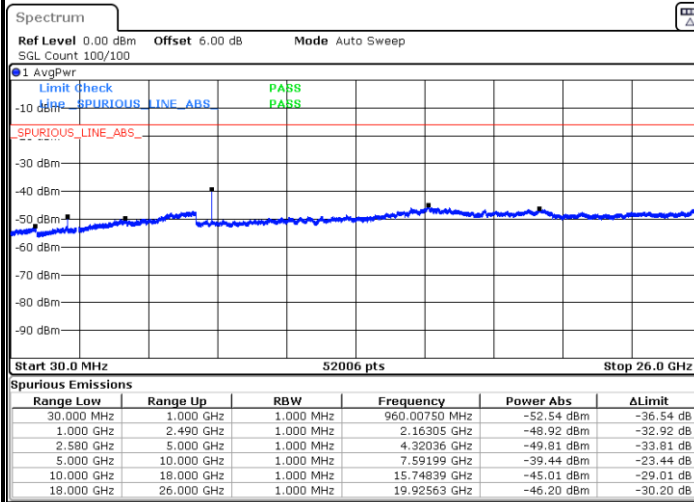




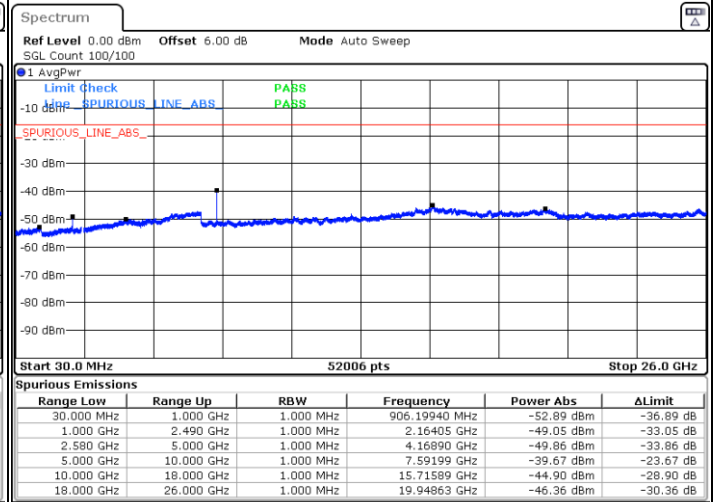
LTE Band 7 / 10MHz

Middle Channel / QPSK



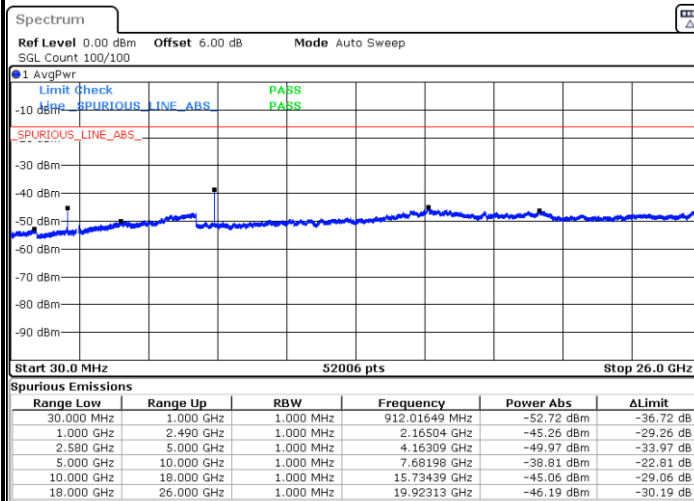
Date: 18 DEC 2019 01:26:55

Middle Channel / 16QAM



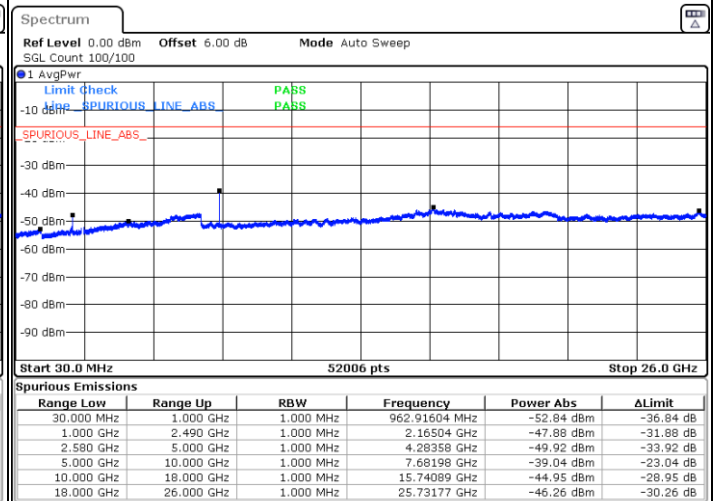
Date: 18 DEC 2019 01:27:48

Highest Channel / QPSK



Date: 18 DEC 2019 01:30:09

Highest Channel / 16QAM

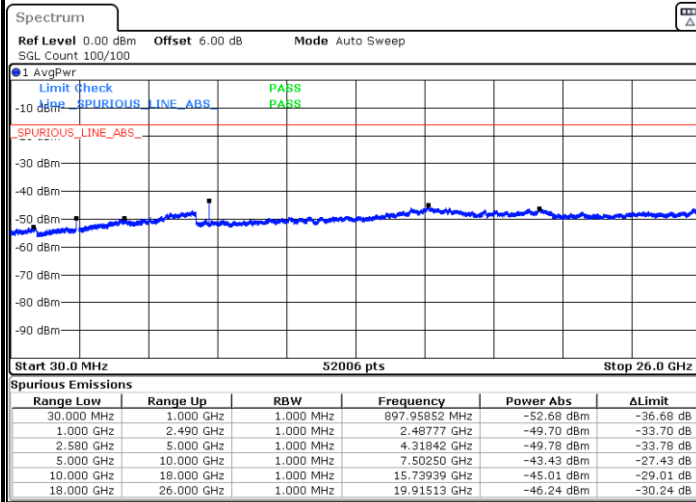


Date: 18 DEC 2019 01:31:03



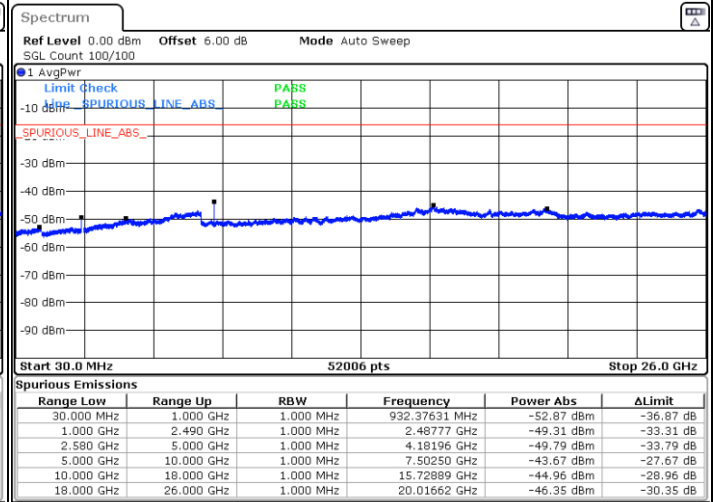
LTE Band 7 / 15MHz

Lowest Channel / QPSK



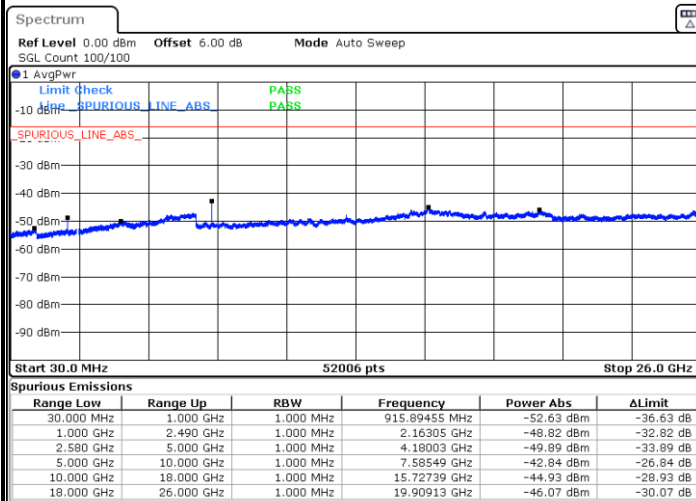
Date: 18 DEC 2019 00:46:15

Lowest Channel / 16QAM



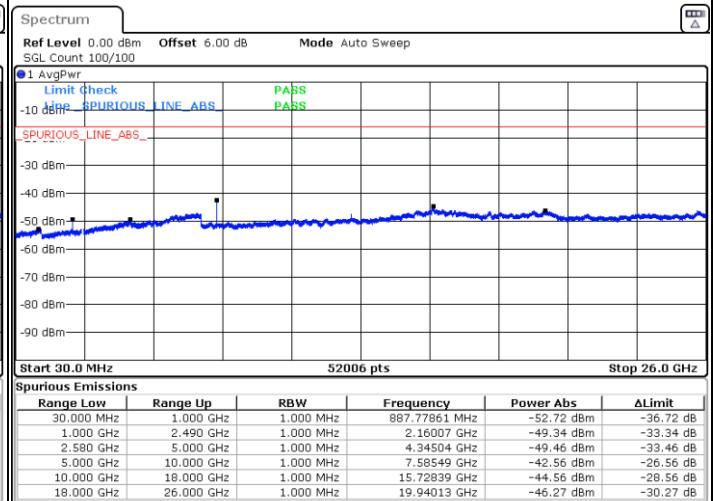
Date: 18 DEC 2019 00:47:09

Middle Channel / QPSK



Date: 18 DEC 2019 00:50:04

Middle Channel / 16QAM

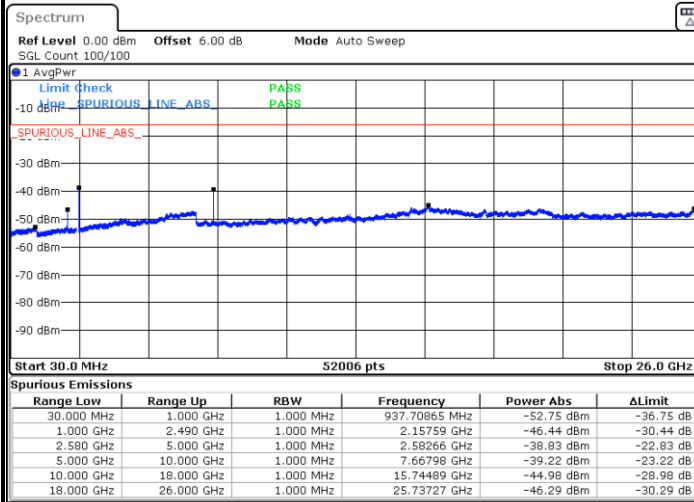


Date: 18 DEC 2019 00:50:58



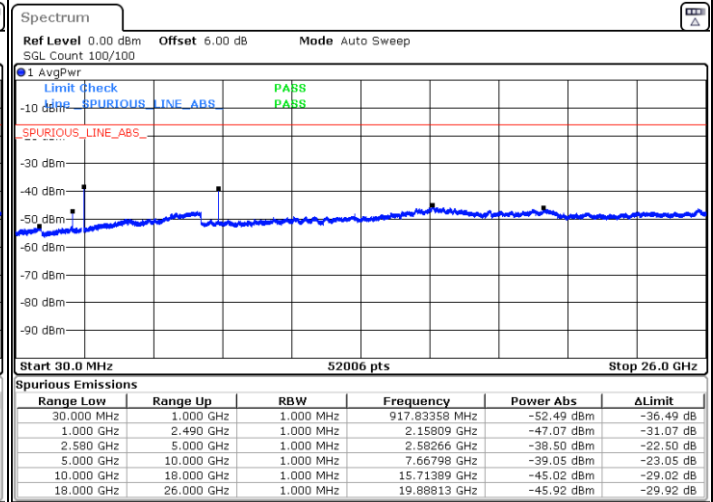
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 18 DEC 2019 00:41:40

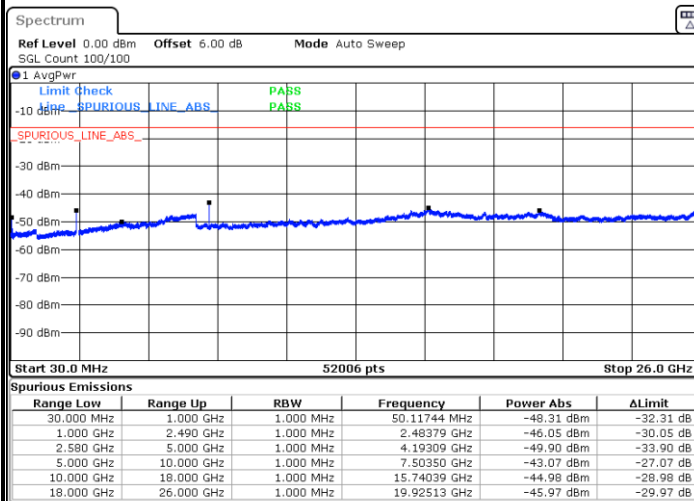
Highest Channel / 16QAM



Date: 18 DEC 2019 00:42:39

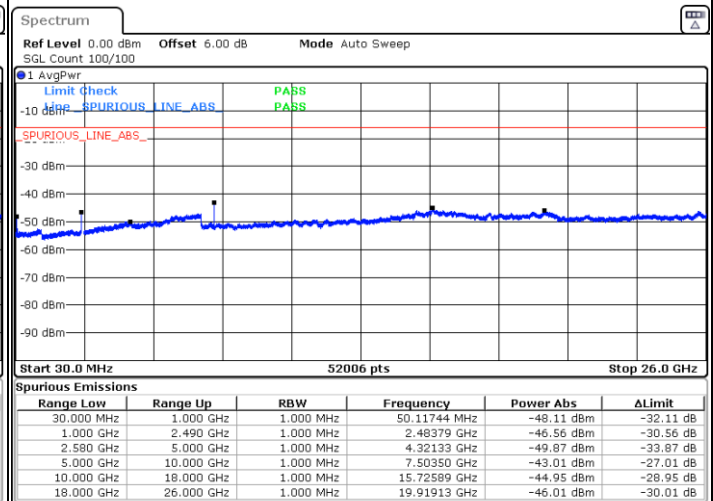
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 18 DEC 2019 01:57:51

Lowest Channel / 16QAM

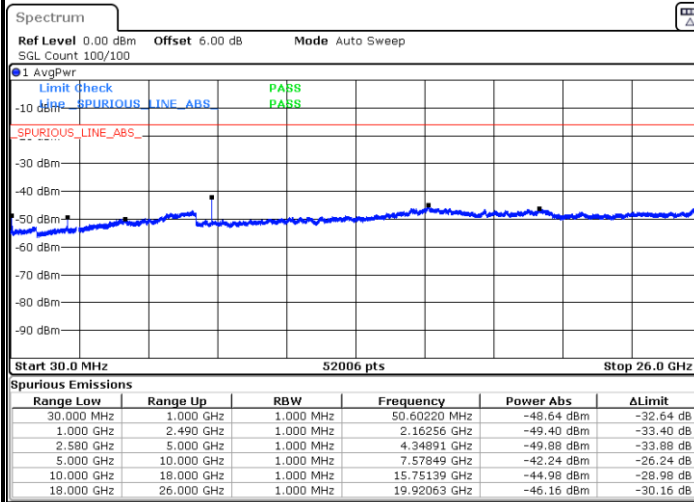


Date: 18 DEC 2019 01:59:04



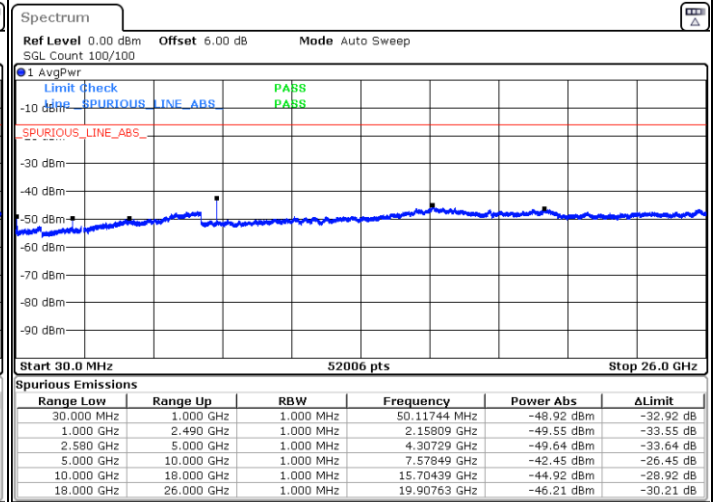
LTE Band 7 / 20MHz

Middle Channel / QPSK



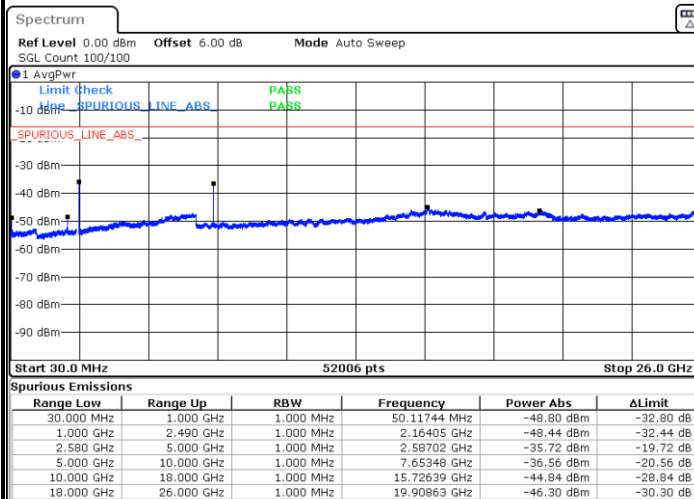
Date: 18 DEC 2019 02:04:15

Middle Channel / 16QAM



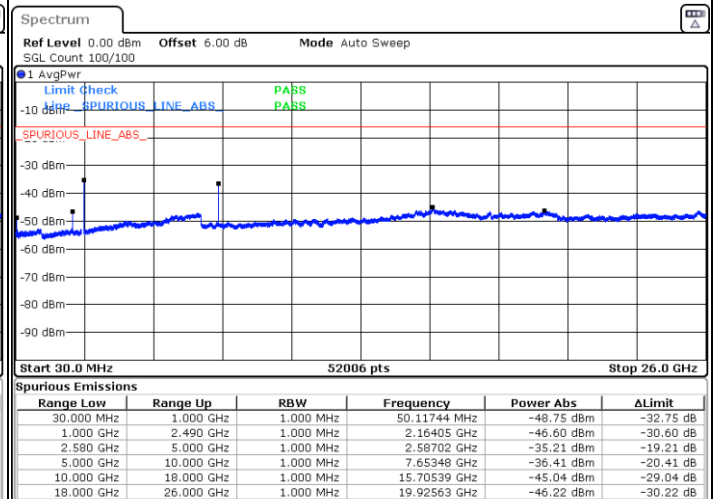
Date: 18 DEC 2019 02:05:13

Highest Channel / QPSK



Date: 18 DEC 2019 02:10:55

Highest Channel / 16QAM

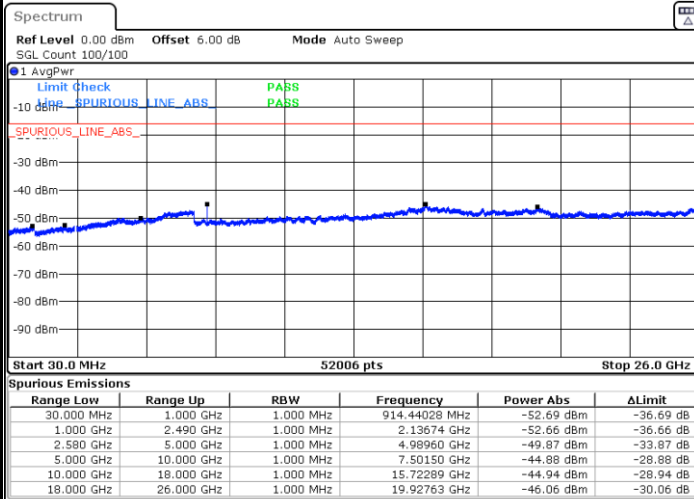


Date: 18 DEC 2019 02:11:58



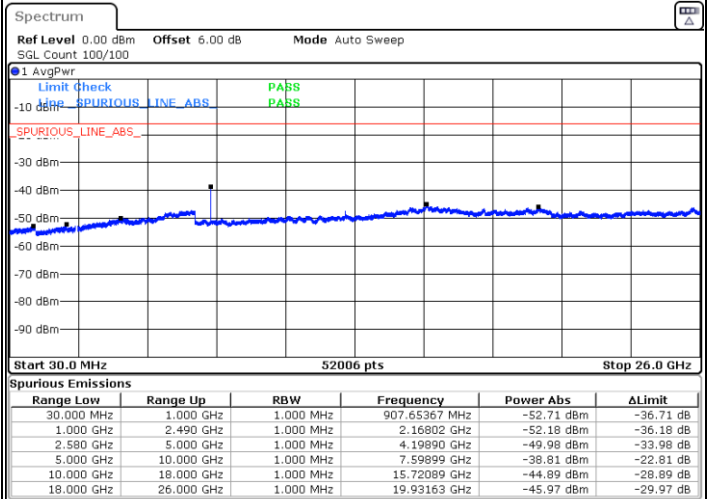
LTE Band 7 / 5MHz

Lowest Channel / 64QAM



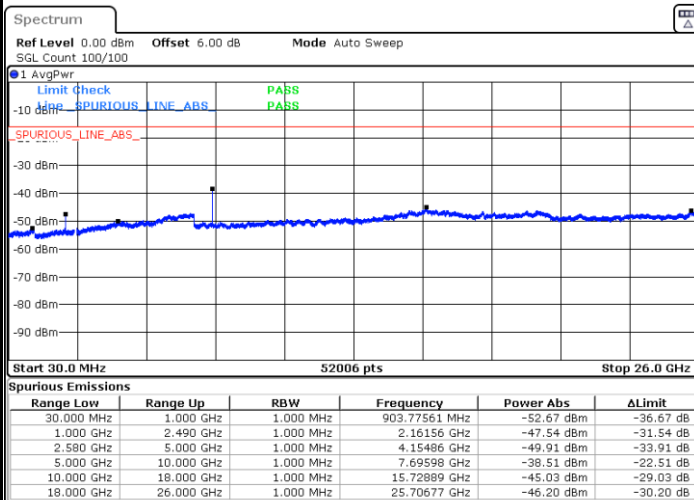
Date: 18 DEC 2019 00:56:34

Middle Channel / 64QAM



Date: 18 DEC 2019 00:59:54

Highest Channel / 64QAM

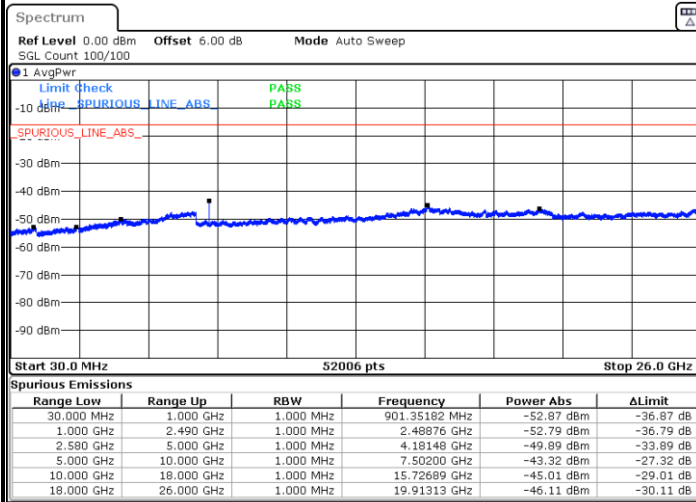


Date: 18 DEC 2019 01:03:27



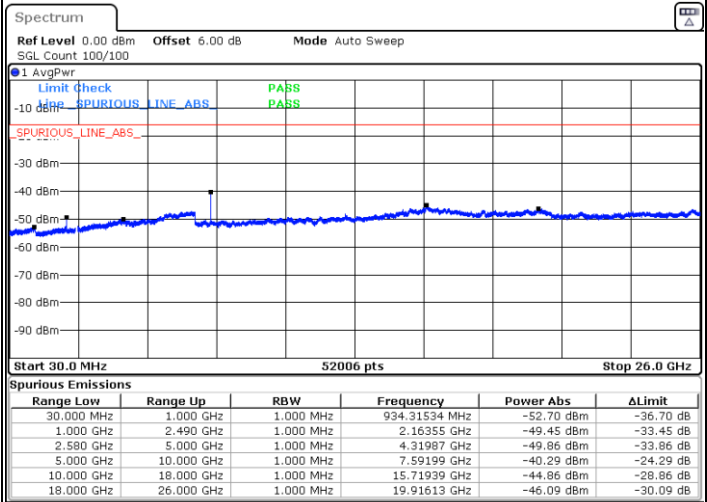
LTE Band 7 / 10MHz

Lowest Channel / 64QAM



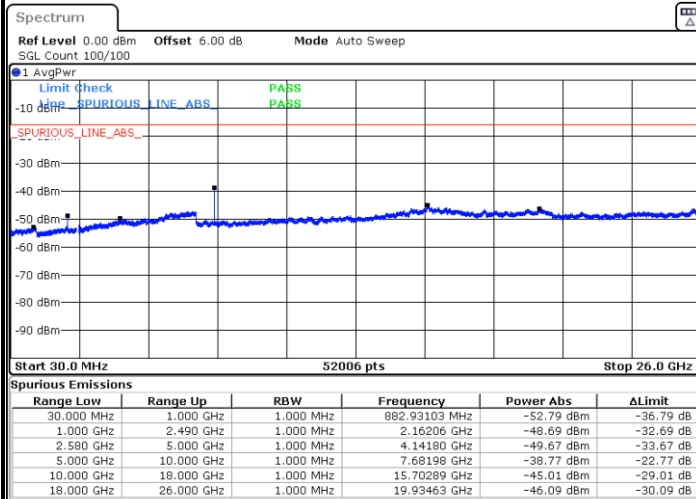
Date: 18 DEC 2019 01:25:28

Middle Channel / 64QAM



Date: 18 DEC 2019 01:28:42

Highest Channel / 64QAM

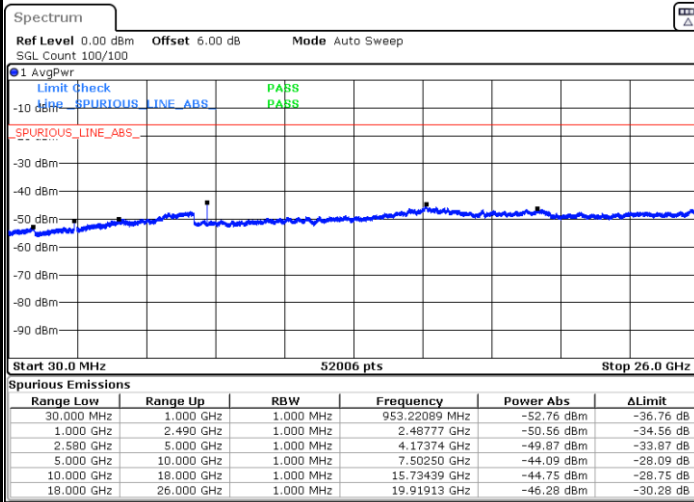


Date: 18 DEC 2019 01:31:50



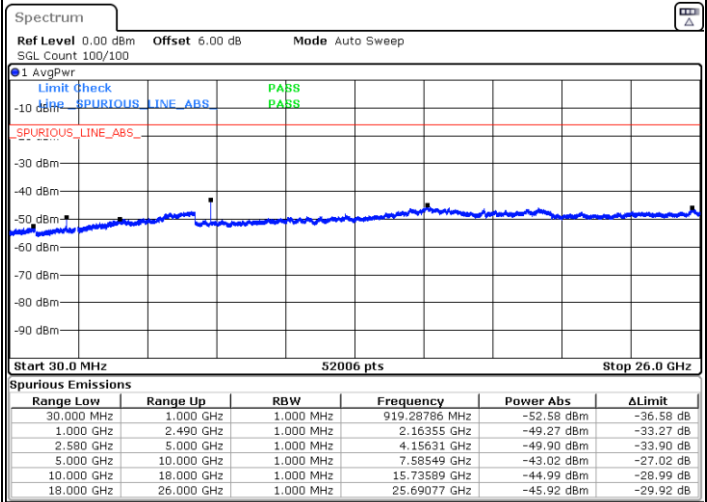
LTE Band 7 / 15MHz

Lowest Channel / 64QAM



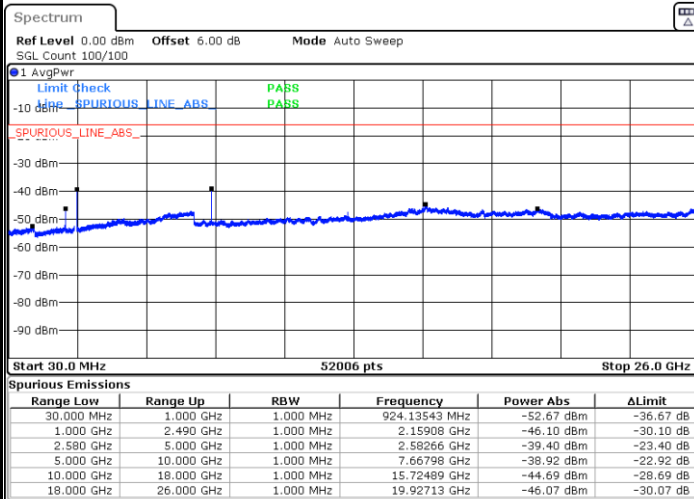
Date: 18 DEC 2019 00:48:02

Middle Channel / 64QAM



Date: 18 DEC 2019 00:51:47

Highest Channel / 64QAM

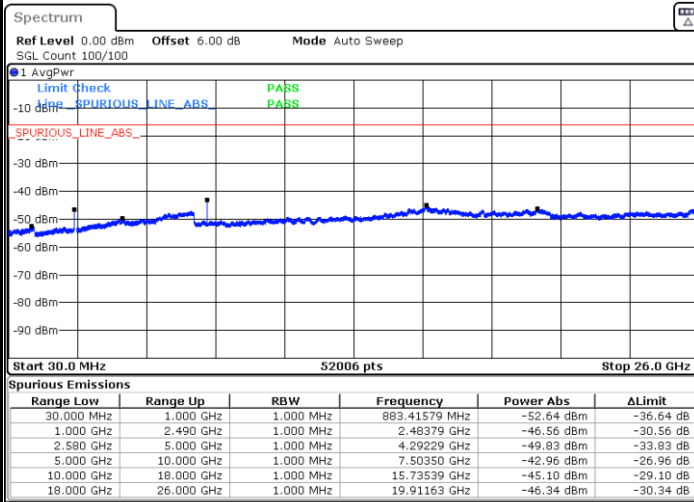


Date: 18 DEC 2019 00:43:30



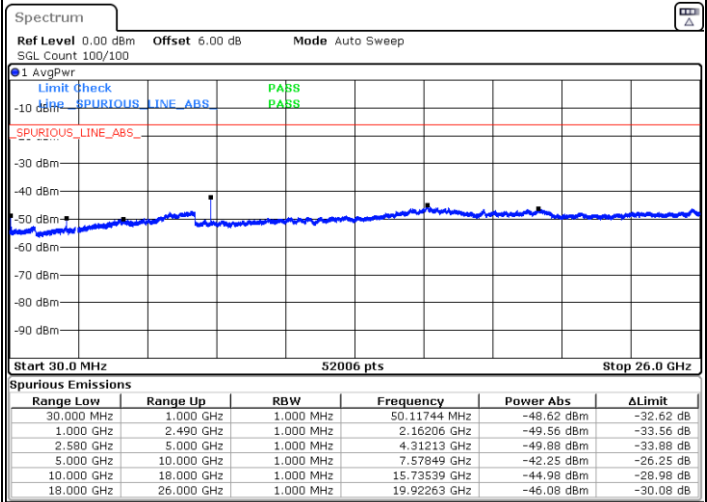
LTE Band 7 / 20MHz

Lowest Channel / 64QAM



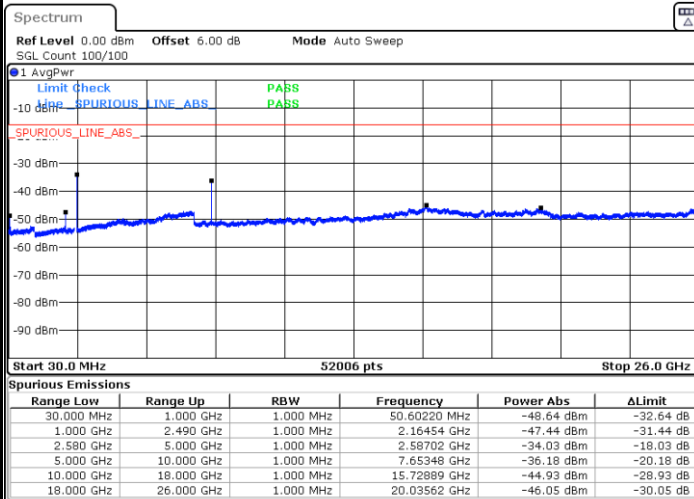
Date: 18 DEC 2019 02:00:12

Middle Channel / 64QAM



Date: 18 DEC 2019 02:06:07

Highest Channel / 64QAM

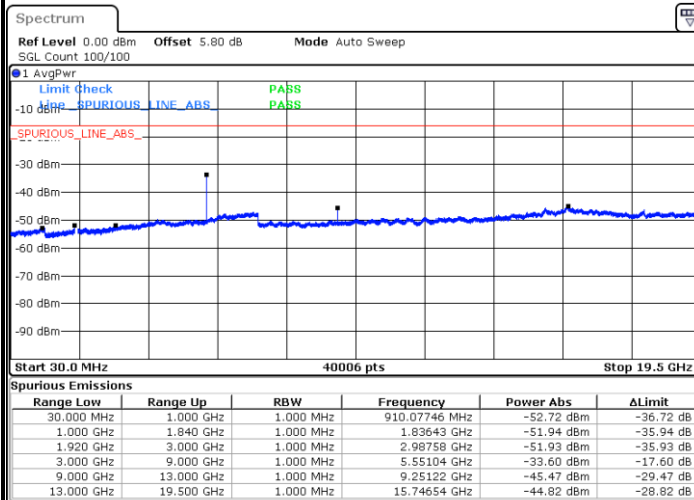


Date: 18 DEC 2019 02:12:54



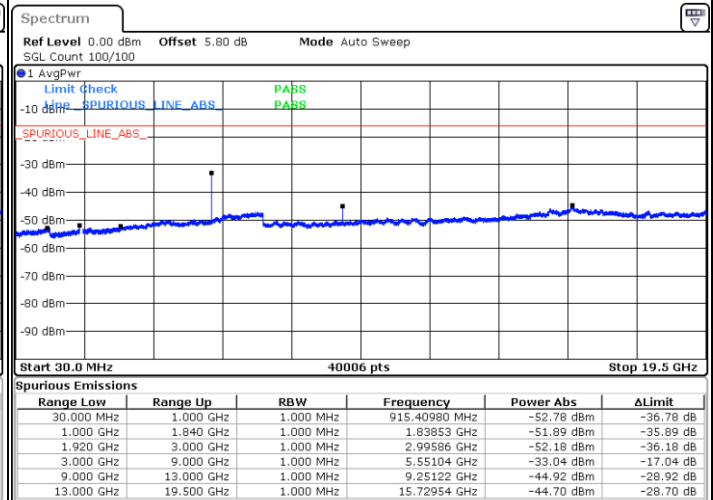
LTE Band 25 / 1.4MHz

Lowest Channel / QPSK



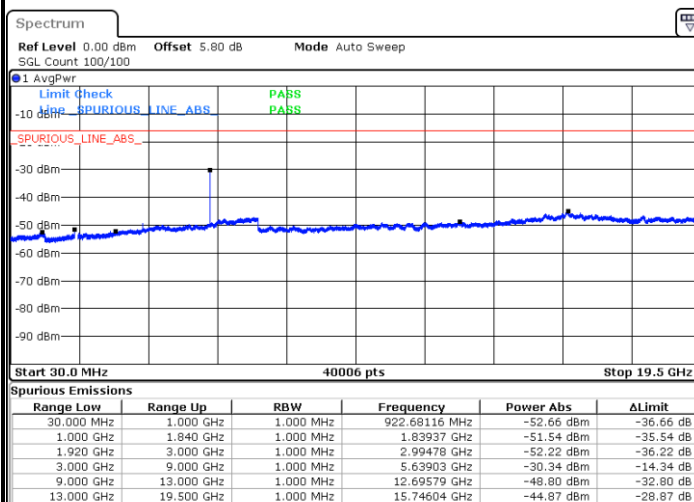
Date: 10 DEC 2019 04:54:03

Lowest Channel / 16QAM



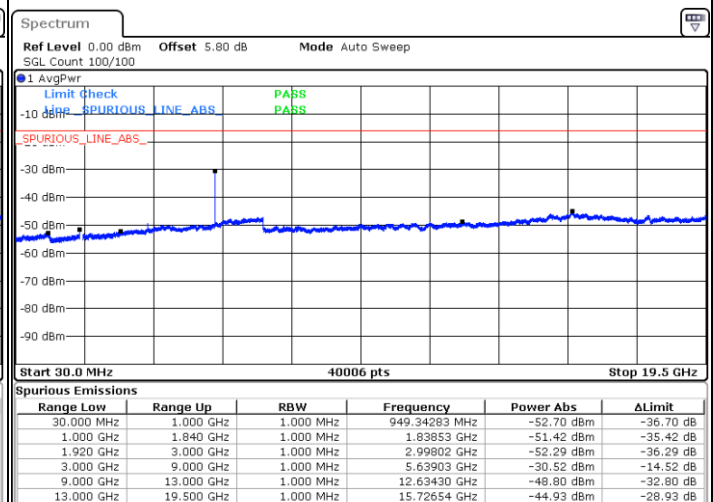
Date: 10 DEC 2019 04:54:43

Middle Channel / QPSK



Date: 10 DEC 2019 04:58:41

Middle Channel / 16QAM

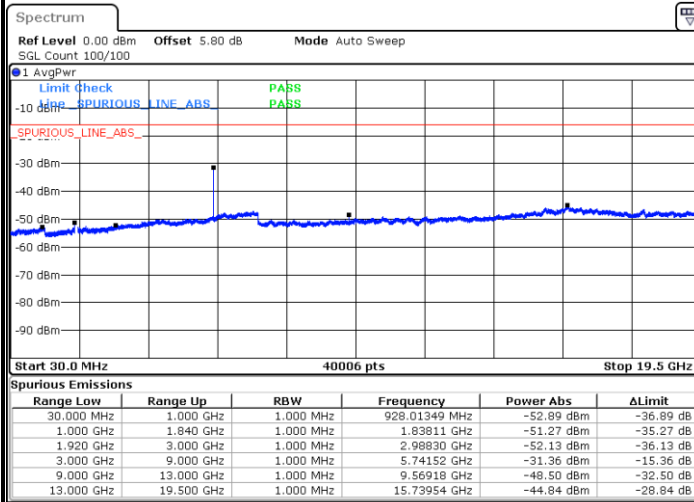


Date: 10 DEC 2019 04:59:55



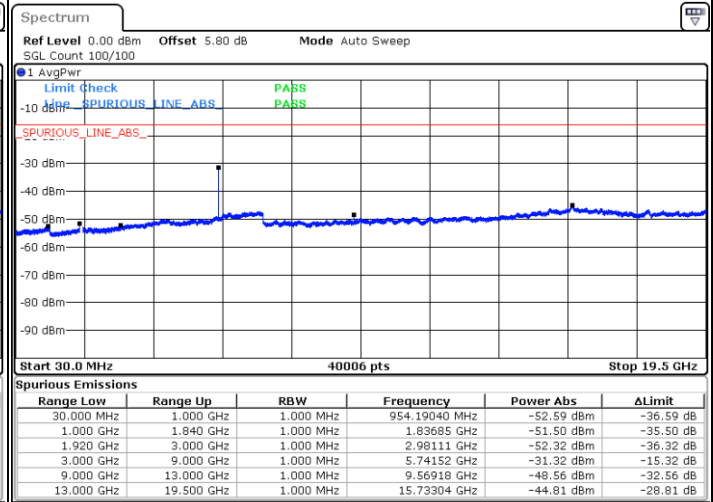
LTE Band 25 / 1.4MHz

Highest Channel / QPSK



Date: 10 DEC 2019 05:06:56

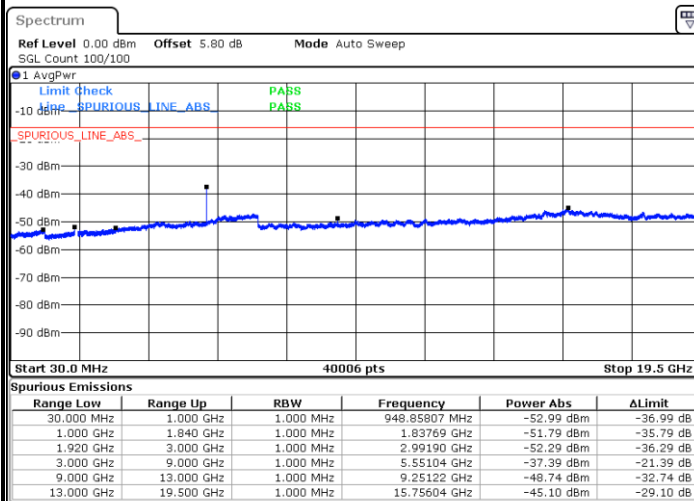
Highest Channel / 16QAM



Date: 10 DEC 2019 05:07:53

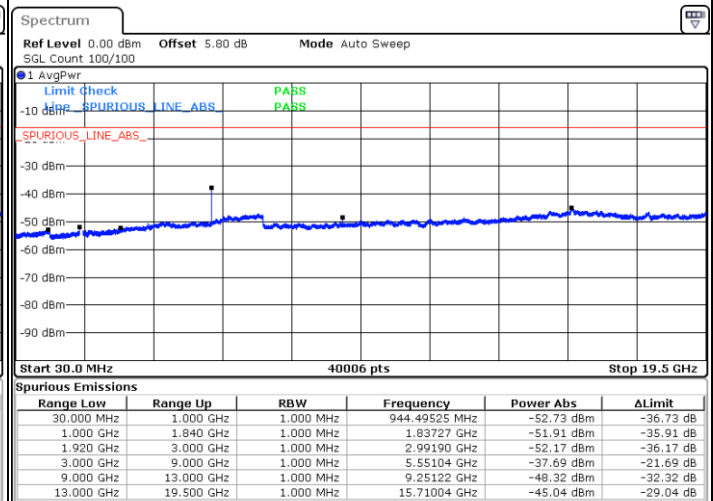
LTE Band 25 / 3MHz

Lowest Channel / QPSK



Date: 10 DEC 2019 05:22:41

Lowest Channel / 16QAM

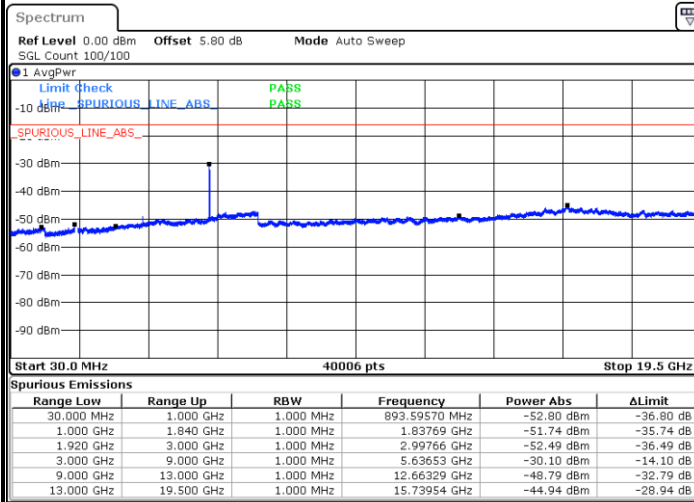


Date: 10 DEC 2019 05:23:24



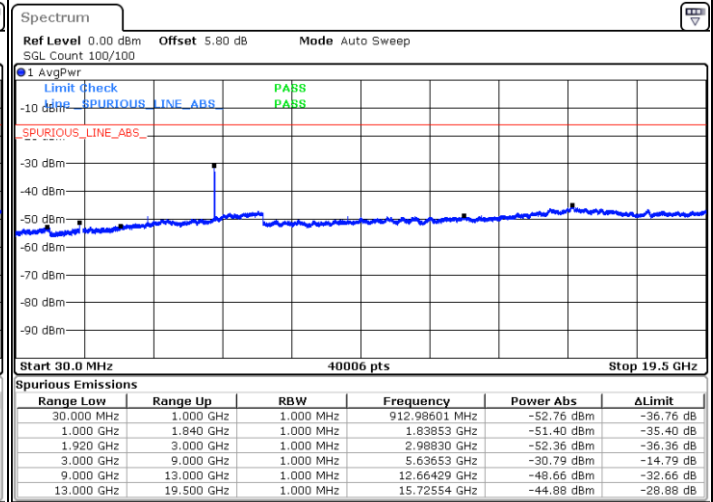
LTE Band 25 / 3MHz

Middle Channel / QPSK



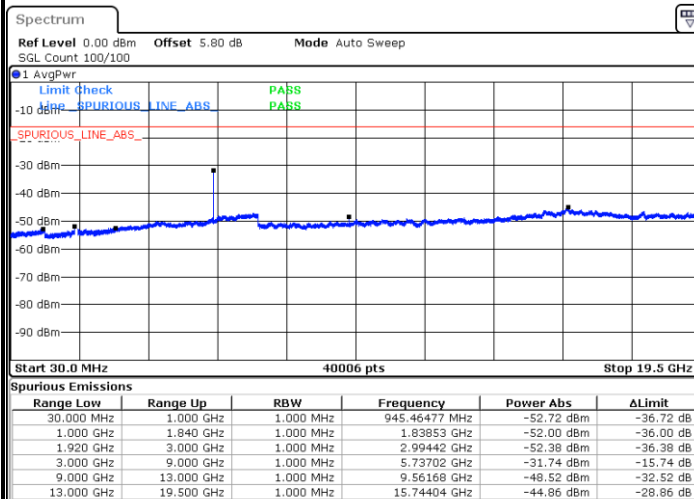
Date: 10 DEC 2019 05:27:14

Middle Channel / 16QAM



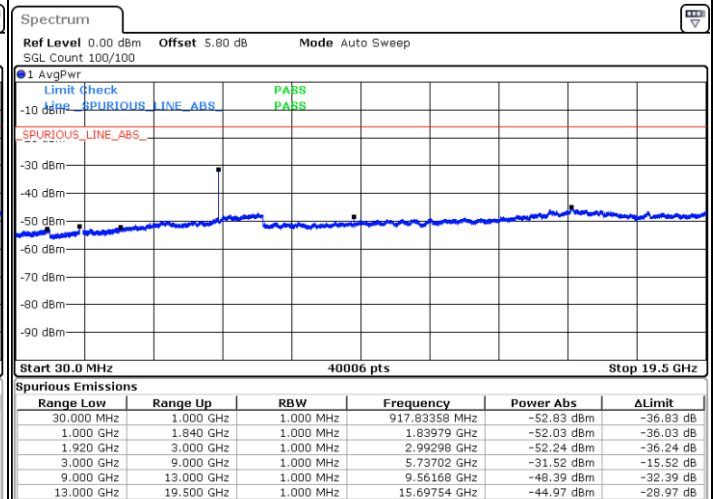
Date: 10 DEC 2019 05:27:52

Highest Channel / QPSK



Date: 10 DEC 2019 05:30:59

Highest Channel / 16QAM

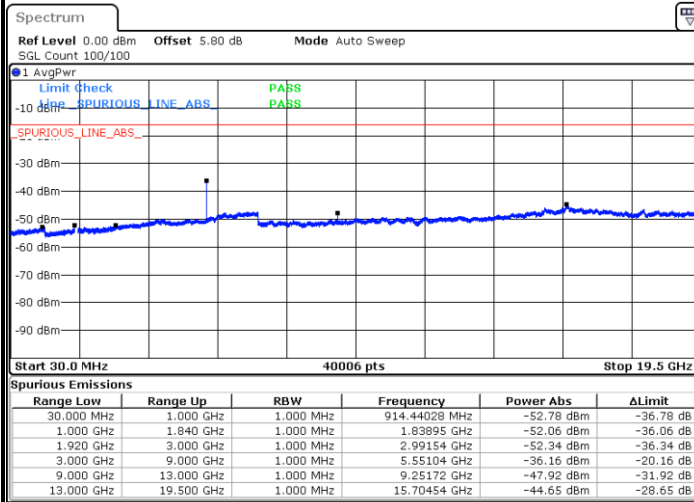


Date: 10 DEC 2019 05:31:47



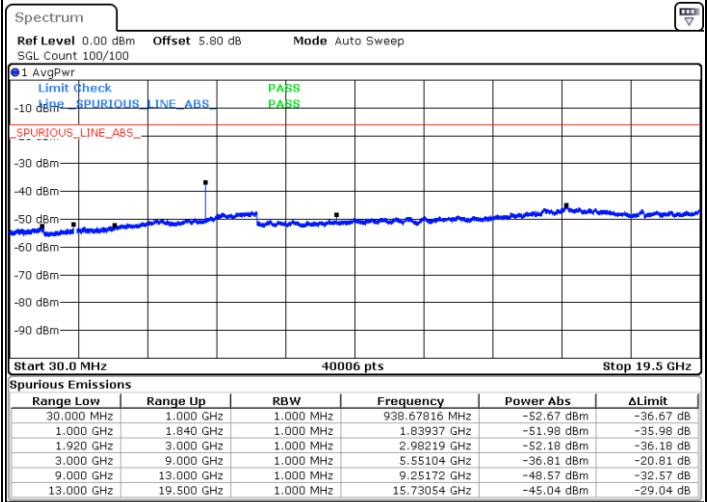
LTE Band 25 / 5MHz

Lowest Channel / QPSK



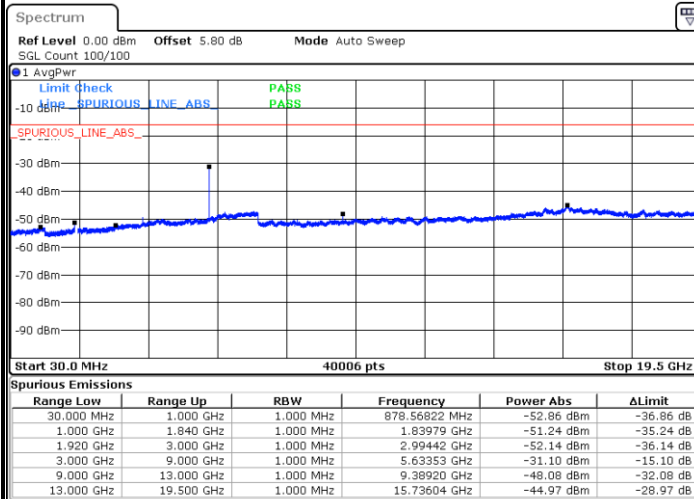
Date: 10 DEC 2019 05:35:14

Lowest Channel / 16QAM



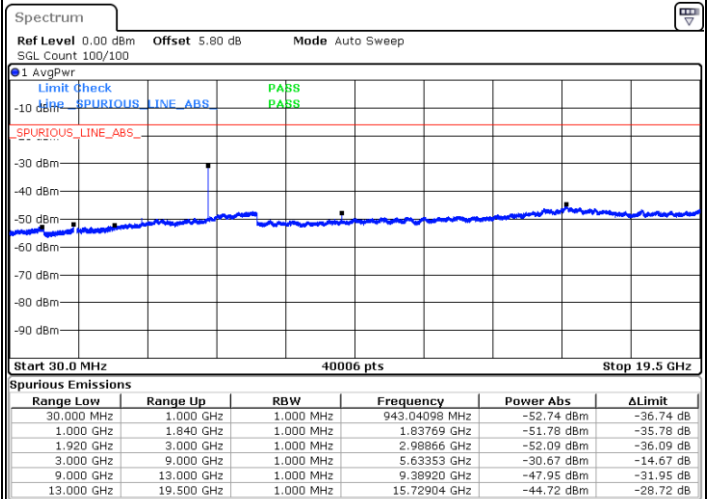
Date: 10 DEC 2019 05:35:54

Middle Channel / QPSK



Date: 10 DEC 2019 05:38:58

Middle Channel / 16QAM

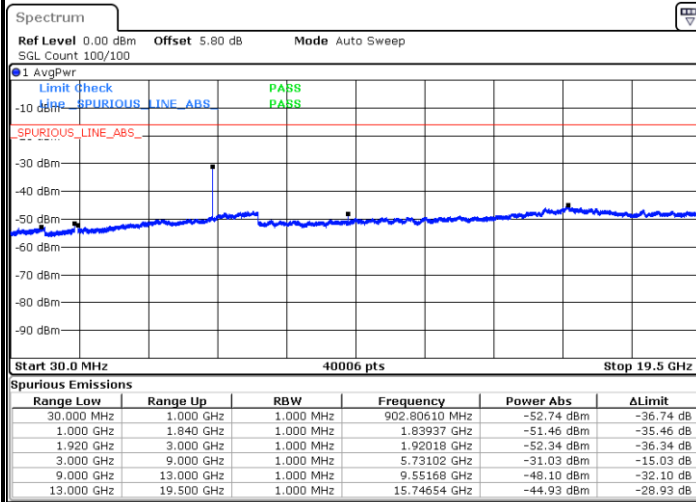


Date: 10 DEC 2019 05:39:40



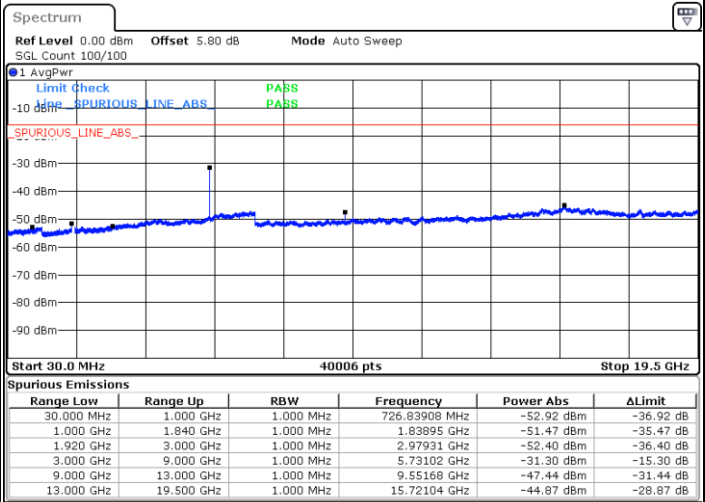
LTE Band 25 / 5MHz

Highest Channel / QPSK



Date: 10 DEC 2019 05:42:47

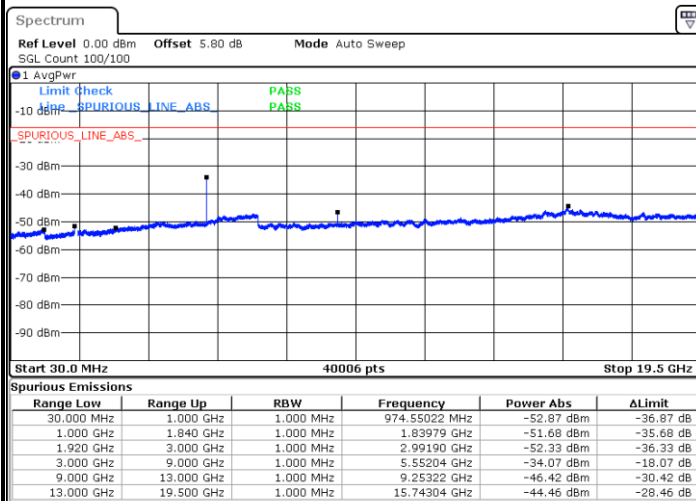
Highest Channel / 16QAM



Date: 10 DEC 2019 05:43:29

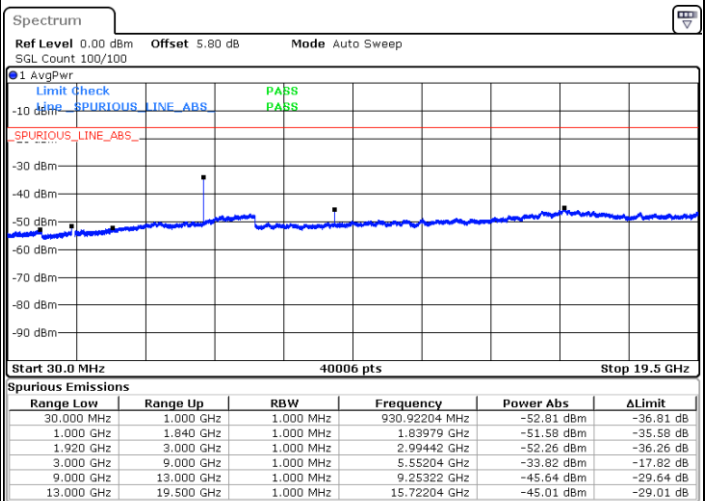
LTE Band 25 / 10MHz

Lowest Channel / QPSK



Date: 10 DEC 2019 05:49:11

Lowest Channel / 16QAM

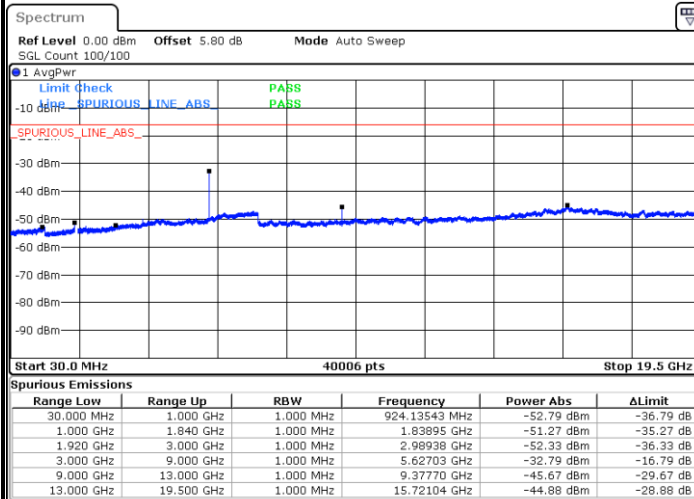


Date: 10 DEC 2019 05:49:51



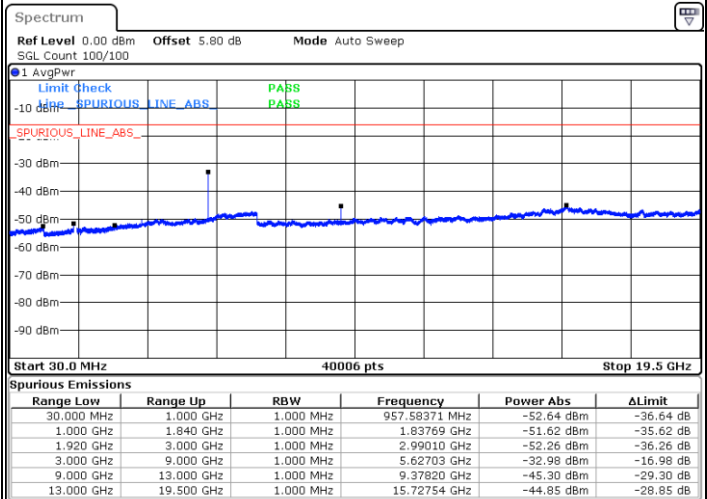
LTE Band 25 / 10MHz

Middle Channel / QPSK



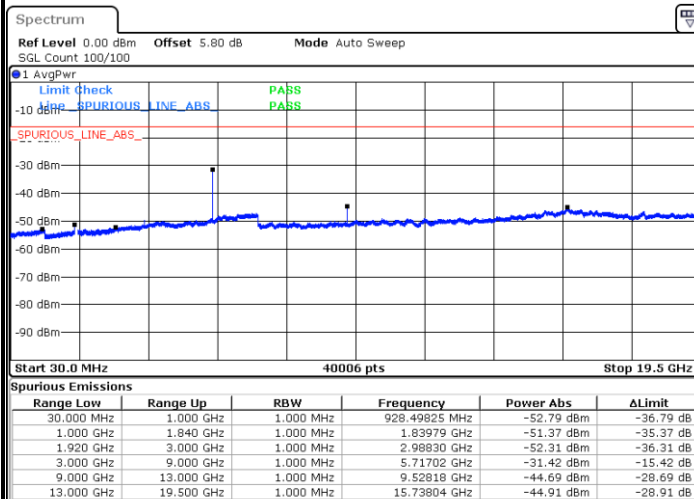
Date: 10 DEC 2019 05:53:31

Middle Channel / 16QAM



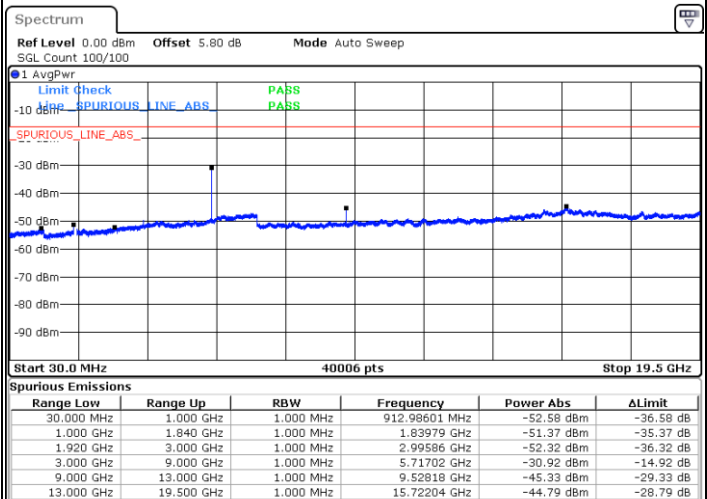
Date: 10 DEC 2019 05:54:07

Highest Channel / QPSK



Date: 10 DEC 2019 05:58:03

Highest Channel / 16QAM

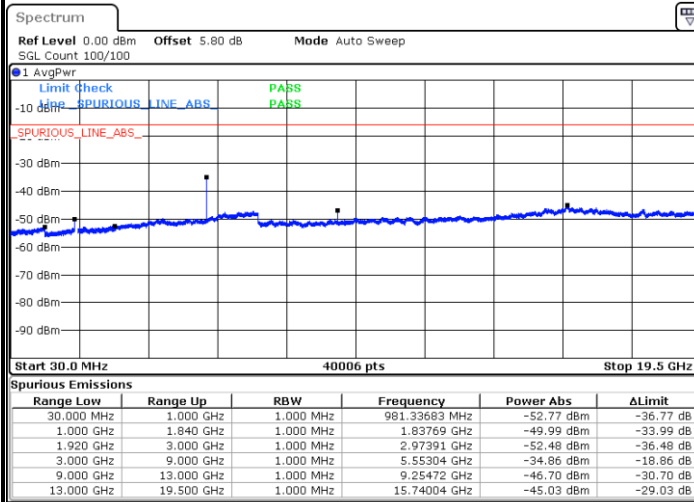


Date: 10 DEC 2019 05:58:37



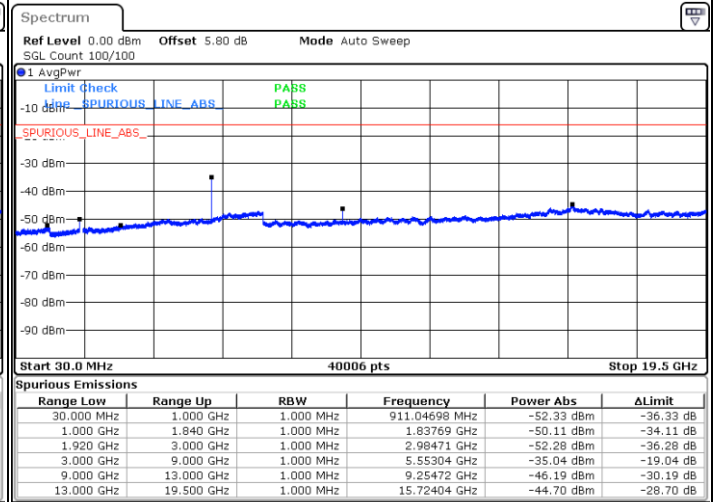
LTE Band 25 / 15MHz

Lowest Channel / QPSK



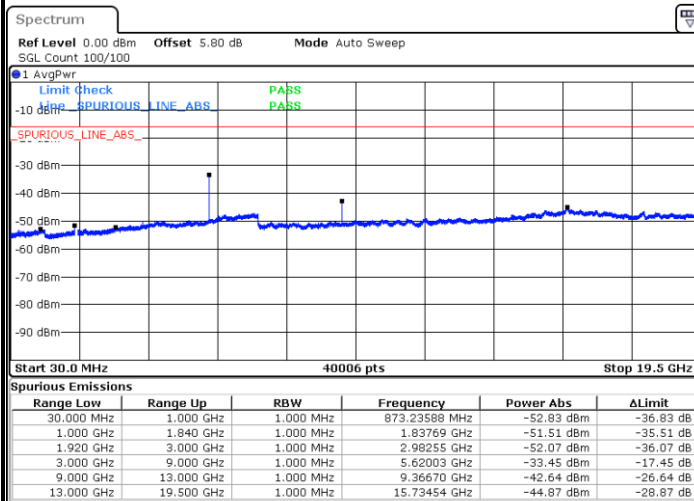
Date: 10 DEC 2019 06:39:33

Lowest Channel / 16QAM



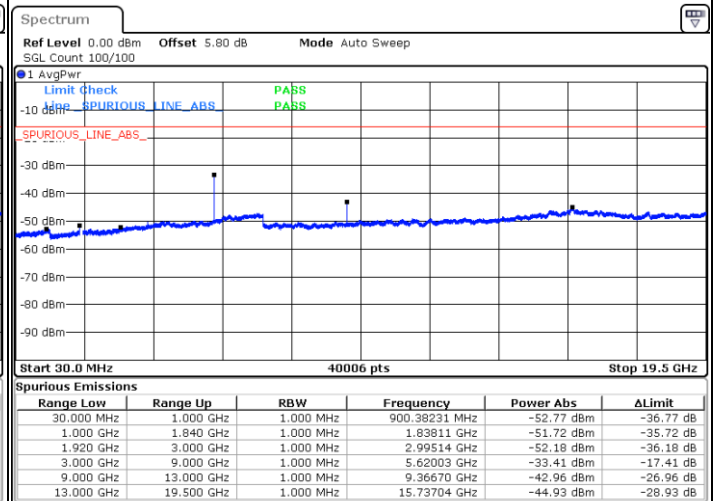
Date: 10 DEC 2019 06:40:42

Middle Channel / QPSK



Date: 10 DEC 2019 06:43:50

Middle Channel / 16QAM

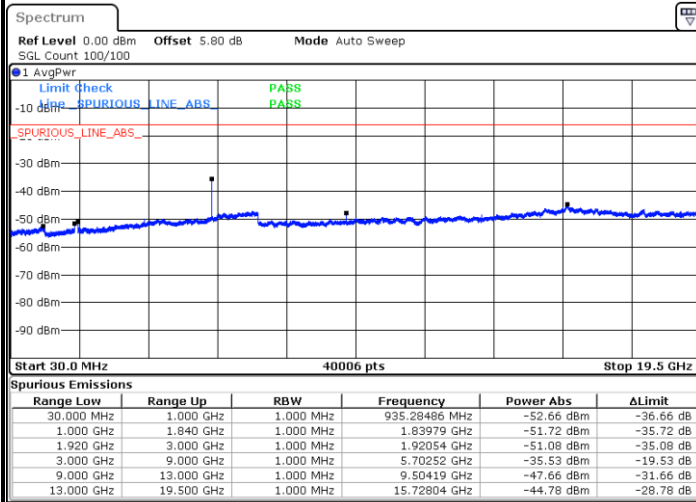


Date: 10 DEC 2019 06:44:28



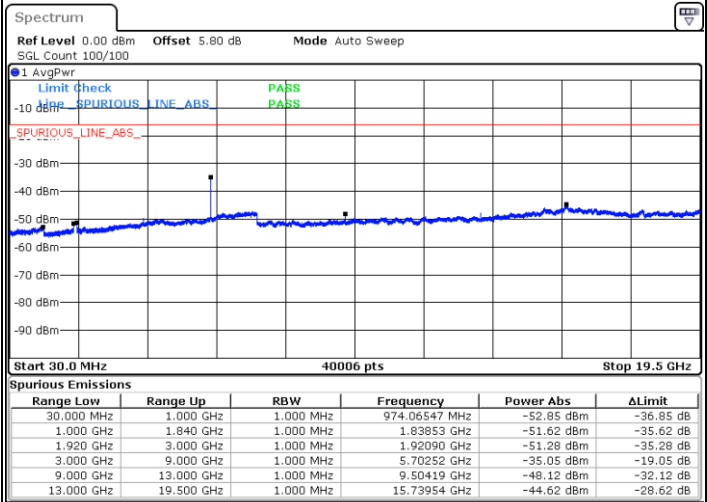
LTE Band 25 / 15MHz

Highest Channel / QPSK



Date: 10 DEC 2019 06:46:54

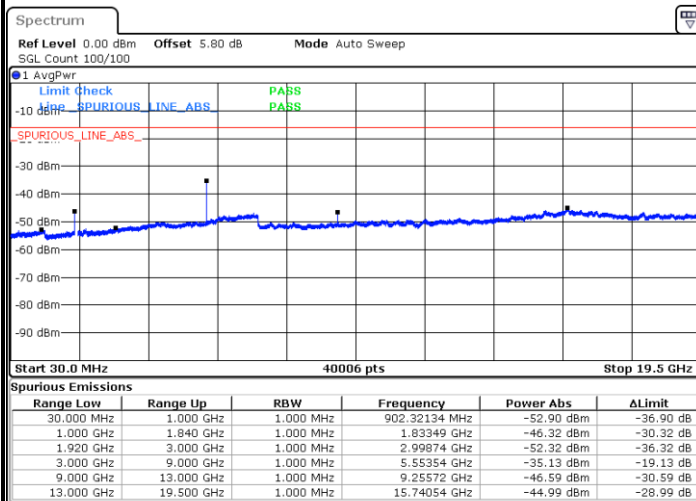
Highest Channel / 16QAM



Date: 10 DEC 2019 06:47:31

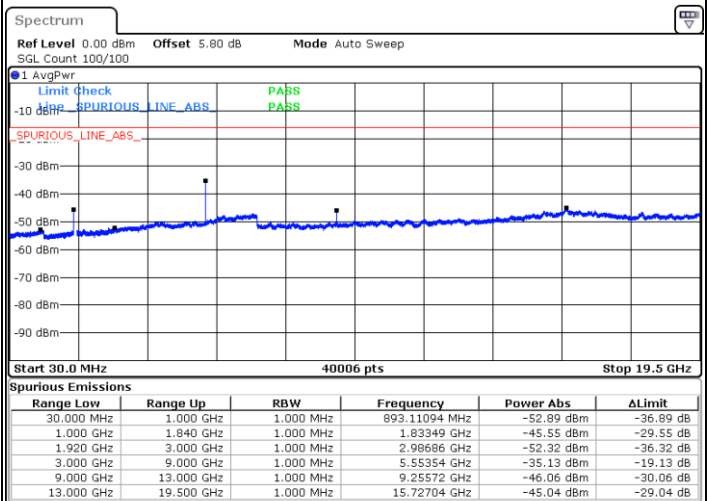
LTE Band 25 / 20MHz

Lowest Channel / QPSK



Date: 10 DEC 2019 06:51:50

Lowest Channel / 16QAM

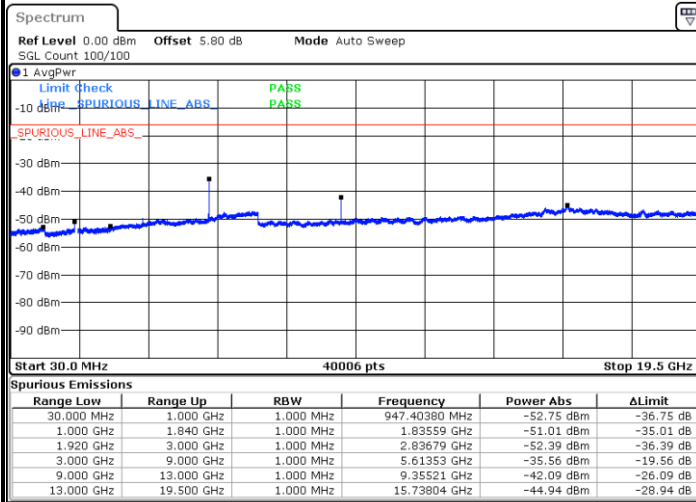


Date: 10 DEC 2019 06:52:35



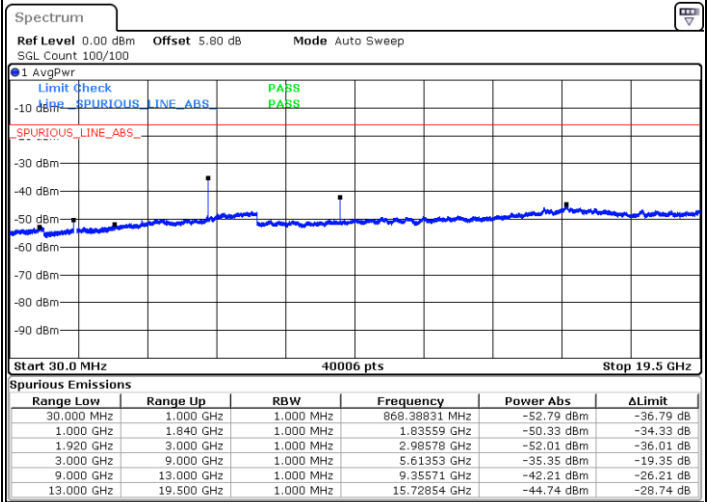
LTE Band 25 / 20MHz

Middle Channel / QPSK



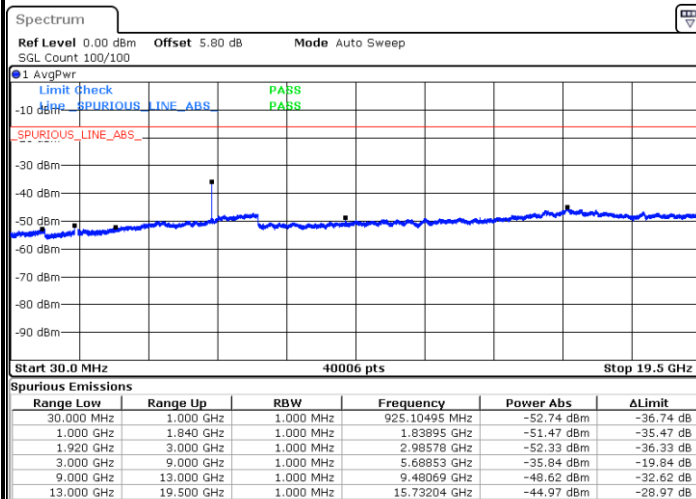
Date: 10 DEC 2019 06:55:54

Middle Channel / 16QAM



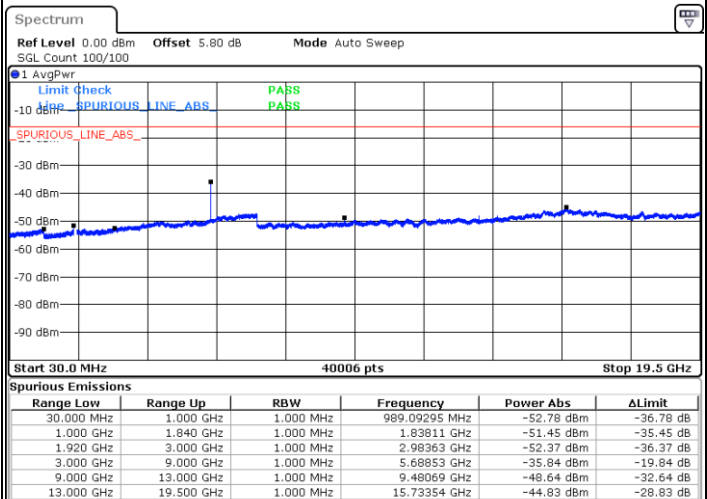
Date: 10 DEC 2019 06:56:43

Highest Channel / QPSK



Date: 10 DEC 2019 07:00:29

Highest Channel / 16QAM

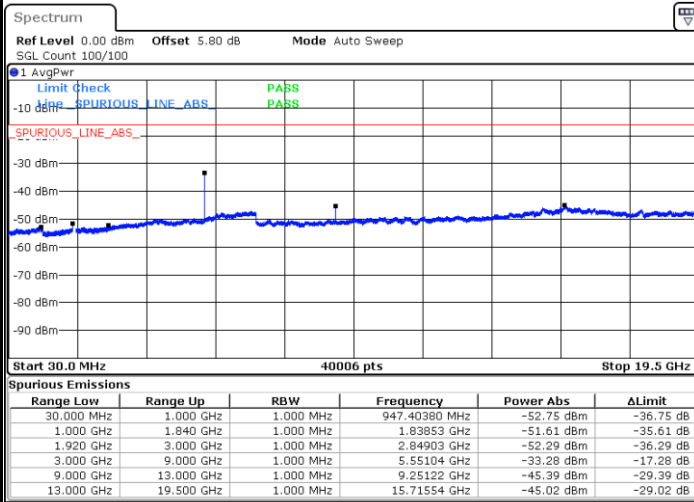


Date: 10 DEC 2019 07:05:29



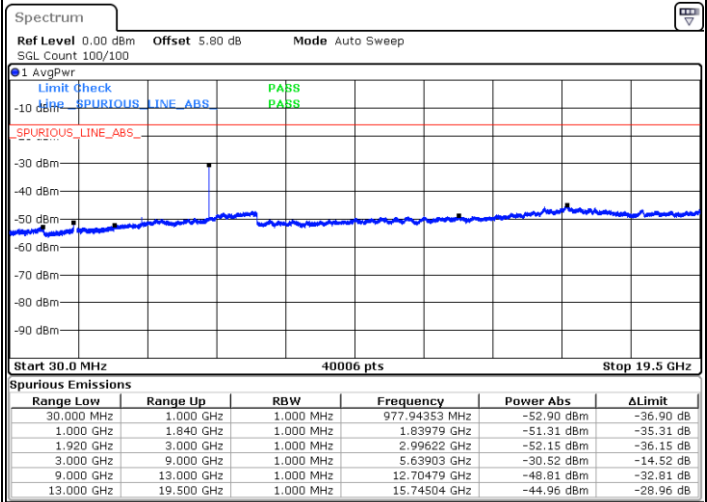
LTE Band 25 / 1.4MHz

Lowest Channel / 64QAM



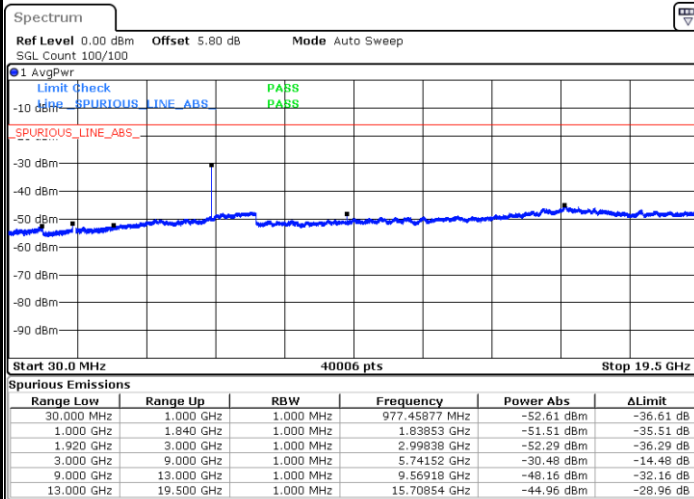
Date: 10 DEC 2019 04:55:32

Middle Channel / 64QAM



Date: 10 DEC 2019 05:01:37

Highest Channel / 64QAM

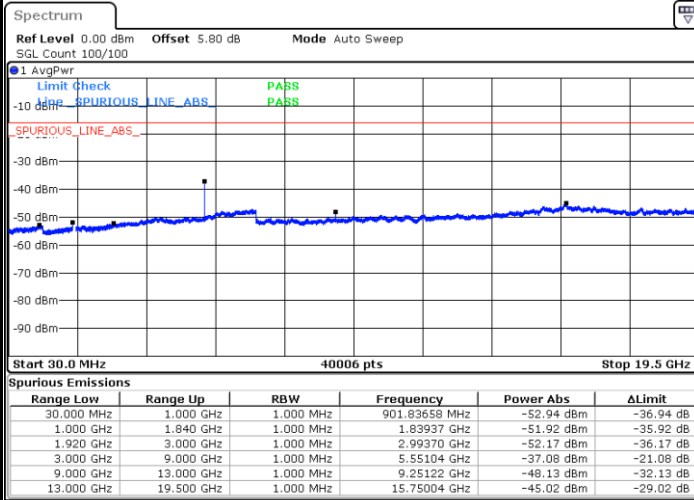


Date: 10 DEC 2019 05:18:54



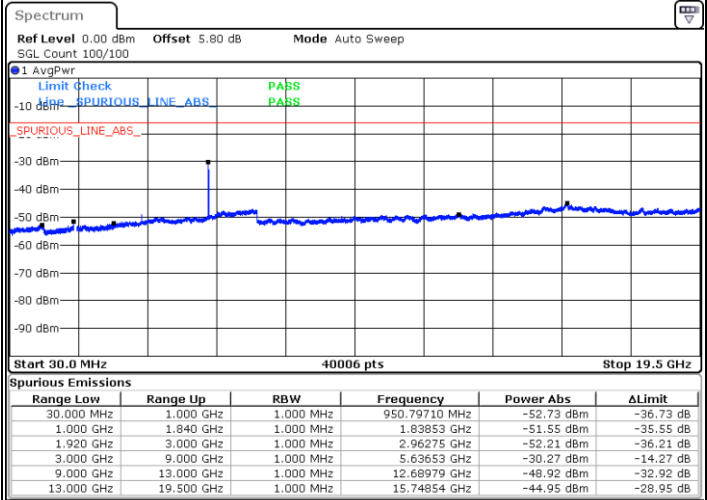
LTE Band 25 / 3MHz

Lowest Channel / 64QAM



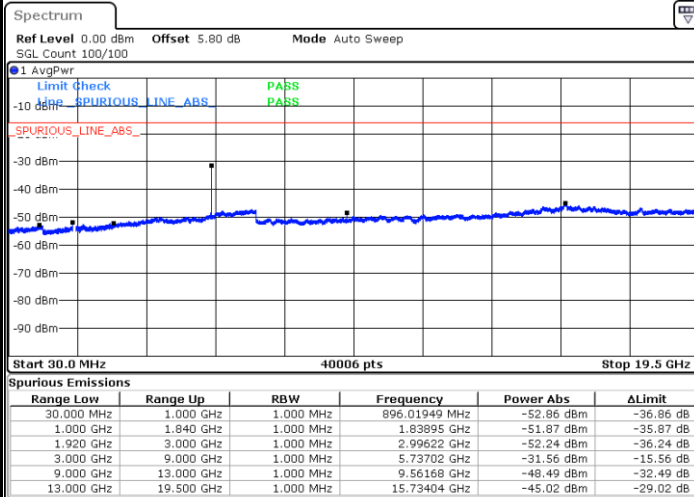
Date: 10 DEC 2019 05:24:10

Middle Channel / 64QAM



Date: 10 DEC 2019 05:28:33

Highest Channel / 64QAM

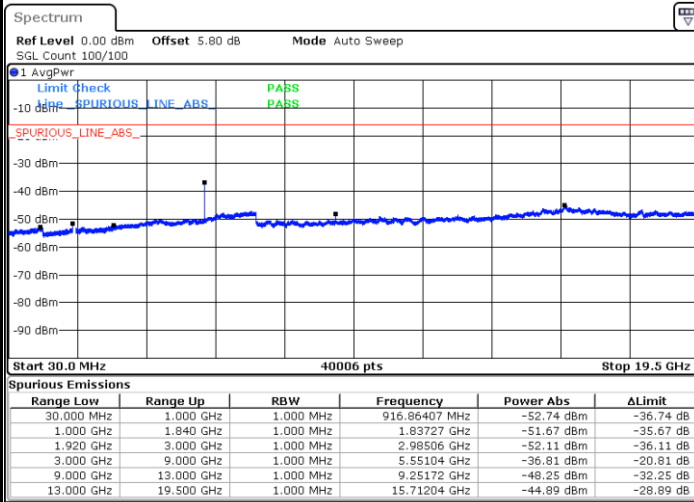


Date: 10 DEC 2019 05:32:33



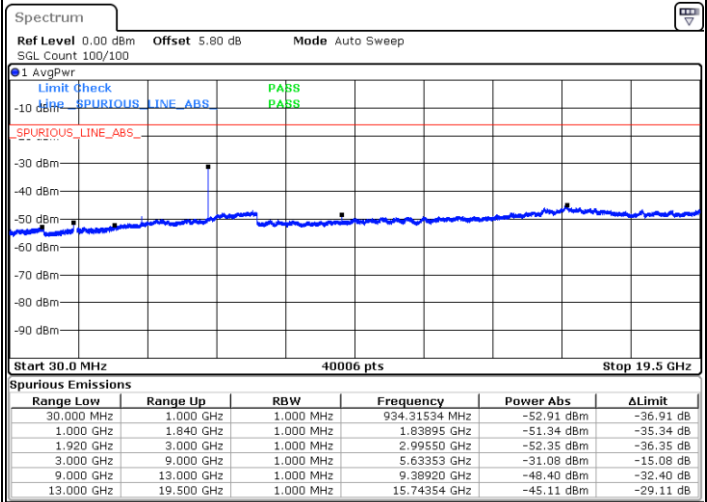
LTE Band 25 / 5MHz

Lowest Channel / 64QAM



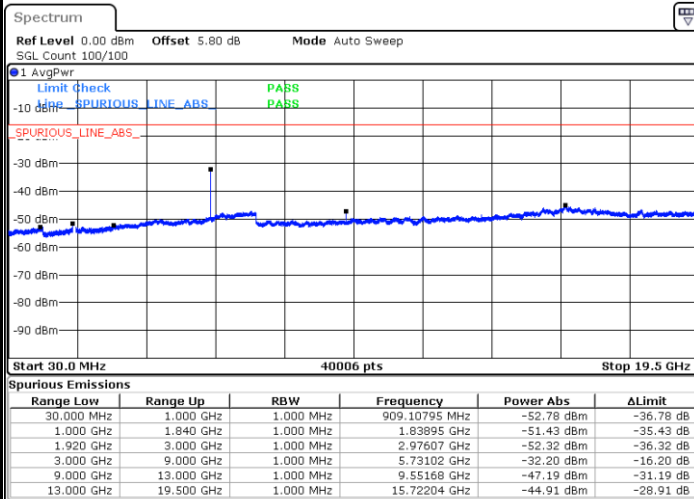
Date: 10 DEC 2019 05:36:35

Middle Channel / 64QAM



Date: 10 DEC 2019 05:40:30

Highest Channel / 64QAM

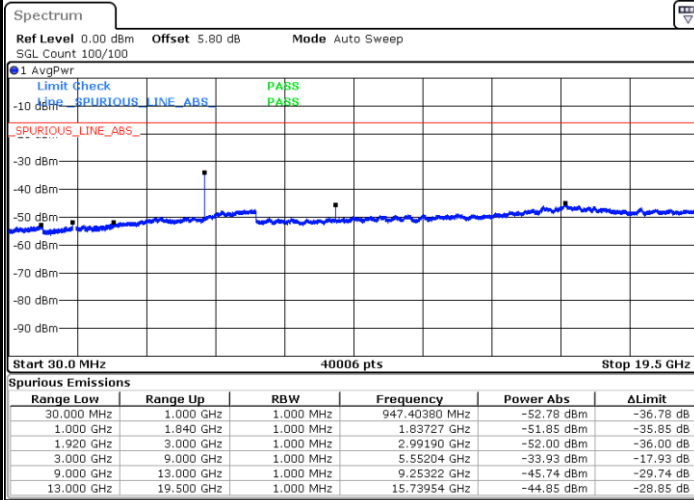


Date: 10 DEC 2019 05:46:38



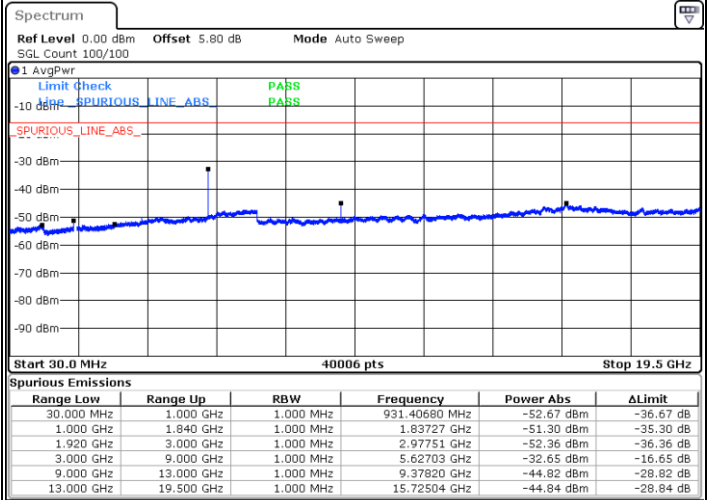
LTE Band 25 / 10MHz

Lowest Channel / 64QAM



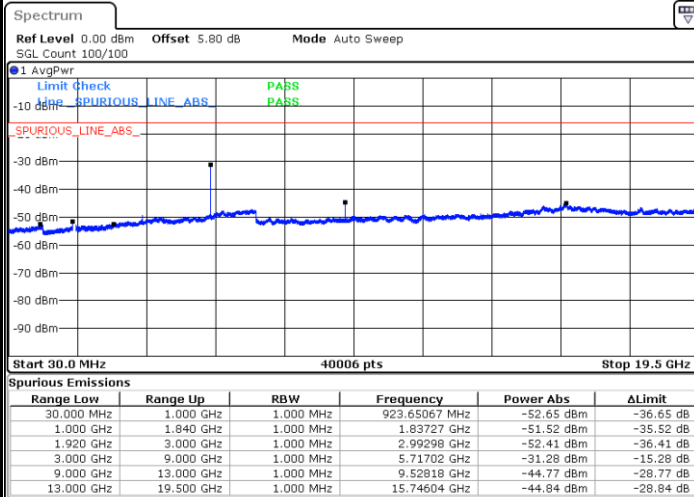
Date: 10 DEC 2019 05:50:32

Middle Channel / 64QAM



Date: 10 DEC 2019 05:55:40

Highest Channel / 64QAM

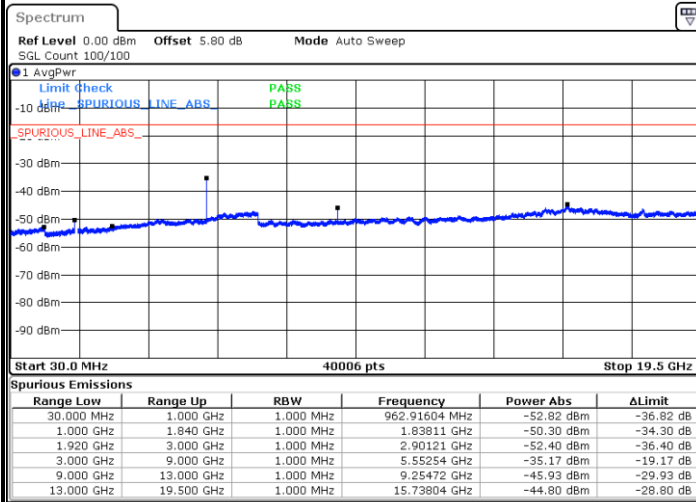


Date: 10 DEC 2019 05:59:17



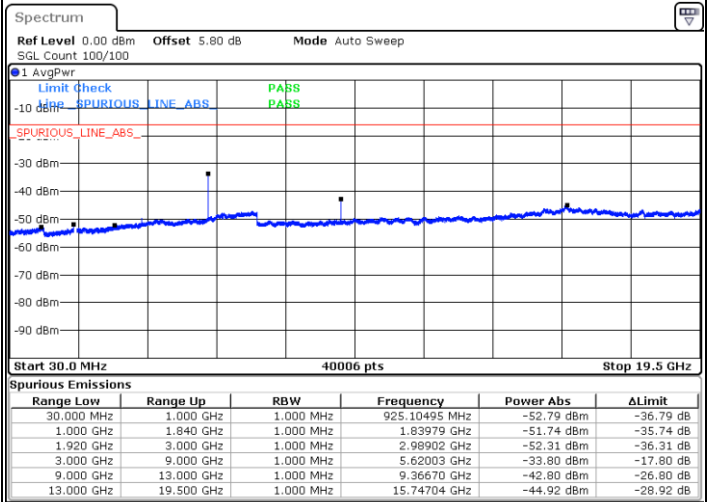
LTE Band 25 / 15MHz

Lowest Channel / 64QAM



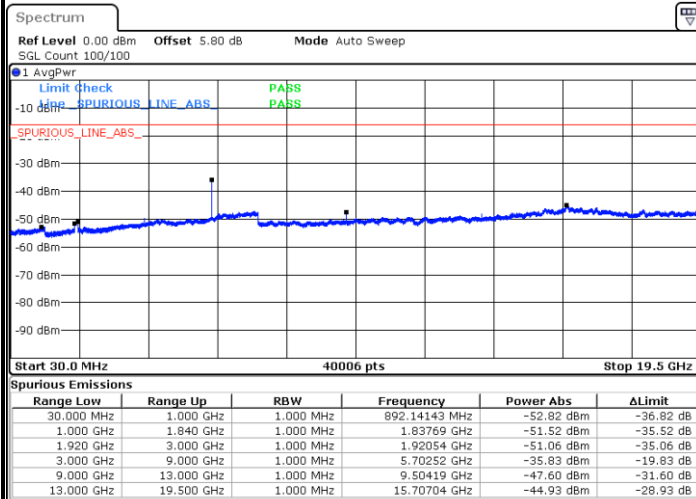
Date: 10 DEC 2019 06:41:29

Middle Channel / 64QAM



Date: 10 DEC 2019 06:45:04

Highest Channel / 64QAM

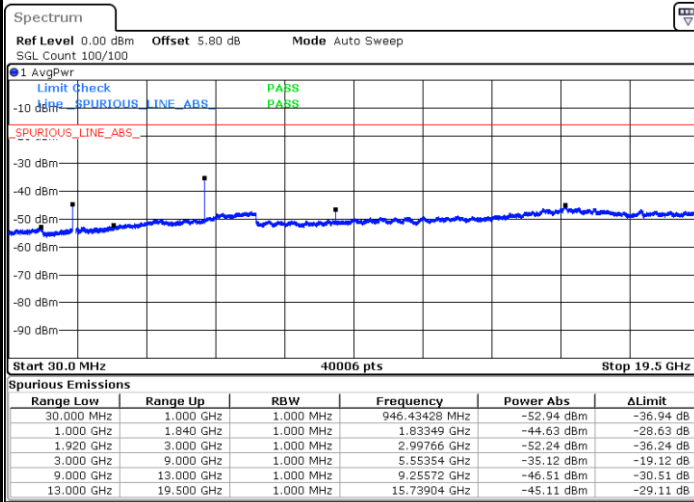


Date: 10 DEC 2019 06:48:25



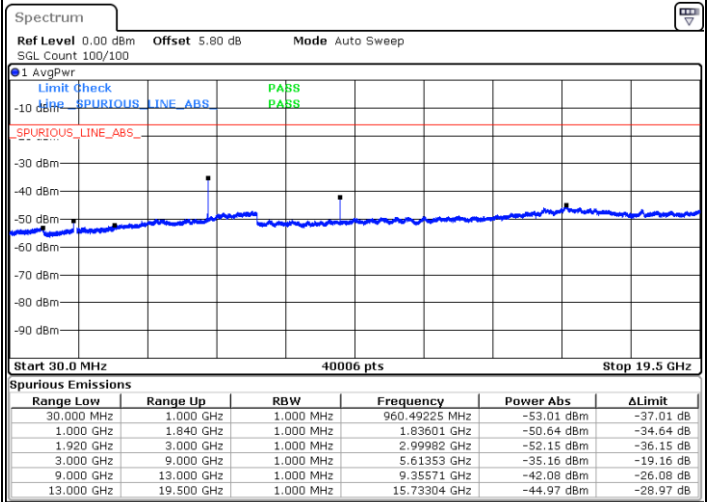
LTE Band 25 / 20MHz

Lowest Channel / 64QAM



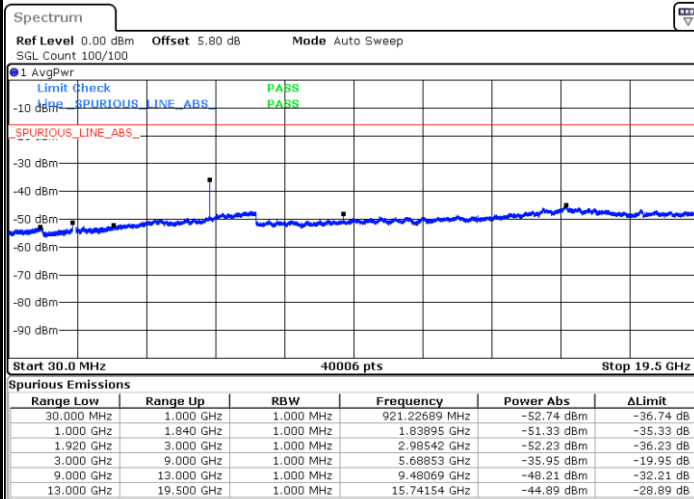
Date: 10 DEC 2019 06:53:21

Middle Channel / 64QAM



Date: 10 DEC 2019 06:57:28

Highest Channel / 64QAM



Date: 10 DEC 2019 07:04:45

**A.2.7 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	0.0023	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0031	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =120 V. ; Battery End Point (BEP) =90 V. ; Maximum Voltage =264 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0031	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =120 V. ; Battery End Point (BEP) =90 V. ; Maximum Voltage =264 V.
2. 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	0.0021	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0020	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =120 V. ; Battery End Point (BEP) =90 V. ; Maximum Voltage =264 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



A.3 MIMO Antenna 2

A.3.1 Conducted Output Power(Average power)

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
20	1	0	QPSK	14.23	16.21	16.23
20	1	99		16.61	16.33	16.18
20	18	0		14.29	16.25	16.55
20	18	82		16.22	15.78	15.60
20	100	0		15.78	16.22	16.11
20	1	0	16-QAM	14.05	16.11	16.12
20	1	99		16.42	16.21	16.05
20	18	0		14.18	16.18	16.45
20	18	82		16.22	15.75	15.62
20	100	0		15.82	16.11	15.93
20	1	0	64-QAM	14.15	16.22	16.11
20	1	99		16.65	16.18	16.18
20	18	0		14.25	16.45	16.45
20	18	82		16.14	15.72	15.42
20	100	0		15.72	16.15	16.11
15	1	0	QPSK	14.22	16.85	16.55
15	1	74		16.23	16.18	16.03
15	16	0		14.02	16.48	16.22
15	16	59		16.18	16.13	16.08
15	75	0		15.11	16.12	15.85
15	1	0	16-QAM	14.23	16.48	16.18
15	1	74		16.01	16.25	15.88
15	16	0		14.05	16.42	16.23
15	16	59		15.75	16.22	16.11
15	75	0		15.11	16.25	15.82
15	1	0	64-QAM	14.25	16.12	16.45
15	1	74		16.12	16.11	16.01
15	16	0		14.01	13.45	16.02
15	16	59		15.72	15.62	15.98
15	75	0		15.03	14.98	15.82



LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
10	1	0	QPSK	13.88	16.02	15.96
10	1	49		16.01	16.11	16.02
10	12	0		14.02	16.45	16.11
10	12	38		15.75	16.22	15.70
10	50	0		15.02	16.18	15.80
10	1	0	16-QAM	13.82	16.68	15.55
10	1	49		15.92	16.48	18.82
10	12	0		14.11	16.42	16.01
10	12	38		15.75	16.33	15.62
10	50	0		15.05	16.15	15.66
10	1	0	64-QAM	14.02	16.75	15.82
10	1	49		16.11	16.22	16.01
10	12	0		14.05	16.35	15.98
10	12	38		15.72	16.15	15.53
10	50	0		15.03	16.08	15.82
5	1	0	QPSK	13.75	16.28	15.82
5	1	24		15.52	15.11	15.42
5	8	0		14.11	16.68	16.11
5	8	17		15.01	15.61	15.42
5	25	0		13.22	16.82	15.71
5	1	0	16-QAM	13.48	16.02	15.66
5	1	24		15.55	15.02	15.21
5	8	0		14.01	16.71	16.02
5	8	17		14.75	15.58	15.41
5	25	0		14.18	15.96	15.65
5	1	0	64-QAM	13.78	16.11	15.75
5	1	24		15.52	15.12	15.22
5	8	0		14.12	16.65	16.02
5	8	17		15.02	15.78	15.55
5	25	0		14.18	15.89	15.62



LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
3	1	0	QPSK	14.52	16.75	15.41
3	1	14		14.25	15.82	16.11
3	15	0		14.46	16.21	15.38
3	1	0	16-QAM	14.55	16.52	15.01
3	1	14		14.25	15.58	15.11
3	15	0		14.38	16.22	15.48
3	1	0	64-QAM	14.52	16.55	15.25
3	1	14		14.41	15.82	16.15
3	15	0		14.42	16.18	15.45
1.4	1	0	QPSK	14.22	16.75	15.85
1.4	1	5		14.32	16.42	15.74
1.4	6	0		14.15	16.68	15.82
1.4	1	0	16-QAM	14.11	15.95	15.58
1.4	1	5		14.24	13.22	15.85
1.4	6	0		14.12	16.18	15.77
1.4	1	0	64-QAM	14.85	16.10	15.82
1.4	1	5		14.35	16.25	15.85
1.4	6	0		14.11	16.23	15.75



LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
20	1	0	QPSK	14.36	16.32	16.36
20	1	99		16.65	16.39	16.35
20	18	0		14.39	16.43	16.65
20	18	82		16.26	15.85	15.68
20	100	0		15.85	16.32	16.21
20	1	0	16-QAM	14.16	16.21	16.23
20	1	99		16.52	16.30	16.15
20	18	0		14.32	16.35	16.66
20	18	82		16.31	15.86	15.76
20	100	0		15.86	16.25	16.05
20	1	0	64-QAM	14.26	16.34	16.33
20	1	99		16.75	16.32	16.41
20	18	0		14.39	16.52	16.62
20	18	82		16.25	15.85	15.63
20	100	0		15.85	16.31	16.19
15	1	0	QPSK	14.36	16.96	16.66
15	1	74		16.32	16.35	16.16
15	16	0		14.12	16.56	16.32
15	16	59		16.35	16.33	16.15
15	75	0		15.21	16.25	15.98
15	1	0	16-QAM	14.36	16.52	16.33
15	1	74		16.06	16.32	15.96
15	16	0		14.12	16.53	16.36
15	16	59		15.85	16.36	16.21
15	75	0		15.16	16.38	15.94
15	1	0	64-QAM	14.42	16.35	16.56
15	1	74		16.21	16.25	16.12
15	16	0		14.09	13.65	16.19
15	16	59		15.85	15.75	16.06
15	75	0		15.16	15.06	15.98



LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
10	1	0	QPSK	13.96	16.15	16.03
10	1	49		16.13	16.21	16.12
10	12	0		14.12	16.56	16.21
10	12	38		15.86	16.33	15.75
10	50	0		15.19	16.29	15.92
10	1	0	16-QAM	13.96	16.75	15.65
10	1	49		16.03	16.56	18.96
10	12	0		14.21	16.52	16.12
10	12	38		15.86	16.36	15.73
10	50	0		15.16	16.25	15.88
10	1	0	64-QAM	14.12	16.86	15.96
10	1	49		16.21	16.36	16.15
10	12	0		14.15	16.54	16.12
10	12	38		15.86	16.33	15.65
10	50	0		15.16	16.26	15.96
5	1	0	QPSK	13.89	16.32	15.95
5	1	24		15.56	15.16	15.53
5	8	0		14.21	16.75	16.21
5	8	17		15.06	15.69	15.56
5	25	0		13.36	16.92	15.78
5	1	0	16-QAM	13.65	16.09	15.77
5	1	24		15.63	15.09	15.26
5	8	0		14.06	16.75	16.12
5	8	17		14.89	15.63	15.52
5	25	0		14.26	16.04	15.73
5	1	0	64-QAM	13.89	16.25	15.86
5	1	24		15.65	15.21	15.36
5	8	0		14.21	16.75	16.18
5	8	17		15.12	15.86	15.65
5	25	0		14.31	16.03	15.75



LTE Band 25 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
3	1	0	QPSK	14.65	16.85	15.52
3	1	14		14.39	15.89	16.26
3	15	0		14.56	16.36	15.53
3	1	0	16-QAM	14.65	16.65	15.06
3	1	14		14.38	15.63	15.21
3	15	0		14.52	16.35	15.62
3	1	0	64-QAM	14.65	16.68	15.39
3	1	14		14.52	15.96	16.32
3	15	0		14.53	16.32	15.62
1.4	1	0	QPSK	14.32	16.85	15.96
1.4	1	5		14.42	16.56	15.86
1.4	6	0		14.21	16.77	15.98
1.4	1	0	16-QAM	14.26	16.06	15.65
1.4	1	5		14.39	13.33	15.93
1.4	6	0		14.25	16.25	15.85
1.4	1	0	64-QAM	14.96	16.21	15.95
1.4	1	5		14.52	16.39	15.97
1.4	6	0		14.21	16.35	15.88



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
20	1	0	QPSK	12.44	13.85	13.74
20	1	99		14.21	13.77	13.67
20	18	0		13.15	14.14	13.42
20	18	82		14.15	14.52	13.59
20	100	0		13.94	13.77	13.67
20	1	0	16-QAM	12.46	13.82	13.75
20	1	99		14.28	13.71	13.68
20	18	0		13.19	14.12	13.45
20	18	82		14.17	14.55	13.51
20	100	0		13.90	13.79	13.62
20	1	0	64-QAM	12.37	13.74	13.66
20	1	99		14.18	13.66	13.54
20	18	0		13.07	14.05	13.38
20	18	82		14.08	14.49	13.44
20	100	0		13.87	13.67	13.51
15	1	0	QPSK	10.68	14.34	13.77
15	1	74		13.25	14.08	14.15
15	16	0		12.98	13.86	13.41
15	16	59		13.91	13.84	14.13
15	75	0		13.84	14.01	14.07
15	1	0	16-QAM	10.77	14.38	13.75
15	1	74		13.20	14.12	14.11
15	16	0		12.92	13.84	13.45
15	16	59		13.95	13.81	14.10
15	75	0		13.83	14.06	14.02
15	1	0	64-QAM	10.85	14.27	13.66
15	1	74		13.14	14.05	14.03
15	16	0		12.82	13.74	13.38
15	16	59		13.81	13.73	14.05
15	75	0		13.77	14.15	14.15



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
10	1	0	QPSK	11.05	12.95	13.01
10	1	49		10.95	12.77	12.51
10	12	0		12.33	14.05	14.32
10	12	38		14.53	13.62	14.25
10	50	0		13.32	13.75	14.02
10	1	0	16-QAM	11.03	12.91	13.05
10	1	49		10.91	12.73	12.54
10	12	0		12.30	14.01	14.35
10	12	38		14.55	13.60	14.28
10	50	0		13.35	13.77	14.06
10	1	0	64-QAM	11.52	12.85	13.12
10	1	49		10.87	12.67	12.47
10	12	0		12.28	13.95	14.27
10	12	38		14.42	13.47	14.18
10	50	0		13.28	13.67	14.19
5	1	0	QPSK	11.10	12.64	13.09
5	1	24		11.98	12.53	12.87
5	8	0		12.46	14.17	14.03
5	8	17		12.84	14.08	13.95
5	25	0		12.33	13.59	13.77
5	1	0	16-QAM	11.14	12.62	13.05
5	1	24		11.93	12.51	12.84
5	8	0		12.41	14.14	14.01
5	8	17		12.80	14.02	13.92
5	25	0		12.31	13.54	13.73
5	1	0	64-QAM	11.05	12.55	13.01
5	1	24		11.85	12.44	12.77
5	8	0		12.33	14.07	14.12
5	8	17		12.74	13.89	13.77
5	25	0		12.25	13.42	13.68



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
3	1	0	QPSK	11.71	13.59	13.32
3	1	14		11.64	13.02	13.42
3	15	0		12.11	14.06	14.03
3	1	0	16-QAM	11.73	13.57	13.35
3	1	14		11.65	13.04	13.43
3	15	0		12.18	14.11	14.01
3	1	0	64-QAM	11.69	13.45	13.22
3	1	14		11.58	12.97	13.38
3	15	0		12.09	14.02	14.09
1.4	1	0	QPSK	12.02	13.42	13.89
1.4	1	5		12.03	13.47	13.92
1.4	6	0		12.01	13.38	13.83
1.4	1	0	16-QAM	12.08	13.48	13.85
1.4	1	5		12.06	13.41	13.97
1.4	6	0		12.05	13.34	13.80
1.4	1	0	64-QAM	12.01	13.41	13.77
1.4	1	5		12.02	13.34	13.89
1.4	6	0		12.03	13.28	13.74



LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
20	1	0	QPSK	13.56	14.43	13.82
20	1	99		13.86	14.52	13.63
20	18	0		13.85	14.42	13.56
20	18	82		13.63	14.36	13.62
20	100	0		13.66	14.21	13.85
20	1	0	16-QAM	13.55	14.21	13.85
20	1	99		13.86	14.42	13.36
20	18	0		13.85	14.26	13.52
20	18	82		13.69	14.26	13.26
20	100	0		13.82	14.52	13.63
20	1	0	64-QAM	13.63	14.26	13.78
20	1	99		13.96	14.39	13.36
20	18	0		13.78	14.28	13.62
20	18	82		13.62	14.26	13.26
20	100	0		13.59	14.23	13.72
15	1	0	QPSK	13.65	14.36	13.85
15	1	74		13.85	14.26	13.65
15	16	0		13.53	13.95	13.62
15	16	59		13.96	13.65	14.53
15	75	0		13.88	14.56	14.56
15	1	0	16-QAM	13.39	14.52	13.78
15	1	74		13.65	14.52	13.52
15	16	0		13.23	14.31	13.32
15	16	59		13.98	14.52	13.41
15	75	0		13.95	14.21	13.85
15	1	0	64-QAM	13.42	14.21	13.43
15	1	74		13.75	13.36	13.39
15	16	0		13.36	14.06	13.19
15	16	59		13.95	14.35	13.72
15	75	0		13.85	14.12	13.85



LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
10	1	0	QPSK	13.63	14.51	14.13
10	1	49		13.86	14.36	13.56
10	12	0		13.36	14.52	15.03
10	12	38		13.76	14.05	13.62
10	50	0		13.98	14.23	13.96
10	1	0	16-QAM	13.52	14.23	13.65
10	1	49		13.71	14.21	13.21
10	12	0		13.36	14.19	13.85
10	12	38		13.62	14.33	13.39
10	50	0		13.82	14.15	13.89
10	1	0	64-QAM	13.56	14.26	13.86
10	1	49		13.62	14.23	13.52
10	12	0		13.36	14.21	13.76
10	12	38		13.41	14.23	13.85
10	50	0		13.86	14.16	13.89
5	1	0	QPSK	13.65	14.33	13.63
5	1	24		13.82	14.16	13.75
5	8	0		14.03	14.35	14.06
5	8	17		13.89	14.19	13.86
5	25	0		13.85	14.21	13.96
5	1	0	16-QAM	13.72	14.31	13.65
5	1	24		14.03	14.06	13.63
5	8	0		14.10	14.36	14.21
5	8	17		13.99	14.06	13.45
5	25	0		13.65	14.12	13.63
5	1	0	64-QAM	13.86	14.32	13.89
5	1	24		13.89	13.99	13.56
5	8	0		13.96	14.43	13.96
5	8	17		13.98	13.95	13.52
5	25	0		13.85	14.06	13.56



LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
20	1	0	QPSK	12.33	13.78	13.72
20	1	99		14.11	13.66	13.62
20	18	0		13.05	14.05	13.41
20	18	82		14.02	14.45	13.52
20	100	0		13.85	13.66	13.62
20	1	0	16-QAM	12.41	13.72	13.65
20	1	99		14.02	13.52	13.55
20	18	0		13.01	14.01	13.34
20	18	82		14.02	14.33	13.42
20	100	0		12.69	13.40	13.51
20	1	0	64-QAM	12.22	13.65	13.52
20	1	99		14.02	13.55	13.44
20	18	0		12.98	13.95	13.22
20	18	82		13.98	14.22	13.33
20	100	0		13.77	13.55	13.45
15	1	0	QPSK	10.55	14.22	13.66
15	1	74		13.11	14.01	14.02
15	16	0		12.85	13.75	13.25
15	16	59		13.78	13.71	14.05
15	75	0		13.65	13.85	14.01
15	1	0	16-QAM	10.66	14.25	13.65
15	1	74		12.10	14.02	14.01
15	16	0		12.81	13.74	13.34
15	16	59		13.85	13.69	14.01
15	75	0		13.71	13.92	13.92
15	1	0	64-QAM	10.72	14.18	13.55
15	1	74		13.01	13.98	13.89
15	16	0		12.75	13.64	13.22
15	16	59		13.71	13.62	13.92
15	75	0		13.66	14.02	14.02



LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
10	1	0	QPSK	10.95	12.82	12.93
10	1	49		10.84	12.66	12.41
10	12	0		12.11	13.92	14.21
10	12	38		14.35	13.45	14.11
10	50	0		13.21	13.62	13.92
10	1	0	16-QAM	10.95	12.81	12.98
10	1	49		10.82	12.63	12.44
10	12	0		12.11	13.95	14.22
10	12	38		14.44	13.55	14.11
10	50	0		13.22	13.66	14.01
10	1	0	64-QAM	11.45	12.75	12.89
10	1	49		10.75	12.55	12.28
10	12	0		12.11	13.88	14.11
10	12	38		14.22	13.33	14.02
10	50	0		13.11	13.52	14.06
5	1	0	QPSK	11.02	12.52	13.01
5	1	24		11.89	12.42	12.75
5	8	0		12.33	14.06	13.95
5	8	17		12.75	14.01	13.85
5	25	0		12.11	13.45	13.66
5	1	0	16-QAM	11.02	12.45	12.98
5	1	24		11.78	12.44	12.75
5	8	0		13.21	14.02	13.92
5	8	17		12.68	13.92	13.82
5	25	0		12.11	13.45	13.62
5	1	0	64-QAM	10.98	12.44	12.89
5	1	24		11.75	12.33	12.66
5	8	0		12.11	13.89	14.02
5	8	17		12.65	13.78	13.66
5	25	0		12.11	13.25	13.55



LTE Band 66 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
3	1	0	QPSK	11.65	13.45	13.22
3	1	14		11.52	12.95	13.32
3	15	0		12.01	13.98	13.95
3	1	0	16-QAM	11.63	13.45	13.22
3	1	14		11.55	12.85	13.21
3	15	0		12.10	14.01	13.82
3	1	0	64-QAM	11.55	13.22	13.11
3	1	14		11.45	12.85	13.22
3	15	0		11.89	13.95	13.93
1.4	1	0	QPSK	11.92	13.22	13.77
1.4	1	5		11.91	13.33	13.79
1.4	6	0		11.88	13.21	13.75
1.4	1	0	16-QAM	11.95	13.42	13.75
1.4	1	5		11.93	13.34	13.92
1.4	6	0		11.98	13.31	13.72
1.4	1	0	64-QAM	11.89	13.22	13.66
1.4	1	5		11.85	13.12	13.72
1.4	6	0		11.83	13.05	13.56



A.3.2 Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.29	4.93	5.39	5.94	PASS
Middle CH	5.62	5.33	5.91	6.29	
Highest CH	6.06	5.13	6.52	6.17	
Mod.	64QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	6.84	6.06	-	-	PASS
Middle CH	5.88	6.38	-	-	
Highest CH	6.32	6.17	-	-	

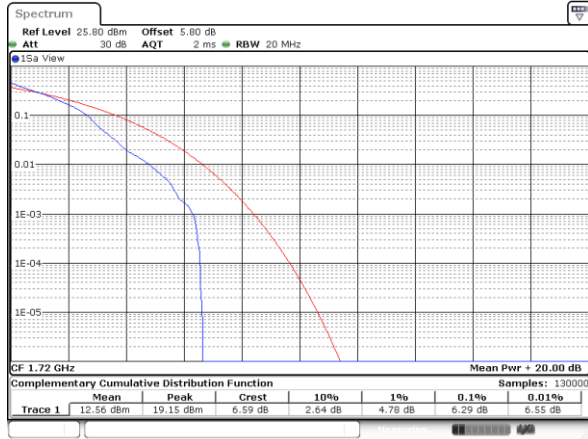
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.57	5.19	5.74	6.12	PASS
Middle CH	4.38	4.61	5.71	5.51	
Highest CH	5.57	5.33	5.74	6.20	
Mod.	64QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	5.48	5.91	-	-	PASS
Middle CH	5.91	5.57	-	-	
Highest CH	5.77	6.09	-	-	

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.51	5.04	6.17	5.91	PASS
Middle CH	4.87	5.13	6.70	6.12	
Highest CH	5.83	5.19	5.39	6.14	
Mod.	64QAM		-		Limit: 13dB
RB Size	1RB	Full RB	-	-	Result
Lowest CH	5.48	5.83	-	-	PASS
Middle CH	5.88	6.03	-	-	
Highest CH	5.94	6.09	-	-	

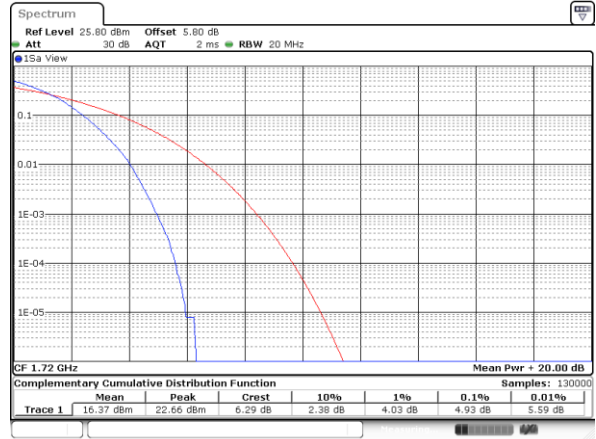


LTE Band 4 / 20MHz / QPSK

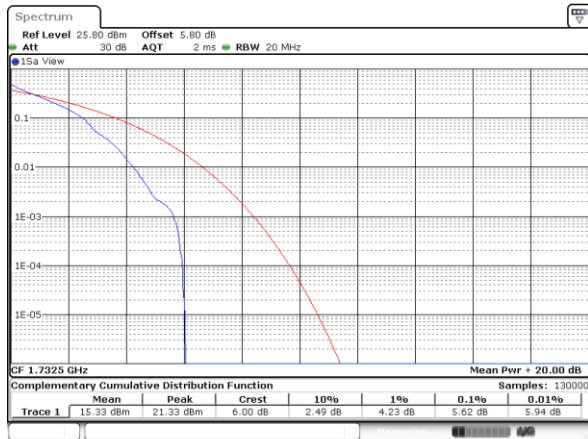
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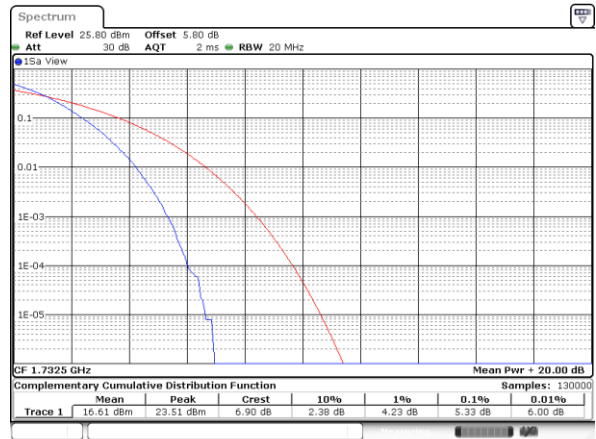
Lowest Channel / Full RB



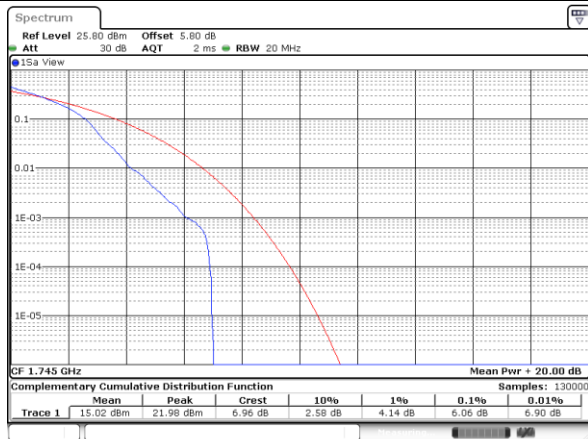
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

