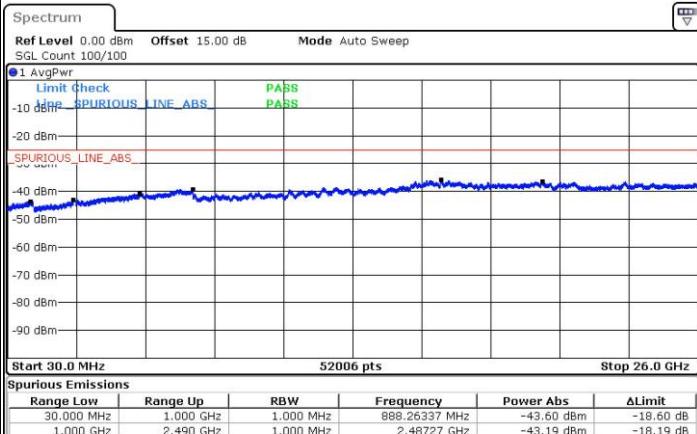
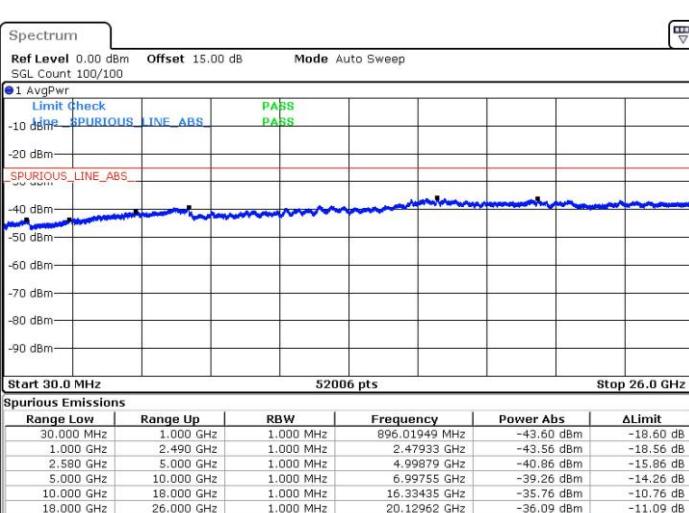




LTE Band 7 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM

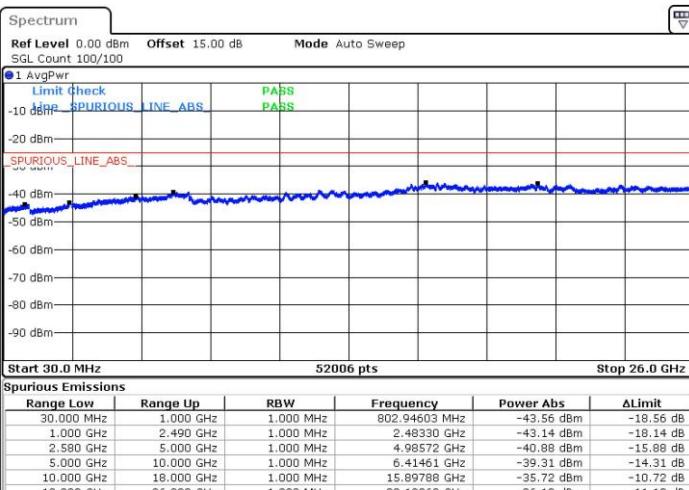


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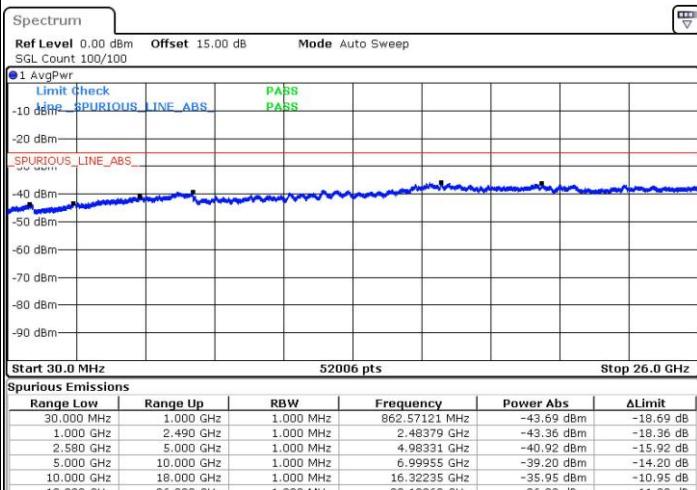
LTE Band 7 / 10MHz

Lowest Channel / QPSK

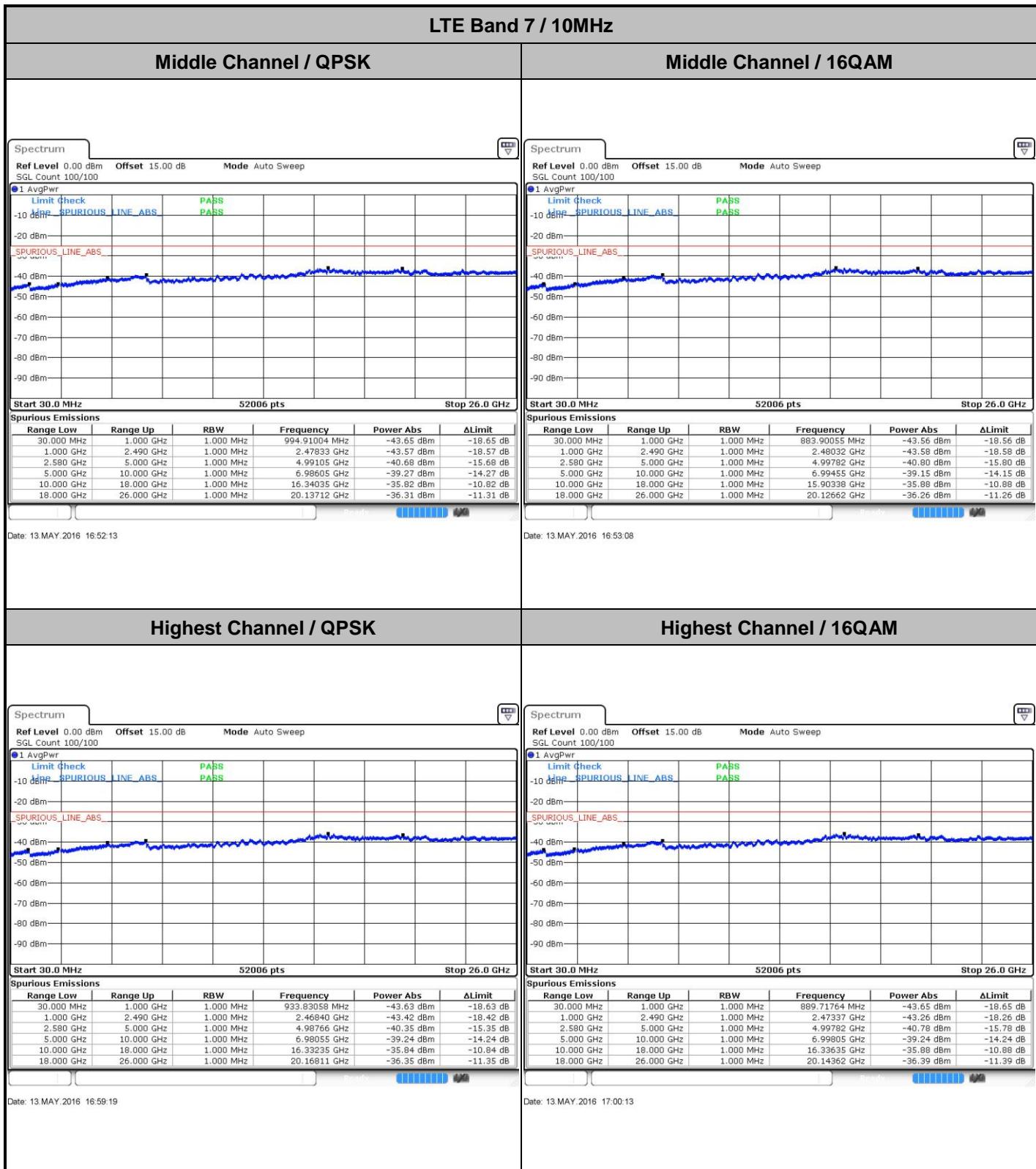
Lowest Channel / 16QAM

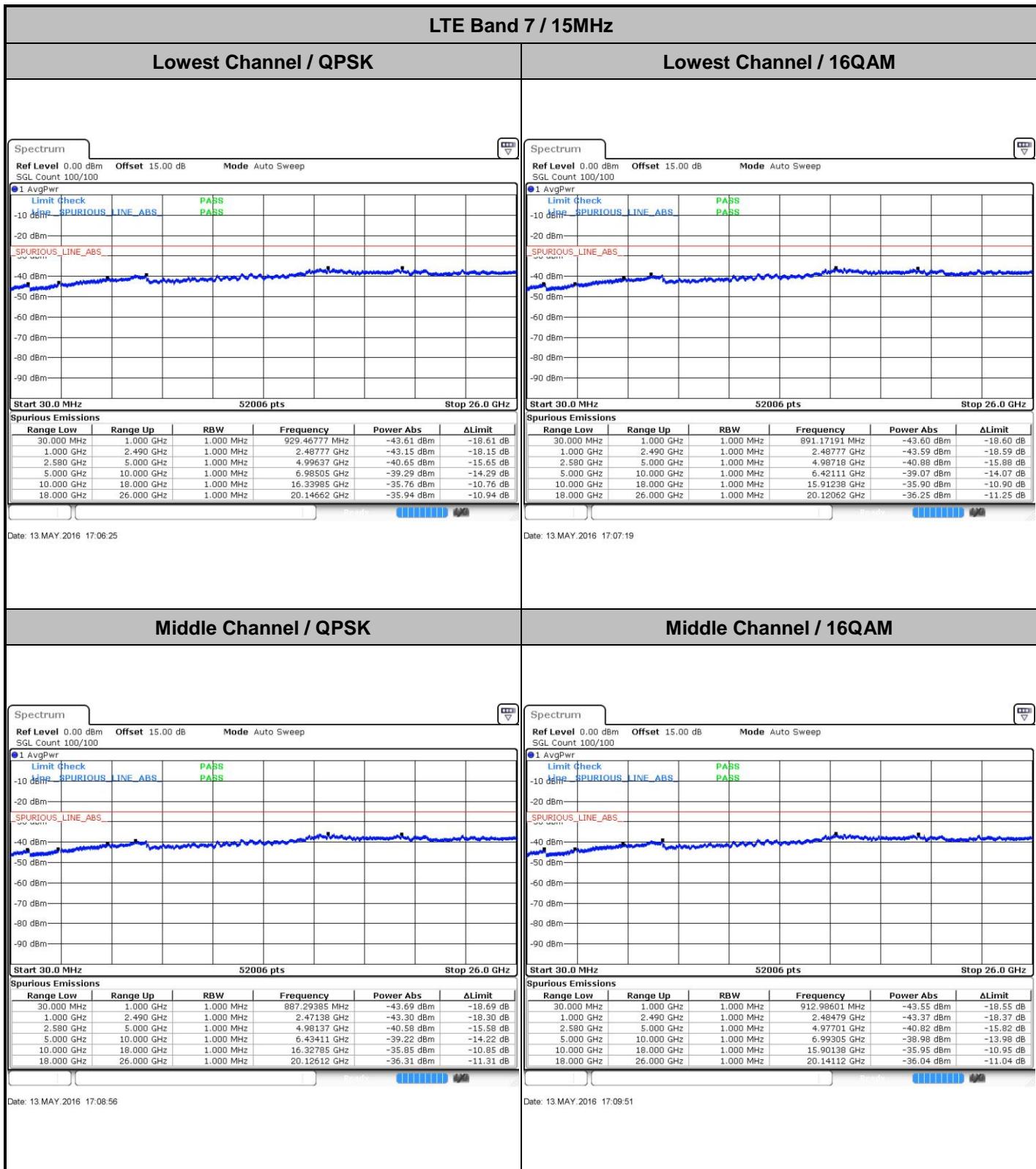


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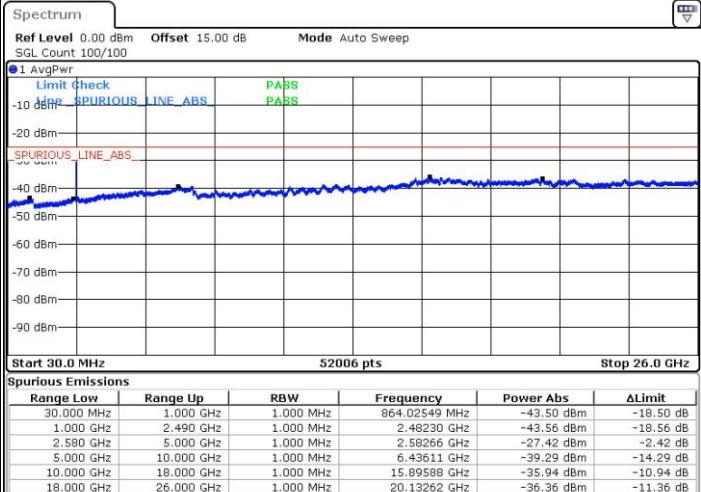
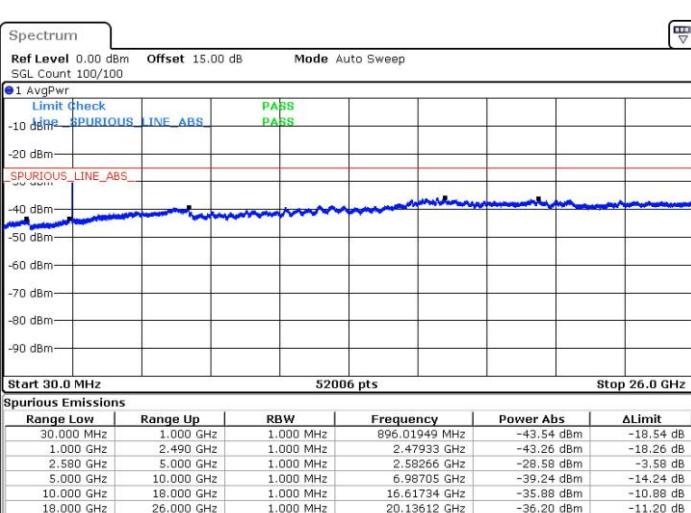




LTE Band7 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM

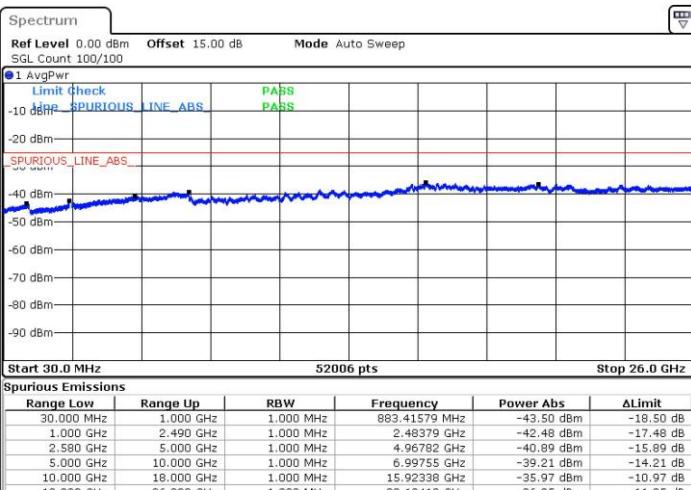


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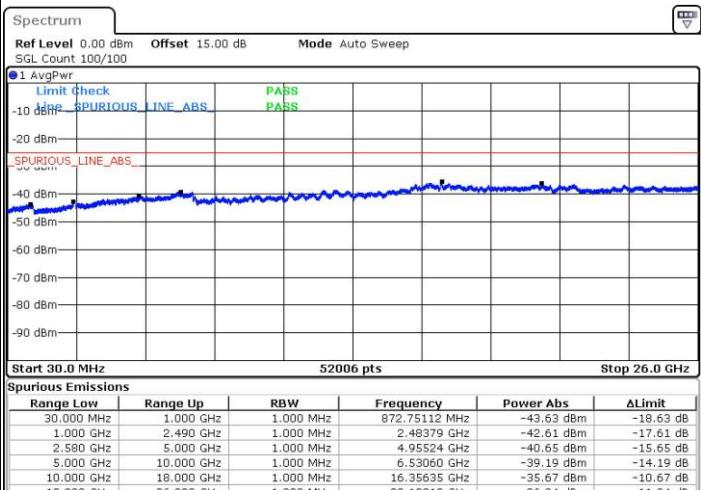
LTE Band 7 / 20MHz

Lowest Channel / QPSK

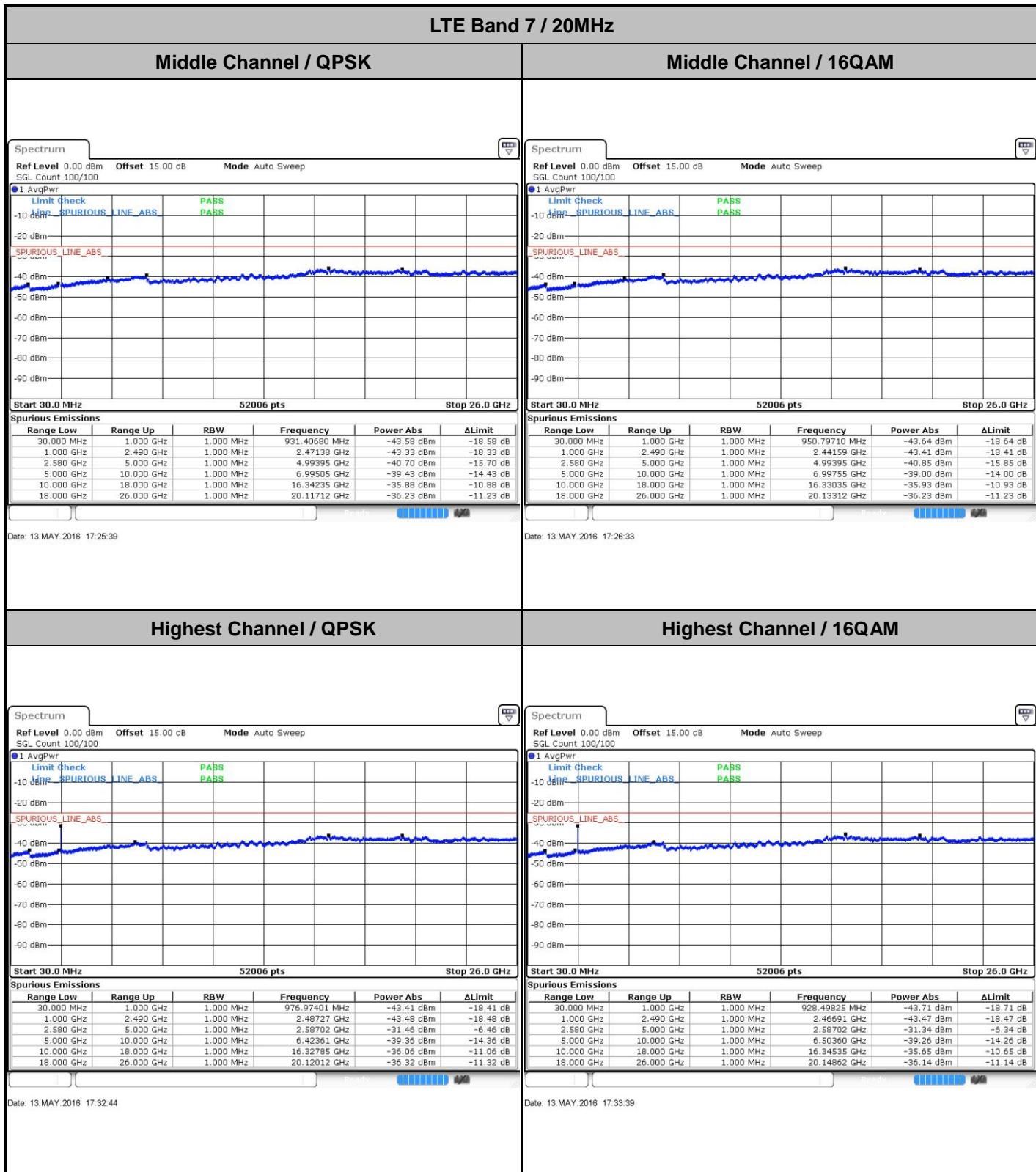
Lowest Channel / 16QAM

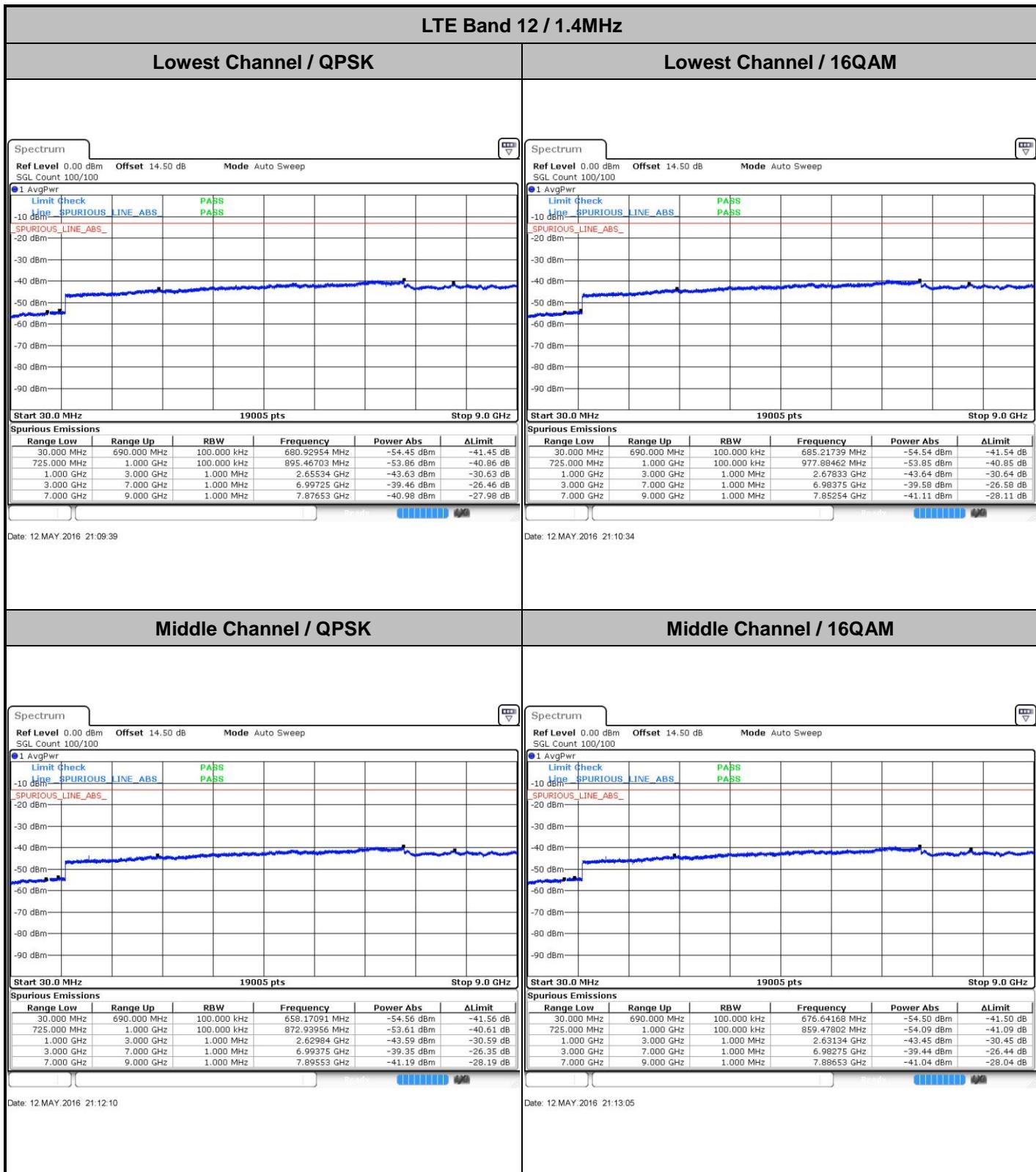


Date: 13.MAY.2016 17:23:08



Date: 13.MAY.2016 17:24:03



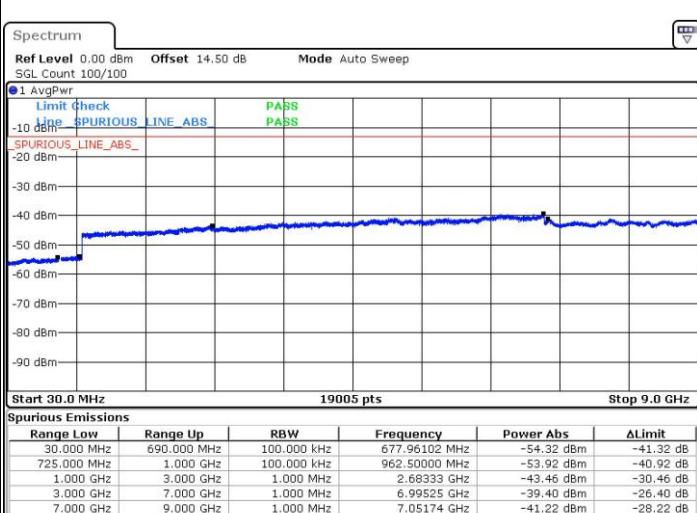
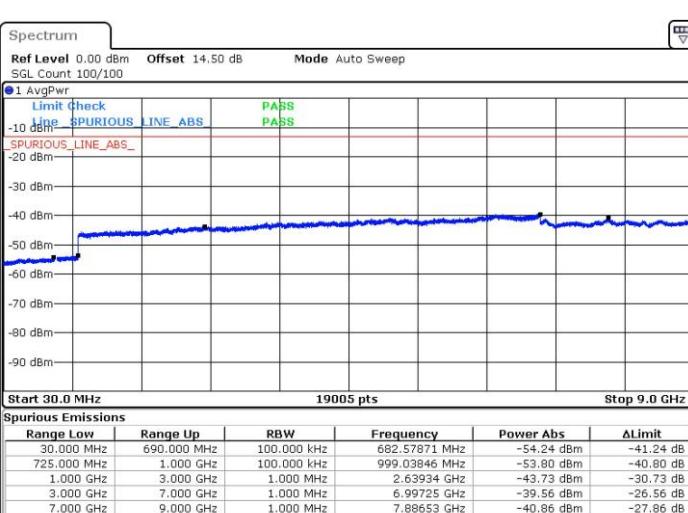




LTE Band 12 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



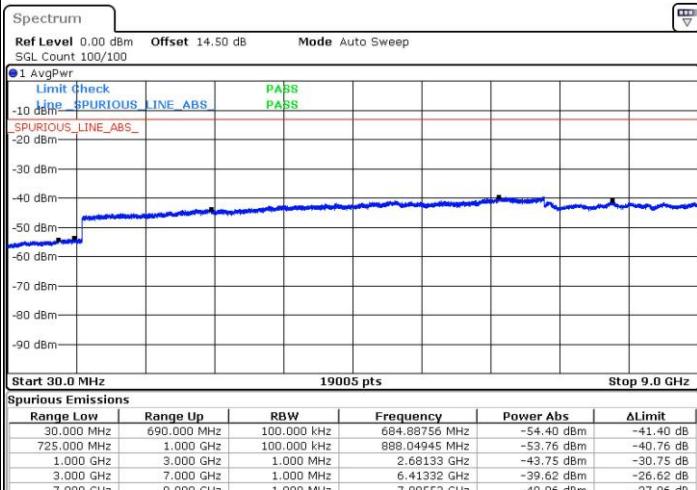
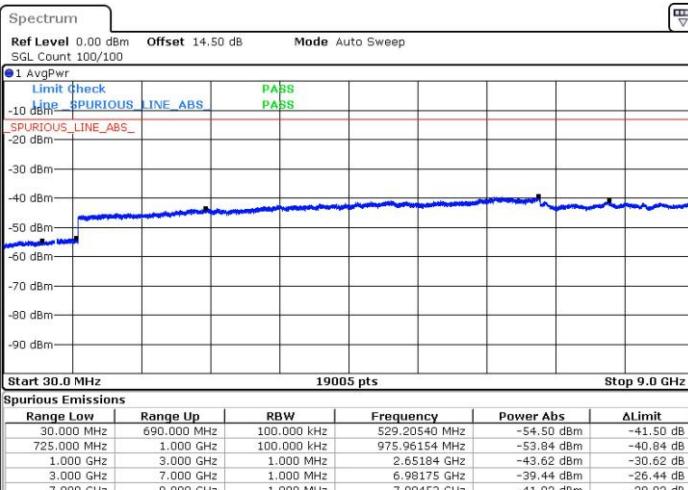
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Date: 12.MAY.2016 21:23:41

LTE Band 12 / 3MHz

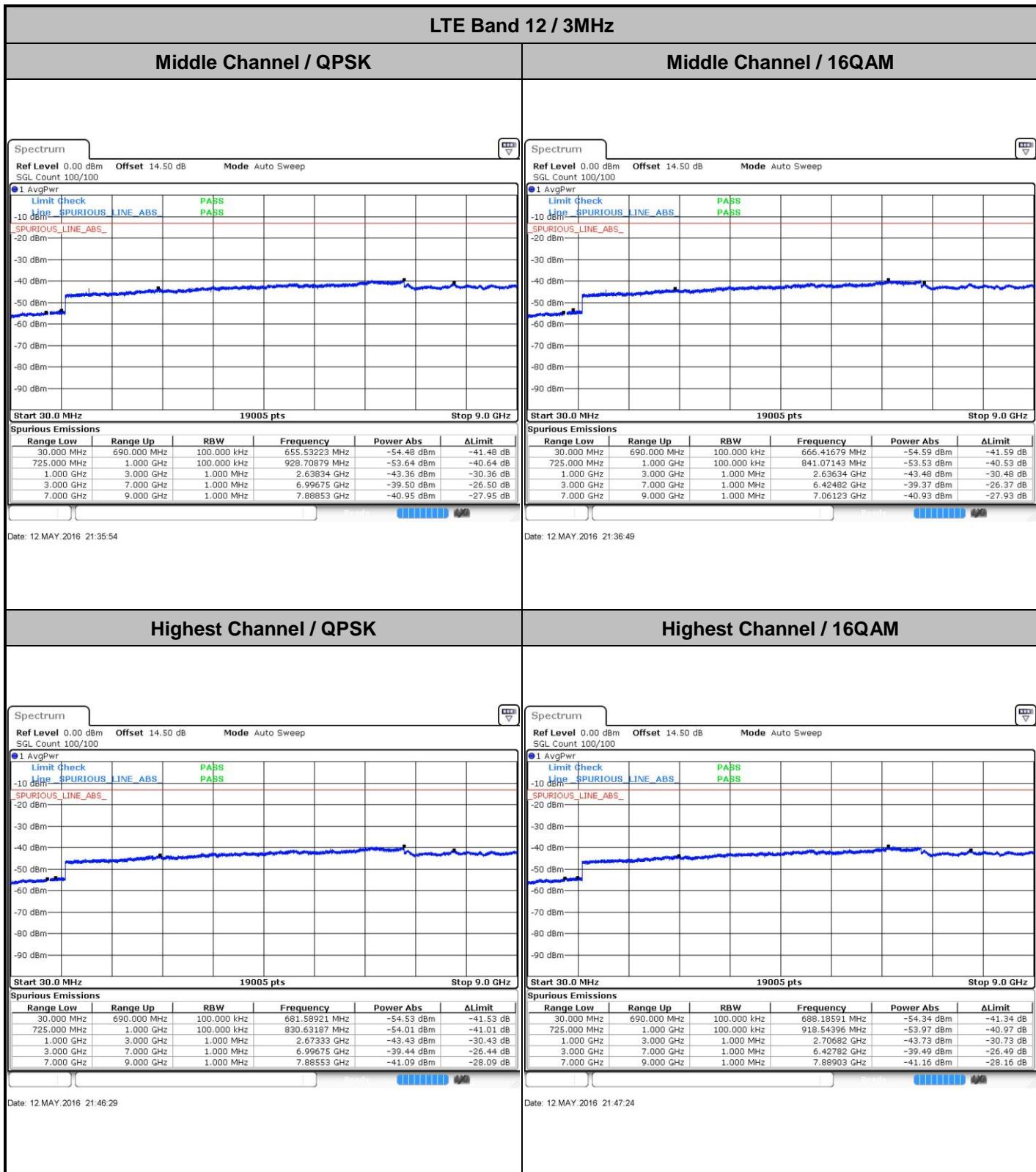
Lowest Channel / QPSK

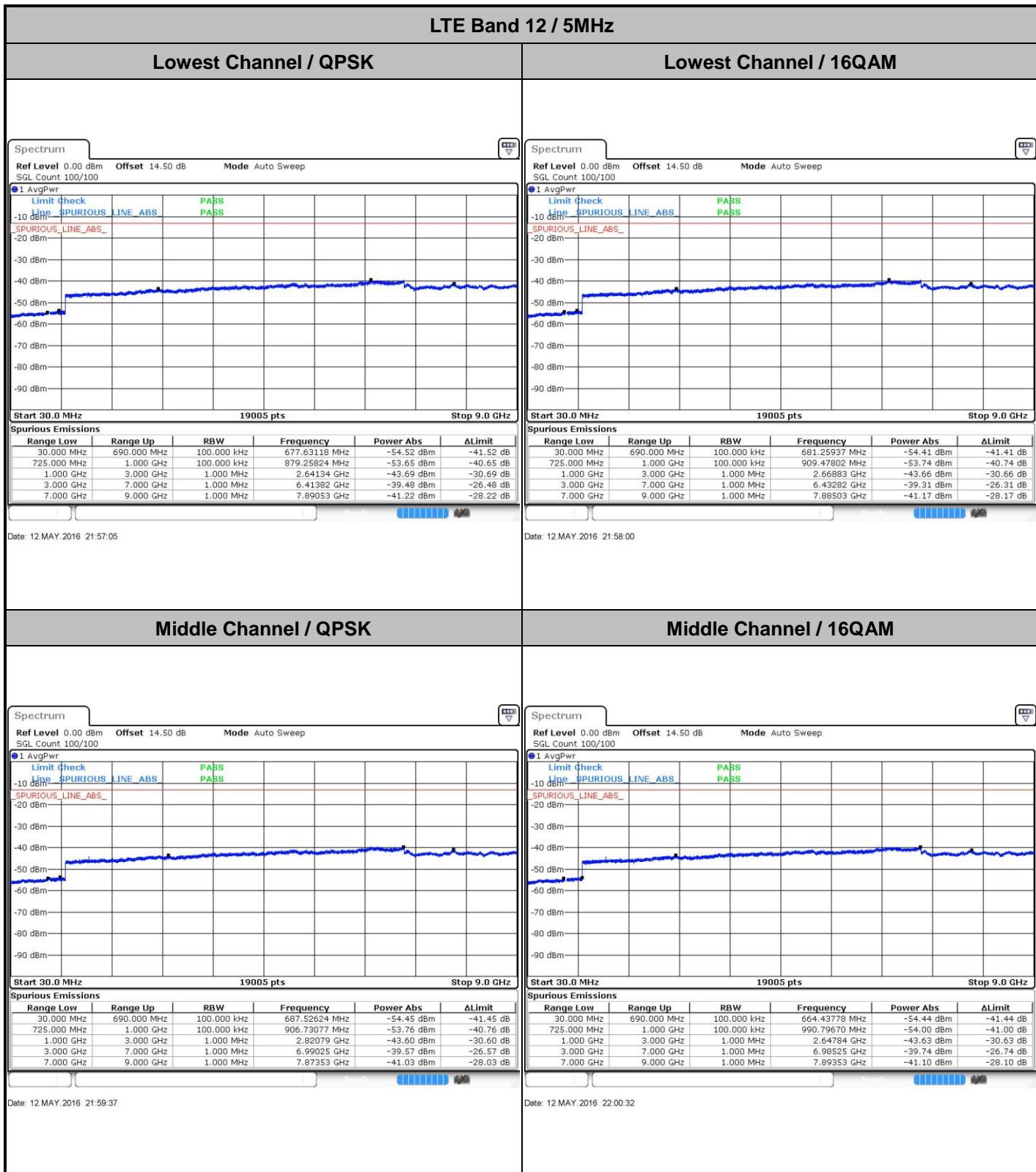
Lowest Channel / 16QAM



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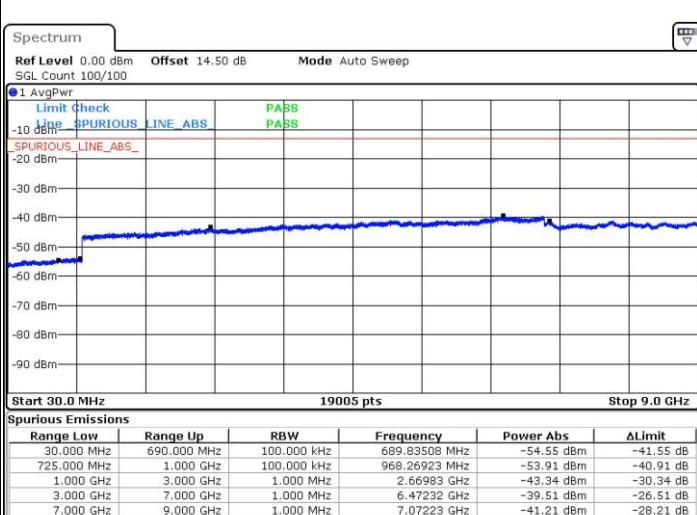
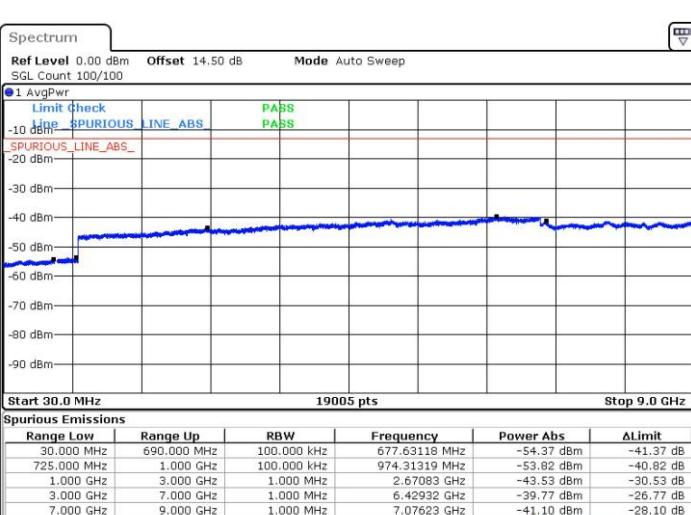




LTE Band 12 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



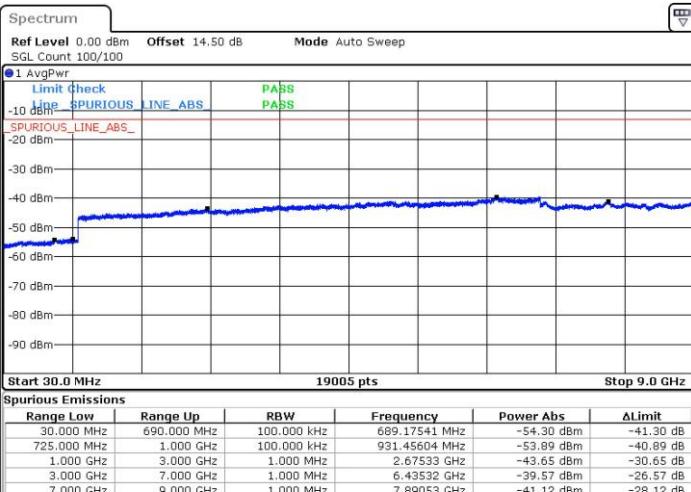
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LTE Band 12 / 10MHz

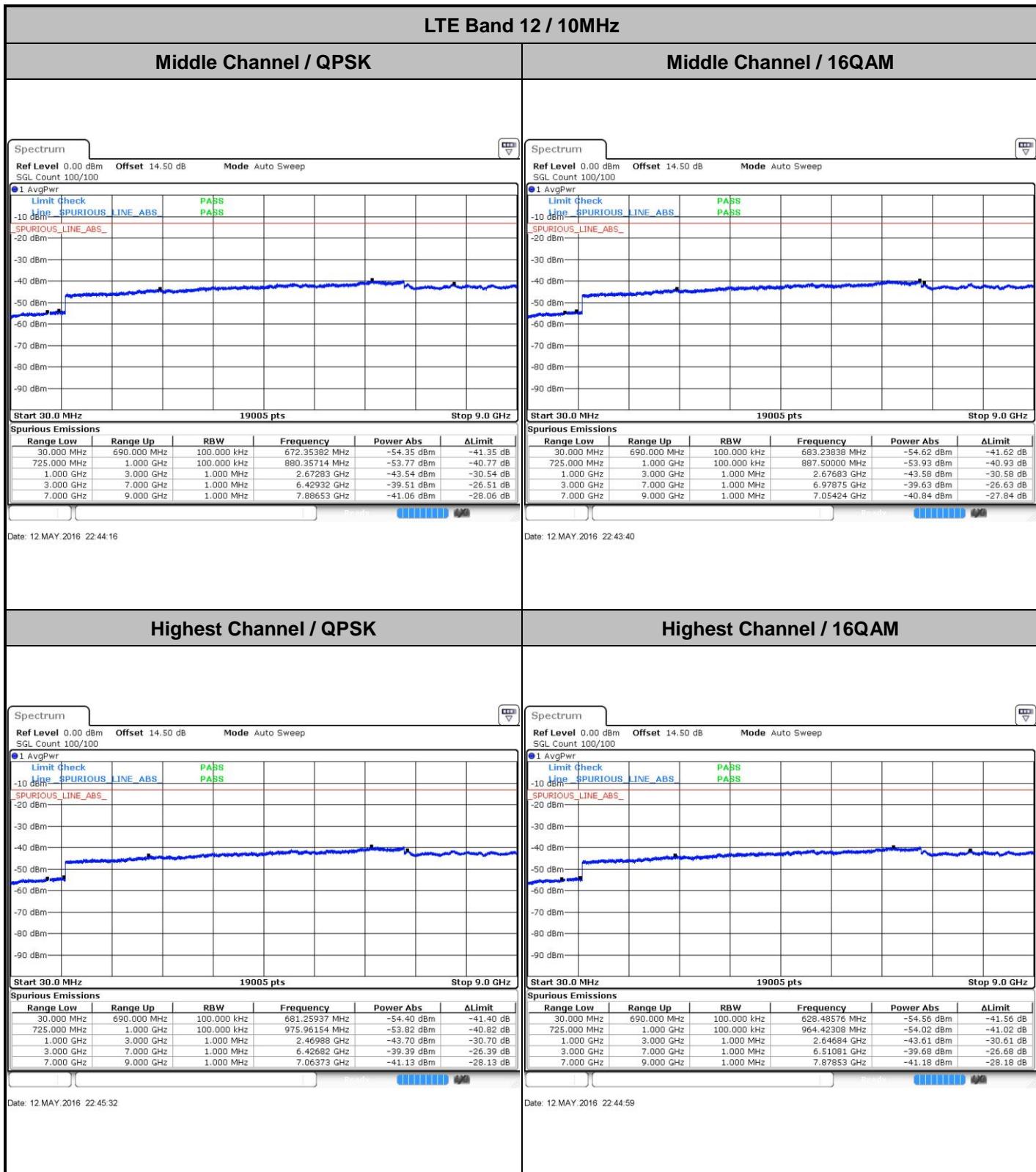
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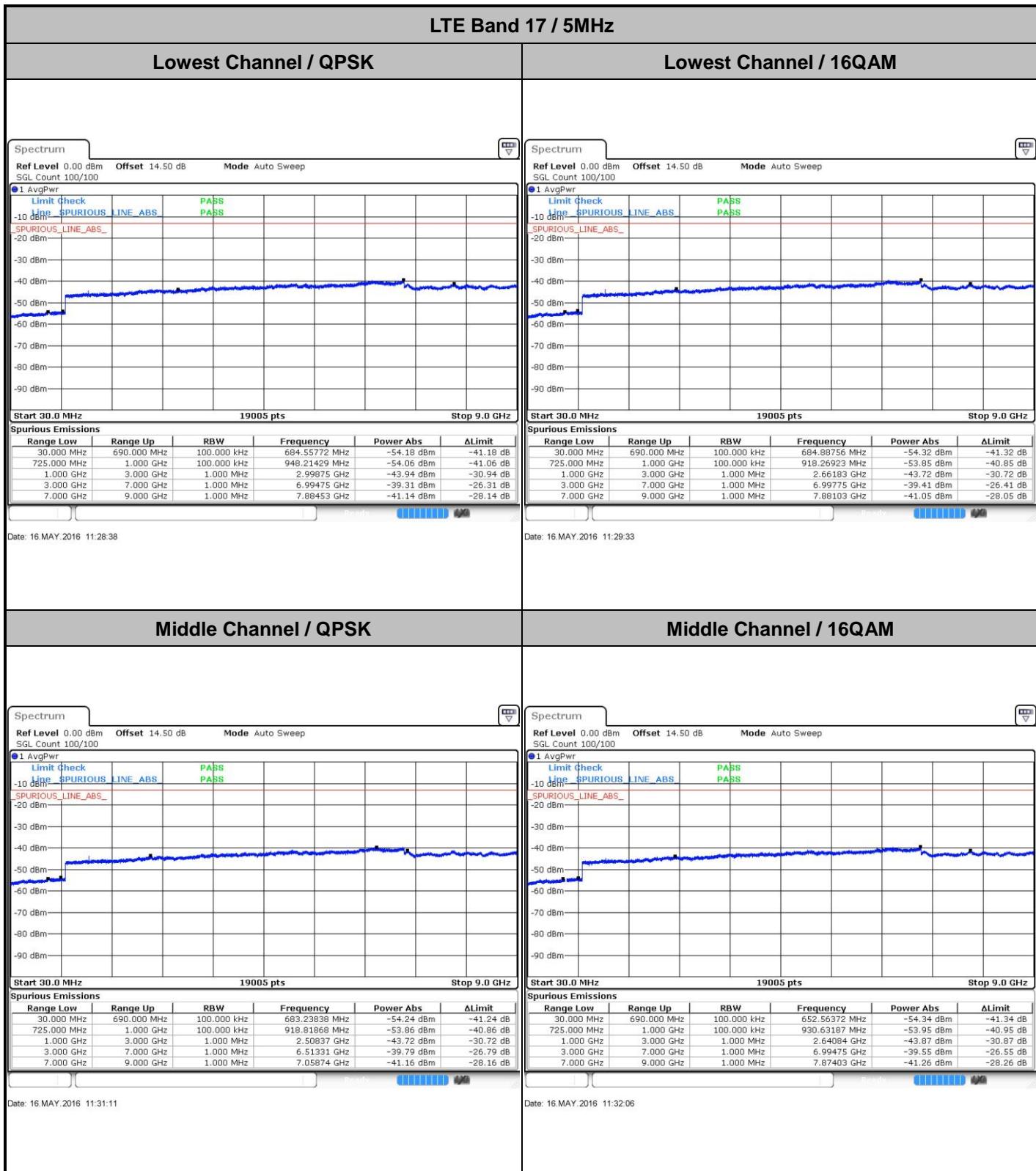
Lowest Channel / 16QAM



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Date: 12.MAY.2016 22:21:45



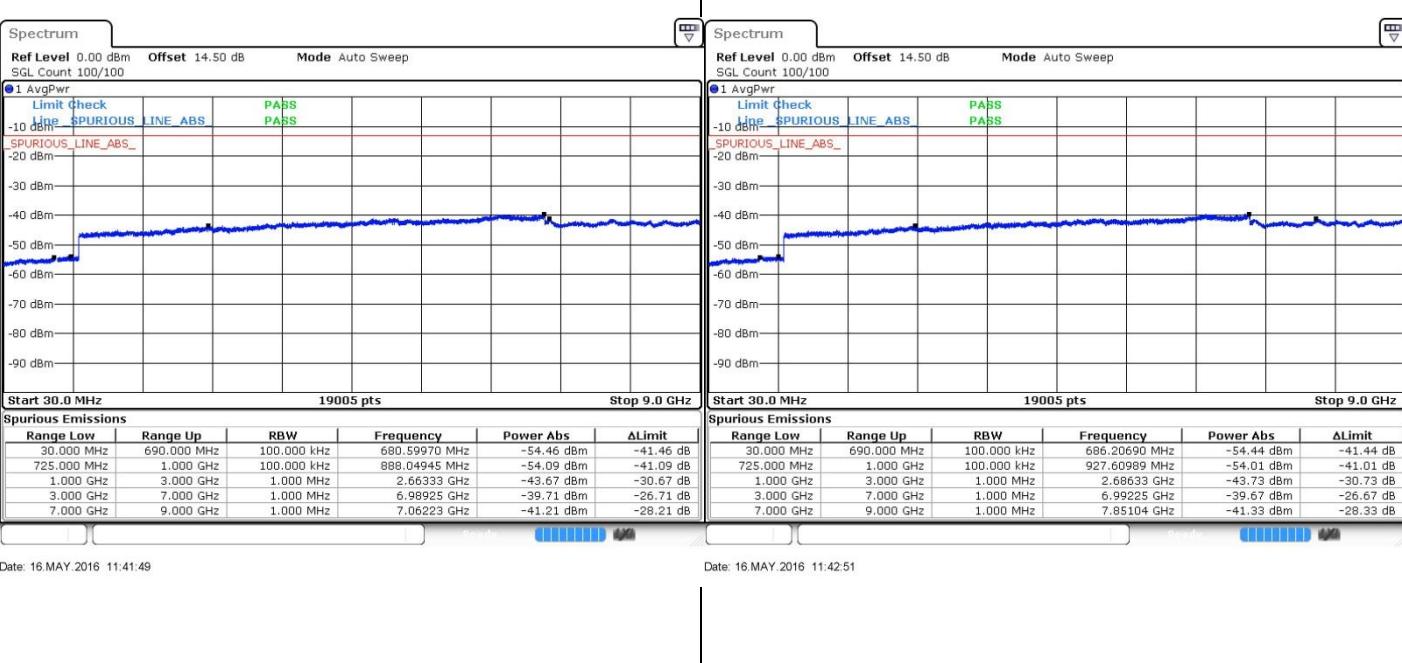




LTE Band 17 / 5MHz

Highest Channel / QPSK

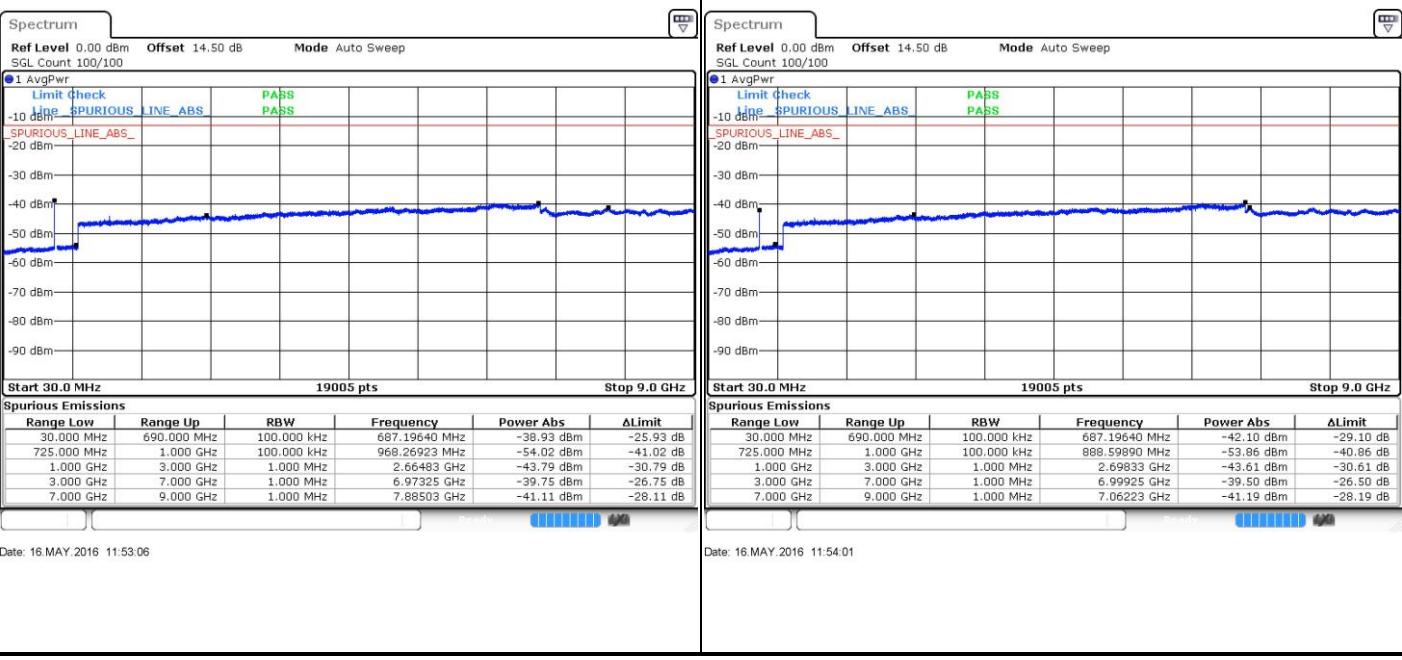
Highest Channel / 16QAM

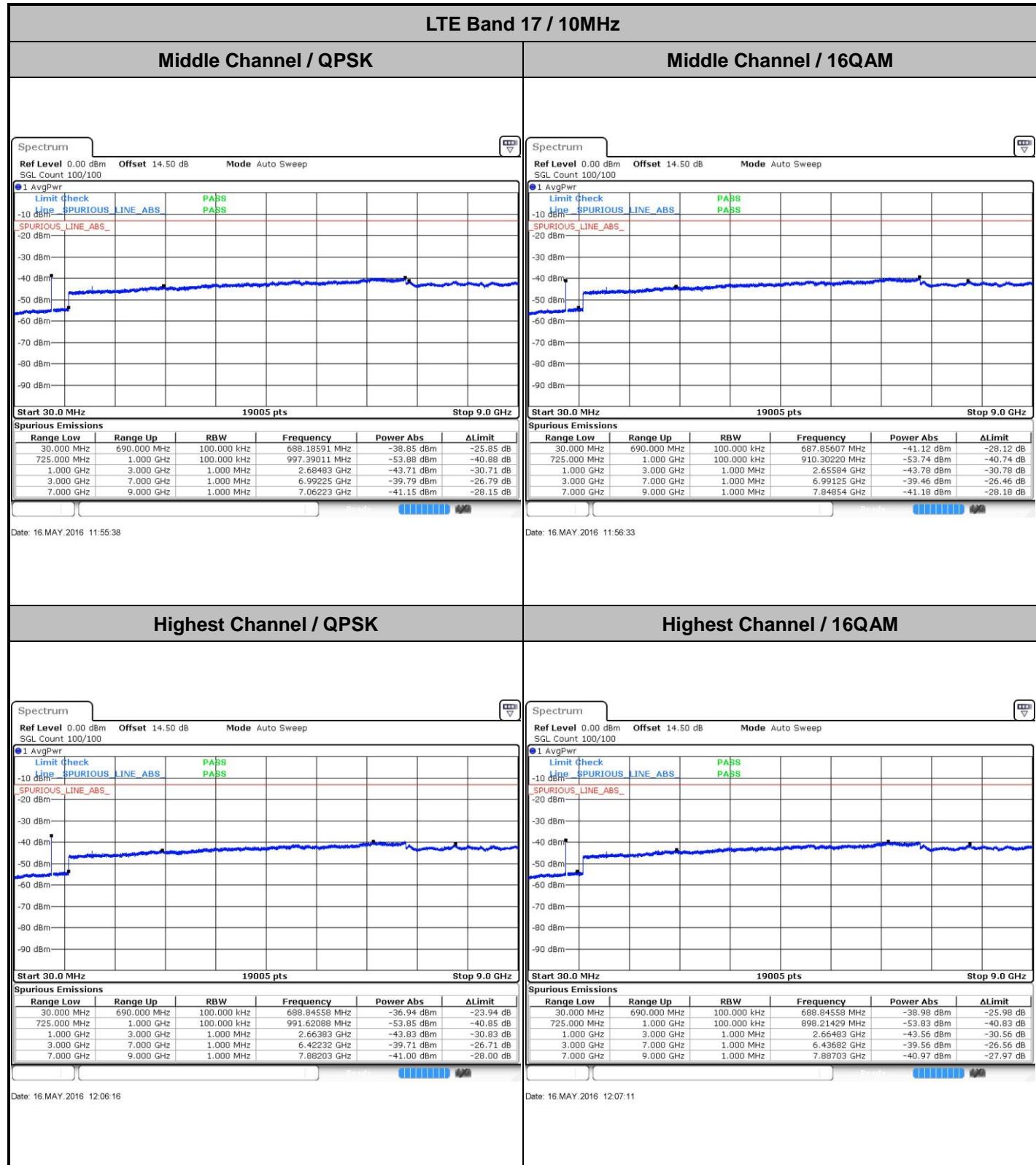


LTE Band 17 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM







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	0.0117	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0069	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0080	
0	Normal Voltage	0.0090	
-10	Normal Voltage	0.0101	
-20	Normal Voltage	0.0074	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0064	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0053	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0261	PASS
40	Normal Voltage	0.0165	
30	Normal Voltage	0.0117	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0069	
0	Normal Voltage	0.0053	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0043	
-30	Normal Voltage	0.0069	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0069	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0154	PASS
40	Normal Voltage	0.0101	
30	Normal Voltage	0.0059	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0122	
0	Normal Voltage	0.0234	
-10	Normal Voltage	0.0170	
-20	Normal Voltage	0.0144	
-30	Normal Voltage	0.0154	
20	Maximum Voltage	0.0101	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0085	PASS
40	Normal Voltage	0.0074	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0064	
0	Normal Voltage	0.0117	
-10	Normal Voltage	0.0085	
-20	Normal Voltage	0.0064	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0059	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0101	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0048	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0053	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0064	
0	Normal Voltage	0.0069	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0048	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0080	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.35 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	17.78	0.0600	17.91	0.0619
Middle		3	3	18.28	0.0672	18.17	0.0656
Highest		1	0	17.03	0.0505	16.69	0.0467
Lowest	16QAM	1	3	17.06	0.0508	17.13	0.0517
Middle		1	3	18.05	0.0638	17.95	0.0624
Highest		1	0	16.18	0.0415	15.80	0.0380
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.71	0.0590	17.84	0.0608
Middle		1	8	18.48	0.0705	18.32	0.0679
Highest		1	0	17.64	0.0581	17.28	0.0534
Lowest	16QAM	1	8	17.13	0.0516	17.15	0.0519
Middle		1	8	17.91	0.0618	17.72	0.0592
Highest		1	0	16.99	0.0500	16.66	0.0463
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	16.90	0.0490	17.38	0.0547
Middle		1	12	17.84	0.0608	18.02	0.0633
Highest		1	0	17.65	0.0583	17.45	0.0556
Lowest	16QAM	1	0	16.86	0.0485	17.27	0.0533
Middle		1	12	17.88	0.0614	18.01	0.0632
Highest		1	0	17.72	0.0592	17.62	0.0578
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	17.17	0.0521	17.34	0.0542
Middle		1	0	19.04	0.0802	18.85	0.0767
Highest		1	0	18.70	0.0741	18.33	0.0681
Lowest	16QAM	1	25	16.31	0.0428	16.36	0.0433
Middle		1	25	16.97	0.0497	16.85	0.0484
Highest		1	0	17.18	0.0522	16.85	0.0484
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	17.70	0.0588	18.13	0.0650
Middle		1	0	19.19	0.0830	19.44	0.0879
Highest		1	0	18.32	0.0679	18.26	0.0670
Lowest	16QAM	1	37	16.41	0.0437	16.84	0.0483
Middle		1	0	18.16	0.0655	18.41	0.0693
Highest		1	0	17.42	0.0552	17.35	0.0544
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	17.13	0.0516	17.24	0.0530
Middle		1	0	19.20	0.0832	19.08	0.0809
Highest		1	0	17.16	0.0520	17.10	0.0512
Lowest	16QAM	1	49	16.83	0.0482	16.78	0.0476
Middle		1	0	18.43	0.0697	18.22	0.0664
Highest		1	0	16.90	0.0490	16.77	0.0475
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	20.43	0.1104	20.70	0.1175
Middle		3	3	20.17	0.1040	20.56	0.1137
Highest		3	3	18.76	0.0752	19.00	0.0794
Lowest	16QAM	1	3	19.30	0.0851	19.45	0.0880
Middle		1	3	19.10	0.0814	19.37	0.0866
Highest		1	3	18.10	0.0645	18.25	0.0668
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	8	19.97	0.0993	20.25	0.1059
Middle		1	8	19.89	0.0975	20.21	0.1050
Highest		1	8	18.40	0.0693	18.59	0.0722
Lowest	16QAM	1	8	19.18	0.0828	19.42	0.0875
Middle		1	8	18.99	0.0793	19.28	0.0847
Highest		1	8	18.13	0.0650	18.34	0.0682
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	19.96	0.0991	20.21	0.1049
Middle		1	12	19.81	0.0957	20.18	0.1043
Highest		1	0	18.57	0.0720	18.80	0.0759
Lowest	16QAM	1	0	19.22	0.0836	19.45	0.0881
Middle		1	0	19.08	0.0809	19.39	0.0869
Highest		1	0	18.20	0.0661	18.45	0.0700
Limit	EIRP < 1W			Result		PASS	



LTE Band 4/ 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.78	0.0951	20.02	0.1005
Middle		1	0	19.93	0.0985	20.29	0.1069
Highest		1	0	19.03	0.0800	19.23	0.0837
Lowest	16QAM	1	25	18.84	0.0766	19.05	0.0804
Middle		1	0	18.91	0.0778	19.19	0.0830
Highest		1	0	18.40	0.0692	18.62	0.0728
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.76	0.0947	20.00	0.1000
Middle		1	0	19.59	0.0909	19.88	0.0973
Highest		1	0	19.61	0.0914	19.89	0.0975
Lowest	16QAM	1	37	18.86	0.0769	19.14	0.0820
Middle		1	37	18.99	0.0792	19.34	0.0859
Highest		1	37	18.33	0.0680	18.49	0.0707
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	19.85	0.0967	20.14	0.1032
Middle		1	0	19.58	0.0908	19.85	0.0966
Highest		1	0	19.97	0.0994	20.27	0.1064
Lowest	16QAM	1	99	19.14	0.0820	19.32	0.0855
Middle		1	0	18.94	0.0783	19.26	0.0843
Highest		1	0	19.05	0.0804	19.26	0.0843
Limit	EIRP < 1W			Result		PASS	



LTE Band 7 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	21.08	0.1282	21.30	0.1348
Middle		1	0	21.00	0.1260	21.07	0.1278
Highest		1	12	20.20	0.1047	20.12	0.1028
Lowest	16QAM	1	0	20.23	0.1054	20.42	0.1102
Middle		1	12	20.03	0.1007	20.14	0.1033
Highest		1	12	19.49	0.0889	19.21	0.0834
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	20.89	0.1228	21.18	0.1313
Middle		1	0	20.34	0.1082	20.31	0.1075
Highest		1	0	19.88	0.0973	19.64	0.0920
Lowest	16QAM	1	25	19.95	0.0989	20.23	0.1054
Middle		1	49	19.77	0.0948	20.10	0.1023
Highest		1	0	19.67	0.0927	19.21	0.0834
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 15MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	74	21.09	0.1287	21.22	0.1326
Middle		1	74	20.80	0.1202	20.69	0.1171
Highest		1	0	20.26	0.1062	20.09	0.1021
Lowest	16QAM	1	37	20.41	0.1099	20.61	0.1150
Middle		1	74	20.17	0.1039	20.13	0.1031
Highest		1	37	19.75	0.0943	19.31	0.0853
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 20MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	99	20.79	0.1199	20.97	0.1251
Middle		1	99	20.70	0.1174	20.58	0.1143
Highest		1	99	20.27	0.1065	20.08	0.1018
Lowest	16QAM	1	99	20.23	0.1054	20.40	0.1096
Middle		1	0	19.88	0.0973	19.76	0.0946
Highest		1	0	19.56	0.0904	19.16	0.0824
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	11.59	0.0144	-0.05	0.0010
Middle		3	0	11.63	0.0146	0.12	0.0010
Highest		3	0	11.95	0.0157	0.42	0.0011
Lowest	16QAM	1	3	10.64	0.0116	-0.72	0.0008
Middle		1	3	11.06	0.0128	-0.43	0.0009
Highest		1	3	11.08	0.0128	-0.50	0.0009
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	8	11.55	0.0143	-0.15	0.0010
Middle		1	8	11.21	0.0132	-0.31	0.0009
Highest		1	8	11.80	0.0151	0.21	0.0010
Lowest	16QAM	1	8	11.00	0.0126	-0.57	0.0009
Middle		1	14	11.06	0.0128	-0.29	0.0009
Highest		1	8	11.14	0.0130	-0.51	0.0009
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	11.34	0.0136	-0.44	0.0009
Middle		1	12	10.06	0.0101	-1.68	0.0007
Highest		1	12	11.57	0.0143	-0.08	0.0010
Lowest	16QAM	1	24	10.96	0.0125	-0.95	0.0008
Middle		1	12	9.92	0.0098	-1.81	0.0007
Highest		1	12	10.97	0.0125	-0.73	0.0008
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	10.53	0.0113	-1.47	0.0007
Middle		1	25	10.12	0.0103	-1.63	0.0007
Highest		1	25	11.33	0.0136	-0.29	0.0009
Lowest	16QAM	1	25	10.27	0.0106	-1.91	0.0006
Middle		1	49	9.85	0.0097	-1.94	0.0006
Highest		1	25	11.01	0.0126	-0.71	0.0008
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	8.16	0.0066	-3.07	0.0005
Middle		1	12	8.96	0.0079	-1.88	0.0006
Highest		1	12	9.93	0.0098	-1.15	0.0008
Lowest	16QAM	1	12	7.73	0.0059	-4.33	0.0004
Middle		1	12	8.21	0.0066	-3.65	0.0004
Highest		1	12	8.91	0.0078	-2.27	0.0006
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average)							
Channel	Modulation	RB		Horizontal		Vertical	
		Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	7.56	0.0057	-3.63	0.0004
Middle		1	25	8.18	0.0066	-2.91	0.0005
Highest		1	25	8.78	0.0076	-2.38	0.0006
Lowest	16QAM	1	25	6.74	0.0047	-4.50	0.0004
Middle		1	25	7.31	0.0054	-3.88	0.0004
Highest		1	0	7.97	0.0063	-3.21	0.0005
Limit	ERP < 3W			Result		PASS	



Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.32	-50.00	-13	-37.00	-63.55	-56.04	6.56	12.60	H
	5550.48	-51.43	-13	-38.43	-67.37	-56.53	8.00	13.10	H
	7400.64	-49.93	-13	-36.93	-68.67	-51.66	9.57	11.30	H
	3700.32	-52.90	-13	-39.90	-66.25	-58.94	6.56	12.60	V
	5550.48	-50.99	-13	-37.99	-68.34	-56.09	8.00	13.10	V
	7400.64	-50.34	-13	-37.34	-68.74	-52.07	9.57	11.30	V
Middle	3758.92	-52.44	-13	-39.44	-65.99	-58.48	6.56	12.60	H
	5638.38	-51.74	-13	-38.74	-67.68	-56.84	8.00	13.10	H
	7517.84	-49.18	-13	-36.18	-67.92	-50.91	9.57	11.30	H
	3758.92	-52.43	-13	-39.43	-65.78	-58.47	6.56	12.60	V
	5638.38	-50.53	-13	-37.53	-67.88	-55.63	8.00	13.10	V
	7517.84	-49.13	-13	-36.13	-67.53	-50.86	9.57	11.30	V
Highest	3817.52	-51.26	-13	-38.26	-64.81	-57.30	6.56	12.60	H
	5726.28	-51.59	-13	-38.59	-67.53	-56.69	8.00	13.10	H
	7635.04	-48.93	-13	-35.93	-67.67	-50.66	9.57	11.30	H
	3817.52	-50.76	-13	-37.76	-64.11	-56.80	6.56	12.60	V
	5726.28	-50.35	-13	-37.35	-67.7	-55.45	8.00	13.10	V
	7635.04	-48.51	-13	-35.51	-66.91	-50.24	9.57	11.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.48	-51.23	-13	-38.23	-64.78	-57.27	6.56	12.60	H
	5550.72	-51.40	-13	-38.40	-67.34	-56.50	8.00	13.10	H
	7400.96	-50.13	-13	-37.13	-68.87	-51.86	9.57	11.30	H
	3700.48	-52.38	-13	-39.38	-65.73	-58.42	6.56	12.60	V
	5550.72	-50.80	-13	-37.80	-68.15	-55.90	8.00	13.10	V
	7400.96	-50.02	-13	-37.02	-68.42	-51.75	9.57	11.30	V
Middle	3757.48	-52.54	-13	-39.54	-66.09	-58.58	6.56	12.60	H
	5636.22	-52.37	-13	-39.37	-68.31	-57.47	8.00	13.10	H
	7514.96	-49.05	-13	-36.05	-67.79	-50.78	9.57	11.30	H
	3757.48	-53.28	-13	-40.28	-66.63	-59.32	6.56	12.60	V
	5636.22	-50.13	-13	-37.13	-67.48	-55.23	8.00	13.10	V
	7514.96	-49.45	-13	-36.45	-67.85	-51.18	9.57	11.30	V
Highest	3814.48	-52.70	-13	-39.70	-66.25	-58.74	6.56	12.60	H
	5721.72	-52.23	-13	-39.23	-68.17	-57.33	8.00	13.10	H
	7628.96	-48.98	-13	-35.98	-67.72	-50.71	9.57	11.30	H
	3814.48	-51.24	-13	-38.24	-64.59	-57.28	6.56	12.60	V
	5721.72	-50.28	-13	-37.28	-67.63	-55.38	8.00	13.10	V
	7628.96	-48.42	-13	-35.42	-66.82	-50.15	9.57	11.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.68	-53.93	-13	-40.93	-67.48	-59.97	6.56	12.60	H
	5551.02	-52.32	-13	-39.32	-68.26	-57.42	8.00	13.10	H
	7401.36	-49.94	-13	-36.94	-68.68	-51.67	9.57	11.30	H
	3700.68	-53.29	-13	-40.29	-66.64	-59.33	6.56	12.60	V
	5551.02	-50.73	-13	-37.73	-68.08	-55.83	8.00	13.10	V
	7401.36	-50.05	-13	-37.05	-68.45	-51.78	9.57	11.30	V
Middle	3755.68	-52.77	-13	-39.77	-66.32	-58.81	6.56	12.60	H
	5633.52	-52.09	-13	-39.09	-68.03	-57.19	8.00	13.10	H
	7511.36	-49.16	-13	-36.16	-67.90	-50.89	9.57	11.30	H
	3755.68	-53.26	-13	-40.26	-66.61	-59.30	6.56	12.60	V
	5633.52	-50.39	-13	-37.39	-67.74	-55.49	8.00	13.10	V
	7511.36	-49.08	-13	-36.08	-67.48	-50.81	9.57	11.30	V
Highest	3810.68	-53.02	-13	-40.02	-66.57	-59.06	6.56	12.60	H
	5716.02	-51.97	-13	-38.97	-67.91	-57.07	8.00	13.10	H
	7621.36	-48.72	-13	-35.72	-67.46	-50.45	9.57	11.30	H
	3810.68	-52.27	-13	-39.27	-65.62	-58.31	6.56	12.60	V
	5716.02	-49.84	-13	-36.84	-67.19	-54.94	8.00	13.10	V
	7621.36	-48.74	-13	-35.74	-67.14	-50.47	9.57	11.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.18	-51.42	-13	-38.42	-64.97	-57.46	6.56	12.60	H
	5551.77	-51.89	-13	-38.89	-67.83	-56.99	8.00	13.10	H
	7402.36	-49.42	-13	-36.42	-68.16	-51.15	9.57	11.30	H
	3701.18	-53.15	-13	-40.15	-66.5	-59.19	6.56	12.60	V
	5551.77	-50.16	-13	-37.16	-67.51	-55.26	8.00	13.10	V
	7402.36	-50.00	-13	-37.00	-68.4	-51.73	9.57	11.30	V
Middle	3751	-52.60	-13	-39.60	-66.15	-58.64	6.56	12.60	H
	5626.5	-52.19	-13	-39.19	-68.13	-57.29	8.00	13.10	H
	7502	-49.07	-13	-36.07	-67.81	-50.80	9.57	11.30	H
	3751	-53.13	-13	-40.13	-66.48	-59.17	6.56	12.60	V
	5626.5	-50.10	-13	-37.10	-67.45	-55.20	8.00	13.10	V
	7502	-49.76	-13	-36.76	-68.16	-51.49	9.57	11.30	V
Highest	3801.18	-52.70	-13	-39.70	-66.25	-58.74	6.56	12.60	H
	5701.77	-50.15	-13	-37.15	-66.09	-55.25	8.00	13.10	H
	7602.36	-48.95	-13	-35.95	-67.69	-50.68	9.57	11.30	H
	3801.18	-52.17	-13	-39.17	-65.52	-58.21	6.56	12.60	V
	5701.77	-49.73	-13	-36.73	-67.08	-54.83	8.00	13.10	V
	7602.36	-48.76	-13	-35.76	-67.16	-50.49	9.57	11.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.68	-51.56	-13	-38.56	-65.11	-57.60	6.56	12.60	H
	5552.52	-51.66	-13	-38.66	-67.60	-56.76	8.00	13.10	H
	7403.36	-48.81	-13	-35.81	-67.55	-50.54	9.57	11.30	H
	3701.68	-52.37	-13	-39.37	-65.72	-58.41	6.56	12.60	V
	5552.52	-50.99	-13	-37.99	-68.34	-56.09	8.00	13.10	V
	7403.36	-49.90	-13	-36.90	-68.3	-51.63	9.57	11.30	V
Middle	3746.68	-53.15	-13	-40.15	-66.70	-59.19	6.56	12.60	H
	5620.02	-51.56	-13	-38.56	-67.50	-56.66	8.00	13.10	H
	7493.36	-49.15	-13	-36.15	-67.89	-50.88	9.57	11.30	H
	3746.68	-53.32	-13	-40.32	-66.67	-59.36	6.56	12.60	V
	5620.02	-51.20	-13	-38.20	-68.55	-56.30	8.00	13.10	V
	7493.36	-49.82	-13	-36.82	-68.22	-51.55	9.57	11.30	V
Highest	3791.68	-51.05	-13	-38.05	-64.60	-57.09	6.56	12.60	H
	5687.52	-51.79	-13	-38.79	-67.73	-56.89	8.00	13.10	H
	7583.36	-48.58	-13	-35.58	-67.32	-50.31	9.57	11.30	H
	3791.68	-52.00	-13	-39.00	-65.35	-58.04	6.56	12.60	V
	5687.52	-48.94	-13	-35.94	-66.29	-54.04	8.00	13.10	V
	7583.36	-48.90	-13	-35.90	-67.3	-50.63	9.57	11.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702.18	-51.11	-13	-38.11	-64.66	-57.15	6.56	12.60	H
	5553.27	-51.72	-13	-38.72	-67.66	-56.82	8.00	13.10	H
	7404.36	-49.63	-13	-36.63	-68.37	-51.36	9.57	11.30	H
	3702.18	-52.75	-13	-39.75	-66.1	-58.79	6.56	12.60	V
	5553.27	-49.66	-13	-36.66	-67.01	-54.76	8.00	13.10	V
	7404.36	-49.56	-13	-36.56	-67.96	-51.29	9.57	11.30	V
Middle	3742.18	-52.27	-13	-39.27	-65.82	-58.31	6.56	12.60	H
	5613.27	-51.46	-13	-38.46	-67.40	-56.56	8.00	13.10	H
	7484.36	-48.88	-13	-35.88	-67.62	-50.61	9.57	11.30	H
	3742.18	-52.51	-13	-39.51	-65.86	-58.55	6.56	12.60	V
	5613.27	-50.61	-13	-37.61	-67.96	-55.71	8.00	13.10	V
	7484.36	-49.13	-13	-36.13	-67.53	-50.86	9.57	11.30	V
Highest	3782.18	-51.73	-13	-38.73	-65.28	-57.77	6.56	12.60	H
	5673.27	-51.08	-13	-38.08	-67.02	-56.18	8.00	13.10	H
	7564.36	-49.43	-13	-36.43	-68.17	-51.16	9.57	11.30	H
	3782.18	-51.01	-13	-38.01	-64.36	-57.05	6.56	12.60	V
	5673.27	-50.75	-13	-37.75	-68.1	-55.85	8.00	13.10	V
	7564.36	-48.83	-13	-35.83	-67.23	-50.56	9.57	11.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.32	-41.92	-13	-28.92	-56.67	-48.34	6.18	12.60	H
	5130.48	-49.85	-13	-36.85	-67.85	-54.81	7.74	12.70	H
	6840.64	-49.71	-13	-36.71	-68.52	-52.41	9.00	11.70	H
	3420.32	-47.27	-13	-34.27	-58.22	-53.69	6.18	12.60	V
	5130.48	-54.87	-13	-41.87	-67.87	-59.83	7.74	12.70	V
	6840.64	-50.75	-13	-37.75	-67.46	-53.45	9.00	11.70	V
Middle	3463.74	-46.07	-13	-33.07	-60.82	-52.49	6.18	12.60	H
	5195.61	-49.59	-13	-36.59	-67.59	-54.55	7.74	12.70	H
	6927.48	-48.27	-13	-35.27	-67.08	-50.97	9.00	11.70	H
	3463.74	-50.54	-13	-37.54	-61.49	-56.96	6.18	12.60	V
	5195.61	-54.88	-13	-41.88	-67.88	-59.84	7.74	12.70	V
	6927.48	-51.34	-13	-38.34	-68.05	-54.04	9.00	11.70	V
Highest	3507.52	-49.23	-13	-36.23	-63.98	-55.65	6.18	12.60	H
	5261.28	-49.83	-13	-36.83	-67.83	-54.79	7.74	12.70	H
	7015.04	-49.50	-13	-36.50	-68.31	-52.20	9.00	11.70	H
	3507.52	-54.83	-13	-41.83	-65.78	-61.25	6.18	12.60	V
	5261.28	-53.73	-13	-40.73	-66.73	-58.69	7.74	12.70	V
	7015.04	-50.67	-13	-37.67	-67.38	-53.37	9.00	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.48	-49.87	-13	-36.87	-64.62	-56.29	6.18	12.60	H
	5130.72	-49.95	-13	-36.95	-67.95	-54.91	7.74	12.70	H
	6840.96	-49.38	-13	-36.38	-68.19	-52.08	9.00	11.70	H
	3420.48	-53.60	-13	-40.60	-64.55	-60.02	6.18	12.60	V
	5130.72	-54.58	-13	-41.58	-67.58	-59.54	7.74	12.70	V
	6840.96	-51.40	-13	-38.40	-68.11	-54.10	9.00	11.70	V
Middle	3462.48	-51.02	-13	-38.02	-65.77	-57.44	6.18	12.60	H
	5193.72	-50.00	-13	-37.00	-68.00	-54.96	7.74	12.70	H
	6924.96	-49.07	-13	-36.07	-67.88	-51.77	9.00	11.70	H
	3462.48	-55.49	-13	-42.49	-66.44	-61.91	6.18	12.60	V
	5193.72	-54.90	-13	-41.90	-67.9	-59.86	7.74	12.70	V
	6924.96	-50.70	-13	-37.70	-67.41	-53.40	9.00	11.70	V
Highest	3504.48	-50.34	-13	-37.34	-65.09	-56.76	6.18	12.60	H
	5256.72	-49.57	-13	-36.57	-67.57	-54.53	7.74	12.70	H
	7008.96	-49.31	-13	-36.31	-68.12	-52.01	9.00	11.70	H
	3504.48	-54.06	-13	-41.06	-65.01	-60.48	6.18	12.60	V
	5256.72	-54.82	-13	-41.82	-67.82	-59.78	7.74	12.70	V
	7008.96	-51.70	-13	-38.70	-68.41	-54.40	9.00	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.68	-49.02	-13	-36.02	-63.77	-55.44	6.18	12.60	H
	5131.02	-49.60	-13	-36.60	-67.60	-54.56	7.74	12.70	H
	6841.36	-49.08	-13	-36.08	-67.89	-51.78	9.00	11.70	H
	3420.68	-54.12	-13	-41.12	-65.07	-60.54	6.18	12.60	V
	5131.02	-54.66	-13	-41.66	-67.66	-59.62	7.74	12.70	V
	6841.36	-51.14	-13	-38.14	-67.85	-53.84	9.00	11.70	V
Middle	3460.68	-50.51	-13	-37.51	-65.26	-56.93	6.18	12.60	H
	5191.02	-49.29	-13	-36.29	-67.29	-54.25	7.74	12.70	H
	6921.36	-49.28	-13	-36.28	-68.09	-51.98	9.00	11.70	H
	3460.68	-55.44	-13	-42.44	-66.39	-61.86	6.18	12.60	V
	5191.02	-54.77	-13	-41.77	-67.77	-59.73	7.74	12.70	V
	6921.36	-51.05	-13	-38.05	-67.76	-53.75	9.00	11.70	V
Highest	3500.68	-50.20	-13	-37.20	-64.95	-56.62	6.18	12.60	H
	5251.02	-49.60	-13	-36.60	-67.60	-54.56	7.74	12.70	H
	7001.36	-48.30	-13	-35.30	-67.11	-51.00	9.00	11.70	H
	3500.68	-55.21	-13	-42.21	-66.16	-61.63	6.18	12.60	V
	5251.02	-54.46	-13	-41.46	-67.46	-59.42	7.74	12.70	V
	7001.36	-51.44	-13	-38.44	-68.15	-54.14	9.00	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421.18	-50.45	-13	-37.45	-65.20	-56.87	6.18	12.60	H
	5131.77	-49.52	-13	-36.52	-67.52	-54.48	7.74	12.70	H
	6842.36	-48.42	-13	-35.42	-67.23	-51.12	9.00	11.70	H
	3421.18	-55.15	-13	-42.15	-66.1	-61.57	6.18	12.60	V
	5131.77	-54.28	-13	-41.28	-67.28	-59.24	7.74	12.70	V
	6842.36	-50.88	-13	-37.88	-67.59	-53.58	9.00	11.70	V
Middle	3456.18	-51.16	-13	-38.16	-65.91	-57.58	6.18	12.60	H
	5184.27	-49.55	-13	-36.55	-67.55	-54.51	7.74	12.70	H
	6912.36	-49.22	-13	-36.22	-68.03	-51.92	9.00	11.70	H
	3456.18	-55.68	-13	-42.68	-66.63	-62.10	6.18	12.60	V
	5184.27	-54.74	-13	-41.74	-67.74	-59.70	7.74	12.70	V
	6912.36	-51.53	-13	-38.53	-68.24	-54.23	9.00	11.70	V
Highest	3491.18	-50.29	-13	-37.29	-65.04	-56.71	6.18	12.60	H
	5236.77	-48.49	-13	-35.49	-66.49	-53.45	7.74	12.70	H
	6982.36	-48.61	-13	-35.61	-67.42	-51.31	9.00	11.70	H
	3491.18	-55.47	-13	-42.47	-66.42	-61.89	6.18	12.60	V
	5236.77	-54.38	-13	-41.38	-67.38	-59.34	7.74	12.70	V
	6982.36	-50.66	-13	-37.66	-67.37	-53.36	9.00	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421.68	-42.88	-13	-29.88	-57.63	-49.30	6.18	12.60	H
	5132.52	-50.08	-13	-37.08	-68.08	-55.04	7.74	12.70	H
	6843.36	-49.54	-13	-36.54	-68.35	-52.24	9.00	11.70	H
	3421.68	-48.03	-13	-35.03	-58.98	-54.45	6.18	12.60	V
	5132.52	-54.85	-13	-41.85	-67.85	-59.81	7.74	12.70	V
	6843.36	-51.57	-13	-38.57	-68.28	-54.27	9.00	11.70	V
Middle	3451.68	-44.65	-13	-31.65	-59.40	-51.07	6.18	12.60	H
	5177.52	-49.63	-13	-36.63	-67.63	-54.59	7.74	12.70	H
	6903.36	-48.49	-13	-35.49	-67.30	-51.19	9.00	11.70	H
	3451.68	-49.41	-13	-36.41	-60.36	-55.83	6.18	12.60	V
	5177.52	-54.87	-13	-41.87	-67.87	-59.83	7.74	12.70	V
	6903.36	-50.91	-13	-37.91	-67.62	-53.61	9.00	11.70	V
Highest	3481.68	-45.71	-13	-32.71	-60.46	-52.13	6.18	12.60	H
	5222.52	-50.00	-13	-37.00	-68.00	-54.96	7.74	12.70	H
	6963.36	-49.12	-13	-36.12	-67.93	-51.82	9.00	11.70	H
	3481.68	-51.78	-13	-38.78	-62.73	-58.20	6.18	12.60	V
	5222.52	-54.88	-13	-41.88	-67.88	-59.84	7.74	12.70	V
	6963.36	-51.20	-13	-38.20	-67.91	-53.90	9.00	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3422.18	-43.21	-13	-30.21	-57.96	-49.63	6.18	12.60	H
	5133.27	-49.82	-13	-36.82	-67.82	-54.78	7.74	12.70	H
	6844.36	-49.23	-13	-36.23	-68.04	-51.93	9.00	11.70	H
	3422.18	-46.36	-13	-33.36	-57.74	-52.78	6.18	12.60	V
	5133.27	-54.37	-13	-41.37	-67.37	-59.33	7.74	12.70	V
	6844.36	-51.35	-13	-38.35	-68.06	-54.05	9.00	11.70	V
Middle	3447.18	-46.00	-13	-33.00	-60.75	-52.42	6.18	12.60	H
	5170.77	-49.67	-13	-36.67	-67.67	-54.63	7.74	12.70	H
	6894.36	-48.71	-13	-35.71	-67.52	-51.41	9.00	11.70	H
	3447.18	-49.92	-13	-36.92	-60.87	-56.34	6.18	12.60	V
	5170.77	-54.31	-13	-41.31	-67.31	-59.27	7.74	12.70	V
	6894.36	-51.65	-13	-38.65	-68.36	-54.35	9.00	11.70	V
Highest	3472.18	-45.35	-13	-32.35	-60.10	-51.77	6.18	12.60	H
	5208.27	-49.84	-13	-36.84	-67.84	-54.80	7.74	12.70	H
	6944.36	-49.42	-13	-36.42	-68.23	-52.12	9.00	11.70	H
	3472.18	-50.39	-13	-37.39	-61.34	-56.81	6.18	12.60	V
	5208.27	-54.52	-13	-41.52	-67.52	-59.48	7.74	12.70	V
	6944.36	-51.97	-13	-38.97	-68.68	-54.67	9.00	11.70	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5000.68	-41.87	-25	-16.87	-58.07	-53.63	0.94	12.70	H
	7501.02	-45.46	-25	-20.46	-66.83	-55.47	1.69	11.70	H
	10001.36	-43.17	-25	-18.17	-67.53	-53.83	1.44	12.10	H
	12500.00	-32.36	-25	-7.36	-60.42	-43.99	1.97	13.60	H
	5000.68	-42.63	-25	-17.63	-58.48	-54.39	0.94	12.70	V
	7501.02	-47.31	-25	-22.31	-68.3	-57.32	1.69	11.70	V
	10001.36	-44.19	-25	-19.19	-67.09	-54.85	1.44	12.10	V
	12500.00	-34.66	-25	-9.66	-61.89	-46.29	1.97	13.60	V
	5065.68	-50.79	-25	-25.79	-66.99	-62.55	0.94	12.70	H
Middle	7598.52	-45.76	-25	-20.76	-67.13	-55.77	1.69	11.70	H
	10131.36	-45.00	-25	-20.00	-69.36	-55.66	1.44	12.10	H
	12664.00	-30.45	-25	-5.45	-58.51	-42.08	1.97	13.60	H
	5065.68	-50.74	-25	-25.74	-66.49	-62.50	0.94	12.70	V
	7598.52	-46.65	-25	-21.65	-67.64	-56.66	1.69	11.70	V
	10131.36	-47.29	-25	-22.29	-70.19	-57.95	1.44	12.10	V
	12664.00	-34.86	-25	-9.86	-62.09	-46.49	1.97	13.60	V
	5130.68	-51.20	-25	-26.20	-67.40	-62.96	0.94	12.70	H
Highest	7696.02	-45.26	-25	-20.26	-66.63	-55.27	1.69	11.70	H
	10261.36	-42.63	-25	-17.63	-66.99	-53.29	1.44	12.10	H
	12828.00	-32.69	-25	-7.69	-60.75	-44.32	1.97	13.60	H
	5130.68	-50.62	-25	-25.62	-66.37	-62.38	0.94	12.70	V
	7696.02	-46.78	-25	-21.78	-67.77	-56.79	1.69	11.70	V
	10261.36	-46.02	-25	-21.02	-68.92	-56.68	1.44	12.10	V
	12828.00	-35.27	-25	-10.27	-62.50	-46.90	1.97	13.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.18	-47.69	-25	-22.69	-63.89	-59.45	0.94	12.70	H
	7501.77	-44.99	-25	-19.99	-66.36	-55.00	1.69	11.70	H
	10002.36	-43.89	-25	-18.89	-68.25	-54.55	1.44	12.10	H
	12504.00	-31.71	-25	-6.71	-59.77	-43.34	1.97	13.60	H
	5001.18	-49.08	-25	-24.08	-64.83	-60.84	0.94	12.70	V
	7501.77	-47.34	-25	-22.34	-68.33	-57.35	1.69	11.70	V
	10002.36	-44.69	-25	-19.69	-67.59	-55.35	1.44	12.10	V
	12504.00	-41.64	-25	-16.64	-68.87	-53.27	1.97	13.60	V
	5061.18	-50.27	-25	-25.27	-66.47	-62.03	0.94	12.70	H
Middle	7591.77	-46.20	-25	-21.20	-67.57	-56.21	1.69	11.70	H
	10122.36	-45.26	-25	-20.26	-69.62	-55.92	1.44	12.10	H
	12652.00	-30.15	-25	-5.15	-58.21	-41.78	1.97	13.60	H
	5061.18	-51.59	-25	-26.59	-67.34	-63.35	0.94	12.70	V
	7591.77	-46.97	-25	-21.97	-67.96	-56.98	1.69	11.70	V
	10122.36	-46.63	-25	-21.63	-69.53	-57.29	1.44	12.10	V
	12652.00	-36.73	-25	-11.73	-63.96	-48.36	1.97	13.60	V
	5121.18	-50.59	-25	-25.59	-66.79	-62.35	0.94	12.70	H
Highest	7681.77	-46.26	-25	-21.26	-67.63	-56.27	1.69	11.70	H
	10242.36	-43.99	-25	-18.99	-68.35	-54.65	1.44	12.10	H
	12804.00	-31.73	-25	-6.73	-59.79	-43.36	1.97	13.60	H
	5121.18	-51.14	-25	-26.14	-66.89	-62.90	0.94	12.70	V
	7681.77	-46.44	-25	-21.44	-67.43	-56.45	1.69	11.70	V
	10242.36	-46.79	-25	-21.79	-69.69	-57.45	1.44	12.10	V
	12804.00	-37.45	-25	-12.45	-64.68	-49.08	1.97	13.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5001.68	-45.82	-25	-20.82	-62.02	-57.58	0.94	12.70	H
	7502.52	-46.68	-25	-21.68	-68.05	-56.69	1.69	11.70	H
	10003.36	-44.49	-25	-19.49	-68.85	-55.15	1.44	12.10	H
	12504.00	-31.94	-25	-6.94	-60.00	-43.57	1.97	13.60	H
	5001.68	-46.41	-25	-21.41	-62.16	-58.17	0.94	12.70	V
	7502.52	-47.50	-25	-22.50	-68.49	-57.51	1.69	11.70	V
	10003.36	-44.58	-25	-19.58	-67.48	-55.24	1.44	12.10	V
	12504.00	-34.39	-25	-9.39	-61.62	-46.02	1.97	13.60	V
Middle	5056.68	-48.86	-25	-23.86	-65.06	-60.62	0.94	12.70	H
	7585.02	-45.07	-25	-20.07	-66.44	-55.08	1.69	11.70	H
	10131.36	-45.97	-25	-20.97	-70.33	-56.63	1.44	12.10	H
	12640.00	-33.40	-25	-8.40	-61.46	-45.03	1.97	13.60	H
	5056.68	-51.39	-25	-26.39	-67.14	-63.15	0.94	12.70	V
	7585.02	-46.86	-25	-21.86	-67.85	-56.87	1.69	11.70	V
	10131.36	-47.32	-25	-22.32	-70.22	-57.98	1.44	12.10	V
	12640.00	-33.55	-25	-8.55	-60.78	-45.18	1.97	13.60	V
Highest	5111.68	-50.89	-25	-25.89	-67.09	-62.65	0.94	12.70	H
	7667.52	-45.43	-25	-20.43	-66.80	-55.44	1.69	11.70	H
	10223.36	-44.49	-25	-19.49	-68.85	-55.15	1.44	12.10	H
	12780.00	-31.10	-25	-6.10	-59.16	-42.73	1.97	13.60	H
	5111.68	-51.08	-25	-26.08	-66.83	-62.84	0.94	12.70	V
	7667.52	-46.89	-25	-21.89	-67.88	-56.90	1.69	11.70	V
	10223.36	-47.17	-25	-22.17	-70.07	-57.83	1.44	12.10	V
	12780.00	-35.84	-25	-10.84	-63.07	-47.47	1.97	13.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5002.18	-45.86	-25	-20.86	-62.06	-57.62	0.94	12.70	H
	7503.27	-45.78	-25	-20.78	-67.15	-55.79	1.69	11.70	H
	10004.36	-44.46	-25	-19.46	-68.82	-55.12	1.44	12.10	H
	12504.00	-31.65	-25	-6.65	-59.71	-43.28	1.97	13.60	H
	5002.18	-45.53	-25	-20.53	-61.28	-57.29	0.94	12.70	V
	7503.27	-47.29	-25	-22.29	-68.28	-57.30	1.69	11.70	V
	10004.36	-46.36	-25	-21.36	-69.26	-57.02	1.44	12.10	V
	12504.00	-35.03	-25	-10.03	-62.26	-46.66	1.97	13.60	V
Middle	5052.18	-51.43	-25	-26.43	-67.63	-63.19	0.94	12.70	H
	7578.27	-45.85	-25	-20.85	-67.22	-55.86	1.69	11.70	H
	10104.36	-45.53	-25	-20.53	-69.89	-56.19	1.44	12.10	H
	12632.00	-32.82	-25	-7.82	-60.88	-44.45	1.97	13.60	H
	5052.18	-50.72	-25	-25.72	-66.47	-62.48	0.94	12.70	V
	7578.27	-46.31	-25	-21.31	-67.3	-56.32	1.69	11.70	V
	10104.36	-46.82	-25	-21.82	-69.72	-57.48	1.44	12.10	V
	12632.00	-35.13	-25	-10.13	-62.36	-46.76	1.97	13.60	V
Highest	5102.18	-51.04	-25	-26.04	-67.24	-62.80	0.94	12.70	H
	7653.27	-45.42	-25	-20.42	-66.79	-55.43	1.69	11.70	H
	10204.36	-45.85	-25	-20.85	-70.21	-56.51	1.44	12.10	H
	12756.00	-32.37	-25	-7.37	-60.43	-44.00	1.97	13.60	H
	5102.18	-49.99	-25	-24.99	-65.74	-61.75	0.94	12.70	V
	7653.27	-46.75	-25	-21.75	-67.74	-56.76	1.69	11.70	V
	10204.36	-47.90	-25	-22.90	-70.8	-58.56	1.44	12.10	V
	12756.00	-35.29	-25	-10.29	-62.52	-46.92	1.97	13.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.14	-59.38	-13	-46.38	-62.21	-66.07	0.56	9.40	H
	2097.21	-58.57	-13	-45.57	-64.31	-66.28	0.74	10.60	H
	2796.28	-56.94	-13	-43.94	-65.75	-66.54	0.85	12.60	H
	1398.14	-61.49	-13	-48.49	-63.15	-68.18	0.56	9.40	V
	2097.21	-58.23	-13	-45.23	-63.81	-65.94	0.74	10.60	V
	2796.28	-57.68	-13	-44.68	-65.82	-67.28	0.85	12.60	V
Middle	1413.74	-60.66	-13	-47.66	-63.49	-67.35	0.56	9.40	H
	2120.61	-59.34	-13	-46.34	-65.08	-67.05	0.74	10.60	H
	2827.48	-57.10	-13	-44.10	-65.91	-66.70	0.85	12.60	H
	1413.74	-61.97	-13	-48.97	-63.63	-68.66	0.56	9.40	V
	2120.61	-60.16	-13	-47.16	-65.74	-67.87	0.74	10.60	V
	2827.48	-57.62	-13	-44.62	-65.76	-67.22	0.85	12.60	V
Highest	1429.34	-60.22	-13	-47.22	-63.05	-66.91	0.56	9.40	H
	2144.01	-59.28	-13	-46.28	-65.02	-66.99	0.74	10.60	H
	2858.68	-56.34	-13	-43.34	-65.15	-65.94	0.85	12.60	H
	1429.34	-61.66	-13	-48.66	-63.32	-68.35	0.56	9.40	V
	2144.01	-59.22	-13	-46.22	-64.80	-66.93	0.74	10.60	V
	2858.68	-56.54	-13	-43.54	-64.68	-66.14	0.85	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.3	-59.96	-13	-46.96	-62.79	-66.65	0.56	9.40	H
	2097.45	-58.91	-13	-45.91	-64.65	-66.62	0.74	10.60	H
	2796.6	-56.73	-13	-43.73	-65.54	-66.33	0.85	12.60	H
	1398.3	-61.67	-13	-48.67	-63.33	-68.36	0.56	9.40	V
	2097.45	-57.79	-13	-44.79	-63.37	-65.50	0.74	10.60	V
	2796.6	-57.94	-13	-44.94	-66.08	-67.54	0.85	12.60	V
Middle	1412.3	-60.95	-13	-47.95	-63.78	-67.64	0.56	9.40	H
	2118.45	-59.35	-13	-46.35	-65.09	-67.06	0.74	10.60	H
	2824.6	-56.51	-13	-43.51	-65.32	-66.11	0.85	12.60	H
	1412.3	-62.62	-13	-49.62	-64.28	-69.31	0.56	9.40	V
	2118.45	-59.73	-13	-46.73	-65.31	-67.44	0.74	10.60	V
	2824.6	-57.92	-13	-44.92	-66.06	-67.52	0.85	12.60	V
Highest	1427	-60.76	-13	-47.76	-63.59	-67.45	0.56	9.40	H
	2140.5	-60.06	-13	-47.06	-65.80	-67.77	0.74	10.60	H
	2854	-57.13	-13	-44.13	-65.94	-66.73	0.85	12.60	H
	1427	-62.20	-13	-49.20	-63.86	-68.89	0.56	9.40	V
	2140.5	-57.86	-13	-44.86	-63.44	-65.57	0.74	10.60	V
	2854	-57.61	-13	-44.61	-65.75	-67.21	0.85	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.5	-59.76	-13	-46.76	-62.59	-66.45	0.56	9.40	H
	2097.75	-59.93	-13	-46.93	-65.67	-67.64	0.74	10.60	H
	2797	-57.20	-13	-44.20	-66.01	-66.80	0.85	12.60	H
	1398.5	-62.09	-13	-49.09	-63.75	-68.78	0.56	9.40	V
	2097.75	-57.55	-13	-44.55	-63.13	-65.26	0.74	10.60	V
	2797	-57.44	-13	-44.44	-65.58	-67.04	0.85	12.60	V
Middle	1410.5	-61.48	-13	-48.48	-64.31	-68.17	0.56	9.40	H
	2115.75	-60.01	-13	-47.01	-65.75	-67.72	0.74	10.60	H
	2821	-57.45	-13	-44.45	-66.26	-67.05	0.85	12.60	H
	1410.5	-62.14	-13	-49.14	-63.80	-68.83	0.56	9.40	V
	2115.75	-59.21	-13	-46.21	-64.79	-66.92	0.74	10.60	V
	2821	-57.41	-13	-44.41	-65.55	-67.01	0.85	12.60	V
Highest	1422.5	-61.30	-13	-48.30	-64.13	-67.99	0.56	9.40	H
	2133.75	-59.78	-13	-46.78	-65.52	-67.49	0.74	10.60	H
	2845	-57.31	-13	-44.31	-66.12	-66.91	0.85	12.60	H
	1422.5	-62.56	-13	-49.56	-64.22	-69.25	0.56	9.40	V
	2133.75	-56.03	-13	-43.03	-61.61	-63.74	0.74	10.60	V
	2845	-58.08	-13	-45.08	-66.22	-67.68	0.85	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-60.70	-13	-47.70	-63.53	-67.39	0.56	9.40	H
	2098.5	-60.25	-13	-47.25	-65.99	-67.96	0.74	10.60	H
	2798	-56.90	-13	-43.90	-65.71	-66.50	0.85	12.60	H
	1399	-61.81	-13	-48.81	-63.47	-68.50	0.56	9.40	V
	2098.5	-58.85	-13	-45.85	-64.43	-66.56	0.74	10.60	V
	2798	-57.53	-13	-44.53	-65.67	-67.13	0.85	12.60	V
Middle	1406	-60.86	-13	-47.86	-63.69	-67.55	0.56	9.40	H
	2109	-59.59	-13	-46.59	-65.33	-67.30	0.74	10.60	H
	2812	-57.04	-13	-44.04	-65.85	-66.64	0.85	12.60	H
	1406	-62.22	-13	-49.22	-63.88	-68.91	0.56	9.40	V
	2109	-58.43	-13	-45.43	-64.01	-66.14	0.74	10.60	V
	2812	-57.53	-13	-44.53	-65.67	-67.13	0.85	12.60	V
Highest	1413	-60.84	-13	-47.84	-63.67	-67.53	0.56	9.40	H
	2119.5	-59.69	-13	-46.69	-65.43	-67.40	0.74	10.60	H
	2826	-56.93	-13	-43.93	-65.74	-66.53	0.85	12.60	H
	1413	-61.24	-13	-48.24	-62.90	-67.93	0.56	9.40	V
	2119.5	-59.52	-13	-46.52	-65.10	-67.23	0.74	10.60	V
	2826	-57.24	-13	-44.24	-65.38	-66.84	0.85	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 17 / 5MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1408.68	-60.88	-13	-47.88	-63.71	-67.57	0.56	9.40	H
	2113.02	-59.59	-13	-46.59	-65.33	-67.30	0.74	10.60	H
	2817.36	-57.10	-13	-44.10	-65.91	-66.70	0.85	12.60	H
	1408.68	-62.01	-13	-49.01	-63.67	-68.70	0.56	9.40	V
	2113.02	-59.43	-13	-46.43	-65.01	-67.14	0.74	10.60	V
	2817.36	-58.28	-13	-45.28	-66.42	-67.88	0.85	12.60	V
Middle	1415.68	-60.78	-13	-47.78	-63.61	-67.47	0.56	9.40	H
	2123.58	-59.55	-13	-46.55	-65.29	-67.26	0.74	10.60	H
	2831.36	-56.90	-13	-43.90	-65.71	-66.50	0.85	12.60	H
	1415.68	-62.32	-13	-49.32	-63.98	-69.01	0.56	9.40	V
	2123.58	-60.06	-13	-47.06	-65.64	-67.77	0.74	10.60	V
	2831.36	-57.80	-13	-44.80	-65.94	-67.40	0.85	12.60	V
Highest	1422.68	-61.29	-13	-48.29	-64.12	-67.98	0.56	9.40	H
	2134.02	-59.64	-13	-46.64	-65.38	-67.35	0.74	10.60	H
	2845.36	-57.30	-13	-44.30	-66.11	-66.90	0.85	12.60	H
	1422.68	-62.51	-13	-49.51	-64.17	-69.20	0.56	9.40	V
	2134.02	-59.23	-13	-46.23	-64.81	-66.94	0.74	10.60	V
	2845.36	-57.44	-13	-44.44	-65.58	-67.04	0.85	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 17 / 10MHz / QPSK / RB Size 1 Offset 0									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1409.18	-60.95	-13	-47.95	-63.78	-67.64	0.56	9.40	H
	2113.77	-59.65	-13	-46.65	-65.39	-67.36	0.74	10.60	H
	2818.36	-55.70	-13	-42.70	-64.51	-65.30	0.85	12.60	H
	1409.18	-62.15	-13	-49.15	-63.81	-68.84	0.56	9.40	V
	2113.77	-60.30	-13	-47.30	-65.88	-68.01	0.74	10.60	V
	2818.36	-57.46	-13	-44.46	-65.60	-67.06	0.85	12.60	V
Middle	1411.18	-61.13	-13	-48.13	-63.96	-67.82	0.56	9.40	H
	2116.77	-59.41	-13	-46.41	-65.15	-67.12	0.74	10.60	H
	2822.36	-56.74	-13	-43.74	-65.55	-66.34	0.85	12.60	H
	1411.18	-62.32	-13	-49.32	-63.98	-69.01	0.56	9.40	V
	2116.77	-60.61	-13	-47.61	-66.19	-68.32	0.74	10.60	V
	2822.36	-56.32	-13	-43.32	-64.46	-65.92	0.85	12.60	V
Highest	1413.18	-60.72	-13	-47.72	-63.55	-67.41	0.56	9.40	H
	2119.77	-60.03	-13	-47.03	-65.77	-67.74	0.74	10.60	H
	2826.36	-57.04	-13	-44.04	-65.85	-66.64	0.85	12.60	H
	1413.18	-62.32	-13	-49.32	-63.98	-69.01	0.56	9.40	V
	2119.77	-59.62	-13	-46.62	-65.20	-67.33	0.74	10.60	V
	2826.36	-57.70	-13	-44.70	-65.84	-67.30	0.85	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.