

Report No.: SZEM180400321702

Page: 1 of 33

Appendix B

LTE-M1 BAND 13



Report No.: SZEM180400321702

Page: 2 of 33

CONTENT

		Page
1	EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA	3
2	PEAK-TO-AVERAGE RATIO	4
	2.1 FOR LTE-M1	4
	2.1.1 Test Band = LTE-M1 BAND13	
3	MODULATION CHARACTERISTICS	11
	3.1 FOR LTE-M1	11
	3.1.1 Test Band = LTE-M1 BAND13	11
4	BANDWIDTH	13
	4.1 FOR LTE	13
	4.1.1 Test Band = LTE-M1 BAND13	13
5	BAND EDGES COMPLIANCE	20
	5.1 FOR LTE-M1	20
	5.1.1 Test Band = LTE-M1 BAND13	20
6	SPURIOUS EMISSION AT ANTENNA TERMINAL	25
	6.1 FOR LTE-M1	25
	6.1.1 Test Band = LTE-M1 BAND13	25
7	FIELD STRENGTH OF SPURIOUS RADIATION	32
	7.1 FOR LTE-M1	32
	7.1.1 Test Band = LTE-M1 BAND13	32
8	FREQUENCY STABILITY	34
	8.1 FREQUENCY ERROR VS. VOLTAGE	34
	8.2 Frequency Error VS. Temperature	35



Report No.: SZEM180400321702

Page: 3 of 33

1 Effective (Isotropic) Radiated Power Output Data

Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE-M1 BAND13

LIIECI	Effective isotropic Radiated Power of Transmitter (EIRP) for ETE-MT BAND 13											
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict				
		5M	LCH	RB1#0	23.06	20.11	34.77	PASS				
	LTE- M1/TM1 5			RB1#5	22.98	20.03	34.77	PASS				
				RB6#0	22.09	19.14	34.77	PASS				
			MCH	RB1#0	23.03	20.08	34.77	PASS				
BAND13				RB1#5	23.07	20.12	34.77	PASS				
				RB6#0	22.18	19.23	34.77	PASS				
				RB1#0	22.93	19.98	34.77	PASS				
			HCH	RB1#5	22.96	20.01	34.77	PASS				
				RB6#0	21.99	19.04	34.77	PASS				

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
		5M		RB1#0	22.63	19.68	34.77	PASS
			LCH	RB1#5	22.65	19.7	34.77	PASS
				RB6#0	21.1	18.15	34.77	PASS
			MCH	RB1#0	22.65	19.7	34.77	PASS
BAND13	LTE- M1/TM2			RB1#5	22.67	19.72	34.77	PASS
				RB6#0	21.11	18.16	34.77	PASS
				RB1#0	22.46	19.51	34.77	PASS
			HCH	RB1#5	22.49	19.54	34.77	PASS
				RB6#0	21.14	18.19	34.77	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
	LTE- M1/TM1	10M	МСН	RB1#0	23.06	20.11	34.77	PASS
BAND13				RB1#5	23.25	20.3	34.77	PASS
				RB6#0	22.12	19.17	34.77	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
	LTE- M1/TM2	10M	мсн	RB1#0	22.71	19.76	34.77	PASS
BAND13				RB1#5	22.63	19.68	34.77	PASS
				RB6#0	21.15	18.2	34.77	PASS

Note:

a: For getting the ERP (Efficient Radiated Power) in substitution method, the following formula should be taken to calculate it,

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]

b: SGP=Signal Generator Level



Report No.: SZEM180400321702

Page: 4 of 33

2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
	TM1/5M Full RB	LCH	4.38	13	PASS
		MCH	5.30	13	PASS
	T GIT ND	HCH	4.43	13	PASS
	TN44 /5N4	LCH	4.09	13	PASS
	TM1/5M 1 RB	MCH	4.03	13	PASS
BAND13		HCH	3.97	13	PASS
DAINDIS	TN40/5N4	LCH	5.25	13	PASS
	TM2/5M Full RB	MCH	5.25	13	PASS
	T dil ND	HCH	5.57	13	PASS
	TN40/5N4	LCH	4.49	13	PASS
	TM2/5M 1 RB	MCH	4.87	13	PASS
	IKB	HCH	4.78	13	PASS

Part II - Test Plots

2.1 For LTE-M1

2.1.1 Test Band = LTE-M1 BAND13

2.1.1.1 Test Mode = LTE-M1/TM1.Bandwidth=5MHz Full RB

2.1.1.1.1 Test Channel = LCH



Date: 4.JUL.2018 03:57:03



Report No.: SZEM180400321702

Page: 5 of 33

2.1.1.1.2 Test Channel = MCH



Date: 4.JUL.2018 04:05:10

2.1.1.1.3 Test Channel = HCH



Date: 4.JUL.2018 04:15:59

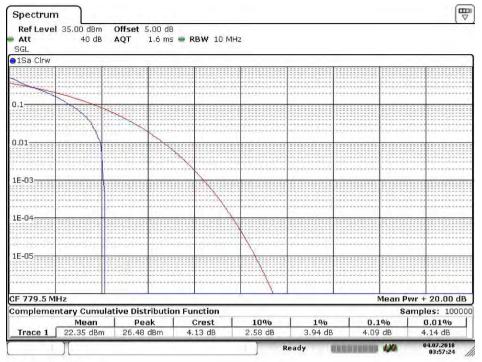


Report No.: SZEM180400321702

Page: 6 of 33

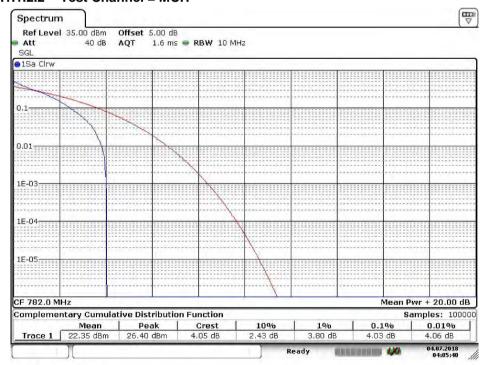
2.1.1.2 Test Mode = LTE-M1/TM1.Bandwidth=5MHz 1 RB

2.1.1.2.1 Test Channel = LCH



Date: 4.JUL.2018 03:57:25

2.1.1.2.2 Test Channel = MCH



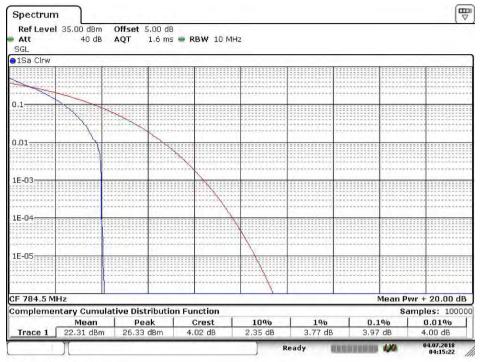
Date: 4.JUL.2018 04:05:41



Report No.: SZEM180400321702

Page: 7 of 33

2.1.1.2.3 Test Channel = HCH



Date: 4.JUL.2018 04:15:23

2.1.1.3 Test Mode = LTE-M1/TM2.Bandwidth=5MHz Full RB

2.1.1.3.1 Test Channel = LCH



Date: 4.JUL.2018 03:59:11

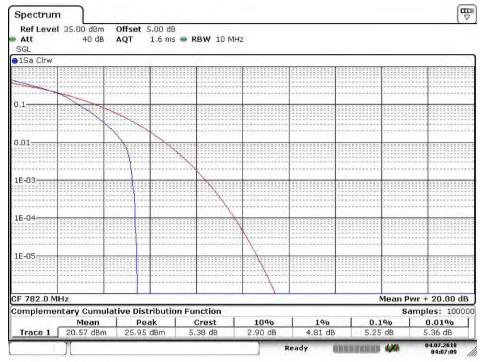
"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at https://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of his document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SZEM180400321702

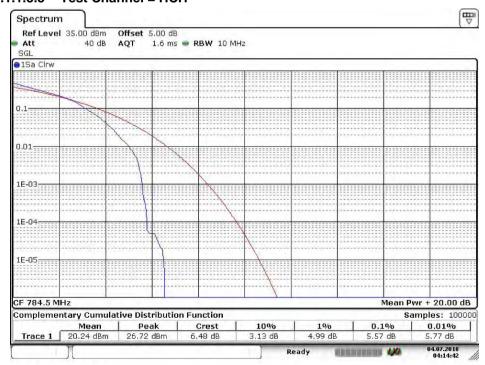
Page: 8 of 33

2.1.1.3.2 Test Channel = MCH



Date: 4.JUL.2018 04:07:09

2.1.1.3.3 Test Channel = HCH



Date: 4.JUL.2018 04:14:42

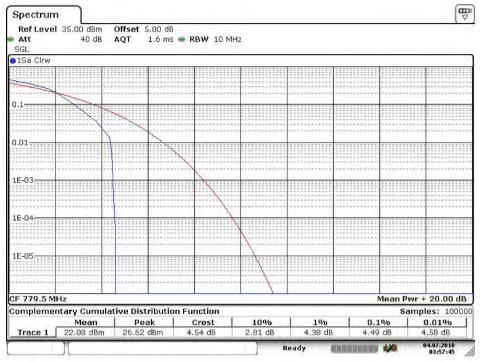


Report No.: SZEM180400321702

Page: 9 of 33

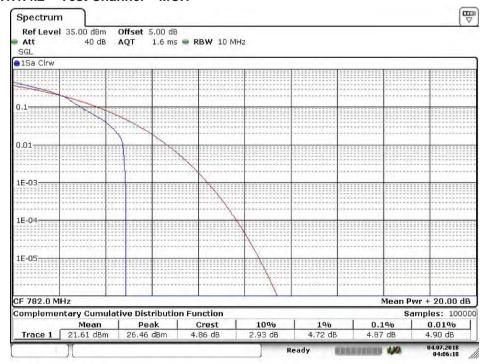
2.1.1.4 Test Mode = LTE-M1/TM2.Bandwidth=5MHz 1 RB

2.1.1.4.1 Test Channel = LCH



Date: 4.JUL.2018 03:57:45

2.1.1.4.2 Test Channel = MCH



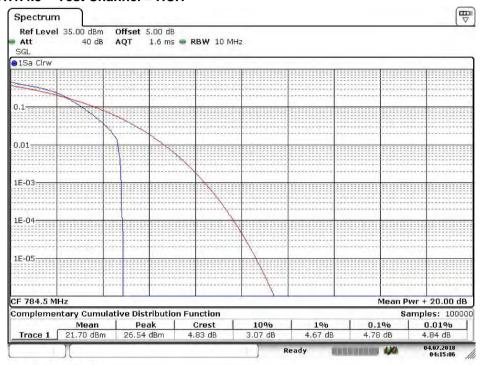
Date: 4.JUL.2018 04:06:18



Report No.: SZEM180400321702

Page: 10 of 33

2.1.1.4.3 Test Channel = HCH



Date: 4.JUL.2018 04:15:07



Report No.: SZEM180400321702

Page: 11 of 33

3 Modulation Characteristics

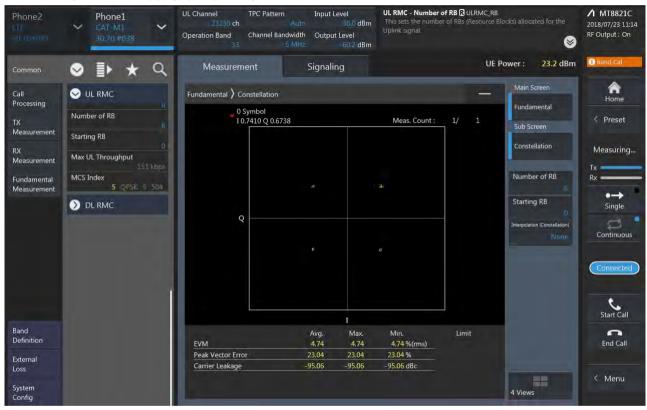
Part I - Test Plots

3.1 For LTE-M1

3.1.1 Test Band = LTE-M1 BAND13

3.1.1.1 Test Mode = LTE-M1 /TM1 5MHz

3.1.1.1.1 Test Channel = MCH

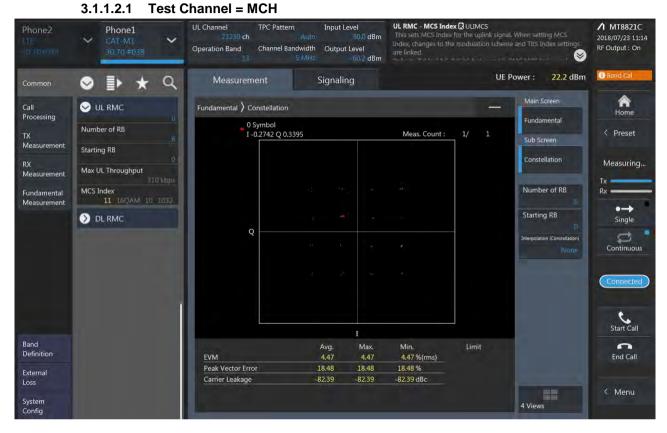




Report No.: SZEM180400321702

Page: 12 of 33

3.1.1.2 Test Mode = LTE-M1 /TM2 5MHz





Report No.: SZEM180400321702

Page: 13 of 33

4 Bandwidth

Part I - Test Results

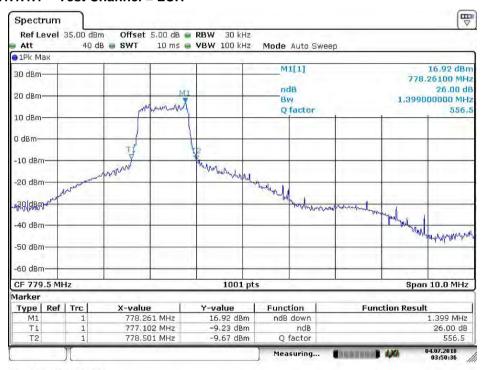
Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		LCH	1.10	1.39	PASS
	TM1/ 5MHz	MCH	1.10	1.41	PASS
DANDAG		HCH	1.10	1.42	PASS
BAND13	TM2/ 5MHz	LCH	1.11	1.49	PASS
		MCH	1.11	1.49	PASS
		HCH	1.11	1.48	PASS

4.1 For LTE

4.1.1 Test Band = LTE-M1 BAND13

4.1.1.1 Test Mode = LTE-M1/TM1 5MHz

4.1.1.1.1 Test Channel = LCH

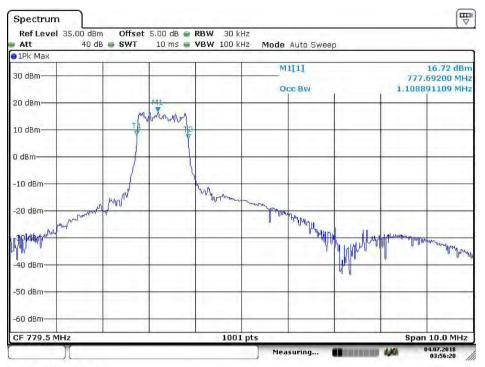


Date: 4.JUL.2018 03:50:37



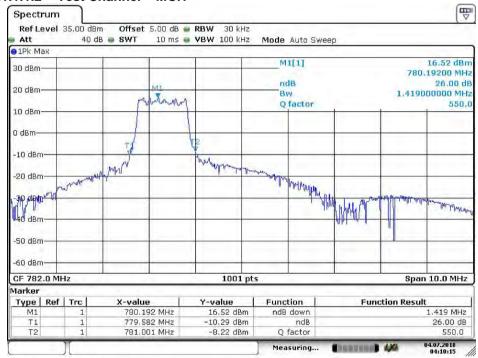
Report No.: SZEM180400321702

Page: 14 of 33



Date: 4.JUL.2018 03:56:20

4.1.1.1.2 Test Channel = MCH

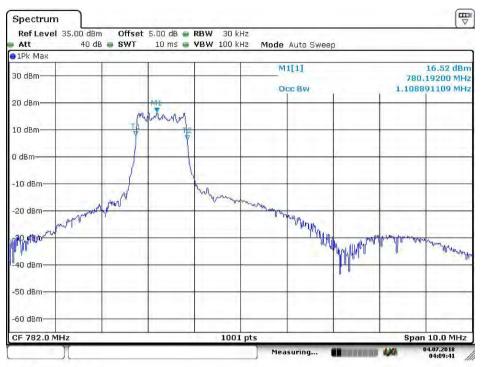


Date: 4.JUL.2018 04:10:15



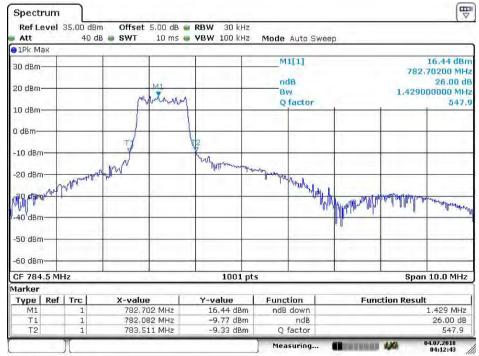
Report No.: SZEM180400321702

Page: 15 of 33



Date: 4.JUL.2018 04:09:41

4.1.1.1.3 Test Channel = HCH

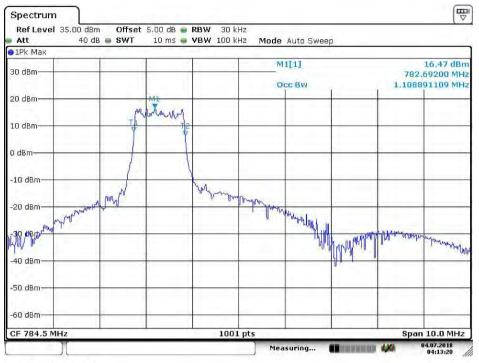


Date: 4.JUL.2018 04:12:43



Report No.: SZEM180400321702

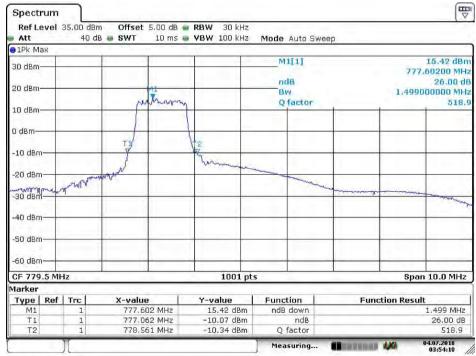
Page: 16 of 33



Date: 4.JUL.2018 04:13:20

4.1.1.2 Test Mode = LTE-M1/TM2 5MHz

4.1.1.2.1 Test Channel = LCH

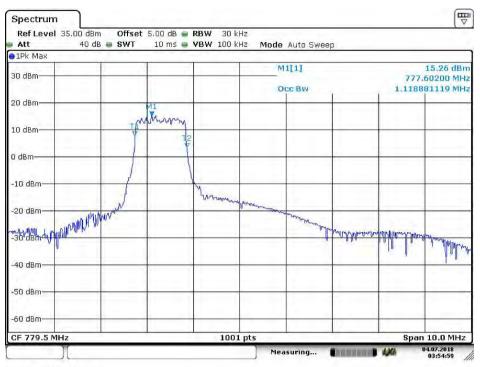


Date: 4.JUL.2018 03:54:10



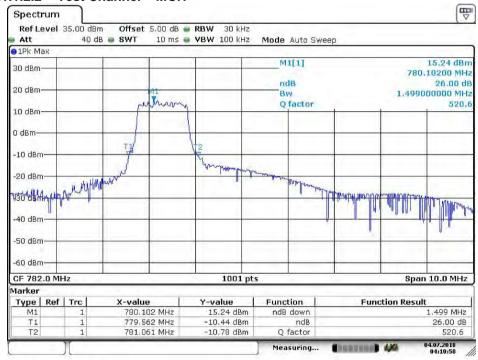
Report No.: SZEM180400321702

Page: 17 of 33



Date: 4.JUL.2018 03:55:00

4.1.1.2.2 Test Channel = MCH

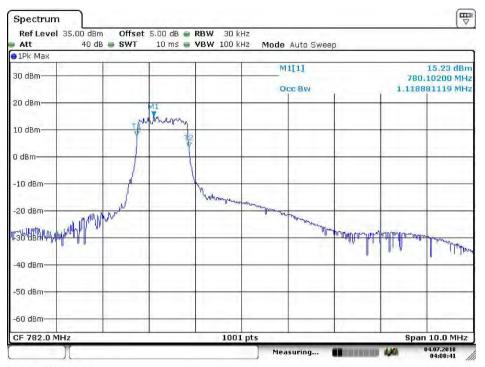


Date: 4.JUL.2018 04:10:58



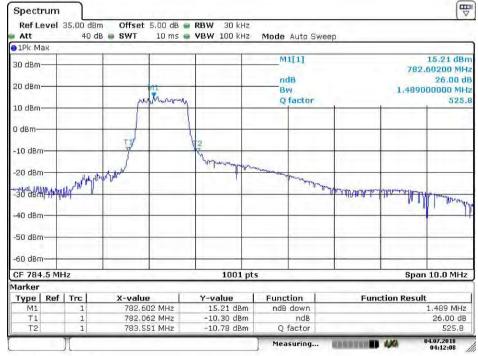
Report No.: SZEM180400321702

Page: 18 of 33



Date: 4.JUL.2018 04:08:41

4.1.1.2.3 Test Channel = HCH

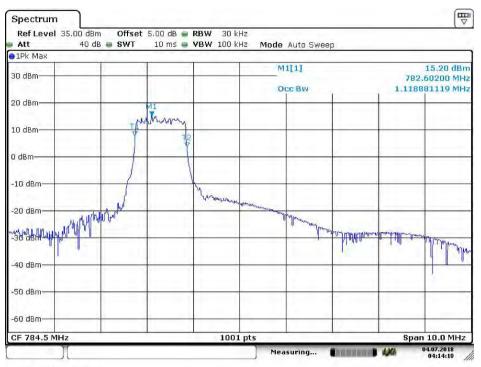


Date: 4.JUL.2018 04:12:08



Report No.: SZEM180400321702

Page: 19 of 33



Date: 4.JUL.2018 04:14:11



Report No.: SZEM180400321702

Page: 20 of 33

5 Band Edges Compliance

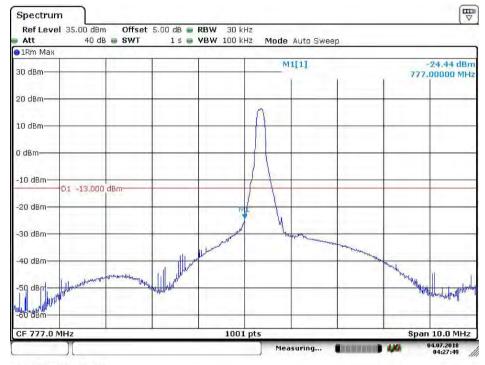
5.1 For LTE-M1

5.1.1 Test Band = LTE-M1 BAND13

5.1.1.1 Test Mode = LTE-M1/TM1 5MHz

5.1.1.1.1 Test Channel = LCH

5.1.1.1.1 Test RB=1RB



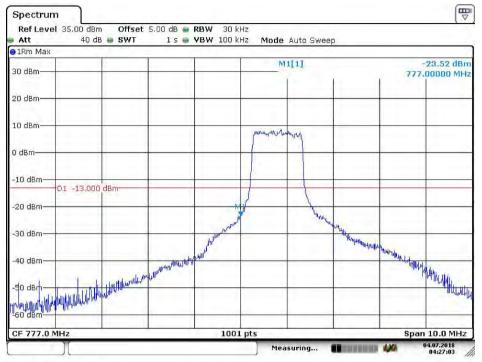
Date: 4.JUL.2018 04:27:49



Report No.: SZEM180400321702

Page: 21 of 33

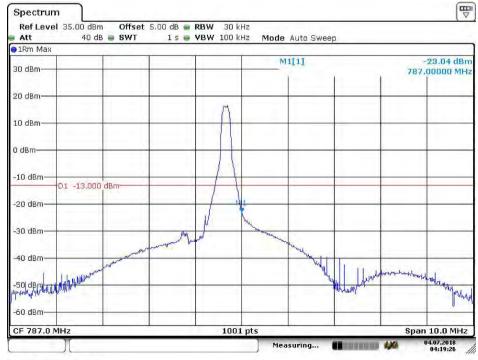
5.1.1.1.1.2 Test RB=6RB



Date: 4.JUL.2018 04:27:04

5.1.1.1.2 Test Channel = HCH

5.1.1.1.2.1 Test RB=1RB



Date: 4.JUL.2018 04:19:26



Report No.: SZEM180400321702

Page: 22 of 33

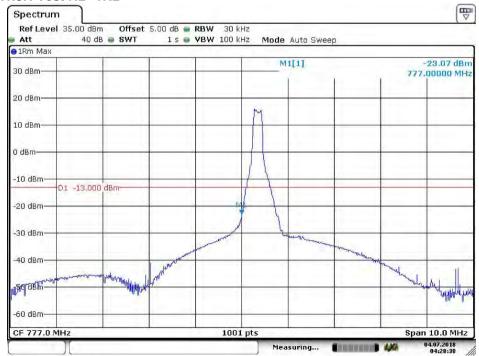
5.1.1.1.2.2 Test RB=6RB



Date: 4.JUL.2018 04:18:06

5.1.1.1.3 Test Channel = LCH

5.1.1.1.3.1 Test RB=1RB



Date: 4.JUL.2018 04:28:38

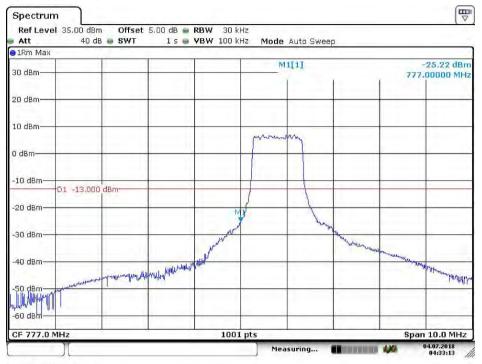
"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of his document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SZEM180400321702

Page: 23 of 33

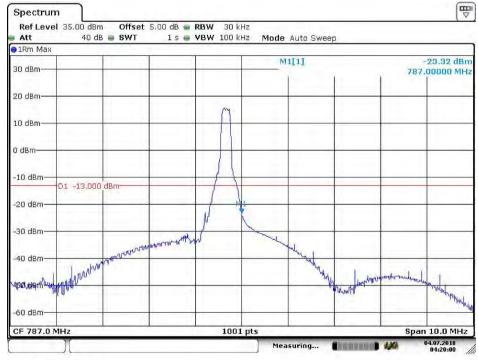
5.1.1.1.3.2 Test RB=6RB



Date: 4.JUL.2018 04:33:13

5.1.1.1.4 Test Channel = HCH

5.1.1.1.4.1 Test RB=1RB



Date: 4.JUL.2018 04:20:00

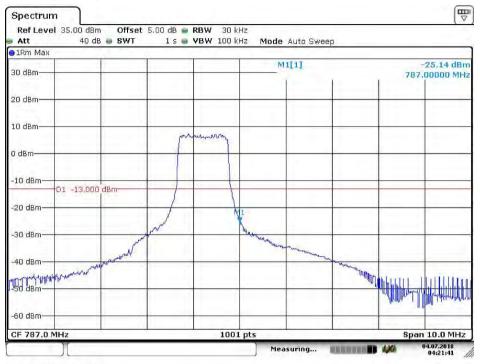
"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of its advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SZEM180400321702

Page: 24 of 33

5.1.1.1.4.2 Test RB=6RB



Date: 4.JUL.2018 04:21:40



Report No.: SZEM180400321702

Page: 25 of 33

6 Spurious Emission at Antenna Terminal

NOTE1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k* (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

NOTE2: only the worst case data displayed in this report.

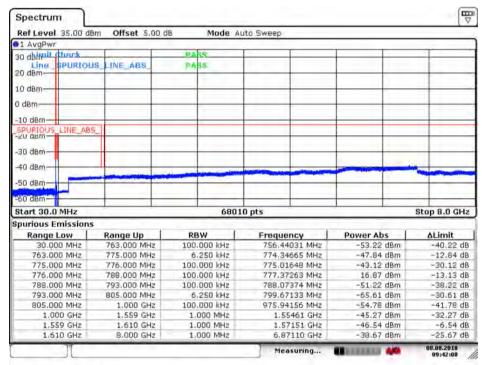
Part I - Test Plots

6.1 For LTE-M1

6.1.1 Test Band = LTE-M1 BAND13

6.1.1.1 Test Mode = LTE-M1 / TM1 5MHz RB1#0

6.1.1.1.1 Test Channel = LCH

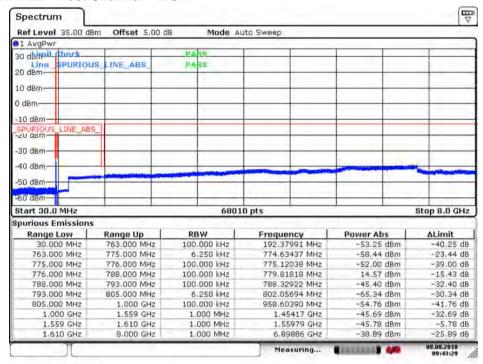




Report No.: SZEM180400321702

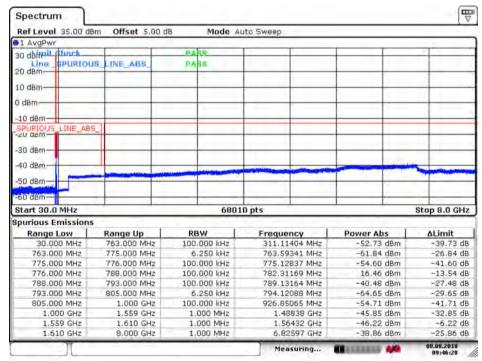
Page: 26 of 33

6.1.1.1.2 Test Channel = MCH



Date: 8.AUG:2018 09:43:29

6.1.1.1.3 Test Channel = HCH



Date: 8.AUG.2018 09:46:28

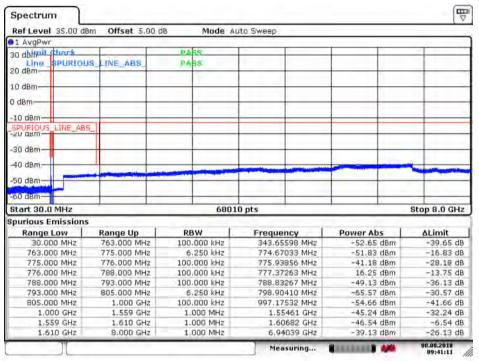


Report No.: SZEM180400321702

Page: 27 of 33

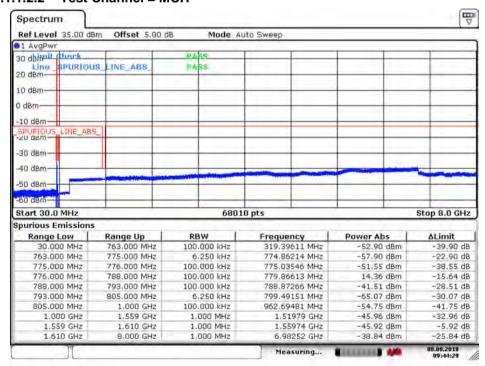
6.1.1.2 Test Mode = LTE-M1 / TM2 5MHz RB1#0

6.1.1.2.1 Test Channel = LCH



Date: 8.AUG.2018 09:41:11

6.1.1.2.2 Test Channel = MCH



Date: 8.AUG.2018 09:44:29

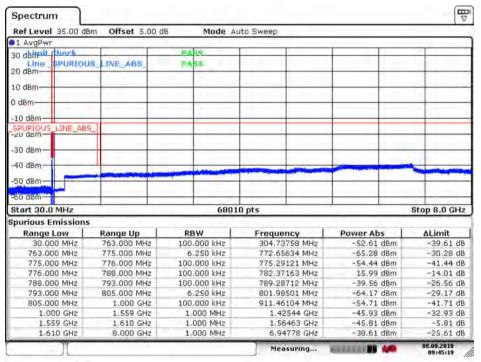
"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of its advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SZEM180400321702

Page: 28 of 33

6.1.1.2.3 Test Channel = HCH



Date: 8.AUG:2018 09:45:19



Report No.: SZEM180400321702

Page: 29 of 33

7 Field Strength of Spurious Radiation

7.1 For LTE-M1

7.1.1 Test Band = LTE-M1 BAND13

7.1.1.1 Test Mode =LTE-M1/TM1 5MHz RB1#0

7.1.1.1.1 Test Channel = LCH

	Test Chailler = LC	/1 1			
Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization	
63.693333	-82.27	-13.00	-69.27	Vertical	
90.480000	-84.74	-13.00	-71.74	Vertical	
1554.500000	-53.20	-13.00	-40.20	Vertical	
2332.000000	-59.12	-13.00	-46.12	Vertical	
3109.200000	-67.75	-13.00	-54.75	Vertical	
6486.112500	-65.23	-13.00	-52.23	Vertical	
63.553333	-78.21	-13.00	-65.21	Horizontal	
104.293333	-84.38	-13.00	-71.38	Horizontal	
1554.500000	-52.64	-13.00	-39.64	Horizontal	
2332.500000	-58.92	-13.00	-45.92	Horizontal	
3109.200000	-65.06	-13.00	-52.06	Horizontal	
7451.362500	-66.14	-13.00	-53.14	Horizontal	

7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
63.693333	-81.51	-13.00	-68.51	Vertical
104.246667	-83.92	-13.00	-70.92	Vertical
1559.500000	-54.36	-40.00	-14.36	Vertical
2339.000000	-58.22	-13.00	-45.22	Vertical
4298.212500	-67.09	-13.00	-54.09	Vertical
7919.850000	-63.99	-13.00	-50.99	Vertical
57.113333	-77.57	-13.00	-64.57	Horizontal
104.293333	-84.75	-13.00	-71.75	Horizontal
1560.000000	-50.80	-40.00	-10.80	Horizontal
2339.500000	-53.22	-13.00	-40.22	Horizontal
3118.950000	-65.09	-13.00	-52.09	Horizontal
7034.550000	-65.23	-13.00	-52.23	Horizontal



Report No.: SZEM180400321702

Page: 30 of 33

7.1.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
63.880000	-82.02	-13.00	-69.02	Vertical
104.246667	-85.19	-13.00	-72.19	Vertical
1565.000000	-54.61	-40.00	-14.61	Vertical
2347.000000	-59.20	-13.00	-46.20	Vertical
3129.187500	-67.68	-13.00	-54.68	Vertical
6486.600000	-65.26	-13.00	-52.26	Vertical
62.433333	-77.72	-13.00	-64.72	Horizontal
104.293333	-85.03	-13.00	-72.03	Horizontal
1564.500000	-50.78	-40.00	-10.78	Horizontal
2346.500000	-57.13	-13.00	-44.13	Horizontal
3129.675000	-67.45	-13.00	-54.45	Horizontal
7051.612500	-65.22	-13.00	-52.22	Horizontal

NOTE:

- 1) The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 2) We have tested all modulation and all bandwidth, but only the worst case data presented in this report.



Report No.: SZEM180400321702

Page: 31 of 33

8 Frequency Stability

8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VL	-13.81	-0.017711	PASS
		LCH	TN	VN	8.77	0.011255	PASS
				VH	3.89	0.004992	PASS
			TN	VL	-0.63	-0.000803	PASS
	LTE-M1/TM1 5MHz	MCH		VN	-8.99	-0.011493	PASS
	JIVII IZ			VH	-9.38	-0.011997	PASS
		нсн	TN	VL	0.38	0.000490	PASS
				VN	-0.35	-0.000443	PASS
LTE-M1				VH	-3.82	-0.004872	PASS
BAND13		LCH	TN	VL	4.56	0.005845	PASS
				VN	1.54	0.001978	PASS
				VH	-6.47	-0.008306	PASS
				VL	6.67	0.008530	PASS
	LTE-M1/TM2 5MHz	MCH	TN	VN	-7.23	-0.009247	PASS
				VH	7.01	0.008963	PASS
		НСН		VL	5.69	0.007256	PASS
			TN	VN	-2.49	-0.003168	PASS
				VH	1.70	0.002170	PASS



Report No.: SZEM180400321702

Page: 32 of 33

8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	-3.32	-0.004261	PASS
				-20	1.48	0.001905	PASS
				-10	-3.11	-0.003986	PASS
				0	-6.58	-0.008447	PASS
		LCH	VN	10	1.12	0.001434	PASS
				20	-7.66	-0.009822	PASS
				30	-3.43	-0.004396	PASS
				40	-6.51	-0.008354	PASS
				50	0.56	0.000721	PASS
			VN	-30	-0.04	-0.000049	PASS
				-20	2.49	0.003178	PASS
		мсн		-10	-0.86	-0.001101	PASS
LTE-M1				0	9.97	0.012744	PASS
BAND13	LTE-M1/TM1 5MHz			10	-3.33	-0.004253	PASS
27 12				20	-0.68	-0.000872	PASS
				30	2.61	0.003332	PASS
				40	4.46	0.005705	PASS
				50	9.00	0.011511	PASS
				-30	-2.52	-0.003212	PASS
				-20	-2.30	-0.002937	PASS
				-10	-2.88	-0.003673	PASS
				0	-5.00	-0.006375	PASS
		НСН	VN	10	2.69	0.003433	PASS
				20	9.29	0.011840	PASS
				30	3.10	0.003949	PASS
				40	2.45	0.003117	PASS
				50	-5.04	-0.006422	PASS



Report No.: SZEM180400321702

Page: 33 of 33

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE-M1 BAND13	LTE-M1/TM2 5MHz	LCH	VN	-30	-0.98	-0.001261	PASS
				-20	4.57	0.005858	PASS
				-10	-2.68	-0.003437	PASS
				0	-8.96	-0.011501	PASS
				10	1.43	0.001834	PASS
				20	6.54	0.008386	PASS
				30	-2.27	-0.002914	PASS
				40	0.56	0.000717	PASS
				50	4.88	0.006263	PASS
		мсн	VN	-30	7.50	0.009592	PASS
				-20	-9.97	-0.012754	PASS
				-10	-8.08	-0.010339	PASS
				0	8.28	0.010584	PASS
				10	4.56	0.005835	PASS
				20	-0.39	-0.000503	PASS
				30	-3.50	-0.004470	PASS
				40	-3.84	-0.004917	PASS
				50	3.56	0.004552	PASS
		нсн	VN	-30	-8.87	-0.011306	PASS
				-20	-6.30	-0.008025	PASS
				-10	0.22	0.000279	PASS
				0	-0.99	-0.001259	PASS
				10	0.77	0.000983	PASS
				20	4.44	0.005659	PASS
				30	1.39	0.001770	PASS
				40	6.38	0.008131	PASS
				50	-0.12	-0.000148	PASS

The End