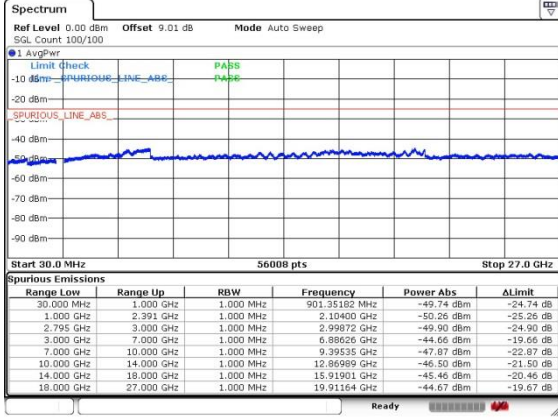


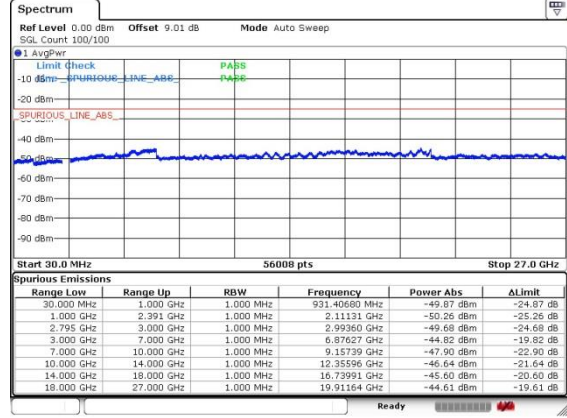


EN-DC_25A_n41A / LTE 10MHz + NR 50MHz

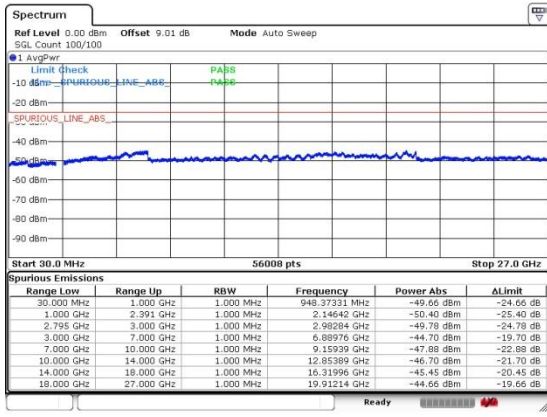
Lowest Channel / 16QAM



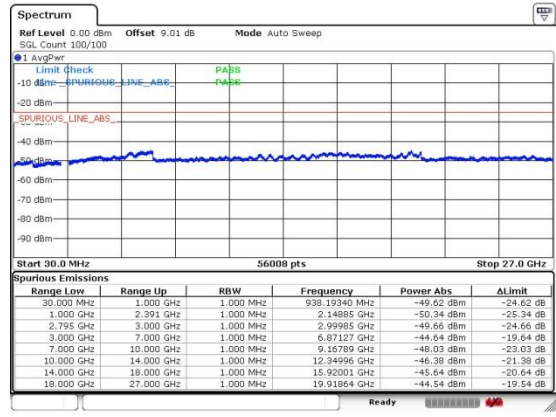
Lowest Channel / 64QAM



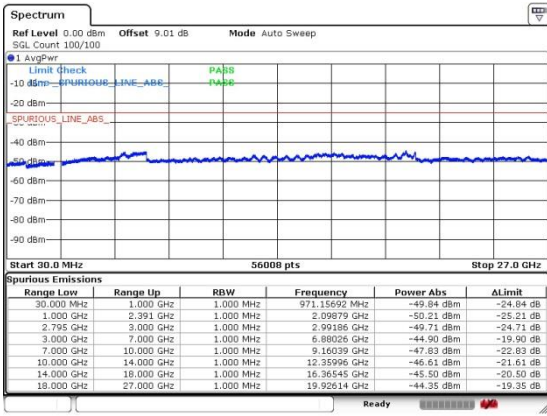
Middle Channel / 16QAM



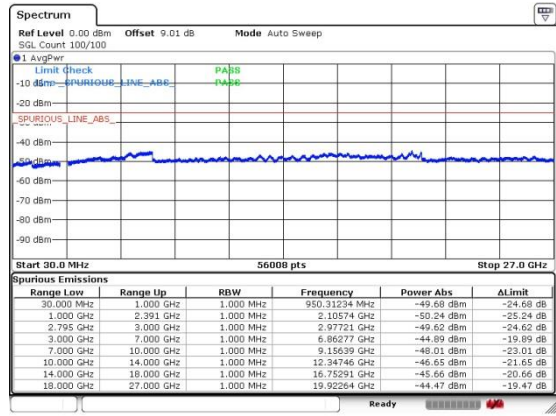
Middle Channel / 64QAM



Highest Channel / 16QAM



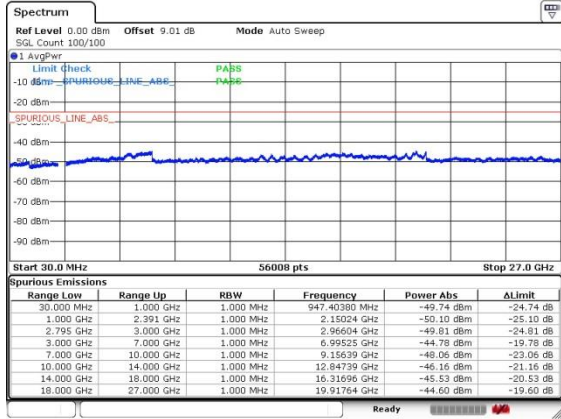
Highest Channel / 64QAM



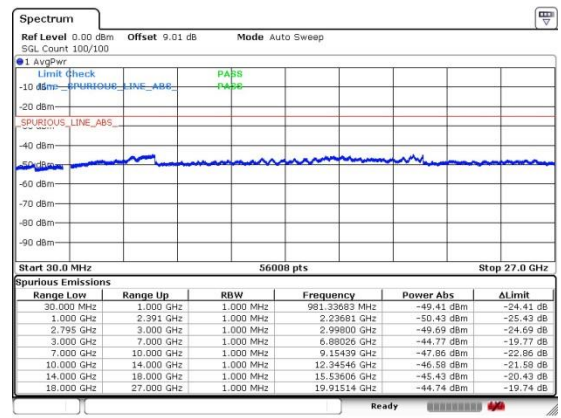


EN-DC_25A_n41A / LTE 10MHz + NR 50MHz

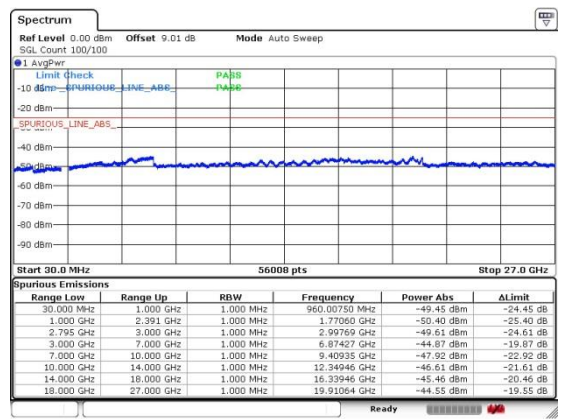
Lowest Channel / 256QAM



Middle Channel / 256QAM



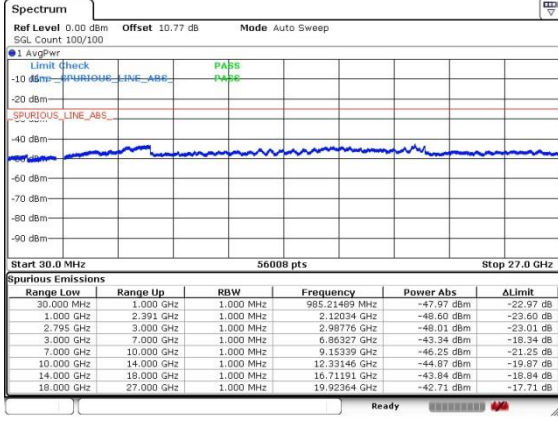
Highest Channel / 256QAM



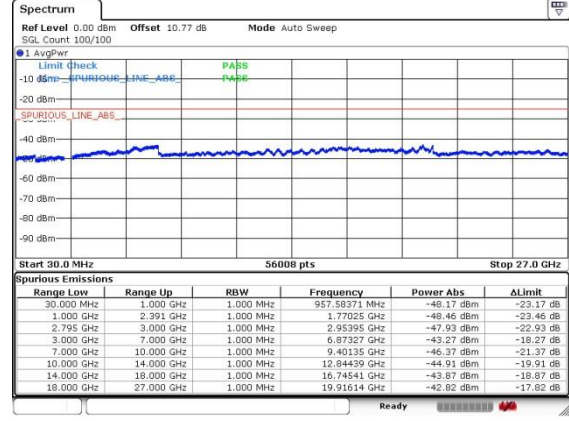


EN-DC_25A_n41A / LTE 10MHz + NR 60MHz

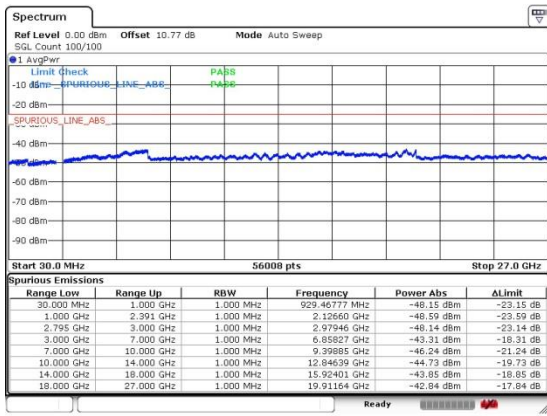
Lowest Channel / BPSK



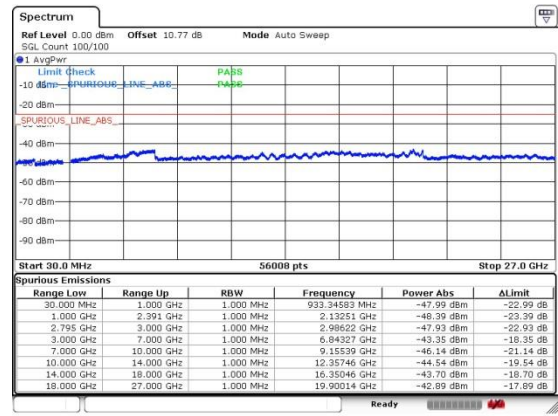
Lowest Channel / QPSK



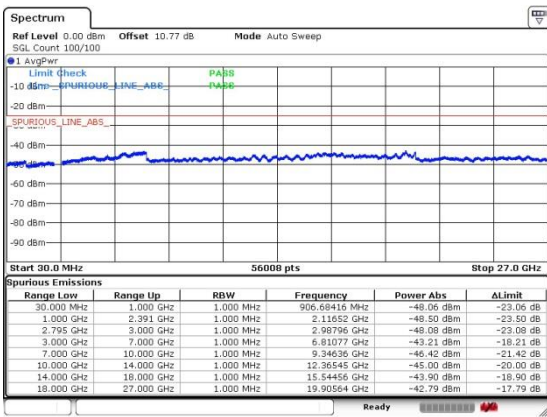
Middle Channel / BPSK



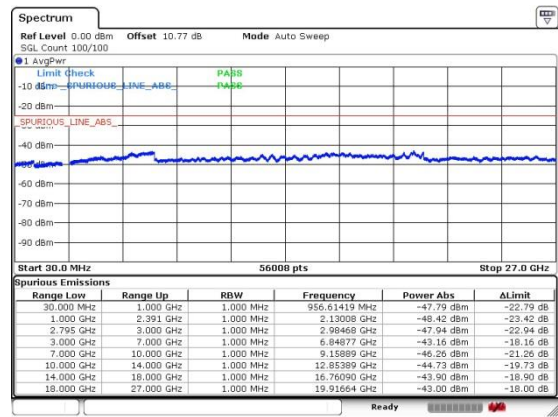
Middle Channel / QPSK



Highest Channel / BPSK



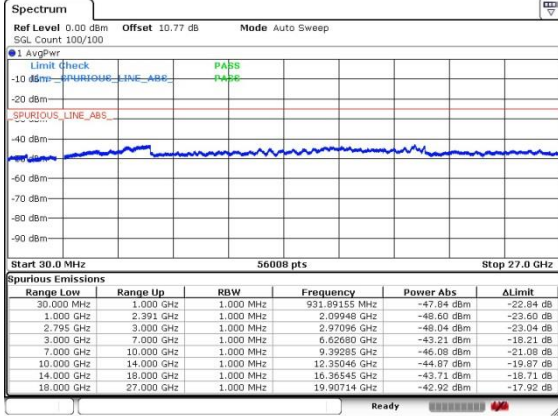
Highest Channel / QPSK



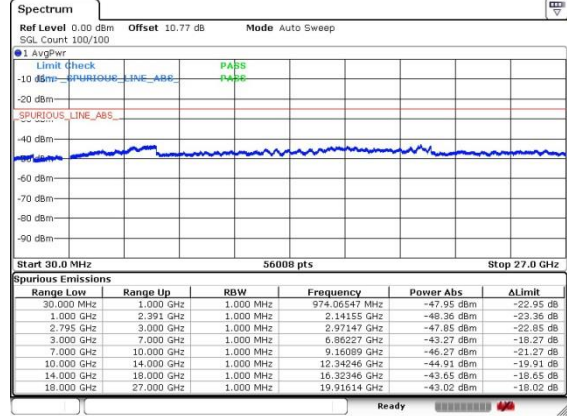


EN-DC_25A_n41A / LTE 10MHz + NR 60MHz

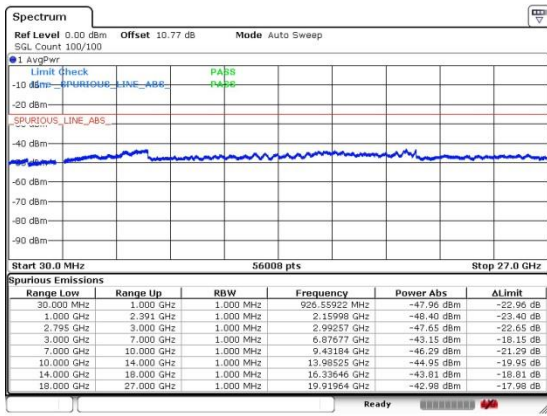
Lowest Channel / 16QAM



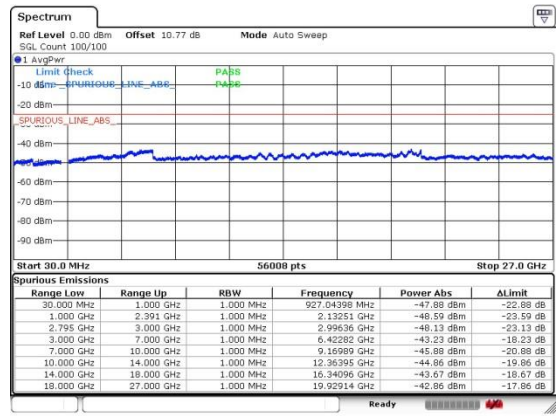
Lowest Channel / 64QAM



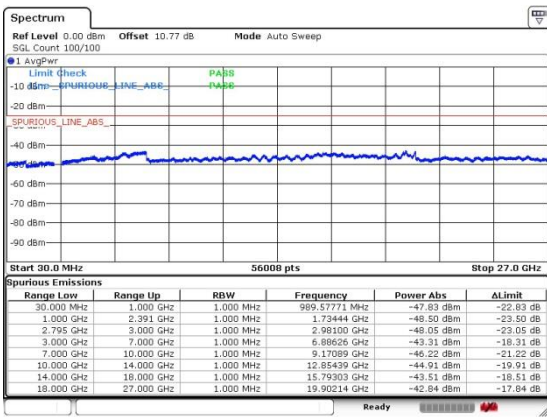
Middle Channel / 16QAM



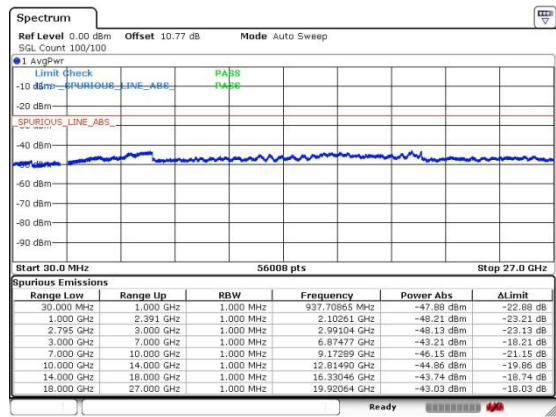
Middle Channel / 64QAM



Highest Channel / 16QAM



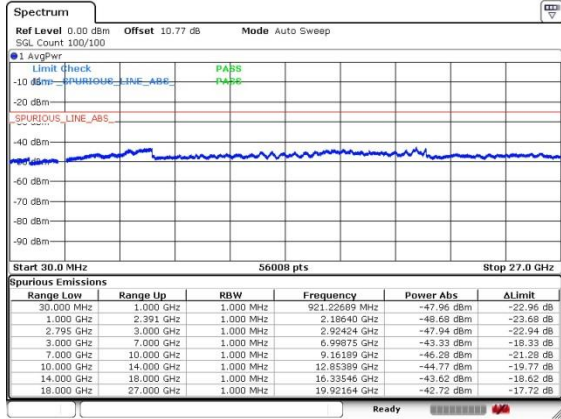
Highest Channel / 64QAM



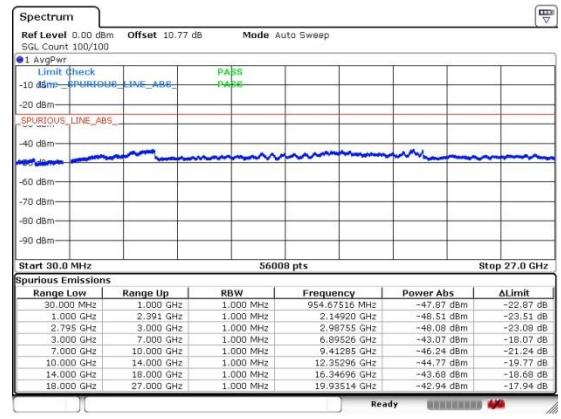


EN-DC_25A_n41A / LTE 10MHz + NR 60MHz

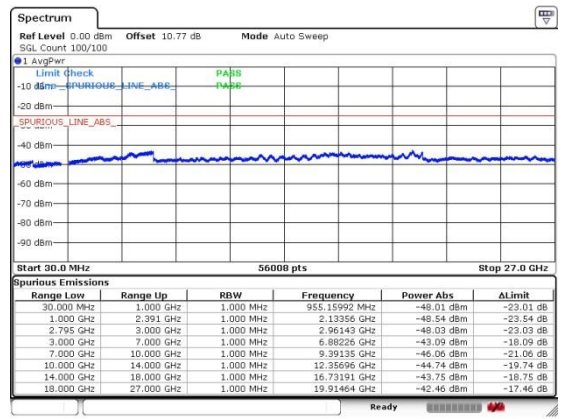
Lowest Channel / 256QAM



Middle Channel / 256QAM



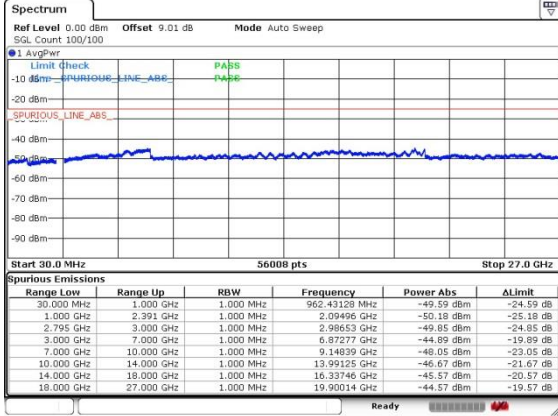
Highest Channel / 256QAM



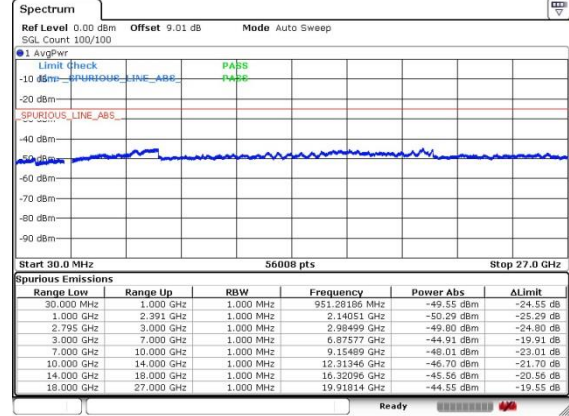


EN-DC_25A_n41A / LTE 10MHz + NR 80MHz

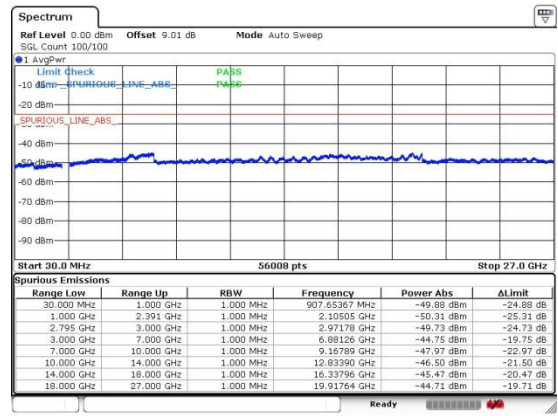
Lowest Channel / BPSK



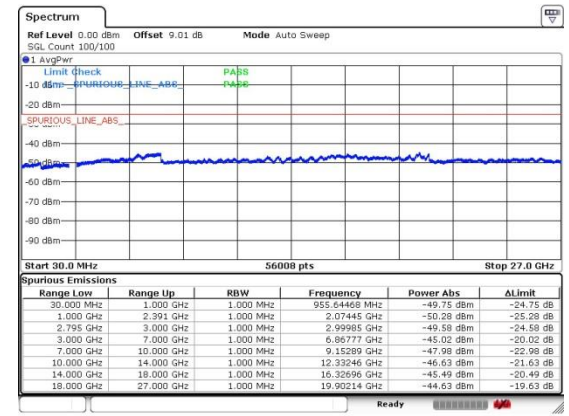
Lowest Channel / QPSK



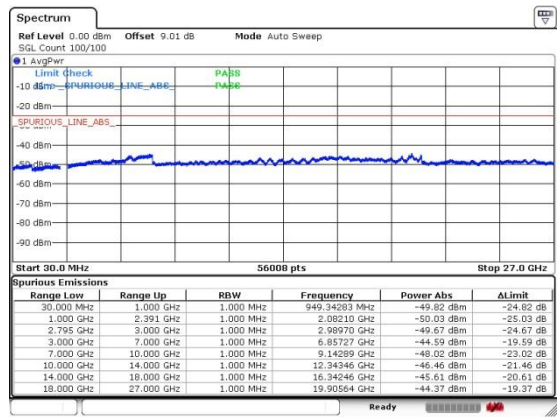
Middle Channel / BPSK



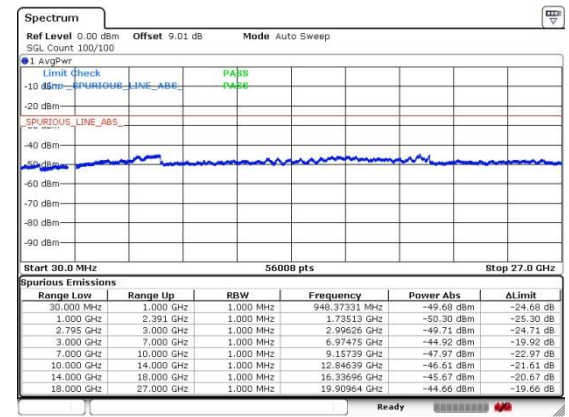
Middle Channel / QPSK



Highest Channel / BPSK



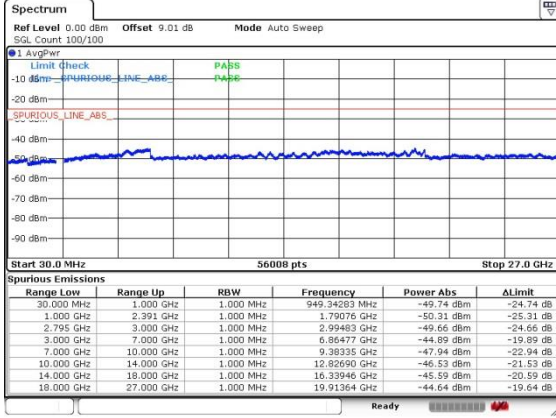
Highest Channel / QPSK



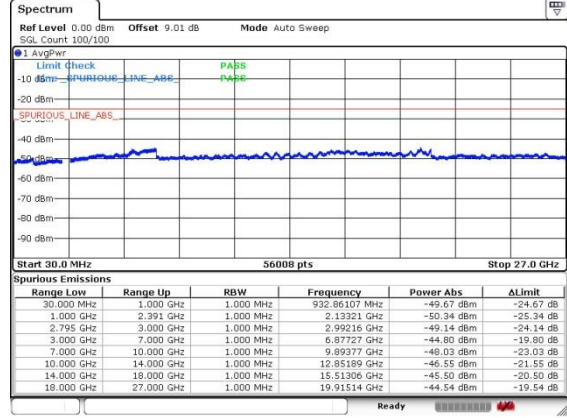


EN-DC_25A_n41A / LTE 10MHz + NR 80MHz

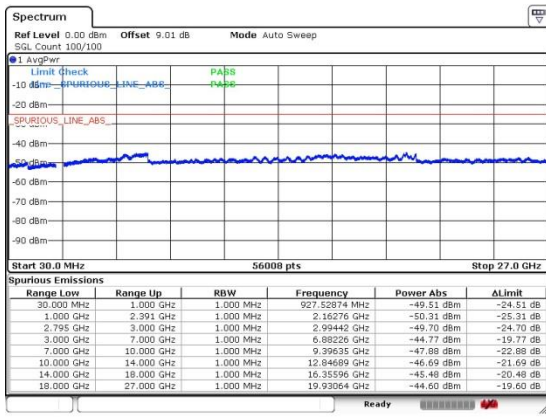
Lowest Channel / 16QAM



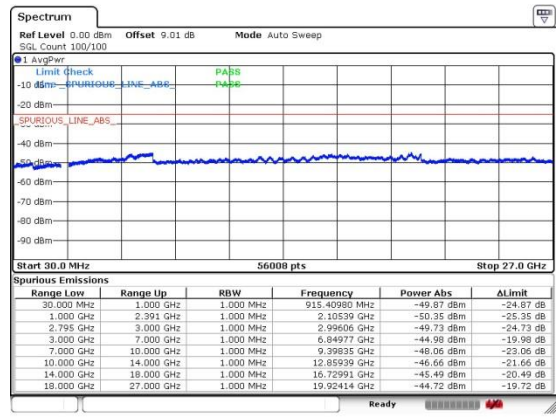
Lowest Channel / 64QAM



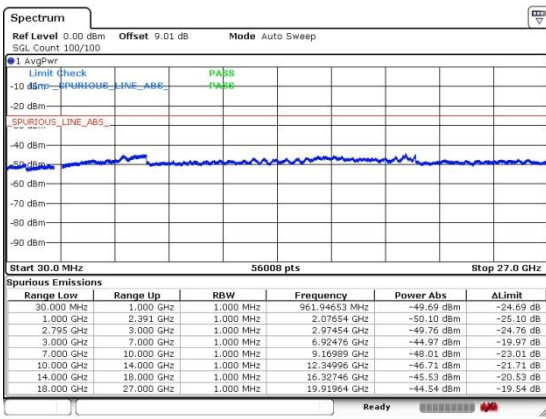
Middle Channel / 16QAM



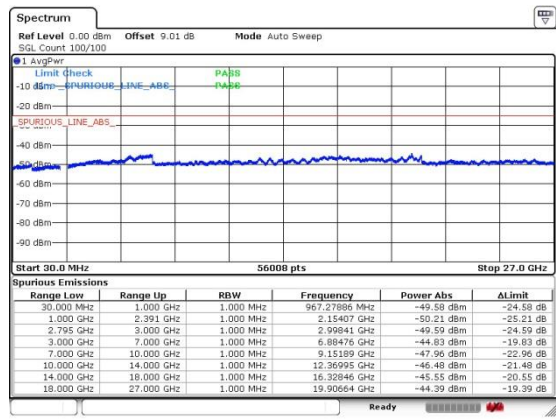
Middle Channel / 64QAM



Highest Channel / 16QAM



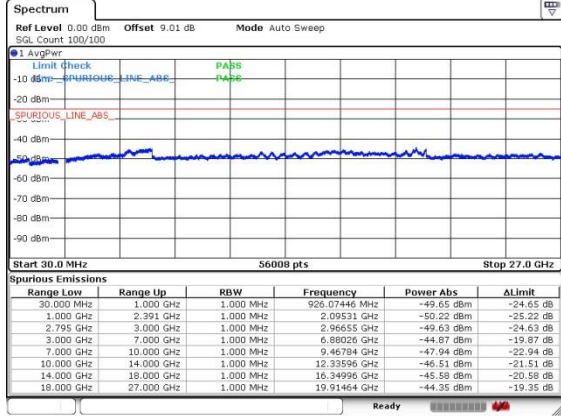
Highest Channel / 64QAM



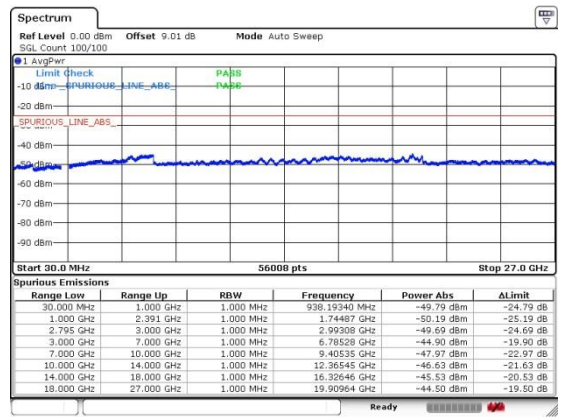
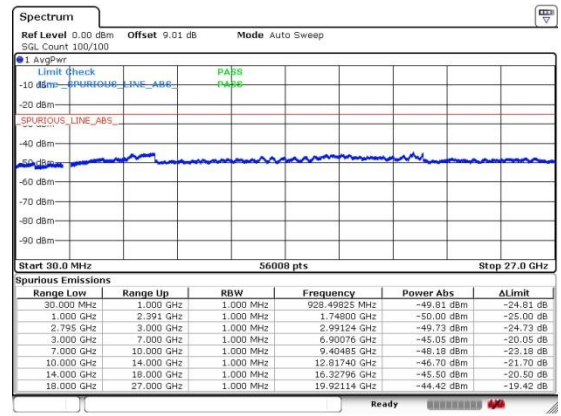


EN-DC_25A_n41A / LTE 10MHz + NR 80MHz

Lowest Channel / 256QAM



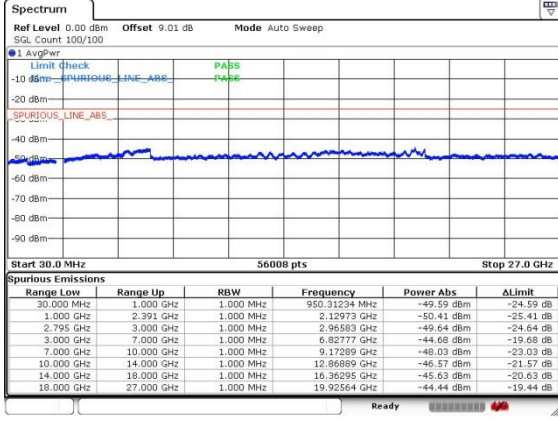
Middle Channel / 256QAM



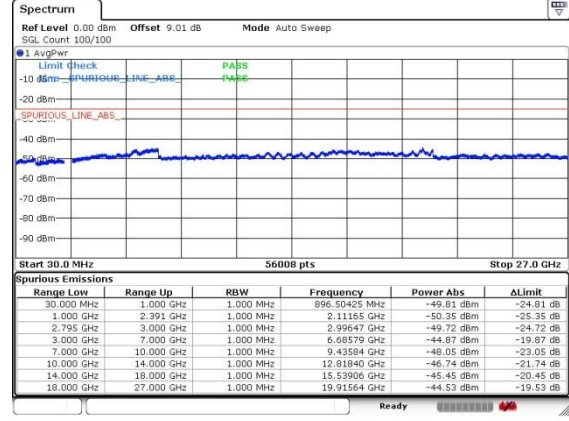


EN-DC_25A_n41A / LTE 10MHz + NR 90MHz

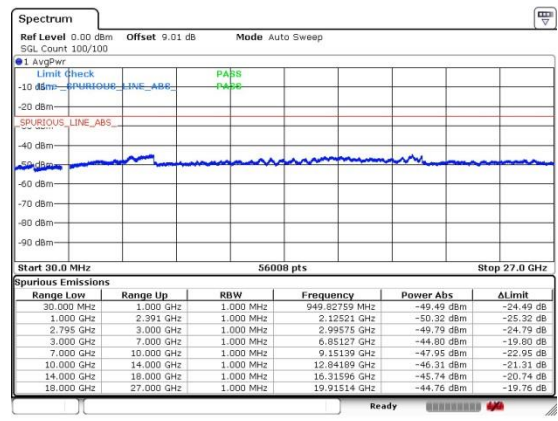
Lowest Channel / BPSK



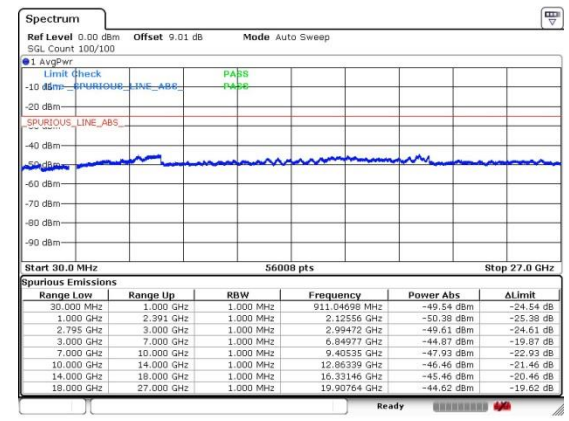
Lowest Channel / QPSK



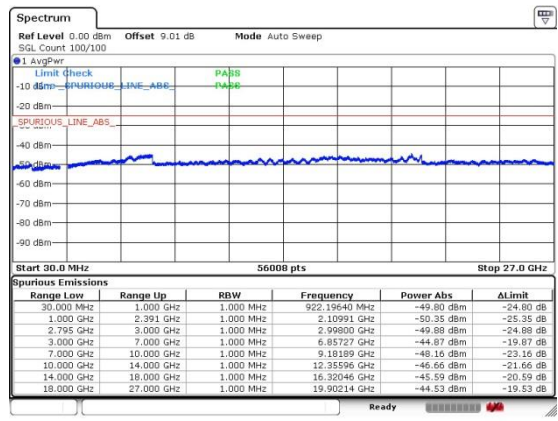
Middle Channel / BPSK



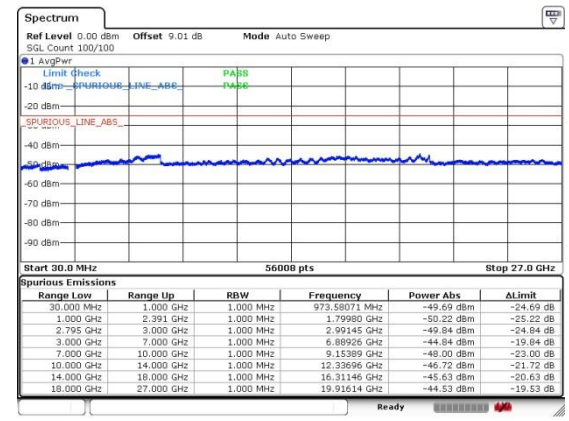
Middle Channel / QPSK



Highest Channel / BPSK



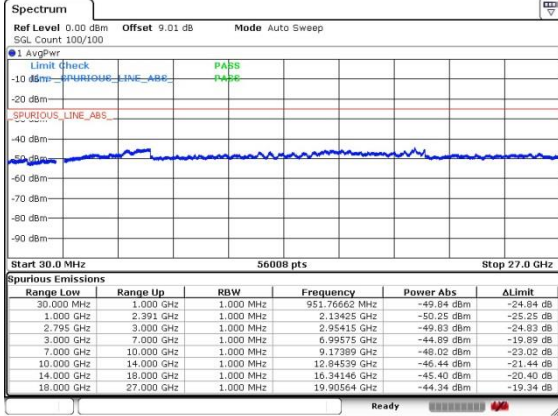
Highest Channel / QPSK



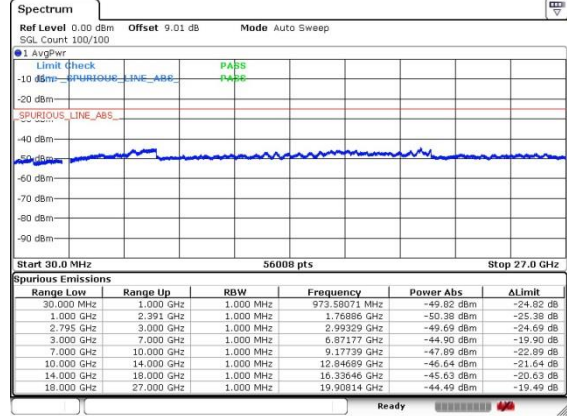


EN-DC_25A_n41A / LTE 10MHz + NR 90MHz

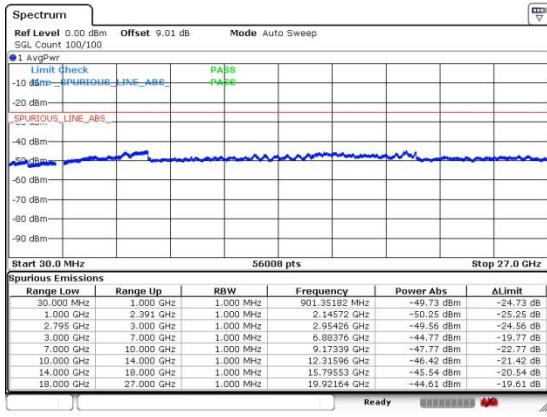
Lowest Channel / 16QAM



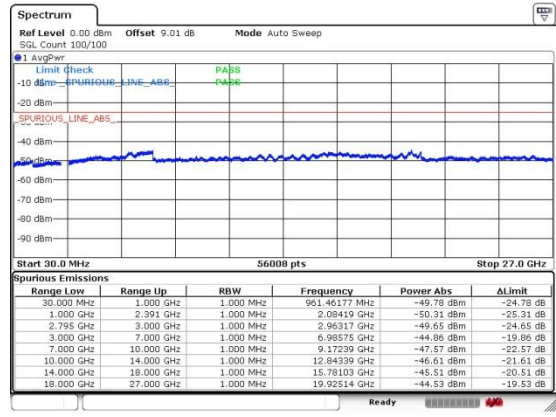
Lowest Channel / 64QAM



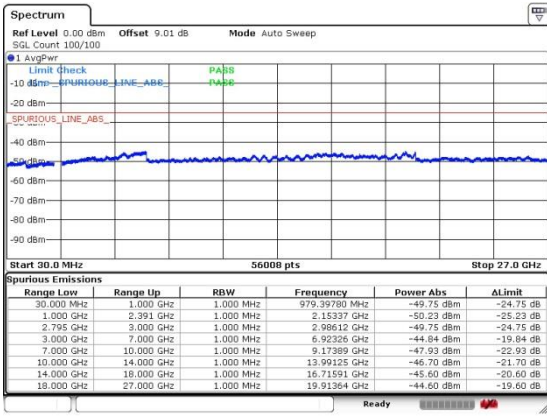
Middle Channel / 16QAM



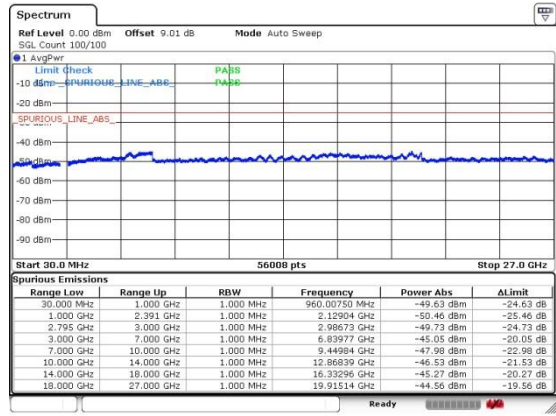
Middle Channel / 64QAM



Highest Channel / 16QAM



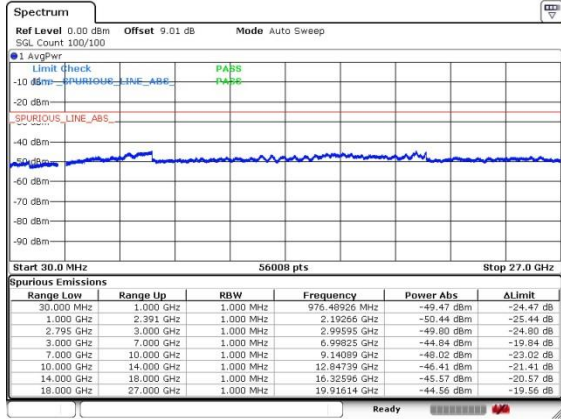
Highest Channel / 64QAM



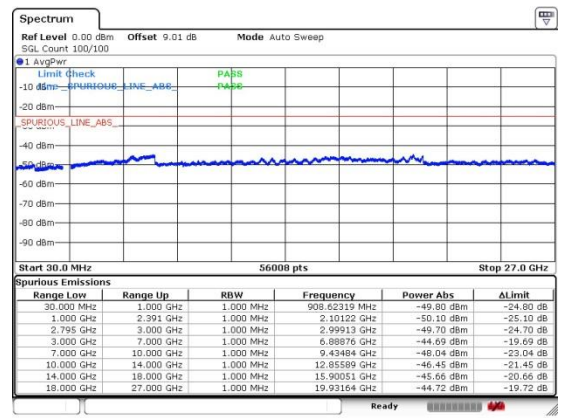


EN-DC_25A_n41A / LTE 10MHz + NR 90MHz

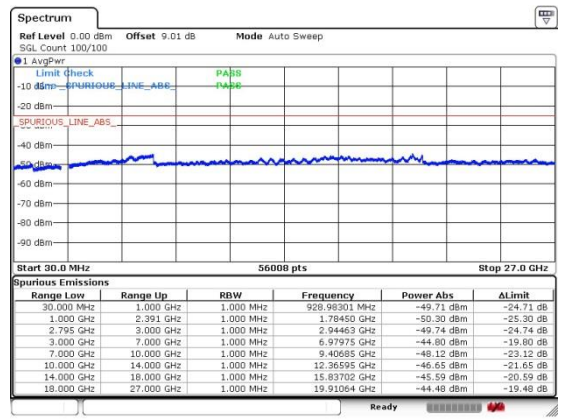
Lowest Channel / 256QAM



Middle Channel / 256QAM



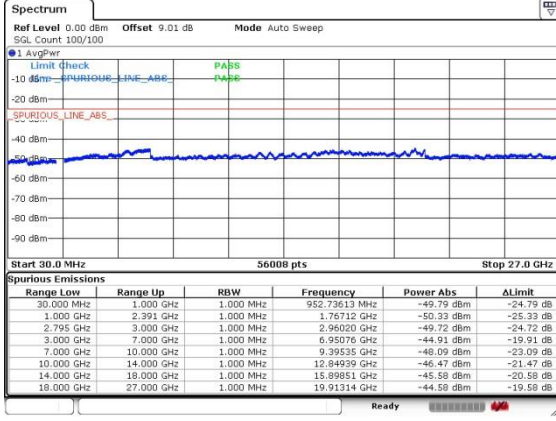
Highest Channel / 256QAM



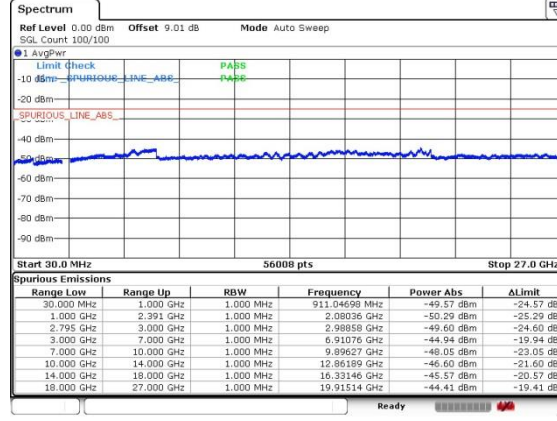


EN-DC_25A_n41A / LTE 10MHz + NR 100MHz

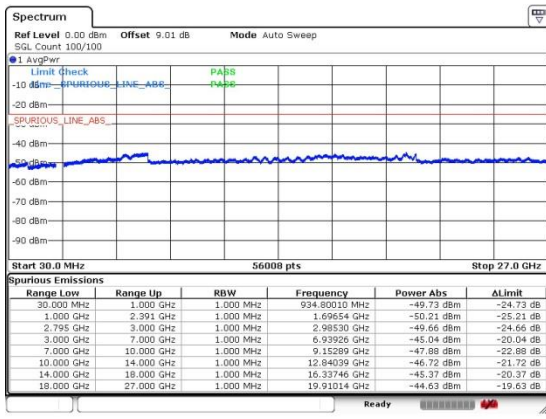
Lowest Channel / BPSK



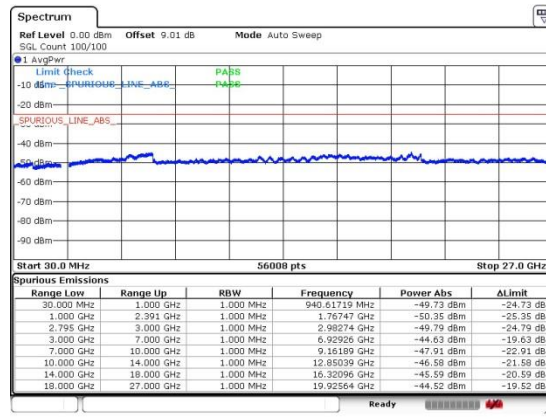
Lowest Channel / QPSK



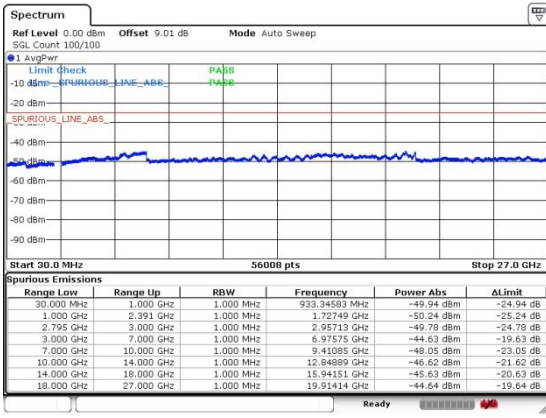
Middle Channel / BPSK



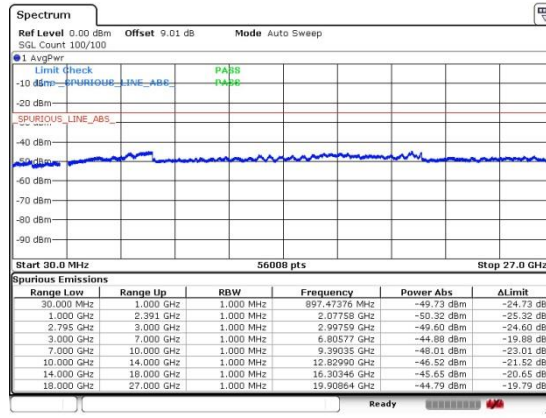
Middle Channel / QPSK



Highest Channel / BPSK



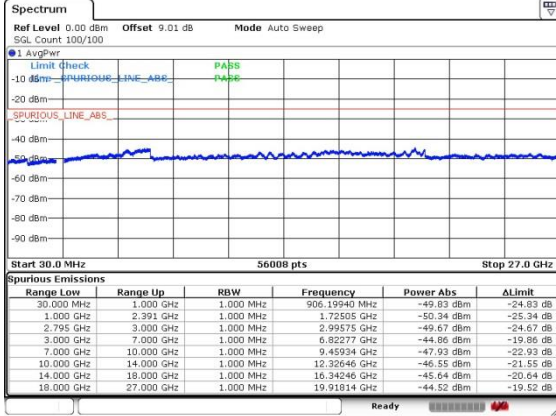
Highest Channel / QPSK



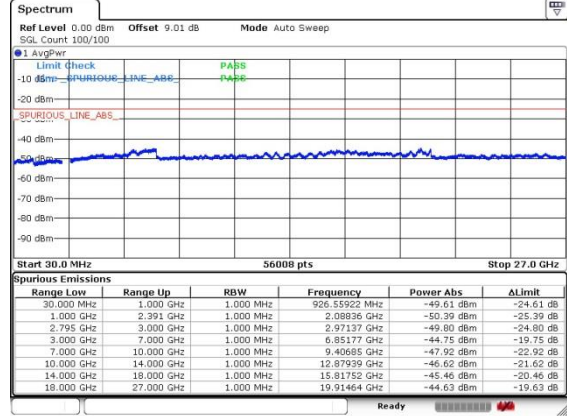


EN-DC_25A_n41A / LTE 10MHz + NR 100MHz

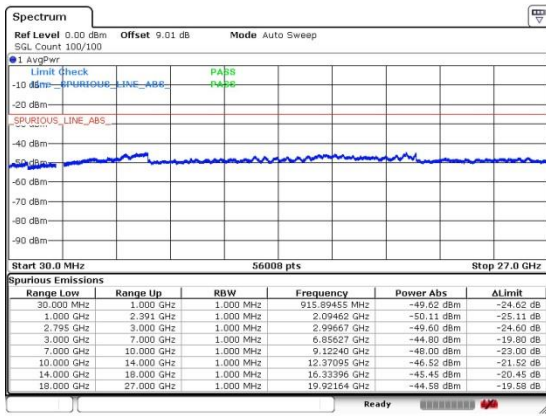
Lowest Channel / 16QAM



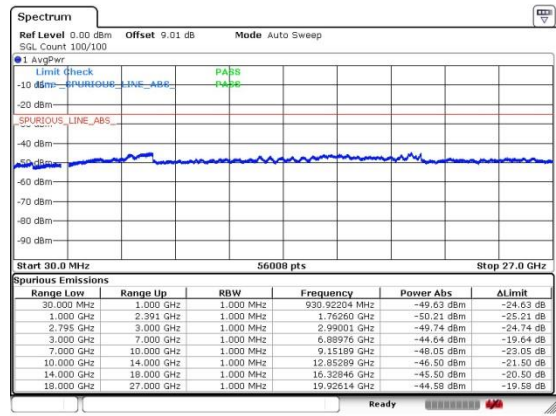
Lowest Channel / 64QAM



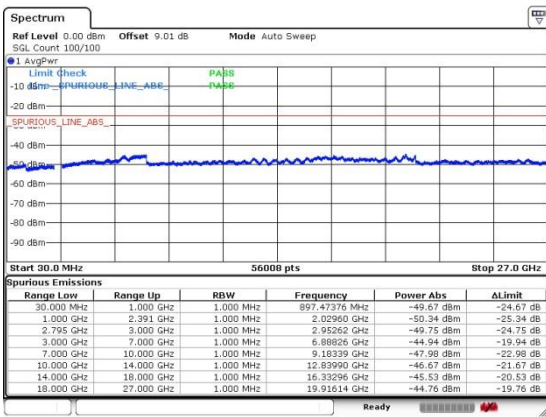
Middle Channel / 16QAM



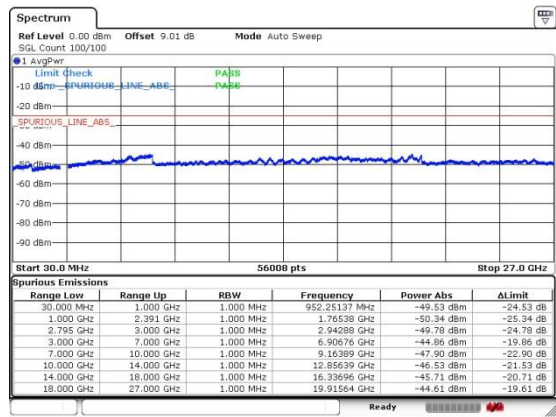
Middle Channel / 64QAM



Highest Channel / 16QAM



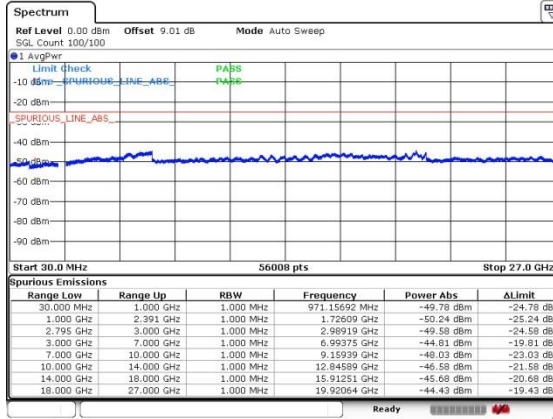
Highest Channel / 64QAM



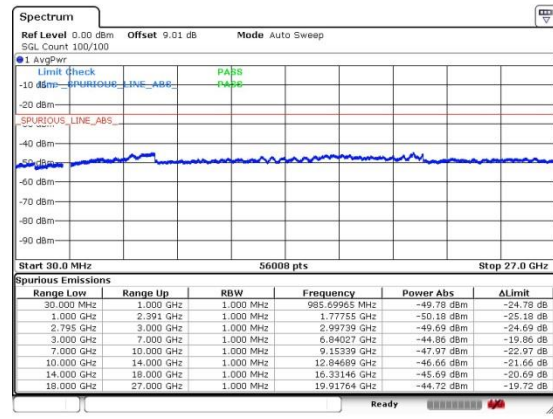


EN-DC_25A_n41A / LTE 10MHz + NR 100MHz

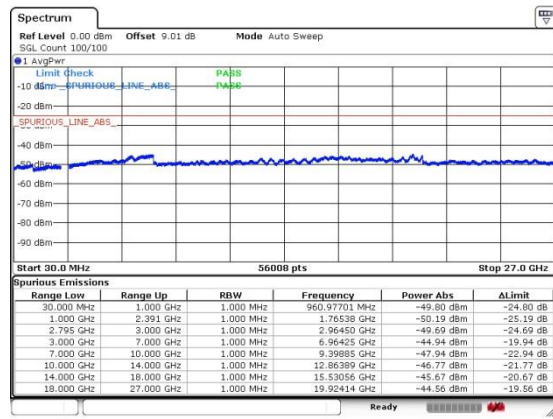
Lowest Channel / 256QAM



Middle Channel / 256QAM



Highest Channel / 256QAM





Frequency Stability

Test Conditions		EN-DC_25A_n41A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	LTE 10MHz + NR 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0013	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



5G NR n66

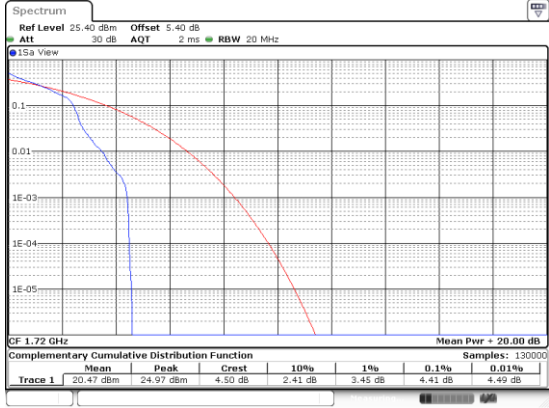
Peak-to-Average Ratio

Mode	N66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.16	5.36	7.28	6.29	PASS
Middle CH	5.33	5.51	6.84	6.26	
Highest CH	5.25	5.48	7.01	6.26	
Mode	N66 / 20MHz				
Mod.	64QAM		256QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.81	6.67	6.78	6.67	PASS
Middle CH	6.14	5.45	7.71	6.67	
Highest CH	6.12	6.52	6.43	6.70	
Mode	N66 / 20MHz				
Mod.	BPSK				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	4.41	7.36			PASS
Middle CH	7.42	6.52			
Highest CH	4.52	4.32			

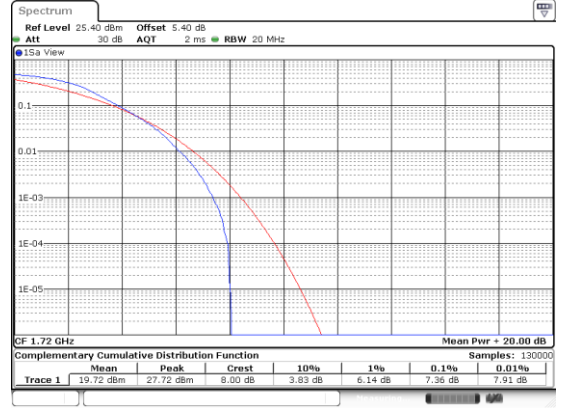


EN-DC_5A_n66A / LTE 10MHz + NR 20MHz / BPSK

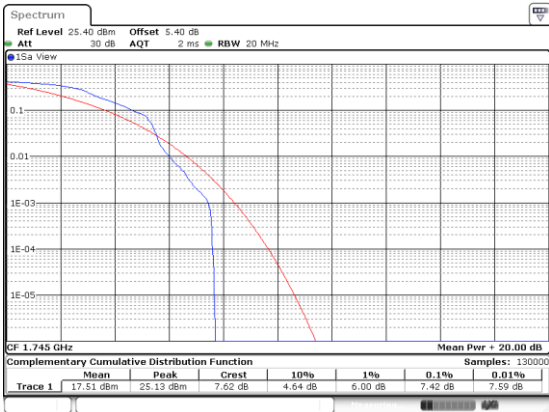
Lowest Channel / 1RB0



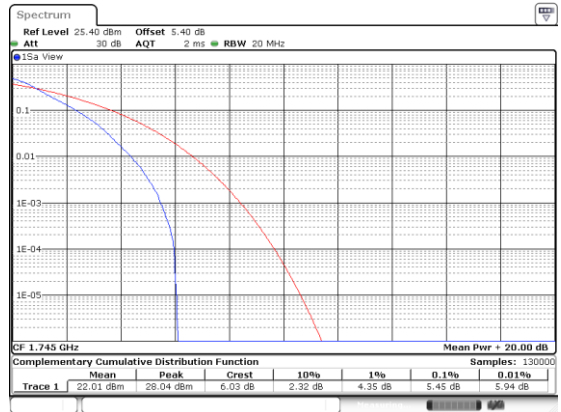
Lowest Channel / 100RB0



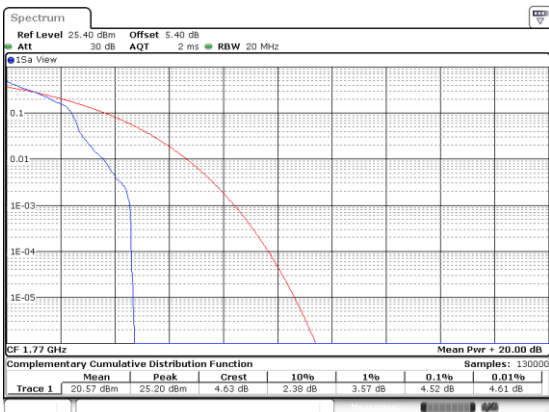
Middle Channel / 1RB0



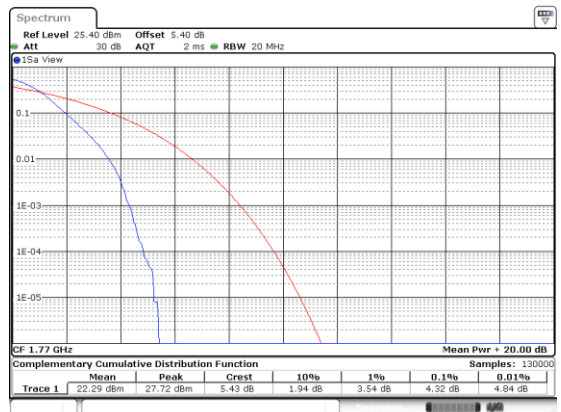
Middle Channel / 100RB0



Highest Channel / 1RB0



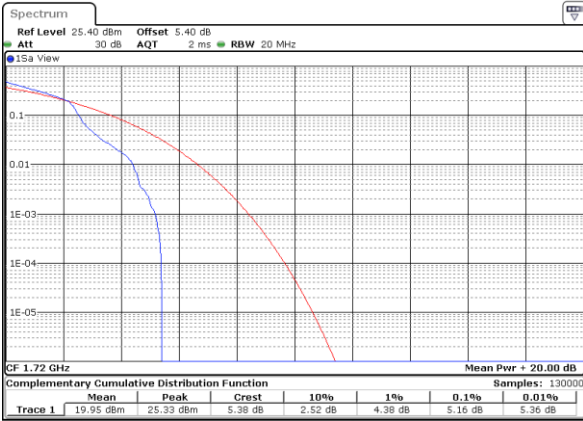
Highest Channel / 100RB0





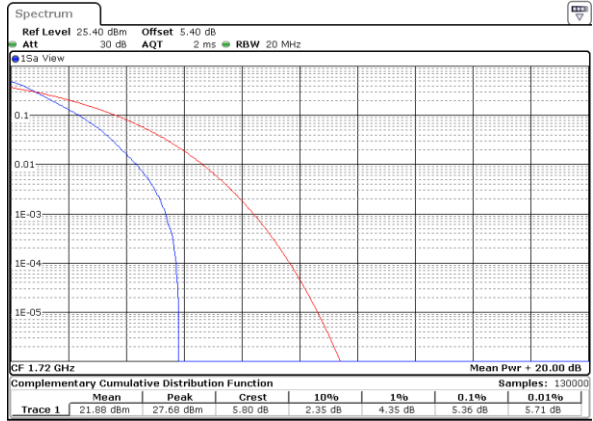
EN-DC_5A_n66A / LTE 10MHz + NR 20MHz / QPSK

Lowest Channel / 1RB0



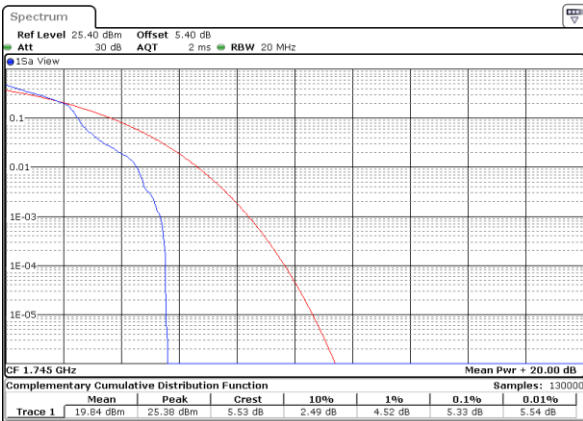
Date: 24 MAY 2020 18:17:08

Lowest Channel / 100RB0



Date: 24 MAY 2020 18:18:42

Middle Channel / 1RB0



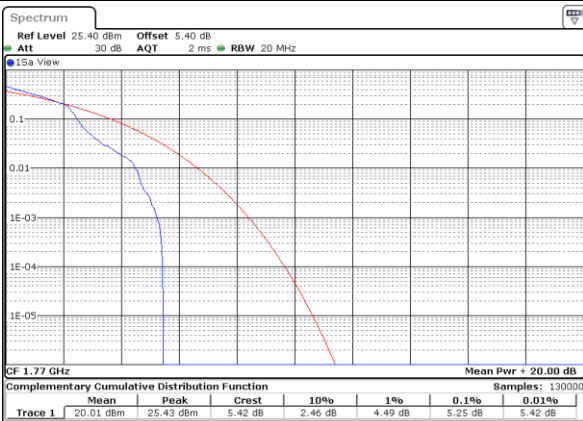
Date: 24 MAY 2020 18:14:14

Middle Channel / 100RB0



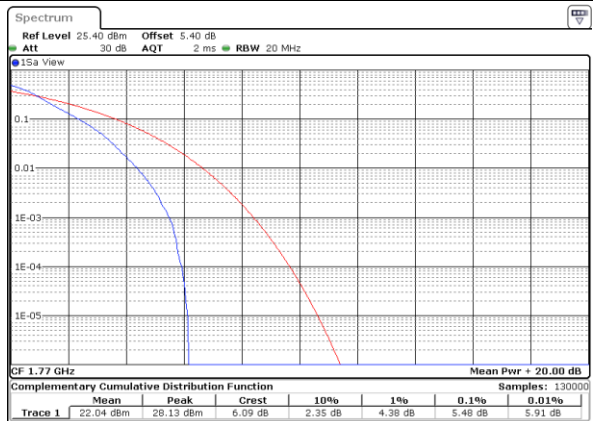
Date: 24 MAY 2020 18:12:26

Highest Channel / 1RB0



Date: 24 MAY 2020 18:23:04

Highest Channel / 100RB0

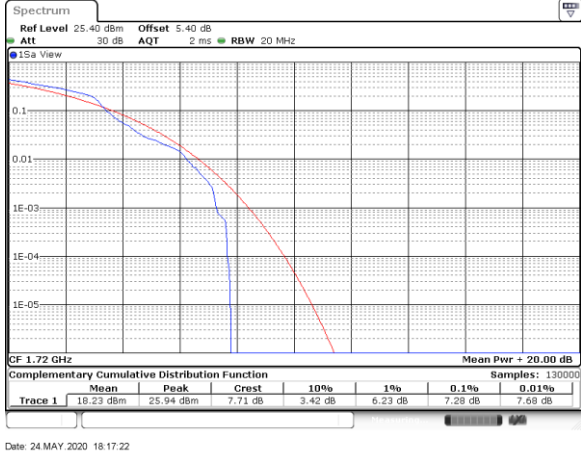


Date: 24 MAY 2020 18:21:31



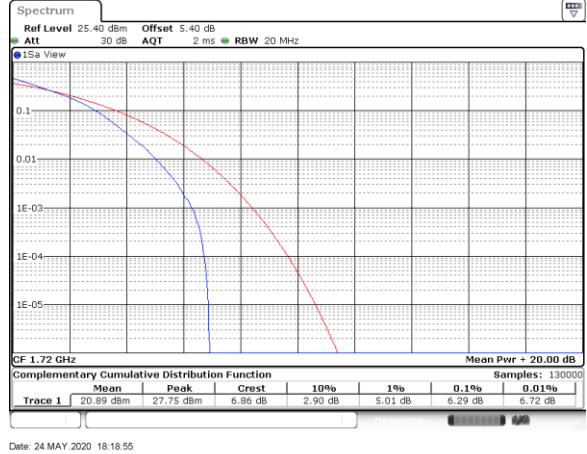
EN-DC_12A_n66A / LTE 10MHz + NR 20MHz / 16QAM

Lowest Channel / 1RB0



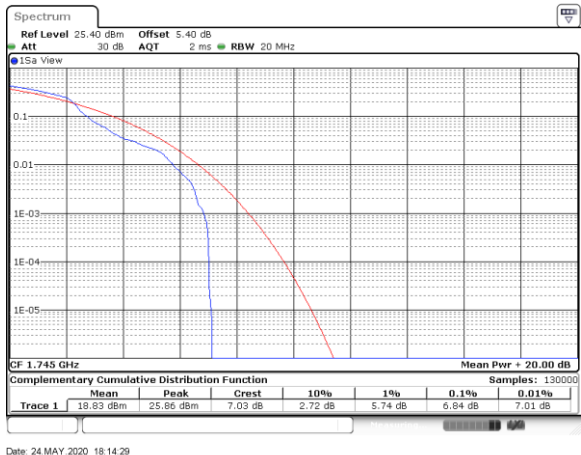
Date: 24 MAY 2020 18:17:22

Lowest Channel / 100RB0



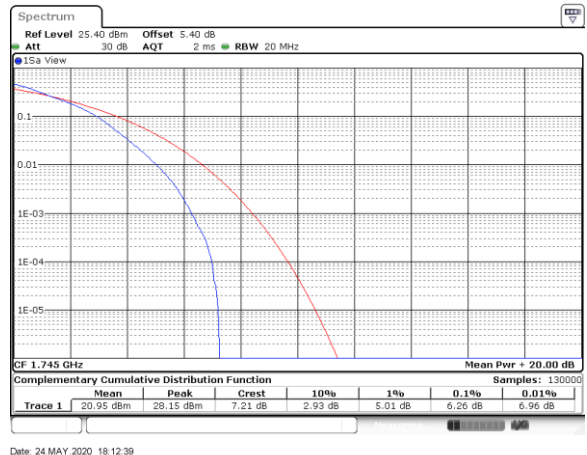
Date: 24 MAY 2020 18:18:55

Middle Channel / 1RB0



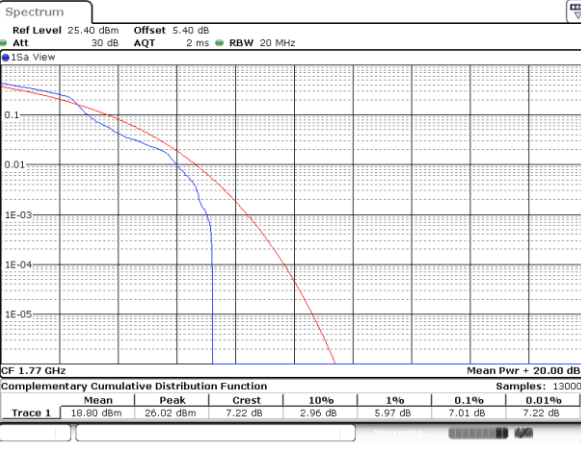
Date: 24 MAY 2020 18:14:29

Middle Channel / 100RB0



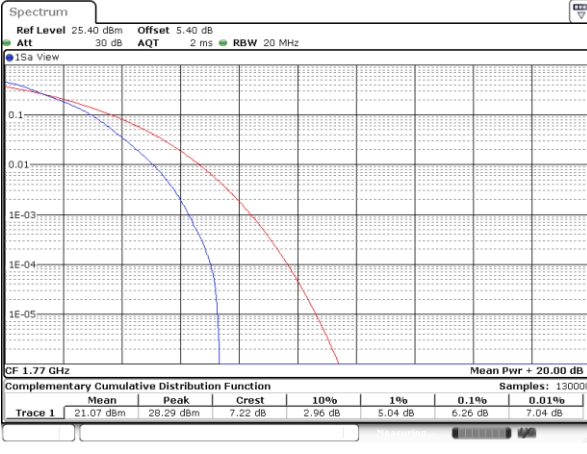
Date: 24 MAY 2020 18:12:39

Highest Channel / 1RB0



Date: 24 MAY 2020 18:23:17

Highest Channel / 100RB0



Date: 24 MAY 2020 18:21:43