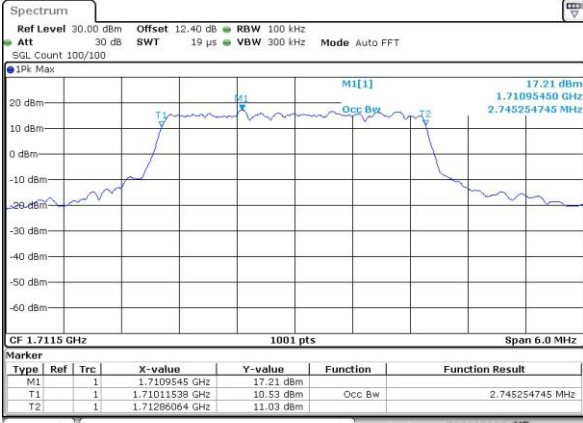




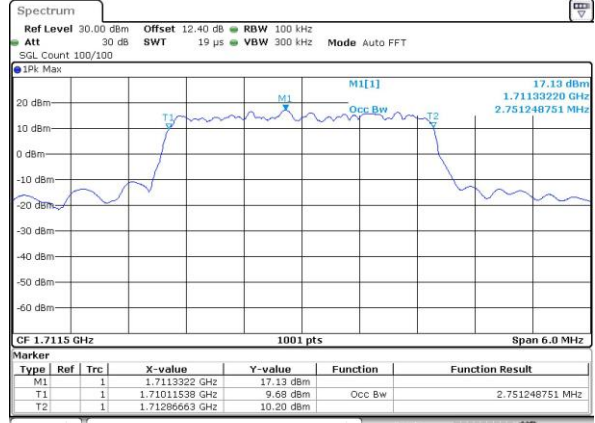
LTE Band 4

Lowest Channel / 3MHz / QPSK



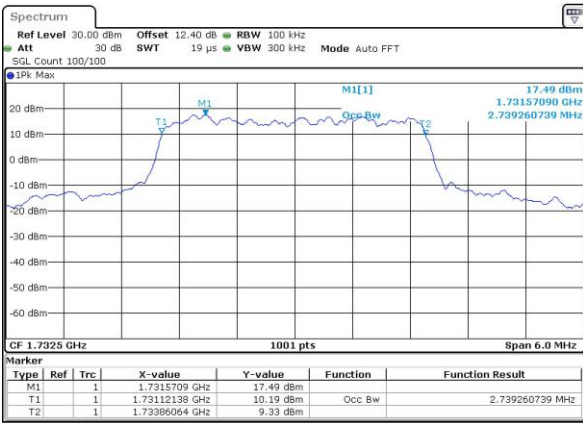
Date: 26.APR.2018 20:55:10

Lowest Channel / 3MHz / 16QAM



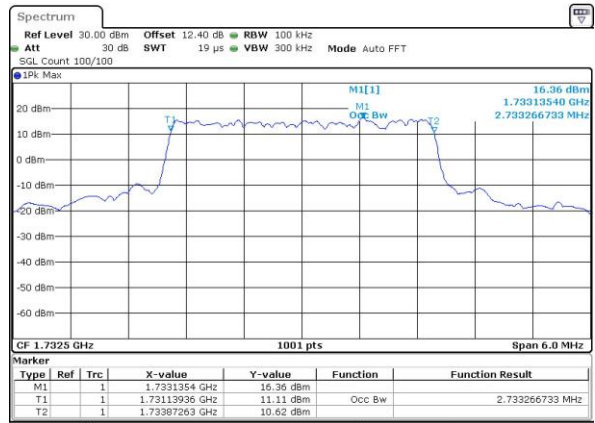
Date: 26.APR.2018 20:56:02

Middle Channel / 3MHz / QPSK



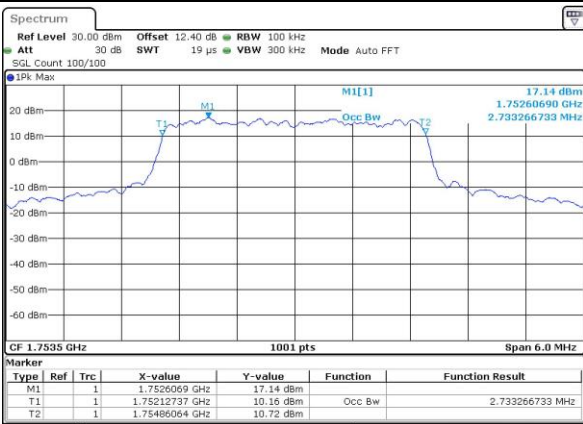
Date: 26.APR.2018 21:03:12

Middle Channel / 3MHz / 16QAM



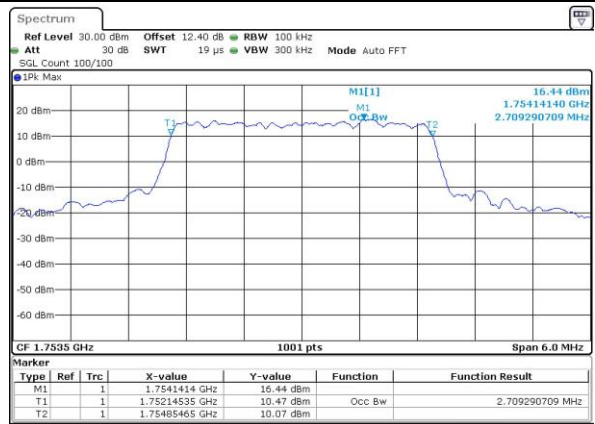
Date: 26.APR.2018 21:03:23

Highest Channel / 3MHz / QPSK



Date: 26.APR.2018 21:05:55

Highest Channel / 3MHz / 16QAM

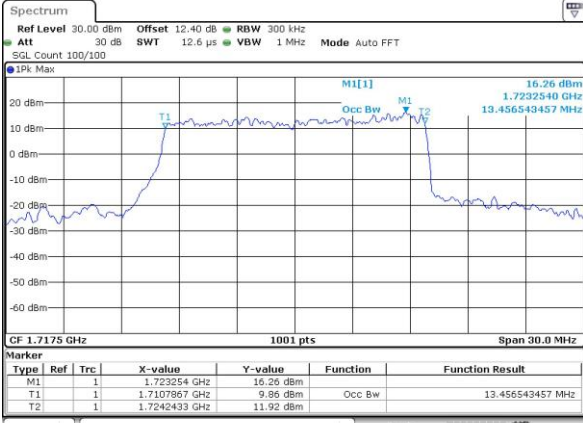


Date: 26.APR.2018 21:06:07



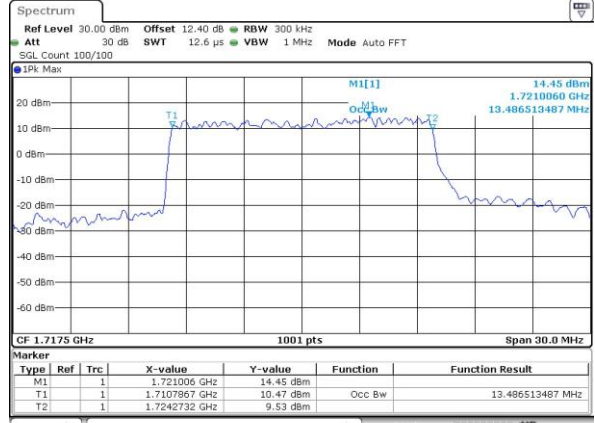
LTE Band 4

Lowest Channel / 15MHz / QPSK



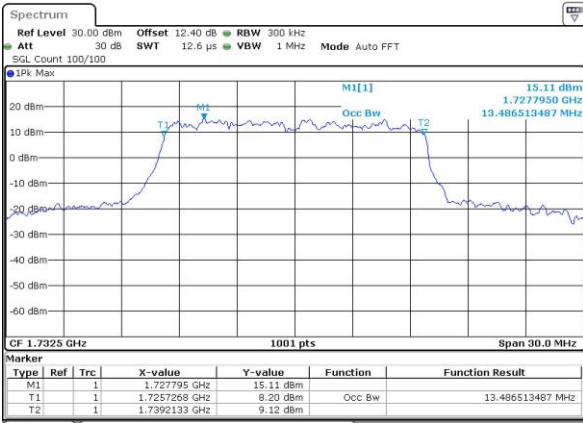
Date: 26.APR.2018 21:27:38

Lowest Channel / 15MHz / 16QAM



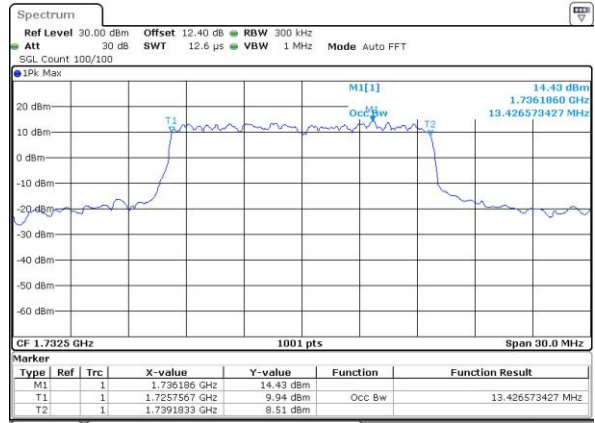
Date: 26.APR.2018 21:27:50

Middle Channel / 15MHz / QPSK



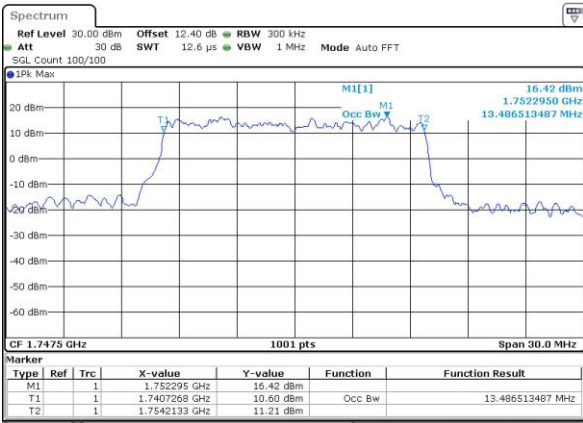
Date: 26.APR.2018 21:34:59

Middle Channel / 15MHz / 16QAM



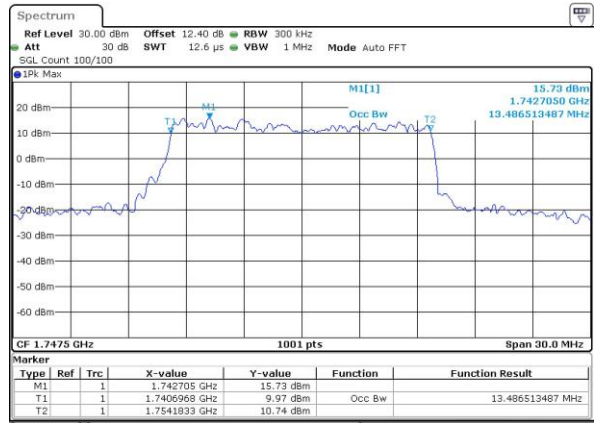
Date: 26.APR.2018 21:35:11

Highest Channel / 15MHz / QPSK



Date: 26.APR.2018 21:37:44

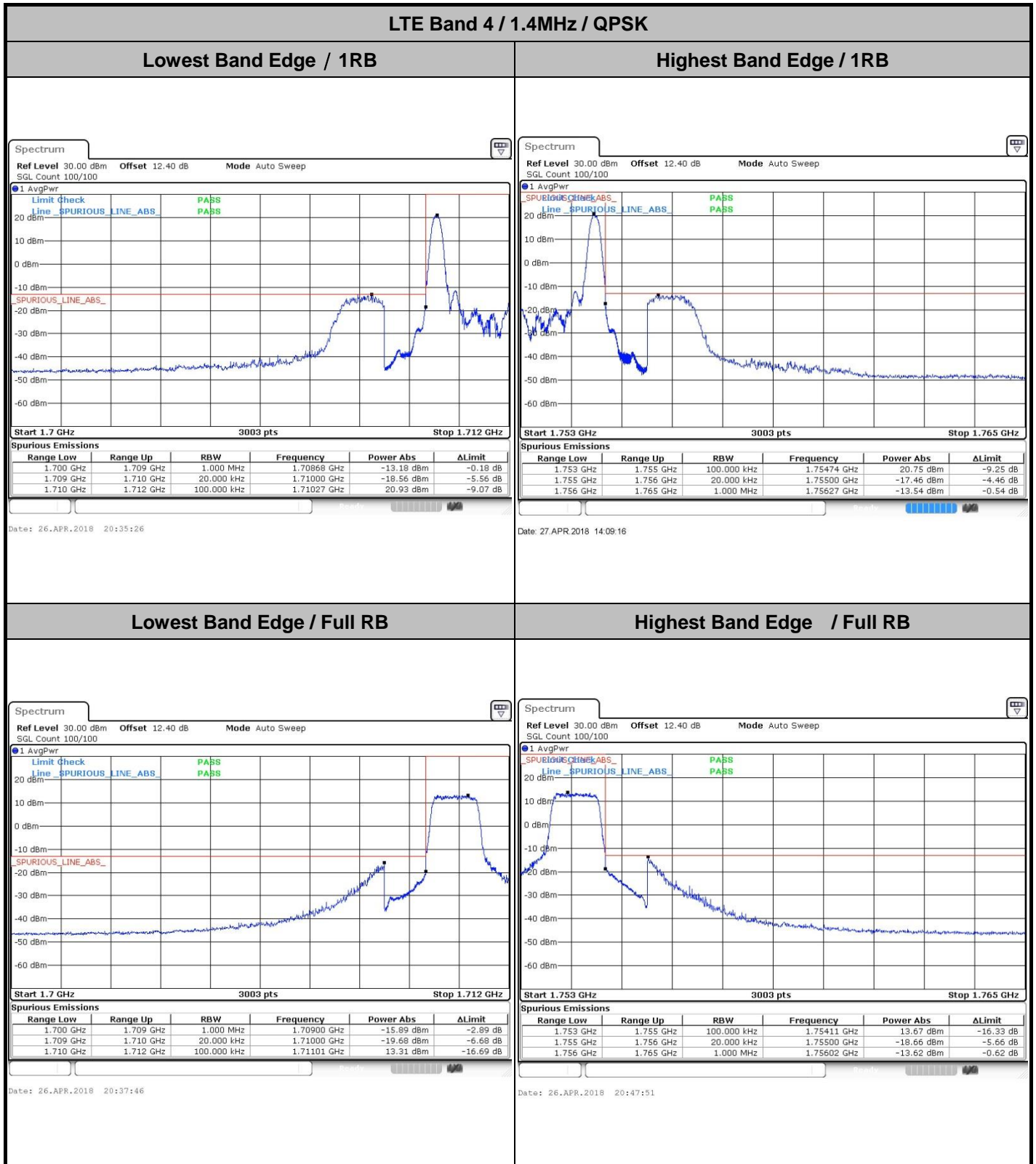
Highest Channel / 15MHz / 16QAM



Date: 26.APR.2018 21:37:56



# Conducted Band Edge





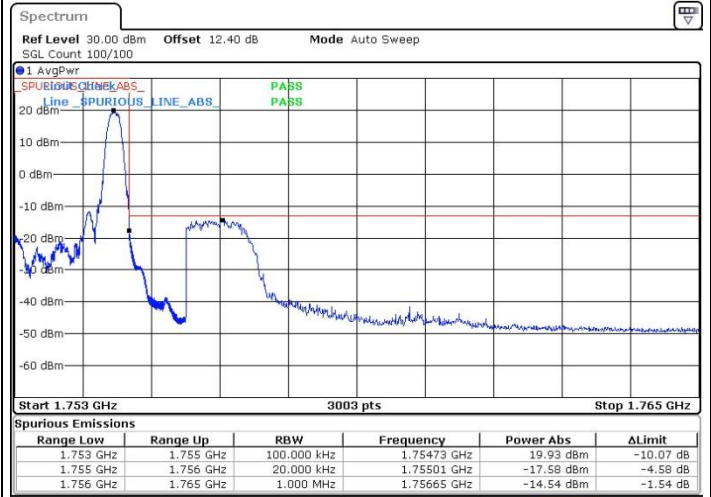
LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



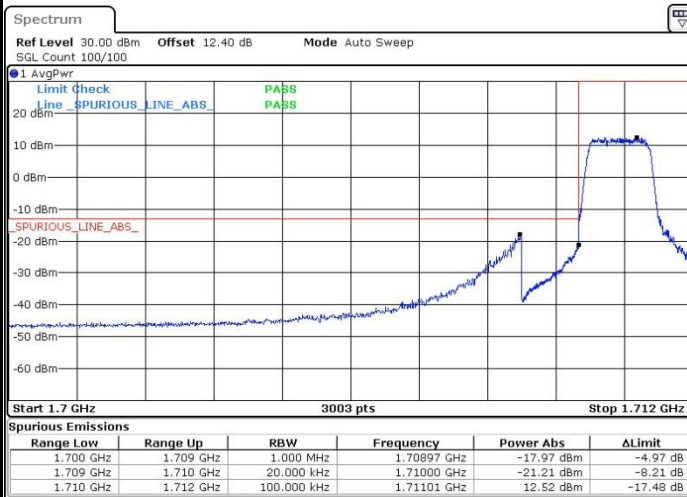
Date: 26.APR.2018 20:36:36

Highest Band Edge / 1 RB



Date: 27.APR.2018 14:10:28

Lowest Band Edge / Full RB



Date: 26.APR.2018 20:38:55

Highest Band Edge / Full RB

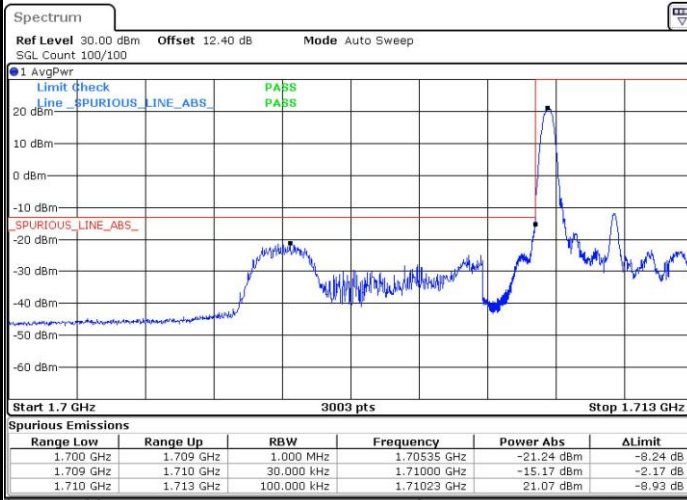


Date: 26.APR.2018 20:49:01



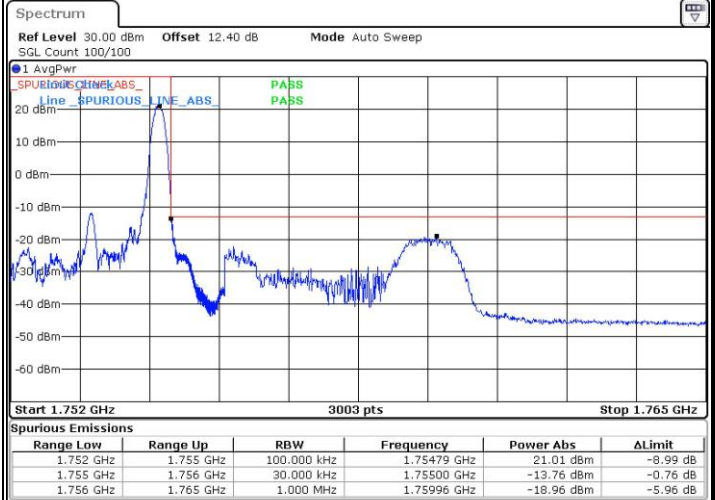
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



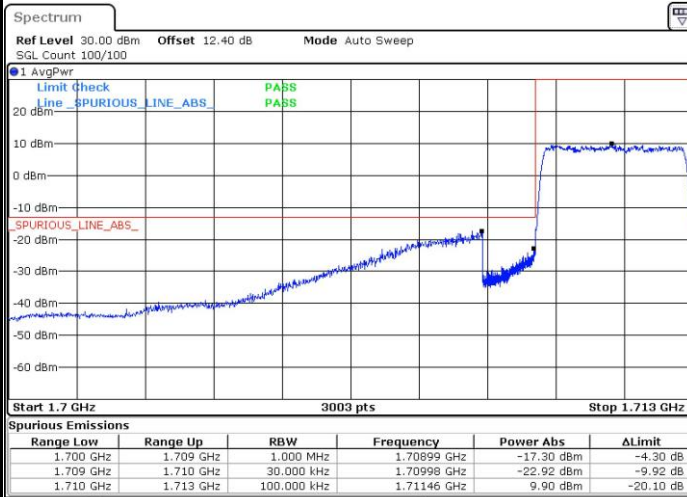
Date: 26.APR.2018 20:57:35

Highest Band Edge / 1 RB



Date: 26.APR.2018 21:07:40

Lowest Band Edge / Full RB



Date: 26.APR.2018 20:59:55

Highest Band Edge / Full RB

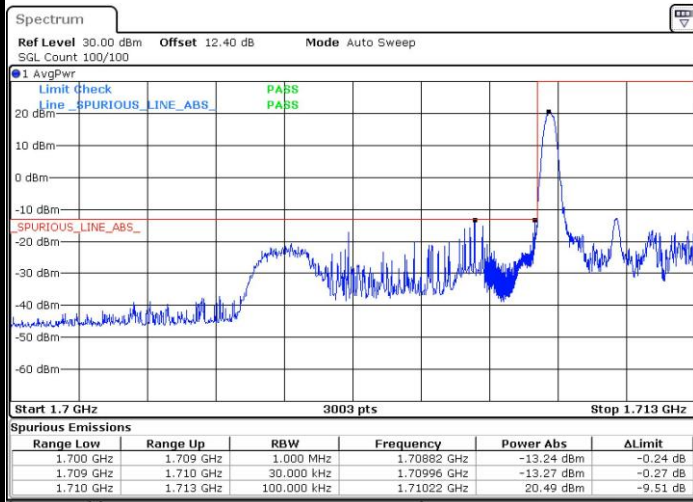


Date: 27.APR.2018 14:18:48



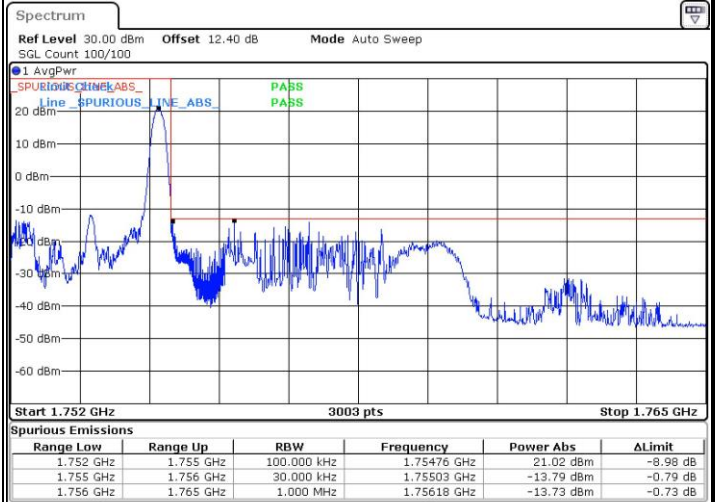
LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



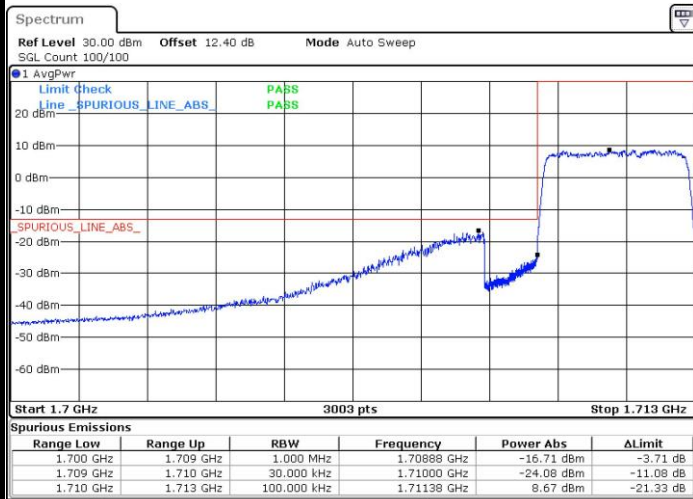
Date: 26.APR.2018 20:58:45

Highest Band Edge / 1 RB



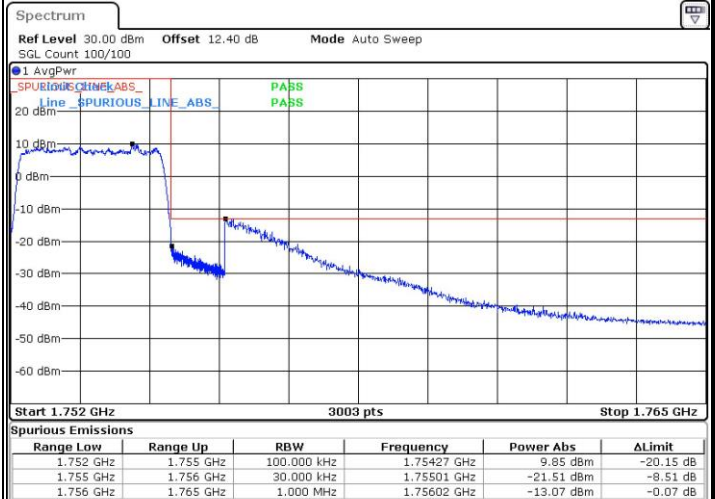
Date: 26.APR.2018 21:19:16

Lowest Band Edge / Full RB



Date: 26.APR.2018 21:01:04

Highest Band Edge / Full RB

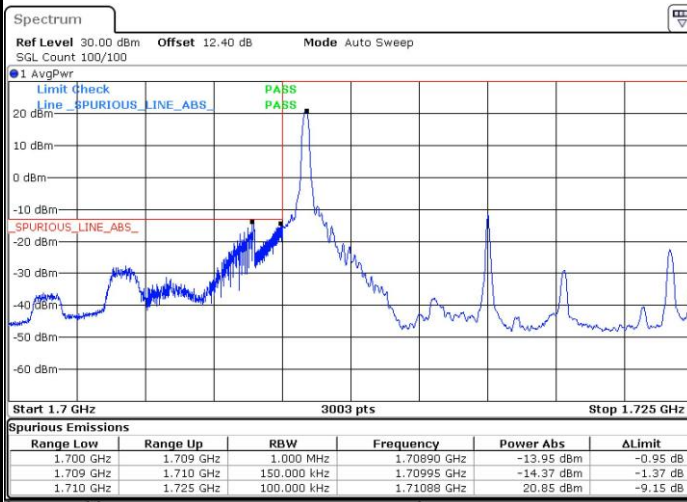


Date: 26.APR.2018 21:21:38



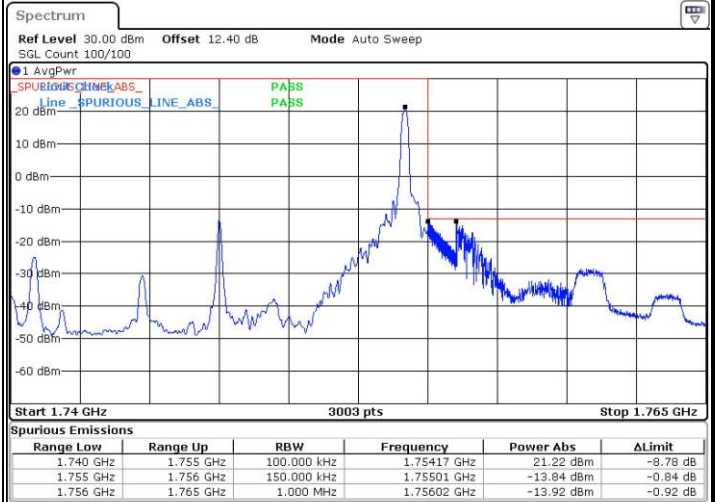
LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / 1 RB



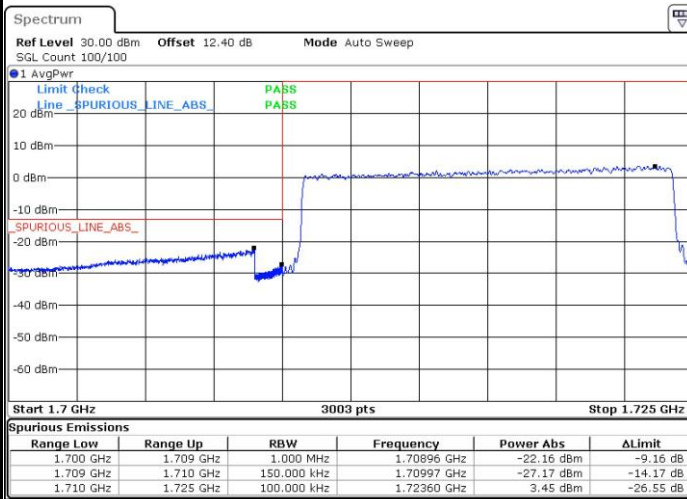
Date: 26.APR.2018 21:29:23

Highest Band Edge / 1 RB



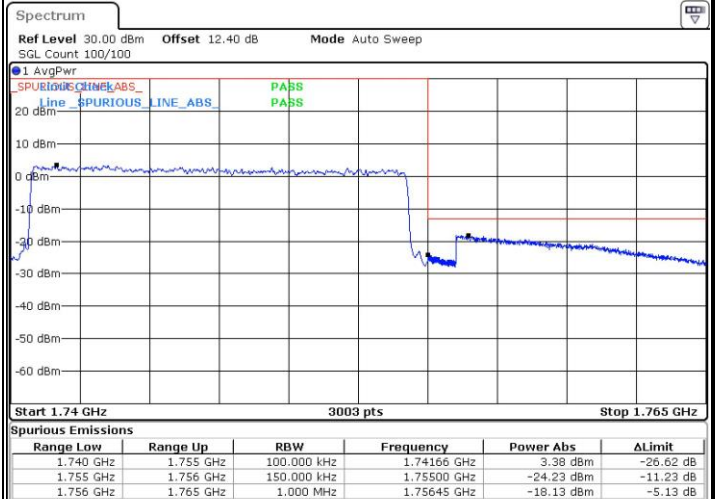
Date: 26.APR.2018 21:46:20

Lowest Band Edge / Full RB



Date: 26.APR.2018 21:31:43

Highest Band Edge / Full RB

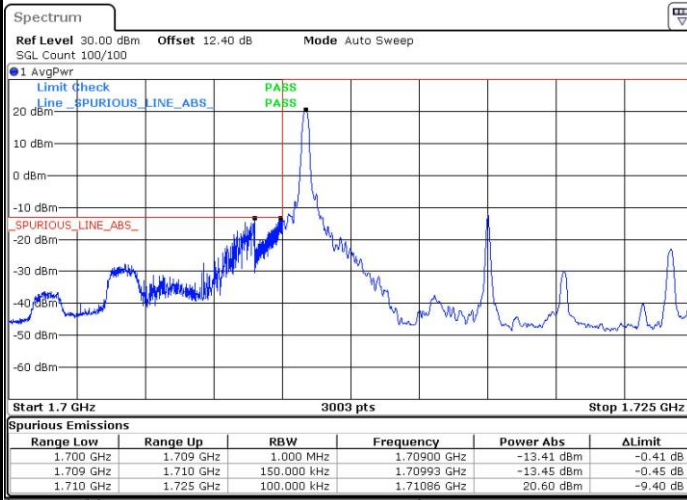


Date: 26.APR.2018 21:41:47



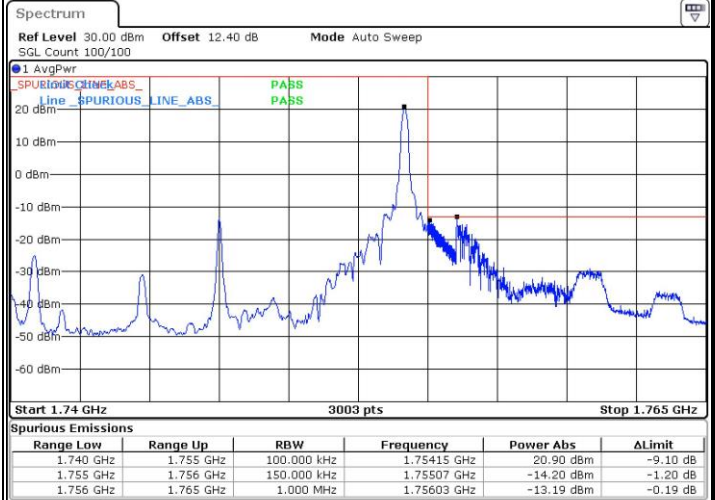
LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



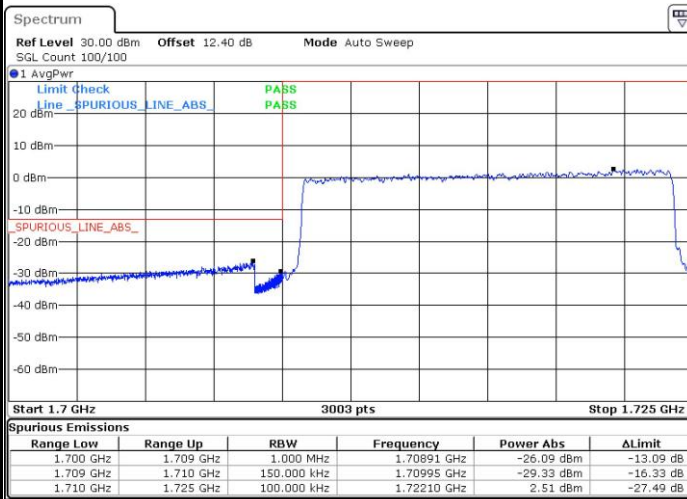
Date: 26.APR.2018 21:45:30

Highest Band Edge / 1 RB



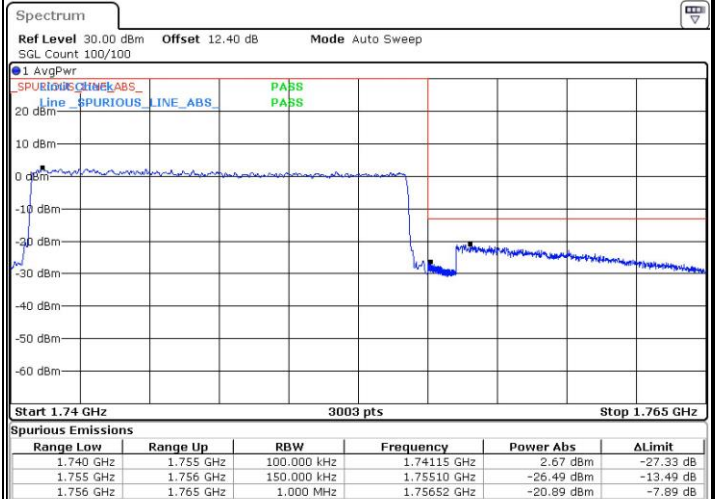
Date: 26.APR.2018 21:40:38

Lowest Band Edge / Full RB



Date: 26.APR.2018 21:32:52

Highest Band Edge / Full RB

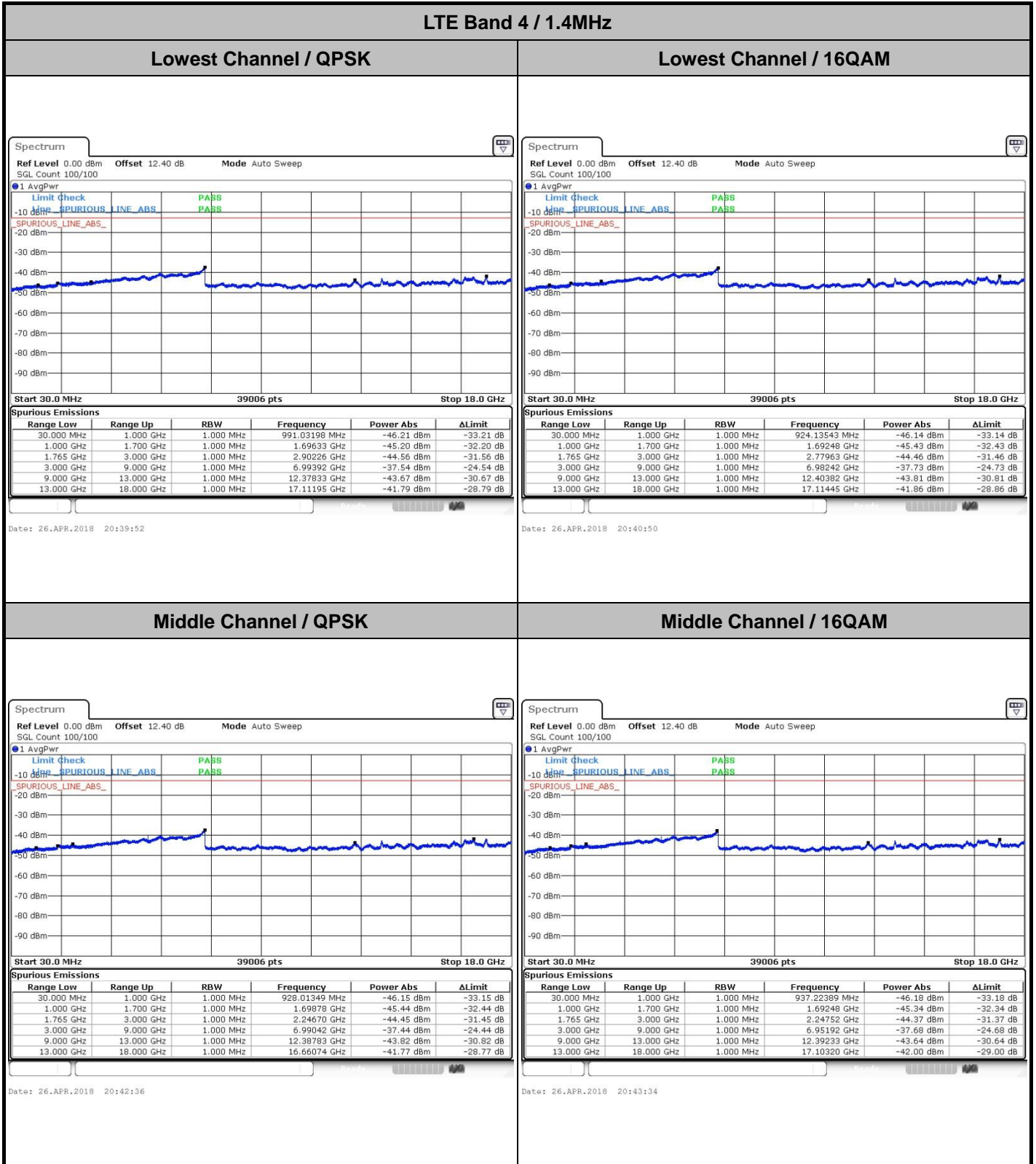


Date: 26.APR.2018 21:42:56





# Conducted Spurious Emission

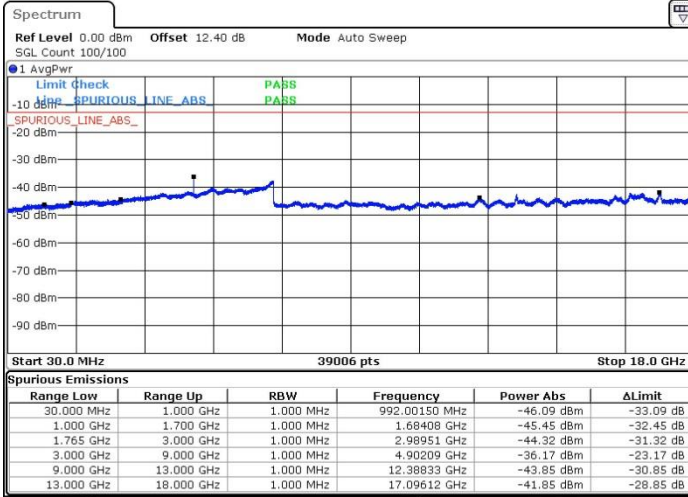




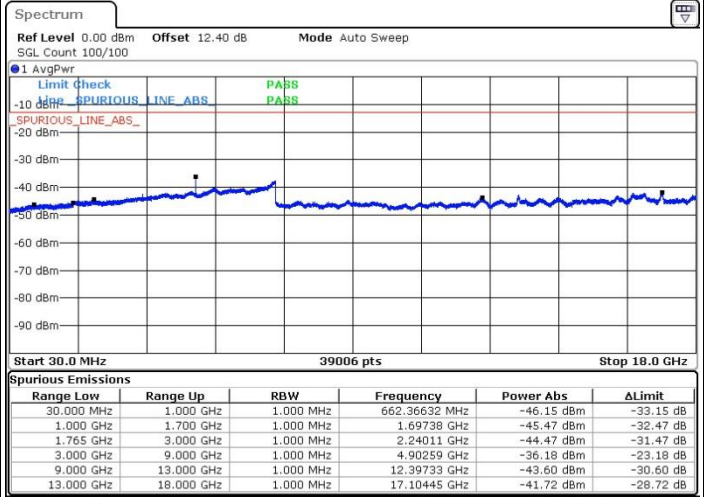
LTE Band 4 / 1.4MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 26.APR.2018 20:49:57



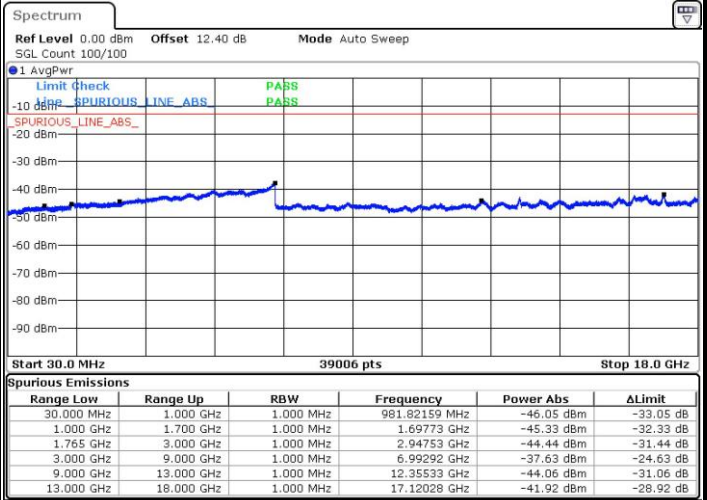
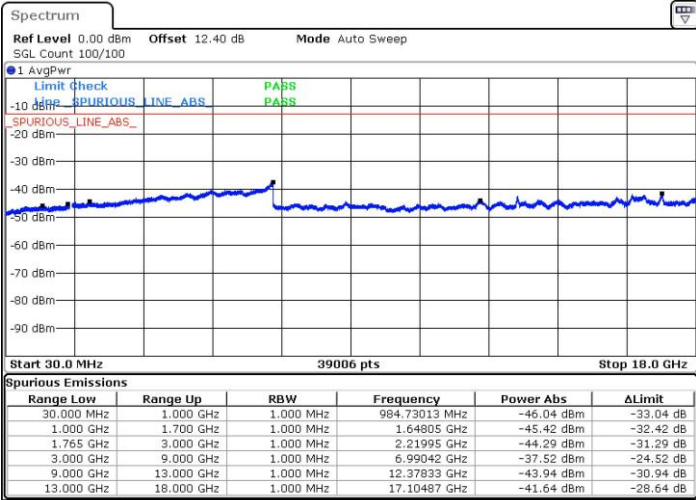
Date: 26.APR.2018 20:50:55



LTE Band 4 / 3MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

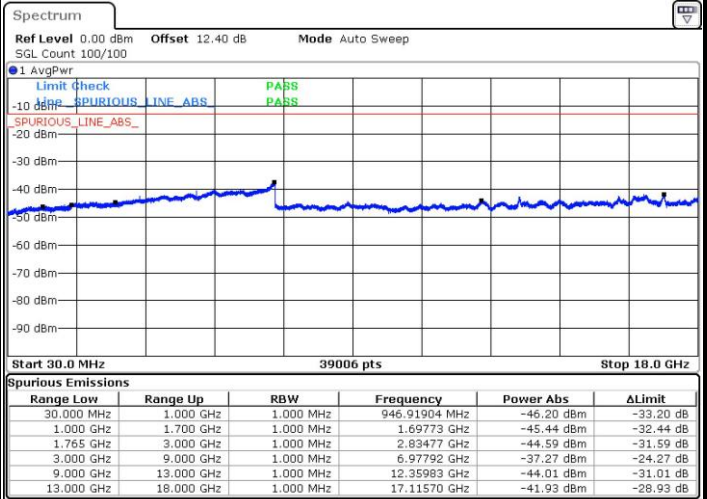
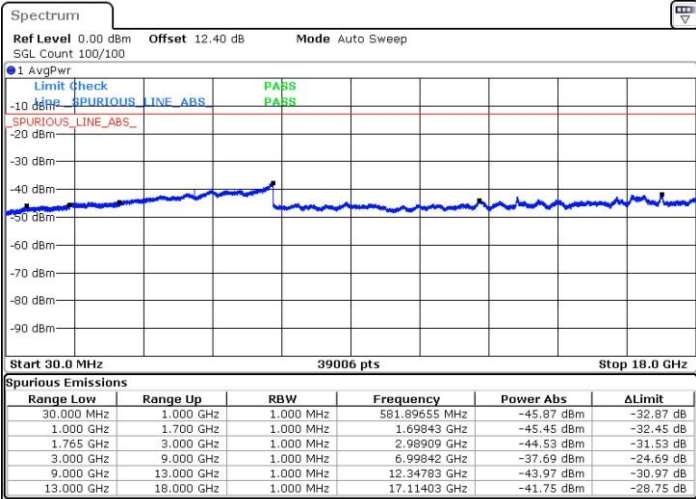


Date: 26.APR.2018 21:02:01

Date: 26.APR.2018 21:02:59

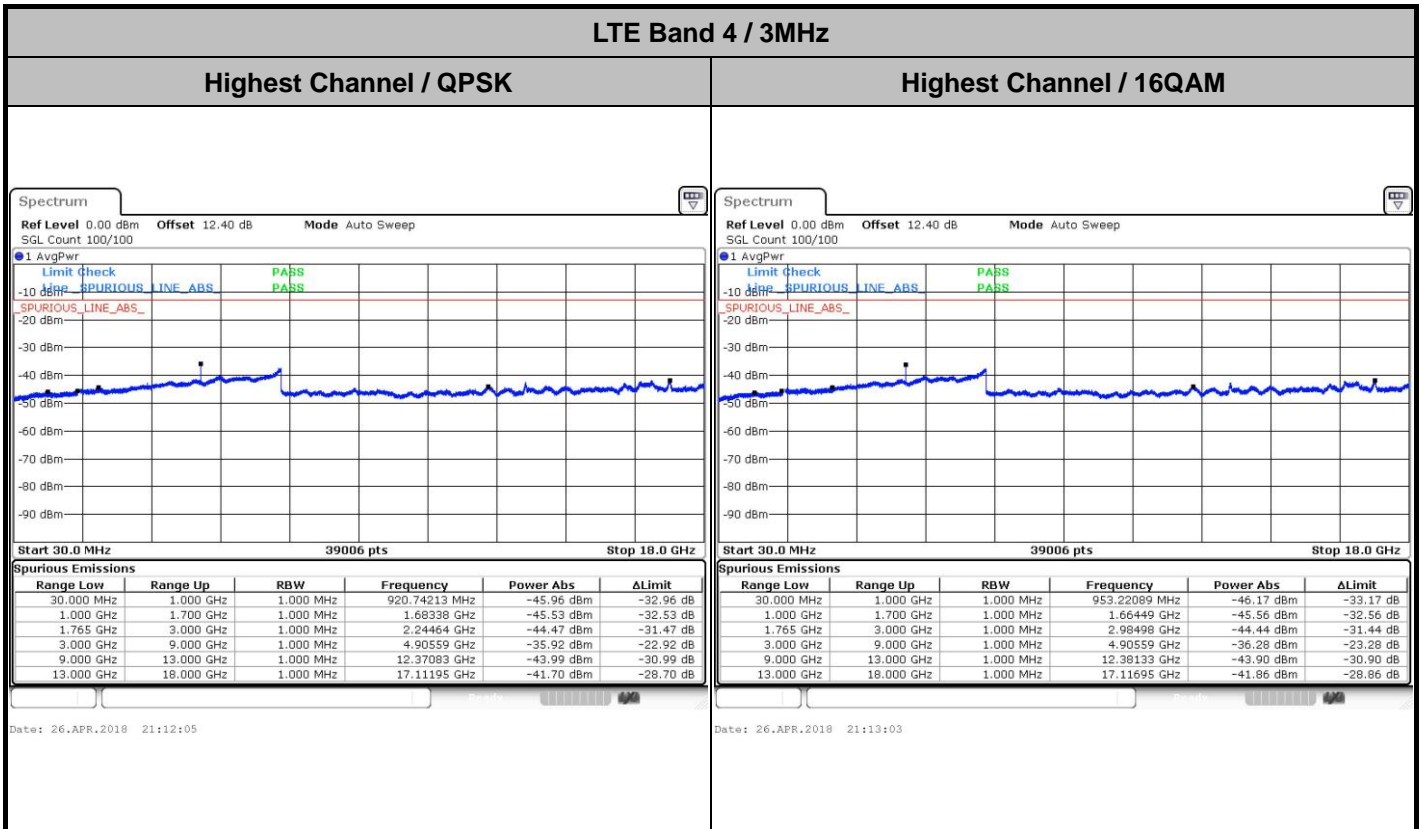
Middle Channel / QPSK

Middle Channel / 16QAM



Date: 26.APR.2018 21:04:44

Date: 26.APR.2018 21:05:43

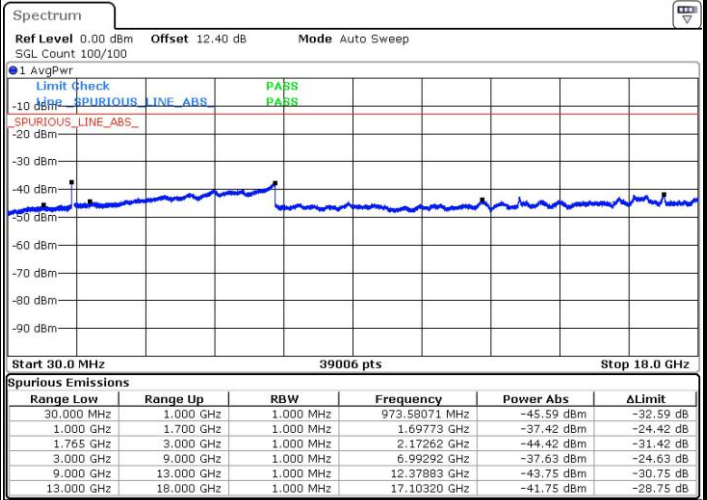
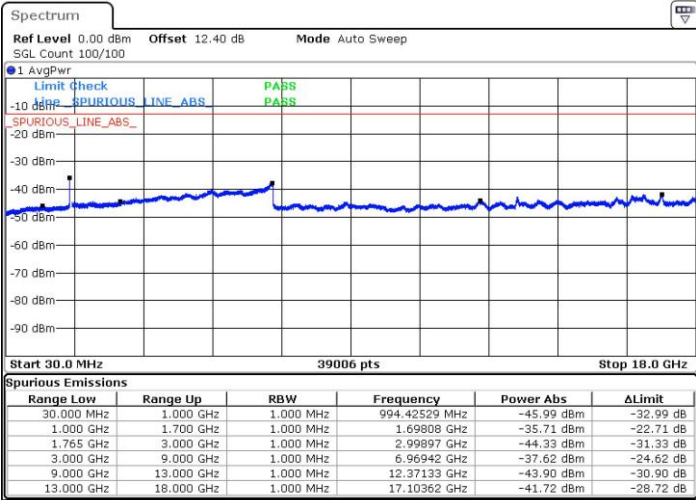




LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

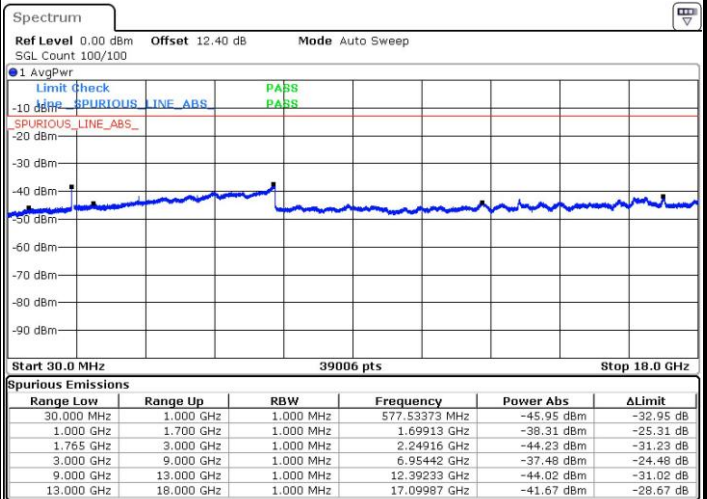
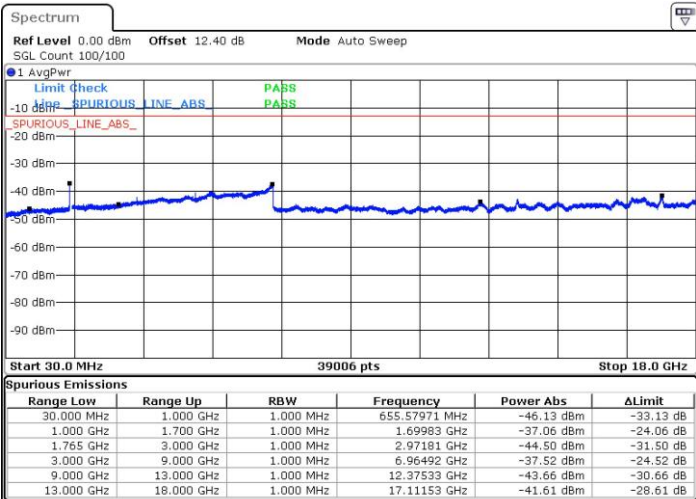


Date: 26.APR.2018 21:33:49

Date: 26.APR.2018 21:34:47

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 26.APR.2018 21:36:32

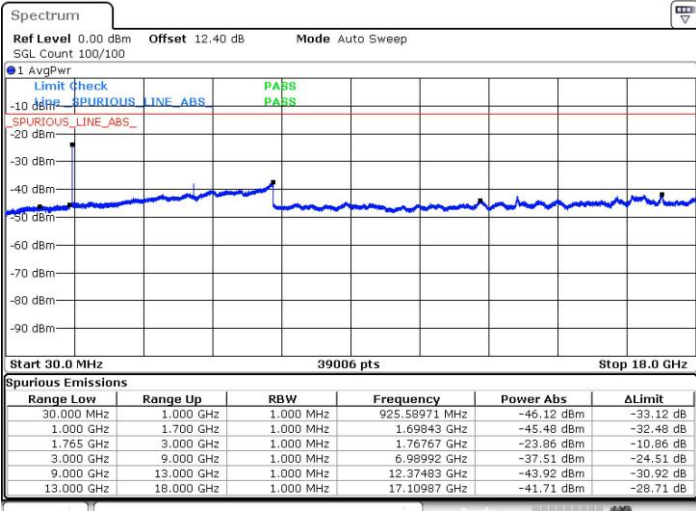
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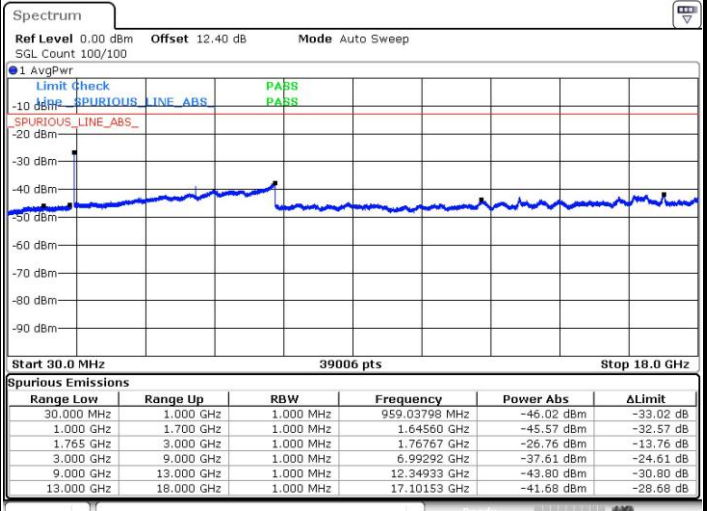
LTE Band 4 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 26.APR.2018 21:43:53



Date: 26.APR.2018 21:44:51



## Appendix B. Test Results of ERP/EIRP and Radiated Test

### ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = -9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.96	0.1977	13.96	0.0249
Middle		1	0	22.72	0.1871	13.72	0.0236
Highest		1	0	22.64	0.1837	13.64	0.0231
Lowest	16QAM	1	3	22.50	0.1778	13.50	0.0224
Middle		1	3	22.51	0.1782	13.51	0.0224
Highest		1	3	22.39	0.1734	13.39	0.0218
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.01	0.2000	14.01	0.0252
Middle		1	0	22.79	0.1901	13.79	0.0239
Highest		1	0	22.78	0.1897	13.78	0.0239
Lowest	16QAM	1	0	22.44	0.1754	13.44	0.0221
Middle		1	0	22.53	0.1791	13.53	0.0225
Highest		1	0	22.57	0.1807	13.57	0.0228
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.12	0.2051	14.12	0.0258
Middle		1	0	23.05	0.2018	14.05	0.0254
Highest		1	0	23.28	0.2128	14.28	0.0268
Lowest	16QAM	1	0	22.79	0.1901	13.79	0.0239
Middle		1	0	22.58	0.1811	13.58	0.0228
Highest		1	0	22.80	0.1905	13.80	0.0240
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.16	0.2070	14.16	0.0261
Middle		1	0	23.14	0.2061	14.14	0.0259
Highest		1	0	23.58	0.2280	14.58	0.0287
Lowest	16QAM	1	0	22.85	0.1928	13.85	0.0243
Middle		1	0	22.77	0.1892	13.77	0.0238
Highest		1	0	22.95	0.1972	13.95	0.0248
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.05	0.2018	14.05	0.0254
Middle		1	0	23.02	0.2004	14.02	0.0252
Highest		1	0	23.27	0.2123	14.27	0.0267
Lowest	16QAM	1	0	22.98	0.1986	13.98	0.0250
Middle		1	0	22.83	0.1919	13.83	0.0242
Highest		1	0	22.99	0.1991	13.99	0.0251
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.47	0.2223	14.47	0.0280
Middle		1	0	23.33	0.2153	14.33	0.0271
Highest		1	0	23.51	0.2244	14.51	0.0282
Lowest	16QAM	1	0	22.98	0.1986	13.98	0.0250
Middle		1	0	22.81	0.1910	13.81	0.0240
Highest		1	0	22.98	0.1986	13.98	0.0250
Limit	EIRP < 2W			Result		PASS	





LTE Band 4 / 1.4MHz (Average) (GT - LC = -7.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	3	22.91	0.1954	15.51	0.0356
Middle		3	3	22.93	0.1963	15.53	0.0357
Highest		3	3	23.25	0.2113	15.85	0.0385
Lowest	16QAM	1	0	22.59	0.1816	15.19	0.0330
Middle		1	0	22.44	0.1754	15.04	0.0319
Highest		1	0	22.89	0.1945	15.49	0.0354
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -7.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.75	0.1884	15.35	0.0343
Middle		1	0	22.60	0.1820	15.20	0.0331
Highest		1	0	23.25	0.2113	15.85	0.0385
Lowest	16QAM	1	0	22.51	0.1782	15.11	0.0324
Middle		1	0	22.38	0.1730	14.98	0.0315
Highest		1	0	22.86	0.1932	15.46	0.0352
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -7.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	22.85	0.1928	15.45	0.0351
Middle		1	12	22.80	0.1905	15.40	0.0347
Highest		1	12	23.21	0.2094	15.81	0.0381
Lowest	16QAM	1	0	22.60	0.1820	15.20	0.0331
Middle		1	0	22.43	0.1750	15.03	0.0318
Highest		1	0	22.73	0.1875	15.33	0.0341
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -7.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.95	0.1972	15.55	0.0359
Middle		1	0	22.97	0.1982	15.57	0.0361
Highest		1	0	23.28	0.2128	15.88	0.0387
Lowest	16QAM	1	0	22.80	0.1905	15.40	0.0347
Middle		1	0	22.79	0.1901	15.39	0.0346
Highest		1	0	22.99	0.1991	15.59	0.0362
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -7.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.21	0.2094	15.81	0.0381
Middle		1	0	23.18	0.2080	15.78	0.0378
Highest		1	0	23.26	0.2118	15.86	0.0385
Lowest	16QAM	1	0	23.00	0.1995	15.60	0.0363
Middle		1	0	22.93	0.1963	15.53	0.0357
Highest		1	0	23.06	0.2023	15.66	0.0368
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -7.4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.25	0.2113	15.85	0.0385
Middle		1	0	23.10	0.2042	15.70	0.0372
Highest		1	0	23.28	0.2128	15.88	0.0387
Lowest	16QAM	1	0	22.96	0.1977	15.56	0.0360
Middle		1	0	22.64	0.1837	15.24	0.0334
Highest		1	0	22.95	0.1972	15.55	0.0359
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -8.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	22.79	0.1901	11.74	0.0149
Middle		3	0	22.97	0.1982	11.92	0.0156
Highest		3	0	22.80	0.1905	11.75	0.0150
Lowest	16QAM	1	3	22.63	0.1832	11.58	0.0144
Middle		1	3	22.51	0.1782	11.46	0.0140
Highest		1	3	22.41	0.1742	11.36	0.0137
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -8.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.75	0.1884	11.70	0.0148
Middle		1	0	22.94	0.1968	11.89	0.0155
Highest		1	0	22.77	0.1892	11.72	0.0149
Lowest	16QAM	1	8	22.55	0.1799	11.50	0.0141
Middle		1	8	22.46	0.1762	11.41	0.0138
Highest		1	8	22.30	0.1698	11.25	0.0133
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -8.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.80	0.1905	11.75	0.0150
Middle		1	0	22.95	0.1972	11.90	0.0155
Highest		1	0	22.83	0.1919	11.78	0.0151
Lowest	16QAM	1	12	22.35	0.1718	11.30	0.0135
Middle		1	12	22.18	0.1652	11.13	0.0130
Highest		1	12	22.12	0.1629	11.07	0.0128
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 10MHz (Average) (GT - LC = -8.9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.78	0.1897	11.73	0.0149
Middle		1	0	22.98	0.1986	11.93	0.0156
Highest		1	0	22.77	0.1892	11.72	0.0149
Lowest	16QAM	1	0	22.38	0.1730	11.33	0.0136
Middle		1	0	22.31	0.1702	11.26	0.0134
Highest		1	0	22.20	0.1660	11.15	0.0130
Limit	ERP < 7W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.74	0.1879	11.59	0.0144
Middle		1	0	22.73	0.1875	11.58	0.0144
Highest		1	0	22.82	0.1914	11.67	0.0147
Lowest	16QAM	1	12	22.19	0.1656	11.04	0.0127
Middle		1	12	22.24	0.1675	11.09	0.0129
Highest		1	12	22.11	0.1626	10.96	0.0125
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -9 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.48	0.1770	11.33	0.0136
Middle		1	0	22.49	0.1774	11.34	0.0136
Highest		1	0	22.57	0.1807	11.42	0.0139
Lowest	16QAM	1	0	22.16	0.1644	11.01	0.0126
Middle		1	0	22.09	0.1618	10.94	0.0124
Highest		1	0	22.29	0.1694	11.14	0.0130
Limit	ERP < 3W			Result		PASS	



**Radiated Spurious Emission**

**LTE Band 2**

LTE Band 2 / 1.4MHz / QPSK									
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	-45.62	-13	-32.62	-61.19	-55.93	1.97	12.28	H
	5550	-56.83	-13	-43.83	-74.93	-66.96	2.14	12.27	H
	7403	-52.07	-13	-39.07	-72.57	-60.07	2.17	10.17	H
									H
									H
	3700	-49.07	-13	-36.07	-64.18	-59.38	1.97	12.28	V
	5550	-57.49	-13	-44.49	-75.6	-67.62	2.14	12.27	V
	7403	-52.36	-13	-39.36	-72.74	-60.36	2.17	10.17	V
									V
									V
Middle	3756	-51.52	-13	-38.52	-67.14	-61.76	2.00	12.25	H
	5639	-57.60	-13	-44.60	-75.73	-67.87	2.12	12.39	H
	7515	-52.82	-13	-39.82	-73.39	-60.76	2.11	10.05	H
									H
									H
	3756	-52.91	-13	-39.91	-68.03	-63.15	2.00	12.25	V
	5639	-57.84	-13	-44.84	-75.94	-68.11	2.12	12.39	V
	7515	-53.55	-13	-40.55	-74.39	-61.49	2.11	10.05	V
									V
									V



Highest	3819	-48.50	-13	-35.50	-64.2	-58.67	2.04	12.21	H
	5726	-57.27	-13	-44.27	-75.76	-67.68	2.10	12.52	H
	7634	-53.80	-13	-40.80	-74.71	-62.17	2.11	10.48	H
									H
									H
	3819	-51.34	-13	-38.34	-66.53	-61.51	2.04	12.21	V
	5726	-57.38	-13	-44.38	-75.85	-67.79	2.10	12.52	V
	7634	-53.22	-13	-40.22	-74.03	-61.59	2.11	10.48	V
									V
									V
									V
									V

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



LTE Band 2 / 3MHz / QPSK									
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	-47.21	-13	-34.21	-62.78	-57.52	1.97	12.28	H
	5550	-57.15	-13	-44.15	-75.25	-67.28	2.14	12.27	H
	7403	-52.42	-13	-39.42	-72.92	-60.42	2.17	10.17	H
									H
									H
									H
									H
	3700	-48.76	-13	-35.76	-63.87	-59.07	1.97	12.28	V
	5550	-57.43	-13	-44.43	-75.54	-67.56	2.14	12.27	V
	7403	-54.13	-13	-41.13	-74.51	-62.13	2.17	10.17	V
									V
									V
									V
									V
Middle	3756	-50.87	-13	-37.87	-66.49	-61.11	2.00	12.25	H
	5635	-57.42	-13	-44.42	-75.55	-67.69	2.12	12.39	H
	7515	-52.38	-13	-39.38	-72.95	-60.32	2.11	10.05	H
									H
									H
									H
									H
	3756	-53.15	-13	-40.15	-68.27	-63.39	2.00	12.25	V
	5635	-58.11	-13	-45.11	-76.21	-68.38	2.12	12.39	V
	7515	-53.20	-13	-40.20	-74.04	-61.14	2.11	10.05	V
									V
									V
									V
									V



Highest	3812	-50.70	-13	-37.70	-66.37	-60.88	2.03	12.21	H
	5721	-57.34	-13	-44.34	-75.83	-67.75	2.10	12.51	H
	7628	-53.74	-13	-40.74	-74.65	-62.09	2.11	10.46	H
									H
									H
									H
									H
	3812	-52.71	-13	-39.71	-67.83	-62.89	2.03	12.21	V
	5721	-57.15	-13	-44.15	-75.62	-67.56	2.10	12.51	V
	7628	-53.96	-13	-40.96	-74.77	-62.31	2.11	10.46	V
									V
									V
									V
									V

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





LTE Band 2 / 5MHz / QPSK									
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	-47.51	-13	-34.51	-63.08	-57.82	1.97	12.28	H
	5548	-56.97	-13	-43.97	-75.07	-67.09	2.14	12.27	H
	7403	-53.39	-13	-40.39	-73.89	-61.39	2.17	10.17	H
									H
									H
									H
									H
	3700	-48.09	-13	-35.09	-63.2	-58.40	1.97	12.28	V
	5548	-56.81	-13	-43.81	-74.92	-66.93	2.14	12.27	V
	7403	-53.88	-13	-40.88	-74.26	-61.88	2.17	10.17	V
									V
									V
									V
									V
Middle	3756	-51.59	-13	-38.59	-67.21	-61.83	2.00	12.25	H
	5633	-56.94	-13	-43.94	-75.07	-67.20	2.12	12.39	H
	7508	-52.42	-13	-39.42	-72.99	-60.33	2.11	10.03	H
									H
									H
									H
									H
	3756	-52.75	-13	-39.75	-67.87	-62.99	2.00	12.25	V
	5633	-57.73	-13	-44.73	-75.83	-67.99	2.12	12.39	V
	7508	-53.07	-13	-40.07	-73.91	-60.98	2.11	10.03	V
									V
									V
									V
									V



Highest	3812	-50.90	-13	-37.90	-66.57	-61.08	2.03	12.21	H
	5715	-57.12	-13	-44.12	-75.53	-67.52	2.11	12.50	H
	7621	-53.84	-13	-40.84	-74.71	-62.16	2.11	10.44	H
									H
									H
									H
									H
	3812	-52.78	-13	-39.78	-67.9	-62.96	2.03	12.21	V
	5715	-57.40	-13	-44.40	-75.78	-67.80	2.11	12.50	V
	7621	-53.75	-13	-40.75	-74.47	-62.07	2.11	10.44	V
									V
									V
									V
									V

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



LTE Band 2 / 10MHz / QPSK									
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	-46.37	-13	-33.37	-61.94	-56.68	1.97	12.28	H
	5548	-56.96	-13	-43.96	-75.06	-67.08	2.14	12.27	H
	7403	-53.34	-13	-40.34	-73.84	-61.34	2.17	10.17	H
									H
									H
									H
									H
	3700	-46.58	-13	-33.58	-61.69	-56.89	1.97	12.28	V
	5548	-56.95	-13	-43.95	-75.06	-67.07	2.14	12.27	V
	7403	-54.00	-13	-41.00	-74.38	-62.00	2.17	10.17	V
									V
									V
									V
									V
Middle	3749	-52.10	-13	-39.10	-67.72	-62.35	2.00	12.25	H
	5625	-56.85	-13	-43.85	-74.91	-67.10	2.13	12.38	H
	7501	-53.46	-13	-40.46	-73.97	-61.35	2.11	10.00	H
									H
									H
									H
									H
	3749	-54.19	-13	-41.19	-69.31	-64.44	2.00	12.25	V
	5625	-57.69	-13	-44.69	-75.73	-67.94	2.13	12.38	V
	7501	-52.93	-13	-39.93	-73.8	-60.82	2.11	10.00	V
									V
									V
									V
									V
								V	



Highest	3798	-55.01	-13	-42.01	-70.69	-65.21	2.02	12.22	H
	5702	-56.52	-13	-43.52	-74.95	-66.89	2.11	12.48	H
	7599	-53.91	-13	-40.91	-74.75	-62.15	2.11	10.36	H
									H
									H
									H
									H
	3798	-56.94	-13	-43.94	-72.07	-67.14	2.02	12.22	V
	5702	-57.08	-13	-44.08	-75.48	-67.45	2.11	12.48	V
	7599	-53.90	-13	-40.90	-74.56	-62.14	2.11	10.36	V
									V
									V
									V
									V

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



LTE Band 2 / 15MHz / QPSK									
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	-47.99	-13	-34.99	-63.56	-58.30	1.97	12.28	H
	5552	-57.32	-13	-44.32	-75.42	-67.45	2.14	12.27	H
	7403	-52.48	-13	-39.48	-72.98	-60.48	2.17	10.17	H
									H
									H
									H
									H
	3700	-47.32	-13	-34.32	-62.43	-57.63	1.97	12.28	V
	5552	-57.32	-13	-44.32	-75.43	-67.45	2.14	12.27	V
	7403	-53.78	-13	-40.78	-74.16	-61.78	2.17	10.17	V
									V
									V
									V
									V
Middle	3749	-49.56	-13	-36.56	-65.18	-59.81	2.00	12.25	H
	5619	-56.79	-13	-43.79	-74.85	-67.03	2.13	12.37	H
	7493	-53.53	-13	-40.53	-74.04	-61.42	2.12	10.01	H
									H
									H
									H
									H
	3749	-52.87	-13	-39.87	-67.99	-63.12	2.00	12.25	V
	5619	-58.28	-13	-45.28	-76.32	-68.52	2.13	12.37	V
	7493	-53.23	-13	-40.23	-74.1	-61.12	2.12	10.01	V
									V
									V
									V
									V
								V	



Highest	3791	-50.52	-13	-37.52	-66.17	-60.72	2.02	12.23	H
	5687	-57.43	-13	-44.43	-75.78	-67.78	2.11	12.46	H
	7583	-53.95	-13	-40.95	-74.74	-62.13	2.11	10.30	H
									H
									H
									H
									H
	3791	-50.91	-13	-37.91	-66.03	-61.11	2.02	12.23	V
	5687	-57.83	-13	-44.83	-76.16	-68.18	2.11	12.46	V
	7583	-53.99	-13	-40.99	-74.69	-62.17	2.11	10.30	V
									V
									V
									V
									V

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



LTE Band 2 / 20MHz / QPSK									
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	-47.60	-13	-34.60	-63.17	-57.91	1.97	12.28	H
	5553	-57.27	-13	-44.27	-75.37	-67.40	2.14	12.27	H
	7403	-52.88	-13	-39.88	-73.38	-60.88	2.17	10.17	H
									H
									H
									H
									H
	3700	-46.33	-13	-33.33	-61.44	-56.64	1.97	12.28	V
	5553	-57.42	-13	-44.42	-75.53	-67.55	2.14	12.27	V
	7403	-52.99	-13	-39.99	-73.37	-60.99	2.17	10.17	V
									V
									V
									V
									V
Middle	3742	-46.64	-13	-33.64	-62.25	-56.90	2.00	12.25	H
	5613	-57.26	-13	-44.26	-75.24	-67.49	2.13	12.36	H
	7484	-53.76	-13	-40.76	-74.27	-61.66	2.12	10.03	H
									H
									H
									H
									H
	3742	-50.46	-13	-37.46	-65.58	-60.72	2.00	12.25	V
	5613	-57.67	-13	-44.67	-75.62	-67.90	2.13	12.36	V
	7484	-53.45	-13	-40.45	-74.32	-61.35	2.12	10.03	V
									V
									V
									V
									V



Highest	3784	-45.15	-13	-32.15	-60.81	-55.36	2.02	12.23	H
	5673	-57.58	-13	-44.58	-75.85	-67.91	2.12	12.44	H
	7564	-54.03	-13	-41.03	-74.75	-62.15	2.11	10.23	H
									H
									H
									H
									H
	3784	-47.02	-13	-34.02	-62.15	-57.23	2.02	12.23	V
	5673	-57.64	-13	-44.64	-75.88	-67.97	2.12	12.44	V
	7564	-54.44	-13	-41.44	-75.16	-62.56	2.11	10.23	V
									V
									V
									V
									V

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





### LTE Band 4

LTE Band 4 / 1.4MHz / QPSK									
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	-52.14	-13	-39.14	-67.35	-62.50	1.80	12.16	H
	5128	-56.73	-13	-43.73	-74.46	-66.55	2.31	12.13	H
	6843	-45.86	-13	-32.86	-65.13	-54.55	2.37	11.06	H
									H
									H
									H
									H
	3420	-53.93	-13	-40.93	-68.95	-64.29	1.80	12.16	V
	5128	-57.09	-13	-44.09	-75.04	-66.91	2.31	12.13	V
	6843	-49.78	-13	-36.78	-70.25	-58.47	2.37	11.06	V
									V
									V
									V
									V
Middle	3462	-45.04	-13	-32.04	-60.65	-55.49	1.84	12.29	H
	5198	-58.74	-13	-45.74	-76.25	-68.60	2.28	12.14	H
	6927	-55.14	-13	-42.14	-74.47	-63.72	2.40	10.97	H
									H
									H
									H
									H
	3462	-40.81	-13	-27.81	-56.16	-51.26	1.84	12.29	V
	5198	-58.72	-13	-45.72	-76.47	-68.58	2.28	12.14	V
	6927	-51.68	-13	-38.68	-72.12	-60.26	2.40	10.97	V
									V
									V
									V
									V



Highest	3504	-42.57	-13	-29.57	-58.44	-53.10	1.87	12.40	H
	5261	-56.59	-13	-43.59	-74.28	-66.49	2.25	12.15	H
	7018	-46.64	-13	-33.64	-66.03	-55.10	2.41	10.87	H
									H
									H
									H
									H
	3504	-45.72	-13	-32.72	-61.27	-56.25	1.87	12.40	V
	5261	-57.96	-13	-44.96	-75.81	-67.86	2.25	12.15	V
	7018	-48.15	-13	-35.15	-68.53	-56.61	2.41	10.87	V
									V
									V
									V
									V

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



LTE Band 4 / 3MHz / QPSK									
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	-55.26	-13	-42.26	-70.47	-65.62	1.80	12.16	H
	5128	-57.77	-13	-44.77	-75.5	-67.59	2.31	12.13	H
	6843	-52.99	-13	-39.99	-72.26	-61.68	2.37	11.06	H
									H
									H
									H
									H
	3420	-52.66	-13	-39.66	-67.68	-63.02	1.80	12.16	V
	5128	-57.52	-13	-44.52	-75.47	-67.34	2.31	12.13	V
	6843	-49.42	-13	-36.42	-69.89	-58.11	2.37	11.06	V
									V
									V
									V
									V
Middle	3462	-44.53	-13	-31.53	-60.14	-54.98	1.84	12.29	H
	5191	-58.77	-13	-45.77	-76.28	-68.63	2.28	12.14	H
	6927	-54.09	-13	-41.09	-73.42	-62.67	2.40	10.97	H
									H
									H
									H
									H
	3462	-40.01	-13	-27.01	-55.36	-50.46	1.84	12.29	V
	5191	-58.40	-13	-45.40	-76.15	-68.26	2.28	12.14	V
	6927	-51.31	-13	-38.31	-71.75	-59.89	2.40	10.97	V
									V
									V
									V
									V



Highest	3504	-49.73	-13	-36.73	-65.6	-60.26	1.87	12.40	H
	5254	-58.22	-13	-45.22	-75.86	-68.11	2.26	12.15	H
	7011	-50.66	-13	-37.66	-70.05	-59.13	2.41	10.88	H
									H
									H
									H
									H
	3504	-46.64	-13	-33.64	-62.19	-57.17	1.87	12.40	V
	5254	-57.97	-13	-44.97	-75.8	-67.86	2.26	12.15	V
	7011	-46.35	-13	-33.35	-66.73	-54.82	2.41	10.88	V
									V
									V
									V
									V

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



LTE Band 4 / 5MHz / QPSK									
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	-55.19	-13	-42.19	-70.4	-65.55	1.80	12.16	H
	5128	-58.04	-13	-45.04	-75.77	-67.86	2.31	12.13	H
	6843	-53.36	-13	-40.36	-72.63	-62.05	2.37	11.06	H
									H
									H
									H
									H
	3420	-52.85	-13	-39.85	-67.87	-63.21	1.80	12.16	V
	5128	-58.01	-13	-45.01	-75.96	-67.83	2.31	12.13	V
	6843	-49.06	-13	-36.06	-69.53	-57.75	2.37	11.06	V
									V
									V
									V
									V
Middle	3462	-43.54	-13	-30.54	-59.15	-53.99	1.84	12.29	H
	5191	-58.63	-13	-45.63	-76.14	-68.49	2.28	12.14	H
	6920	-50.20	-13	-37.20	-69.5	-58.79	2.39	10.98	H
									H
									H
									H
									H
	3462	-39.76	-13	-26.76	-55.11	-50.21	1.84	12.29	V
	5191	-58.33	-13	-45.33	-76.08	-68.19	2.28	12.14	V
	6920	-51.19	-13	-38.19	-71.62	-59.78	2.39	10.98	V
									V
									V
									V
									V



Highest	3497	-52.41	-13	-39.41	-68.29	-62.93	1.87	12.39	H
	5247	-58.40	-13	-45.40	-76.04	-68.29	2.26	12.15	H
	7004	-51.41	-13	-38.41	-70.76	-59.89	2.42	10.89	H
									H
									H
									H
									H
	3497	-49.46	-13	-36.46	-65.02	-59.98	1.87	12.39	V
	5247	-57.78	-13	-44.78	-75.61	-67.67	2.26	12.15	V
	7004	-47.50	-13	-34.50	-67.9	-55.98	2.42	10.89	V
									V
									V
									V
									V

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



LTE Band 4 / 10MHz / QPSK									
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	-52.59	-13	-39.59	-67.8	-62.95	1.80	12.16	H
	5131	-56.79	-13	-43.79	-74.52	-66.61	2.31	12.13	H
	6843	-47.74	-13	-34.74	-67.01	-56.43	2.37	11.06	H
									H
									H
									H
									H
	3420	-54.03	-13	-41.03	-69.05	-64.39	1.80	12.16	V
	5131	-57.45	-13	-44.45	-75.4	-67.27	2.31	12.13	V
	6843	-51.25	-13	-38.25	-71.72	-59.94	2.37	11.06	V
									V
									V
									V
									V
Middle	3455	-39.25	-13	-26.25	-54.72	-49.68	1.83	12.27	H
	5184	-58.13	-13	-45.13	-75.69	-67.98	2.28	12.14	H
	6913	-49.29	-13	-36.29	-68.59	-57.89	2.39	10.99	H
									H
									H
									H
									H
	3455	-41.14	-13	-28.14	-56.38	-51.57	1.83	12.27	V
	5184	-58.12	-13	-45.12	-75.92	-67.97	2.28	12.14	V
	6913	-51.60	-13	-38.60	-72.03	-60.20	2.39	10.99	V
									V
									V
									V
									V



Highest	3490	-50.91	-13	-37.91	-66.65	-61.42	1.86	12.37	H
	5236	-56.60	-13	-43.60	-74.2	-66.48	2.26	12.15	H
	6983	-47.80	-13	-34.80	-67.12	-56.30	2.41	10.92	H
									H
									H
									H
									H
	3490	-53.37	-13	-40.37	-68.82	-63.88	1.86	12.37	V
	5236	-57.63	-13	-44.63	-75.43	-67.51	2.26	12.15	V
	6983	-50.82	-13	-37.82	-71.21	-59.32	2.41	10.92	V
									V
									V
									V
									V

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





LTE Band 4 / 15MHz / QPSK									
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	-53.38	-13	-40.38	-68.59	-63.74	1.80	12.16	H
	5135	-56.97	-13	-43.97	-74.7	-66.79	2.30	12.13	H
	6843	-47.16	-13	-34.16	-66.43	-55.85	2.37	11.06	H
	8551	-49.76	-13	-36.76	-73.5	-60.18	2.16	12.58	H
									H
									H
									H
	3420	-55.41	-13	-42.41	-70.43	-65.77	1.80	12.16	V
	5135	-57.04	-13	-44.04	-74.99	-66.86	2.30	12.13	V
	6843	-50.75	-13	-37.75	-71.22	-59.44	2.37	11.06	V
									V
									V
									V
									V
Middle	3448	-36.80	-13	-23.80	-52.27	-47.22	1.83	12.24	H
	5177	-57.30	-13	-44.30	-74.86	-67.15	2.29	12.14	H
	6906	-46.92	-13	-33.92	-66.19	-55.53	2.39	10.99	H
									H
									H
									H
									H
	3448	-39.40	-13	-26.40	-54.64	-49.82	1.83	12.24	V
	5177	-57.86	-13	-44.86	-75.66	-67.71	2.29	12.14	V
	6906	-50.43	-13	-37.43	-70.86	-59.04	2.39	10.99	V
									V
									V
									V
									V



Highest	3483	-48.86	-13	-35.86	-64.6	-59.35	1.86	12.35	H
	5219	-56.94	-13	-43.94	-74.5	-66.81	2.27	12.14	H
	6962	-49.30	-13	-36.30	-68.62	-57.83	2.41	10.94	H
									H
									H
									H
									H
	3483	-49.51	-13	-36.51	-64.96	-60.00	1.86	12.35	V
	5219	-58.26	-13	-45.26	-76.04	-68.13	2.27	12.14	V
	6962	-50.59	-13	-37.59	-70.99	-59.12	2.41	10.94	V
									V
									V
									V
									V

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



LTE Band 4 / 20MHz / QPSK									
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	-53.11	-13	-40.11	-68.32	-63.47	1.80	12.16	H
	5135	-57.34	-13	-44.34	-75.07	-67.16	2.30	12.13	H
	6843	-46.89	-13	-33.89	-66.16	-55.58	2.37	11.06	H
									H
									H
									H
									H
	3420	-54.31	-13	-41.31	-69.33	-64.67	1.80	12.16	V
	5135	-57.64	-13	-44.64	-75.59	-67.46	2.30	12.13	V
	6843	-50.32	-13	-37.32	-70.79	-59.01	2.37	11.06	V
									V
									V
									V
									V
Middle	3448	-38.00	-13	-25.00	-53.47	-48.42	1.83	12.24	H
	5170	-57.86	-13	-44.86	-75.47	-67.70	2.29	12.13	H
	6892	-47.84	-13	-34.84	-67.13	-56.46	2.38	11.01	H
									H
									H
									H
									H
	3448	-39.43	-13	-26.43	-54.67	-49.85	1.83	12.24	V
	5170	-57.96	-13	-44.96	-75.8	-67.80	2.29	12.13	V
	6892	-49.94	-13	-36.94	-70.39	-58.56	2.38	11.01	V
									V
									V
									V
									V



Highest	3469	-44.98	-13	-31.98	-60.59	-55.44	1.84	12.31	H
	5205	-58.52	-13	-45.52	-76.03	-68.39	2.28	12.14	H
	6941	-50.73	-13	-37.73	-70.03	-59.29	2.40	10.96	H
									H
									H
									H
									H
	3469	-44.82	-13	-31.82	-60.17	-55.28	1.84	12.31	V
	5205	-58.53	-13	-45.53	-76.28	-68.40	2.28	12.14	V
	6941	-51.89	-13	-38.89	-72.3	-60.45	2.40	10.96	V
									V
									V
									V
									V

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



### LTE Band 5

LTE Band 5 / 1.4MHz / QPSK									
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	1648	-64.26	-13	-51.26	-73.72	-69.65	1.23	8.76	H
	2472	-61.76	-13	-48.76	-74.34	-68.65	1.44	10.48	H
	3296	-59.57	-13	-46.57	-74.36	-67.51	1.70	11.79	H
									H
									H
									H
									H
	1648	-65.11	-13	-52.11	-73.59	-70.50	1.23	8.76	V
	2472	-62.31	-13	-49.31	-74.56	-69.20	1.44	10.48	V
	3296	-60.08	-13	-47.08	-74.67	-68.02	1.70	11.79	V
									V
									V
									V
									V
Middle	1672	-57.70	-13	-44.70	-66.97	-63.17	1.24	8.85	H
	2507	-62.10	-13	-49.10	-74.64	-69.02	1.44	10.51	H
	3343	-60.09	-13	-47.09	-74.72	-68.13	1.74	11.93	H
									H
									H
									H
									H
	1672	-61.24	-13	-48.24	-69.78	-66.71	1.24	8.85	V
	2507	-61.74	-13	-48.74	-73.97	-68.66	1.44	10.51	V
	3343	-60.32	-13	-47.32	-74.76	-68.36	1.74	11.93	V
									V
									V
									V
									V



Highest	1696	-57.39	-13	-44.39	-66.58	-62.94	1.24	8.94	H
	2543	-60.83	-13	-47.83	-73.42	-67.77	1.44	10.53	H
	3390	-60.31	-13	-47.31	-74.77	-68.45	1.78	12.07	H
									H
									H
									H
									H
	1696	-59.03	-13	-46.03	-67.68	-64.58	1.24	8.94	V
	2543	-59.84	-13	-46.84	-72.21	-66.78	1.44	10.53	V
	3390	-60.51	-13	-47.51	-74.81	-68.65	1.78	12.07	V
									V
									V
									V
									V

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



LTE Band 5 / 3MHz / QPSK									
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	1648	-64.31	-13	-51.31	-73.77	-69.70	1.23	8.76	H
	2472	-61.57	-13	-48.57	-74.15	-68.46	1.44	10.48	H
	3296	-59.70	-13	-46.70	-74.49	-67.64	1.70	11.79	H
									H
									H
									H
									H
	1648	-65.28	-13	-52.28	-73.76	-70.67	1.23	8.76	V
	2472	-62.09	-13	-49.09	-74.34	-68.98	1.44	10.48	V
	3296	-59.90	-13	-46.90	-74.49	-67.84	1.70	11.79	V
									V
									V
									V
									V
Middle	1672	-58.05	-13	-45.05	-67.32	-63.52	1.24	8.85	H
	2505	-62.10	-13	-49.10	-74.64	-69.01	1.44	10.50	H
	3340	-59.93	-13	-46.93	-74.56	-67.96	1.74	11.92	H
									H
									H
									H
									H
	1672	-61.06	-13	-48.06	-69.6	-66.53	1.24	8.85	V
	2505	-62.22	-13	-49.22	-74.45	-69.13	1.44	10.50	V
	3340	-60.26	-13	-47.26	-74.76	-68.29	1.74	11.92	V
									V
									V
									V
									V



Highest	1688	-58.25	-13	-45.25	-67.55	-63.77	1.24	8.91	H
	2538	-61.40	-13	-48.40	-73.96	-68.34	1.44	10.53	H
	3384	-60.12	-13	-47.12	-74.63	-68.25	1.77	12.05	H
									H
									H
									H
									H
	1688	-59.86	-13	-46.86	-68.47	-65.38	1.24	8.91	V
	2538	-60.14	-13	-47.14	-72.43	-67.08	1.44	10.53	V
	3384	-60.33	-13	-47.33	-74.67	-68.46	1.77	12.05	V
									V
									V
									V
									V

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





LTE Band 5 / 5MHz / QPSK									
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	1648	-56.25	-13	-43.25	-65.71	-61.64	1.23	8.76	H
	2472	-61.73	-13	-48.73	-74.31	-68.62	1.44	10.48	H
	3297	-59.78	-13	-46.78	-74.57	-67.72	1.70	11.79	H
									H
									H
									H
									H
	1648	-61.05	-13	-48.05	-69.53	-66.44	1.23	8.76	V
	2472	-62.11	-13	-49.11	-74.36	-69.00	1.44	10.48	V
	3297	-59.80	-13	-46.80	-74.39	-67.74	1.70	11.79	V
									V
									V
									V
									V
Middle	1664	-58.72	-13	-45.72	-68.09	-64.16	1.23	8.82	H
	2502	-62.00	-13	-49.00	-74.52	-68.91	1.44	10.50	H
	3337	-59.99	-13	-46.99	-74.68	-68.01	1.74	11.91	H
									H
									H
									H
									H
	1664	-62.07	-13	-49.07	-70.61	-67.51	1.23	8.82	V
	2502	-62.04	-13	-49.04	-74.2	-68.95	1.44	10.50	V
	3337	-60.29	-13	-47.29	-74.79	-68.31	1.74	11.91	V
									V
									V
									V
									V



Highest	1688	-58.52	-13	-45.52	-67.82	-64.04	1.24	8.91	H
	2532	-61.56	-13	-48.56	-74.12	-68.49	1.44	10.53	H
	3377	-60.31	-13	-47.31	-74.82	-68.42	1.77	12.03	H
									H
									H
									H
									H
	1688	-59.81	-13	-46.81	-68.42	-65.33	1.24	8.91	V
	2532	-60.33	-13	-47.33	-72.62	-67.26	1.44	10.53	V
	3377	-60.08	-13	-47.08	-74.42	-68.19	1.77	12.03	V
									V
									V
									V
									V

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



LTE Band 5 / 10MHz / QPSK									
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	1648	-56.61	-13	-43.61	-66.07	-62.00	1.23	8.76	H
	2472	-56.33	-13	-43.33	-68.91	-63.22	1.44	10.48	H
	3298	-59.82	-13	-46.82	-74.61	-67.76	1.70	11.79	H
									H
									H
									H
									H
	1648	-59.46	-13	-46.46	-67.94	-64.85	1.23	8.76	V
	2472	-60.97	-13	-47.97	-73.22	-67.86	1.44	10.48	V
	3298	-59.99	-13	-46.99	-74.58	-67.93	1.70	11.79	V
									V
									V
									V
									V
Middle	1664	-56.66	-13	-43.66	-66.03	-62.10	1.23	8.82	H
	2496	-57.42	-13	-44.42	-69.94	-64.33	1.44	10.50	H
	3328	-60.13	-13	-47.13	-74.82	-68.14	1.73	11.88	H
									H
									H
									H
									H
	1664	-60.62	-13	-47.62	-69.16	-66.06	1.23	8.82	V
	2496	-59.48	-13	-46.48	-71.64	-66.39	1.44	10.50	V
	3328	-60.45	-13	-47.45	-74.95	-68.46	1.73	11.88	V
									V
									V
									V
									V



Highest	1680	-57.45	-13	-44.45	-66.75	-62.95	1.24	8.88	H
	2518	-61.65	-13	-48.65	-74.19	-68.57	1.44	10.51	H
	3358	-60.11	-13	-47.11	-74.67	-68.18	1.75	11.97	H
									H
									H
									H
									H
	1680	-59.91	-13	-46.91	-68.52	-65.41	1.24	8.88	V
	2518	-61.10	-13	-48.10	-73.33	-68.02	1.44	10.51	V
	3358	-60.39	-13	-47.39	-74.78	-68.46	1.75	11.97	V
									V
									V
									V
									V

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



## LTE Band 17

LTE Band 17 / 5MHz / QPSK									
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	-51.59	-13	-38.59	-61.27	-56.07	1.15	7.78	H
	2112	-49.23	-13	-36.23	-61.51	-55.89	1.38	10.19	H
	2816	-57.04	-13	-44.04	-70.62	-64.19	1.45	10.75	H
									H
									H
									H
									H
	1408	-45.20	-13	-32.20	-54.73	-49.68	1.15	7.78	V
	2112	-56.28	-13	-43.28	-68.67	-62.94	1.38	10.19	V
	2816	-55.91	-13	-42.91	-69.70	-63.06	1.45	10.75	V
									V
									V
									V
									V
Middle	1416	-49.21	-13	-36.21	-58.89	-53.72	1.15	7.81	H
	2120	-49.14	-13	-36.14	-61.73	-55.81	1.38	10.20	H
	2832	-55.06	-13	-42.06	-68.70	-62.22	1.45	10.77	H
									H
									H
									H
									H
	1416	-45.53	-13	-32.53	-55.06	-50.04	1.15	7.81	V
	2120	-54.14	-13	-41.14	-66.88	-60.81	1.38	10.20	V
	2832	-55.42	-13	-42.42	-69.19	-62.58	1.45	10.77	V
									V
									V
									V
									V



Highest	1424	-48.02	-13	-35.02	-57.72	-52.57	1.15	7.85	H
	2136	-44.77	-13	-31.77	-57.67	-51.45	1.38	10.21	H
	2848	-54.57	-13	-41.57	-68.27	-61.74	1.45	10.78	H
									H
									H
									H
									H
	1424	-46.04	-13	-33.04	-55.58	-50.59	1.15	7.85	V
	2136	-52.15	-13	-39.15	-65.23	-58.83	1.38	10.21	V
	2848	-53.83	-13	-40.83	-67.58	-61.00	1.45	10.78	V
									V
									V
									V
									V

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



LTE Band 17 / 10MHz / QPSK									
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	-51.50	-13	-38.50	-61.18	-55.98	1.15	7.78	H
	2112	-49.34	-13	-36.34	-61.62	-56.00	1.38	10.19	H
	2816	-58.03	-13	-45.03	-71.61	-65.18	1.45	10.75	H
									H
									H
									H
									H
	1408	-46.40	-13	-33.40	-55.93	-50.88	1.15	7.78	V
	2112	-56.68	-13	-43.68	-69.07	-63.34	1.38	10.19	V
	2816	-57.69	-13	-44.69	-71.48	-64.84	1.45	10.75	V
									V
									V
									V
									V
Middle	1408	-50.46	-13	-37.46	-60.14	-54.94	1.15	7.78	H
	2120	-50.21	-13	-37.21	-62.80	-56.88	1.38	10.20	H
	2824	-55.92	-13	-42.92	-69.50	-63.08	1.45	10.76	H
									H
									H
									H
									H
	1408	-45.28	-13	-32.28	-54.81	-49.76	1.15	7.78	V
	2120	-54.72	-13	-41.72	-67.46	-61.39	1.38	10.20	V
	2824	-56.49	-13	-43.49	-70.28	-63.65	1.45	10.76	V
									V
									V
									V
									V



Highest	1416	-49.35	-13	-36.35	-59.03	-53.86	1.15	7.81	H
	2128	-46.30	-13	-33.30	-58.89	-52.97	1.38	10.20	H
	2832	-54.47	-13	-41.47	-68.11	-61.63	1.45	10.77	H
									H
									H
									H
									H
	1416	-46.16	-13	-33.16	-55.69	-50.67	1.15	7.81	V
	2128	-51.73	-13	-38.73	-64.47	-58.40	1.38	10.20	V
	2832	-54.17	-13	-41.17	-67.94	-61.33	1.45	10.77	V
									V
									V
									V
									V

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