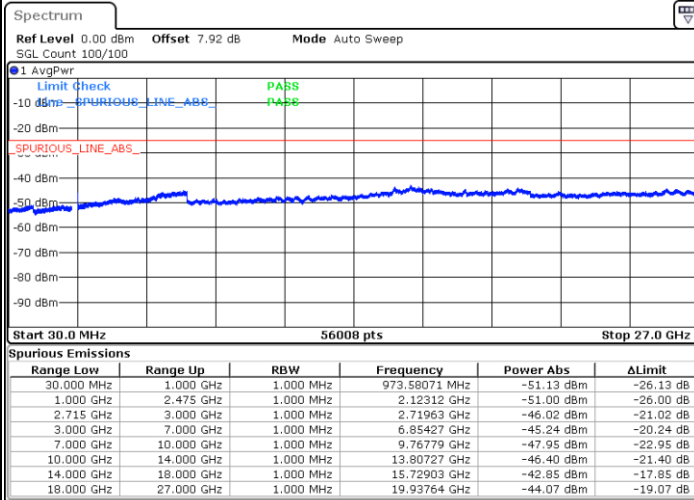




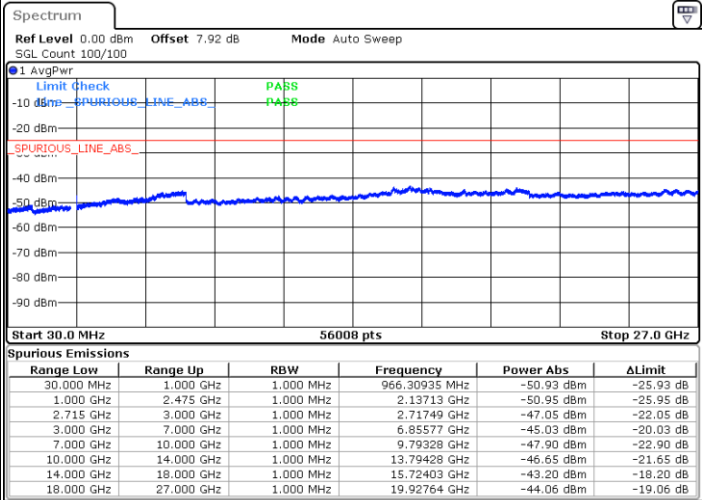
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 11.JAN.2018 16:28:51

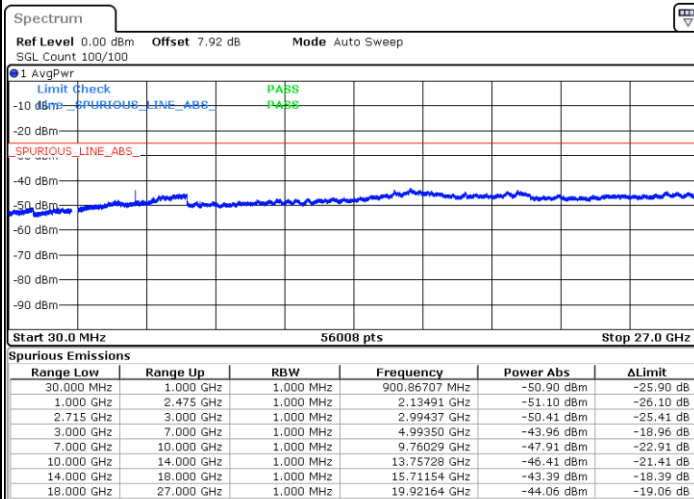
Highest Channel / 16QAM



Date: 11.JAN.2018 16:29:41

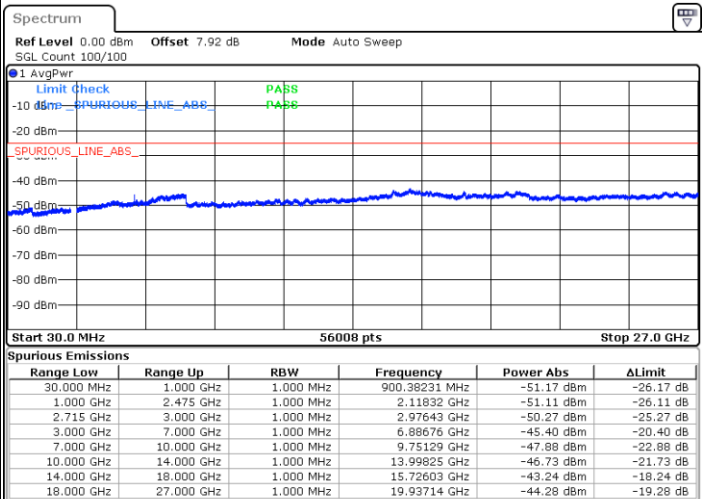
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 11.JAN.2018 16:31:21

Lowest Channel / 16QAM

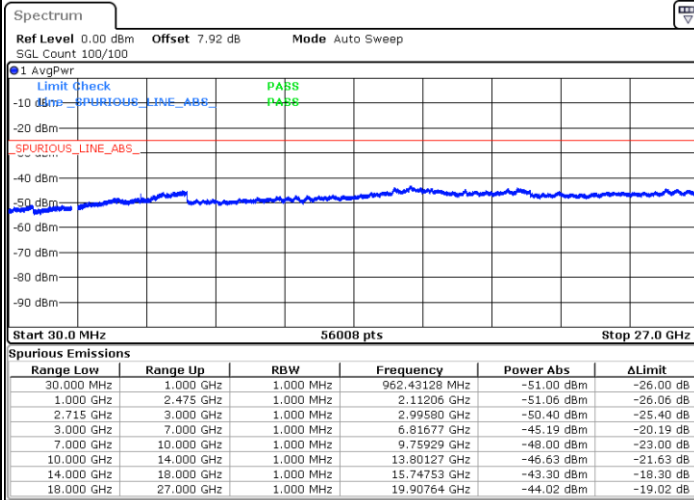


Date: 11.JAN.2018 16:32:10



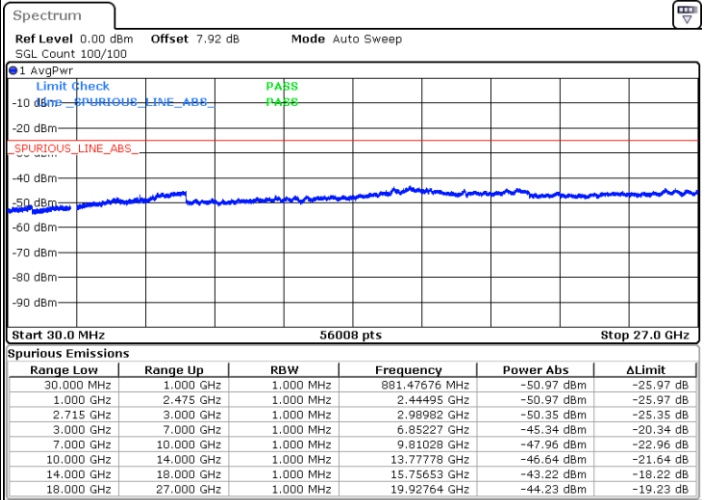
LTE Band 41 / 10MHz

Middle Channel / QPSK



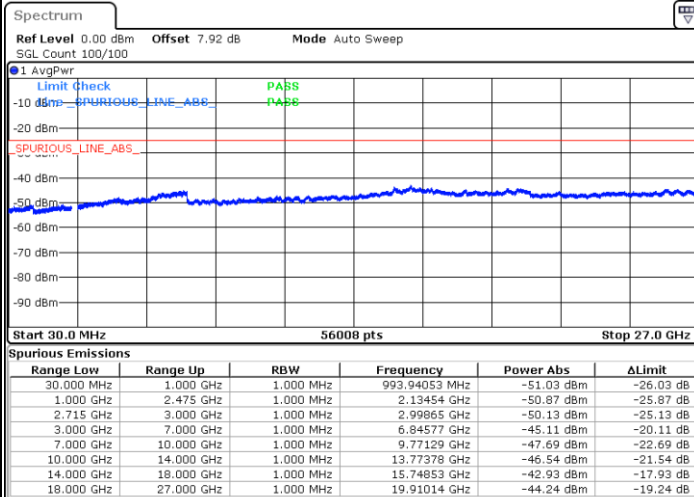
Date: 11.JAN.2018 16:46:19

Middle Channel / 16QAM



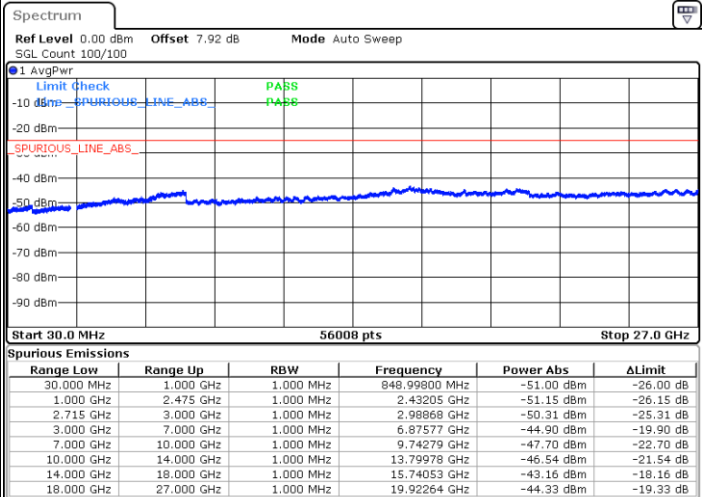
Date: 11.JAN.2018 16:34:44

Highest Channel / QPSK



Date: 11.JAN.2018 16:47:10

Highest Channel / 16QAM

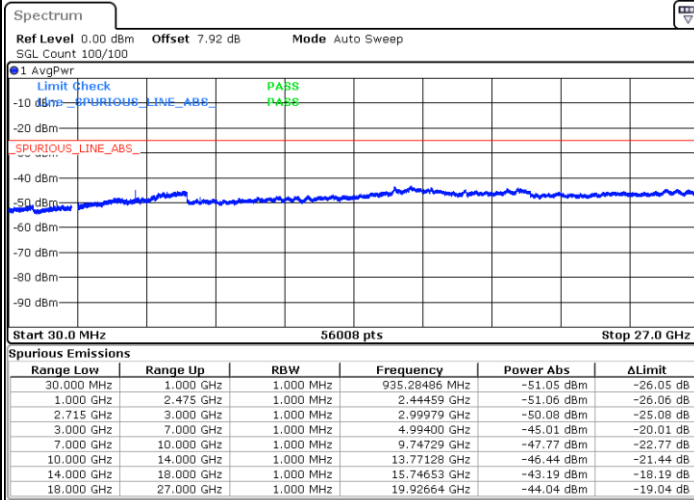


Date: 11.JAN.2018 16:47:57



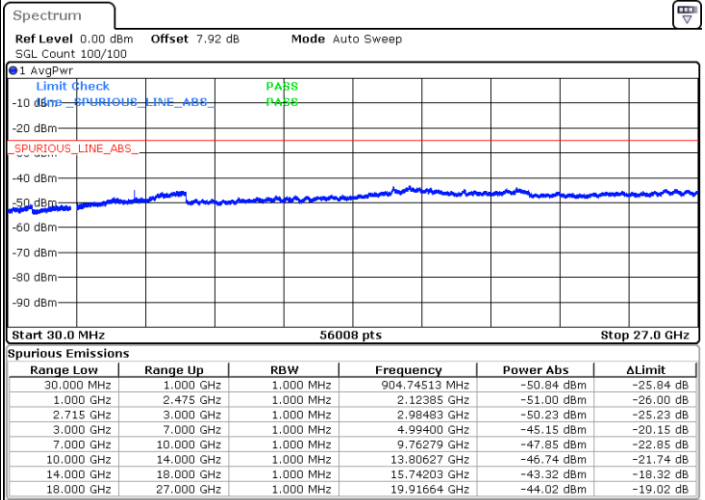
LTE Band 41 / 15MHz

Lowest Channel / QPSK



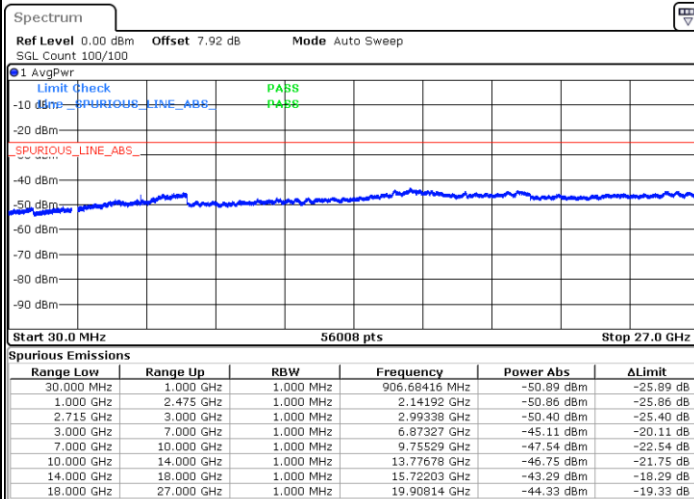
Date: 11.JAN.2018 16:50:38

Lowest Channel / 16QAM



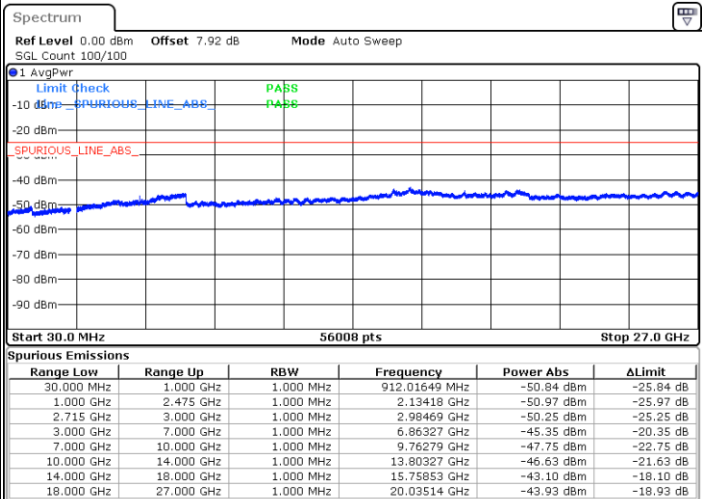
Date: 11.JAN.2018 16:51:32

Middle Channel / QPSK



Date: 11.JAN.2018 16:55:51

Middle Channel / 16QAM

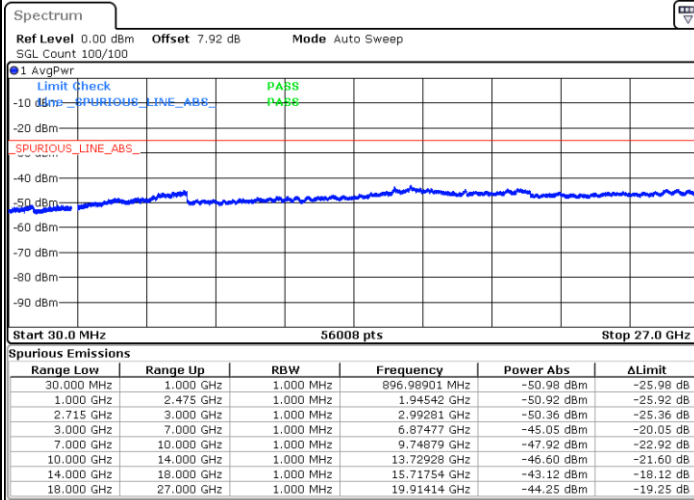


Date: 11.JAN.2018 16:55:03



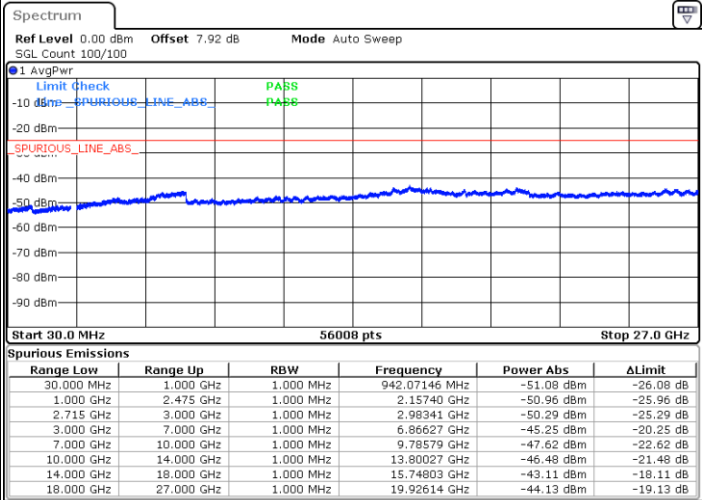
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 11.JAN.2018 16:56:41

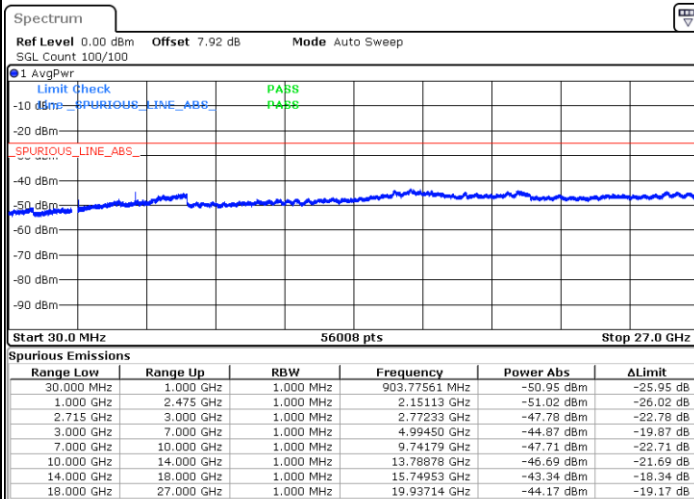
Highest Channel / 16QAM



Date: 11.JAN.2018 16:57:31

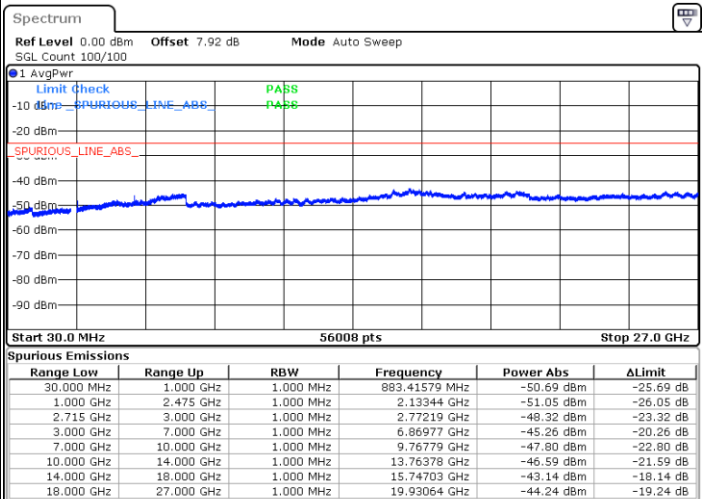
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 11.JAN.2018 16:59:56

Lowest Channel / 16QAM

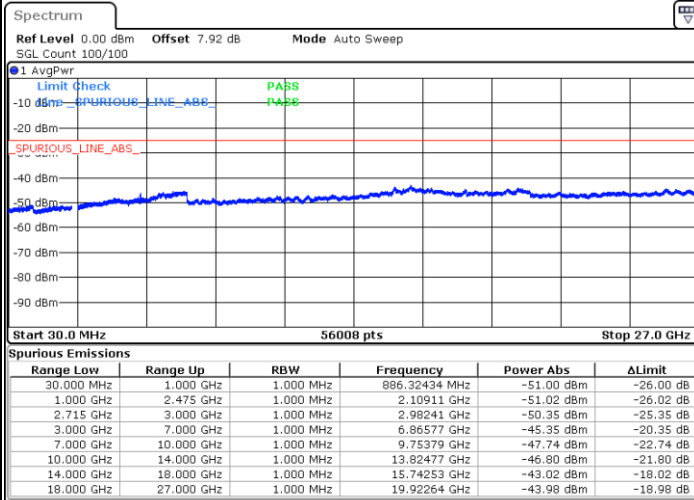


Date: 11.JAN.2018 17:00:44



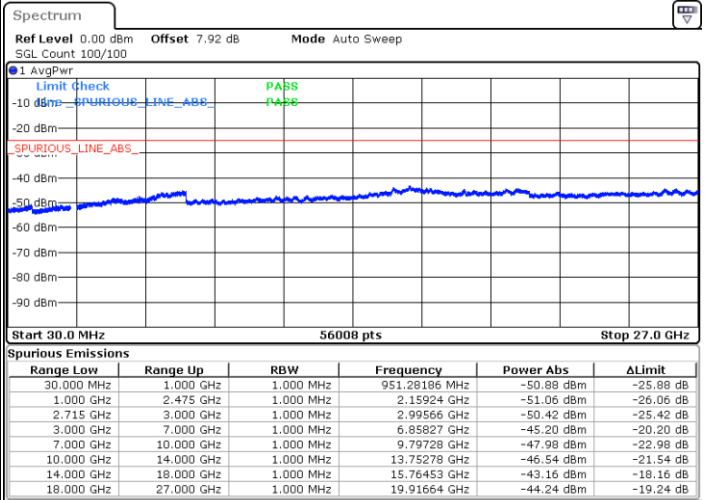
LTE Band 41 / 20MHz

Middle Channel / QPSK



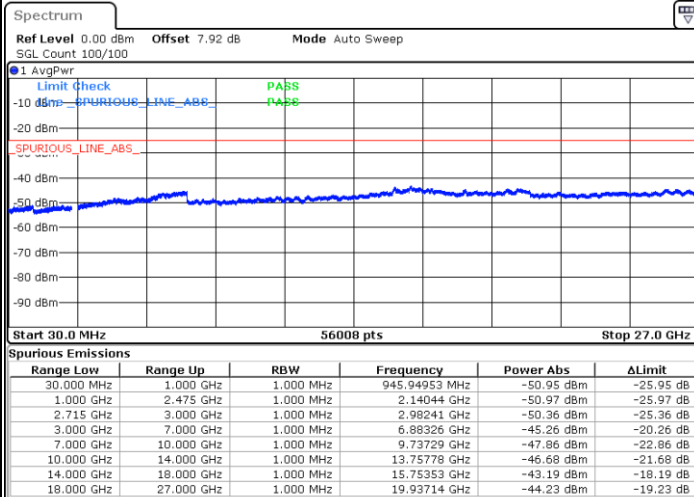
Date: 11.JAN.2018 17:04:36

Middle Channel / 16QAM



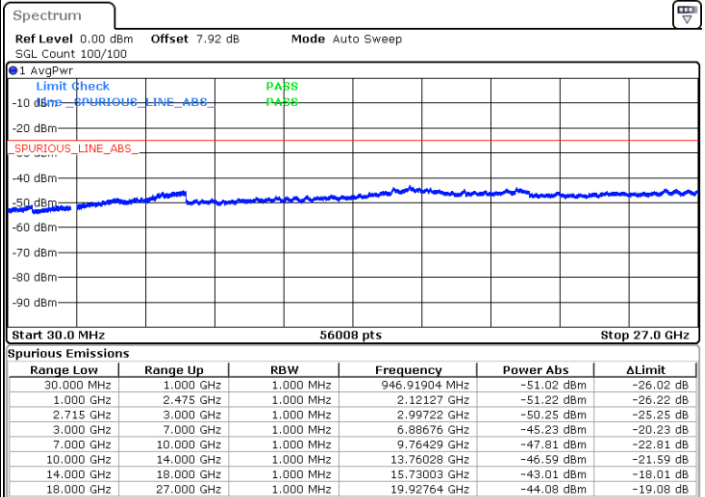
Date: 11.JAN.2018 17:03:46

Highest Channel / QPSK



Date: 11.JAN.2018 17:05:29

Highest Channel / 16QAM

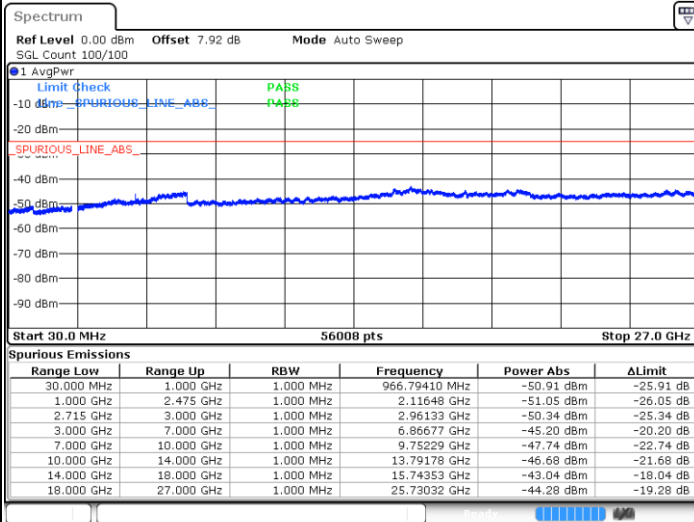


Date: 11.JAN.2018 17:06:20



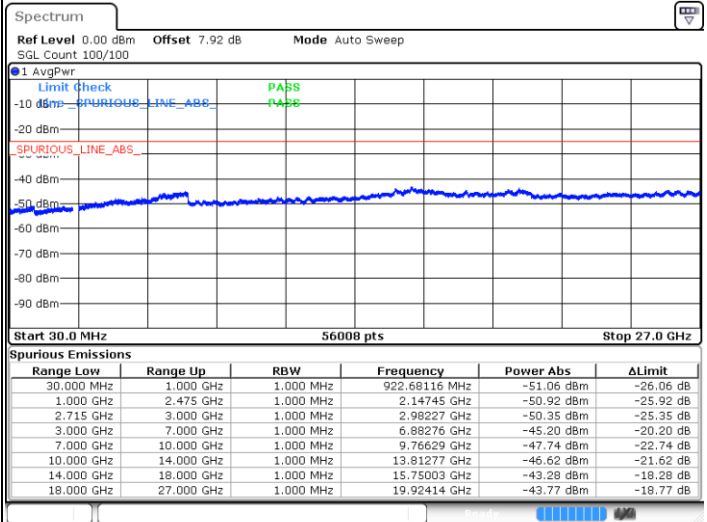
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



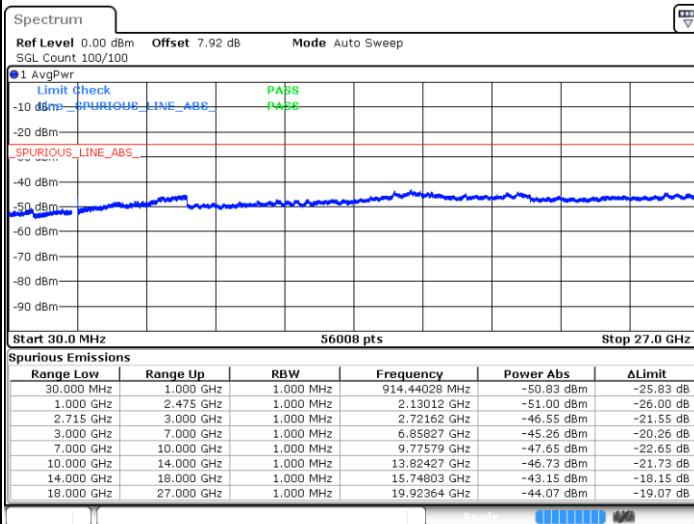
Date: 11.JAN.2018 16:26:16

Middle Channel / 64QAM



Date: 11.JAN.2018 16:25:17

Highest Channel / 64QAM

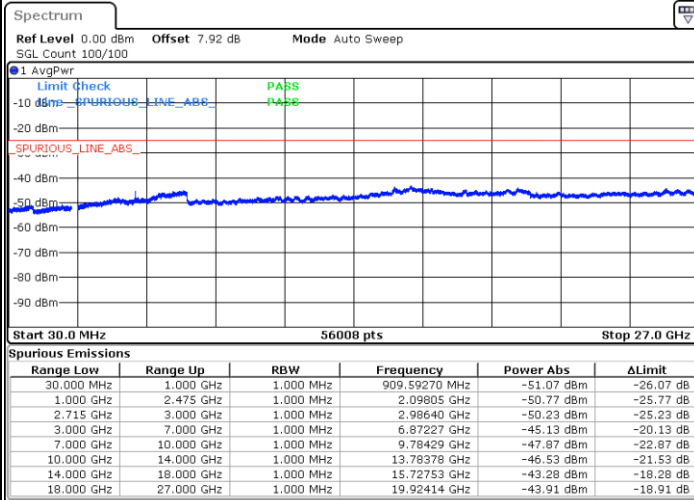


Date: 11.JAN.2018 16:30:30



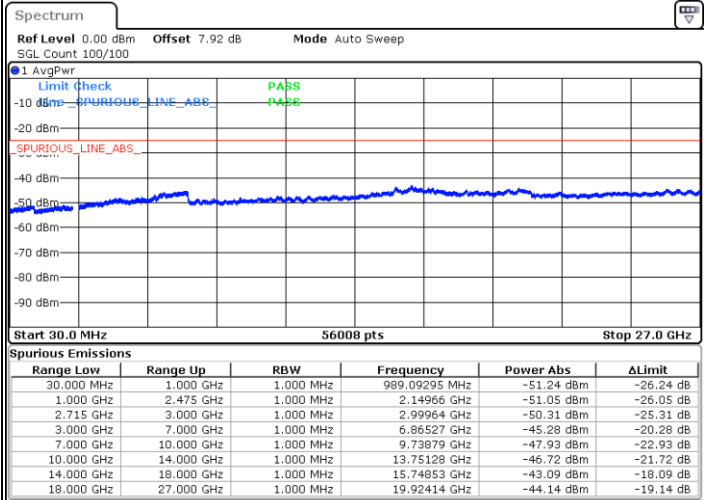
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



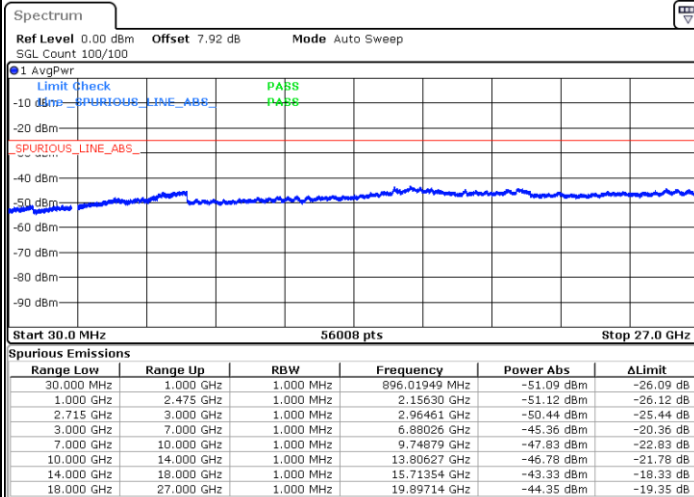
Date: 11.JAN.2018 16:33:00

Middle Channel / 64QAM



Date: 11.JAN.2018 16:33:56

Highest Channel / 64QAM

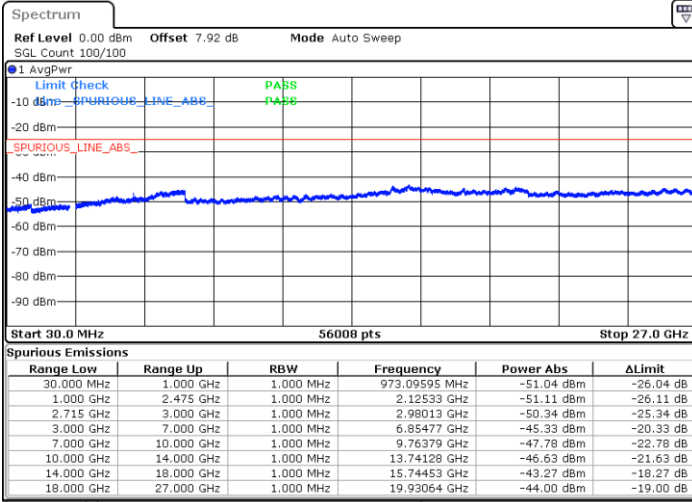


Date: 11.JAN.2018 16:48:50



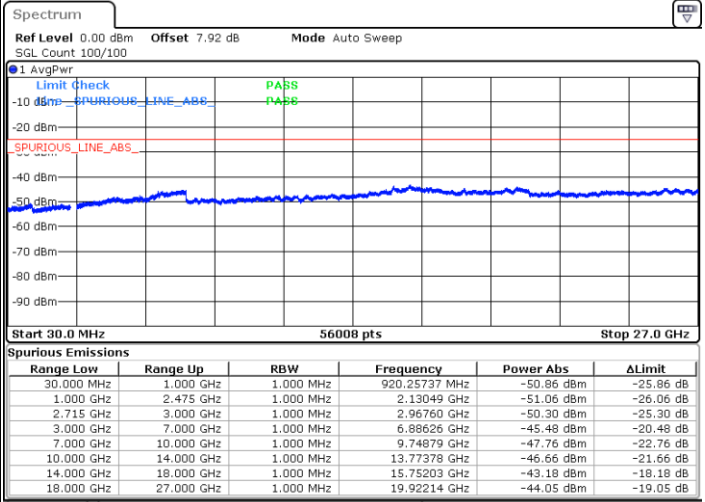
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



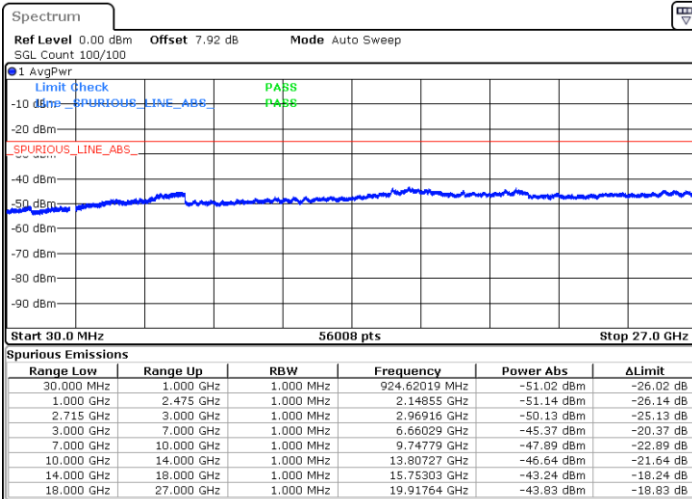
Date: 11.JAN.2018 16:52:22

Middle Channel / 64QAM



Date: 11.JAN.2018 16:53:12

Highest Channel / 64QAM

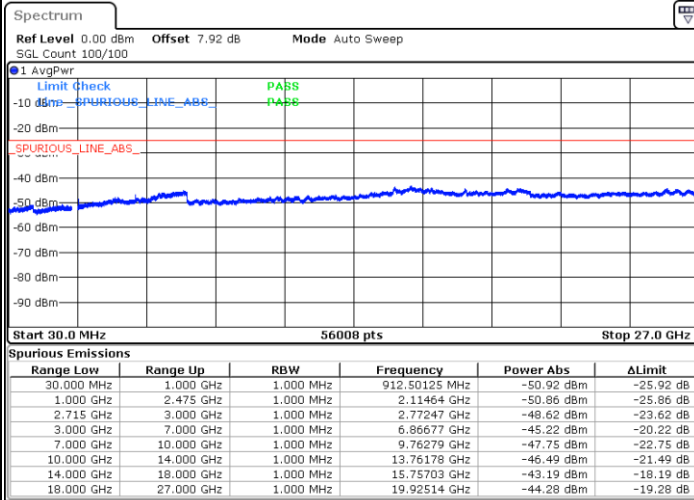


Date: 11.JAN.2018 16:58:25



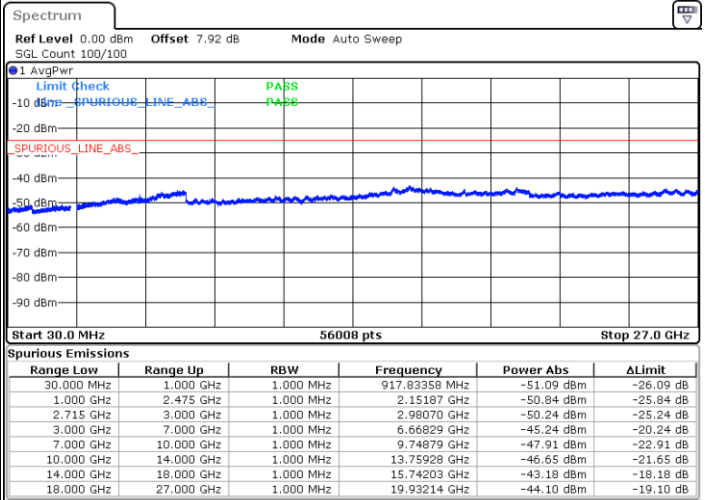
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



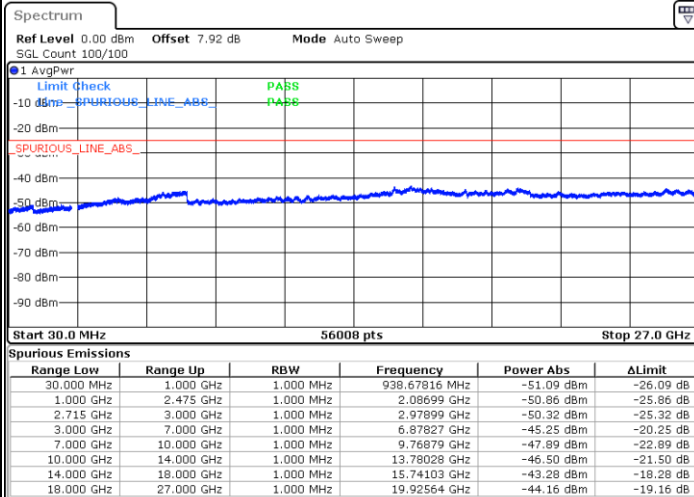
Date: 11.JAN.2018 17:02:01

Middle Channel / 64QAM



Date: 11.JAN.2018 17:02:54

Highest Channel / 64QAM



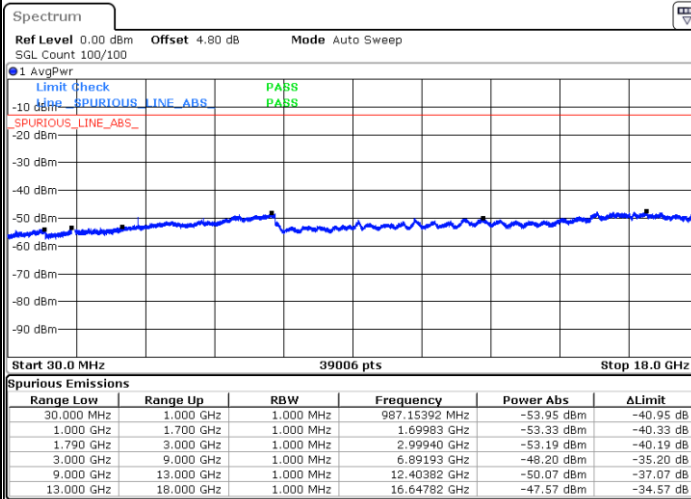
Date: 11.JAN.2018 17:07:11



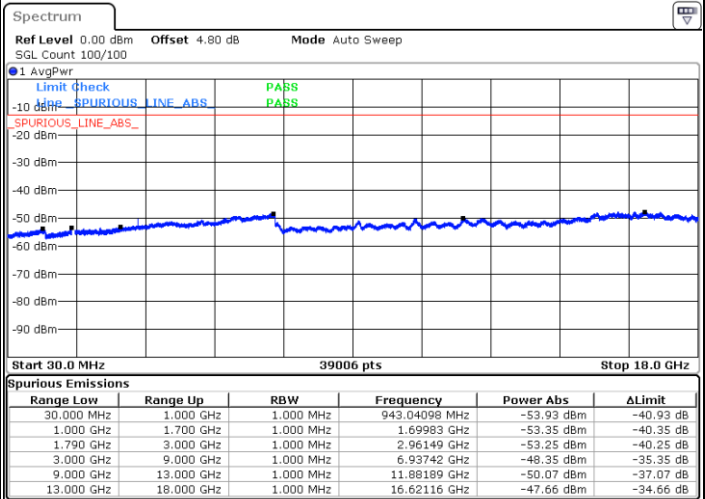
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



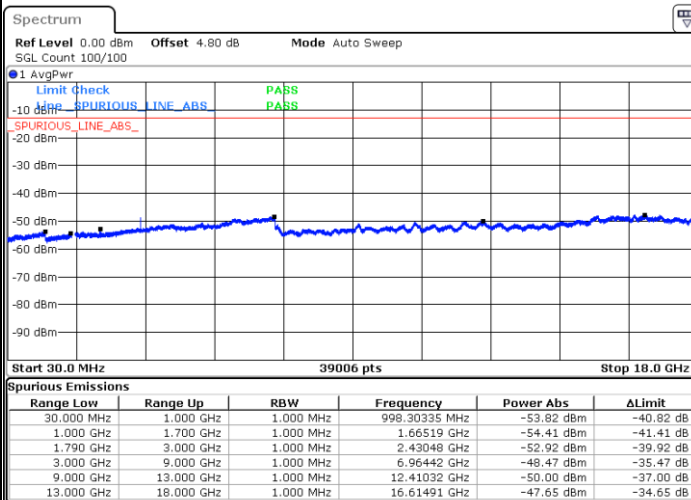
Date: 8 JAN 2018 08:38:03



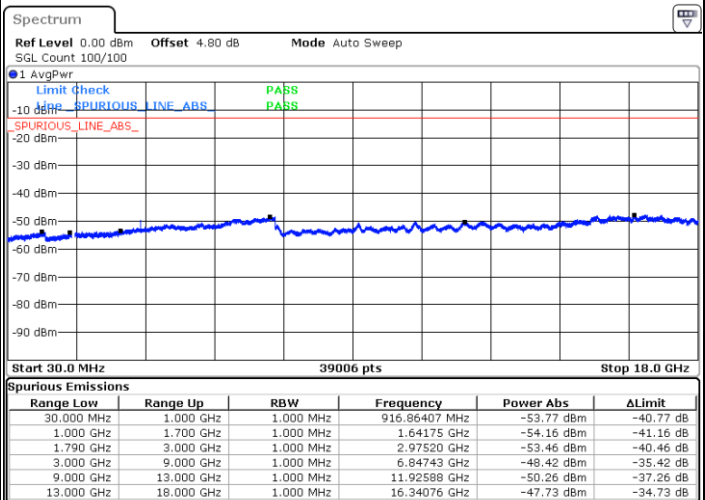
Date: 8 JAN 2018 08:37:12

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8 JAN 2018 08:46:51

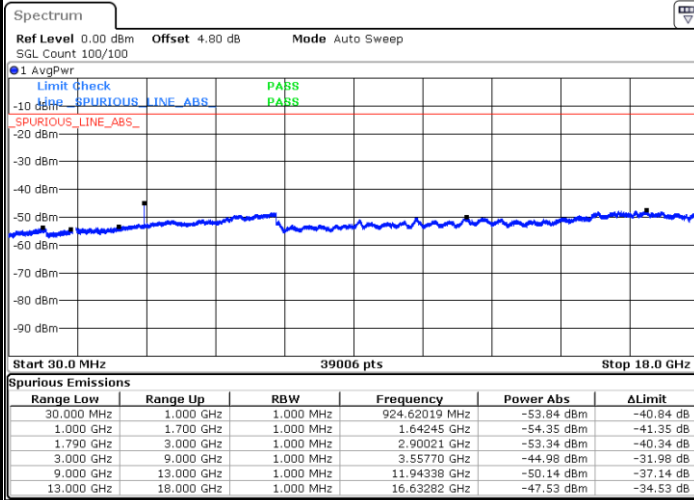


Date: 8 JAN 2018 08:45:41



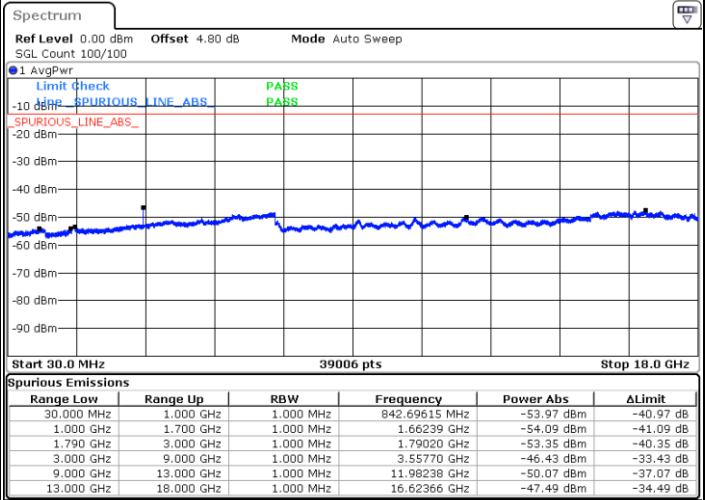
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 8 JAN 2018 08:54:37

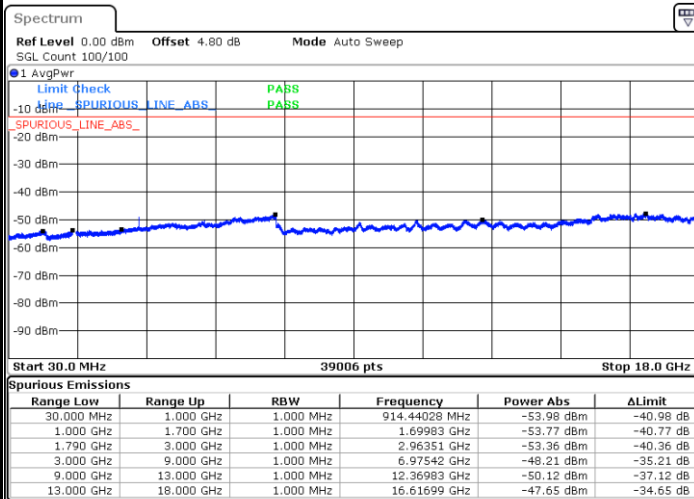
Highest Channel / 16QAM



Date: 8 JAN 2018 08:53:04

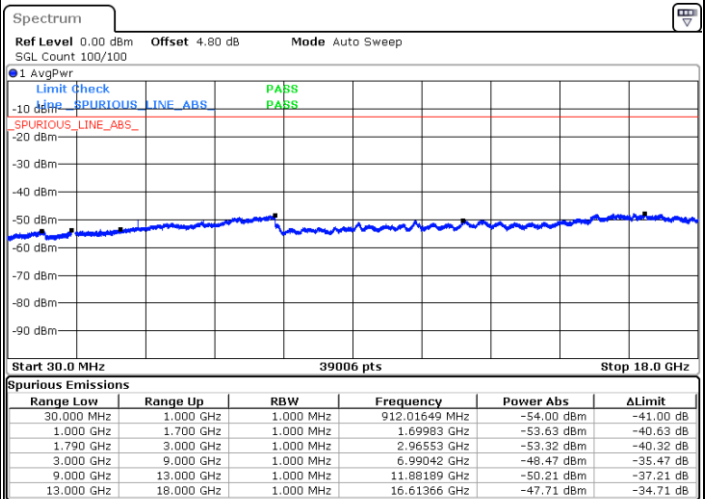
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 8 JAN 2018 09:05:50

Lowest Channel / 16QAM

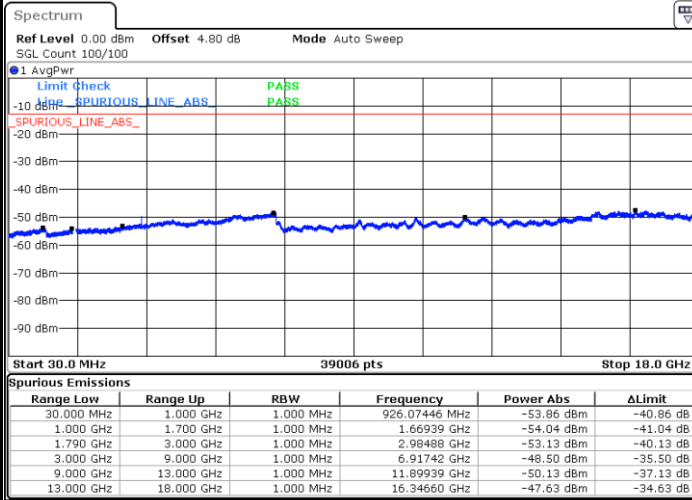


Date: 8 JAN 2018 09:04:40



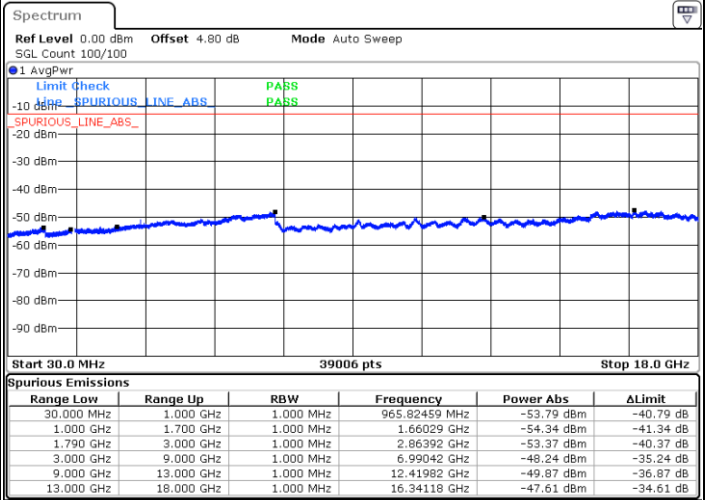
LTE Band 66 / 3MHz

Middle Channel / QPSK



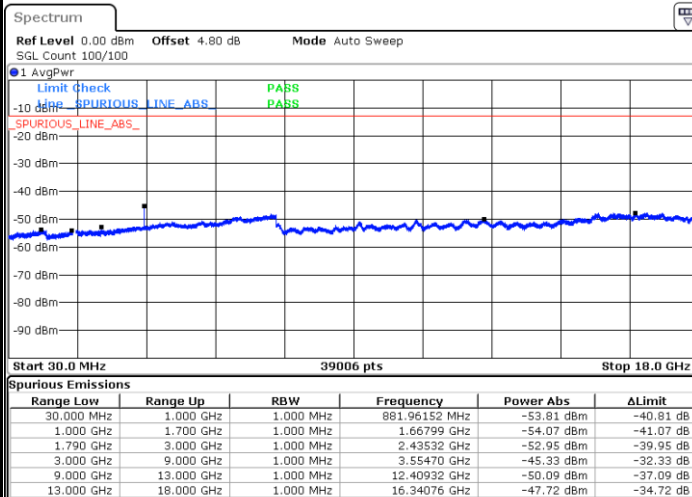
Date: 8 JAN 2018 09:14:49

Middle Channel / 16QAM



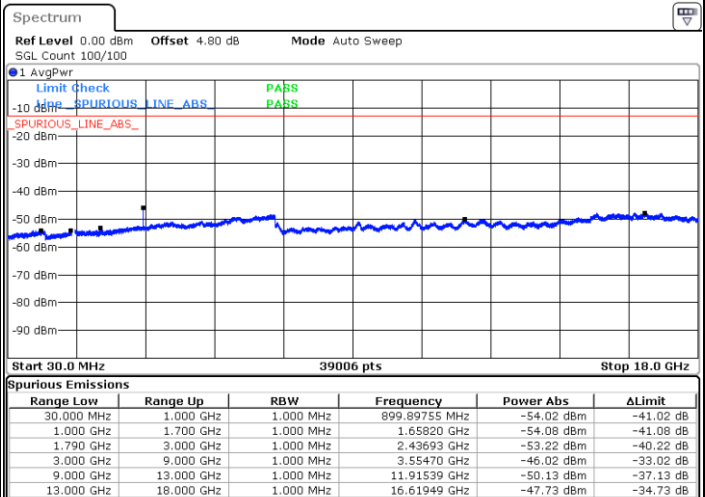
Date: 8 JAN 2018 09:14:00

Highest Channel / QPSK



Date: 8 JAN 2018 09:17:40

Highest Channel / 16QAM

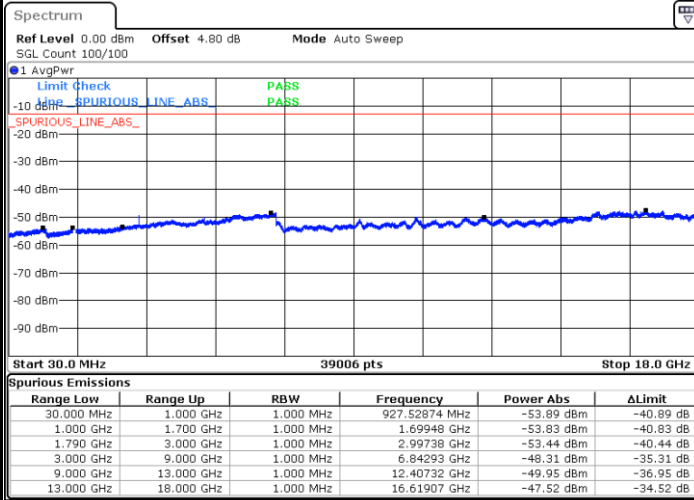


Date: 8 JAN 2018 09:16:49



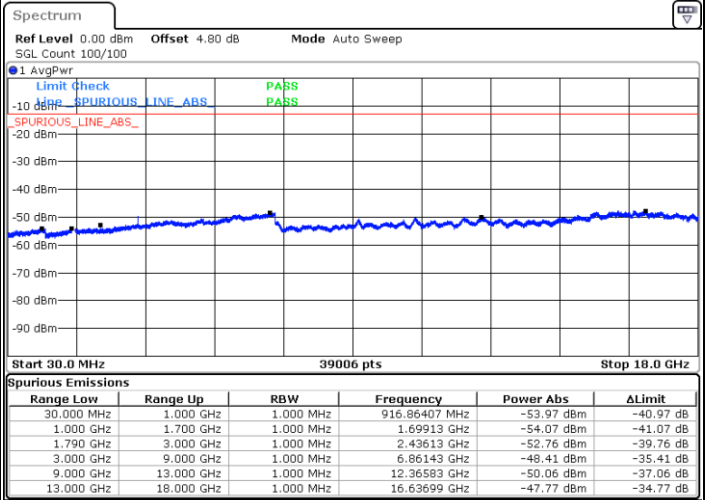
LTE Band 66 / 5MHz

Lowest Channel / QPSK



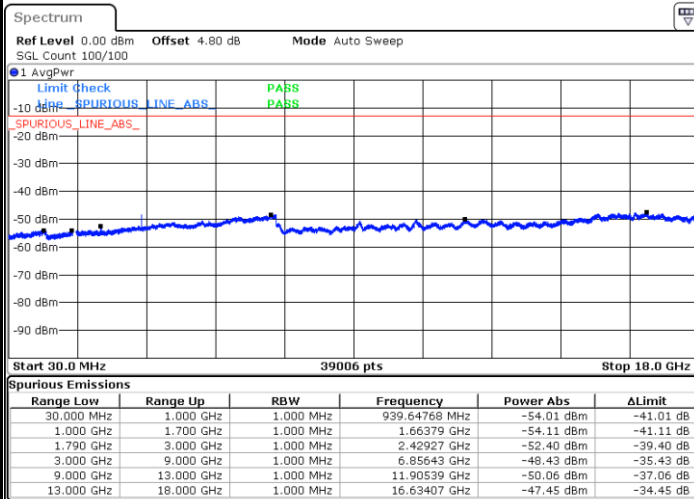
Date: 8 JAN 2018 09:25:34

Lowest Channel / 16QAM



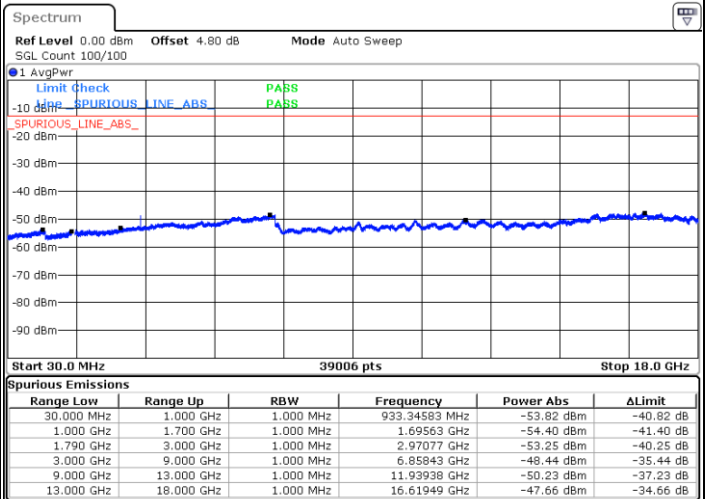
Date: 8 JAN 2018 09:24:49

Middle Channel / QPSK



Date: 8 JAN 2018 09:32:30

Middle Channel / 16QAM

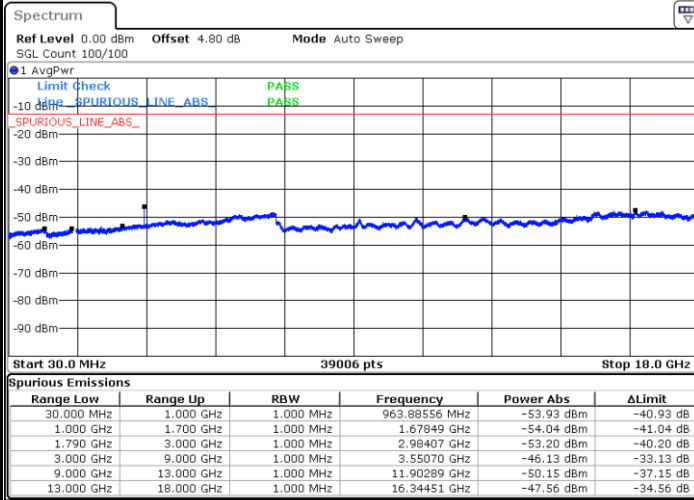


Date: 8 JAN 2018 09:31:51



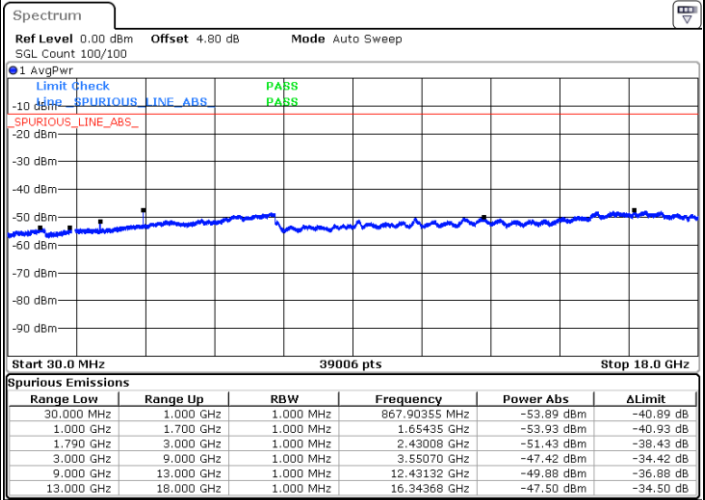
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 8 JAN 2018 09:35:20

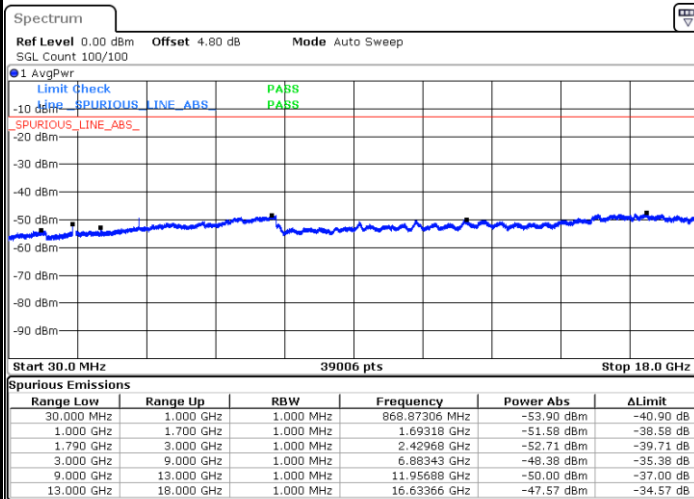
Highest Channel / 16QAM



Date: 8 JAN 2018 09:34:35

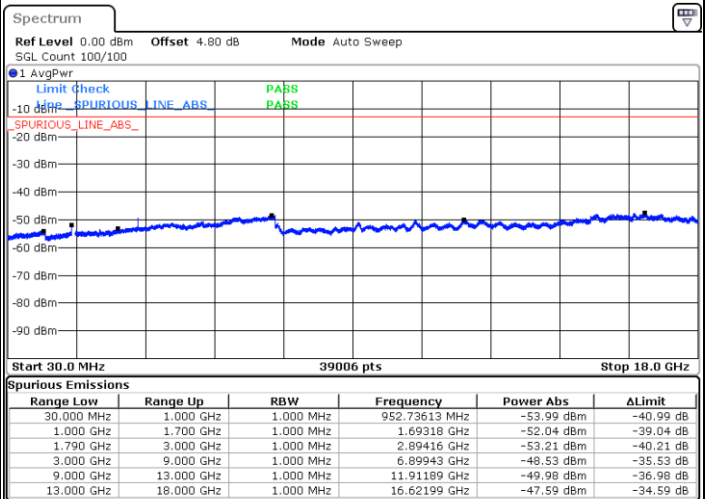
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 8 JAN 2018 09:41:27

Lowest Channel / 16QAM

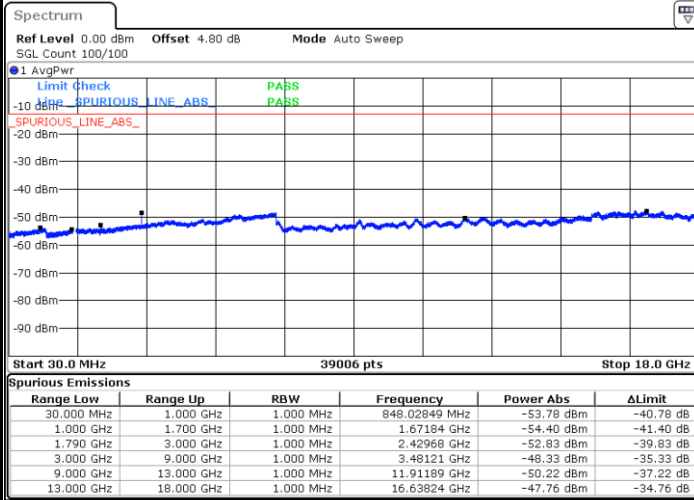


Date: 8 JAN 2018 09:40:40



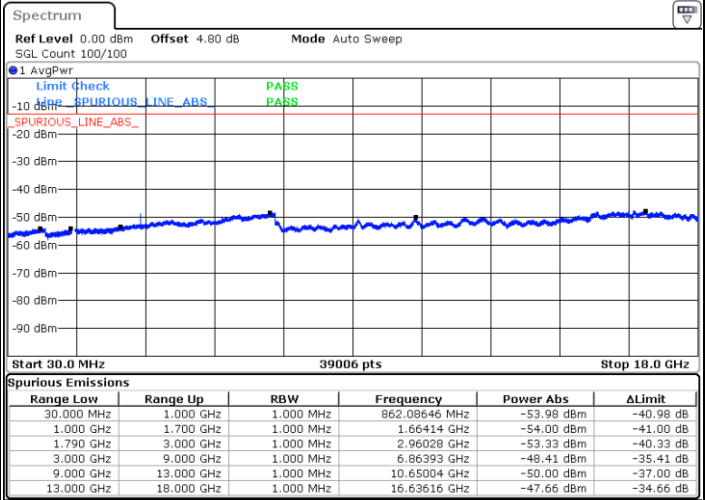
LTE Band 66 / 10MHz

Middle Channel / QPSK



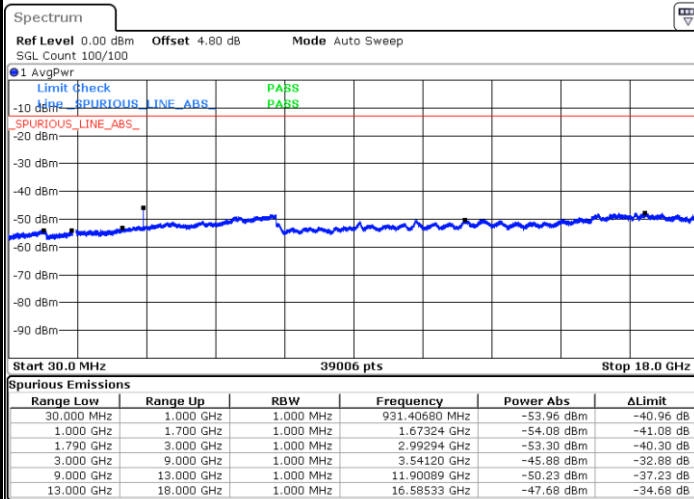
Date: 8 JAN 2018 09:47:19

Middle Channel / 16QAM



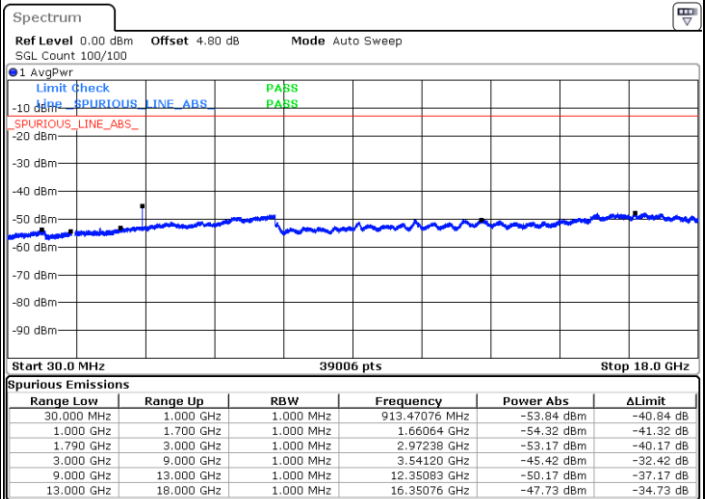
Date: 8 JAN 2018 09:46:43

Highest Channel / QPSK



Date: 8 JAN 2018 09:49:59

Highest Channel / 16QAM

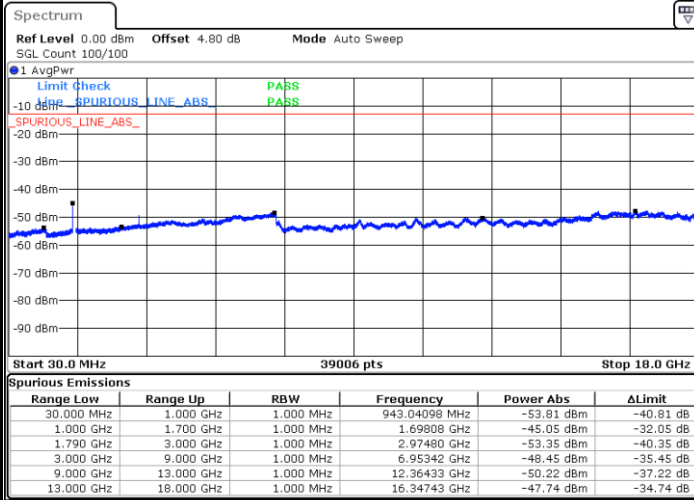


Date: 8 JAN 2018 09:49:17



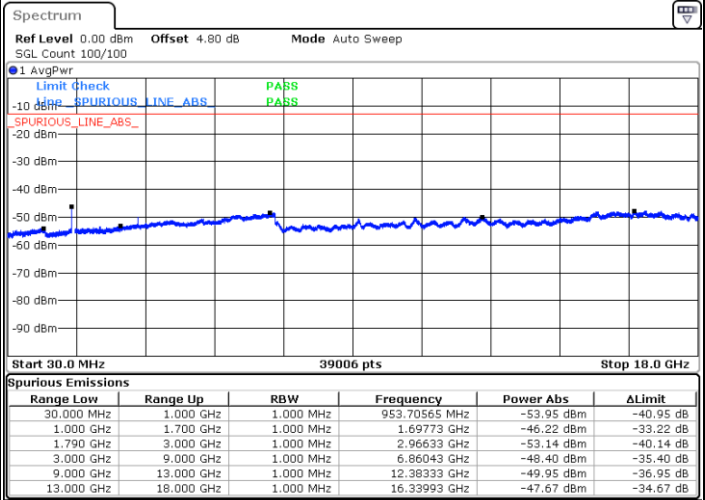
LTE Band 66 / 15MHz

Lowest Channel / QPSK



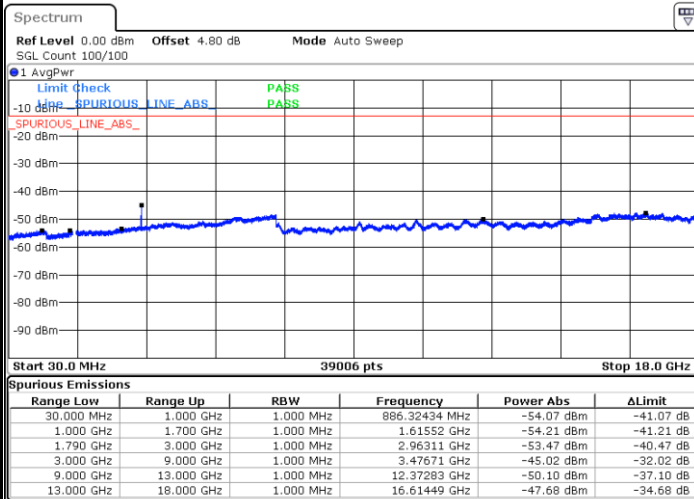
Date: 8 JAN 2018 09:57:02

Lowest Channel / 16QAM



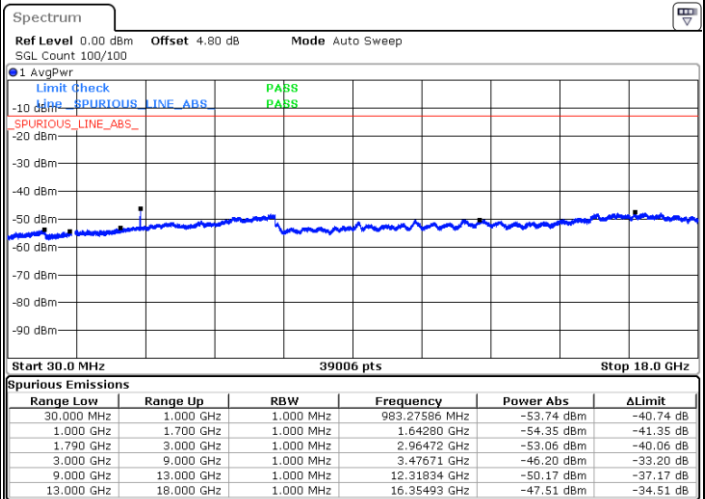
Date: 8 JAN 2018 09:56:17

Middle Channel / QPSK



Date: 8 JAN 2018 10:02:56

Middle Channel / 16QAM

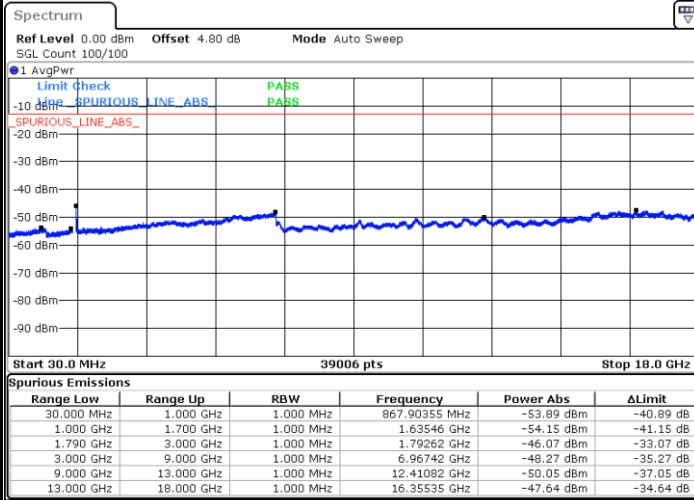


Date: 8 JAN 2018 10:03:32



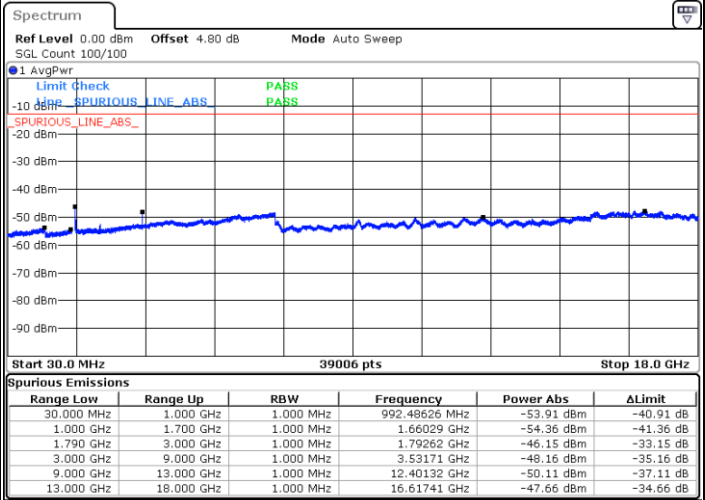
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 8 JAN 2018 10:07:34

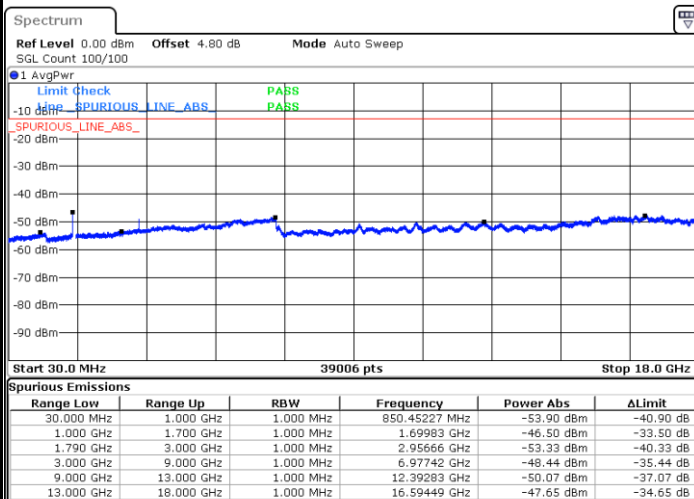
Highest Channel / 16QAM



Date: 8 JAN 2018 10:05:57

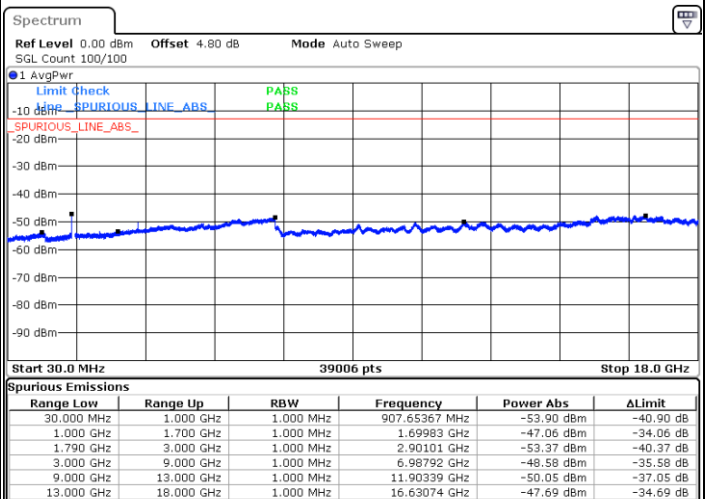
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 8 JAN 2018 10:13:45

Lowest Channel / 16QAM

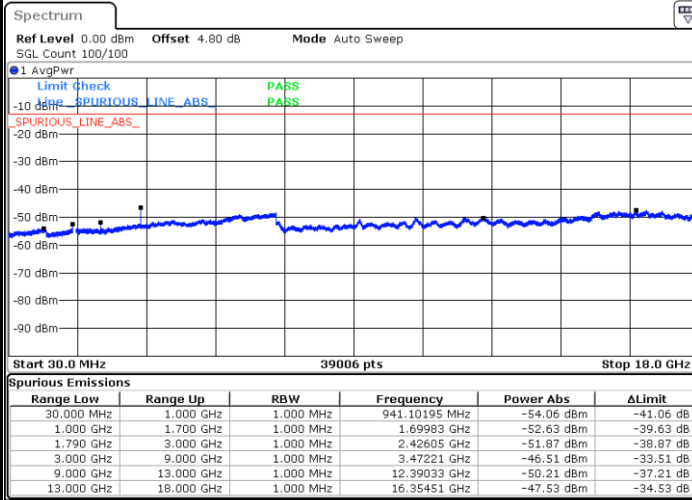


Date: 8 JAN 2018 10:13:06



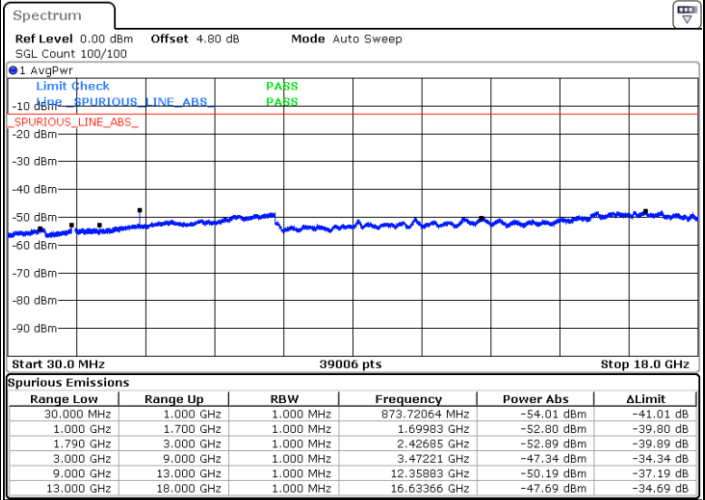
LTE Band 66 / 20MHz

Middle Channel / QPSK



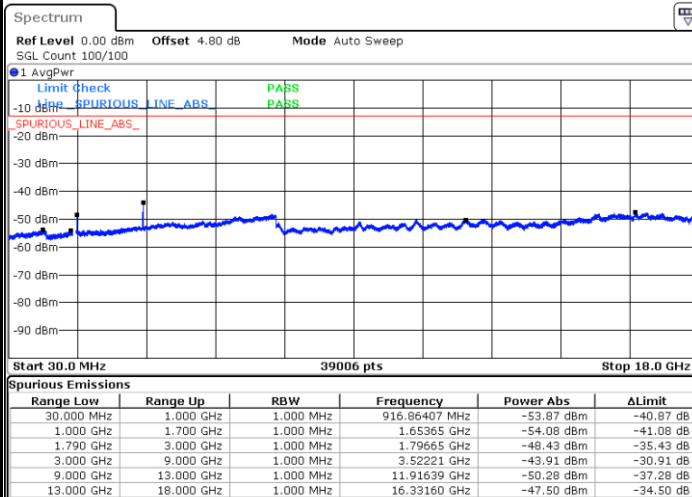
Date: 8 JAN 2018 10:20:24

Middle Channel / 16QAM



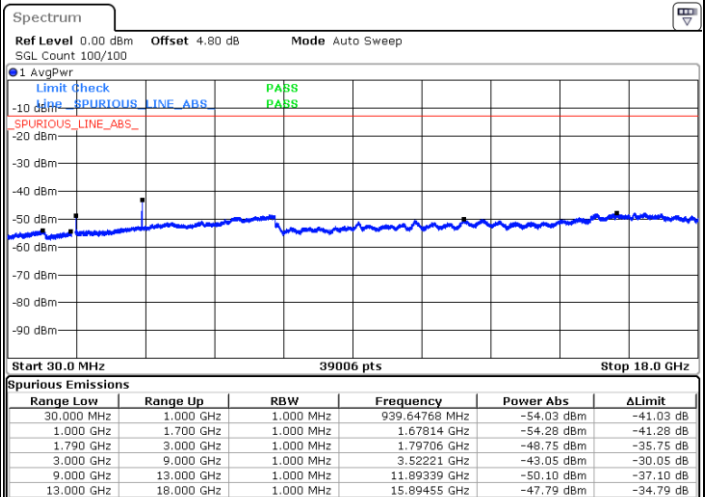
Date: 8 JAN 2018 10:19:37

Highest Channel / QPSK



Date: 8 JAN 2018 10:24:28

Highest Channel / 16QAM



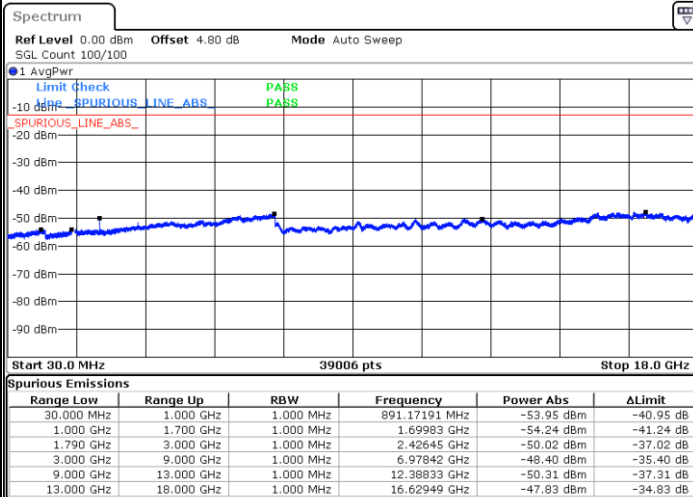
Date: 8 JAN 2018 10:23:34



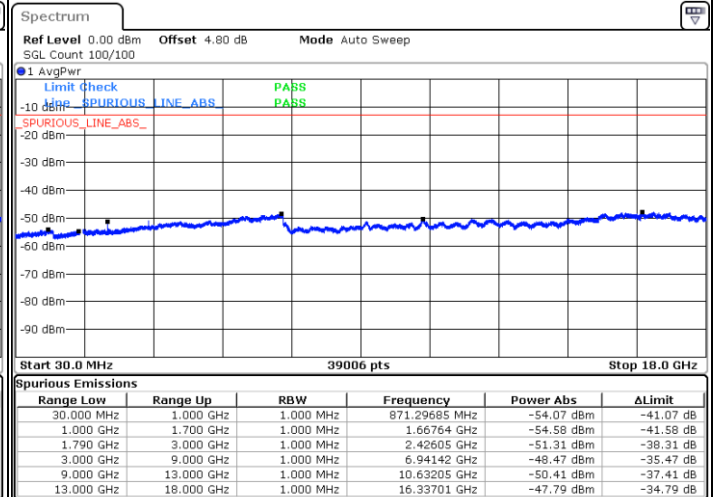
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

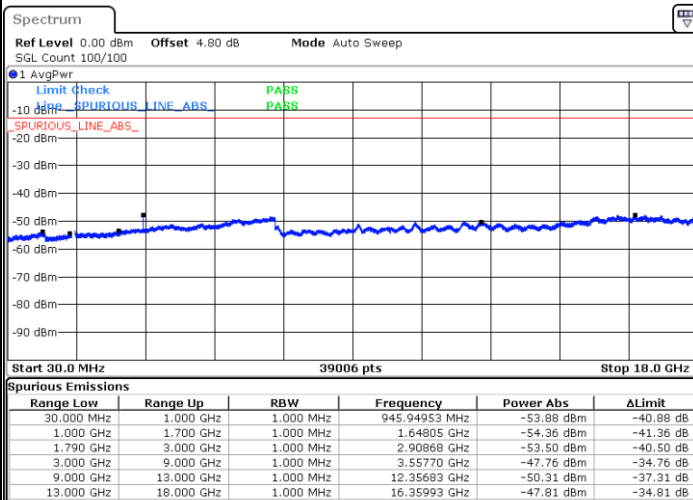


Date: 8 JAN 2018 12:52:30



Date: 8 JAN 2018 12:58:47

Highest Channel / 64QAM



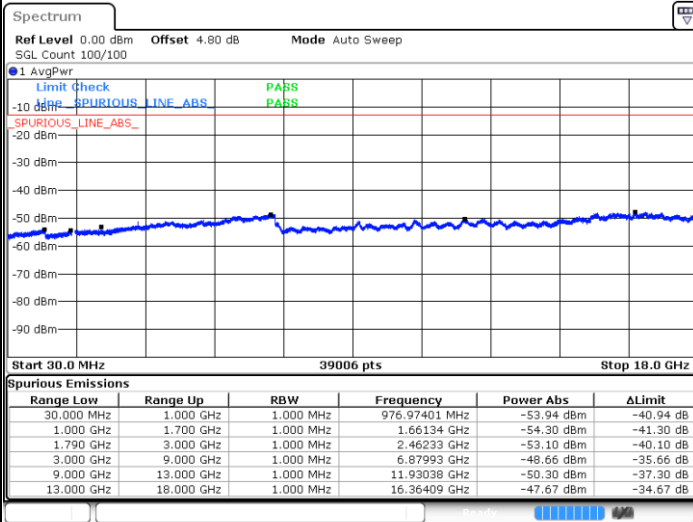
Date: 8 JAN 2018 13:00:29



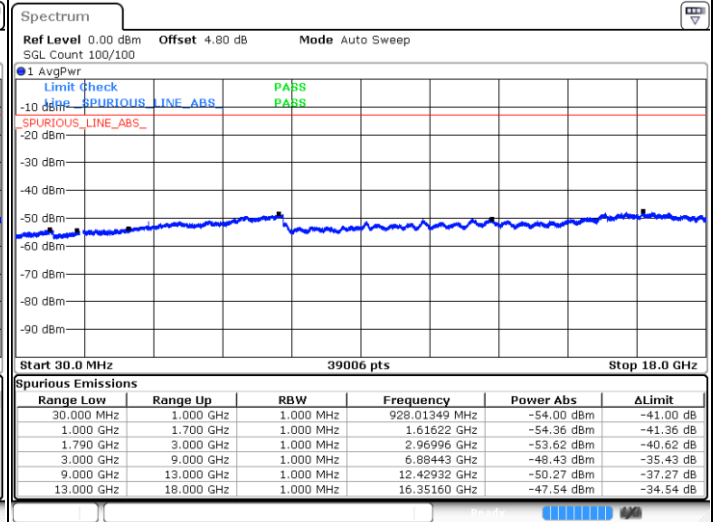
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

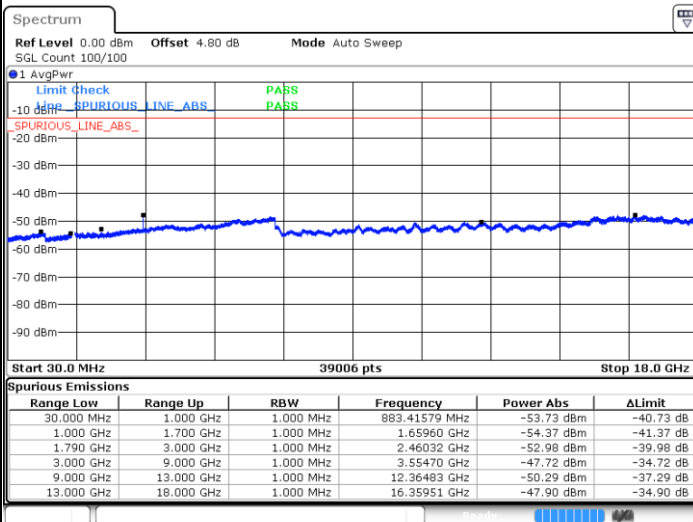


Date: 8 JAN 2018 13:06:24



Date: 8 JAN 2018 13:10:32

Highest Channel / 64QAM

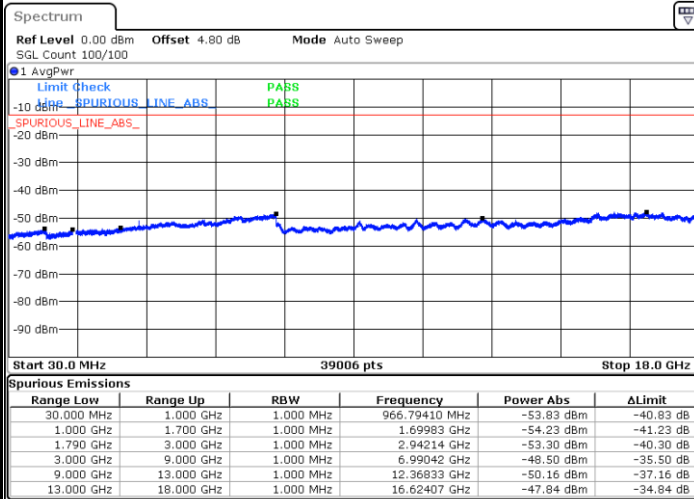


Date: 8 JAN 2018 13:12:01



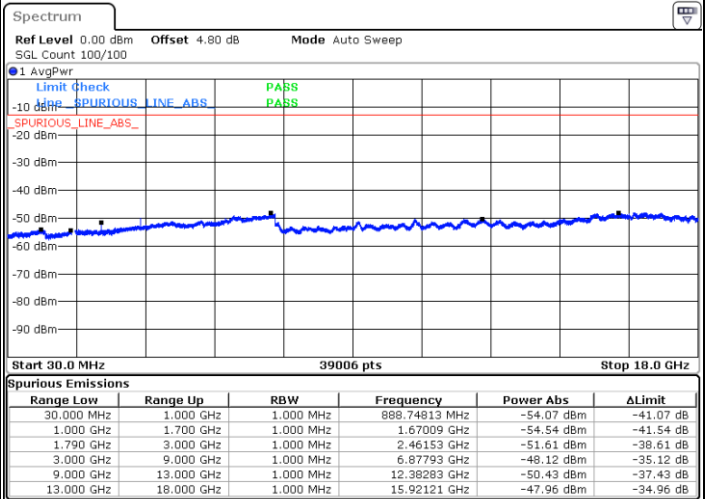
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



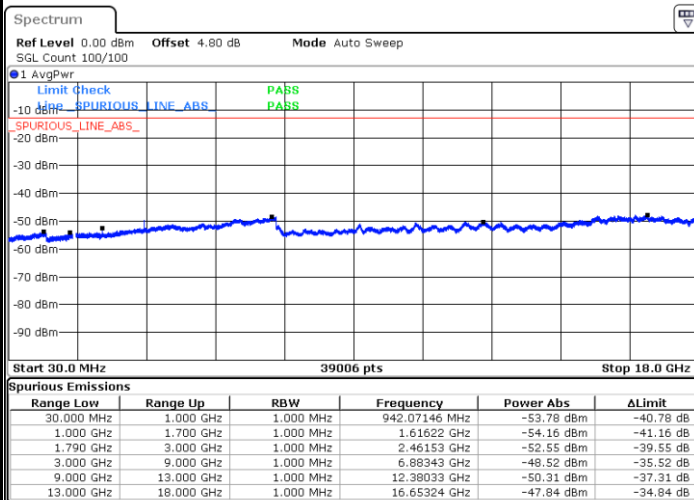
Date: 8 JAN 2018 13:17:01

Middle Channel / 64QAM



Date: 8 JAN 2018 13:21:39

Highest Channel / 64QAM



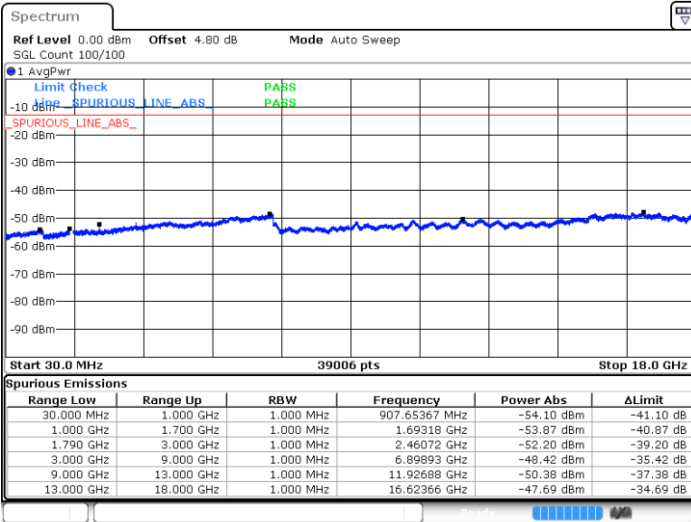
Date: 8 JAN 2018 13:23:31



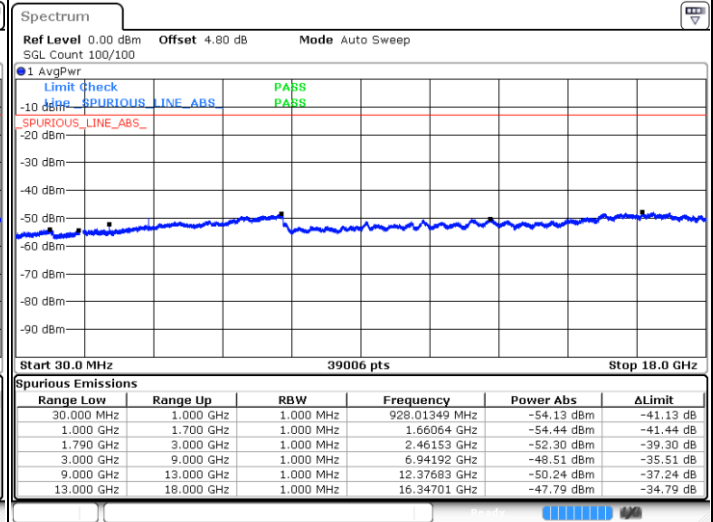
LTE Band 66 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

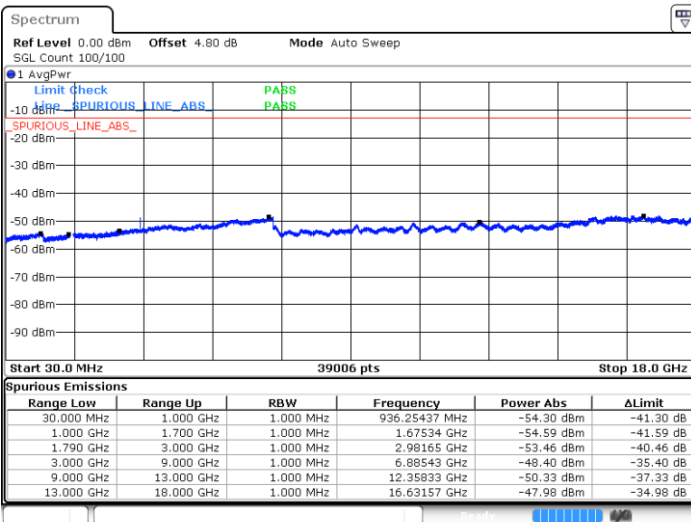


Date: 8 JAN 2018 13:27:16



Date: 8 JAN 2018 13:30:20

Highest Channel / 64QAM



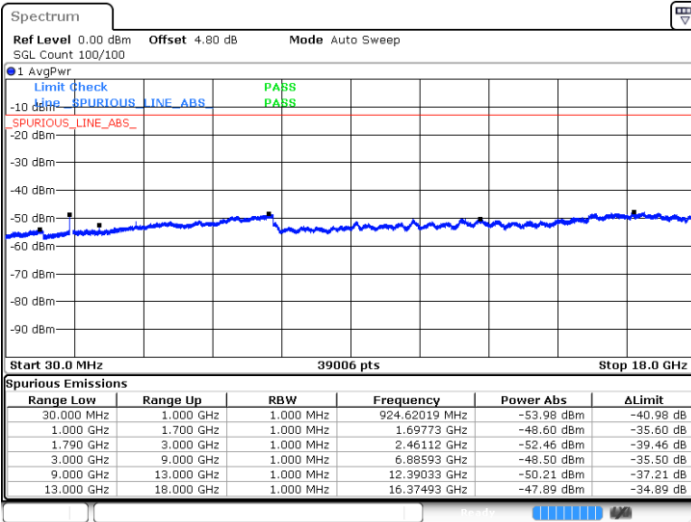
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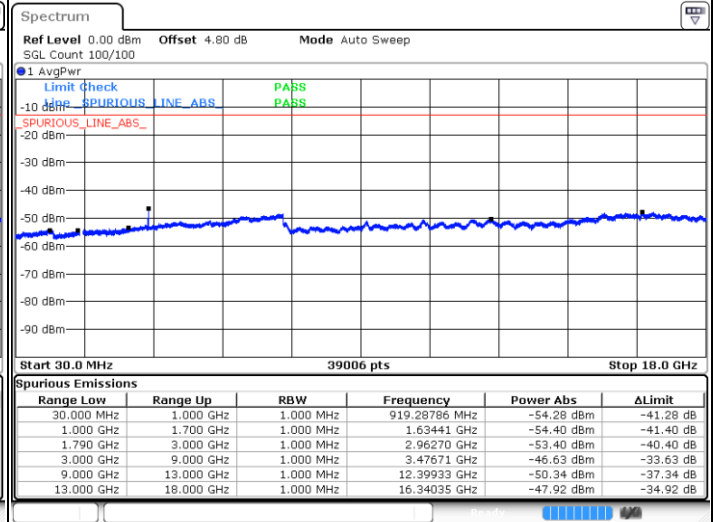
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

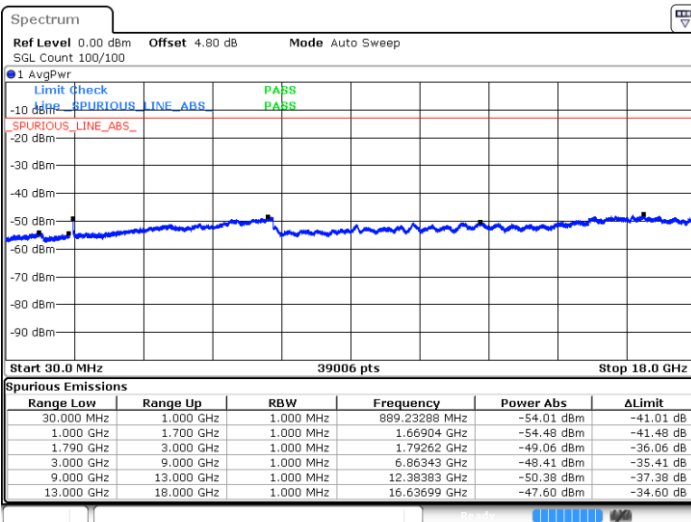


Date: 8 JAN 2018 13:35:03



Date: 8 JAN 2018 13:37:04

Highest Channel / 64QAM



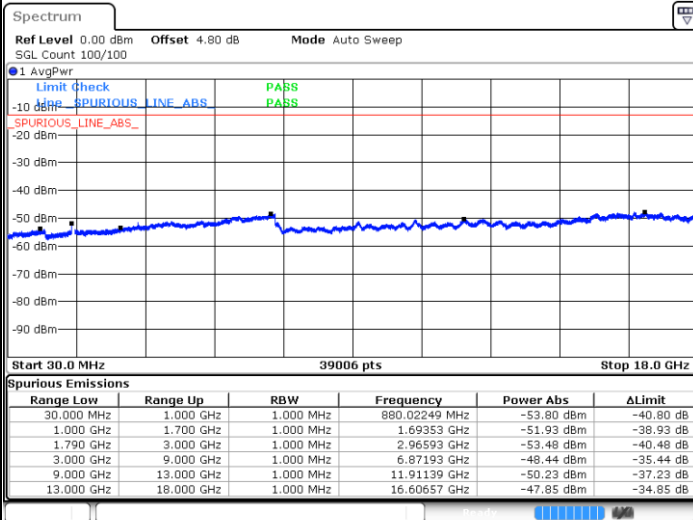
Date: 8 JAN 2018 13:38:43



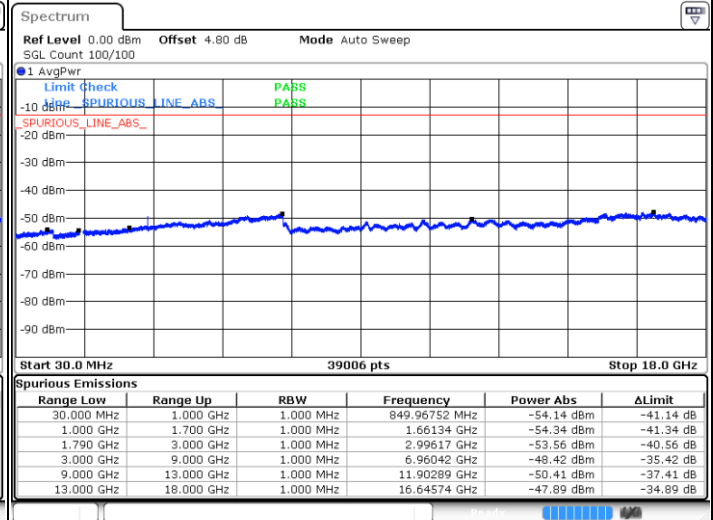
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

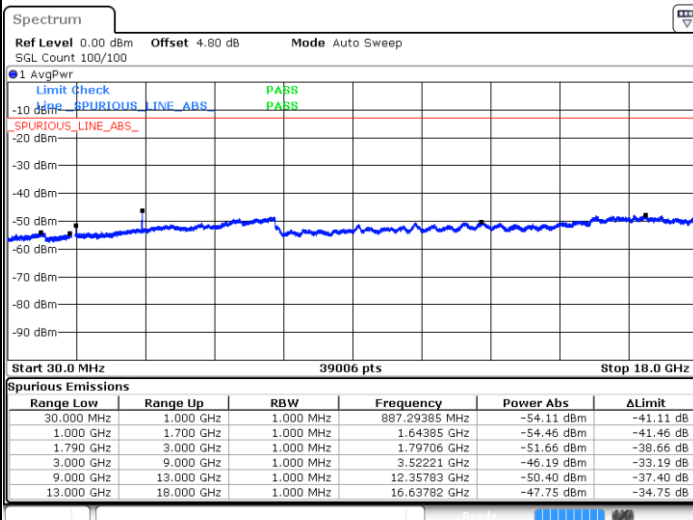


Date: 8 JAN 2018 13:41:17



Date: 8 JAN 2018 13:44:54

Highest Channel / 64QAM



Date: 8 JAN 2018 13:47:34

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0022	

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0029	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0031	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0051	
20	Normal Voltage	0.0060	
20	Battery End Point	0.0012	

Note: Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =11.58V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0090	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0102	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0076	
-30	Normal Voltage	0.0068	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0106	

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0047	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0063	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0058	
-30	Normal Voltage	0.0066	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0046	

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0082	PASS
40	Normal Voltage	0.0108	
30	Normal Voltage	0.0121	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0076	
-10	Normal Voltage	0.0087	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0070	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0020	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0020	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0096	PASS
40	Normal Voltage	0.0086	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0093	
0	Normal Voltage	0.0079	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0080	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0084	

Note: Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.



Test Conditions		LTE Band 38 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0022	

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =11.58 V. ; Battery End Point (BEP) =9 V. ; Maximum Voltage =13 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.