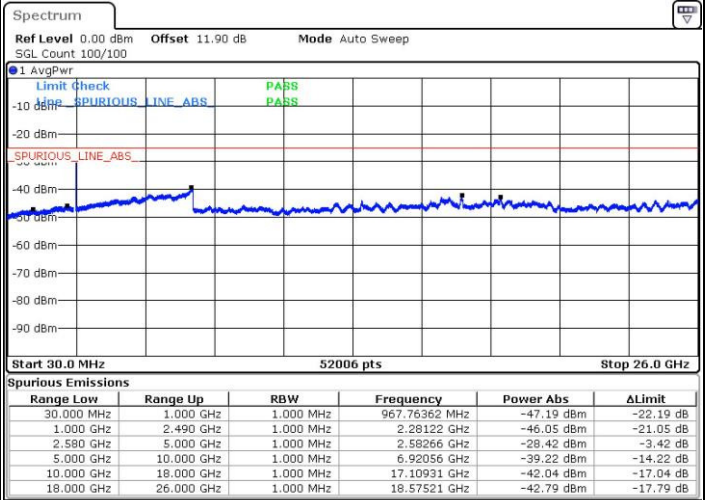
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 8.OCT.2016 11:41:08

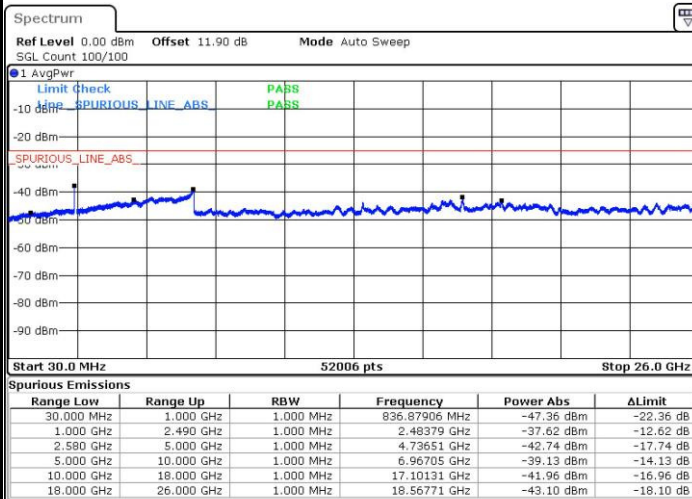
Highest Channel / 16QAM



Date: 8.OCT.2016 11:42:06

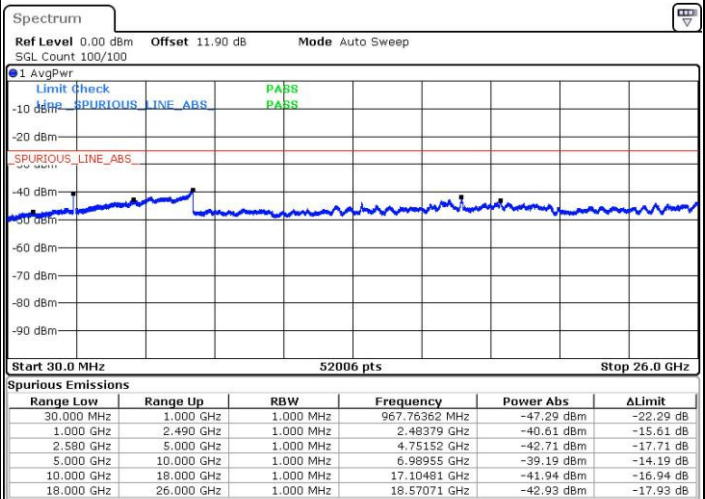
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 8.OCT.2016 11:48:30

Lowest Channel / 16QAM

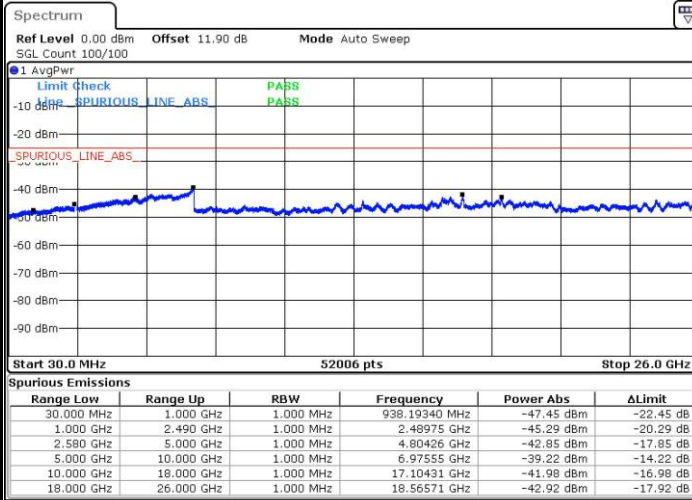


Date: 8.OCT.2016 11:49:28



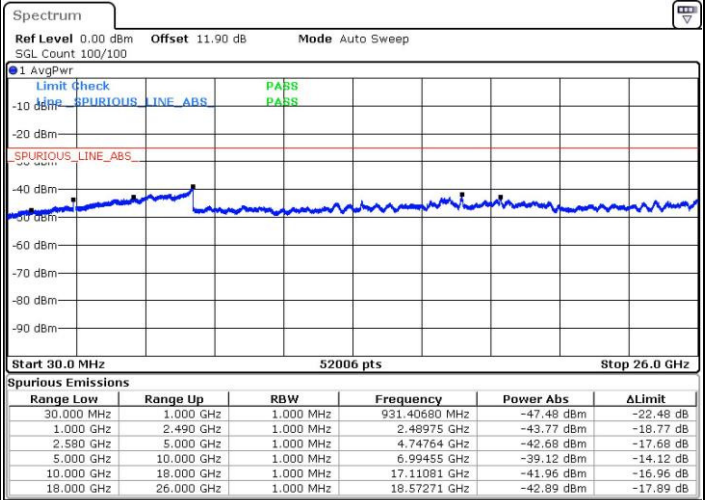
LTE Band 7 / 20MHz

Middle Channel / QPSK



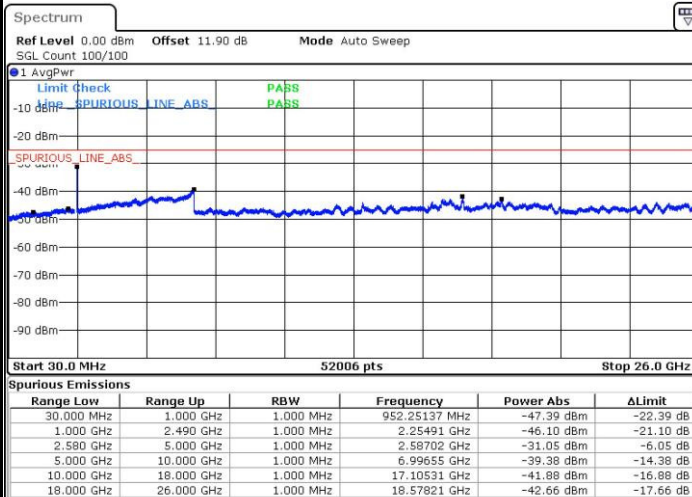
Date: 8.OCT.2016 11:51:13

Middle Channel / 16QAM



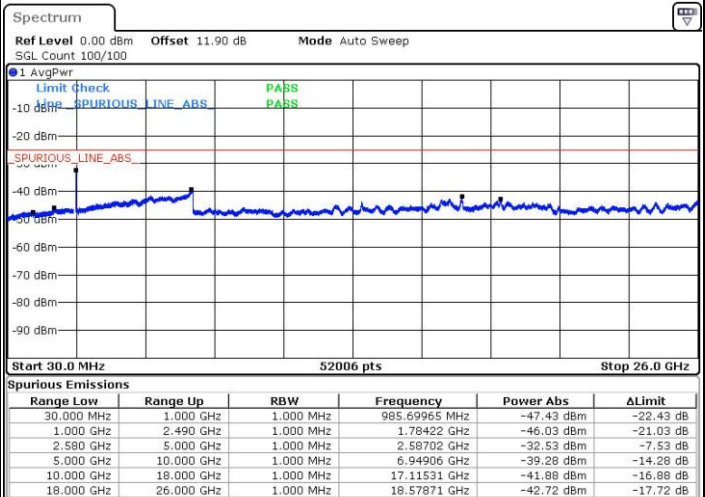
Date: 8.OCT.2016 11:52:11

Highest Channel / QPSK



Date: 8.OCT.2016 11:58:36

Highest Channel / 16QAM



Date: 8.OCT.2016 11:59:34

Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0131	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0090	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

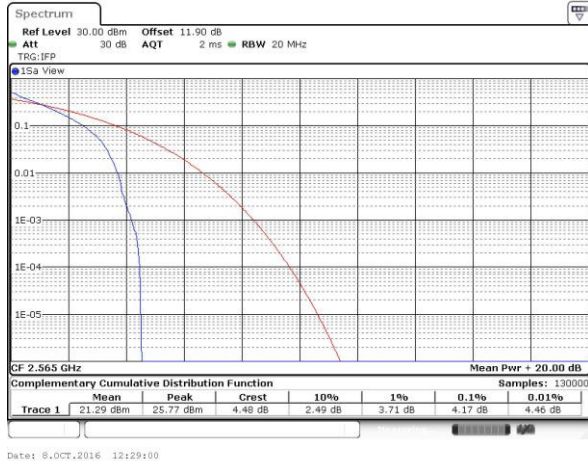
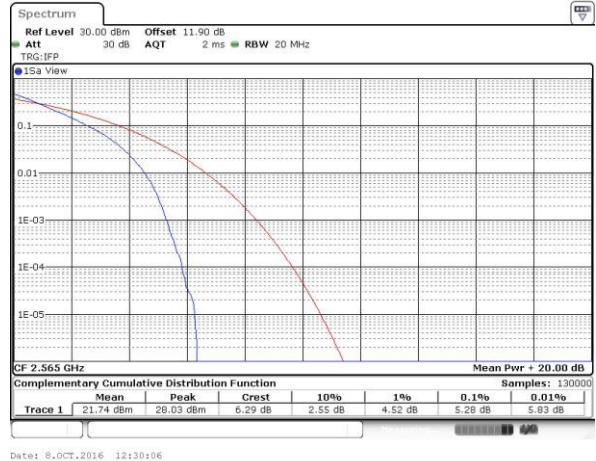
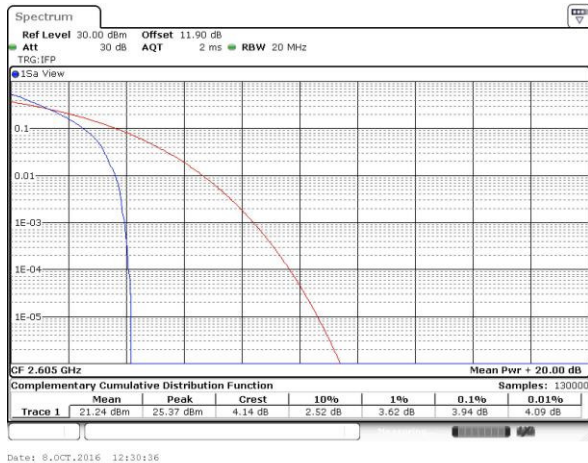
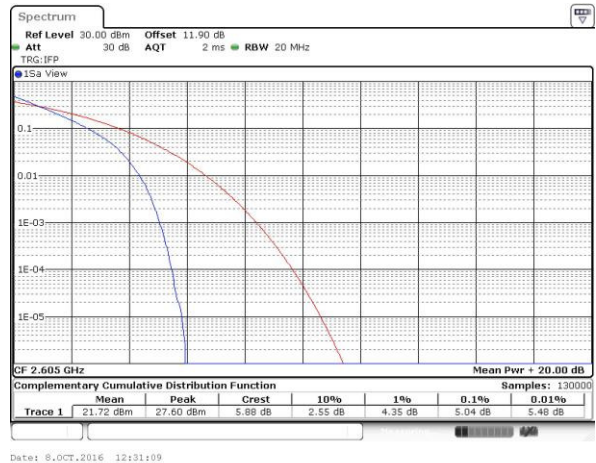
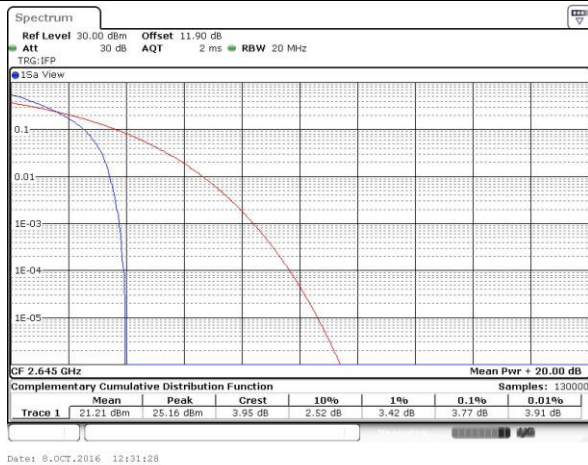
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



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	4.17	5.28	5.13	6.17	PASS
Middle CH	3.94	5.04	4.7	5.91	
Highest CH	3.77	4.81	4.72	5.77	

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
