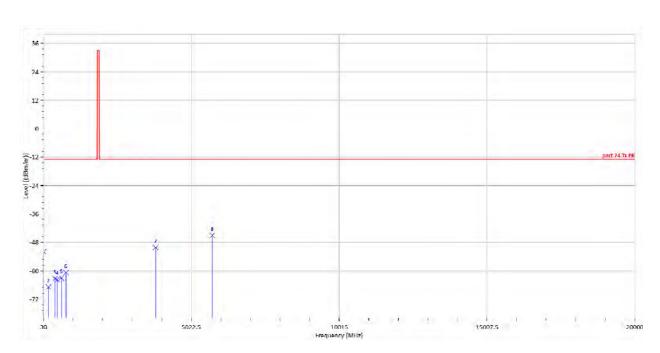


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Operation Mode: 2G1900 Test Date: 2016/12/22

Fundamental Frequency: 1909.8 MHz Temp. / Humi.: 22.3deg_C/64RH

Operation Band: Tx CH High Test Engineer: Ashton EUT Pol.: E1 Measurement Antenna Pol.: Horizontal



Freq.	Note	EIRP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
30.97	S	-52.04	-31.99	-19.41	-0.65	-13.01	-39.03
199.75	S	-66.95	-71.14	5.84	-1.65	-13.01	-53.94
422.85	S	-63.34	-67.08	5.99	-2.26	-13.01	-50.33
490.75	S	-63.77	-67.38	6.37	-2.76	-13.01	-50.76
634.31	S	-63.08	-66.94	7.01	-3.16	-13.01	-50.07
793.39	S	-60.82	-65.25	7.66	-3.23	-13.01	-47.81
3819.60	Н	-50.26	-55.28	12.30	-7.27	-13.01	-37.25
5732.00	Н	-45.07	-48.86	12.69	-8.90	-13.01	-32.06



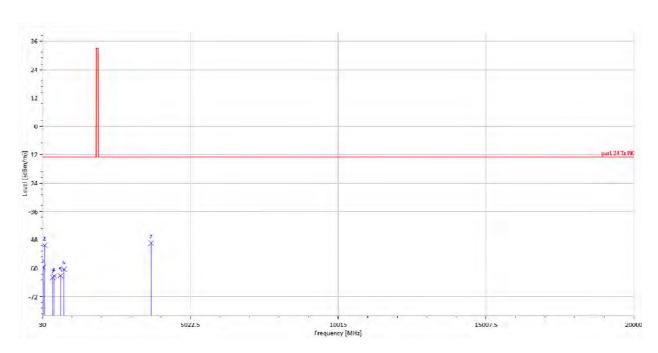
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Radiated Spurious Emission Measurement Result: WCDMA Band 2 Mode

Operation Mode: 3GB2 Test Date: 2016/12/22

Fundamental Frequency: 1852.4 MHz Temp. / Humi. : 22.3deg_C/64RH

Operation Band: Test Engineer: Tx CH Low Ashton EUT Pol.: E1 Measurement Antenna Pol.: Vertical



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
59.10	S	-59.49	-57.34	-1.29	-0.87	-13.01	-46.48
98.87	S	-50.29	-48.33	-0.79	-1.16	-13.01	-37.28
373.38	S	-63.89	-67.45	5.83	-2.26	-13.01	-50.88
423.82	S	-63.20	-67.04	6.00	-2.16	-13.01	-50.19
637.22	S	-63.08	-67.10	7.02	-3.00	-13.01	-50.07
754.59	S	-60.38	-65.03	7.62	-2.96	-13.01	-47.37
3702.00	Н	-49.39	-54.54	12.30	-7.15	-13.01	-36.38

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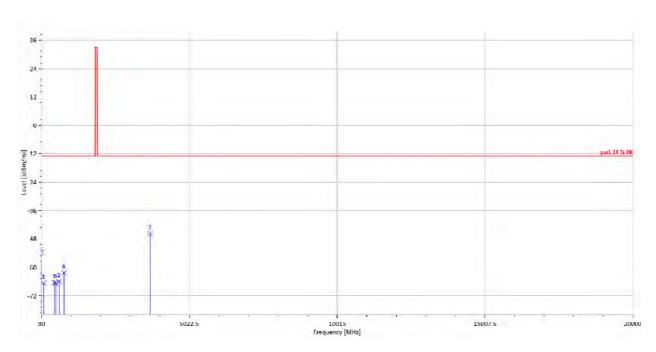


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Operation Mode: 3GB2 Test Date: 2016/12/22

Fundamental Frequency: 1852.4 MHz Temp. / Humi.: 22.3deg_C/64RH

Operation Band: Tx CH Low Test Engineer: Ashton EUT Pol.: E1 Measurement Antenna Pol.: Horizontal



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
31.94	S	-53.70	-34.47	-18.56	-0.67	-13.01	-40.69
100.81	S	-66.79	-64.70	-0.92	-1.17	-13.01	-53.78
465.53	S	-66.47	-70.39	6.31	-2.39	-13.01	-53.46
515.97	S	-66.58	-70.62	6.40	-2.35	-13.01	-53.57
625.58	S	-66.00	-69.88	6.97	-3.09	-13.01	-52.99
792.42	S	-62.29	-66.67	7.66	-3.29	-13.01	-49.28
3702.00	Н	-45.78	-50.94	12.30	-7.15	-13.01	-32.77

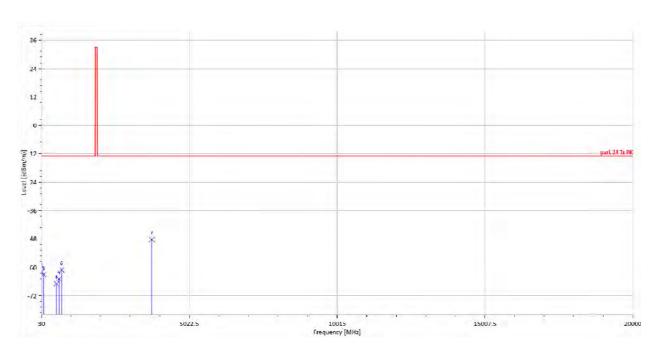


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Operation Mode: 3GB2 Test Date: 2016/12/22

Fundamental Frequency: Temp. / Humi.: 1880 MHz 22.3deg C/64RH

Operation Band: Tx CH Mid Test Engineer: Ashton EUT Pol.: E1 Measurement Antenna Pol. : Vertical



Freq.	Note	EIRP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
30.00	S	-58.54	-37.66	-20.25	-0.63	-13.01	-45.53
41.64	S	-61.86	-50.52	-10.59	-0.75	-13.01	-48.85
100.81	S	-63.04	-60.95	-0.92	-1.17	-13.01	-50.03
537.31	S	-66.96	-70.75	6.41	-2.62	-13.01	-53.95
624.61	S	-64.93	-68.75	6.97	-3.16	-13.01	-51.92
711.91	S	-61.05	-65.59	7.61	-3.07	-13.01	-48.04
3758.00	Н	-48.24	-53.34	12.30	-7.20	-13.01	-35.23

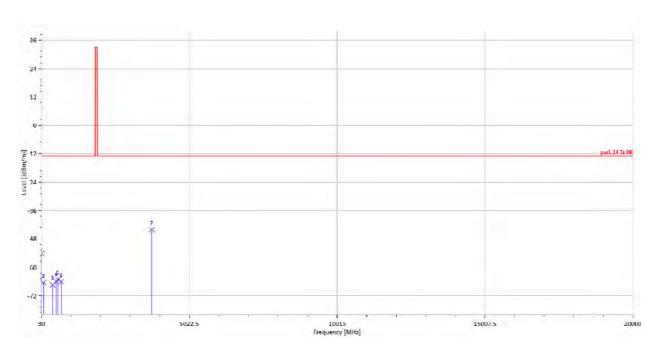


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Operation Mode: 3GB2 Test Date: 2016/12/22

Fundamental Frequency: Temp. / Humi.: 1880 MHz 22.3deg_C/64RH

Operation Band: Tx CH Mid Test Engineer: Ashton EUT Pol.: E1 Measurement Antenna Pol. : Horizontal



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
30.97	S	-54.18	-34.13	-19.41	-0.65	-13.01	-41.17
100.81	S	-66.43	-64.34	-0.92	-1.17	-13.01	-53.42
409.27	S	-67.40	-70.78	5.85	-2.47	-13.01	-54.39
526.64	S	-65.87	-69.81	6.40	-2.46	-13.01	-52.86
586.78	S	-65.04	-69.02	6.75	-2.77	-13.01	-52.03
700.27	S	-66.05	-70.65	7.61	-3.01	-13.01	-53.04
3758.00	Н	-44.03	-49.13	12.30	-7.20	-13.01	-31.02

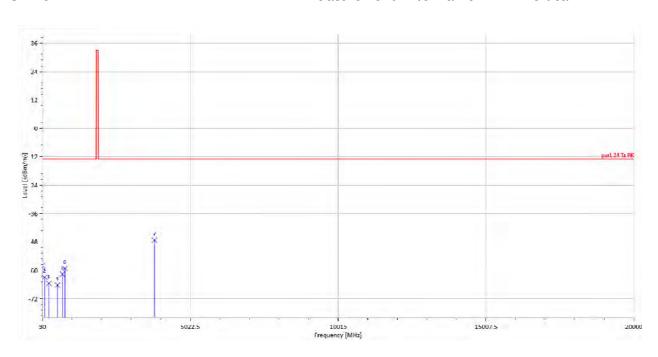


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Operation Mode: 3GB2 Test Date: 2016/12/22

Fundamental Frequency: Temp. / Humi.: 1907.6 MHz 22.3deg_C/64RH

Tx CH High Operation Band: Test Engineer: Ashton EUT Pol.: Measurement Antenna Pol.: Vertical



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
30.97	S	-57.91	-37.85	-19.41	-0.65	-13.01	-44.90
100.81	S	-62.88	-60.79	-0.92	-1.17	-13.01	-49.87
248.25	S	-65.56	-69.06	5.35	-1.85	-13.01	-52.55
537.31	S	-66.29	-70.07	6.41	-2.62	-13.01	-53.28
704.15	S	-61.55	-66.18	7.61	-2.99	-13.01	-48.54
791.45	S	-59.15	-63.39	7.66	-3.42	-13.01	-46.14
3814.00	Н	-47.25	-52.31	12.30	-7.25	-13.01	-34.24

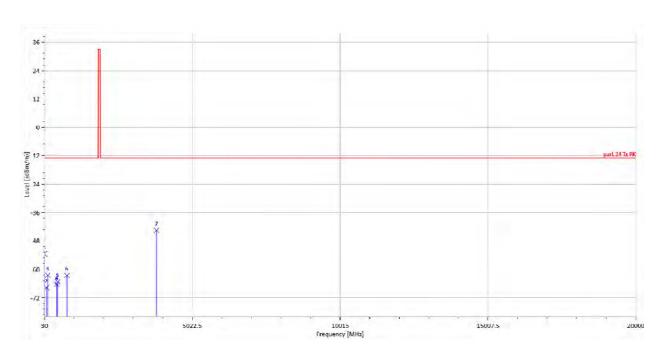


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Operation Mode: 3GB2 Test Date: 2016/12/22

Fundamental Frequency: Temp. / Humi.: 1907.6 MHz 22.3deg_C/64RH

Tx CH High Operation Band: Test Engineer: Ashton EUT Pol.: Measurement Antenna Pol.: Horizontal



Freq.	Note	EIRP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
30.97	S	-53.43	-33.38	-19.41	-0.65	-13.01	-40.42
100.81	S	-67.72	-65.63	-0.92	-1.17	-13.01	-54.71
139.61	S	-62.51	-62.22	1.08	-1.38	-13.01	-49.50
445.16	S	-66.33	-70.09	6.22	-2.47	-13.01	-53.32
474.26	S	-65.27	-69.20	6.33	-2.39	-13.01	-52.26
792.42	S	-62.59	-66.97	7.66	-3.29	-13.01	-49.58
3814.00	Н	-43.48	-48.54	12.30	-7.25	-13.01	-30.47

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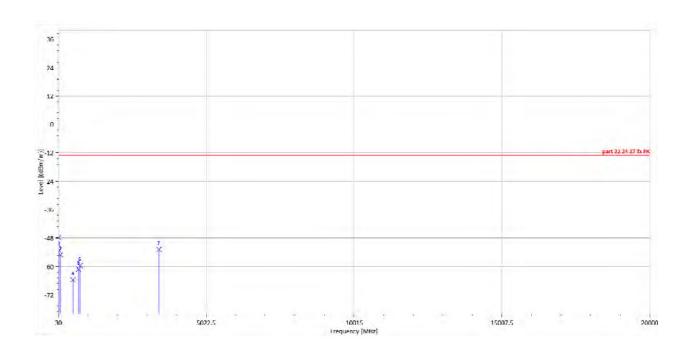
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Radiated Spurious Emission Measurement Result: WCDMA Band 4 Mode

Operation Mode: 3GB4 Test Date: 2016/12/22

Fundamental Frequency: 1712.4 MHz Temp. / Humi.: 22.3deg C/64RH

Operation Band: Test Engineer: Tx CH Low Ashton EUT Pol.: E1 Measurement Antenna Pol.: Vertical



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
38.73	S	-47.70	-34.12	-12.88	-0.70	-13.01	-34.69
53.28	S	-53.11	-48.59	-3.60	-0.92	-13.01	-40.10
100.81	S	-55.07	-52.98	-0.92	-1.17	-13.01	-42.06
523.73	S	-65.62	-69.32	6.40	-2.70	-13.01	-52.61
707.06	S	-61.21	-65.59	7.61	-3.22	-13.01	-48.20
759.44	S	-59.60	-63.89	7.62	-3.33	-13.01	-46.59
3424.80	Н	-52.84	-58.06	12.15	-6.93	-13.01	-39.83

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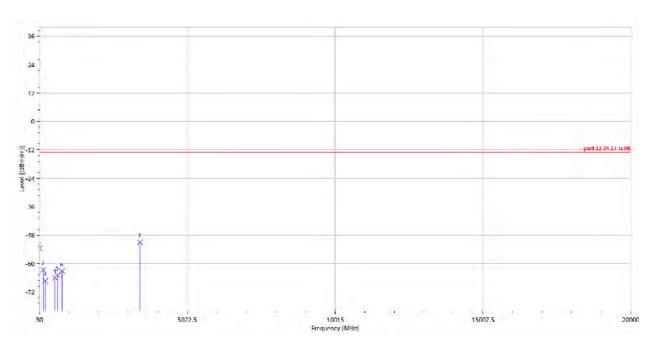


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Operation Mode: Test Date: 2016/12/22 3GB4

Fundamental Frequency: 1712.4 MHz Temp. / Humi.: 22.3deg C/64RH

Operation Band: Test Engineer: Tx CH Low Ashton EUT Pol.: E1 Measurement Antenna Pol.: Horizontal



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
32.91	S	-53.58	-35.18	-17.72	-0.67	-13.01	-40.57
158.04	S	-62.70	-64.57	3.38	-1.52	-13.01	-49.69
224.00	S	-67.37	-72.05	6.43	-1.75	-13.01	-54.36
552.83	S	-65.94	-69.55	6.44	-2.83	-13.01	-52.93
633.34	S	-64.96	-68.93	7.00	-3.03	-13.01	-51.95
792.42	S	-63.24	-67.62	7.66	-3.29	-13.01	-50.23
3424.80	Н	-51.01	-56.23	12.15	-6.93	-13.01	-38.00

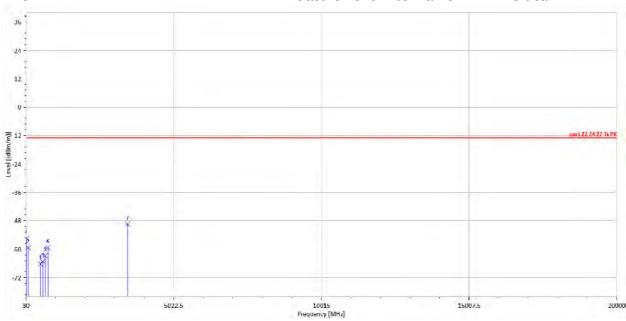


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Operation Mode: Test Date: 2016/12/22 3GB4

Temp. / Humi.: Fundamental Frequency: 1732.6 MHz 22.3deg C/64RH

Operation Band: Tx CH Mid Test Engineer: Ashton EUT Pol.: E1 Measurement Antenna Pol.: Vertical



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
56.19	S	-55.43	-52.14	-2.44	-0.85	-13.01	-42.42
100.81	S	-59.33	-57.24	-0.92	-1.17	-13.01	-46.32
522.76	S	-66.28	-69.88	6.40	-2.80	-13.01	-53.27
593.57	S	-65.17	-69.02	6.81	-2.97	-13.01	-52.16
678.93	S	-62.79	-67.06	7.38	-3.11	-13.01	-49.78
770.11	S	-59.41	-63.75	7.64	-3.30	-13.01	-46.40
3464.00	Н	-49.44	-54.80	12.23	-6.86	-13.01	-36.43

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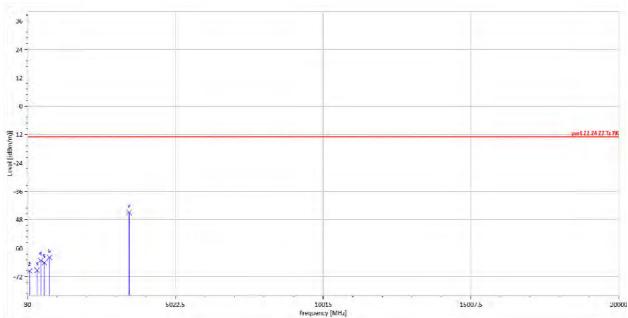


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Operation Mode: 3GB4 Test Date: 2016/12/22

Fundamental Frequency: 1732.6 MHz Temp. / Humi.: 22.3deg C/64RH

Operation Band: Test Engineer: Tx CH Mid Ashton EUT Pol.: E1 Measurement Antenna Pol.: Horizontal



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
30.00	S	-54.60	-33.73	-20.25	-0.63	-13.01	-41.59
100.81	S	-69.62	-67.52	-0.92	-1.17	-13.01	-56.61
355.92	S	-69.39	-73.01	5.87	-2.25	-13.01	-56.38
482.02	S	-65.18	-68.91	6.35	-2.62	-13.01	-52.17
600.36	S	-66.20	-70.35	6.87	-2.73	-13.01	-53.19
772.05	S	-63.85	-68.16	7.64	-3.33	-13.01	-50.84
3464.00	Н	-44.91	-50.28	12.23	-6.86	-13.01	-31.90

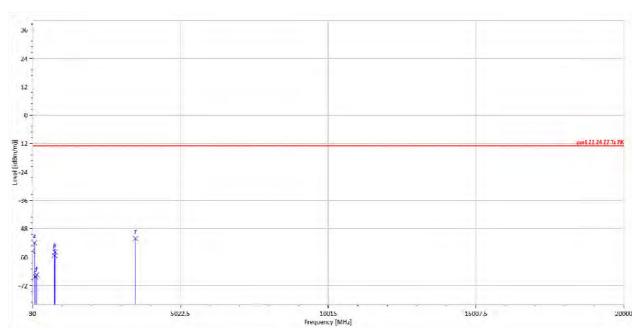


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Operation Mode: 3GB4 Test Date: 2016/12/22

Fundamental Frequency: Temp. / Humi.: 22.3deg_C/64RH 1752.6 MHz

Operation Band: Tx CH High Test Engineer: **Ashton** EUT Pol.: Measurement Antenna Pol.: Vertical E1



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
30.97	S	-57.38	-37.32	-19.41	-0.65	-13.01	-44.37
99.84	S	-53.97	-51.92	-0.88	-1.17	-13.01	-40.96
134.76	S	-68.22	-67.33	0.48	-1.38	-13.01	-55.21
170.65	S	-67.44	-70.74	4.78	-1.49	-13.01	-54.43
773.99	S	-59.22	-63.93	7.64	-2.93	-13.01	-46.21
791.45	S	-57.82	-62.06	7.66	-3.42	-13.01	-44.81
3506.00	Н	-52.13	-57.40	12.30	-7.03	-13.01	-39.12

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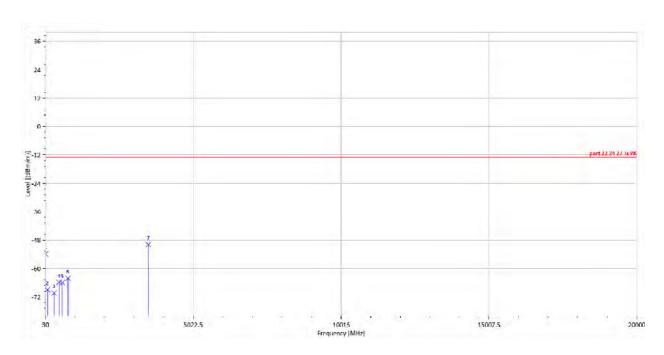


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Operation Mode: Test Date: 2016/12/22 3GB4

Fundamental Frequency: 1752.6 MHz Temp. / Humi.: 22.3deg C/64RH

Operation Band: Tx CH High Test Engineer: Ashton EUT Pol.: E1 Measurement Antenna Pol.: Horizontal



Freq.	Note	EIRP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
32.91	S	-53.81	-35.41	-17.72	-0.67	-13.01	-40.80
100.81	S	-68.92	-66.83	-0.92	-1.17	-13.01	-55.91
321.00	S	-70.35	-74.21	5.93	-2.06	-13.01	-57.34
494.63	S	-65.78	-69.67	6.38	-2.49	-13.01	-52.77
596.48	S	-65.95	-69.89	6.84	-2.90	-13.01	-52.94
791.45	S	-64.10	-68.35	7.66	-3.42	-13.01	-51.09
3506.00	Н	-49.88	-55.16	12.30	-7.03	-13.01	-36.87



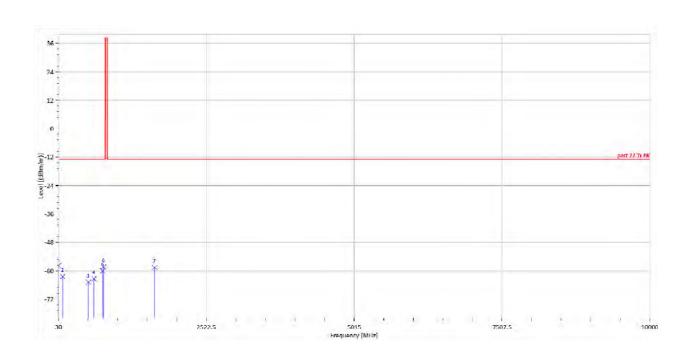
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Radiated Spurious Emission Measurement Result: WCDMA Band 5 Mode

Operation Mode: 3 GB5 Test Date: 2016/12/22

Fundamental Frequency: 826.4 MHz 22.3deg C/64RH Temp. / Humi. :

Operation Band: Test Engineer: Tx CH Low **Ashton** EUT Pol.: Measurement Antenna Pol.: E1 Vertical



Freq.	Note	ERP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
30.97	S	-57.96	-35.76	-21.56	-0.65	-13	-44.96
101.78	S	-62.51	-58.22	-3.11	-1.18	-13	-49.51
535.37	S	-64.87	-66.64	4.26	-2.49	-13	-51.87
628.49	S	-63.43	-65.33	4.83	-2.93	-13	-50.43
773.99	S	-60.11	-62.67	5.49	-2.93	-13	-47.11
791.45	S	-58.47	-60.57	5.51	-3.42	-13	-45.47
1652.80	Н	-58.74	-60.78	6.77	-4.73	-13	-45.74

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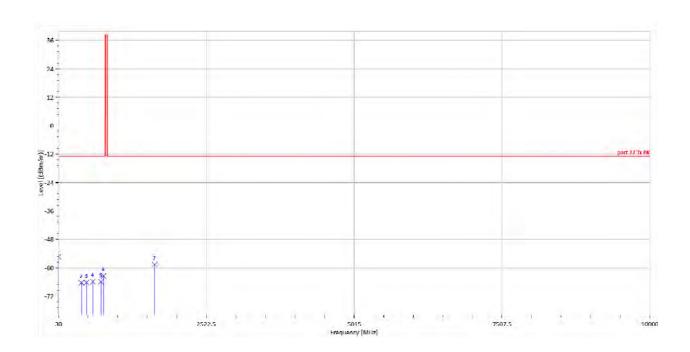


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Operation Mode: 3 GB5 Test Date: 2016/12/22

Fundamental Frequency: 826.4 MHz Temp. / Humi. : 22.3deg C/64RH

Operation Band: Tx CH Low Test Engineer: **Ashton** EUT Pol.: E1 Measurement Antenna Pol.: Horizontal



Freq.	Note	ERP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
30.97	S	-55.37	-33.16	-21.56	-0.65	-13	-42.37
418.97	S	-66.41	-67.76	3.80	-2.45	-13	-53.41
503.36	S	-66.31	-67.99	4.24	-2.55	-13	-53.31
610.06	S	-65.90	-67.87	4.76	-2.80	-13	-52.90
746.83	S	-65.95	-68.40	5.46	-3.01	-13	-52.95
791.45	S	-63.50	-65.59	5.51	-3.42	-13	-50.50
1652.80	Н	-58.62	-60.66	6.77	-4.73	-13	-45.62

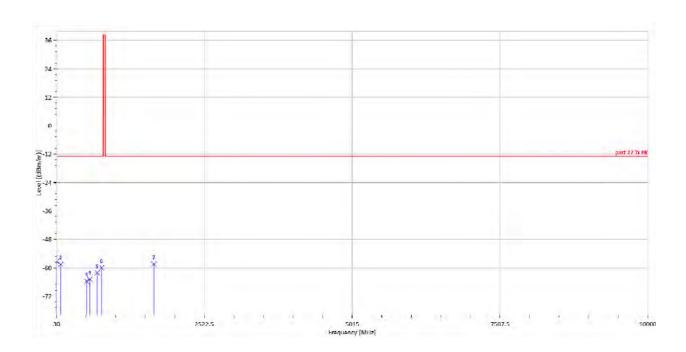


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Operation Mode: 3 GB5 Test Date: 2016/12/22

Fundamental Frequency: 836.6 MHz Temp. / Humi. : 22.3deg C/64RH

Operation Band: Tx CH Mid Test Engineer: **Ashton** EUT Pol.: E1 Measurement Antenna Pol.: Vertical



Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
30.97	S	-57.27	-35.06	-21.56	-0.65	-13	-44.27
100.81	S	-58.54	-54.30	-3.07	-1.17	-13	-45.54
539.25	S	-65.75	-67.45	4.26	-2.56	-13	-52.75
591.63	S	-64.86	-66.58	4.65	-2.92	-13	-51.86
717.73	S	-62.18	-64.40	5.46	-3.24	-13	-49.18
791.45	S	-60.03	-62.12	5.51	-3.42	-13	-47.03
1673.20	Н	-58.48	-60.54	6.84	-4.78	-13	-45.48

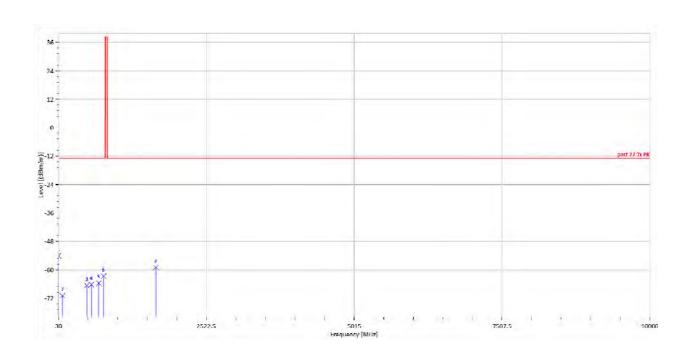


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Operation Mode: 3 GB5 Test Date: 2016/12/22

Fundamental Frequency: 836.6 MHz Temp. / Humi. : 22.3deg C/64RH

Operation Band: Tx CH Mid Test Engineer: **Ashton** EUT Pol.: E1 Measurement Antenna Pol.: Horizontal



Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
30.97	S	-54.16	-31.96	-21.56	-0.65	-13	-41.16
96.93	S	-71.05	-67.13	-2.77	-1.15	-13	-58.05
508.21	S	-66.68	-68.33	4.24	-2.60	-13	-53.68
585.81	S	-66.33	-68.15	4.59	-2.77	-13	-53.33
709.97	S	-65.74	-68.13	5.46	-3.08	-13	-52.74
791.45	S	-62.72	-64.81	5.51	-3.42	-13	-49.72
1673.20	Н	-59.07	-61.13	6.84	-4.78	-13	-46.07

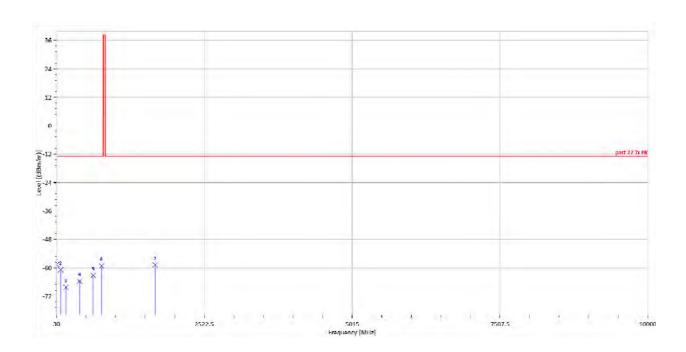


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Operation Mode: 3 GB5 Test Date: 2016/12/22

Fundamental Frequency: 846.6 MHz Temp. / Humi. : 22.3deg C/64RH

Operation Band: Tx CH High Test Engineer: **Ashton** EUT Pol.: Measurement Antenna Pol.: Vertical



Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
31.94	S	-58.63	-37.25	-20.71	-0.67	-13	-45.63
101.78	S	-60.85	-56.57	-3.11	-1.18	-13	-47.85
190.05	S	-68.30	-70.72	4.03	-1.61	-13	-55.30
419.94	S	-65.75	-67.25	3.81	-2.30	-13	-52.75
648.86	S	-63.25	-65.24	4.91	-2.93	-13	-50.25
791.45	S	-59.30	-61.40	5.51	-3.42	-13	-46.30
1693.20	Н	-58.80	-60.91	6.91	-4.80	-13	-45.80

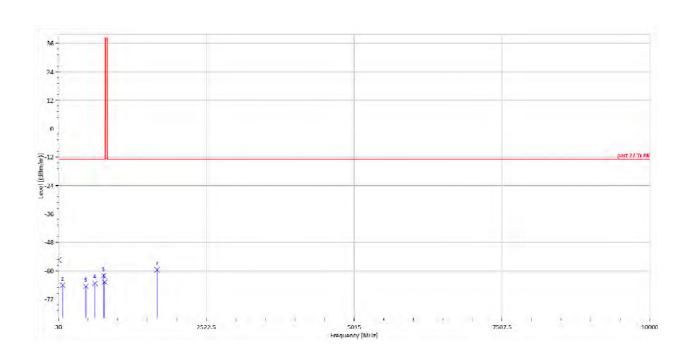


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Operation Mode: 3 GB5 Test Date: 2016/12/22

Fundamental Frequency: 846.6 MHz Temp. / Humi. : 22.3deg C/64RH

Operation Band: Tx CH High Test Engineer: **Ashton** EUT Pol.: Measurement Antenna Pol.: Horizontal



Freq.	Note	ERP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
32.91	S	-55.46	-34.91	-19.87	-0.67	-13	-42.46
100.81	S	-66.17	-61.92	-3.07	-1.17	-13	-53.17
492.69	S	-66.61	-68.34	4.22	-2.49	-13	-53.61
644.98	S	-65.39	-67.30	4.90	-2.99	-13	-52.39
791.45	S	-62.09	-64.18	5.51	-3.42	-13	-49.09
806.00	S	-64.84	-67.21	5.51	-3.15	-13	-51.84
1693.20	Н	-59.64	-61.75	6.91	-4.80	-13	-46.64

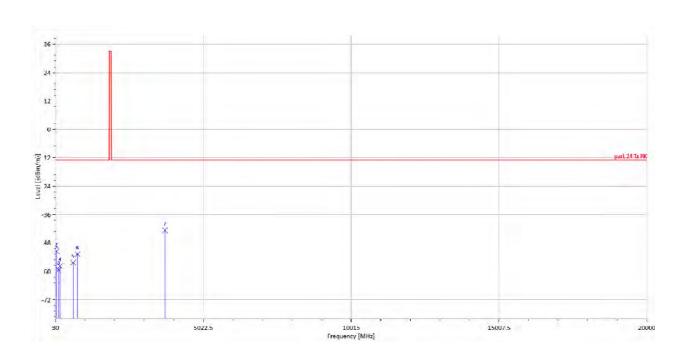


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Radiated Spurious Emission Measurement Result: LTE-Band 2 (The Worst Case)

Operation Mode: LTEB2 15M 16QAM RB 1,74 Test Date: 2016/12/22 Fundamental Frequency: 1857.5 MHz Temp. / Humi.: 22.3deg_C/64RH

Operation Band: Tx CH Low Test Engineer: Ashton EUT Pol.: Measurement Antenna Pol. : E1 Vertical



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
31.94	S	-49.20	-29.97	-18.56	-0.67	-13.01	-36.19
70.74	S	-51.60	-51.00	0.43	-1.03	-13.01	-38.59
134.76	S	-59.29	-58.39	0.48	-1.38	-13.01	-46.28
183.26	S	-57.79	-62.05	5.87	-1.60	-13.01	-44.78
627.52	S	-56.31	-60.40	6.98	-2.89	-13.01	-43.30
773.99	S	-52.76	-57.47	7.64	-2.93	-13.01	-39.75
3730.00	Н	-42.64	-47.77	12.30	-7.17	-13.01	-29.63

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Operation Mode: Fundamental Frequency: Operation Band:

EUT Pol. :

LTEB2 15M 16QAM RB 1,74 1857.5 MHz Tx CH Low

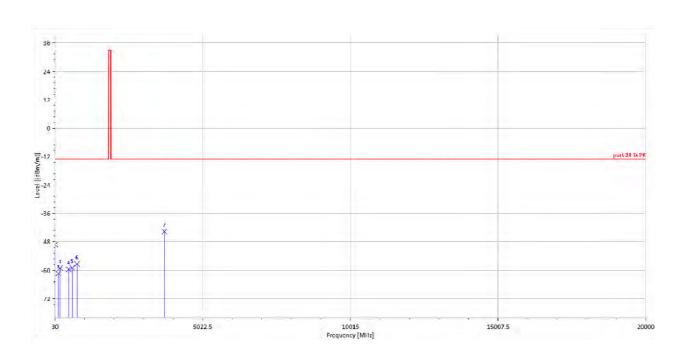
E1

Temp. / Humi.:

Test Date:

2016/12/22 22.3deg C/64RH

Test Engineer: Ashton Measurement Antenna Pol. : Horizontal



Freq.	Note	EIRP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
32.91	S	-49.17	-30.78	-17.72	-0.67	-13.01	-36.16
140.58	S	-61.34	-61.16	1.21	-1.40	-13.01	-48.33
200.72	S	-59.05	-63.24	5.85	-1.65	-13.01	-46.04
491.72	S	-59.57	-63.27	6.37	-2.67	-13.01	-46.56
612.97	S	-58.96	-62.98	6.92	-2.90	-13.01	-45.95
773.99	S	-57.33	-62.03	7.64	-2.93	-13.01	-44.32
3730.00	Н	-43.63	-48.75	12.30	-7.17	-13.01	-30.62



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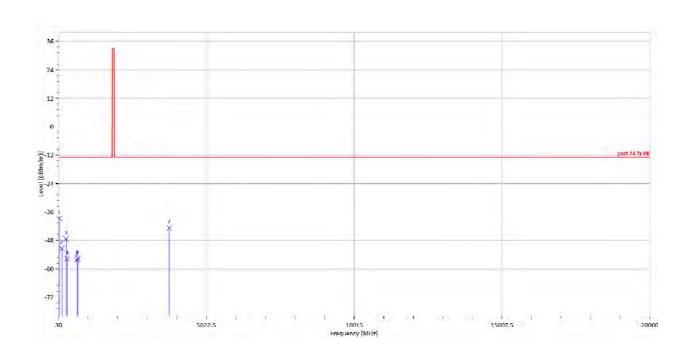
Operation Mode: Fundamental Frequency: Operation Band:

EUT Pol.:

LTEB2 15M 16QAM RB 1,74

1880 MHz Tx CH Mid Test Date: 2016/12/22 Temp. / Humi.: 22.3deg C/64RH

Test Engineer: Ashton Measurement Antenna Pol. : Vertical



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
59.10	S	-38.76	-36.60	-1.29	-0.87	-13.01	-25.75
146.40	S	-51.48	-52.04	2.03	-1.47	-13.01	-38.47
288.02	S	-47.47	-51.30	5.84	-2.00	-13.01	-34.46
324.88	S	-55.84	-59.54	5.92	-2.22	-13.01	-42.83
656.62	S	-56.37	-60.18	7.14	-3.34	-13.01	-43.36
687.66	S	-55.64	-59.94	7.48	-3.18	-13.01	-42.63
3772.00	Н	-42.83	-47.90	12.30	-7.23	-13.01	-29.82



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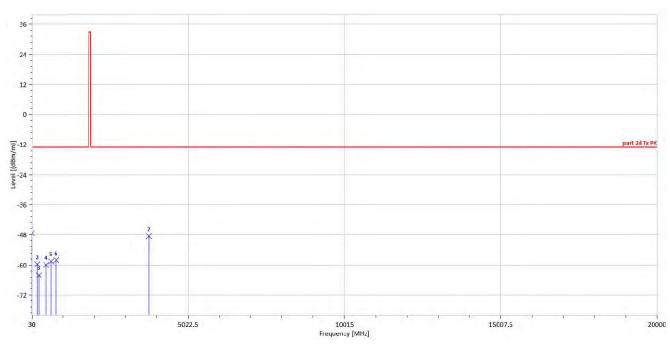
Operation Mode: Fundamental Frequency: Operation Band:

LTEB2 15M 16QAM RB 1,74 1880 MHz

Tx CH Mid EUT Pol.:

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg C/64RH

Test Engineer: Ashton Measurement Antenna Pol.: Horizontal



Freq	. Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	r F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
31.9	4 S	-47.34	-28.11	-18.56	-0.67	-13.01	-34.33
207.5	51 S	-59.70	-64.02	6.00	-1.67	-13.01	-46.69
260.8	6 S	-64.10	-66.90	4.68	-1.88	-13.01	-51.09
487.8	34 S	-60.01	-63.83	6.36	-2.54	-13.01	-47.00
643.0	14 S	-58.59	-62.69	7.04	-2.94	-13.01	-45.58
809.8	88 S	-58.11	-62.45	7.66	-3.31	-13.01	-45.10
3772.	OO H	-48.54	-53.61	12.30	-7.23	-13.01	-35.53



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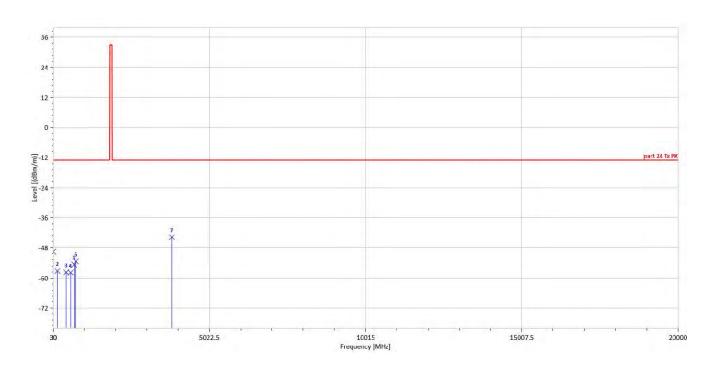
Operation Mode: Fundamental Frequency: Operation Band:

EUT Pol. :

LTEB2 15M 16QAM RB 1,74 1902.5 MHz Tx CH High E1

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg C/64RH

Test Engineer: Ashton Measurement Antenna Pol. : Vertical



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
31.94	S	-49.52	-30.29	-18.56	-0.67	-13.01	-36.51
166.77	S	-57.26	-60.05	4.36	-1.56	-13.01	-44.25
446.13	S	-57.80	-61.56	6.23	-2.47	-13.01	-44.79
588.72	S	-57.89	-62.02	6.77	-2.63	-13.01	-44.88
699.30	S	-54.65	-59.12	7.60	-3.14	-13.01	-41.64
757.50	S	-53.39	-57.83	7.62	-3.19	-13.01	-40.38
3821.00	Н	-43.73	-48.76	12.30	-7.28	-13.01	-30.72



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Operation Mode: Fundamental Frequency: Operation Band:

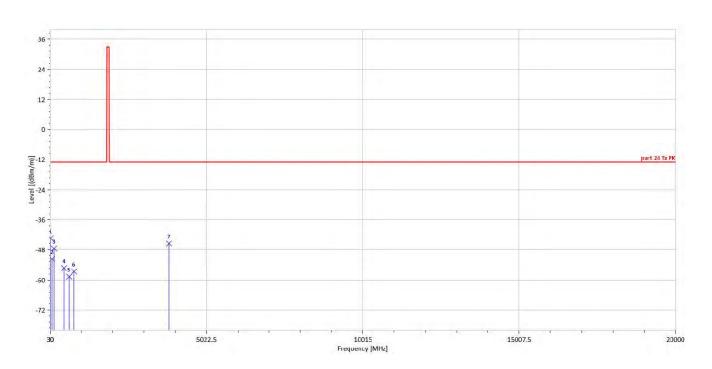
EUT Pol. :

LTEB2 15M 16QAM RB 1,74 1902.5 MHz Tx CH High

E1

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg C/64RH

Test Engineer: Ashton Measurement Antenna Pol. : Horizontal



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
45.52	S	-43.34	-34.83	-7.70	-0.80	-13.01	-30.33
91.11	S	-51.64	-50.41	-0.10	-1.12	-13.01	-38.63
153.19	S	-47.44	-48.80	2.87	-1.50	-13.01	-34.43
472.32	S	-55.29	-59.04	6.33	-2.58	-13.01	-42.28
632.37	S	-58.67	-62.89	7.00	-2.78	-13.01	-45.66
791.45	S	-56.61	-60.85	7.66	-3.42	-13.01	-43.60
3821.00	Н	-45.45	-50.47	12.30	-7.28	-13.01	-32.44

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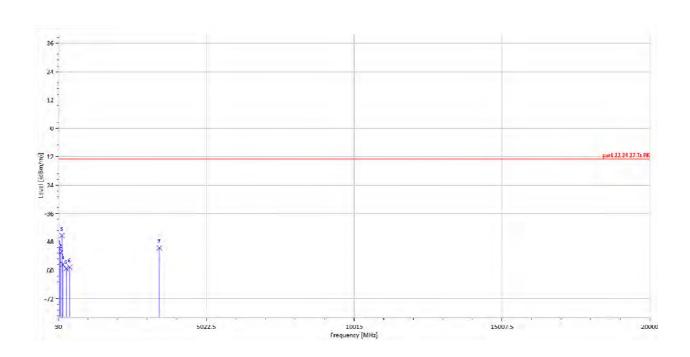


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Radiated Spurious Emission Measurement Result: LTE-Band 4 (The Worst Case)

Operation Mode: LTEB4 10M 16QAM RB 1.49 Test Date: 2016/12/22 Fundamental Frequency: Temp. / Humi.: 22.3deg_C/64RH 1715 MHz

Operation Band: Tx CH Low Test Engineer: Ashton EUT Pol.: E1 Measurement Antenna Pol. : Vertical



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
72.68	S	-51.04	-50.51	0.48	-1.01	-13.01	-38.03
96.93	S	-52.49	-50.72	-0.62	-1.15	-13.01	-39.48
146.40	S	-45.31	-45.87	2.03	-1.47	-13.01	-32.30
179.38	S	-57.48	-61.61	5.65	-1.52	-13.01	-44.47
293.84	S	-59.21	-63.12	5.89	-1.99	-13.01	-46.20
410.24	S	-58.73	-62.31	5.86	-2.28	-13.01	-45.72
3436.00	Н	-50.53	-55.77	12.17	-6.94	-13.01	-37.52



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Operation Mode: Fundamental Frequency: Operation Band:

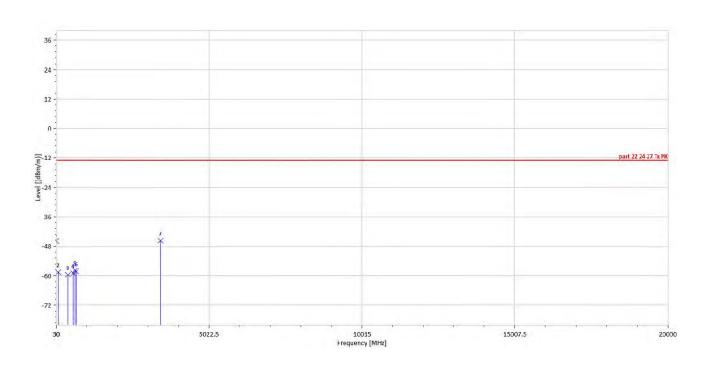
EUT Pol. :

LTEB4 10M 16QAM RB 1,49 1715 MHz Tx CH Low

E1

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg C/64RH

Test Engineer: Ashton Measurement Antenna Pol. : Horizontal



Freq.	Note	EIRP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
31.94	S	-45.85	-26.62	-18.56	-0.67	-13.01	-32.84
98.87	S	-58.59	-56.63	-0.79	-1.16	-13.01	-45.58
411.21	S	-59.61	-63.29	5.87	-2.19	-13.01	-46.60
584.84	S	-58.95	-62.80	6.73	-2.89	-13.01	-45.94
642.07	S	-57.78	-62.08	7.04	-2.74	-13.01	-44.77
679.90	S	-58.22	-62.60	7.39	-3.01	-13.01	-45.21
3436.00	Н	-45.70	-50.93	12.17	-6.94	-13.01	-32.69

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Operation Mode: Fundamental Frequency: Operation Band:

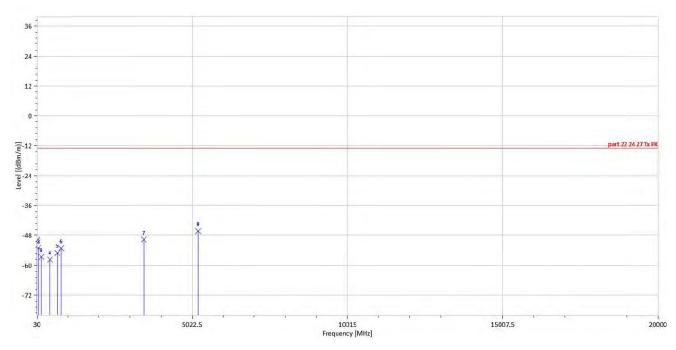
EUT Pol. :

LTEB4 10M 16QAM RB 1,49 1732.5 MHz Tx CH Mid

E1

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg C/64RH

Test Engineer: Ashton Measurement Antenna Pol. : Vertical



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
31.94	S	-49.86	-30.63	-18.56	-0.67	-13.01	-36.85
75.59	S	-53.09	-52.63	0.56	-1.02	-13.01	-40.08
176.47	S	-56.63	-60.40	5.36	-1.59	-13.01	-43.62
451.95	S	-57.70	-61.63	6.28	-2.35	-13.01	-44.69
686.69	S	-55.08	-59.43	7.47	-3.11	-13.01	-42.07
810.85	S	-53.18	-57.50	7.66	-3.35	-13.01	-40.17
3471.00	Н	-49.62	-55.01	12.24	-6.85	-13.01	-36.61
5214.00	Н	-46.26	-50.16	12.43	-8.53	-13.01	-33.25



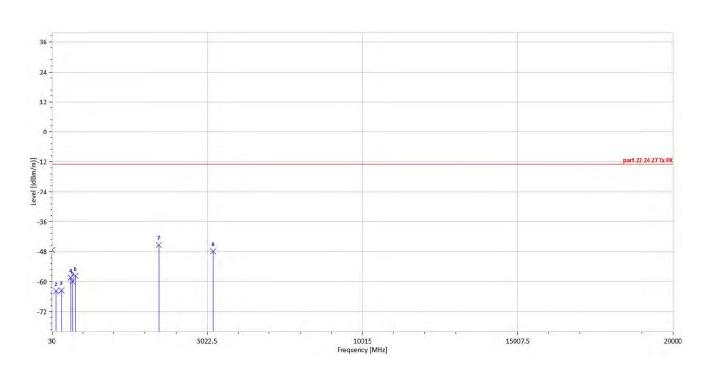
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Operation Mode: Fundamental Frequency: LTEB4 10M 16QAM RB 1,49 1732.5 MHz Tx CH Mid

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg C/64RH

Operation Band: EUT Pol. : E1

Test Engineer: Ashton Measurement Antenna Pol. : Horizontal



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
31.94	S	-47.40	-28.17	-18.56	-0.67	-13.01	-34.39
166.77	S	-63.78	-66.57	4.36	-1.56	-13.01	-50.77
337.49	S	-63.54	-67.39	5.91	-2.05	-13.01	-50.53
635.28	S	-58.45	-62.38	7.01	-3.08	-13.01	-45.44
694.45	S	-59.87	-64.39	7.55	-3.03	-13.01	-46.86
790.48	S	-57.72	-61.86	7.66	-3.52	-13.01	-44.71
3471.00	Н	-45.33	-50.72	12.24	-6.85	-13.01	-32.32
5214.00	Н	-47.86	-51.76	12.43	-8.53	-13.01	-34.85

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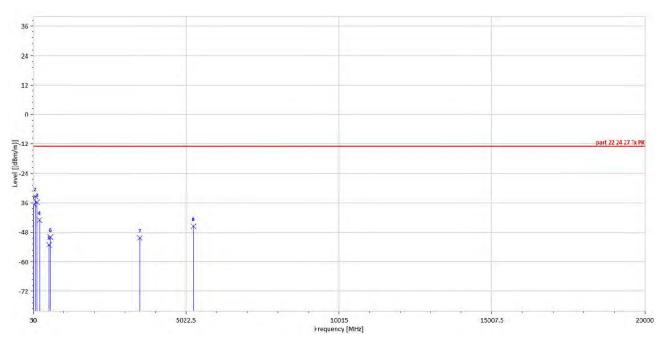
Operation Mode: Fundamental Frequency: Operation Band:

EUT Pol.:

LTEB4 10M 16QAM RB 1,49 1750 MHz Tx CH High

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg C/64RH

Test Engineer: Ashton Measurement Antenna Pol. : Vertical



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
51.34	S	-36.55	-31.34	-4.38	-0.83	-13.01	-23.54
97.90	S	-33.38	-31.51	-0.70	-1.16	-13.01	-20.37
148.34	S	-35.78	-36.67	2.30	-1.41	-13.01	-22.77
235.64	S	-43.02	-47.22	5.95	-1.74	-13.01	-30.01
546.04	S	-53.09	-56.89	6.42	-2.62	-13.01	-40.08
591.63	S	-49.92	-53.79	6.80	-2.92	-13.01	-36.91
3506.00	Н	-50.29	-55.56	12.30	-7.03	-13.01	-37.28
5263.00	Н	-45.53	-49.43	12.46	-8.56	-13.01	-32.52



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Operation Mode: Fundamental Frequency: Operation Band:

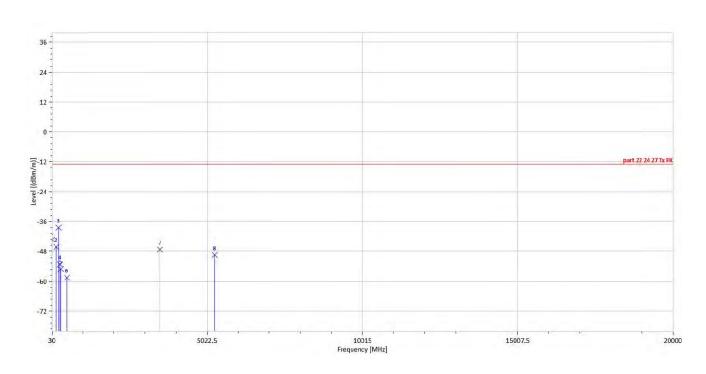
EUT Pol. :

LTEB4 10M 16QAM RB 1,49 1750 MHz

Tx CH High E1

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg C/64RH

Test Engineer: Ashton Measurement Antenna Pol. : Horizontal



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
34.85	S	-43.27	-26.52	-16.04	-0.71	-13.01	-30.26
172.59	S	-46.19	-49.59	4.98	-1.58	-13.01	-33.18
246.31	S	-38.44	-42.01	5.43	-1.86	-13.01	-25.43
289.96	S	-53.23	-57.10	5.86	-1.99	-13.01	-40.22
314.21	S	-55.09	-58.94	5.94	-2.09	-13.01	-42.08
515.00	S	-58.56	-62.43	6.40	-2.53	-13.01	-45.55
3506.00	Н	-47.27	-52.54	12.30	-7.03	-13.01	-34.26
5263.00	Н	-49.42	-53.32	12.46	-8.56	-13.01	-36.41

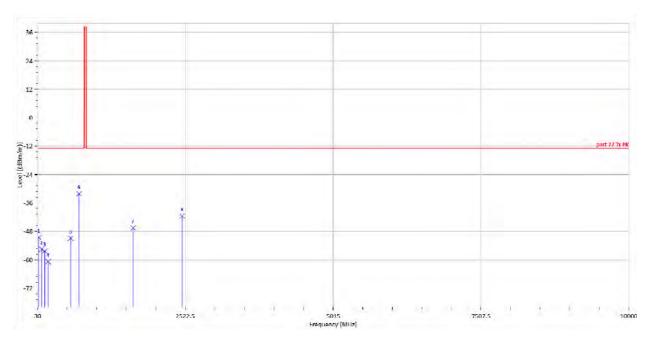


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Radiated Spurious Emission Measurement Result: LTE-Band 5 (The Worst Case)

Operation Mode: LTE B5 1.4M QPSK RB1.0 Test Date: 2016/12/22 Fundamental Frequency: 824.7 MHz Temp. / Humi.: 22.3deg_C/64RH

Operation Band: Test Engineer: Tx CH Low Ashton EUT Pol.: Measurement Antenna Pol. : Н Vertical



Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
52.31	S	-50.64	-43.61	-6.14	-0.88	-13	-37.64
100.81	S	-55.62	-51.38	-3.07	-1.17	-13	-42.62
153.19	S	-56.36	-55.58	0.72	-1.50	-13	-43.36
211.39	S	-60.81	-63.07	3.97	-1.71	-13	-47.81
590.66	S	-50.93	-52.87	4.64	-2.70	-13	-37.93
730.34	S	-32.16	-34.31	5.46	-3.31	-13	-19.16
1644.00	Н	-46.60	-48.63	6.74	-4.71	-13	-33.60
2470.00	Н	-41.57	-43.96	8.23	-5.84	-13	-28.57

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Operation Mode: Fundamental Frequency:

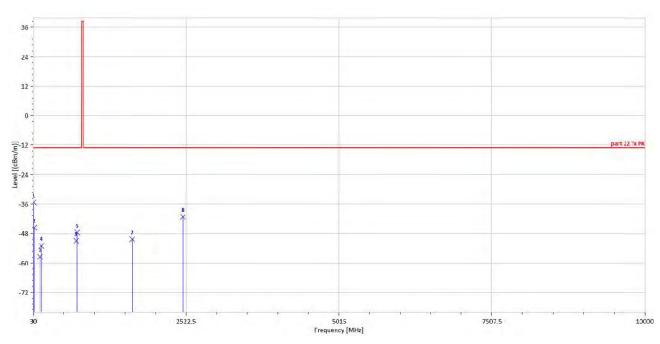
LTE B5 1.4M QPSK RB1.0 824.7 MHz

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg_C/64RH

Operation Band: EUT Pol.:

Tx CH Low

Test Engineer: Ashton Measurement Antenna Pol. : Horizontal



Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
38.73	S	-35.34	-19.61	-15.03	-0.70	-13	-22.34
46.49	S	-45.64	-35.62	-9.25	-0.77	-13	-32.64
140.58	S	-57.51	-55.17	-0.94	-1.40	-13	-44.51
162.89	S	-53.05	-53.22	1.77	-1.60	-13	-40.05
731.31	S	-50.98	-53.29	5.46	-3.15	-13	-37.98
746.83	S	-47.58	-50.03	5.46	-3.01	-13	-34.58
1644.00	Н	-50.36	-52.39	6.74	-4.71	-13	-37.36
2470.00	Н	-41.24	-43.63	8.23	-5.84	-13	-28.24

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Operation Mode: Fundamental Frequency:

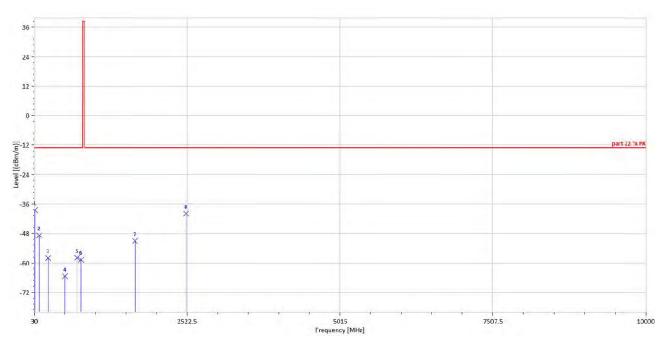
LTE B5 1.4M QPSK RB1.0 836.5 MHz

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg_C/64RH

Operation Band: EUT Pol.:

Tx CH Mid

Test Engineer: Ashton Measurement Antenna Pol. : Vertical



Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
43.58	S	-38.53	-26.46	-11.26	-0.80	-13	-25.53
110.51	S	-48.84	-44.21	-3.39	-1.24	-13	-35.84
256.01	S	-58.01	-58.86	2.72	-1.87	-13	-45.01
530.52	S	-65.40	-66.94	4.26	-2.72	-13	-52.40
729.37	S	-57.90	-60.07	5.46	-3.29	-13	-44.90
792.42	S	-58.71	-60.94	5.51	-3.29	-13	-45.71
1672.00	Н	-51.00	-53.06	6.83	-4.78	-13	-38.00
2505.00	Н	-39.91	-42.28	8.26	-5.89	-13	-26.91



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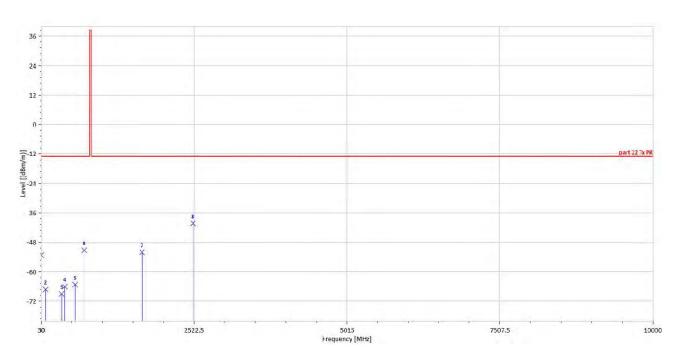
Operation Mode: Fundamental Frequency: Operation Band:

EUT Pol.:

LTE B5 1.4M QPSK RB1.0 836.5 MHz Tx CH Mid

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg C/64RH

Test Engineer: Ashton Measurement Antenna Pol.: Horizontal



Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
31.94	S	-53.22	-31.84	-20.71	-0.67	-13	-40.22
100.81	S	-67.20	-62.96	-3.07	-1.17	-13	-54.20
361.74	S	-69.00	-70.47	3.71	-2.24	-13	-56.00
414.12	S	-66.06	-67.57	3.75	-2.24	-13	-53.06
581.93	S	-65.24	-66.84	4.56	-2.95	-13	-52.24
730.34	S	-51.22	-53.37	5.46	-3.31	-13	-38.22
1672.00	Н	-52.08	-54.14	6.83	-4.78	-13	-39.08
2505.00	Н	-40.27	-42.65	8.26	-5.89	-13	-27.27



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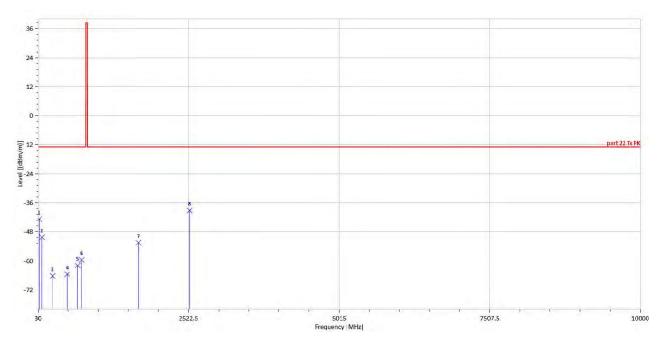
Operation Mode: Fundamental Frequency: Operation Band:

EUT Pol.:

LTE B5 1.4M QPSK RB1.0 848.3 MHz Tx CH High

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg C/64RH

Test Engineer: Ashton Measurement Antenna Pol. : Vertical



Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Marg in
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
50.37	S	-42.83	-35.10	-6.91	-0.82	-13	-29.83
94.99	S	-50.33	-46.59	-2.60	-1.14	-13	-37.33
271.53	S	-66.35	-67.77	3.34	-1.91	-13	-53.35
515.00	S	-65.58	-67.30	4.25	-2.53	-13	-52.58
686.69	S	-62.02	-64.23	5.32	-3.11	-13	-49.02
751.68	S	-59.69	-62.03	5.46	-3.12	-13	-46.69
1693.00	Н	-52.56	-54.67	6.91	-4.80	-13	-39.56
2540.00	Н	-39.25	-41.67	8.32	-5.91	-13	-26.25



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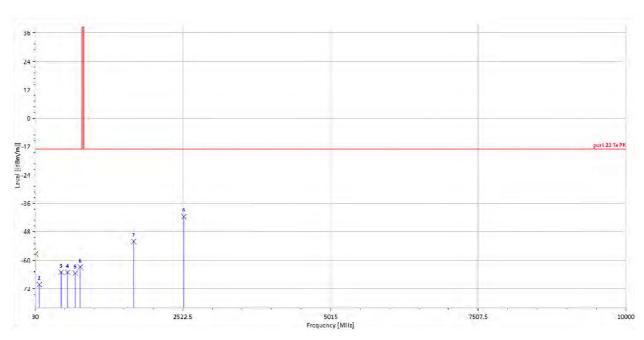
Operation Mode: Fundamental Frequency: Operation Band:

EUT Pol.:

LTE B5 1.4M QPSK RB1.0 848.3 MHz Tx CH High

Test Date: 2016/12/22 Temp. / Humi.: 22.3deg C/64RH

Test Engineer: Ashton Measurement Antenna Pol.: Horizontal



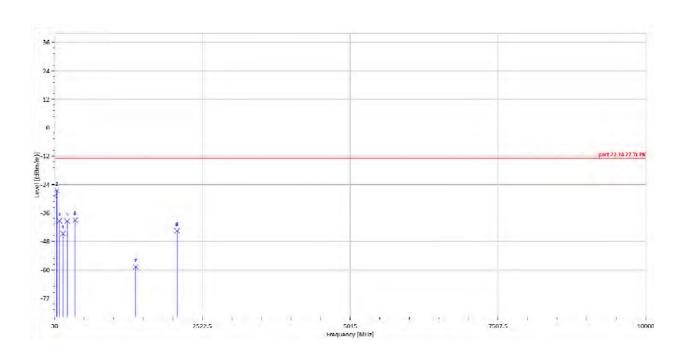
Freq.	Note	ERP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
34.85	S	-57.32	-38.42	-18.19	-0.71	-13	-44.32
99.84	S	-70.20	-66.00	-3.03	-1.17	-13	-57.20
469.41	S	-65.09	-66.65	4.17	-2.61	-13	-52.09
575.14	S	-65.08	-66.70	4.50	-2.88	-13	-52.08
707.06	S	-65.48	-67.72	5.46	-3.22	-13	-52.48
791.45	S	-62.82	-64.92	5.51	-3.42	-13	-49.82
1693.00	Н	-52.07	-54.18	6.91	-4.80	-13	-39.07
2540.00	Н	-41.57	-43.99	8.32	-5.91	-13	-28.57



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Radiated Spurious Emission Measurement Result: LTE-Band 12 (The Worst Case)

Operation Mode:	LTEB12 1.4M QPSK RB1.5	Test Date :	2017/1/9
Fundamental Frequency:	699.7 MHz	Temp. / Humi. :	22.3deg_C/64RH
Operation Band :	Tx CH Low	Test Engineer:	Ashton
EUT Pol. :	Н	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
33.88	S	-28.81	-9.10	-19.03	-0.68	-13.01	-15.80
69.77	S	-26.59	-23.83	-1.77	-0.98	-13.01	-13.58
112.45	S	-39.39	-34.86	-3.30	-1.23	-13.01	-26.38
173.56	S	-44.75	-46.11	2.92	-1.56	-13.01	-31.74
244.37	S	-39.47	-41.08	3.37	-1.76	-13.01	-26.46
379.20	S	-39.10	-40.50	3.66	-2.26	-13.01	-26.09
1399.00	Н	-58.85	-60.36	5.87	-4.35	-13.01	-45.84
2099.00	Н	-43.57	-46.21	8.01	-5.37	-13.01	-30.56

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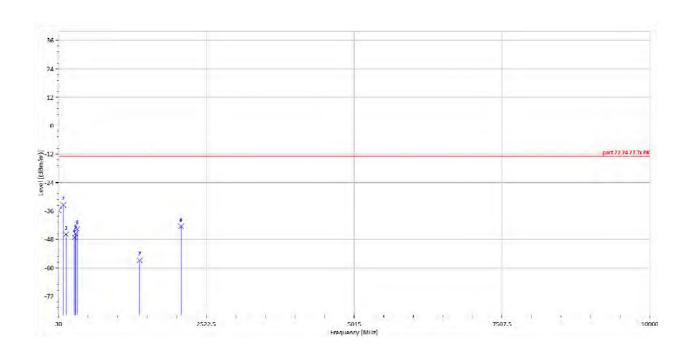
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Operation Mode:	LTEB12 1.4M QPSK RB1.5	Test Date :	2017/1/9
Fundamental Frequency:	699.7 MHz	Temp. / Humi. :	22.3deg_C/64RH
Operation Band :	Tx CH Low	Test Engineer:	Ashton
EUT Pol. :	Н	Measurement Antenna Pol. :	Horizontal

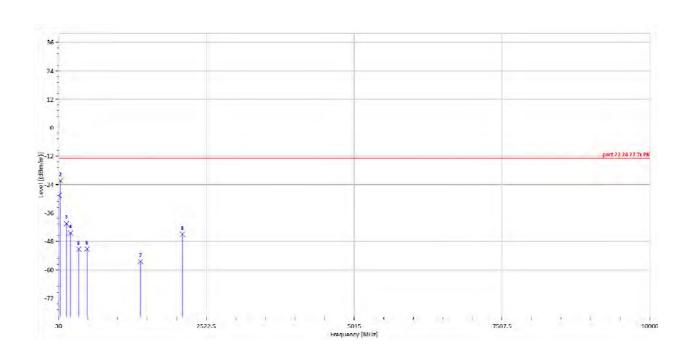


Freq.	Note	ERP	SG Output	Antenna	Cable	Lim it	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
30.97	S	-35.77	-13.57	-21.56	-0.65	-13.01	-22.76
111.48	S	-33.53	-28.95	-3.34	-1.23	-13.01	-20.52
159.01	S	-45.92	-45.80	1.34	-1.45	-13.01	-32.91
297.72	S	-47.26	-49.03	3.78	-2.01	-13.01	-34.25
319.06	S	-45.53	-47.36	3.78	-1.96	-13.01	-32.52
347.19	S	-43.64	-45.21	3.74	-2.18	-13.01	-30.63
1399.00	Н	-56.89	-58.40	5.87	-4.35	-13.01	-43.88
2099.00	Н	-42.49	-45.13	8.01	-5.37	-13.01	-29.48



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Operation Mode:	LTEB12 1.4M QPSK RB1.5	Test Date :	2017/1/9
Fundamental Frequency:	707.5 MHz	Temp. / Humi. :	22.3deg_C/64RH
Operation Band :	Tx CH Mid	Test Engineer:	Ashton
EUT Pol. :	Н	Measurement Antenna Pol. :	Vertical

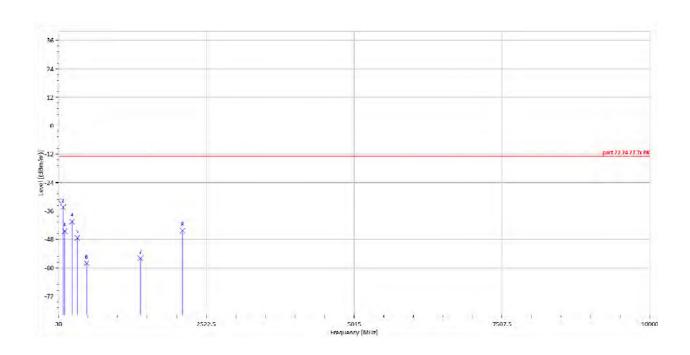


Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
36.79	S	-28.60	-11.28	-16.61	-0.71	-13.01	-15.59
62.01	S	-22.45	-18.65	-2.81	-1.00	-13.01	-9.44
165.80	S	-40.58	-41.14	2.10	-1.54	-13.01	-27.57
233.70	S	-44.54	-46.68	3.90	-1.76	-13.01	-31.53
372.41	S	-51.31	-52.75	3.68	-2.24	-13.01	-38.30
513.06	S	-51.26	-52.79	4.25	-2.72	-13.01	-38.25
1413.00	Н	-56.58	-58.13	5.92	-4.37	-13.01	-43.57
2120.00	Н	-45.01	-47.62	8.02	-5.42	-13.01	-32.00



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Operation Mode:	LTEB12 1.4M QPSK RB1.5	Test Date :	2017/1/9
Fundamental Frequency:	707.5 MHz	Temp. / Humi. :	22.3deg_C/64RH
Operation Band :	Tx CH Mid	Test Engineer:	Ashton
EUT Pol. :	Н	Measurement Antenna Pol. :	Horizontal

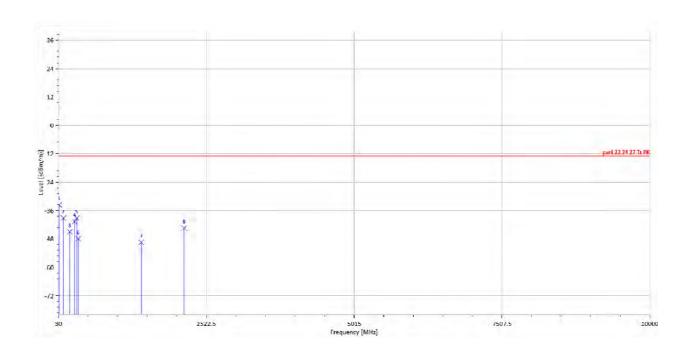


Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
33.88	S	-31.81	-12.09	-19.03	-0.68	-13.01	-18.80
109.54	S	-34.46	-29.83	-3.40	-1.24	-13.01	-21.45
134.76	S	-44.57	-41.52	-1.67	-1.38	-13.01	-31.56
258.92	S	-40.57	-41.16	2.53	-1.94	-13.01	-27.56
349.13	S	-47.48	-49.14	3.74	-2.08	-13.01	-34.47
506.27	S	-58.11	-59.96	4.24	-2.40	-13.01	-45.10
1413.00	Н	-56.07	-57.62	5.92	-4.37	-13.01	-43.06
2120.00	Н	-44.38	-46.99	8.02	-5.42	-13.01	-31.37



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Operation Mode:	LTEB12 1.4M QPSK RB1.5	Test Date :	2017/1/9
Fundamental Frequency:	715.3 MHz	Temp. / Humi. :	22.3deg_C/64RH
Operation Band :	Tx CH High	Test Engineer:	Ashton
EUT Pol. :	H	Measurement Antenna Pol. :	Vertical

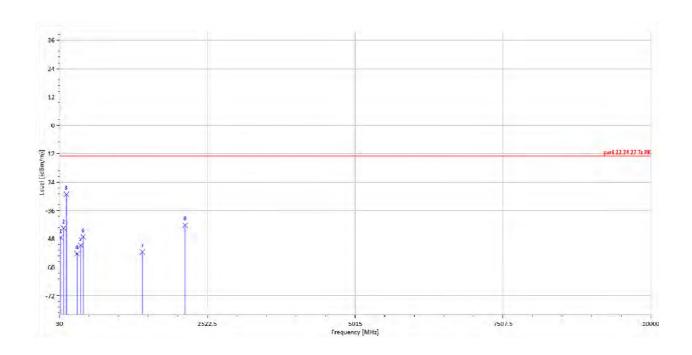


Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
42.61	S	-33.59	-20.82	-12.00	-0.76	-13.01	-20.58
113.42	S	-39.24	-34.75	-3.26	-1.24	-13.01	-26.23
221.09	S	-45.00	-47.63	4.37	-1.75	-13.01	-31.99
302.57	S	-40.68	-42.44	3.80	-2.04	-13.01	-27.67
338.46	S	-39.23	-40.90	3.76	-2.08	-13.01	-26.22
364.65	S	-47.93	-49.36	3.70	-2.27	-13.01	-34.92
1427.00	Н	-49.48	-51.06	5.97	-4.39	-13.01	-36.47
2148.00	Н	-43.45	-46.03	8.04	-5.46	-13.01	-30.44



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Operation Mode:	LTEB12 1.4M QPSK RB1.5	Test Date :	2017/1/9
Fundamental Frequency:	715.3 MHz	Temp. / Humi. :	22.3deg_C/64RH
Operation Band :	Tx CH High	Test Engineer:	Ashton
EUT Pol. :	Н	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP	SG Output	Antenna	Cable	Limit	Margin
			Level	Gain	Loss	@3m	
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
52.31	S	-47.45	-40.43	-6.14	-0.88	-13.01	-34.44
97.90	S	-43.49	-39.48	-2.85	-1.16	-13.01	-30.48
147.37	S	-29.17	-27.79	0.01	-1.40	-13.01	-16.16
326.82	S	-54.23	-55.90	3.77	-2.10	-13.01	-41.22
389.87	S	-50.75	-52.04	3.63	-2.34	-13.01	-37.74
428.67	S	-47.06	-48.53	3.90	-2.43	-13.01	-34.05
1427.00	Н	-53.54	-55.12	5.97	-4.39	-13.01	-40.53
2148.00	Н	-42.19	-44.77	8.04	-5.46	-13.01	-29.18



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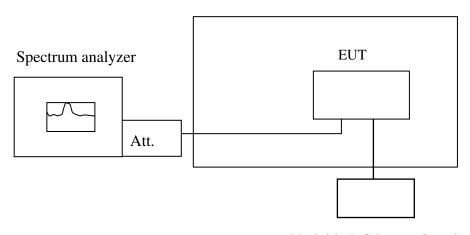
11. FREQUENCY STABILITY MEASUREMENT

11.1. Standard Applicable:

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

11.2. Test Set-up:

Temperature Chamber



Variable DC Power Supply

Note: Measurement setup for testing on Antenna connector

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11.3. Measurement Procedure:

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Set chamber temperature to 25°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

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11.4. Measurement Equipment Used:

Conducted Emission (measured at antenna port) Test Site						
EQUIPMENT	MFR	MODEL	SERIAL	LAST	CAL DUE.	
TYPE		NUMBER	NUMBER	CAL.		
Spectrum Analyzer	KEYSIGHT	N9010A	MY54510568	04/14/2016	04/13/2017	
Communication Tester	Anritsu	MT8820C	6201107337	05/25/2016	05/24/2017	
Coaxial Cable 30cm	WOKEN	00100A1F1 A195C	RF01	12/12/2016	12/11/2017	
Temperature Chamber	TERCHY	MHK-120LK	1020582	06/16/2016	06/15/2017	
DC Block	PASTERNACK	PE8210	RF29	12/12/2016	12/11/2017	
Splitter	RF-LAMBAD	RFLT2W1G 18G	RF35	12/12/2016	12/11/2017	
Attenuator	WOKEN	218FS-10	RF23	12/12/2016	12/11/2017	
DC Power Supply	Agilent	E3640A	MY53140006	05/04/2016	05/03/2017	
Communication Tester	Anritsu	MT8820C	6201107337	05/25/2016	05/24/2017	

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11.5. Measurement Result:

FREQUENCY FRROR vs. VOLTAGE

FREQUENCY ERROR VS. VOLTAGE						
Reference Freq	Reference Frequency: GPRS 850 Mid Channel 836.6 MHz					
	Limit: +/- 2	2.5 ppm				
Power Supply	Environment	Frequency	Delta			
Vdc	Temperature $(^{\circ}\mathbb{C})$	(MHz)	(Hz)	Limit (Hz)		
4.4	20	836599996	5	2091		
3.85	20	836599991	0	2091		
3.4	20	836600005	14	2091		
3.4 (End point)	20	836600009	14	2091		

FREQUENCY FRROR vs. TEMPERATURE

THE GOENOT ENHOUSE TERM ENATORIE					
Reference Frequency: GPRS 850 Mid Channel 836.6 MHz					
	Limit: +/- 2	2.5 ppm			
Power Supply	Environment	Frequency	Delta		
Vdc	Temperature $(^{\circ}\mathbb{C})$	(MHz)	(Hz)	Limit (Hz)	
3.85	50	836599987	-4	2091	
3.85	40	836599990	-1	2091	
3.85	30	836600007	16	2091	
3.85	20	836599991	0	2091	
3.85	10	836599997	6	2091	
3.85	0	836599995	4	2091	
3.85	-10	836600008	17	2091	
3.85	-20	836599997	6	2091	
3.85	-30	836600004	13	2091	

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FREQUENCY FRROR vs. VOI TAGE

THE GOLINOT ETHIOTI VS. VOLTAGE							
Reference Frequency: GPRS 1900 Mid Channel 1880							
	Limit: +/- 2.5	ppm					
Power Supply	Environment	Frequency	Dalta	Limit			
Vdc	Temperature $(^{\circ}\mathbb{C})$	(MHz)	(Hz)	(Hz)			
4.4	20	1.88E+09	5	4700			
3.85	20	1.88E+09	0	4700			
3.4	20	1.88E+09	16	4700			
3.4 (End point)	20	1.88E+09	16	4700			

FREQUENCY ERROR vs. TEMPERATURE

11124021101 21111011 101121111 2111112112							
Reference Frequency: GPRS 1900 Mid Channel 1880							
	Limit: +/- 2.5 ppm						
Power Supply	Environment	Frequency	Delta	Limit			
Vdc	Temperature $(^{\circ}\mathbb{C})$	(MHz)	(Hz)	(Hz)			
3.85	50	1.88E+09	-7	4700			
3.85	40	1.88E+09	2	4700			
3.85	30	1.88E+09	14	4700			
3.85	20	1.88E+09	0	4700			
3.85	10	1.88E+09	6	4700			
3.85	0	1.88E+09	3	4700			
3.85	-10	1.88E+09	17	4700			
3.85	-20	1.88E+09	1	4700			
3.85	-30	1.88E+09	3	4700			

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FREQUENCY ERROR vs. VOLTAGE

THE GOLINGT ENITOR VS. VOLTAGE						
Reference Fred	Reference Frequency: WCDMA II Mid Channel 1880 MHz					
	Limit: +/- 2	2.5 ppm				
Power Supply	Environment	Frequency	Delta			
Vdc	Temperature $(^{\circ}\mathbb{C})$	(MHz)	(Hz)	Limit (Hz)		
4.4	20	1.88E+09	-6	4700		
3.85	20	1.88E+09	0	4700		
3.4	20	1.88E+09	-21	4700		
3.4 (End point)	20	1.88E+09	-21	4700		

FREQUENCY ERROR vs. TEMPERATURE

Reference Frequency: WCDMA II Mid Channel 1880					
	Limit: +/- 2	2.5 ppm			
Power Supply	Environment	Frequency	Delta		
Vdc	Temperature (°C)	(MHz)	(Hz)	Limit (Hz)	
3.85	50	1.88E+09	-27	4700	
3.85	40	1.88E+09	-19	4700	
3.85	30	1.88E+09	-22	4700	
3.85	20	1.88E+09	0	4700	
3.85	10	1.88E+09	-9	4700	
3.85	0	1.88E+09	-5	4700	
3.85	-10	1.88E+09	-19	4700	
3.85	-20	1.88E+09	-6	4700	
3.85	-30	1.88E+09	-29	4700	

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FREQUENCY ERROR vs. VOLTAGE

THE GOLINOT ETHIOH VS. VOLTAGE							
Reference Frequency: WCDMA IV Mid Channel 1732.6							
	Limit: +/- 2.5	ppm					
Power Supply	Environment	Frequency	Dolta	Limit			
Vdc	Temperature $(^{\circ}\mathbb{C})$	(MHz)	(Hz)	(Hz)			
4.4	20	173259993	5	4331			
3.85	20	173259988	0	4331			
3.4	20	173260004	16	4331			
3.4 (End point)	20	173260006	16	4331			

FREQUENCY ERROR vs. TEMPERATURE

1112021101 2111011 10112111 211110112						
Reference Frequency: WCDMA IV Mid Channel 1732.6						
	Limit: +/- 2.5	5 ppm				
Power Supply	Environment	Frequency	Dolta	Limit		
Vdc	Temperature (°C)	(MHz)	(Hz)	(Hz)		
3.85	50	173260004	16	4331		
3.85	40	173259994	6	4331		
3.85	30	173259992	4	4331		
3.85	20	173259988	0	4331		
3.85	10	173259996	8	4331		
3.85	0	173259988	0	4331		
3.85	-10	173260001	13	4331		
3.85	-20	173259997	9	4331		
3.85	-30	173259993	5	4331		

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FREQUENCY ERROR vs. VOLTAGE

7 112 G 2 1 1 G 1 C 1 G 1 C 1 G 2 1 7 G 2 1 7 G 2 1						
Reference Freq	Reference Frequency: WCDMA V Mid Channel 836.6 MHz					
	Limit: +/- 2	2.5 ppm				
Power Supply	Environment	Frequency	Dolta			
Vdc	Temperature $(^{\circ}\mathbb{C})$	(MHz)	(Hz)	Limit (Hz)		
4.4	20	836599995	7	2091		
3.85	20	836599988	0	2091		
3.4	20	836599994	6	2091		
3.4 (End point)	20	836599997	6	2091		

FREQUENCY FRROR vs. TEMPERATURE

THEGOLIGIE	THE GOEINGT ETHIOTI VS. TEINI ETIATOTIE					
Reference Frequency: WCDMA V Mid Channel 836.6 MHz						
	Limit: +/- 2	2.5 ppm				
Power Supply	Environment	Frequency	Delta			
Vdc	Temperature $(^{\circ}\mathbb{C})$	(MHz)	(Hz)	Limit (Hz)		
3.85	50	836600010	22	2091		
3.85	40	836599991	3	2091		
3.85	30	836600005	17	2091		
3.85	20	836599988	0	2091		
3.85	10	836599988	0	2091		
3.85	0	836599998	10	2091		
3.85	-10	836600004	16	2091		
3.85	-20	836600006	18	2091		
3.85	-30	836599997	9	2091		



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Reference Freq.:	_	TE B2 Mid Channel	1880	MHz 20M QPSK CH 18900
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
	Fre	eq. ERROR vs. V	OLTAGE	
4.4	25	1879.999997	0.8	4700
3.85	25	1879.999996	0	4700
3.4	25	1879.999996	-0.1	4700
3.4 (End Point)	25	1879.999996	-0.1	4700
	l	Freq. ERROR vs.	Temp.	
3.85	-30	1879.999994	-3.2	4700
3.85	-20	1879.999998	1	4700
3.85	-10	1879.999994	-3.3	4700
3.85	0	1879.999997	0	4700
3.85	10	1879.999999	1.8	4700
3.85	20	1879.999997	0	4700
3.85	30	1879.999998	1	4700
3.85	40	1879.999997	-0.1	4700
3.85	50	1879.999996	-0.6	4700



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Reference Freq.:	LTE B4 Mid Channel		1732.5	MHz 20M QPSK CH 20175
Power Supply Vdc	Temp. (°C)			Limit = +/- 2.5 ppm (Hz)
	Freq.	ERROR vs.	VOLTAGI	E
4.4	25	1732.5	-6.2	4331
3.85	25	1732.5	0	4331
3.4	25	1732.5	-3.3	4331
3.4 (End Point)	25	1732.5	-3.3	4331
	Fred	q. ERROR v	s. Temp.	
3.85	-30	1732.5	3.5	4331
3.85	-20	1732.5	1.4	4331
3.85	-10	1732.5	-1.8	4331
3.85	0	1732.5	2.9	4331
3.85	10	1732.5	0.3	4331
3.85	20	1732.5	0	4331
3.85	30	1732.5	3.1	4331
3.85	40	1732.5	-1	4331
3.85	50	1732.5	3.2	4331



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Reference Freq.:		TE B5 Mid Channel	836.5	MHz 10M QPSK CH 20525
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
	Fre	eq. ERROR vs. V	OLTAGE	
4.4	25	836.4999988	-2.4	2091
3.85	25	836.5000012	0	2091
3.4	25	836.4999979	-3.3	2091
3.4 (End Point)	25	836.4999979	-3.3	2091
	F	Freq. ERROR vs.	Temp.	
3.85	-30	836.4999996	1	2091
3.85	-20	836.5000014	2.8	2091
3.85	-10	836.4999992	0.6	2091
3.85	0	836.5000022	3.6	2091
3.85	10	836.4999982	-0.4	2091
3.85	20	836.4999986	0	2091
3.85	30	836.5000029	4.3	2091
3.85	40	836.4999984	-0.2	2091
3.85	50	836.4999971	-1.5	2091



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Reference Freq.:		E B12 Mid Channel	707.5	MHz 10M QPSK CH 23095
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
	Fre	eq. ERROR vs. V	OLTAGI	
4.4	25	707.5000011	2.4	1769
3.85	25	707.4999987	0	1769
3.4	25	707.4999996	0.9	1769
3.4 (End Point)	25	707.4999996	0.9	1769
	F	Freq. ERROR vs.	Temp.	
3.85	-30	707.4999988	-1	1769
3.85	-20	707.4999973	-2.5	1769
3.85	-10	707.4999964	-3.4	1769
3.85	0	707.5000003	0.5	1769
3.85	10	707.5000013	1.5	1769
3.85	20	707.4999998	0	1769
3.85	30	707.4999991	-0.7	1769
3.85	40	707.5000022	2.4	1769
3.85	50	707.4999995	-0.3	1769



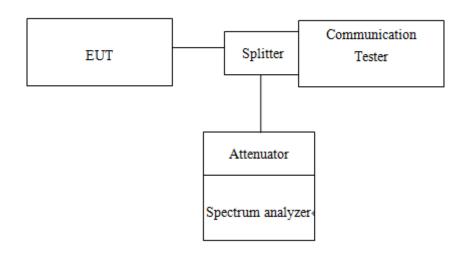
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12. PEAK TO AVERAGE RATIO

12.1. Standard Applicable

The peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

12.2. Test SET-UP



12.3. Measurement Procedure

- 1. KDB 971168 D01 is employed as the following procedure is proper adjusted accordingly:
- 2. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth; & internal =1ms
- 3. Set the number of counts to a value that stabilizes the measured CCDF curve.

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12.4. Measurement Equipment Used

Conduc	ted Emission (m		antenna port)	Test Site	
EQUIPMENT TYPE	MFR	MODEL	MODEL SERIAL NUMBER NUMBER		CAL DUE.
Spectrum Analyzer	KEYSIGHT	N9010A	MY54510568	CAL. 04/14/2016	04/13/2017
Communication Tester	Anritsu	MT8820C	6201107337	05/25/2016	05/24/2017
Coaxial Cable 30cm	WOKEN	00100A1F1A 195C	RF01	12/12/2016	12/11/2017
Temperature Chamber	TERCHY	MHK-120LK	1020582	06/16/2016	06/15/2017
DC Block	PASTERNACK	PE8210	RF29	12/12/2016	12/11/2017
Splitter	RF-LAMBAD	RFLT2W1G1 8G	RF35	12/12/2016	12/11/2017
Attenuator	WOKEN	218FS-10	RF23	12/12/2016	12/11/2017
DC Power Supply	Agilent	E3640A	MY53140006	05/04/2016	05/03/2017
Communication Tester	Anritsu	MT8820C	6201107337	05/25/2016	05/24/2017
Spectrum Analyzer	KEYSIGHT	N9010A	MY54510568	04/14/2016	04/13/2017
Communication Tester	Anritsu	MT8820C	6201107337	05/25/2016	05/24/2017
Coaxial Cable 30cm	WOKEN	00100A1F1A 195C	RF01	12/12/2016	12/11/2017



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12.5. Measurement Result

Tabular Results:

Frequency (MHz)	СН	Peak-to-Average Ratio (dB)						
(101112)		GSM 1900 GPRS 1900 EDGE 1900						
1850.2	512	9.97	10.03	12.21				
1880	661	9.52	9.97	12.06				
1909.8	810	9.59	9.65	12.03				

Frequency (MHz)	СН	Peak-to-Average Ratio (dB)						
(IVITIZ)		WCDMA II HSDPA II HSU						
1852.4	9262	2.73	2.74	2.79				
1880	9400	2.62	2.61	2.6				
1907.6	9538	2.66	2.64	2.64				

Frequency (MHz)	СН	Peak-to-Average Ratio (dB)					
(IVIIIZ)		WCDMA IV	HSUPAIV				
1712.4	1312	2.67	2.66	2.63			
1732.6	1413	2.77	2.79	2.76			
1752.6	1513	2.73	2.73	2.7			

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	LTE BAND 2												
Chan	nel band	width: 1.4N	1Hz	Chann	el bandv	vidth: 3MHz	2						
Freq.	СН	Peak-to-A	verage	Freq.	Freq. Peak-to-Avera								
(MHz)	Сп	16QAM	Limit	(MHz)	CH	16QAM	Limit						
1850.7	18607	5.53	13	1851.5	18615	5.9	13						
1880.0	18900	5.65	13	1880.0	18900	5.81	13						
1909.3	19193	5.47	13	1908.5	19185	5.67	13						

	LTE BAND 2												
Chai	nnel ban	dwidth: 5M	Hz	Chann	el bandw	idth: 10MH	Z						
Freq.	CII	Peak-to-A	verage	Freq.	Peak-to-Average		verage						
(MHz)	СН	16QAM	Limit	(MHz)	CH	16QAM	Limit						
1852.5	18625	5.85	13	1855.0	18650	5.93	13						
1880.0	18900	5.8	13	1880.0	18900	5.87	13						
1907.5	19175	5.77	13	1905.0	19150	5.96	13						

	LTE BAND 2												
Char	nel band	dwidth: 15M	lHz	Channe	el bandw	idth: 20MH	Z						
Freq.	СН	Peak-to-A	verage	Freq.	СН	Peak-to-A	verage						
(MHz)	Сп	16QAM	Limit	(MHz)	СП	16QAM	Limit						
1857.5	18675	6.79	13	1860.0	18700	7.11	13						
1880.0	18900	6.66	13	1880.0	18900	7.15	13						
1902.5	19125	6.87	13	1900.0	19100	7.13	13						



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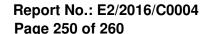
	LTE BAND 4												
Chan	nel band	width: 1.4N	ИHz	Chann	el bandv	vidth: 3MHz	2						
Freq.	СН	Peak-to-A	verage	Freq. Peak-to-Avera									
(MHz)	Сп	16QAM	Limit	(MHz)	CH	16QAM	Limit						
1710.7	19957	5.65	13	1711.5	19965	5.78	13						
1732.5	20175	5.91	13	1732.5	20175	6.03	13						
1754.3	20393	5.83	13	1753.5	20385	5.9	13						

LTE BAND 4												
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz								
Freq. (MHz)	СН	Peak-to-Average		Freq.	CII	Peak-to-Average						
		16QAM	Limit	(MHz)	СН	16QAM	Limit					
1712.5	19957	5.64	13	1715.0	20000	5.78	13					
1732.5	20175	5.9	13	1732.5	20175	5.84	13					
1752.5	20375	5.83	13	1750.0	20350	5.83	13					

LTE BAND 4												
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz								
Freq. (MHz)	СН	Peak-to-Average		Freq.	CII	Peak-to-Average						
		16QAM	Limit	(MHz)	СН	16QAM	Limit					
1717.5	20025	6.66	13	1720.0	20050	7.16	13					
1732.5	20175	6.71	13	1732.5	20175	7.11	13					
1747.5	20325	6.6	13	1745.0	20300	7.07	13					

Measurement Results:

Please refer to next page.

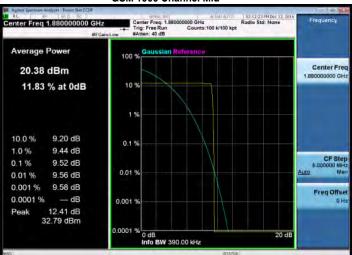




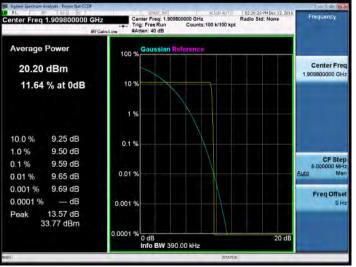
GSM 1900 Channel Low



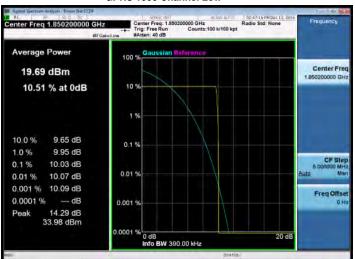
GSM 1900 Channel Mid



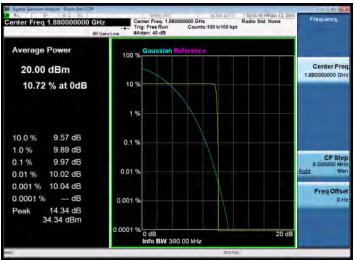
GSM 1900 Channel High



GPRS 1900 Channel Low



GPRS 1900 Channel Mid



GPRS 1900 Channel High



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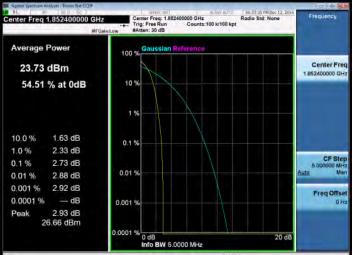


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EDGE 1900 Channel Low



WCDMA Band II Channel Low



EDGE 1900 Channel Mid



WCDMA Band II Channel Mid



EDGE 1900 Channel High



WCDMA Band II Channel High



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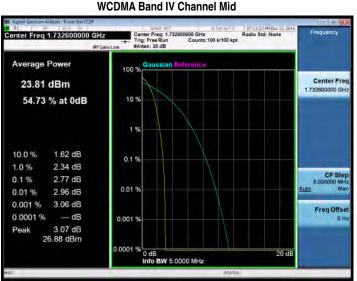
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WCDMA Band IV Channel Low





WCDMA Band IV Channel High



HSDPA Band II Channel Low



HSDPA Band II Channel Mid



HSDPA Band II Channel High



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HSDPA Band IV Channel Low



HSUPA Band II Channel Low



HSDPA Band IV Channel Mid



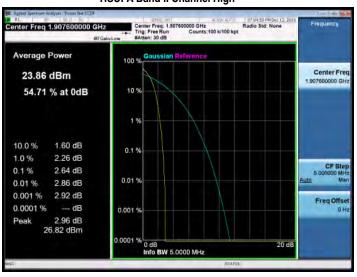
HSUPA Band II Channel Mid



HSDPA Band IV Channel High



HSUPA Band II Channel High



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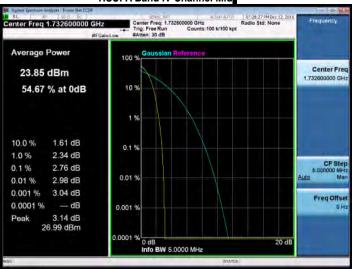


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HSUPA Band IV Channel Low



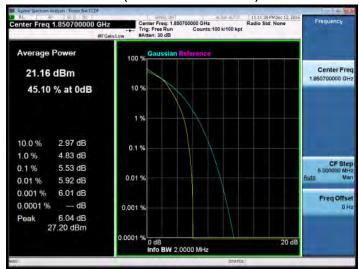
HSUPA Band IV Channel Mid



HSUPA Band IV Channel High



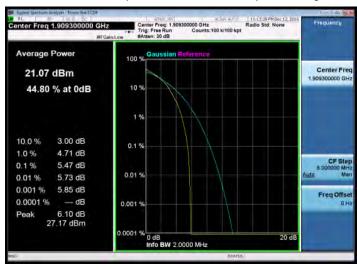
1.4MHz BW LTE-Band 2(16QAM Number: 6 Offset: 0) Channel Low



1.4MHz BW LTE-Band 2(16QAM Number: 6 Offset: 0) Channel Mid



1.4MHz BW LTE-Band 2(16QAM Number: 6 Offset: 0) Channel High



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3MHz BW LTE-Band 2(16QAM Number: 15 Offset: 0) Channel Low



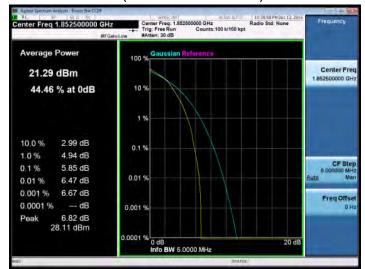
3MHz BW LTE-Band 2(16QAM Number: 15 Offset: 0) Channel Mid



3MHz BW LTE-Band 2(16QAM Number: 15 Offset: 0) Channel High



5MHz BW LTE-Band 2(16QAM Number: 25 Offset: 0) Channel Low



5MHz BW LTE-Band 2(16QAM Number: 25 Offset: 0) Channel Mid



5MHz BW LTE-Band 2(16QAM Number: 25 Offset: 0) Channel High



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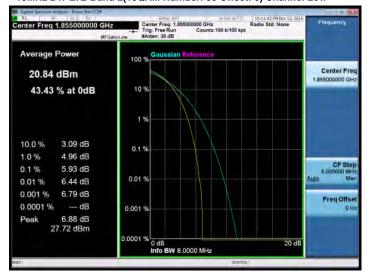
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10MHz BW LTE-Band 2(16QAM Number: 50 Offset: 0) Channel Low



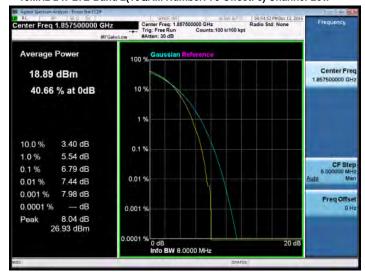
10MHz BW LTE-Band 2(16QAM Number: 50 Offset: 0) Channel Mid



10MHz BW LTE-Band 2(16QAM Number: 50 Offset: 0) Channel High



15MHz BW LTE-Band 2(16QAM Number: 75 Offset: 0) Channel Low



15MHz BW LTE-Band 2(16QAM Number: 75 Offset: 0) Channel Mid



15MHz BW LTE-Band 2(16QAM Number: 75 Offset: 0) Channel High



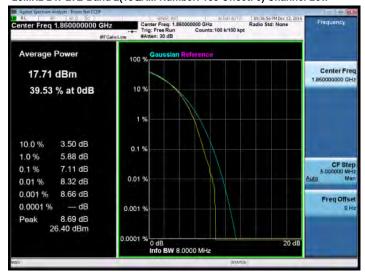
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20MHz BW LTE-Band 2(16QAM Number: 100 Offset: 0) Channel Low



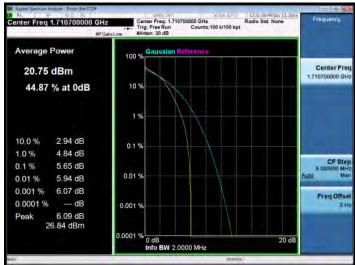
20MHz BW LTE-Band 2(16QAM Number: 100 Offset: 0) Channel Mid



20MHz BW LTE-Band 2(16QAM Number: 100 Offset: 0) Channel High



1.4MHz BW LTE-Band 4(16QAM Number: 6 Offset: 0) Channel Low



1.4MHz BW LTE-Band 4(16QAM Number: 6 Offset: 0) Channel Mid



1.4MHz BW LTE-Band 4(16QAM Number: 6 Offset: 0) Channel High



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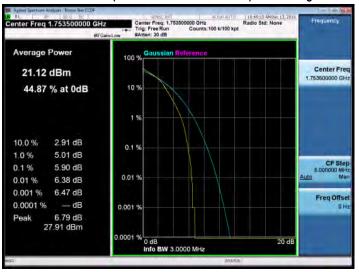
3MHz BW LTE-Band 4(16QAM Number: 15 Offset: 0) Channel Low



3MHz BW LTE-Band 4(16QAM Number: 15 Offset: 0) Channel Mid



3MHz BW LTE-Band 4(16QAM Number: 15 Offset: 0) Channel High



5MHz BW LTE-Band 4(16QAM Number: 25 Offset: 0) Channel Low



5MHz BW LTE-Band 4(16QAM Number: 25 Offset: 0) Channel Mid



5MHz BW LTE-Band 4(16QAM Number: 25 Offset: 0) Channel High



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10MHz BW LTE-Band 4(16QAM Number: 50 Offset: 0) Channel Low



10MHz BW LTE-Band 4(16QAM Number: 50 Offset: 0) Channel Mid



10MHz BW LTE-Band 4(16QAM Number: 50 Offset: 0) Channel High



15MHz BW LTE-Band 4(16QAM Number: 75 Offset: 0) Channel Low



15MHz BW LTE-Band 4(16QAM Number: 75 Offset: 0) Channel Mid



15MHz BW LTE-Band 4(16QAM Number: 75 Offset: 0) Channel High



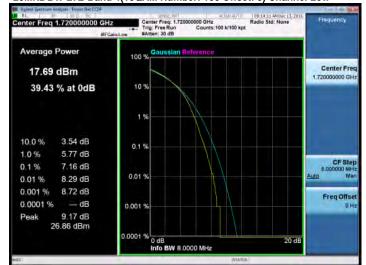
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20MHz BW LTE-Band 4(16QAM Number: 100 Offset: 0) Channel Low



20MHz BW LTE-Band 4(16QAM Number: 100 Offset: 0) Channel Mid



20MHz BW LTE-Band 4(16QAM Number: 100 Offset: 0) Channel High



~ End of Report ~

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