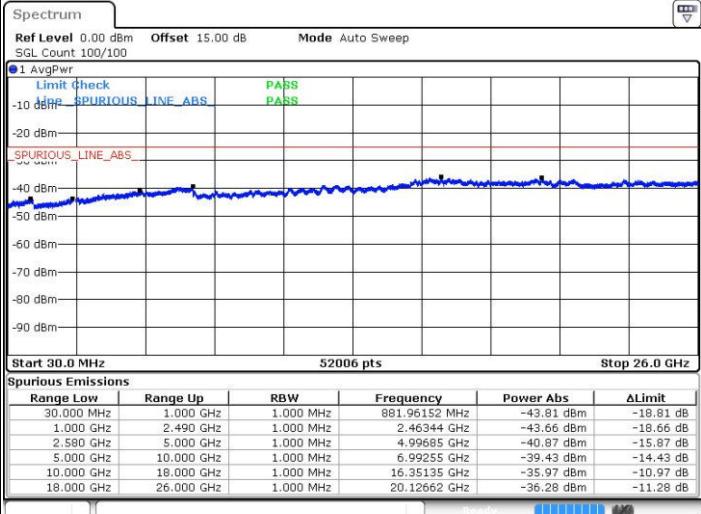
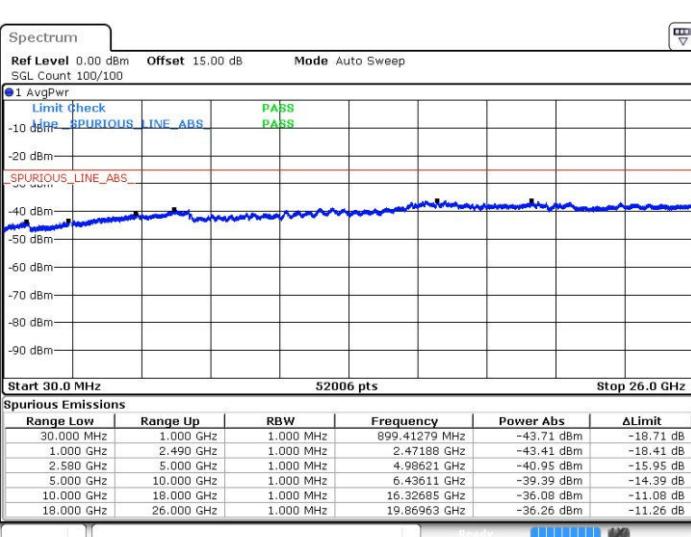




LTE Band7 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM

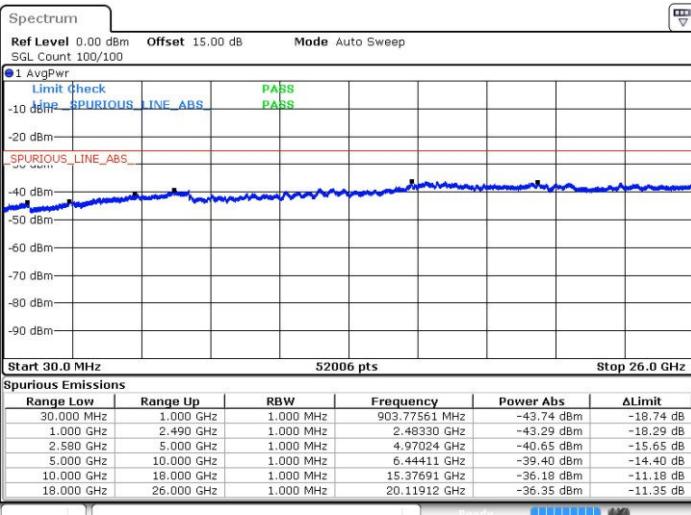


Date: 18.MAY.2016 00:18:16

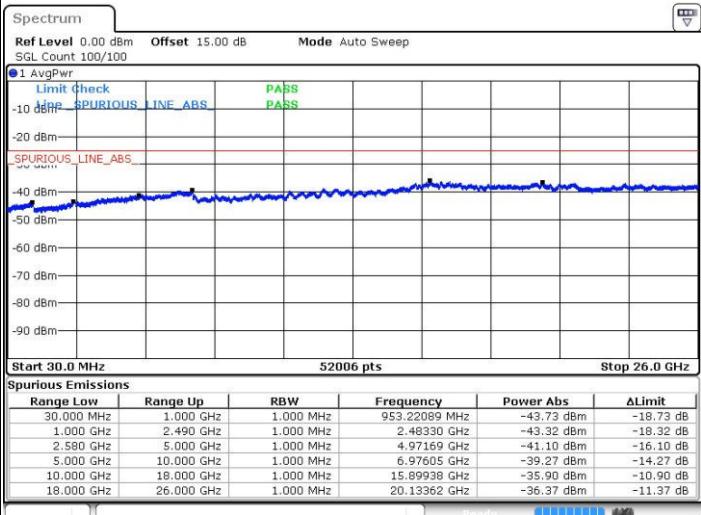
LTE Band 7 / 20MHz

Lowest Channel / QPSK

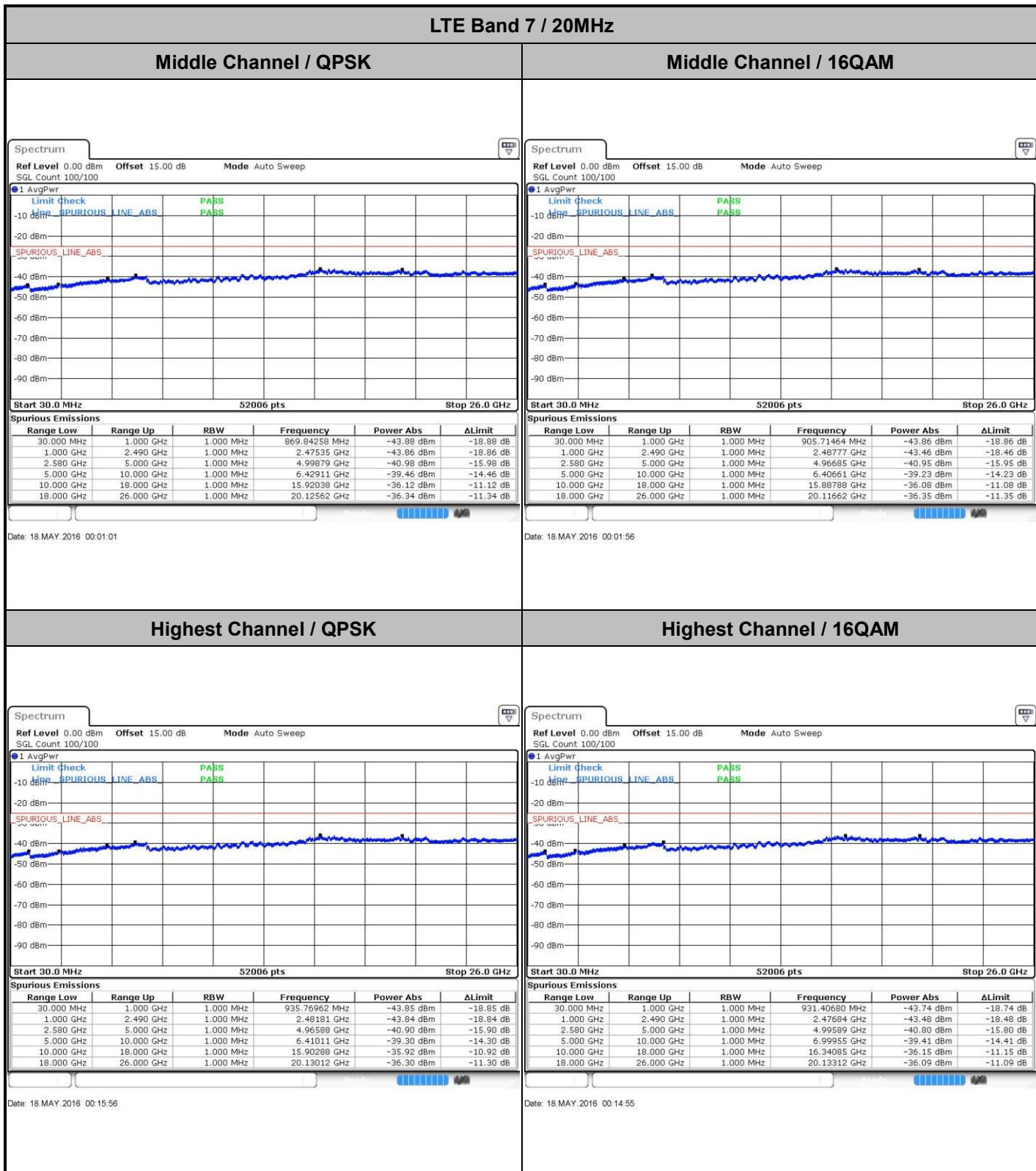
Lowest Channel / 16QAM

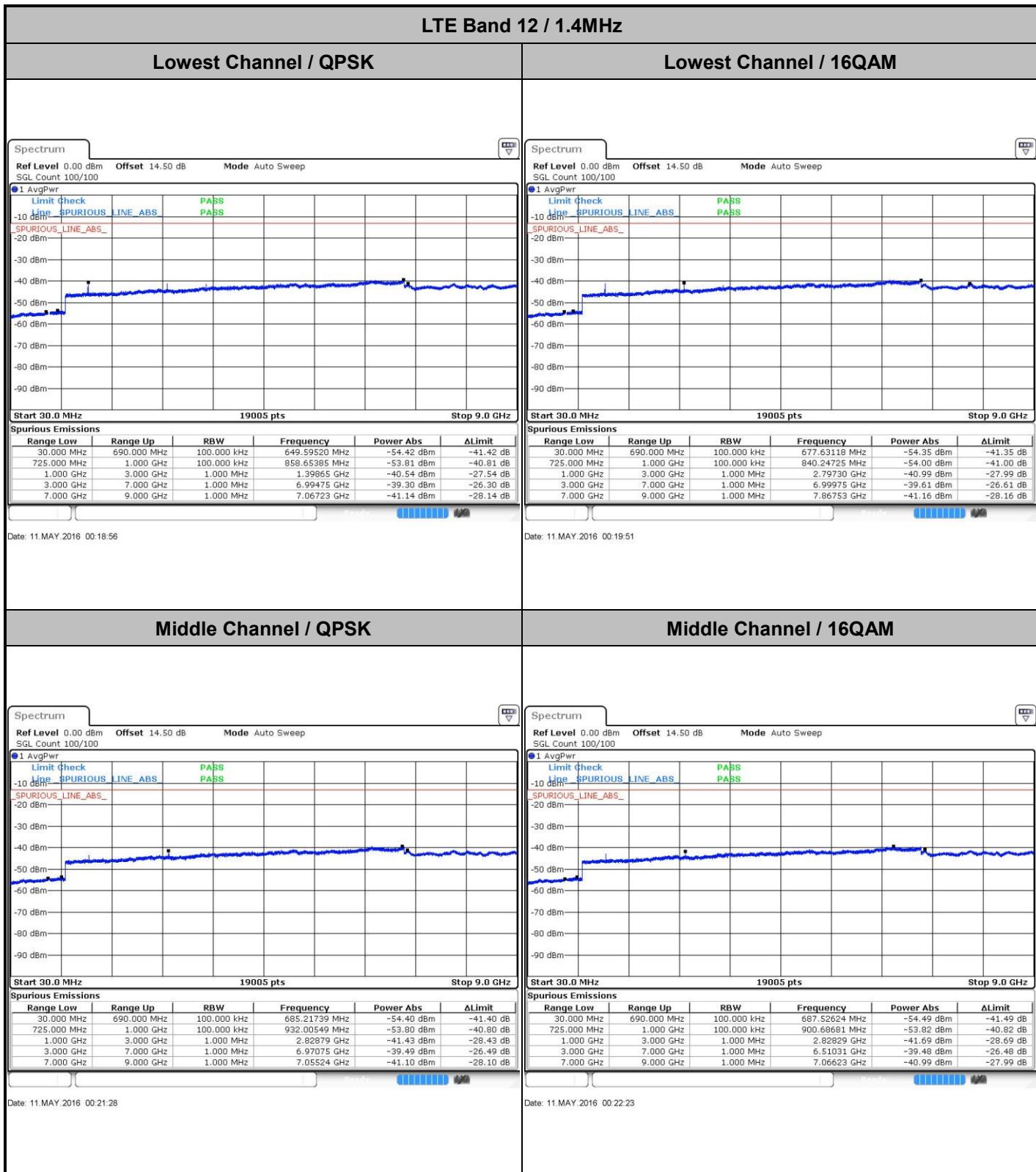


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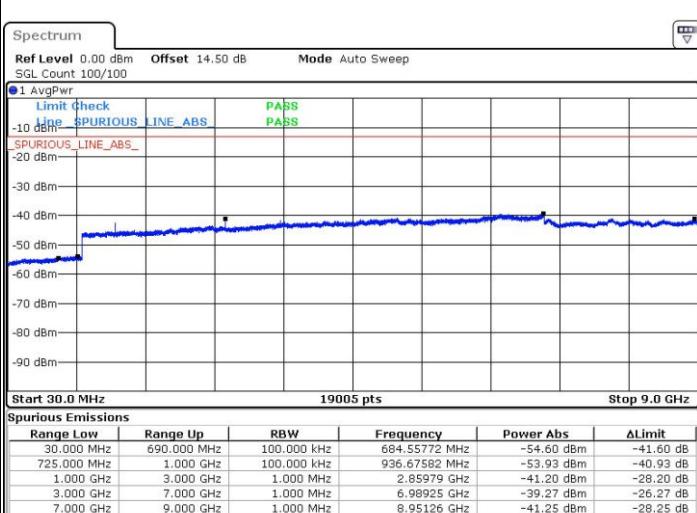
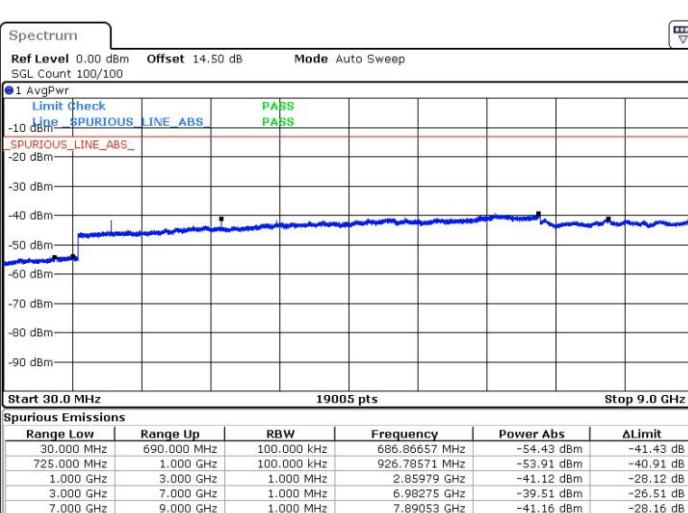




LTE Band 12 / 1.4MHz

Highest Channel / QPSK

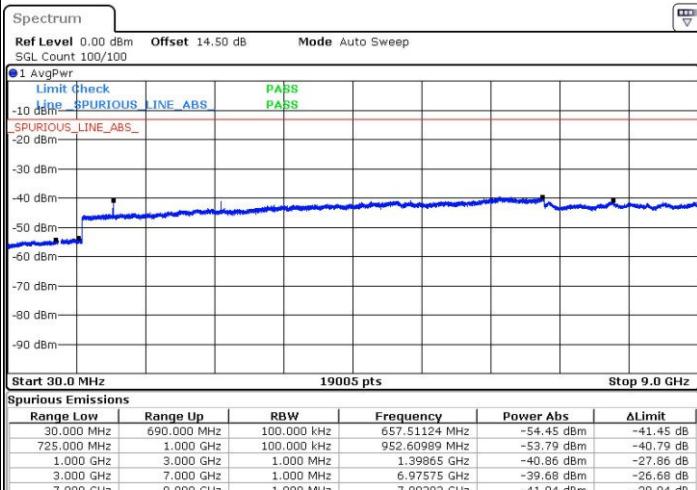
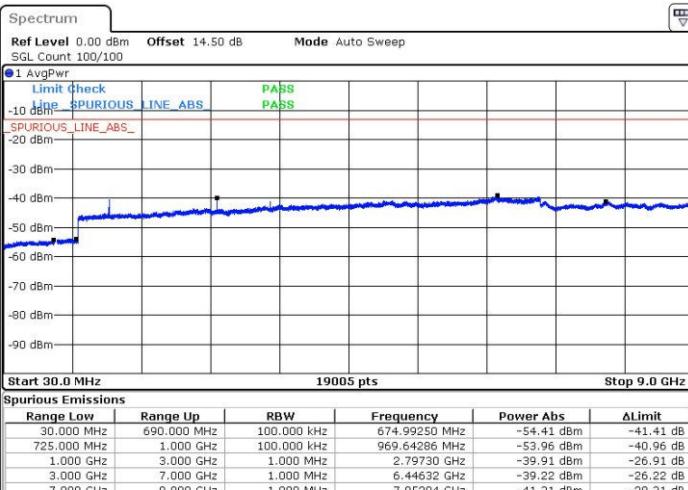
Highest Channel / 16QAM

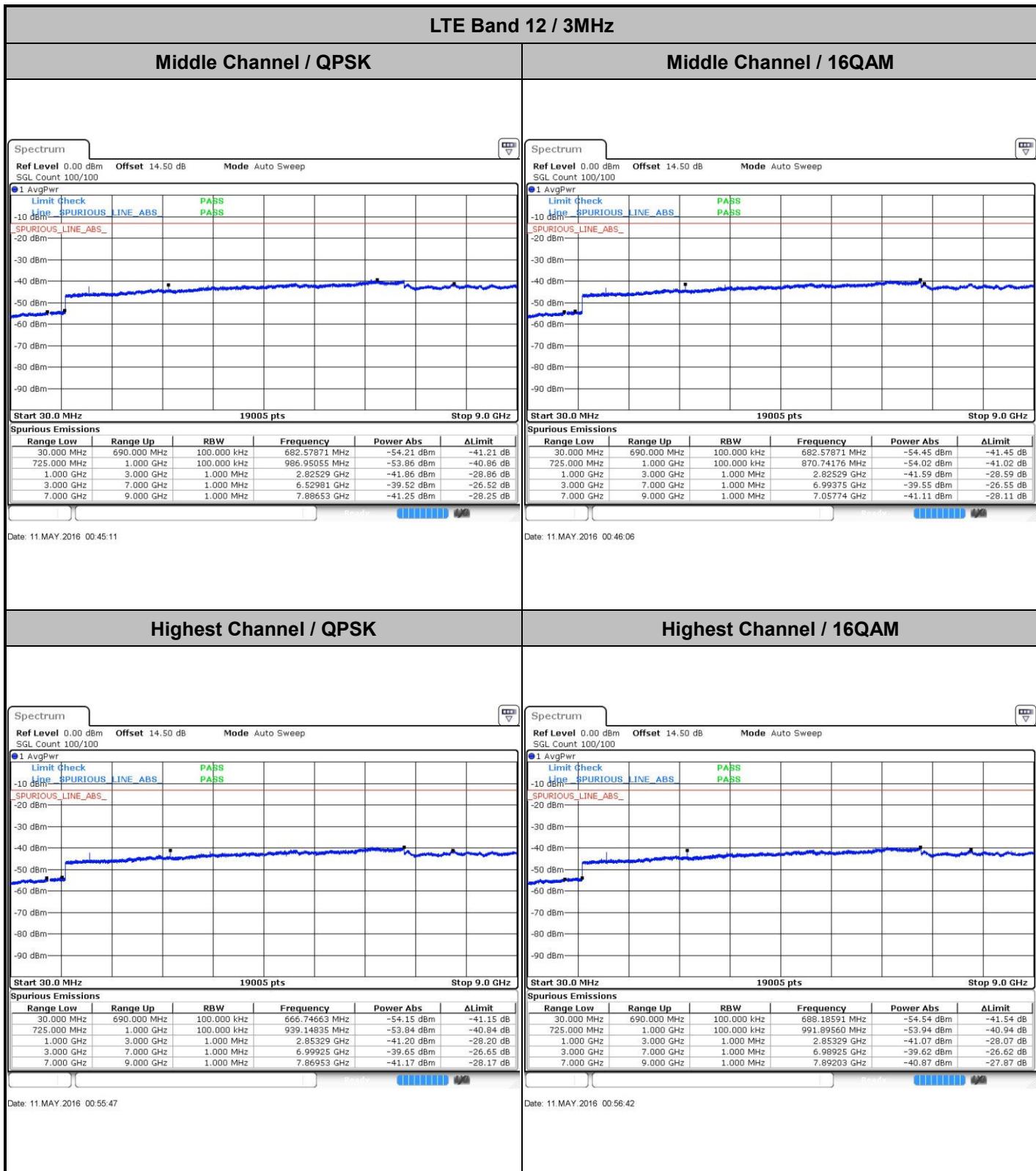


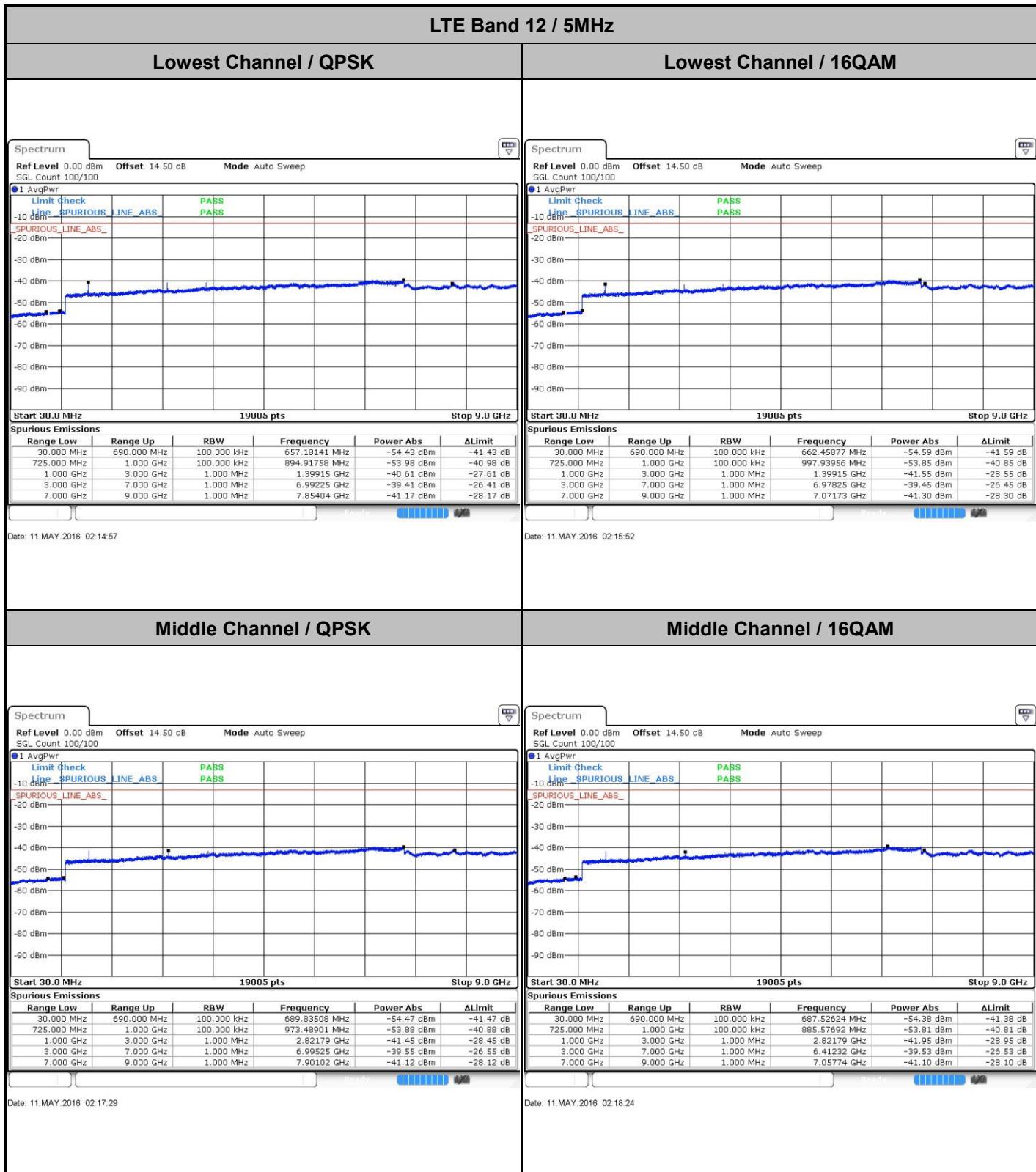
LTE Band 12 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM





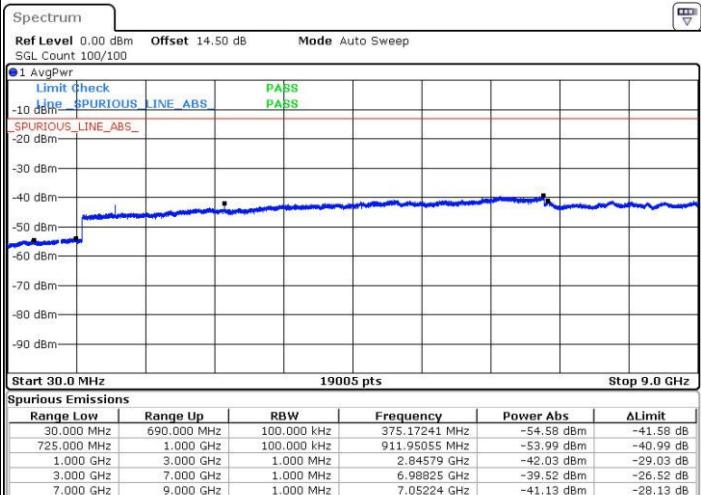
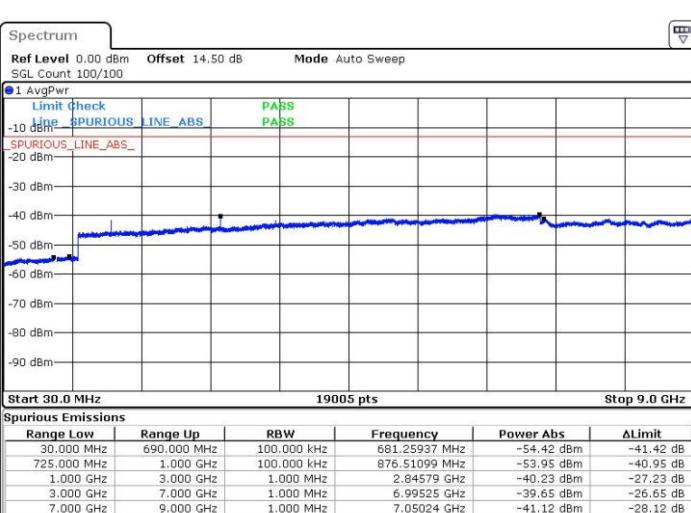




LTE Band 12 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



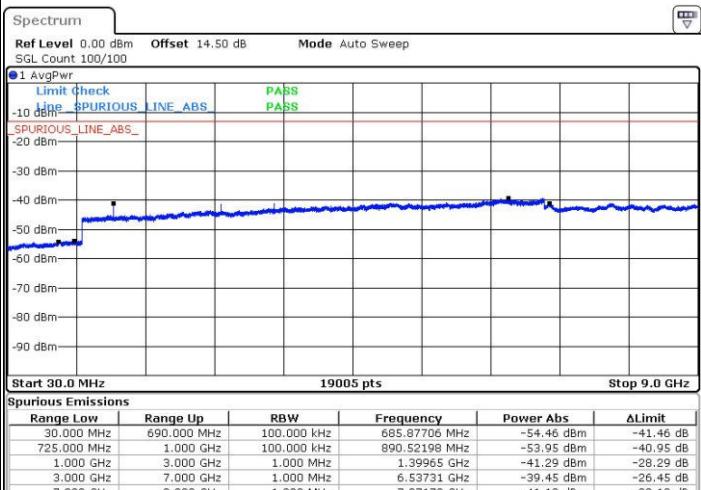
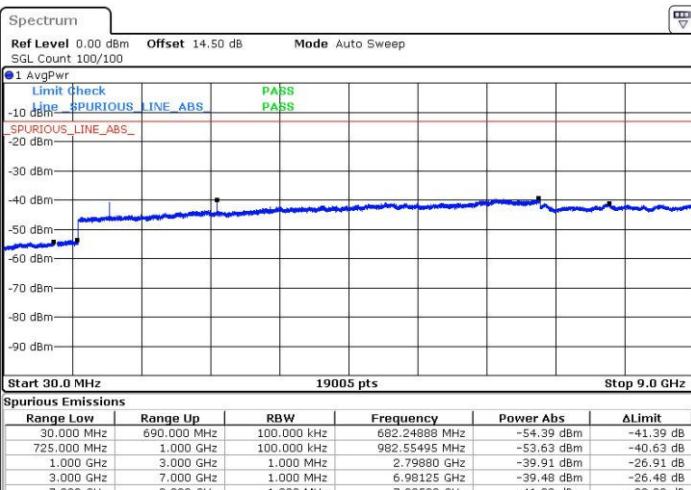
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Date: 11.MAY.2016 02:29:00

LTE Band 12 / 10MHz

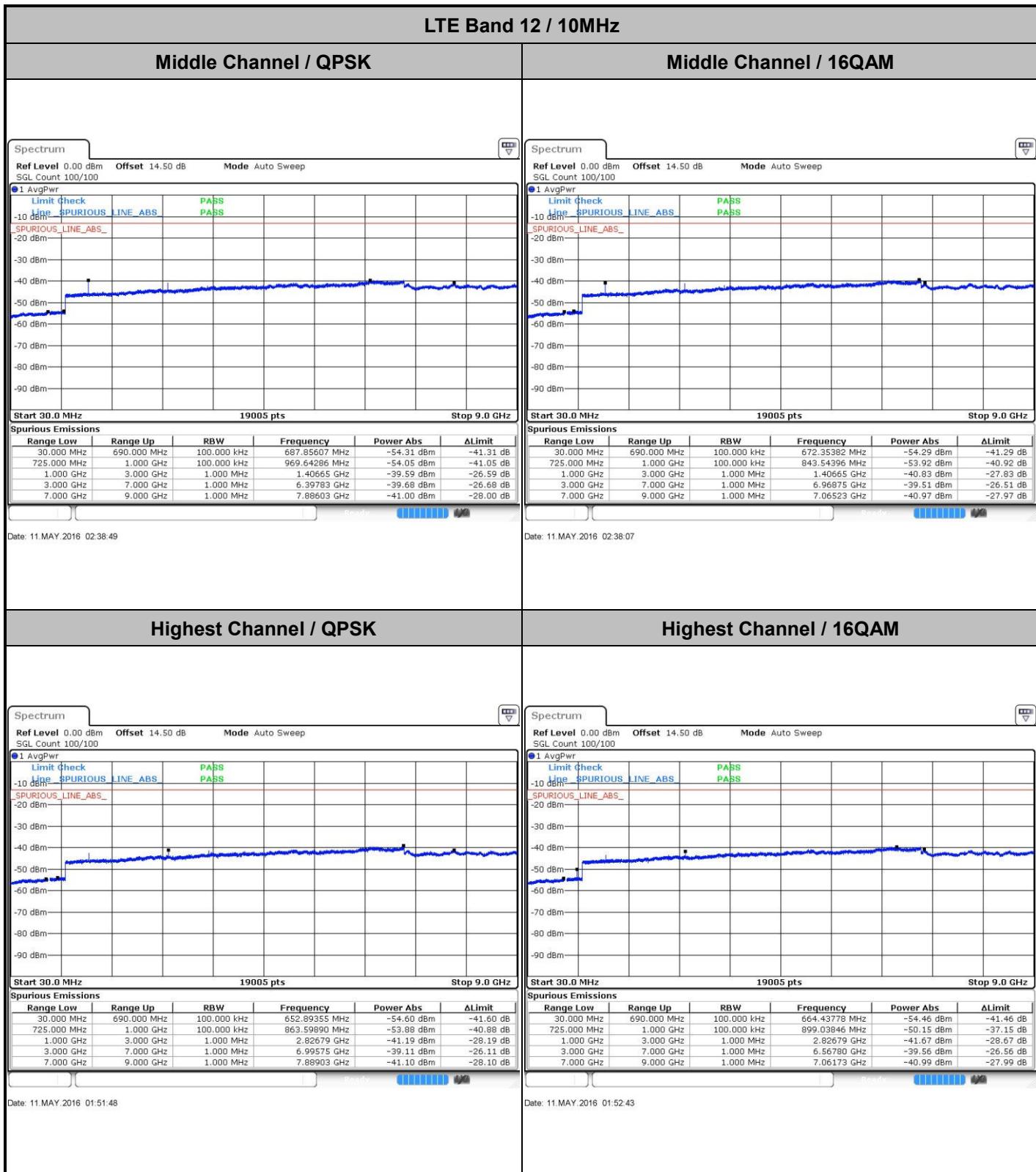
Lowest Channel / QPSK

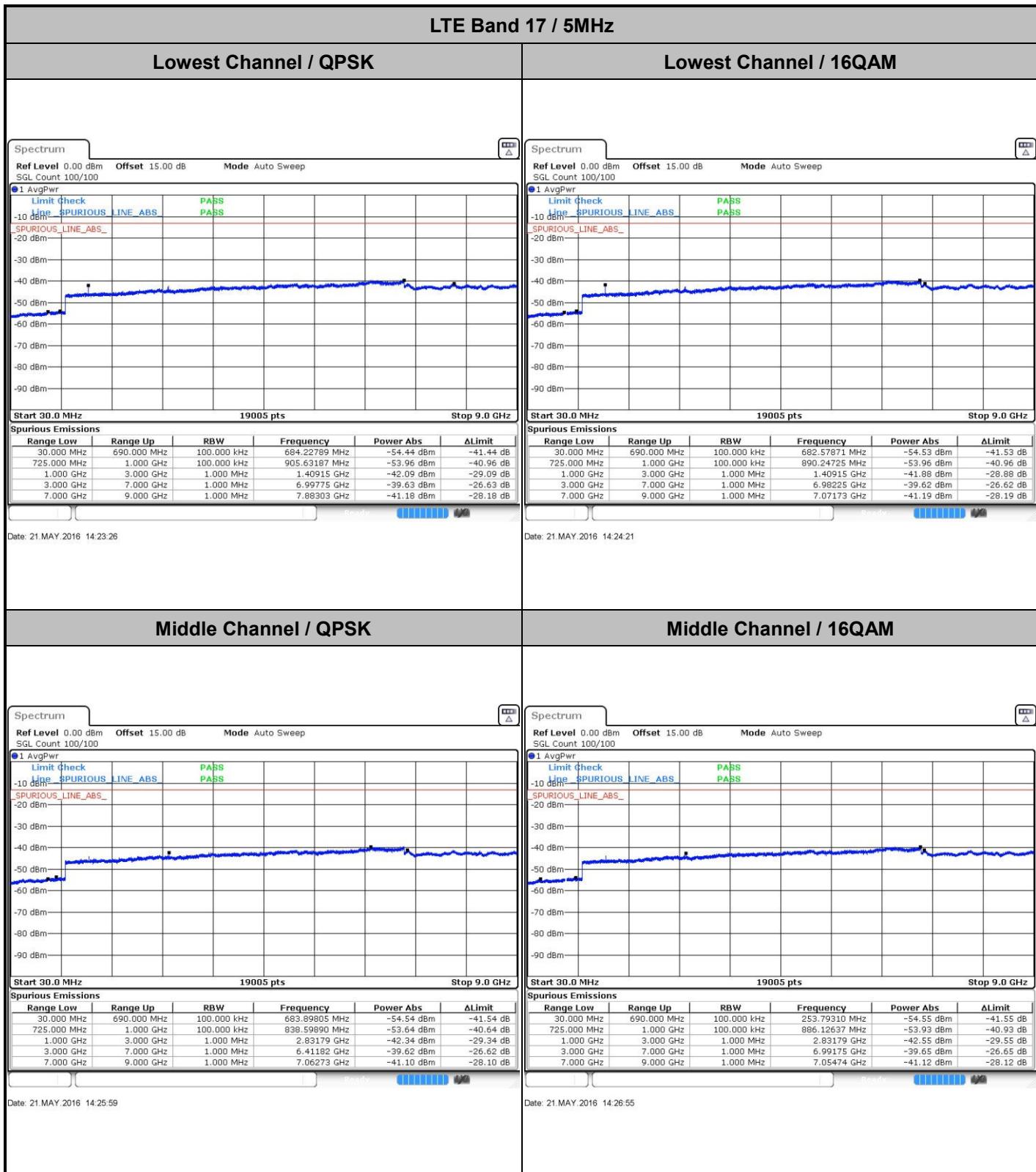
Lowest Channel / 16QAM



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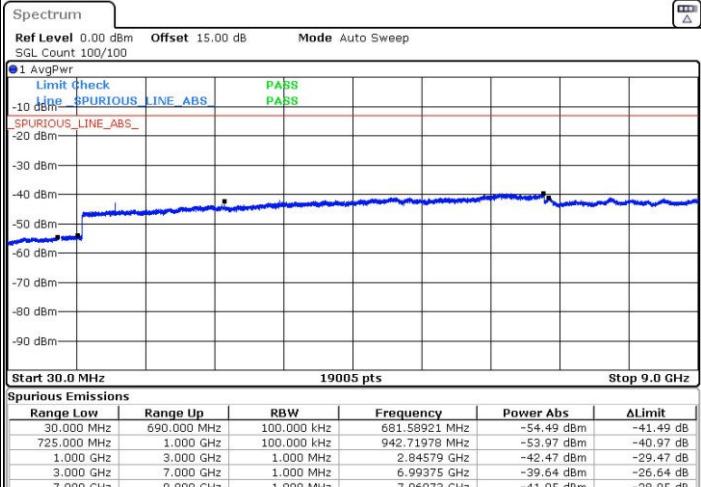
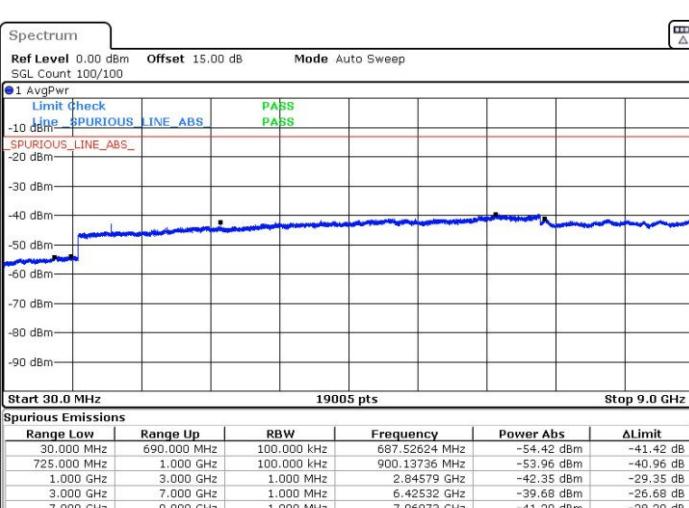




LTE Band 17 / 5MHz

Highest Channel / QPSK

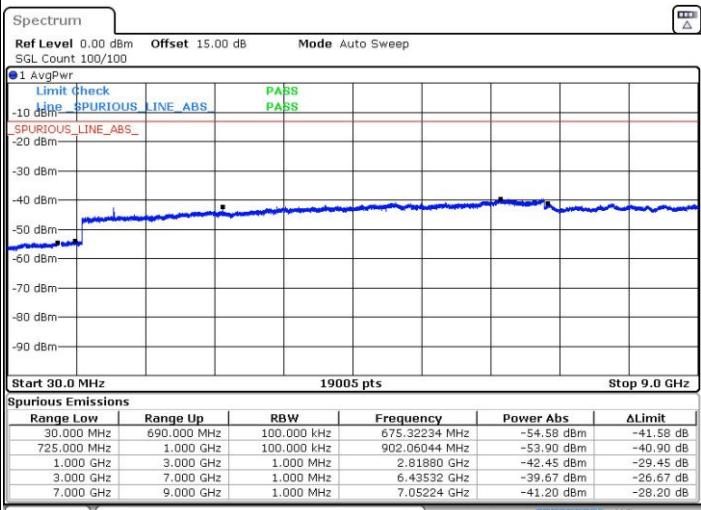
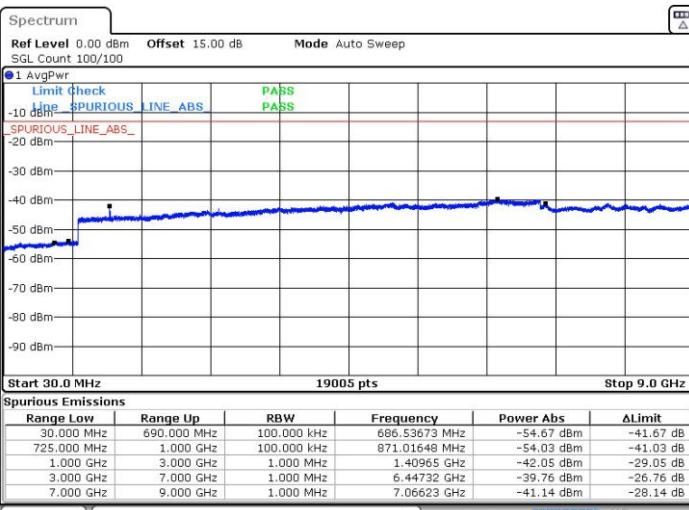
Highest Channel / 16QAM



LTE Band 17 / 10MHz

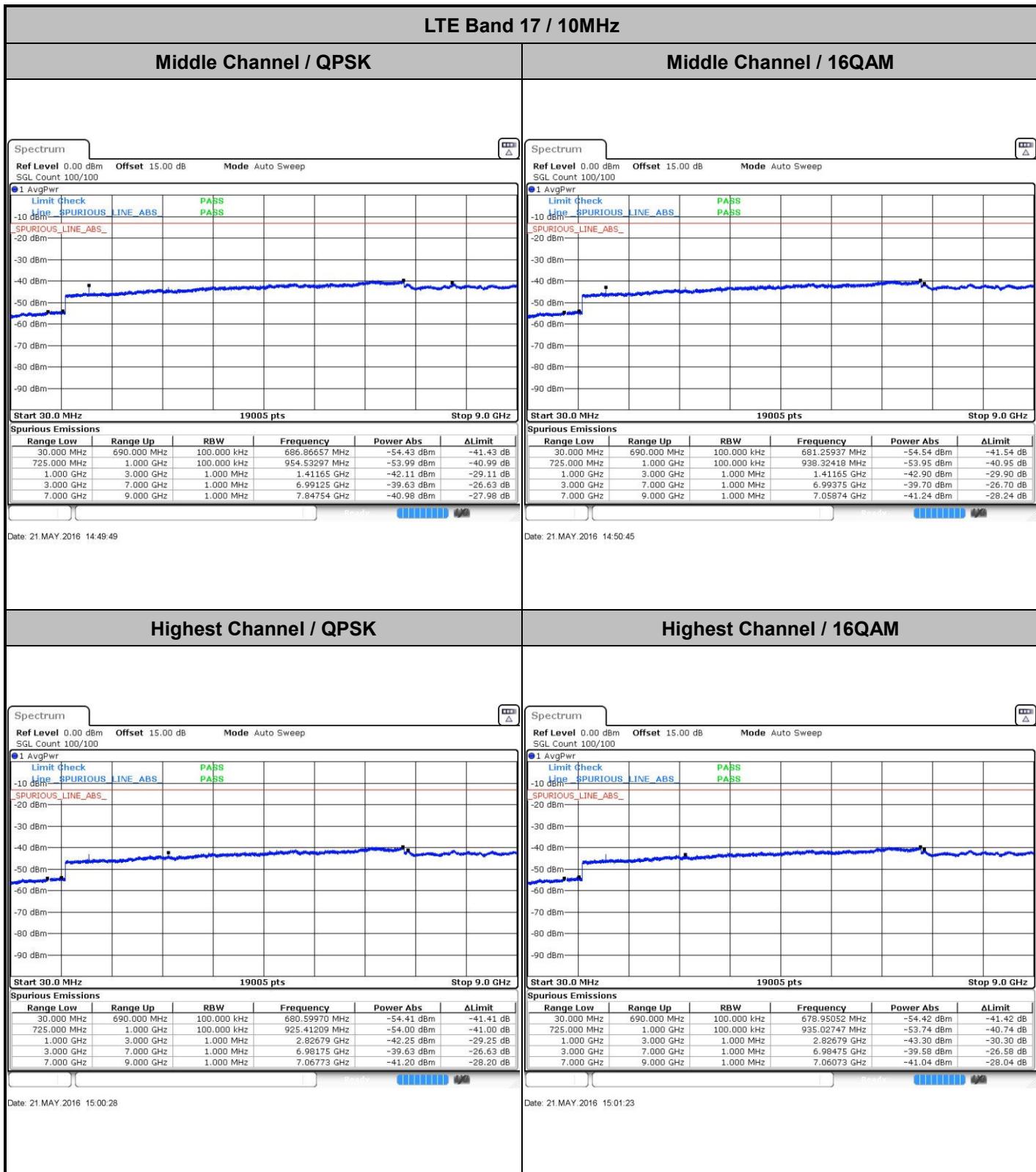
Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 21.MAY.2016 14:47:16

Date: 21.MAY.2016 14:48:11





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	0.0144	PASS
40	Normal Voltage	0.0074	
30	Normal Voltage	0.0064	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0053	
-20	Normal Voltage	0.0074	
-30	Normal Voltage	0.0106	
20	Maximum Voltage	0.0090	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 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	0.0115	PASS
40	Normal Voltage	0.0092	
30	Normal Voltage	0.0069	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0058	
-10	Normal Voltage	0.0081	
-20	Normal Voltage	0.0127	
-30	Normal Voltage	0.0150	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0035	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 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	0.0059	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0095	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0039	
-20	Normal Voltage	0.0047	
-30	Normal Voltage	0.0095	
20	Maximum Voltage	0.0059	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0032	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 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	0.0367	PASS
40	Normal Voltage	0.0269	
30	Normal Voltage	0.0113	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0099	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0085	
-30	Normal Voltage	0.0212	
20	Maximum Voltage	0.0071	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0085	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5V. ; 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	0.0254	PASS
40	Normal Voltage	0.0634	
30	Normal Voltage	0.0296	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0014	
0	Normal Voltage	0.0155	
-10	Normal Voltage	0.0254	
-20	Normal Voltage	0.0338	
-30	Normal Voltage	0.0437	
20	Maximum Voltage	0.0127	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0239	

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 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)
Lowest	QPSK	3	0	23.14	0.2061	23.40
Middle		3	0	23.57	0.2277	23.64
Highest		3	0	23.66	0.2323	23.39
Lowest	16QAM	1	0	22.55	0.1799	22.78
Middle		1	0	22.58	0.1811	22.42
Highest		1	3	22.62	0.1828	22.25
Limit	EIRP < 2W			Result		PASS

LTE Band 2 / 3MHz (Average)						
Channel	Modulation	RB		Horizontal		Vertical
		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)
Lowest	QPSK	1	8	24.31	0.2697	24.28
Middle		1	0	23.95	0.2485	24.07
Highest		1	8	24.03	0.2531	23.84
Lowest	16QAM	1	8	22.49	0.1774	22.25
Middle		1	0	22.54	0.1796	22.42
Highest		1	8	22.58	0.1811	21.86
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	23.51	0.2244	23.87	0.2438
Middle		1	12	23.47	0.2223	23.55	0.2265
Highest		1	12	23.44	0.2208	23.32	0.2148
Lowest	16QAM	1	0	22.56	0.1803	22.28	0.1690
Middle		1	0	22.61	0.1826	22.45	0.1757
Highest		1	0	22.55	0.1799	21.88	0.1542
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	0	24.43	0.2774	24.32	0.2706
Middle		1	0	23.39	0.2183	23.39	0.2181
Highest		1	0	24.04	0.2533	23.82	0.2410
Lowest	16QAM	1	0	22.54	0.1795	22.26	0.1683
Middle		1	0	22.58	0.1810	22.39	0.1734
Highest		1	25	22.53	0.1791	21.92	0.1556
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	0	23.60	0.2291	23.97	0.2495
Middle		1	0	23.37	0.2175	23.59	0.2284
Highest		1	0	23.43	0.2203	23.35	0.2163
Lowest	16QAM	1	0	22.62	0.1828	22.38	0.1730
Middle		1	0	22.42	0.1746	22.32	0.1707
Highest		1	37	22.52	0.1786	21.87	0.1538
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	23.60	0.2291	23.96	0.2489
Middle		1	0	23.44	0.2208	23.62	0.2303
Highest		1	0	23.46	0.2218	23.58	0.2280
Lowest	16QAM	1	0	22.14	0.1637	21.90	0.1549
Middle		1	0	22.13	0.1633	22.11	0.1624
Highest		1	0	22.14	0.1637	21.66	0.1466
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	3	23.43	0.2203	23.68	0.2333
Middle		3	0	23.62	0.2300	23.82	0.2410
Highest		3	0	23.75	0.2371	24.03	0.2529
Lowest	16QAM	1	3	22.03	0.1596	22.11	0.1626
Middle		1	3	22.25	0.1681	22.39	0.1732
Highest		1	3	22.56	0.1803	22.72	0.1871
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	23.26	0.2118	23.50	0.2239
Middle		1	8	23.45	0.2211	23.65	0.2319
Highest		1	8	23.62	0.2301	23.82	0.2410
Lowest	16QAM	1	8	21.97	0.1574	22.07	0.1611
Middle		1	8	22.14	0.1636	22.33	0.1711
Highest		1	8	22.50	0.1778	22.68	0.1854
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	23.33	0.2153	23.52	0.2249
Middle		1	12	23.49	0.2235	23.71	0.2349
Highest		1	12	23.64	0.2312	23.84	0.2421
Lowest	16QAM	1	12	22.00	0.1585	22.10	0.1622
Middle		1	0	22.76	0.1887	22.92	0.1960
Highest		1	0	22.53	0.1791	22.75	0.1884
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	23.57	0.2275	23.78	0.2388
Middle		1	0	23.72	0.2357	23.94	0.2477
Highest		1	0	23.89	0.2449	24.04	0.2535
Lowest	16QAM	1	0	22.77	0.1892	22.83	0.1919
Middle		1	0	22.88	0.1942	22.96	0.1978
Highest		1	0	23.08	0.2032	23.14	0.2061
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	23.57	0.2275	23.66	0.2323
Middle		1	0	23.73	0.2363	23.91	0.2460
Highest		1	0	23.76	0.2377	23.98	0.2500
Lowest	16QAM	1	0	22.78	0.1897	22.83	0.1919
Middle		1	0	22.93	0.1962	22.96	0.1976
Highest		1	0	23.05	0.2018	23.11	0.2046
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	23.58	0.2280	23.73	0.2360
Middle		1	0	23.70	0.2345	23.85	0.2425
Highest		1	0	23.78	0.2388	23.95	0.2483
Lowest	16QAM	1	0	22.75	0.1884	22.84	0.1923
Middle		1	0	23.37	0.2173	23.43	0.2204
Highest		1	49	23.04	0.2014	23.10	0.2042
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	21.12	0.1294	21.22	0.1324
Middle		1	12	21.17	0.1309	20.98	0.1254
Highest		1	0	20.29	0.1069	20.43	0.1104
Lowest	16QAM	1	0	20.66	0.1164	20.61	0.1151
Middle		1	0	20.64	0.1160	20.36	0.1086
Highest		1	0	19.76	0.0946	19.75	0.0944
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	49	21.04	0.1271	20.94	0.1242
Middle		1	49	21.17	0.1310	21.01	0.1263
Highest		1	0	20.27	0.1064	20.40	0.1096
Lowest	16QAM	1	0	20.41	0.1099	20.18	0.1042
Middle		1	49	20.51	0.1124	20.16	0.1037
Highest		1	0	19.81	0.0957	19.72	0.0938
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	0.1285	21.03	0.1268
Middle		1	74	21.07	0.1278	20.92	0.1235
Highest		1	0	20.33	0.1079	20.41	0.1099
Lowest	16QAM	1	74	20.16	0.1038	20.15	0.1035
Middle		1	74	20.29	0.1068	20.14	0.1033
Highest		1	0	19.62	0.0916	19.67	0.0927
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	21.02	0.1265	21.03	0.1268
Middle		1	99	21.03	0.1268	20.91	0.1232
Highest		1	99	20.34	0.1081	20.42	0.1102
Lowest	16QAM	1	99	20.19	0.1045	20.23	0.1054
Middle		1	99	20.22	0.1051	20.08	0.1019
Highest		1	0	19.64	0.0920	19.69	0.0931
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	10.57	0.0114	-2.02	0.0006
Middle		3	0	11.29	0.0135	-1.26	0.0007
Highest		3	0	10.98	0.0125	-1.46	0.0007
Lowest	16QAM	1	5	9.61	0.0091	-3.24	0.0005
Middle		1	3	9.69	0.0093	-3.12	0.0005
Highest		1	0	10.12	0.0103	-2.59	0.0006
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	14	10.44	0.0111	-2.31	0.0006
Middle		1	14	10.45	0.0111	-2.05	0.0006
Highest		1	8	10.86	0.0122	-1.62	0.0007
Lowest	16QAM	1	8	9.75	0.0094	-3.18	0.0005
Middle		1	14	9.59	0.0091	-3.15	0.0005
Highest		1	8	10.16	0.0104	-2.54	0.0006
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	24	10.46	0.0111	-2.32	0.0006
Middle		1	24	10.42	0.0110	-2.12	0.0006
Highest		1	12	10.85	0.0122	-1.62	0.0007
Lowest	16QAM	1	24	9.80	0.0095	-3.20	0.0005
Middle		1	24	9.60	0.0091	-3.20	0.0005
Highest		1	12	10.18	0.0104	-2.52	0.0006
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	49	10.48	0.0112	-2.00	0.0006
Middle		1	49	10.78	0.0120	-1.67	0.0007
Highest		1	49	10.70	0.0117	-1.82	0.0007
Lowest	16QAM	1	49	9.58	0.0091	-3.11	0.0005
Middle		1	49	10.61	0.0115	-3.48	0.0004
Highest		1	25	9.95	0.0099	-2.86	0.0005
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	10.88	0.0122	-1.67	0.0007
Middle		1	12	11.10	0.0129	-1.07	0.0008
Highest		1	12	10.95	0.0124	-1.29	0.0007
Lowest	16QAM	1	0	9.86	0.0097	-2.52	0.0006
Middle		1	24	9.66	0.0093	-2.48	0.0006
Highest		1	12	10.14	0.0103	-2.10	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	49	10.93	0.0124	-1.31	0.0007
Middle		1	49	10.90	0.0123	-1.38	0.0007
Highest		1	49	10.79	0.0120	-1.48	0.0007
Lowest	16QAM	1	49	10.10	0.0102	-2.12	0.0006
Middle		1	49	9.96	0.0099	-2.36	0.0006
Highest		1	25	9.96	0.0099	-2.33	0.0006
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	-49.23	-13	-36.23	-62.78	-55.27	6.56	12.60	H
	5550.48	-38.14	-13	-25.14	-55.14	-43.24	8	13.10	H
	7400.64	-45.49	-13	-32.49	-64.23	-47.22	9.57	11.30	H
	3700.32	-52.70	-13	-39.70	-66.05	-58.74	6.56	12.60	V
	5550.48	-41.44	-13	-28.44	-58.79	-46.54	8	13.10	V
	7400.64	-49.30	-13	-36.30	-67.7	-51.03	9.57	11.30	V
Middle	3758.92	-51.49	-13	-38.49	-65.04	-57.53	6.56	12.60	H
	5638.38	-42.45	-13	-29.45	-58.39	-47.55	8	13.10	H
	7517.84	-46.62	-13	-33.62	-65.36	-48.35	9.57	11.30	H
	3758.92	-52.66	-13	-39.66	-66.01	-58.70	6.56	12.60	V
	5638.38	-42.35	-13	-29.35	-59.7	-47.45	8	13.10	V
	7517.84	-49.42	-13	-36.42	-67.82	-51.15	9.57	11.30	V
Highest	3817.52	-50.18	-13	-37.18	-63.73	-56.22	6.56	12.60	H
	5726.28	-38.25	-13	-25.25	-55.21	-43.35	8	13.10	H
	7635.04	-44.98	-13	-31.98	-63.72	-46.71	9.57	11.30	H
	3817.52	-54.09	-13	-41.09	-67.44	-60.13	6.56	12.60	V
	5726.28	-43.35	-13	-30.35	-60.7	-48.45	8	13.10	V
	7635.04	-48.92	-13	-35.92	-67.32	-50.65	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	-48.70	-13	-35.70	-62.25	-54.74	6.56	12.60	H
	5550.72	-40.23	-13	-27.23	-56.17	-45.33	8	13.10	H
	7400.96	-46.86	-13	-33.86	-65.60	-48.59	9.57	11.30	H
	3700.48	-53.19	-13	-40.19	-66.54	-59.23	6.56	12.60	V
	5550.72	-42.85	-13	-29.85	-60.2	-47.95	8	13.10	V
	7400.96	-49.78	-13	-36.78	-68.18	-51.51	9.57	11.30	V
Middle	3757.48	-51.39	-13	-38.39	-64.94	-57.43	6.56	12.60	H
	5636.22	-40.51	-13	-27.51	-56.45	-45.61	8	13.10	H
	7514.96	-48.93	-13	-35.93	-67.67	-50.66	9.57	11.30	H
	3757.48	-53.81	-13	-40.81	-67.16	-59.85	6.56	12.60	V
	5636.22	-43.03	-13	-30.03	-60.38	-48.13	8	13.10	V
	7514.96	-49.07	-13	-36.07	-67.47	-50.80	9.57	11.30	V
Highest	3814.48	-50.69	-13	-37.69	-64.24	-56.73	6.56	12.60	H
	5721.72	-37.57	-13	-24.57	-54.71	-42.67	8	13.10	H
	7628.96	-44.47	-13	-31.47	-63.21	-46.20	9.57	11.30	H
	3814.48	-54.11	-13	-41.11	-67.46	-60.15	6.56	12.60	V
	5721.72	-43.82	-13	-30.82	-61.17	-48.92	8	13.10	V
	7628.96	-48.77	-13	-35.77	-67.17	-50.50	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	-50.99	-13	-37.99	-64.54	-57.03	6.56	12.60	H
	5551.02	-41.22	-13	-28.22	-57.16	-46.32	8	13.10	H
	7401.36	-48.52	-13	-35.52	-67.26	-50.25	9.57	11.30	H
	3700.68	-53.08	-13	-40.08	-66.43	-59.12	6.56	12.60	V
	5551.02	-43.60	-13	-30.60	-60.95	-48.70	8	13.10	V
	7401.36	-49.10	-13	-36.10	-67.5	-50.83	9.57	11.30	V
Middle	3755.68	-51.43	-13	-38.43	-64.98	-57.47	6.56	12.60	H
	5633.52	-42.94	-13	-29.94	-58.88	-48.04	8	13.10	H
	7511.36	-49.49	-13	-36.49	-68.23	-51.22	9.57	11.30	H
	3755.68	-53.91	-13	-40.91	-67.26	-59.95	6.56	12.60	V
	5633.52	-44.68	-13	-31.68	-62.03	-49.78	8	13.10	V
	7511.36	-48.99	-13	-35.99	-67.39	-50.72	9.57	11.30	V
Highest	3814.48	-52.38	-13	-39.38	-65.93	-58.42	6.56	12.60	H
	5721.72	-38.73	-13	-25.73	-55.51	-43.83	8	13.10	H
	7628.96	-46.38	-13	-33.38	-65.12	-48.11	9.57	11.30	H
	3814.48	-54.10	-13	-41.10	-67.45	-60.14	6.56	12.60	V
	5721.72	-45.28	-13	-32.28	-62.63	-50.38	8	13.10	V
	7628.96	-48.80	-13	-35.80	-67.20	-50.53	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	-49.11	-13	-36.11	-62.66	-55.15	6.56	12.60	H
	5551.77	-37.10	-13	-24.10	-54.34	-42.20	8	13.10	H
	7402.36	-42.16	-13	-29.16	-60.90	-43.89	9.57	11.30	H
	3701.18	-52.79	-13	-39.79	-66.14	-58.83	6.56	12.60	V
	5551.77	-42.49	-13	-29.49	-59.84	-47.59	8	13.10	V
	7402.36	-48.85	-13	-35.85	-67.25	-50.58	9.57	11.30	V
Middle	3751.18	-51.48	-13	-38.48	-65.03	-57.52	6.56	12.60	H
	5626.77	-33.32	-13	-20.32	-51.27	-38.42	8	13.10	H
	7502.36	-50.06	-13	-37.06	-68.80	-51.79	9.57	11.30	H
	3751.18	-53.30	-13	-40.30	-66.65	-59.34	6.56	12.60	V
	5626.77	-40.05	-13	-27.05	-57.40	-45.15	8	13.10	V
	7502.36	-50.95	-13	-37.95	-69.35	-52.68	9.57	11.30	V
Highest	3801.18	-52.65	-13	-39.65	-66.20	-58.69	6.56	12.60	H
	5701.77	-38.98	-13	-25.98	-55.67	-44.08	8	13.10	H
	7602.36	-45.96	-13	-32.96	-64.70	-47.69	9.57	11.30	H
	3801.18	-53.89	-13	-40.89	-67.24	-59.93	6.56	12.60	V
	5701.77	-42.80	-13	-29.80	-60.15	-47.90	8	13.10	V
	7602.36	-48.67	-13	-35.67	-67.07	-50.40	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	-49.87	-13	-36.87	-63.42	-55.91	6.56	12.60	H
	5552.52	-42.59	-13	-29.59	-58.53	-47.69	8	13.10	H
	7403.36	-47.10	-13	-34.10	-65.84	-48.83	9.57	11.30	H
	3701.68	-53.27	-13	-40.27	-66.62	-59.31	6.56	12.60	V
	5552.52	-44.89	-13	-31.89	-62.24	-49.99	8	13.10	V
	7403.36	-50.19	-13	-37.19	-68.59	-51.92	9.57	11.30	V
Middle	3746.68	-52.68	-13	-39.68	-66.23	-58.72	6.56	12.60	H
	5620.02	-41.93	-13	-28.93	-57.87	-47.03	8	13.10	H
	7493.36	-48.42	-13	-35.42	-67.16	-50.15	9.57	11.30	H
	3746.68	-53.81	-13	-40.81	-67.16	-59.85	6.56	12.60	V
	5620.02	-45.43	-13	-32.43	-62.78	-50.53	8	13.10	V
	7493.36	-49.95	-13	-36.95	-68.35	-51.68	9.57	11.30	V
Highest	3791.68	-53.66	-13	-40.66	-67.21	-59.70	6.56	12.60	H
	5687.52	-41.30	-13	-28.30	-57.24	-46.40	8	13.10	H
	7583.36	-48.39	-13	-35.39	-67.13	-50.12	9.57	11.30	H
	3791.68	-53.97	-13	-40.97	-67.32	-60.01	6.56	12.60	V
	5687.52	-45.09	-13	-32.09	-62.44	-50.19	8	13.10	V
	7583.36	-49.73	-13	-36.73	-68.13	-51.46	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	-50.98	-13	-37.98	-64.53	-57.02	6.56	12.60	H
	5553.27	-42.28	-13	-29.28	-58.22	-47.38	8	13.10	H
	7404.36	-46.96	-13	-33.96	-65.70	-48.69	9.57	11.30	H
	3702.18	-52.67	-13	-39.67	-66.02	-58.71	6.56	12.60	V
	5553.27	-43.23	-13	-30.23	-60.58	-48.33	8	13.10	V
	7404.36	-49.80	-13	-36.80	-68.20	-51.53	9.57	11.30	V
Middle	3742.18	-52.38	-13	-39.38	-65.93	-58.42	6.56	12.60	H
	5613.27	-42.74	-13	-29.74	-58.68	-47.84	8	13.10	H
	7484.36	-48.62	-13	-35.62	-67.36	-50.35	9.57	11.30	H
	3742.18	-53.52	-13	-40.52	-66.87	-59.56	6.56	12.60	V
	5613.27	-47.90	-13	-34.90	-65.25	-53.00	8	13.10	V
	7484.36	-49.59	-13	-36.59	-67.99	-51.32	9.57	11.30	V
Highest	3782.18	-52.91	-13	-39.91	-66.46	-58.95	6.56	12.60	H
	5673.27	-42.13	-13	-29.13	-58.07	-47.23	8	13.10	H
	7564.36	-47.68	-13	-34.68	-66.42	-49.41	9.57	11.30	H
	3782.18	-53.93	-13	-40.93	-67.28	-59.97	6.56	12.60	V
	5673.27	-47.63	-13	-34.63	-64.98	-52.73	8	13.10	V
	7564.36	-48.87	-13	-35.87	-67.27	-50.60	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	-51.33	-13	-38.33	-66.08	-57.75	6.18	12.60	H
	5130.48	-41.96	-13	-28.96	-59.96	-46.92	7.74	12.70	H
	6840.64	-48.87	-13	-35.87	-67.68	-51.57	9	11.70	H
	3420.32	-53.90	-13	-40.90	-64.85	-60.32	6.18	12.60	V
	5130.48	-39.82	-13	-26.82	-55.99	-44.78	7.74	12.70	V
	6840.64	-51.51	-13	-38.51	-68.22	-54.21	9	11.70	V
Middle	3463.74	-51.05	-13	-38.05	-65.80	-57.47	6.18	12.60	H
	5195.61	-40.14	-13	-27.14	-58.14	-45.10	7.74	12.70	H
	6927.48	-48.79	-13	-35.79	-67.60	-51.49	9	11.70	H
	3463.74	-53.64	-13	-40.64	-64.59	-60.06	6.18	12.60	V
	5195.61	-39.09	-13	-26.09	-55.23	-44.05	7.74	12.70	V
	6927.48	-50.10	-13	-37.10	-66.81	-52.80	9	11.70	V
Highest	3507.52	-51.77	-13	-38.77	-66.52	-58.19	6.18	12.60	H
	5261.28	-41.49	-13	-28.49	-59.49	-46.45	7.74	12.70	H
	7015.04	-49.81	-13	-36.81	-68.62	-52.51	9	11.70	H
	3507.52	-54.88	-13	-41.88	-65.83	-61.30	6.18	12.60	V
	5261.28	-39.76	-13	-26.76	-55.92	-44.72	7.74	12.70	V
	7015.04	-48.64	-13	-35.64	-65.35	-51.34	9	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	-51.02	-13	-38.02	-65.77	-57.44	6.18	12.60	H
	5130.72	-43.08	-13	-30.08	-61.08	-48.04	7.74	12.70	H
	6840.96	-49.13	-13	-36.13	-67.94	-51.83	9	11.70	H
	3420.48	-53.72	-13	-40.72	-64.67	-60.14	6.18	12.60	V
	5130.72	-39.33	-13	-26.33	-55.48	-44.29	7.74	12.70	V
	6840.96	-49.98	-13	-36.98	-66.69	-52.68	9	11.70	V
Middle	3462.48	-51.65	-13	-38.65	-66.40	-58.07	6.18	12.60	H
	5193.72	-41.82	-13	-28.82	-59.82	-46.78	7.74	12.70	H
	6924.96	-49.01	-13	-36.01	-67.82	-51.71	9	11.70	H
	3462.48	-54.27	-13	-41.27	-65.22	-60.69	6.18	12.60	V
	5193.72	-38.32	-13	-25.32	-54.9	-43.28	7.74	12.70	V
	6924.96	-50.27	-13	-37.27	-66.98	-52.97	9	11.70	V
Highest	3504.48	-51.91	-13	-38.91	-66.66	-58.33	6.18	12.60	H
	5256.72	-44.42	-13	-31.42	-62.42	-49.38	7.74	12.70	H
	7008.96	-49.13	-13	-36.13	-67.94	-51.83	9	11.70	H
	3504.48	-54.98	-13	-41.98	-65.93	-61.40	6.18	12.60	V
	5256.72	-42.37	-13	-29.37	-57.13	-47.33	7.74	12.70	V
	7008.96	-51.76	-13	-38.76	-68.47	-54.46	9	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	-51.35	-13	-38.35	-66.10	-57.77	6.18	12.60	H
	5131.02	-43.91	-13	-30.91	-61.91	-48.87	7.74	12.70	H
	6841.36	-49.27	-13	-36.27	-68.08	-51.97	9	11.70	H
	3420.68	-53.30	-13	-40.30	-64.25	-59.72	6.18	12.60	V
	5131.02	-39.18	-13	-26.18	-55.32	-44.14	7.74	12.70	V
	6841.36	-51.19	-13	-38.19	-67.90	-53.89	9	11.70	V
Middle	3460.68	-51.88	-13	-38.88	-66.63	-58.30	6.18	12.60	H
	5191.02	-39.29	-13	-26.29	-57.29	-44.25	7.74	12.70	H
	6921.36	-49.72	-13	-36.72	-68.53	-52.42	9	11.70	H
	3460.68	-53.58	-13	-40.58	-64.53	-60.00	6.18	12.60	V
	5191.02	-39.24	-13	-26.24	-55.38	-44.20	7.74	12.70	V
	6921.36	-46.96	-13	-33.96	-63.67	-49.66	9	11.70	V
Highest	3500.68	-50.52	-13	-37.52	-65.27	-56.94	6.18	12.60	H
	5251.02	-43.97	-13	-30.97	-61.97	-48.93	7.74	12.70	H
	7001.36	-48.18	-13	-35.18	-66.99	-50.88	9	11.70	H
	3500.68	-52.47	-13	-39.47	-63.42	-58.89	6.18	12.60	V
	5251.02	-39.84	-13	-26.84	-56.01	-44.80	7.74	12.70	V
	7001.36	-51.00	-13	-38.00	-67.71	-53.70	9	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	-50.82	-13	-37.82	-65.57	-57.24	6.18	12.60	H
	5131.77	-42.57	-13	-29.57	-60.57	-47.53	7.74	12.70	H
	6842.36	-48.14	-13	-35.14	-66.95	-50.84	9	11.70	H
	3421.18	-53.18	-13	-40.18	-64.13	-59.60	6.18	12.60	V
	5131.77	-38.55	-13	-25.55	-54.98	-43.51	7.74	12.70	V
	6842.36	-51.00	-13	-38.00	-67.71	-53.70	9	11.70	V
Middle	3456.18	-51.38	-13	-38.38	-66.13	-57.80	6.18	12.60	H
	5184.27	-41.34	-13	-28.34	-59.34	-46.30	7.74	12.70	H
	6912.36	-48.64	-13	-35.64	-67.45	-51.34	9	11.70	H
	3456.18	-54.66	-13	-41.66	-65.61	-61.08	6.18	12.60	V
	5184.27	-33.90	-13	-20.90	-51.41	-38.86	7.74	12.70	V
	6912.36	-47.08	-13	-34.08	-63.79	-49.78	9	11.70	V
Highest	3491.18	-50.58	-13	-37.58	-65.33	-57.00	6.18	12.60	H
	5236.77	-43.56	-13	-30.56	-61.56	-48.52	7.74	12.70	H
	6982.36	-49.41	-13	-36.41	-68.22	-52.11	9	11.70	H
	3491.18	-52.98	-13	-39.98	-63.93	-59.40	6.18	12.60	V
	5236.77	-39.76	-13	-26.76	-55.92	-44.72	7.74	12.70	V
	6982.36	-50.93	-13	-37.93	-67.64	-53.63	9	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	-50.36	-13	-37.36	-65.11	-56.78	6.18	12.60	H
	5132.52	-41.66	-13	-28.66	-59.66	-46.62	7.74	12.70	H
	6843.36	-49.44	-13	-36.44	-68.25	-52.14	9	11.70	H
	3421.68	-53.07	-13	-40.07	-64.02	-59.49	6.18	12.60	V
	5132.52	-38.91	-13	-25.91	-55.1	-43.87	7.74	12.70	V
	6843.36	-49.98	-13	-36.98	-66.69	-52.68	9	11.70	V
Middle	3451.68	-51.67	-13	-38.67	-66.42	-58.09	6.18	12.60	H
	5177.52	-39.74	-13	-26.74	-57.74	-44.70	7.74	12.70	H
	6903.36	-47.96	-13	-34.96	-66.77	-50.66	9	11.70	H
	3451.68	-55.26	-13	-42.26	-66.21	-61.68	6.18	12.60	V
	5177.52	-38.23	-13	-25.23	-54.87	-43.19	7.74	12.70	V
	6903.36	-47.75	-13	-34.75	-64.46	-50.45	9	11.70	V
Highest	3481.68	-51.70	-13	-38.70	-66.45	-58.12	6.18	12.60	H
	5222.52	-42.04	-13	-29.04	-60.04	-47.00	7.74	12.70	H
	6963.36	-49.07	-13	-36.07	-67.88	-51.77	9	11.70	H
	3481.68	-52.01	-13	-39.01	-62.96	-58.43	6.18	12.60	V
	5222.52	-35.19	-13	-22.19	-52.62	-40.15	7.74	12.70	V
	6963.36	-51.24	-13	-38.24	-67.95	-53.94	9	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	-49.42	-13	-36.42	-64.17	-55.84	6.18	12.60	H
	5133.27	-41.70	-13	-28.70	-59.70	-46.66	7.74	12.70	H
	6844.36	-49.06	-13	-36.06	-67.87	-51.76	9	11.70	H
	3422.18	-52.42	-13	-39.42	-63.37	-58.84	6.18	12.60	V
	5133.27	-42.17	-13	-29.17	-56.92	-47.13	7.74	12.70	V
	6844.36	-51.14	-13	-38.14	-67.85	-53.84	9	11.70	V
Middle	3447.18	-49.32	-13	-36.32	-64.07	-55.74	6.18	12.60	H
	5170.77	-42.21	-13	-29.21	-60.21	-47.17	7.74	12.70	H
	6894.36	-49.05	-13	-36.05	-67.86	-51.75	9	11.70	H
	3447.18	-54.78	-13	-41.78	-65.73	-61.20	6.18	12.60	V
	5170.77	-41.30	-13	-28.30	-56.67	-46.26	7.74	12.70	V
	6894.36	-50.03	-13	-37.03	-66.74	-52.73	9	11.70	V
Highest	3472.18	-50.91	-13	-37.91	-65.66	-57.33	6.18	12.60	H
	5208.27	-39.00	-13	-26.00	-57.00	-43.96	7.74	12.70	H
	6944.36	-48.77	-13	-35.77	-67.58	-51.47	9	11.70	H
	3472.18	-52.06	-13	-39.06	-63.01	-58.48	6.18	12.60	V
	5208.27	-35.58	-13	-22.58	-52.94	-40.54	7.74	12.70	V
	6944.36	-50.11	-13	-37.11	-66.82	-52.81	9	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	-41.67	-25	-16.67	-57.87	-53.43	0.94	12.70	H
	7501.02	-38.93	-25	-13.93	-60.30	-48.94	1.69	11.70	H
	10001.36	-43.67	-25	-18.67	-68.03	-54.33	1.44	12.10	H
	12501.25	-40.55	-25	-15.55	-68.61	-52.18	1.97	13.60	H
	5000.68	-36.68	-25	-11.68	-54.71	-48.44	0.94	12.70	V
	7501.02	-42.63	-25	-17.63	-63.62	-52.64	1.69	11.70	V
	10001.36	-43.88	-25	-18.88	-66.78	-54.54	1.44	12.10	V
	12501.25	-34.15	-25	-9.15	-61.38	-45.78	1.97	13.60	V
	5065.68	-41.02	-25	-16.02	-57.22	-52.78	0.94	12.70	H
Middle	7598.52	-37.98	-25	-12.98	-59.35	-47.99	1.69	11.70	H
	10131.36	-45.78	-25	-20.78	-70.14	-56.44	1.44	12.10	H
	12664.20	-36.68	-25	-11.68	-64.74	-48.31	1.97	13.60	H
	5065.68	-37.31	-25	-12.31	-55.21	-49.07	0.94	12.70	V
	7598.52	-38.96	-25	-13.96	-59.95	-48.97	1.69	11.70	V
	10131.36	-45.56	-25	-20.56	-68.46	-56.22	1.44	12.10	V
	12664.20	-32.85	-25	-7.85	-60.08	-44.48	1.97	13.60	V
	5131	-44.25	-25	-19.25	-60.45	-56.01	0.94	12.70	H
Highest	7696	-38.86	-25	-13.86	-60.23	-48.87	1.69	11.70	H
	10261	-44.20	-25	-19.20	-68.56	-54.86	1.44	12.10	H
	12827	-36.23	-25	-11.23	-64.29	-47.86	1.97	13.60	H
	5131	-38.97	-25	-13.97	-56.48	-50.73	0.94	12.70	V
	7696	-40.26	-25	-15.26	-61.25	-50.27	1.69	11.70	V
	10261	-44.42	-25	-19.42	-67.32	-55.08	1.44	12.10	V
	12827	-32.17	-25	-7.17	-59.40	-43.80	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	-43.43	-25	-18.43	-59.63	-55.19	0.94	12.70	H
	7502	-39.10	-25	-14.10	-60.47	-49.11	1.69	11.70	H
	10002	-44.97	-25	-19.97	-69.33	-55.63	1.44	12.10	H
	12503	-38.77	-25	-13.77	-66.83	-50.40	1.97	13.60	H
	5001	-37.14	-25	-12.14	-55.07	-48.90	0.94	12.70	V
	7502	-41.97	-25	-16.97	-62.96	-51.98	1.69	11.70	V
	10002	-43.82	-25	-18.82	-66.72	-54.48	1.44	12.10	V
	12503	-34.08	-25	-9.08	-61.31	-45.71	1.97	13.60	V
	5061	-41.45	-25	-16.45	-57.65	-53.21	0.94	12.70	H
Middle	7592	-37.81	-25	-12.81	-59.18	-47.82	1.69	11.70	H
	10122	-44.70	-25	-19.70	-69.06	-55.36	1.44	12.10	H
	12653	-35.31	-25	-10.31	-63.37	-46.94	1.97	13.60	H
	5061	-37.15	-25	-12.15	-55.08	-48.91	0.94	12.70	V
	7592	-41.01	-25	-16.01	-62.00	-51.02	1.69	11.70	V
	10122	-45.84	-25	-20.84	-68.74	-56.50	1.44	12.10	V
	12653	-33.77	-25	-8.77	-61.00	-45.40	1.97	13.60	V
	5121	-43.38	-25	-18.38	-59.58	-55.14	0.94	12.70	H
Highest	7682	-39.70	-25	-14.70	-61.07	-49.71	1.69	11.70	H
	10242	-45.08	-25	-20.08	-69.44	-55.74	1.44	12.10	H
	12803	-36.25	-25	-11.25	-64.31	-47.88	1.97	13.60	H
	5121	-38.98	-25	-13.98	-56.49	-50.74	0.94	12.70	V
	7682	-39.79	-25	-14.79	-60.78	-49.80	1.69	11.70	V
	10242	-46.78	-25	-21.78	-69.68	-57.44	1.44	12.10	V
	12803	-33.16	-25	-8.16	-60.39	-44.79	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	-43.48	-25	-18.48	-59.68	-55.24	0.94	12.70	H
	7502.52	-41.10	-25	-16.10	-62.47	-51.11	1.69	11.70	H
	10003.36	-45.10	-25	-20.10	-69.46	-55.76	1.44	12.10	H
	12503.75	-38.50	-25	-13.50	-66.56	-50.13	1.97	13.60	H
	5001.68	-34.92	-25	-9.92	-53.61	-46.68	0.94	12.70	V
	7502.52	-40.84	-25	-15.84	-61.83	-50.85	1.69	11.70	V
	10003.36	-44.27	-25	-19.27	-67.17	-54.93	1.44	12.10	V
	12503.75	-33.58	-25	-8.58	-60.81	-45.21	1.97	13.60	V
Middle	5056.68	-41.53	-25	-16.53	-57.73	-53.29	0.94	12.70	H
	7585.02	-39.05	-25	-14.05	-60.42	-49.06	1.69	11.70	H
	10131.36	-46.11	-25	-21.11	-70.47	-56.77	1.44	12.10	H
	12641.25	-38.29	-25	-13.29	-66.35	-49.92	1.97	13.60	H
	5056.68	-35.20	-25	-10.20	-53.77	-46.96	0.94	12.70	V
	7585.02	-40.83	-25	-15.83	-61.82	-50.84	1.69	11.70	V
	10131.36	-47.30	-25	-22.30	-70.2	-57.96	1.44	12.10	V
	12641.25	-34.47	-25	-9.47	-61.70	-46.10	1.97	13.60	V
Highest	5112	-42.98	-25	-17.98	-59.18	-54.74	0.94	12.70	H
	7668	-39.67	-25	-14.67	-61.04	-49.68	1.69	11.70	H
	10223	-45.68	-25	-20.68	-70.04	-56.34	1.44	12.10	H
	12779	-37.05	-25	-12.05	-65.11	-48.68	1.97	13.60	H
	5112	-38.69	-25	-13.69	-56.28	-50.45	0.94	12.70	V
	7668	-40.05	-25	-15.05	-61.04	-50.06	1.69	11.70	V
	10223	-46.83	-25	-21.83	-69.73	-57.49	1.44	12.10	V
	12779	-32.46	-25	-7.46	-59.69	-44.09	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	-42.27	-25	-17.27	-58.47	-54.03	0.94	12.70	H
	7503	-40.94	-25	-15.94	-62.31	-50.95	1.69	11.70	H
	10004	-45.06	-25	-20.06	-69.42	-55.72	1.44	12.10	H
	12505	-38.41	-25	-13.41	-66.47	-50.04	1.97	13.60	H
	5002	-35.67	-25	-10.67	-54.02	-47.43	0.94	12.70	V
	7503	-42.10	-25	-17.10	-63.09	-52.11	1.69	11.70	V
	10004	-44.42	-25	-19.42	-67.32	-55.08	1.44	12.10	V
	12505	-34.44	-25	-9.44	-61.67	-46.07	1.97	13.60	V
	5052	-43.04	-25	-18.04	-59.24	-54.80	0.94	12.70	H
Middle	7578	-39.63	-25	-14.63	-61.00	-49.64	1.69	11.70	H
	10104	-45.72	-25	-20.72	-70.08	-56.38	1.44	12.10	H
	12630	-37.79	-25	-12.79	-65.85	-49.42	1.97	13.60	H
	5052	-38.98	-25	-13.98	-56.49	-50.74	0.94	12.70	V
	7578	-40.32	-25	-15.32	-61.31	-50.33	1.69	11.70	V
	10104	-45.37	-25	-20.37	-68.27	-56.03	1.44	12.10	V
	12630	-34.35	-25	-9.35	-61.58	-45.98	1.97	13.60	V
	5102	-41.92	-25	-16.92	-58.12	-53.68	0.94	12.70	H
Highest	7653	-40.07	-25	-15.07	-61.44	-50.08	1.69	11.70	H
	10204	-46.42	-25	-21.42	-70.78	-57.08	1.44	12.10	H
	12755	-37.26	-25	-12.26	-65.32	-48.89	1.97	13.60	H
	5102	-37.60	-25	-12.60	-55.46	-49.36	0.94	12.70	V
	7653	-41.44	-25	-16.44	-62.43	-51.45	1.69	11.70	V
	10204	-47.46	-25	-22.46	-70.36	-58.12	1.44	12.10	V
	12755	-33.39	-25	-8.39	-60.62	-45.02	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	-51.93	-13	-38.93	-55.32	-58.62	0.56	9.40	H
	2097.21	-57.21	-13	-44.21	-62.95	-64.92	0.74	10.60	H
	2796.28	-40.86	-13	-27.86	-51.55	-50.46	0.85	12.60	H
	1398.14	-38.73	-13	-25.73	-44.26	-45.42	0.56	9.40	V
	2097.21	-52.72	-13	-39.72	-58.39	-60.43	0.74	10.60	V
	2796.28	-39.74	-13	-26.74	-51.09	-49.34	0.85	12.60	V
Middle	1413.74	-47.14	-13	-34.14	-51.97	-53.83	0.56	9.40	H
	2120.61	-59.69	-13	-46.69	-65.43	-67.40	0.74	10.60	H
	2827.48	-47.10	-13	-34.10	-56.15	-56.70	0.85	12.60	H
	1413.74	-40.79	-13	-27.79	-46.12	-47.48	0.56	9.40	V
	2120.61	-56.16	-13	-43.16	-61.74	-63.87	0.74	10.60	V
	2827.48	-44.82	-13	-31.82	-54.84	-54.42	0.85	12.60	V
Highest	1429.34	-47.98	-13	-34.98	-52.75	-54.67	0.56	9.40	H
	2144.01	-59.25	-13	-46.25	-64.99	-66.96	0.74	10.60	H
	2858.68	-42.74	-13	-29.74	-53.03	-52.34	0.85	12.60	H
	1429.34	-39.72	-13	-26.72	-45.22	-46.41	0.56	9.40	V
	2144.01	-54.97	-13	-41.97	-60.55	-62.68	0.74	10.60	V
	2858.68	-43.45	-13	-30.45	-54.01	-53.05	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	-51.89	-13	-38.89	-55.30	-58.58	0.56	9.40	H
	2097.45	-58.43	-13	-45.43	-64.17	-66.14	0.74	10.60	H
	2796.6	-41.23	-13	-28.23	-51.86	-50.83	0.85	12.60	H
	1398.3	-40.09	-13	-27.09	-45.57	-46.78	0.56	9.40	V
	2097.45	-53.21	-13	-40.21	-58.79	-60.92	0.74	10.60	V
	2796.6	-38.28	-13	-25.28	-49.82	-47.88	0.85	12.60	V
Middle	1412.3	-47.25	-13	-34.25	-52.07	-53.94	0.56	9.40	H
	2118.45	-59.57	-13	-46.57	-65.31	-67.28	0.74	10.60	H
	2824.6	-48.23	-13	-35.23	-57.04	-57.83	0.85	12.60	H
	1412.3	-40.01	-13	-27.01	-45.51	-46.70	0.56	9.40	V
	2118.45	-55.34	-13	-42.34	-60.92	-63.05	0.74	10.60	V
	2824.6	-46.47	-13	-33.47	-56.01	-56.07	0.85	12.60	V
Highest	1427	-51.45	-13	-38.45	-55.05	-58.14	0.56	9.40	H
	2140.5	-59.33	-13	-46.33	-65.07	-67.04	0.74	10.60	H
	2854	-39.15	-13	-26.15	-50.21	-48.75	0.85	12.60	H
	1427	-37.94	-13	-24.94	-43.53	-44.63	0.56	9.40	V
	2140.5	-53.38	-13	-40.38	-58.96	-61.09	0.74	10.60	V
	2854	-38.64	-13	-25.64	-50.17	-48.24	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	-56.57	-13	-43.57	-59.40	-63.26	0.56	9.40	H
	2097.75	-59.03	-13	-46.03	-64.77	-66.74	0.74	10.60	H
	2797	-39.28	-13	-26.28	-50.31	-48.88	0.85	12.60	H
	1398.5	-53.03	-13	-40.03	-55.44	-59.72	0.56	9.40	V
	2097.75	-56.13	-13	-43.13	-61.71	-63.84	0.74	10.60	V
	2797	-38.50	-13	-25.50	-50.03	-48.10	0.85	12.60	V
Middle	1410.5	-48.40	-13	-35.40	-53.05	-55.09	0.56	9.40	H
	2115.75	-59.96	-13	-46.96	-65.70	-67.67	0.74	10.60	H
	2821	-48.80	-13	-35.80	-57.61	-58.40	0.85	12.60	H
	1410.5	-47.40	-13	-34.40	-51.47	-54.09	0.56	9.40	V
	2115.75	-58.32	-13	-45.32	-63.90	-66.03	0.74	10.60	V
	2821	-46.12	-13	-33.12	-55.84	-55.72	0.85	12.60	V
Highest	1422.5	-54.63	-13	-41.63	-57.46	-61.32	0.56	9.40	H
	2133.75	-60.10	-13	-47.10	-65.84	-67.81	0.74	10.60	H
	2845	-42.44	-13	-29.44	-52.83	-52.04	0.85	12.60	H
	1422.5	-48.82	-13	-35.82	-52.47	-55.51	0.56	9.40	V
	2133.75	-55.41	-13	-42.41	-60.99	-63.12	0.74	10.60	V
	2845	-39.68	-13	-26.68	-51.04	-49.28	0.85	12.60	V

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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	-54.78	-13	-41.78	-57.61	-61.47	0.56	9.40	H
	2098.5	-59.15	-13	-46.15	-64.89	-66.86	0.74	10.60	H
	2798	-41.89	-13	-28.89	-52.44	-51.49	0.85	12.60	H
	1399	-54.19	-13	-41.19	-56.32	-60.88	0.56	9.40	V
	2098.5	-55.86	-13	-42.86	-61.44	-63.57	0.74	10.60	V
	2798	-36.75	-13	-23.75	-48.50	-46.35	0.85	12.60	V
Middle	1406	-53.09	-13	-40.09	-55.95	-59.78	0.56	9.40	H
	2109	-56.35	-13	-43.35	-62.09	-64.06	0.74	10.60	H
	2812	-42.00	-13	-29.00	-52.53	-51.60	0.85	12.60	H
	1406	-47.58	-13	-34.58	-51.62	-54.27	0.56	9.40	V
	2109	-51.91	-13	-38.91	-57.81	-59.62	0.74	10.60	V
	2812	-40.76	-13	-27.76	-51.94	-50.36	0.85	12.60	V
Highest	1413	-48.81	-13	-35.81	-53.34	-55.50	0.56	9.40	H
	2119.5	-59.49	-13	-46.49	-65.23	-67.20	0.74	10.60	H
	2826	-48.25	-13	-35.25	-57.06	-57.85	0.85	12.60	H
	1413	-47.13	-13	-34.13	-51.24	-53.82	0.56	9.40	V
	2119.5	-60.24	-13	-47.24	-65.82	-67.95	0.74	10.60	V
	2826	-48.04	-13	-35.04	-56.86	-57.64	0.85	12.60	V

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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	-54.74	-13	-41.74	-57.57	-61.43	0.56	9.40	H
	2113.02	-52.59	-13	-39.59	-58.33	-60.30	0.74	10.60	H
	2817.36	-43.59	-13	-30.59	-53.72	-53.19	0.85	12.60	H
	1408.68	-56.82	-13	-43.82	-58.48	-63.51	0.56	9.40	V
	2113.02	-57.59	-13	-44.59	-63.17	-65.30	0.74	10.60	V
	2817.36	-52.18	-13	-39.18	-60.32	-61.78	0.85	12.60	V
Middle	1415.68	-52.66	-13	-39.66	-55.69	-59.35	0.56	9.40	H
	2123.58	-59.78	-13	-46.78	-65.52	-67.49	0.74	10.60	H
	2831.36	-41.71	-13	-28.71	-52.28	-51.31	0.85	12.60	H
	1415.68	-55.09	-13	-42.09	-56.75	-61.78	0.56	9.40	V
	2123.58	-60.19	-13	-47.19	-65.77	-67.90	0.74	10.60	V
	2831.36	-53.15	-13	-40.15	-61.29	-62.75	0.85	12.60	V
Highest	1422.68	-55.85	-13	-42.85	-58.68	-62.54	0.56	9.40	H
	2134.02	-51.81	-13	-38.81	-57.64	-59.52	0.74	10.60	H
	2845.36	-38.53	-13	-25.53	-49.65	-48.13	0.85	12.60	H
	1422.68	-59.63	-13	-46.63	-61.29	-66.32	0.56	9.40	V
	2134.02	-57.84	-13	-44.84	-63.42	-65.55	0.74	10.60	V
	2845.36	-45.25	-13	-32.25	-55.15	-54.85	0.85	12.60	V

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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	-54.26	-13	-41.26	-57.09	-60.95	0.56	9.40	H
	2113.77	-51.17	-13	-38.17	-57.30	-58.88	0.74	10.60	H
	2818.36	-43.97	-13	-30.97	-54.06	-53.57	0.85	12.60	H
	1409.18	-55.53	-13	-42.53	-57.19	-62.22	0.56	9.40	V
	2113.77	-57.05	-13	-44.05	-62.63	-64.76	0.74	10.60	V
	2818.36	-52.17	-13	-39.17	-60.31	-61.77	0.85	12.60	V
Middle	1411.18	-53.85	-13	-40.85	-56.69	-60.54	0.56	9.40	H
	2116.77	-54.35	-13	-41.35	-60.09	-62.06	0.74	10.60	H
	2822.36	-44.34	-13	-31.34	-54.32	-53.94	0.85	12.60	H
	1411.18	-54.83	-13	-41.83	-56.59	-61.52	0.56	9.40	V
	2116.77	-58.54	-13	-45.54	-64.12	-66.25	0.74	10.60	V
	2822.36	-52.90	-13	-39.90	-61.04	-62.50	0.85	12.60	V
Highest	1413.18	-53.29	-13	-40.29	-56.15	-59.98	0.56	9.40	H
	2119.77	-58.67	-13	-45.67	-64.41	-66.38	0.74	10.60	H
	2826.36	-48.69	-13	-35.69	-57.50	-58.29	0.85	12.60	H
	1413.18	-53.96	-13	-40.96	-56.21	-60.65	0.56	9.40	V
	2119.77	-59.76	-13	-46.76	-65.34	-67.47	0.74	10.60	V
	2826.36	-55.22	-13	-42.22	-63.36	-64.82	0.85	12.60	V

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