

Report No.: SZEM180100088201

Page: 1 of 122

Appendix B

E-UTRA Band 2



Report No.: SZEM180100088201

D---

Page: 2 of 122

CONTENT

		Page
1 EFF	FECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA	3
2 PEA	AK-TO-AVERAGE RATIO	15
2.1	For LTE	
2.1.	.1 Test Band = LTE band2	
3 MO	DULATION CHARACTERISTICS	22
3.1	For LTE	
3.1.	.1 Test Band = LTE band2	22
4 BAN	NDWIDTH	24
4.1	For LTE	
4.1.	.1 Test Band = LTE band2	
5 BAN	ND EDGES COMPLIANCE	61
5.1	For LTE	61
5.1.	.1 Test Band = LTE band2	61
6 SPL	URIOUS EMISSION AT ANTENNA TERMINAL	109
6.1	For LTE	
6.1.	.1 Test Band = LTE band2	
7 FIEI	LD STRENGTH OF SPURIOUS RADIATION	118
7.1	For LTE	118
7.1.	.1 Test Band = LTE band2	118
8 FRE	EQUENCY STABILITY	120
8.1	FREQUENCY ERROR VS. VOLTAGE	120
8.2	FREQUENCY ERROR VS. TEMPERATURE	121



Report No.: SZEM180100088201

Page: 3 of 122

1 Effective (Isotropic) Radiated Power Output Data

Effective Isotropic Radiated Power of Transmitter (EIRP) for LTE BAND 2

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				1RB#0	22.43	20.53	33.00	PASS
				1RB#2	22.46	20.56	33.00	PASS
				1RB#5	22.46	20.56	33.00	PASS
			LCH	3RB#0	22.55	20.65	33.00	PASS
				3RB#1	22.54	20.64	33.00	PASS
				3RB#3	22.53	20.63	33.00	PASS
				6RB#0	21.64	19.74	33.00	PASS
				1RB#0	22.29	20.39	33.00	PASS
				1RB#2	22.37	20.47	33.00	PASS
BAND2				1RB#5	22.34	20.44	33.00	PASS
	LTE/TM1	1.4M	MCH	3RB#0	22.46	20.56	33.00	PASS
				3RB#1	22.48	20.58	33.00	PASS
				3RB#3	22.41	20.51	33.00	PASS
				6RB#0	21.54	19.64	33.00	PASS
				1RB#0	22.14	20.24	33.00	PASS
				1RB#2	22.19	20.29	33.00	PASS
				1RB#5	22.18	20.28	33.00	PASS
			HCH	3RB#0	22.3	20.4	33.00	PASS
				3RB#1	22.31	20.41	33.00	PASS
				3RB#3	22.3	20.4	33.00	PASS
				6RB#0	21.39	19.49	33.00	PASS



Report No.: SZEM180100088201

Page: 4 of 122

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				1RB#0	21.55	19.65	33.00	PASS
				1RB#2	21.63	19.73	33.00	PASS
				1RB#5	21.59	19.69	33.00	PASS
			LCH	3RB#0	21.5	19.6	33.00	PASS
				3RB#1	21.5	19.6	33.00	PASS
				3RB#3	21.44	19.54	33.00	PASS
				6RB#0	20.67	18.77	33.00	PASS
				1RB#0	21.59	19.69	33.00	PASS
				1RB#2	21.69	19.79	33.00	PASS
BAND2				1RB#5	21.6	19.7	33.00	PASS
	LTE/TM2	1.4M	МСН	3RB#0	21.41	19.51	33.00	PASS
				3RB#1	21.42	19.52	33.00	PASS
				3RB#3	21.51	19.61	33.00	PASS
				6RB#0	20.45	18.55	33.00	PASS
				1RB#0	21.38	19.48	33.00	PASS
				1RB#2	21.48	19.58	33.00	PASS
				1RB#5	21.42	19.52	33.00	PASS
			НСН	3RB#0	21.26	19.36	33.00	PASS
				3RB#1	21.27	19.37	33.00	PASS
				3RB#3	21.31	19.41	33.00	PASS
				6RB#0	20.29	18.39	33.00	PASS



Report No.: SZEM180100088201

Page: 5 of 122

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				1RB#0	22.42	20.52	33.00	PASS
				1RB#8	22.39	20.49	33.00	PASS
				1RB#14	22.44	20.54	33.00	PASS
			LCH	8RB#0	21.72	19.82	33.00	PASS
				8RB#4	21.73	19.83	33.00	PASS
				8RB#7	21.73	19.83	33.00	PASS
				15RB#0	21.71	19.81	33.00	PASS
				1RB#0	22.43	20.53	33.00	PASS
				1RB#8	22.38	20.48	33.00	PASS
BAND2				1RB#14	22.42	20.52	33.00	PASS
	LTE/TM1	3M	MCH	8RB#0	21.63	19.73	33.00	PASS
				8RB#4	21.63	19.73	33.00	PASS
				8RB#7	21.62	19.72	33.00	PASS
				15RB#0	21.62	19.72	33.00	PASS
				1RB#0	22.3	20.4	33.00	PASS
				1RB#8	22.22	20.32	33.00	PASS
				1RB#14	22.29	20.39	33.00	PASS
			НСН	8RB#0	21.5	19.6	33.00	PASS
				8RB#4	21.51	19.61	33.00	PASS
				8RB#7	21.51	19.61	33.00	PASS
				15RB#0	21.49	19.59	33.00	PASS



Report No.: SZEM180100088201

Page: 6 of 122

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				1RB#0	21.67	19.77	33.00	PASS
				1RB#8	21.59	19.69	33.00	PASS
				1RB#14	21.63	19.73	33.00	PASS
			LCH	8RB#0	20.74	18.84	33.00	PASS
				8RB#4	20.74	18.84	33.00	PASS
				8RB#7	20.73	18.83	33.00	PASS
				15RB#0	20.72	18.82	33.00	PASS
				1RB#0	21.64	19.74	33.00	PASS
				1RB#8	21.54	19.64	33.00	PASS
BAND2				1RB#14	21.57	19.67	33.00	PASS
	LTE/TM2	3M	MCH	8RB#0	20.61	18.71	33.00	PASS
				8RB#4	20.61	18.71	33.00	PASS
				8RB#7	20.62	18.72	33.00	PASS
				15RB#0	20.54	18.64	33.00	PASS
				1RB#0	21.22	19.32	33.00	PASS
				1RB#8	21.17	19.27	33.00	PASS
				1RB#14	21.18	19.28	33.00	PASS
			НСН	8RB#0	20.5	18.6	33.00	PASS
				8RB#4	20.49	18.59	33.00	PASS
				8RB#7	20.51	18.61	33.00	PASS
				15RB#0	20.4	18.5	33.00	PASS



Report No.: SZEM180100088201

Page: 7 of 122

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				1RB#0	22.6	20.7	33.00	PASS
				1RB#12	22.58	20.68	33.00	PASS
				1RB#24	22.55	20.65	33.00	PASS
			LCH	12RB#0	21.63	19.73	33.00	PASS
				12RB#6	21.63	19.73	33.00	PASS
				12RB#13	21.64	19.74	33.00	PASS
				25RB#0	21.64	19.74	33.00	PASS
				1RB#0	22.5	20.6	33.00	PASS
				1RB#12	22.46	20.56	33.00	PASS
BAND2				1RB#24	22.44	20.54	33.00	PASS
	LTE/TM1	5M	MCH	12RB#0	21.56	19.66	33.00	PASS
				12RB#6	21.55	19.65	33.00	PASS
				12RB#13	21.54	19.64	33.00	PASS
				25RB#0	21.56	19.66	33.00	PASS
				1RB#0	22.35	20.45	33.00	PASS
				1RB#12	22.31	20.41	33.00	PASS
				1RB#24	22.3	20.4	33.00	PASS
			HCH	12RB#0	21.41	19.51	33.00	PASS
				12RB#6	21.39	19.49	33.00	PASS
				12RB#13	21.42	19.52	33.00	PASS
				25RB#0	21.4	19.5	33.00	PASS



Report No.: SZEM180100088201

Page: 8 of 122

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				1RB#0	21.61	19.71	33.00	PASS
				1RB#12	21.6	19.7	33.00	PASS
				1RB#24	21.58	19.68	33.00	PASS
			LCH	12RB#0	20.63	18.73	33.00	PASS
				12RB#6	20.63	18.73	33.00	PASS
				12RB#13	20.64	18.74	33.00	PASS
				25RB#0	20.67	18.77	33.00	PASS
				1RB#0	21.54	19.64	33.00	PASS
BAND2 LTE				1RB#12	21.49	19.59	33.00	PASS
				1RB#24	21.5	19.6	33.00	PASS
	LTE/TM2	5M	MCH	12RB#0	20.52	18.62	33.00	PASS
				12RB#6	20.52	18.62	33.00	PASS
				12RB#13	20.52	18.62	33.00	PASS
				25RB#0	20.55	18.65	33.00	PASS
				1RB#0	21.55	19.65	33.00	PASS
				1RB#12	21.52	19.62	33.00	PASS
				1RB#24	21.49	19.59	33.00	PASS
			HCH	12RB#0	20.41	18.51	33.00	PASS
				12RB#6	20.41	18.51	33.00	PASS
				12RB#13	20.45	18.55	33.00	PASS
				25RB#0	20.38	18.48	33.00	PASS



Report No.: SZEM180100088201

Page: 9 of 122

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				1RB#0	22.67	20.77	33.00	PASS
				1RB#24	22.62	20.72	33.00	PASS
				1RB#49	22.65	20.75	33.00	PASS
			LCH	25RB#0	21.62	19.72	33.00	PASS
				25RB#12	21.61	19.71	33.00	PASS
				25RB#25	21.69	19.79	33.00	PASS
				50RB#0	21.64	19.74	33.00	PASS
				1RB#0	22.55	20.65	33.00	PASS
				1RB#24	22.5	20.6	33.00	PASS
BAND2				1RB#49	22.51	20.61	33.00	PASS
	LTE/TM1	10M	МСН	25RB#0	21.58	19.68	33.00	PASS
				25RB#12	21.59	19.69	33.00	PASS
				25RB#25	21.59	19.69	33.00	PASS
				50RB#0	21.59	19.69	33.00	PASS
				1RB#0	22.46	20.56	33.00	PASS
				1RB#24	22.4	20.5	33.00	PASS
				1RB#49	22.41	20.51	33.00	PASS
			НСН	25RB#0	21.52	19.62	33.00	PASS
				25RB#12	21.52	19.62	33.00	PASS
				25RB#25	21.46	19.56	33.00	PASS
				50RB#0	21.49	19.59	33.00	PASS



Report No.: SZEM180100088201

Page: 10 of 122

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				1RB#0	21.61	19.71	33.00	PASS
				1RB#24	21.58	19.68	33.00	PASS
				1RB#49	21.58	19.68	33.00	PASS
			LCH	25RB#0	20.64	18.74	33.00	PASS
				25RB#12	20.65	18.75	33.00	PASS
				25RB#25	20.69	18.79	33.00	PASS
				50RB#0	20.64	18.74	33.00	PASS
				1RB#0	21.79	19.89	33.00	PASS
				1RB#24	21.76	19.86	33.00	PASS
BAND2				1RB#49	21.72	19.82	33.00	PASS
	LTE/TM2	10M	MCH	25RB#0	20.56	18.66	33.00	PASS
				25RB#12	20.56	18.66	33.00	PASS
				25RB#25	20.55	18.65	33.00	PASS
				50RB#0	20.56	18.66	33.00	PASS
				1RB#0	21.68	19.78	33.00	PASS
				1RB#24	21.63	19.73	33.00	PASS
				1RB#49	21.59	19.69	33.00	PASS
			НСН	25RB#0	20.57	18.67	33.00	PASS
				25RB#12	20.57	18.67	33.00	PASS
				25RB#25	20.48	18.58	33.00	PASS
				50RB#0	20.52	18.62	33.00	PASS



Report No.: SZEM180100088201

Page: 11 of 122

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				1RB#0	22.7	20.8	33.00	PASS
				1RB#38	22.51	20.61	33.00	PASS
				1RB#74	22.57	20.67	33.00	PASS
			LCH	36RB#0	21.9	20	33.00	PASS
				36RB#18	21.74	19.84	33.00	PASS
				36RB#39	21.79	19.89	33.00	PASS
				75RB#0	21.68	19.78	33.00	PASS
				1RB#0	22.71	20.81	33.00	PASS
				1RB#38	22.5	20.6	33.00	PASS
BAND2				1RB#74	22.58	20.68	33.00	PASS
	LTE/TM1	15M	MCH	36RB#0	22.01	20.11	33.00	PASS
				36RB#18	21.83	19.93	33.00	PASS
				36RB#39	21.85	19.95	33.00	PASS
				75RB#0	21.66	19.76	33.00	PASS
				1RB#0	22.62	20.72	33.00	PASS
				1RB#38	22.44	20.54	33.00	PASS
				1RB#74	22.46	20.56	33.00	PASS
			HCH	36RB#0	21.55	19.65	33.00	PASS
				36RB#18	21.38	19.48	33.00	PASS
				36RB#39	21.38	19.48	33.00	PASS
				75RB#0	21.62	19.72	33.00	PASS



Report No.: SZEM180100088201

Page: 12 of 122

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				1RB#0	21.89	19.99	33.00	PASS
				1RB#38	21.73	19.83	33.00	PASS
				1RB#74	21.78	19.88	33.00	PASS
			LCH	36RB#0	21.91	20.01	33.00	PASS
				36RB#18	21.75	19.85	33.00	PASS
				36RB#39	21.8	19.9	33.00	PASS
				75RB#0	20.61	18.71	33.00	PASS
				1RB#0	21.99	20.09	33.00	PASS
				1RB#38	21.83	19.93	33.00	PASS
BAND2				1RB#74	21.85	19.95	33.00	PASS
	LTE/TM2	15M	MCH	36RB#0	21.82	19.92	33.00	PASS
				36RB#18	21.83	19.93	33.00	PASS
				36RB#39	21.86	19.96	33.00	PASS
				75RB#0	20.64	18.74	33.00	PASS
				1RB#0	21.54	19.64	33.00	PASS
				1RB#38	21.39	19.49	33.00	PASS
				1RB#74	21.38	19.48	33.00	PASS
			HCH	36RB#0	21.54	19.64	33.00	PASS
				36RB#18	21.39	19.49	33.00	PASS
				36RB#39	21.38	19.48	33.00	PASS
				75RB#0	20.57	18.67	33.00	PASS



Report No.: SZEM180100088201

Page: 13 of 122

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				1RB#0	22.99	21.09	33.00	PASS
				1RB#49	22.68	20.78	33.00	PASS
				1RB#99	22.83	20.93	33.00	PASS
			LCH	50RB#0	21.62	19.72	33.00	PASS
				50RB#25	21.62	19.72	33.00	PASS
				50RB#50	21.61	19.71	33.00	PASS
				100RB#0	21.6	19.7	33.00	PASS
				1RB#0	22.69	20.79	33.00	PASS
				1RB#49	22.44	20.54	33.00	PASS
BAND2				1RB#99	22.59	20.69	33.00	PASS
	LTE/TM1	20M	MCH	50RB#0	21.81	19.91	33.00	PASS
				50RB#25	21.81	19.91	33.00	PASS
				50RB#50	21.67	19.77	33.00	PASS
				100RB#0	21.75	19.85	33.00	PASS
				1RB#0	22.78	20.88	33.00	PASS
				1RB#49	22.51	20.61	33.00	PASS
				1RB#99	22.63	20.73	33.00	PASS
			НСН	50RB#0	21.72	19.82	33.00	PASS
				50RB#25	21.72	19.82	33.00	PASS
				50RB#50	21.48	19.58	33.00	PASS
				100RB#0	21.62	19.72	33.00	PASS



Report No.: SZEM180100088201

Page: 14 of 122

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
	LTE/TM2	ΤΕ/TM2 20M	LСН	1RB#0	22.03	20.13	33.00	PASS
				1RB#49	21.81	19.91	33.00	PASS
				1RB#99	21.93	20.03	33.00	PASS
				50RB#0	20.62	18.72	33.00	PASS
				50RB#25	20.62	18.72	33.00	PASS
				50RB#50	20.61	18.71	33.00	PASS
				100RB#0	20.6	18.7	33.00	PASS
			MCH	1RB#0	21.82	19.92	33.00	PASS
				1RB#49	21.6	19.7	33.00	PASS
BAND2				1RB#99	21.69	19.79	33.00	PASS
				50RB#0	20.83	18.93	33.00	PASS
				50RB#25	20.84	18.94	33.00	PASS
				50RB#50	20.7	18.8	33.00	PASS
				100RB#0	20.72	18.82	33.00	PASS
			НСН	1RB#0	21.78	19.88	33.00	PASS
				1RB#49	21.57	19.67	33.00	PASS
				1RB#99	21.62	19.72	33.00	PASS
				50RB#0	20.72	18.82	33.00	PASS
				50RB#25	20.71	18.81	33.00	PASS
				50RB#50	20.47	18.57	33.00	PASS
				100RB#0	20.61	18.71	33.00	PASS

Note

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

EIRP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBi]

b: SGP=Signal Generator Level

[&]quot;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/Terms-and-Conditi



Report No.: SZEM180100088201

Page: 15 of 122

2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
Band 2	TM1/20M	LCH	5.16	13	PASS
		MCH	5.16	13	PASS
		HCH	5.04	13	PASS
	TM2/20M	LCH	6.14	13	PASS
		MCH	6.09	13	PASS
		HCH	5.94	13	PASS



Report No.: SZEM180100088201

Page: 16 of 122

Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band2

2.1.1.1 Test Mode = LTE/TM1.Bandwidth=20MHz

2.1.1.1.1 Test Channel = LCH



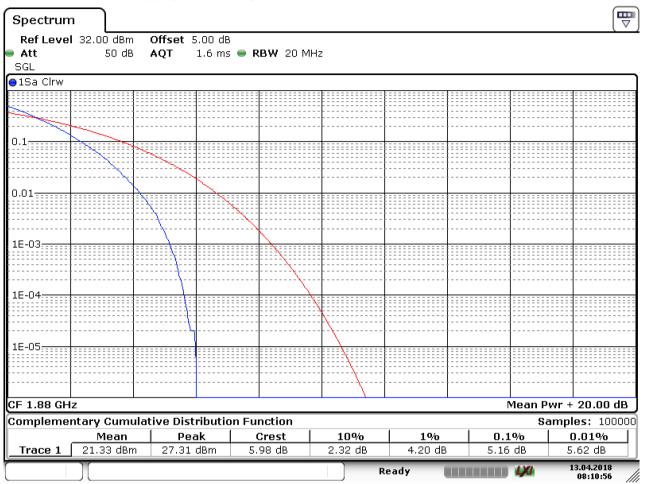
Date: 13.APR.2018 08:07:54



Report No.: SZEM180100088201

Page: 17 of 122

2.1.1.1.2 Test Channel = MCH



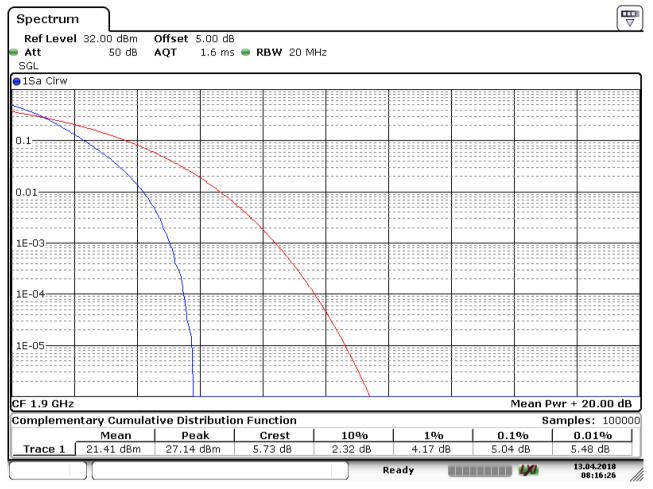
Date: 13.APR.2018 08:10:57



Report No.: SZEM180100088201

Page: 18 of 122

2.1.1.1.3 Test Channel = HCH



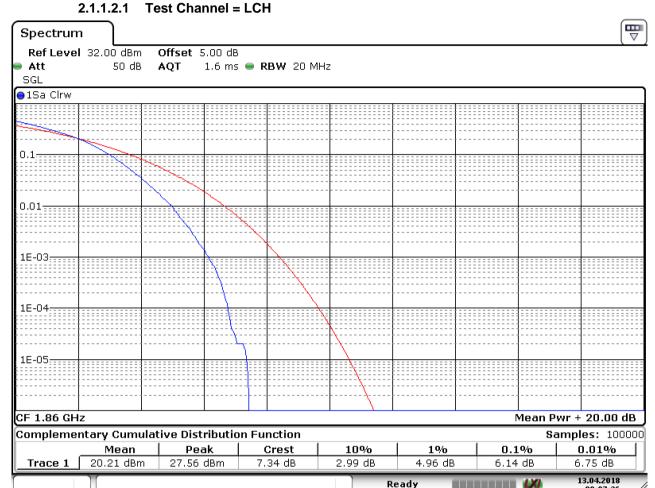
Date: 13.APR.2018 08:16:26



Report No.: SZEM180100088201

Page: 19 of 122

2.1.1.2 Test Mode = LTE/TM2.Bandwidth=20MHz



Date: 13.APR.2018 08:07:37



Report No.: SZEM180100088201

Page: 20 of 122

2.1.1.2.2 Test Channel = MCH



Date: 13.APR.2018 08:13:42



Report No.: SZEM180100088201

Page: 21 of 122

2.1.1.2.3 Test Channel = HCH



Date: 13.APR.2018 08:14:06



Report No.: SZEM180100088201

Page: 22 of 122

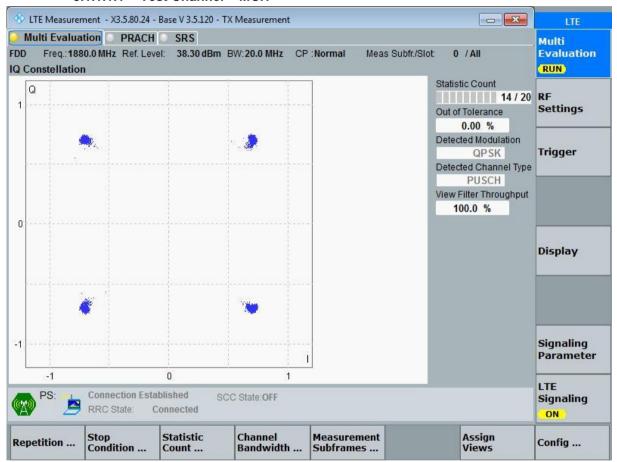
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE band2

3.1.1.1 Test Mode = LTE /TM1 20MHz

3.1.1.1.1 Test Channel = MCH



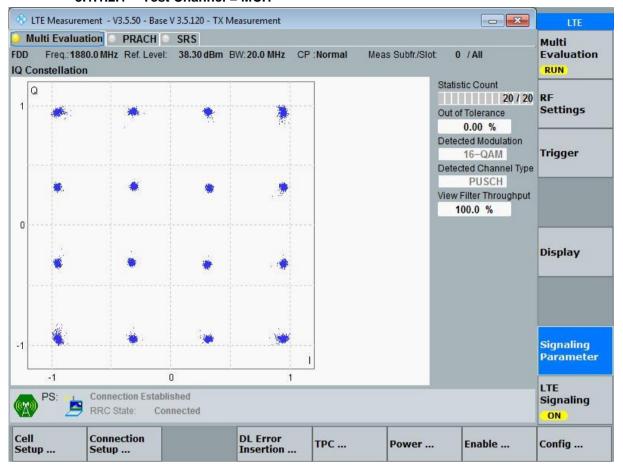


Report No.: SZEM180100088201

Page: 23 of 122

3.1.1.2 Test Mode = LTE /TM2 20MHz

3.1.1.2.1 Test Channel = MCH





Report No.: SZEM180100088201

Page: 24 of 122

4 Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		LCH	1.097	1.271	PASS
	TM1/1.4MHz	MCH	1.094	1.268	PASS
		HCH	1.097	1.271	PASS
		LCH	1.094	1.274	PASS
	TM2/1.4MHz	MCH	1.097	1.282	PASS
		HCH	1.088	1.247	PASS
		LCH	2.685	2.913	PASS
	TM1/3MHz	MCH	2.685	2.925	PASS
		HCH	2.691	2.907	PASS
		LCH	2.679	2.919	PASS
	TM2/3MHz	MCH	2.685	2.919	PASS
		HCH	2.679	2.919	PASS
	TM1/5MHz	LCH	4.456	4.825	PASS
		MCH	4.466	4.915	PASS
		HCH	4.486	4.955	PASS
	TM2/ 5MHz	LCH	4.486	4.985	PASS
		MCH	4.466	4.975	PASS
		HCH	4.466	4.935	PASS
Band 2	TM1/10MHz	LCH	8.951	9.830	PASS
		MCH	8.951	9.770	PASS
		HCH	8.931	9.670	PASS
		LCH	8.911	9.650	PASS
	TM2/ 10MHz	MCH	8.931	9.730	PASS
		HCH	8.931	9.770	PASS
		LCH	13.427	14.865	PASS
	TM1/ 15MHz	MCH	13.487	14.955	PASS
		HCH	13.457	14.865	PASS
		LCH	13.487	14.895	PASS
	TM2/ 15MHz	MCH	13.487	14.835	PASS
		HCH	13.457	14.835	PASS
		LCH	17.942	19.421	PASS
	TM1/ 20MHz	MCH	17.942	19.381	PASS
		HCH	17.942	19.740	PASS
		LCH	17.942	19.540	PASS
	TM2/ 20MHz	MCH	17.942	19.580	PASS
		HCH	17.902	19.580	PASS



Report No.: SZEM180100088201

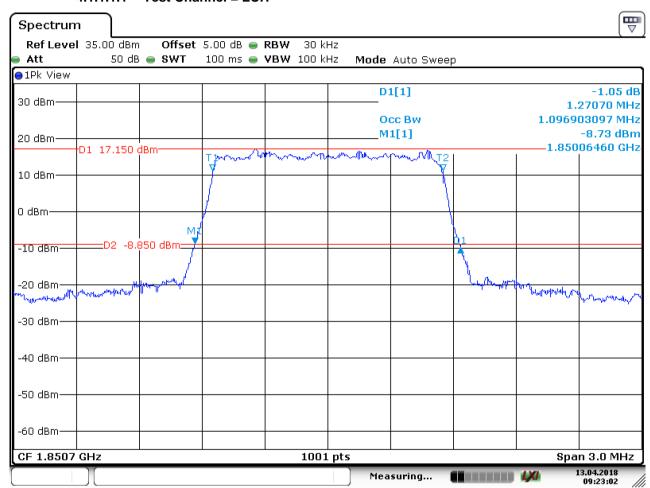
Page: 25 of 122

4.1 For LTE

4.1.1 Test Band = LTE band2

4.1.1.1 Test Mode = LTE/TM1 1.4MHz

4.1.1.1.1 Test Channel = LCH

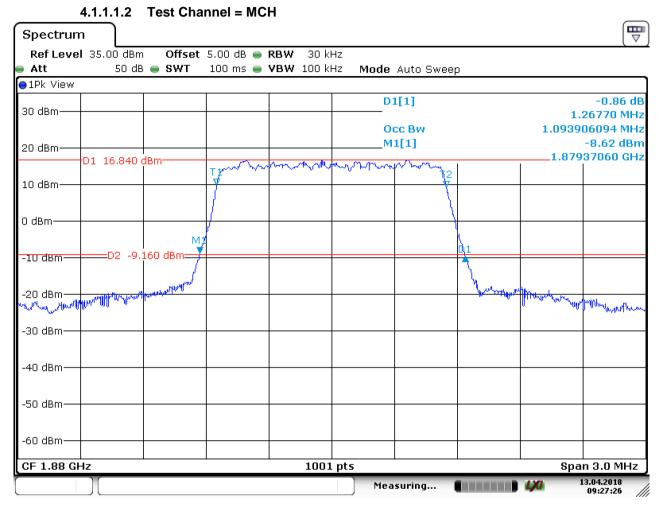


Date: 13.APR.2018 09:23:02



Report No.: SZEM180100088201

Page: 26 of 122



Date: 13.APR.2018 09:27:27



Report No.: SZEM180100088201

Page: 27 of 122



Date: 13.APR.2018 09:28:23

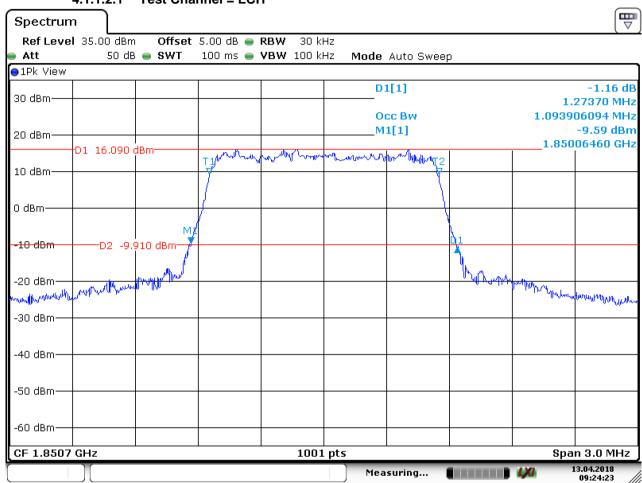


Report No.: SZEM180100088201

Page: 28 of 122

4.1.1.2 Test Mode = LTE/TM2 1.4MHz

4.1.1.2.1 Test Channel = LCH

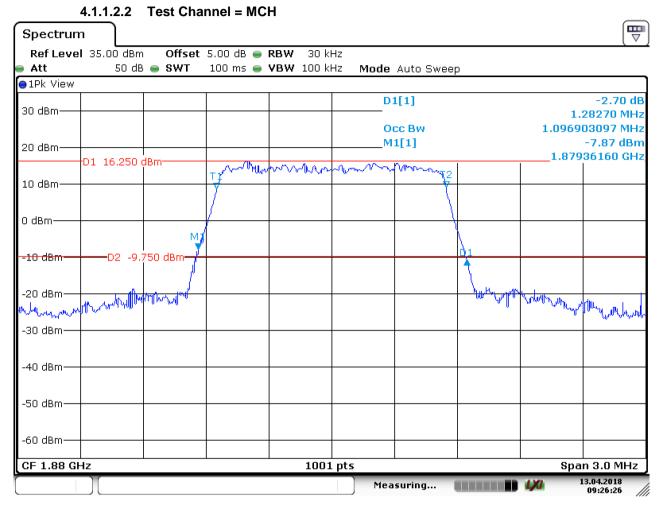


Date: 13.APR.2018 09:24:23



Report No.: SZEM180100088201

Page: 29 of 122

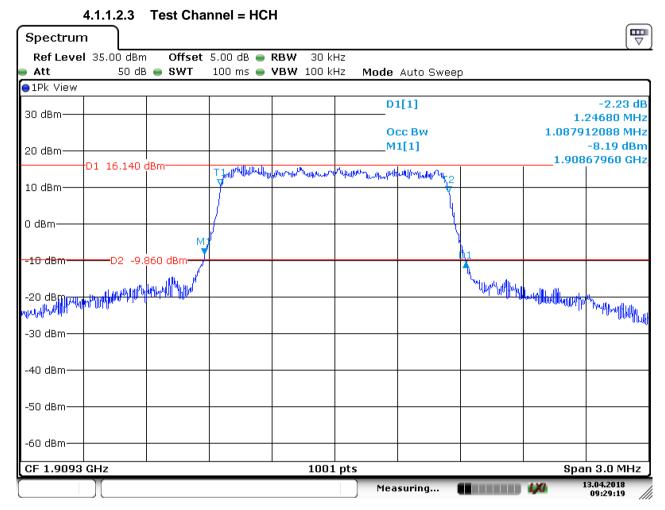


Date: 13.APR.2018 09:26:27



Report No.: SZEM180100088201

Page: 30 of 122



Date: 13.APR.2018 09:29:20

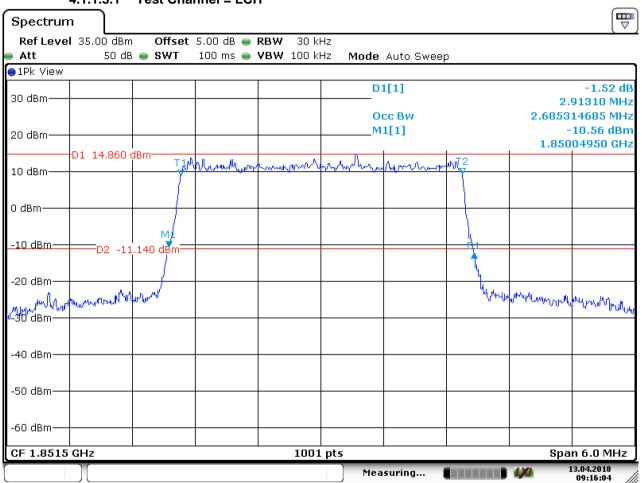


Report No.: SZEM180100088201

Page: 31 of 122

4.1.1.3 Test Mode = LTE/TM1 3MHz

4.1.1.3.1 Test Channel = LCH

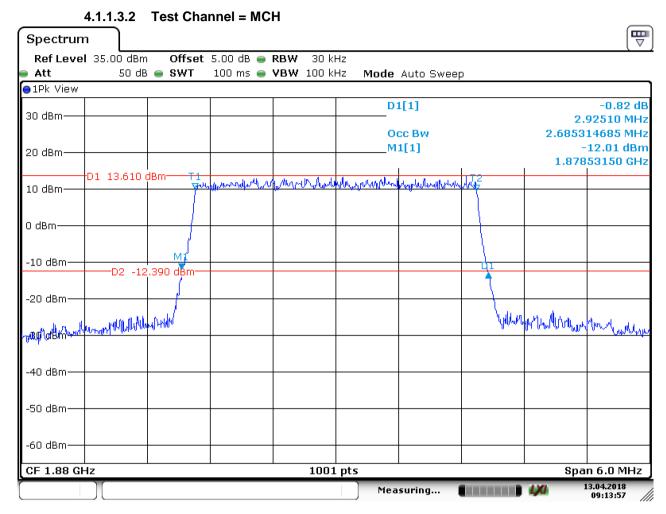


Date: 13.APR.2018 09:16:05



Report No.: SZEM180100088201

Page: 32 of 122

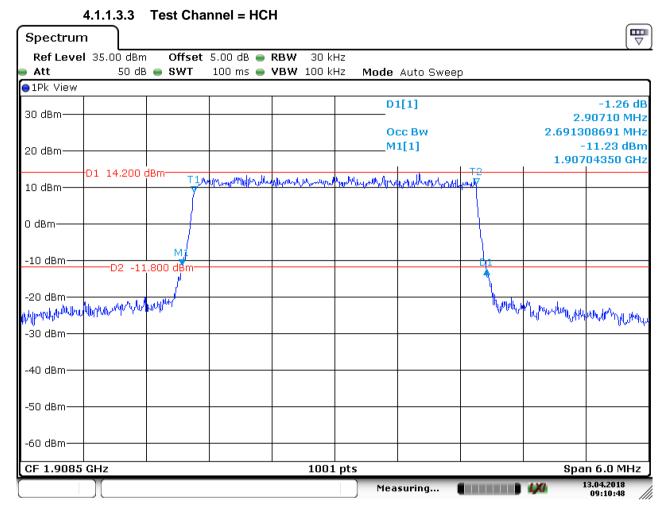


Date: 13.APR.2018 09:13:57



Report No.: SZEM180100088201

Page: 33 of 122



Date: 13.APR.2018 09:10:49

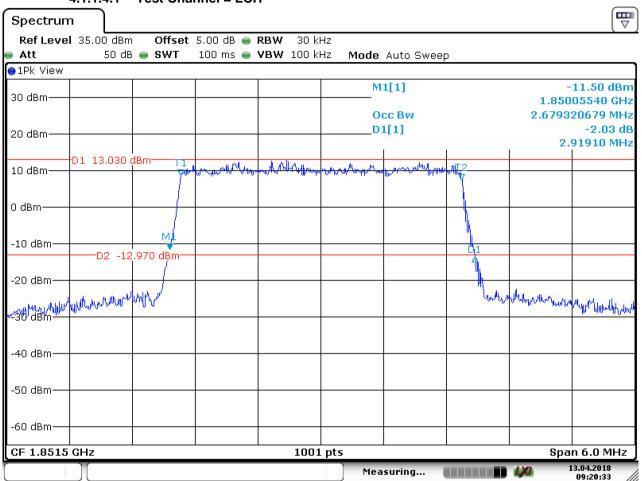


Report No.: SZEM180100088201

Page: 34 of 122

4.1.1.4 Test Mode = LTE/TM2 3MHz

4.1.1.4.1 Test Channel = LCH

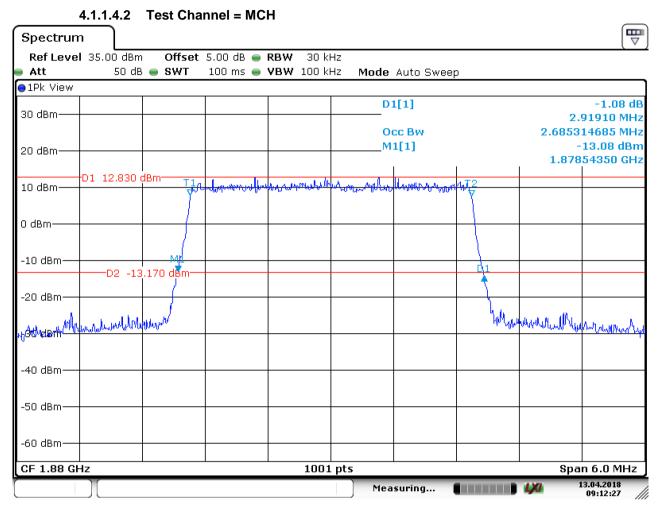


Date: 13.APR.2018 09:20:33



Report No.: SZEM180100088201

Page: 35 of 122

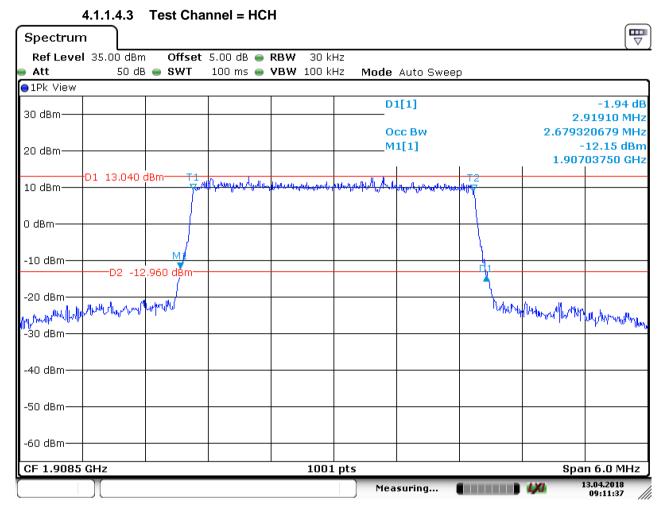


Date: 13.APR.2018 09:12:27



Report No.: SZEM180100088201

Page: 36 of 122



Date: 13.APR.2018 09:11:37

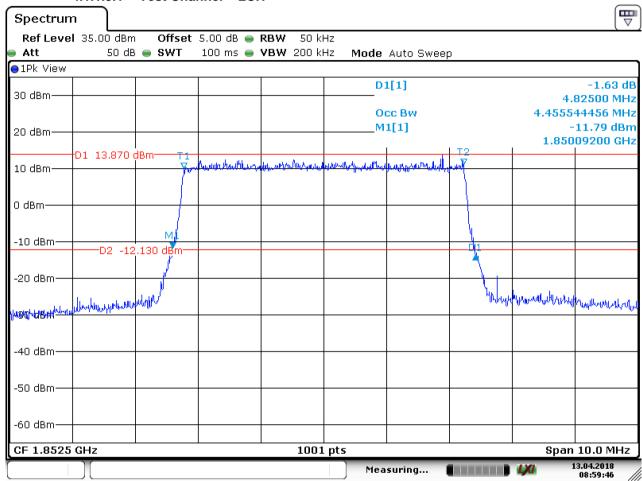


Report No.: SZEM180100088201

Page: 37 of 122

4.1.1.5 Test Mode = LTE/TM1 5MHz

4.1.1.5.1 Test Channel = LCH

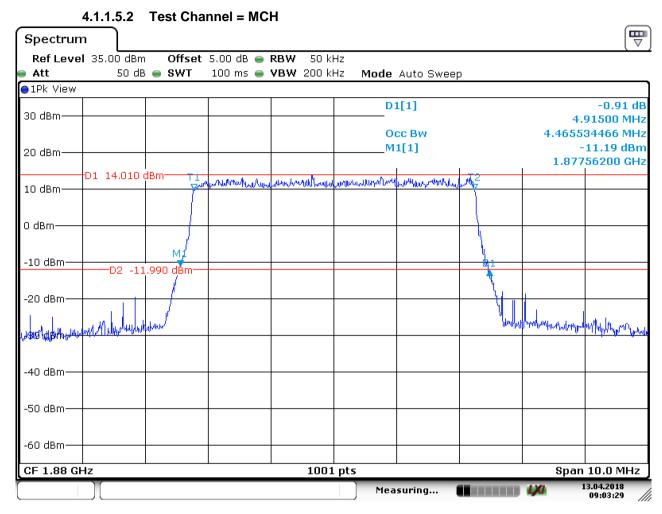


Date: 13.APR.2018 08:59:46



Report No.: SZEM180100088201

Page: 38 of 122

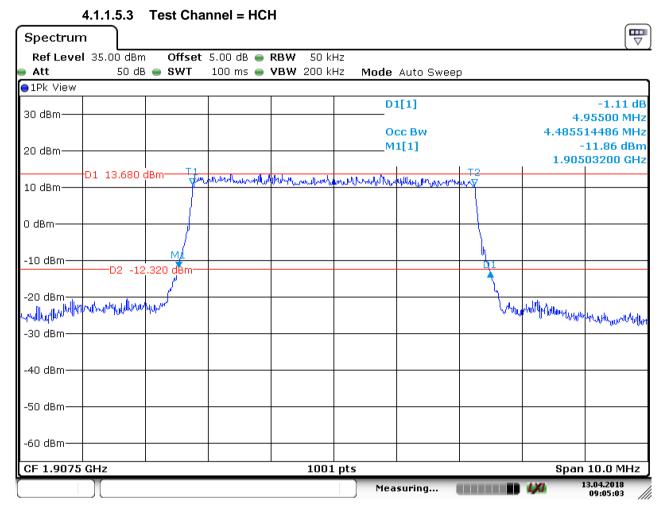


Date: 13.APR.2018 09:03:30



Report No.: SZEM180100088201

Page: 39 of 122



Date: 13.APR.2018 09:05:03

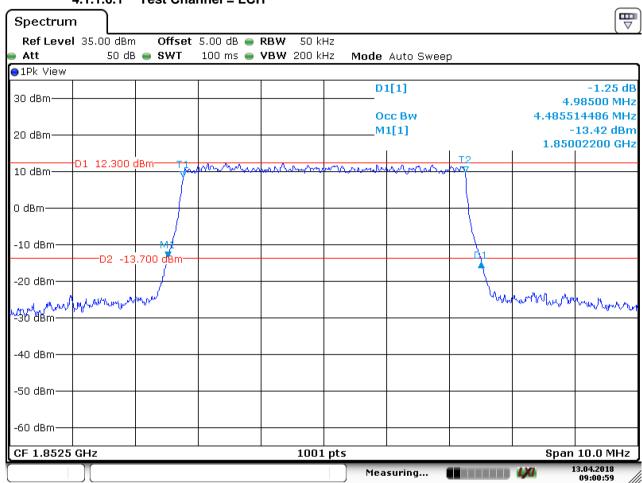


Report No.: SZEM180100088201

Page: 40 of 122

4.1.1.6 Test Mode = LTE/TM2 5MHz

4.1.1.6.1 Test Channel = LCH

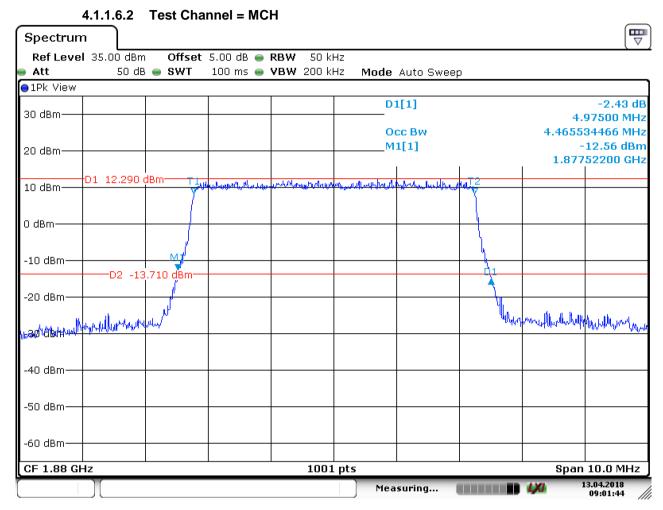


Date: 13.APR.2018 09:01:00



Report No.: SZEM180100088201

Page: 41 of 122

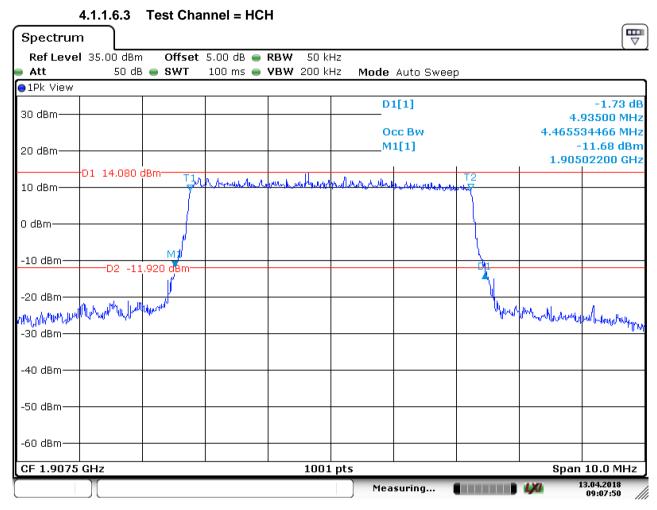


Date: 13.APR.2018 09:01:44



Report No.: SZEM180100088201

Page: 42 of 122



Date: 13.APR.2018 09:07:51

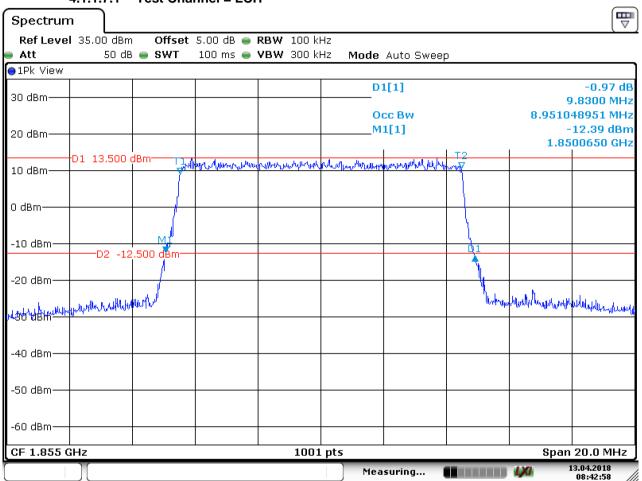


Report No.: SZEM180100088201

Page: 43 of 122

4.1.1.7 Test Mode = LTE/TM1 10MHz

4.1.1.7.1 Test Channel = LCH

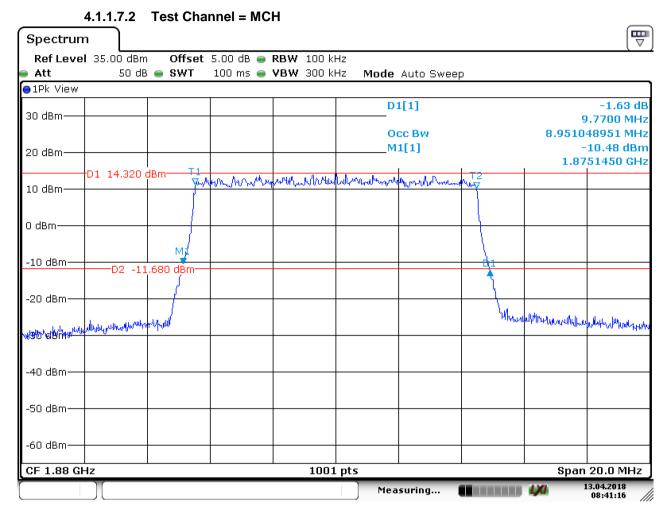


Date: 13.APR.2018 08:42:58



Report No.: SZEM180100088201

Page: 44 of 122

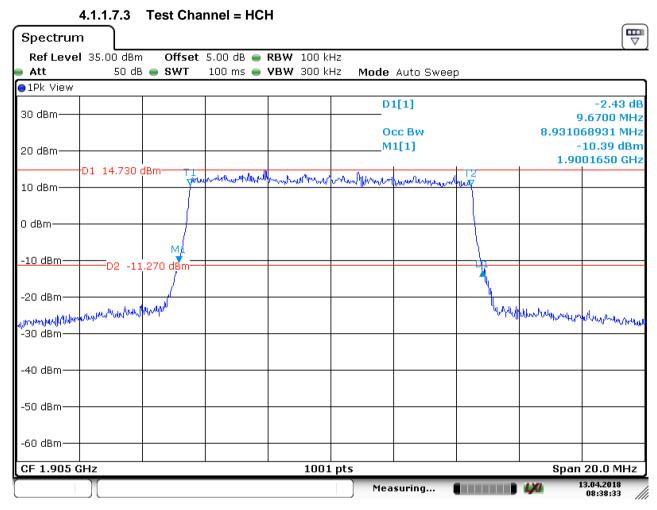


Date: 13.APR.2018 08:41:17



Report No.: SZEM180100088201

Page: 45 of 122



Date: 13.APR.2018 08:38:33

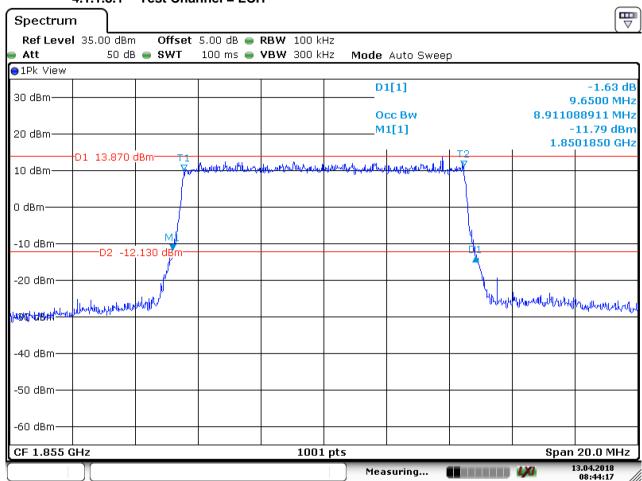


Report No.: SZEM180100088201

Page: 46 of 122

4.1.1.8 Test Mode = LTE/TM2 10MHz

4.1.1.8.1 Test Channel = LCH

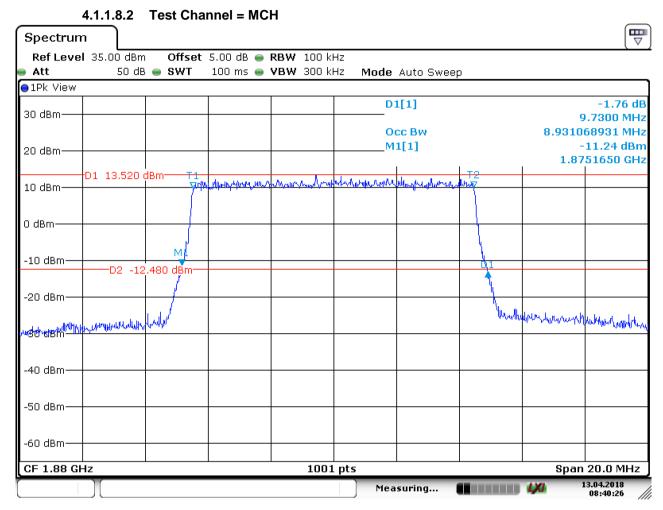


Date: 13.APR.2018 08:44:17



Report No.: SZEM180100088201

Page: 47 of 122

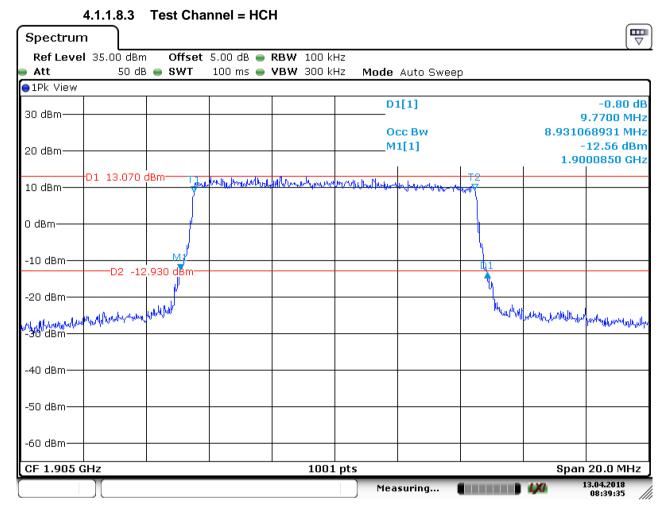


Date: 13.APR.2018 08:40:27



Report No.: SZEM180100088201

Page: 48 of 122



Date: 13.APR.2018 08:39:35

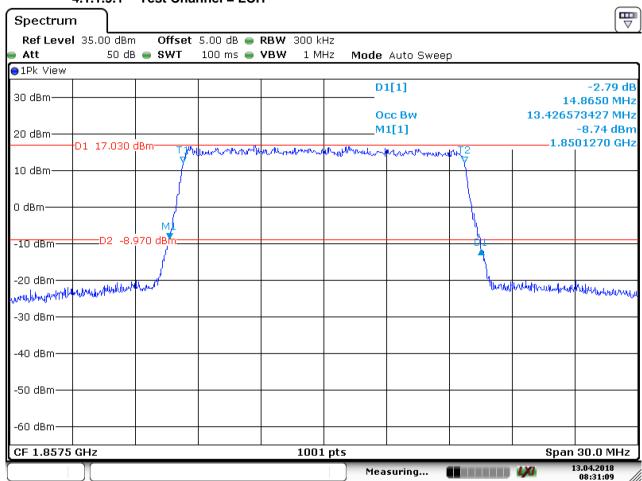


Report No.: SZEM180100088201

Page: 49 of 122

4.1.1.9 Test Mode = LTE/TM1 15MHz

4.1.1.9.1 Test Channel = LCH

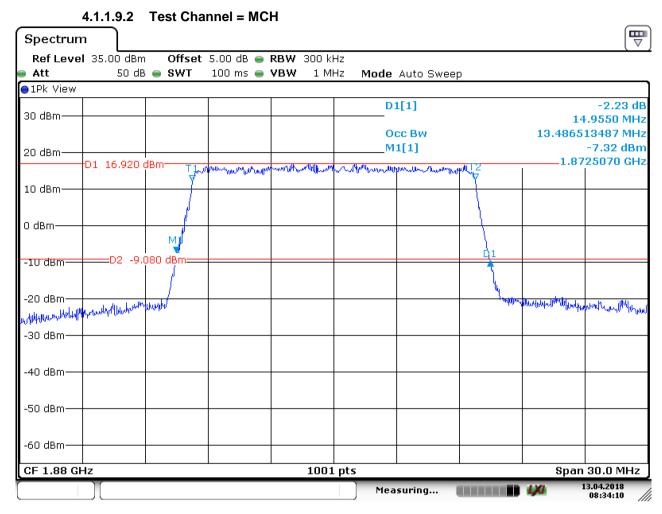


Date: 13.APR.2018 08:31:09



Report No.: SZEM180100088201

Page: 50 of 122

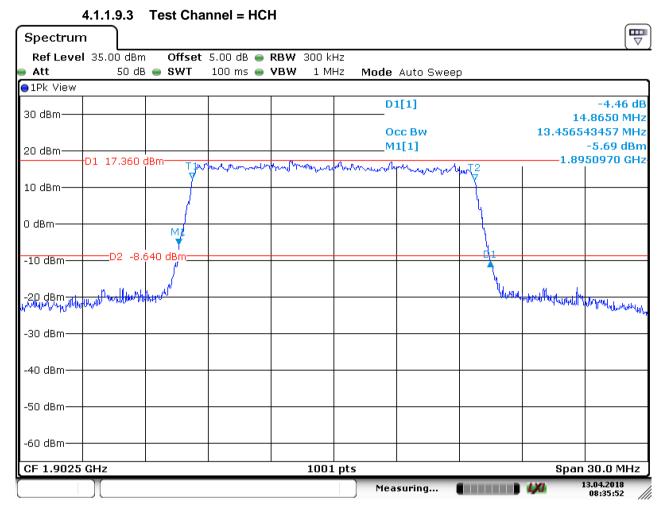


Date: 13.APR.2018 08:34:11



Report No.: SZEM180100088201

Page: 51 of 122



Date: 13.APR.2018 08:35:52

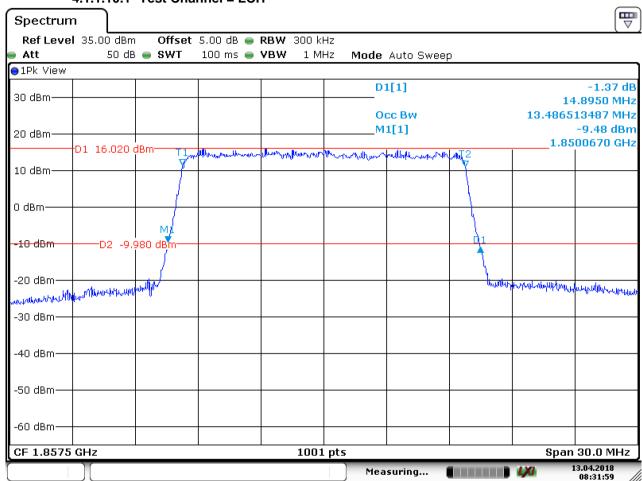


Report No.: SZEM180100088201

Page: 52 of 122

4.1.1.10 Test Mode = LTE/TM2 15MHz

4.1.1.10.1 Test Channel = LCH

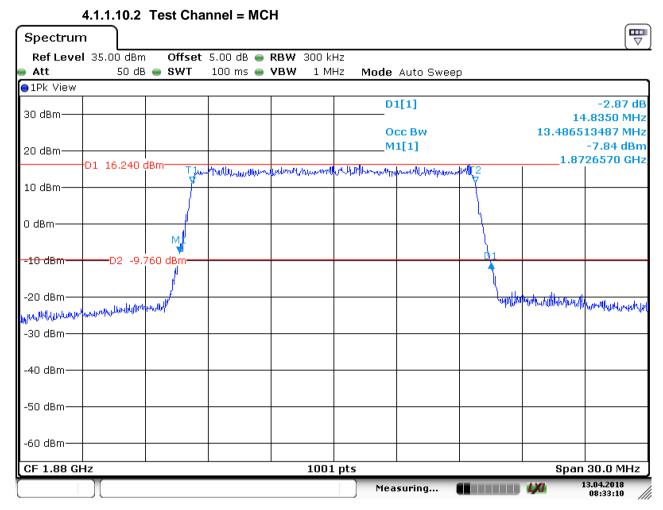


Date: 13.APR.2018 08:32:00



Report No.: SZEM180100088201

Page: 53 of 122

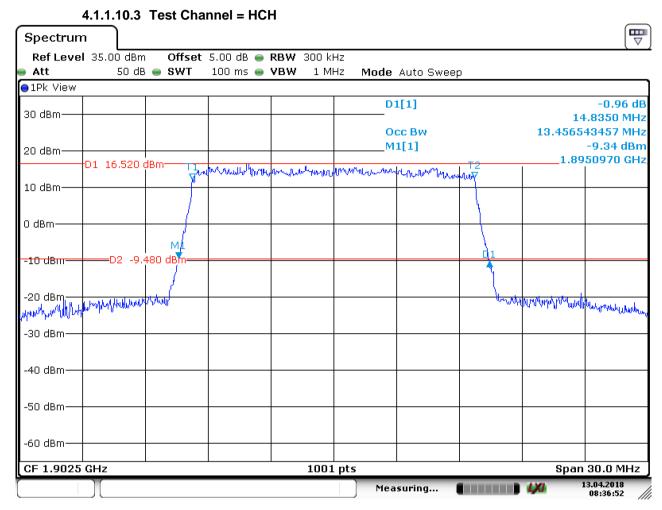


Date: 13.APR.2018 08:33:11



Report No.: SZEM180100088201

Page: 54 of 122



Date: 13.APR.2018 08:36:51

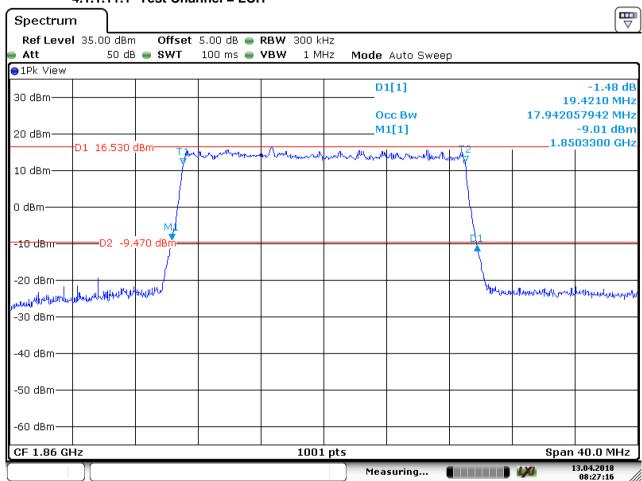


Report No.: SZEM180100088201

Page: 55 of 122

4.1.1.11 Test Mode = LTE/TM1 20MHz

4.1.1.11.1 Test Channel = LCH

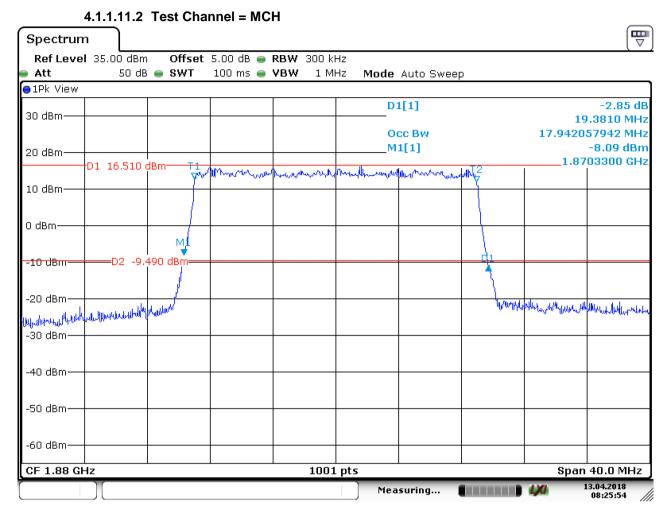


Date: 13.APR.2018 08:27:16



Report No.: SZEM180100088201

Page: 56 of 122

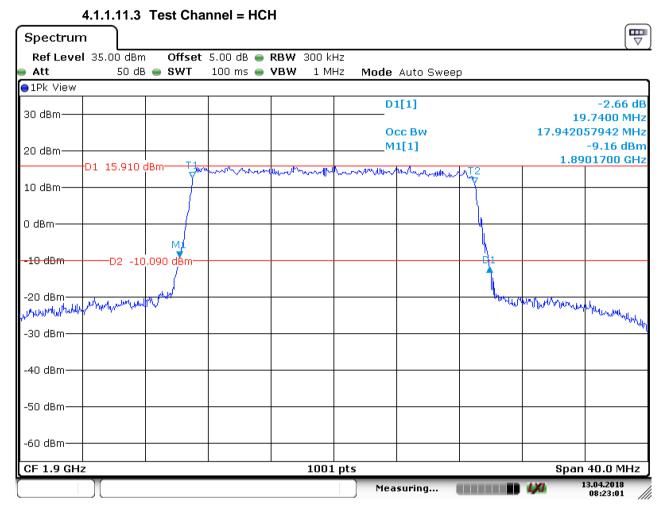


Date: 13.APR.2018 08:25:55



Report No.: SZEM180100088201

Page: 57 of 122



Date: 13.APR.2018 08:23:01

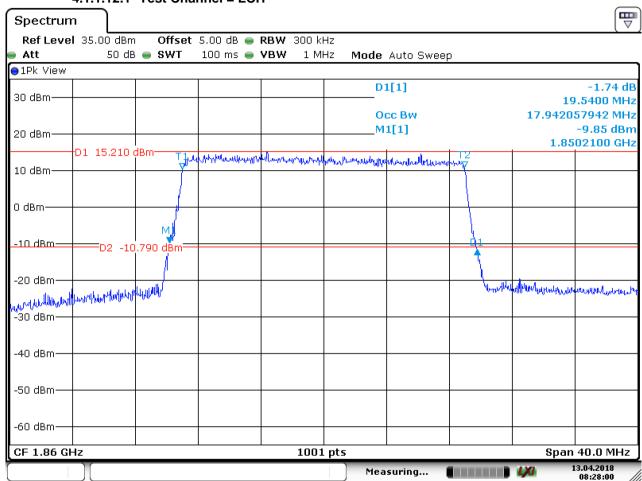


Report No.: SZEM180100088201

Page: 58 of 122

4.1.1.12 Test Mode = LTE/TM2 20MHz

4.1.1.12.1 Test Channel = LCH

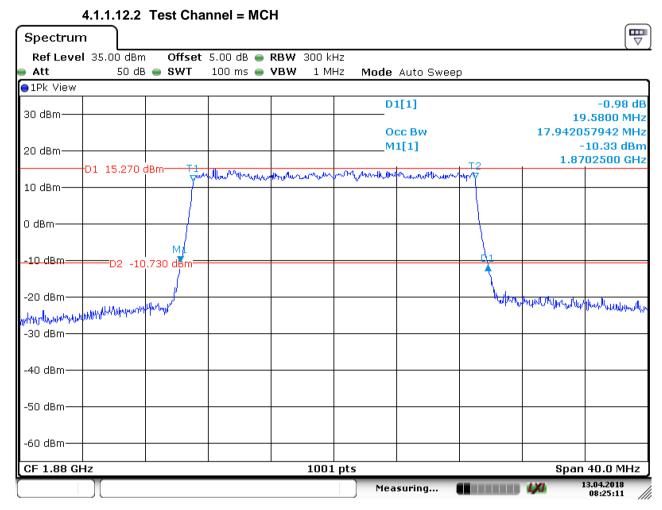


Date: 13.APR.2018 08:28:01



Report No.: SZEM180100088201

Page: 59 of 122

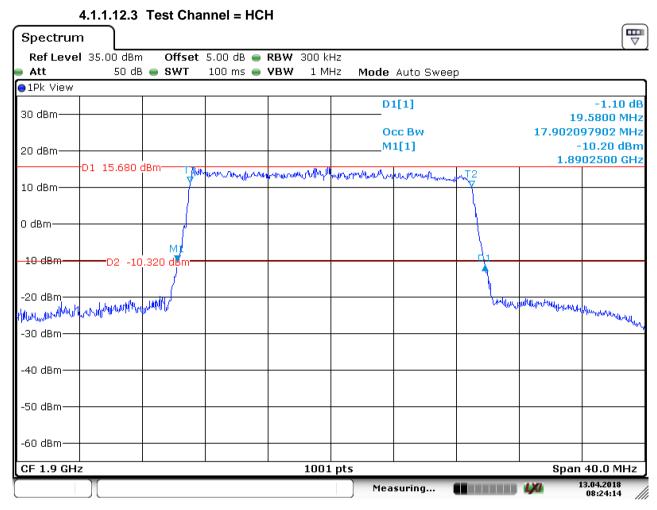


Date: 13.APR.2018 08:25:11



Report No.: SZEM180100088201

Page: 60 of 122



Date: 13.APR.2018 08:24:15



Report No.: SZEM180100088201

Page: 61 of 122

5 Band Edges Compliance

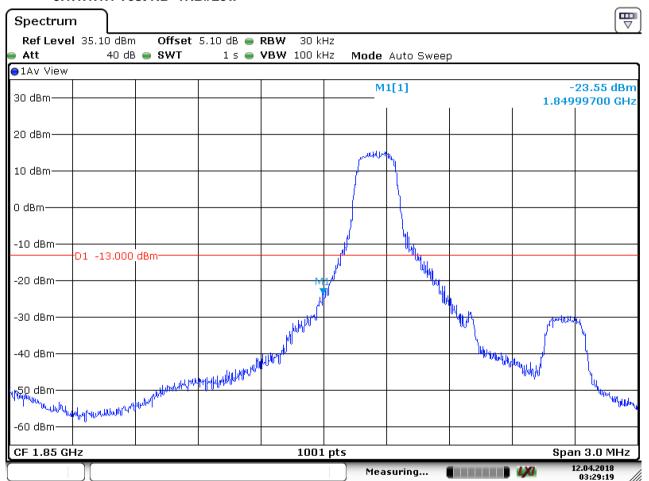
5.1 For LTE

5.1.1 Test Band = LTE band2

5.1.1.1 Test Mode = LTE/TM1 1.4MHz

5.1.1.1.1 Test Channel = LCH

5.1.1.1.1 Test RB=1RB#Low



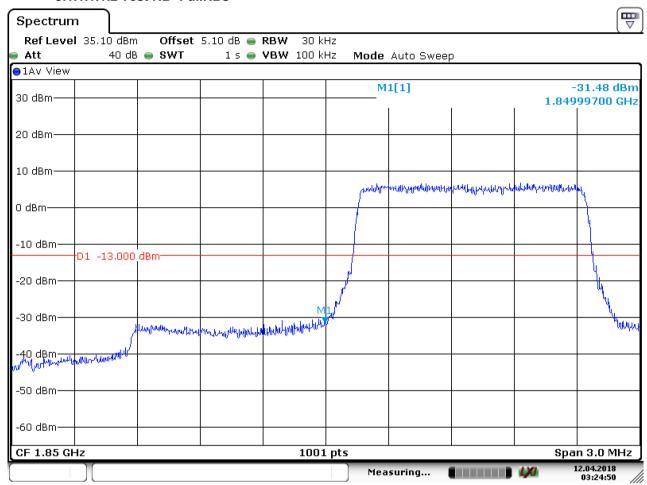
Date: 12.APR.2018 03:29:19



Report No.: SZEM180100088201

Page: 62 of 122

5.1.1.1.1.2 Test RB=FullRBs



Date: 12.APR.2018 03:24:51

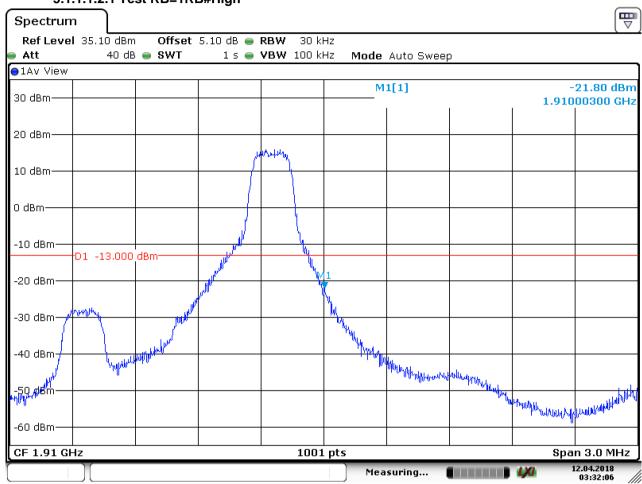


Report No.: SZEM180100088201

Page: 63 of 122

5.1.1.1.2 Test Channel = HCH

5.1.1.1.2.1 Test RB=1RB#High

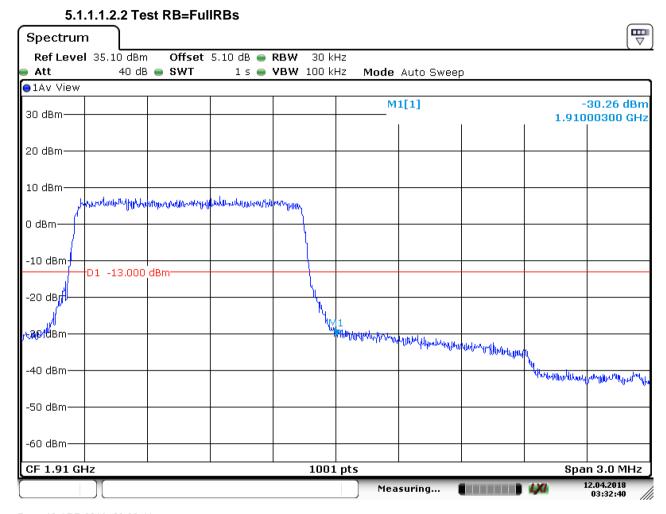


Date: 12.APR.2018 03:32:06



Report No.: SZEM180100088201

Page: 64 of 122



Date: 12.APR.2018 03:32:41

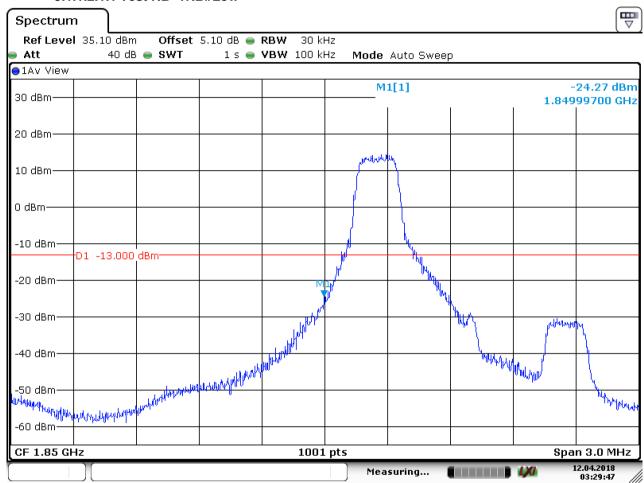


Report No.: SZEM180100088201

Page: 65 of 122

5.1.1.2 Test Mode = LTE/TM2 1.4MHz 5.1.1.2.1 Test Channel = LCH

5.1.1.2.1.1 Test RB=1RB#Low



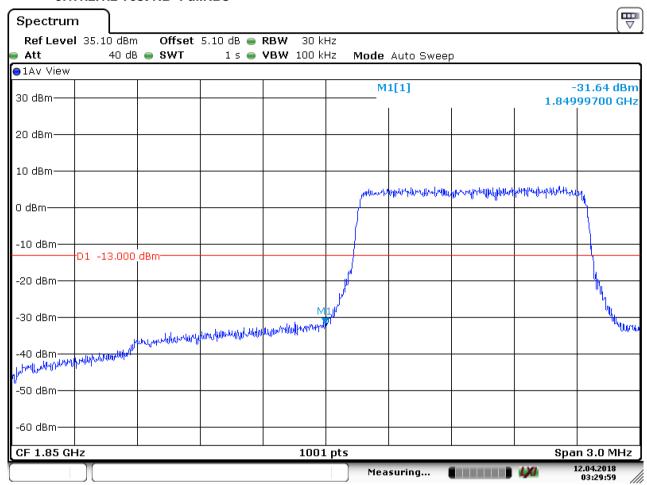
Date: 12.APR.2018 03:29:47



Report No.: SZEM180100088201

Page: 66 of 122

5.1.1.2.1.2 Test RB=FullRBs



Date: 12.APR.2018 03:29:59

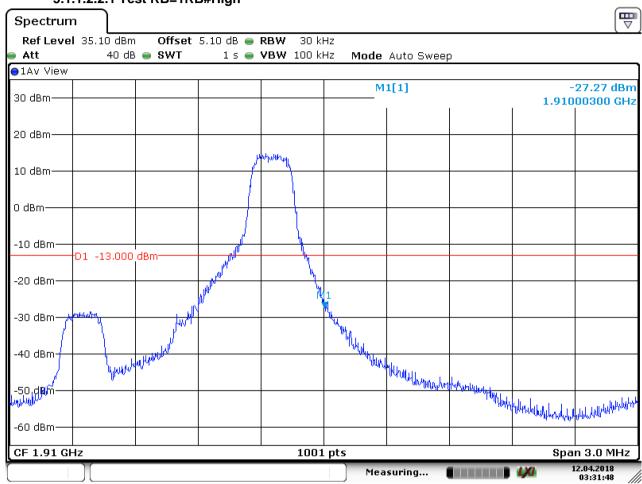


Report No.: SZEM180100088201

Page: 67 of 122

5.1.1.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB=1RB#High



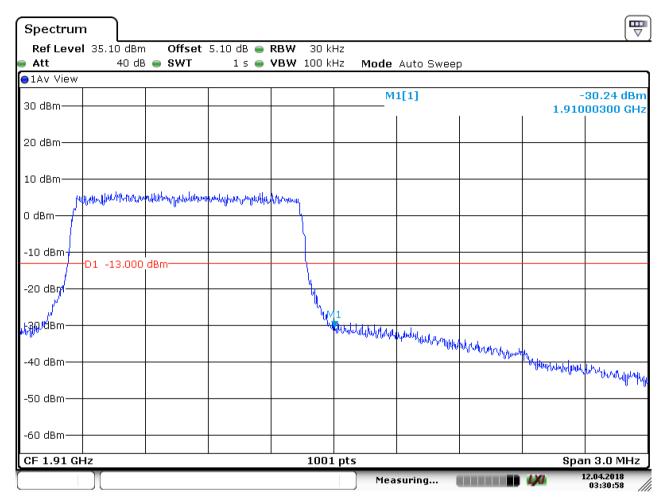
Date: 12.APR.2018 03:31:48



Report No.: SZEM180100088201

Page: 68 of 122

5.1.1.2.2.2 Test RB=FullRBs



Date: 12.APR.2018 03:30:58

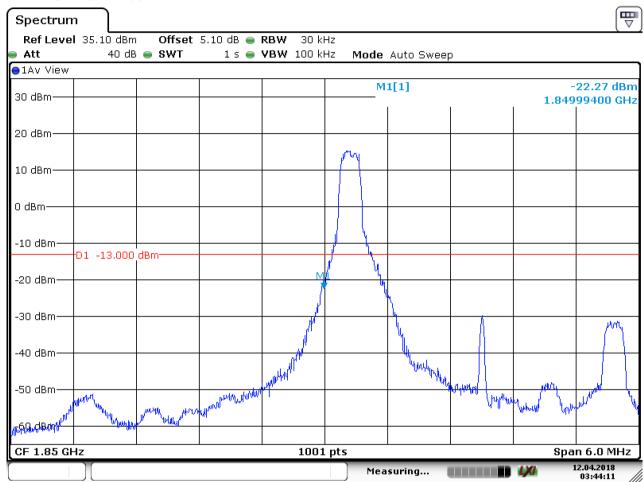


Report No.: SZEM180100088201

Page: 69 of 122

5.1.1.3 Test Mode = LTE/TM1 3MHz 5.1.1.3.1 Test Channel = LCH

5.1.1.3.1.1 Test RB=1RB#Low



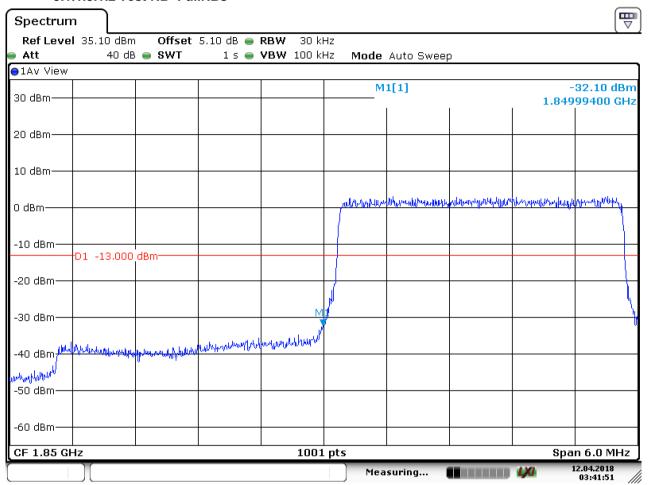
Date: 12.APR.2018 03:44:11



Report No.: SZEM180100088201

Page: 70 of 122

5.1.1.3.1.2 Test RB=FullRBs



Date: 12.APR.2018 03:41:51

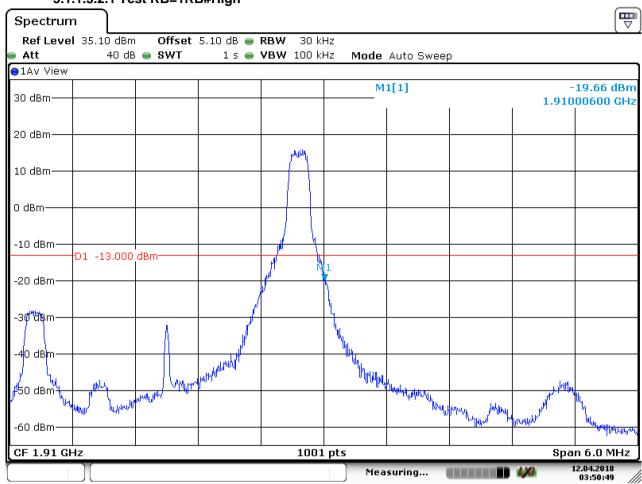


Report No.: SZEM180100088201

Page: 71 of 122

5.1.1.3.2 Test Channel = HCH

5.1.1.3.2.1 Test RB=1RB#High



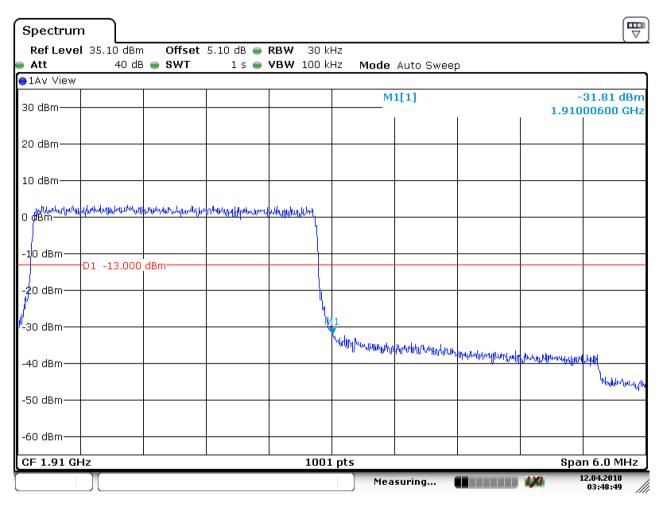
Date: 12.APR.2018 03:50:50



Report No.: SZEM180100088201

Page: 72 of 122

5.1.1.3.2.2 Test RB=FullRBs



Date: 12.APR.2018 03:48:50

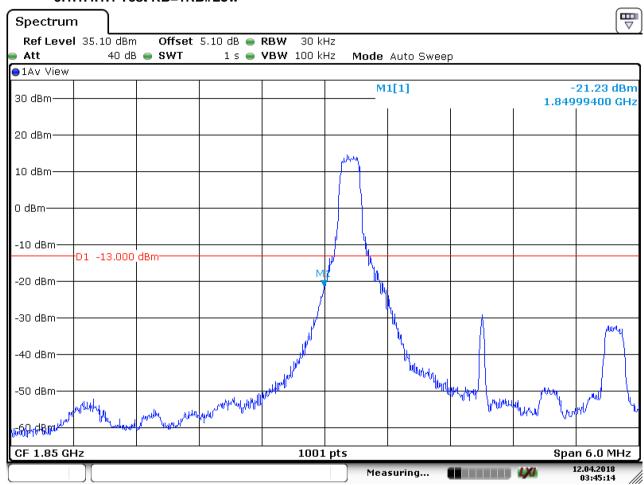


Report No.: SZEM180100088201

Page: 73 of 122

5.1.1.4 Test Mode = LTE/TM2 3MHz 5.1.1.4.1 Test Channel = LCH

5.1.1.4.1.1 Test RB=1RB#Low



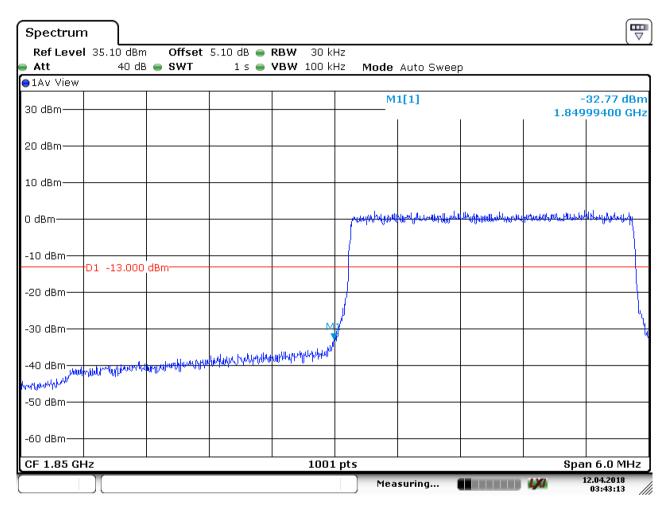
Date: 12.APR.2018 03:45:14



Report No.: SZEM180100088201

Page: 74 of 122

5.1.1.4.1.2 Test RB=FullRBs



Date: 12.APR.2018 03:43:13

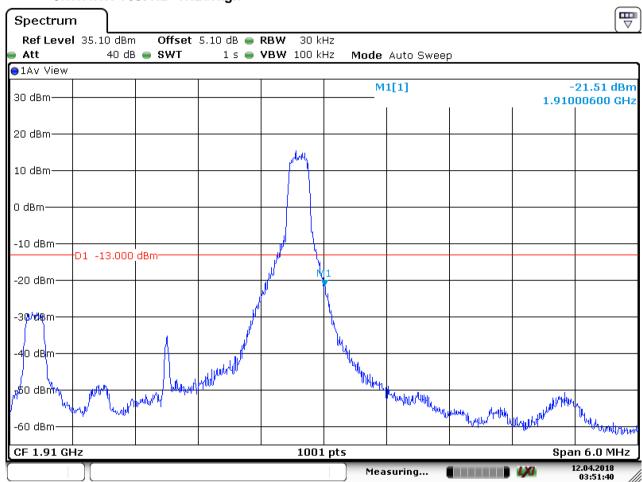


Report No.: SZEM180100088201

Page: 75 of 122

5.1.1.4.1 Test Channel = LCH

5.1.1.4.1.1 Test RB=1RB#High



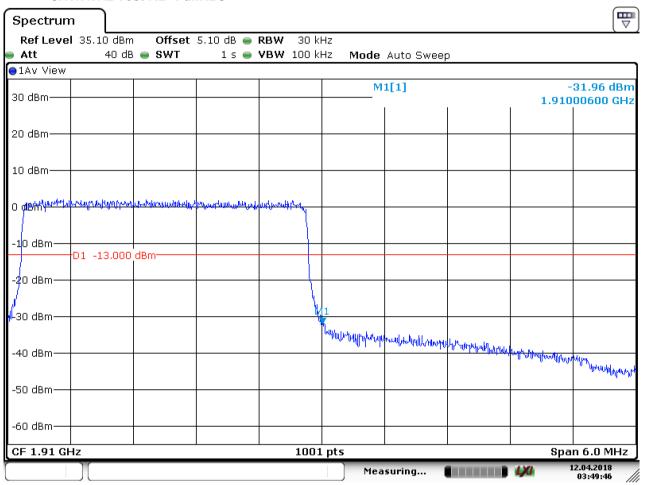
Date: 12.APR.2018 03:51:40



Report No.: SZEM180100088201

Page: 76 of 122

5.1.1.4.1.2 Test RB=FullRBs



Date: 12.APR.2018 03:49:46

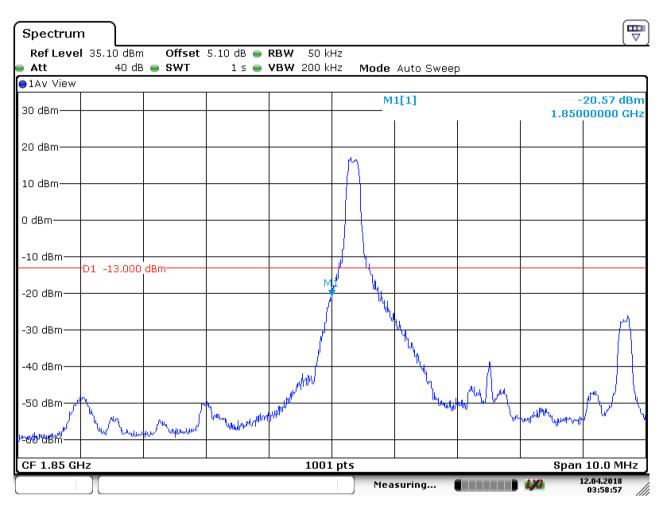


Report No.: SZEM180100088201

Page: 77 of 122

5.1.1.5 Test Mode = LTE/TM1 5MHz 5.1.1.5.1 Test Channel = LCH

5.1.1.5.1.1 Test RB=1RB#Low



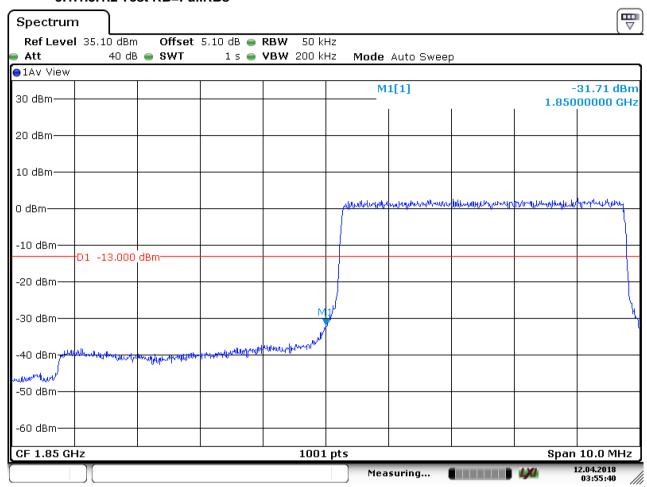
Date: 12.APR.2018 03:58:58



Report No.: SZEM180100088201

Page: 78 of 122

5.1.1.5.1.2 Test RB=FullRBs



Date: 12.APR.2018 03:55:40

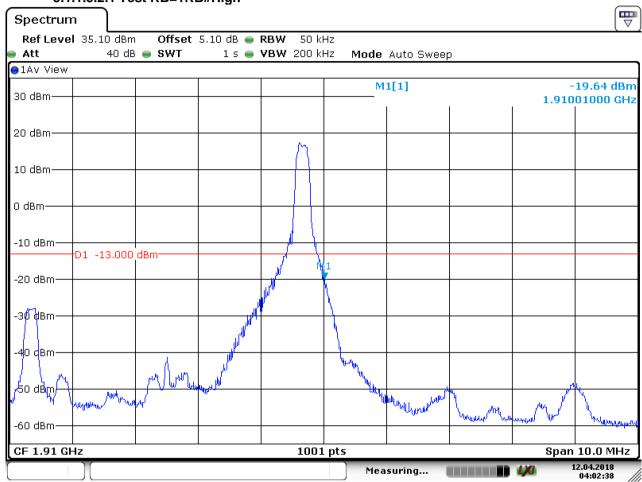


Report No.: SZEM180100088201

Page: 79 of 122

5.1.1.5.2 Test Channel = HCH

5.1.1.5.2.1 Test RB=1RB#High

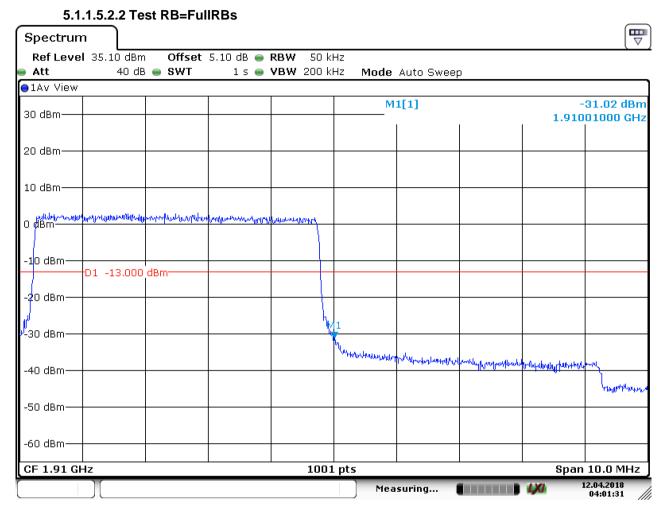


Date: 12.APR.2018 04:02:39



Report No.: SZEM180100088201

Page: 80 of 122



Date: 12.APR.2018 04:01:31

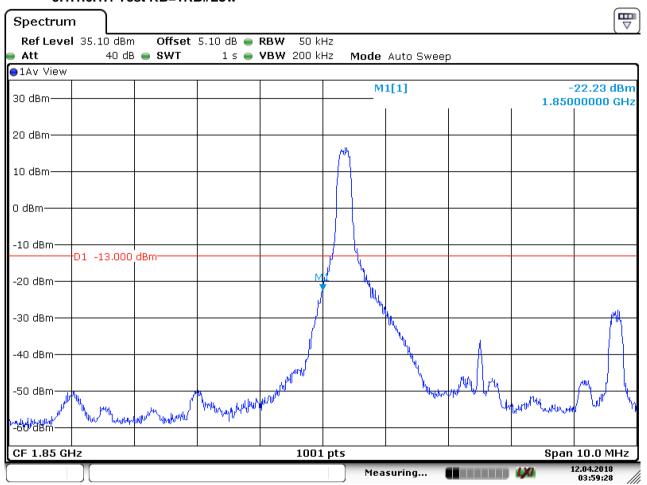


Report No.: SZEM180100088201

Page: 81 of 122

5.1.1.6 Test Mode = LTE/TM2 5MHz 5.1.1.6.1 Test Channel = LCH

5.1.1.6.1.1 Test RB=1RB#Low



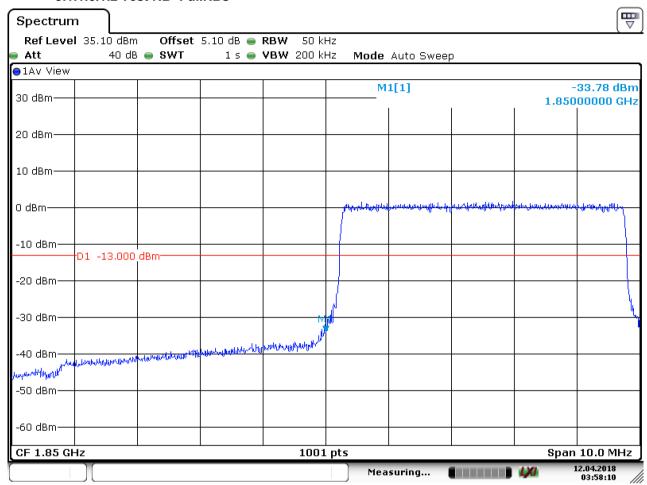
Date: 12.APR.2018 03:59:28



Report No.: SZEM180100088201

Page: 82 of 122

5.1.1.6.1.2 Test RB=FullRBs



Date: 12.APR.2018 03:58:11

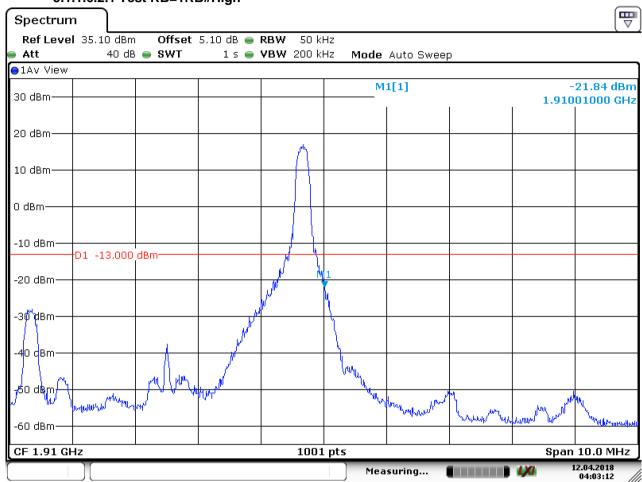


Report No.: SZEM180100088201

Page: 83 of 122

5.1.1.6.2 Test Channel = HCH

5.1.1.6.2.1 Test RB=1RB#High



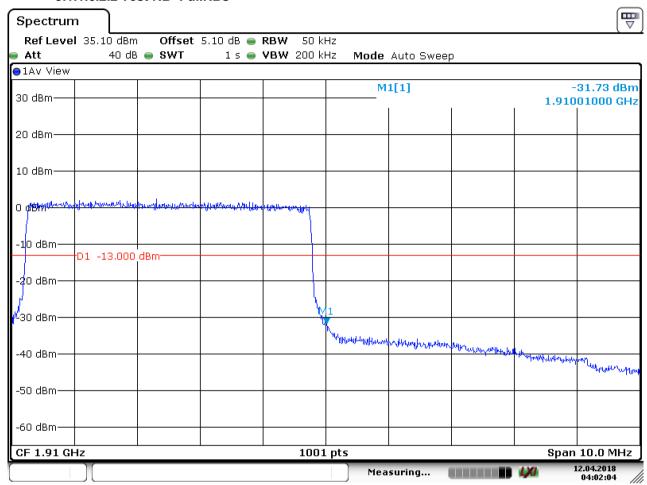
Date: 12.APR.2018 04:03:12



Report No.: SZEM180100088201

Page: 84 of 122

5.1.1.6.2.2 Test RB=FullRBs



Date: 12.APR.2018 04:02:05

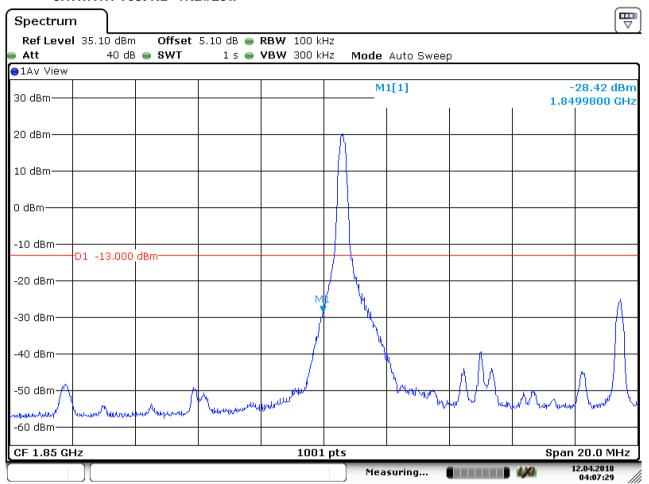


Report No.: SZEM180100088201

Page: 85 of 122

5.1.1.7 Test Mode = LTE/TM1 10MHz 5.1.1.7.1 Test Channel = LCH

5.1.1.7.1.1 Test RB=1RB#Low



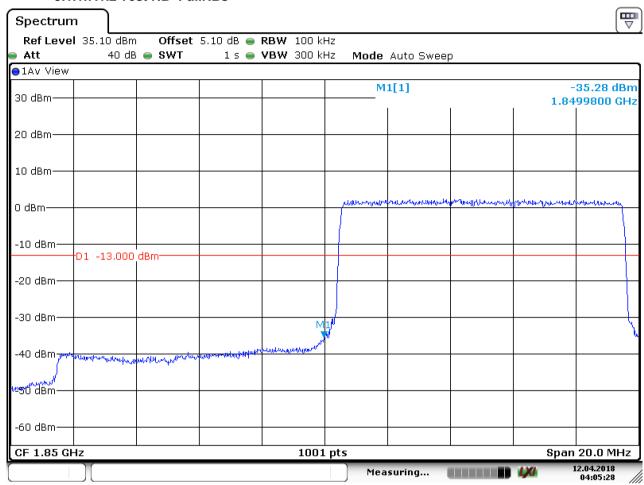
Date: 12.APR.2018 04:07:29



Report No.: SZEM180100088201

Page: 86 of 122

5.1.1.7.1.2 Test RB=FullRBs



Date: 12.APR.2018 04:05:29

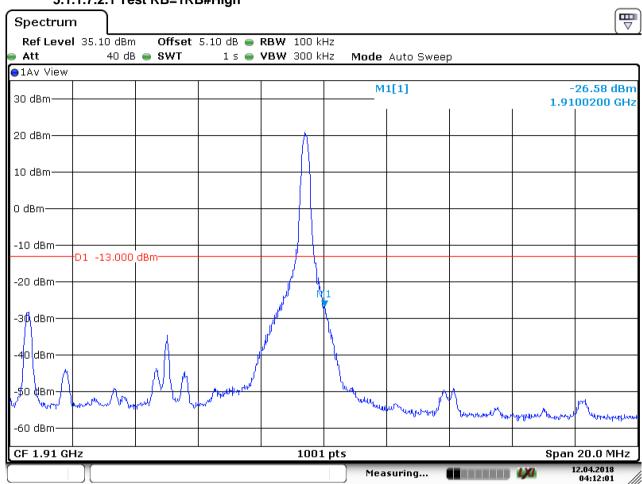


Report No.: SZEM180100088201

Page: 87 of 122

5.1.1.7.2 Test Channel = HCH

5.1.1.7.2.1 Test RB=1RB#High



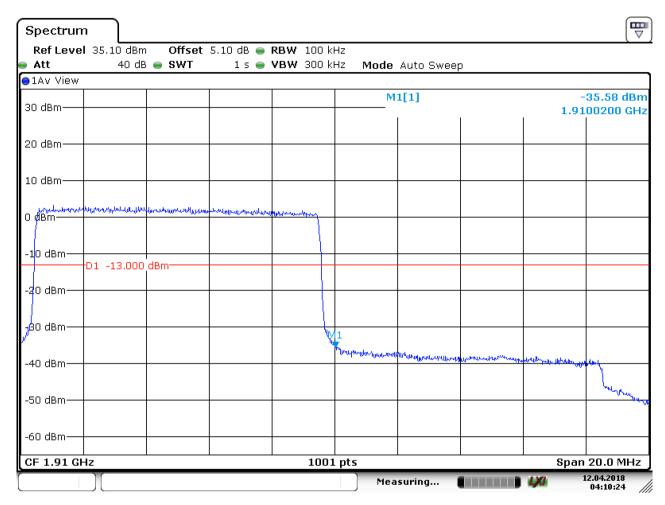
Date: 12.APR.2018 04:12:01



Report No.: SZEM180100088201

Page: 88 of 122

5.1.1.7.2.2 Test RB=FullRBs



Date: 12.APR.2018 04:10:25

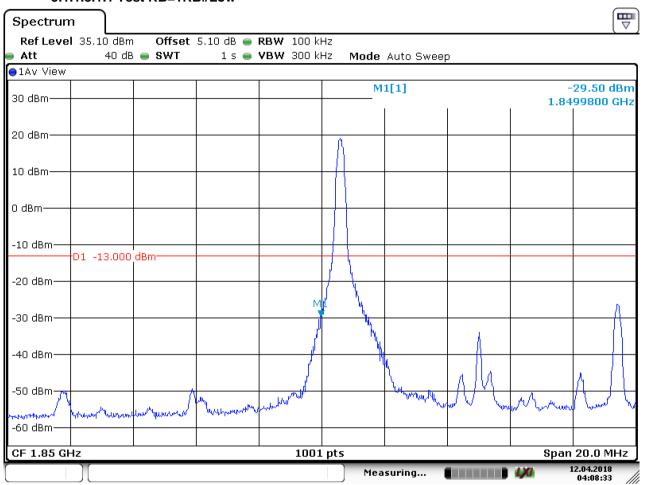


Report No.: SZEM180100088201

Page: 89 of 122

5.1.1.8 Test Mode = LTE/TM2 10MHz 5.1.1.8.1 Test Channel = LCH

5.1.1.8.1.1 Test RB=1RB#Low



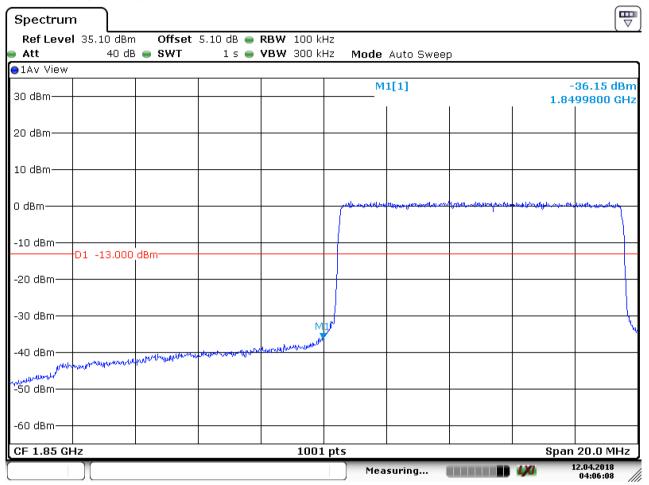
Date: 12.APR.2018 04:08:34



Report No.: SZEM180100088201

Page: 90 of 122

5.1.1.8.1.2 Test RB=FullRBs



Date: 12.APR.2018 04:06:08

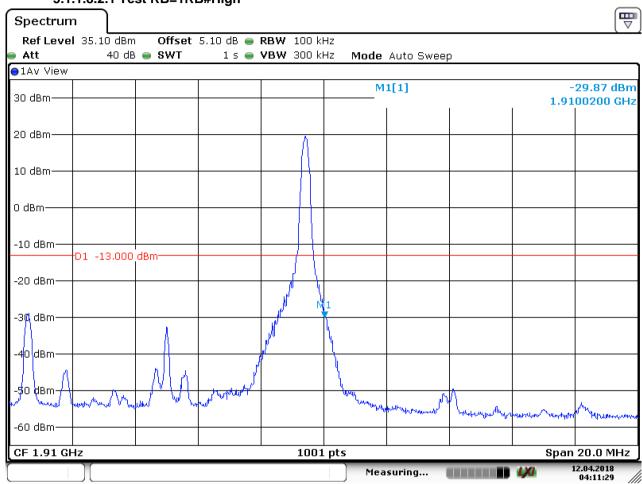


Report No.: SZEM180100088201

Page: 91 of 122

5.1.1.8.2 Test Channel = HCH

5.1.1.8.2.1 Test RB=1RB#High



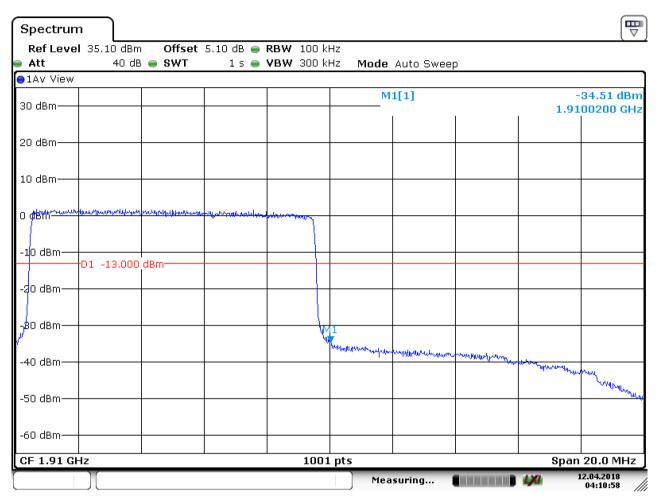
Date: 12.APR.2018 04:11:29



Report No.: SZEM180100088201

Page: 92 of 122

5.1.1.8.2.2 Test RB=FullRBs



Date: 12.APR.2018 04:10:58

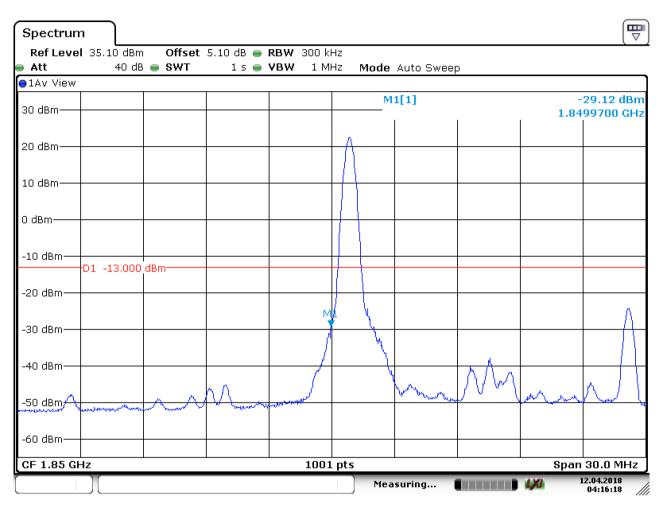


Report No.: SZEM180100088201

Page: 93 of 122

5.1.1.9 Test Mode = LTE/TM1 15MHz 5.1.1.9.1 Test Channel = LCH

5.1.1.9.1.1 Test RB=1RB#Low



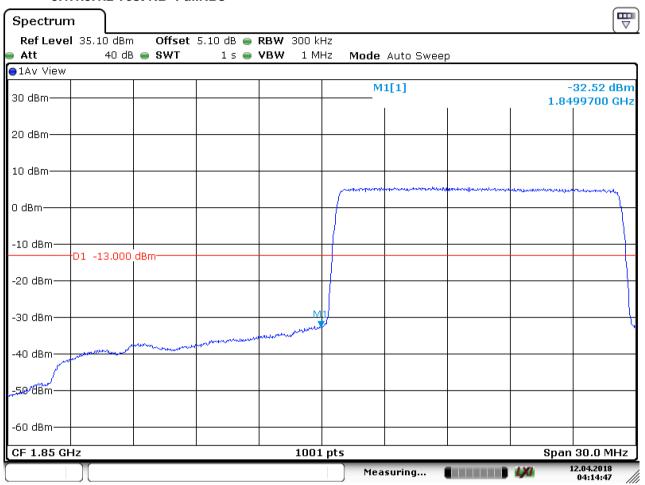
Date: 12.APR.2018 04:16:19



Report No.: SZEM180100088201

Page: 94 of 122

5.1.1.9.1.2 Test RB=FullRBs



Date: 12.APR.2018 04:14:47

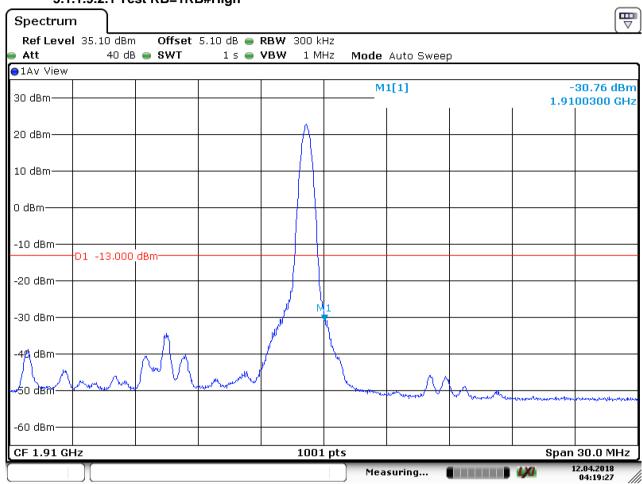


Report No.: SZEM180100088201

Page: 95 of 122

5.1.1.9.2 Test Channel = HCH

5.1.1.9.2.1 Test RB=1RB#High

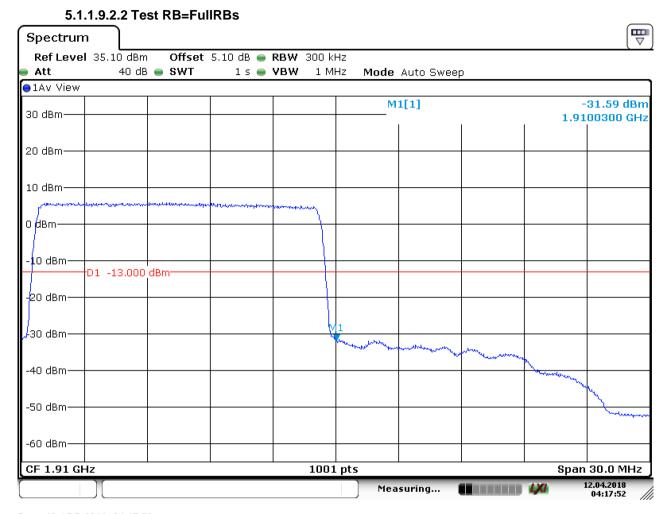


Date: 12.APR.2018 04:19:27



Report No.: SZEM180100088201

Page: 96 of 122



Date: 12.APR.2018 04:17:53

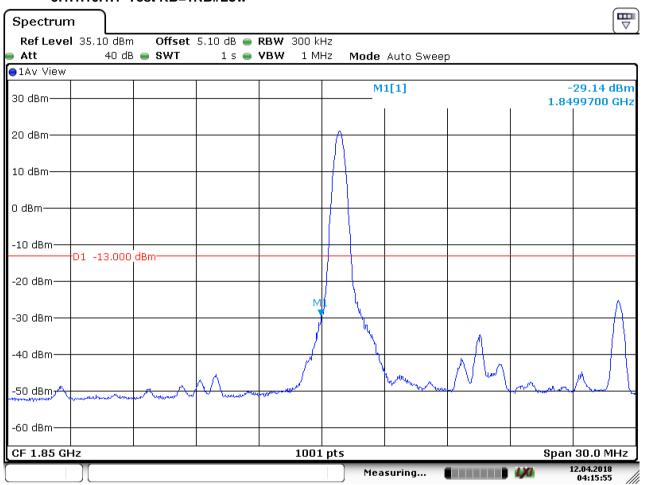


Report No.: SZEM180100088201

Page: 97 of 122

5.1.1.10 Test Mode = LTE/TM2 15MHz 5.1.1.10.1 Test Channel = LCH

5.1.1.10.1.1 Test RB=1RB#Low



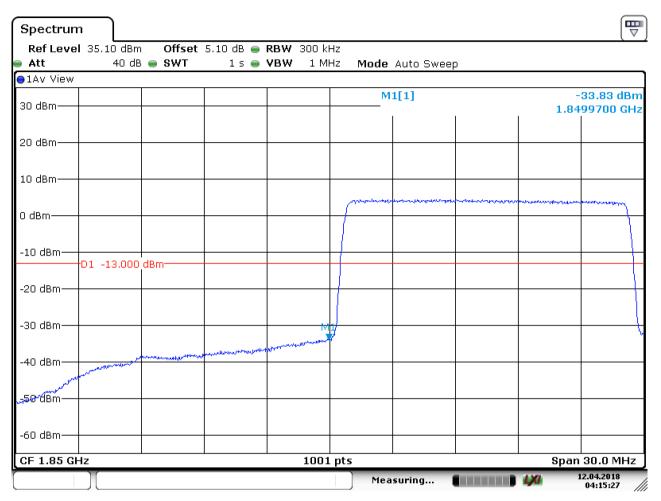
Date: 12.APR.2018 04:15:55



Report No.: SZEM180100088201

Page: 98 of 122

5.1.1.10.1.2 Test RB=FullRBs



Date: 12.APR.2018 04:15:28

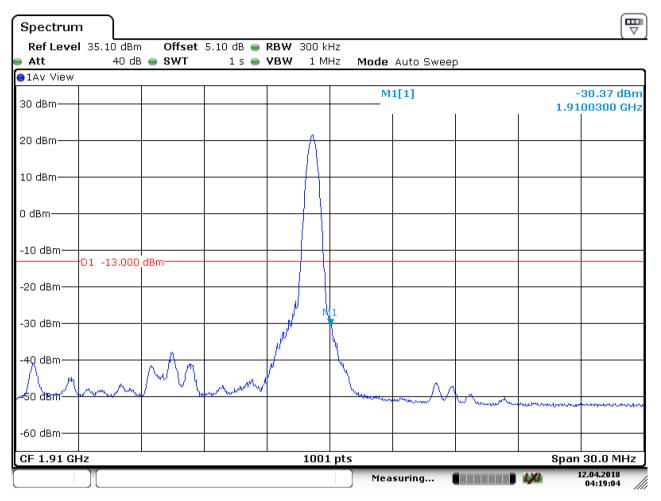


Report No.: SZEM180100088201

Page: 99 of 122

5.1.1.10.2 Test Channel = HCH

5.1.1.10.2.1 Test RB=1RB#High



Date: 12.APR.2018 04:19:05



Report No.: SZEM180100088201

Page: 100 of 122

5.1.1.10.2.2 Test RB=FullRBs



Date: 12.APR.2018 04:18:26

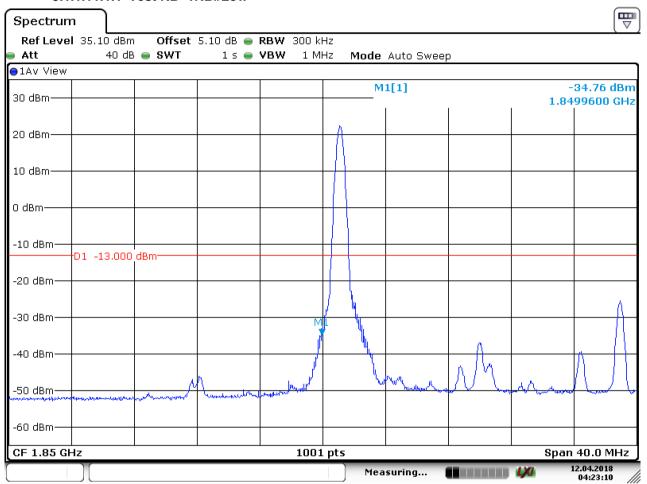


Report No.: SZEM180100088201

Page: 101 of 122

5.1.1.11 Test Mode = LTE/TM1 20MHz 5.1.1.11.1 Test Channel = LCH

5.1.1.11.1.1 Test RB=1RB#Low



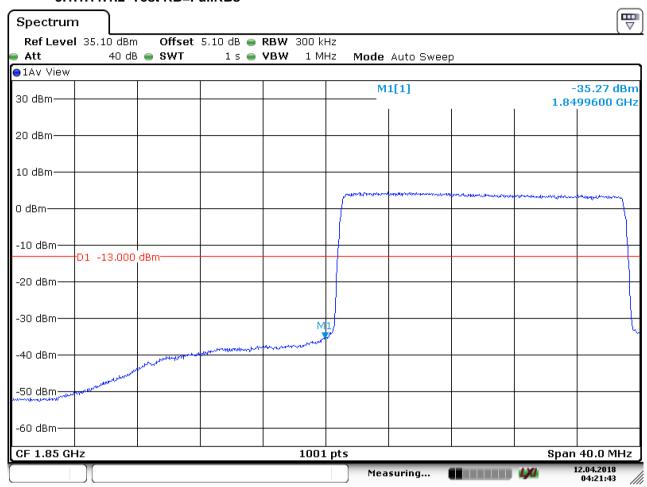
Date: 12.APR.2018 04:23:10



Report No.: SZEM180100088201

Page: 102 of 122

5.1.1.11.1.2 Test RB=FullRBs



Date: 12.APR.2018 04:21:43

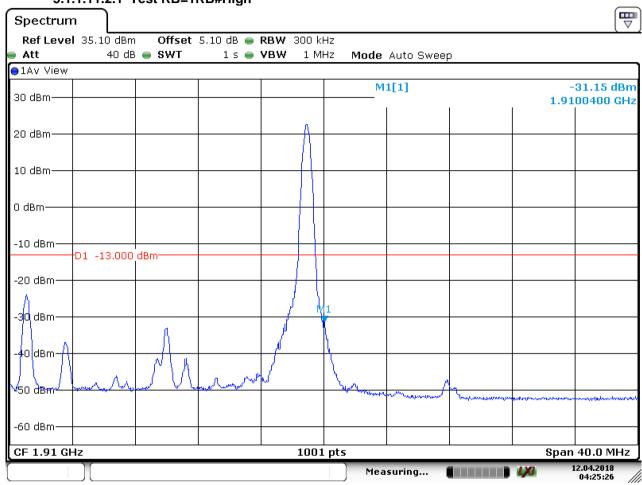


Report No.: SZEM180100088201

Page: 103 of 122

5.1.1.11.2 Test Channel = HCH

5.1.1.11.2.1 Test RB=1RB#High

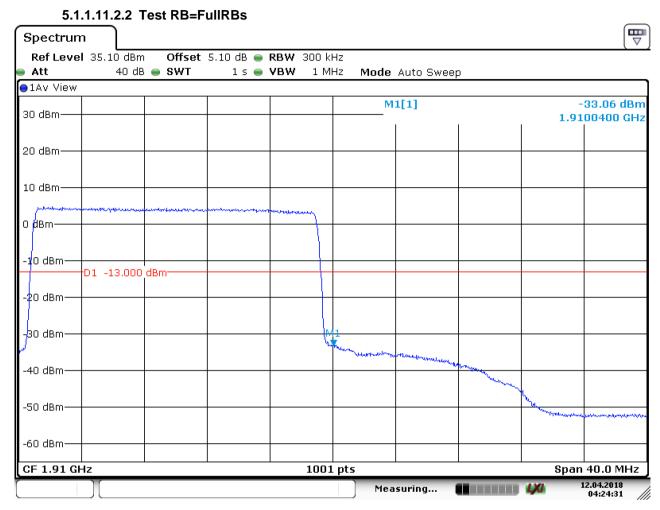


Date: 12.APR.2018 04:25:26



Report No.: SZEM180100088201

Page: 104 of 122



Date: 12.APR.2018 04:24:32

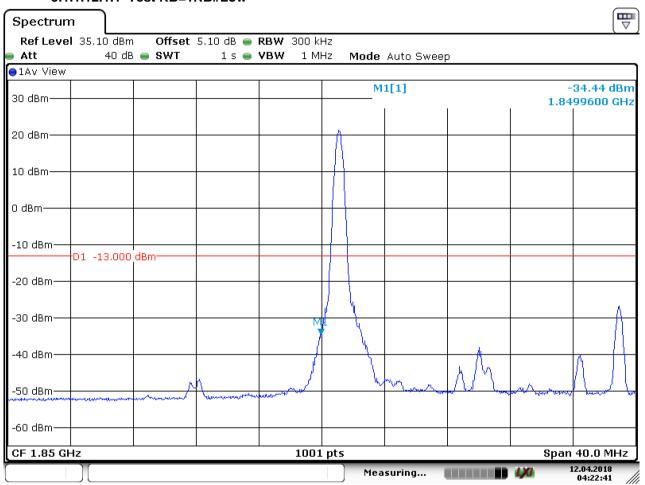


Report No.: SZEM180100088201

Page: 105 of 122

5.1.1.12 Test Mode = LTE/TM2 20MHz 5.1.1.12.1 Test Channel = LCH

5.1.1.12.1.1 Test RB=1RB#Low



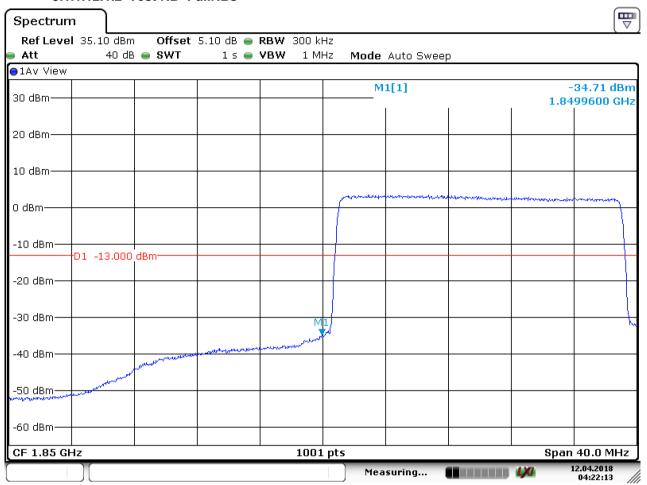
Date: 12.APR.2018 04:22:41



Report No.: SZEM180100088201

Page: 106 of 122

5.1.1.12.1.2 Test RB=FullRBs



Date: 12.APR.2018 04:22:13

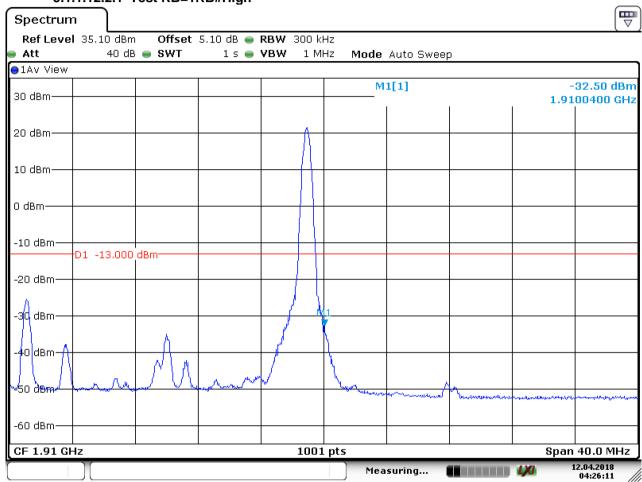


Report No.: SZEM180100088201

Page: 107 of 122

5.1.1.12.2 Test Channel = HCH

5.1.1.12.2.1 Test RB=1RB#High



Date: 12.APR.2018 04:26:12



Report No.: SZEM180100088201

Page: 108 of 122

5.1.1.12.2.2 Test RB=FullRBs



Date: 12.APR.2018 04:24:55



Report No.: SZEM180100088201

Page: 109 of 122

6 Spurious Emission at Antenna Terminal

NOTE: 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.

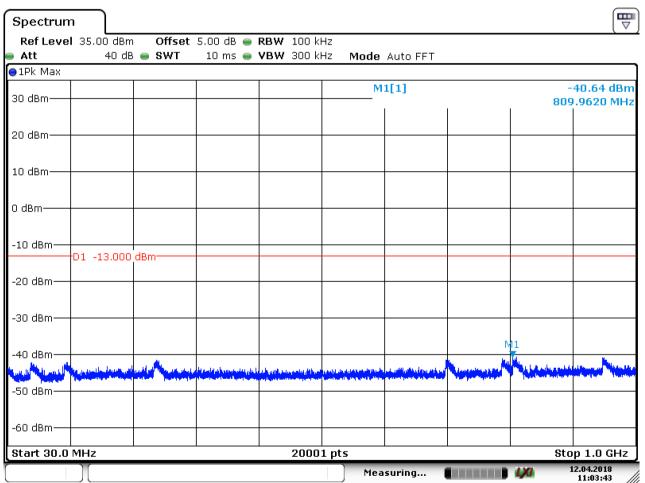
Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = LTE band2

6.1.1.1 Test Mode = LTE / TM1 20MHz RB1#0

6.1.1.1.1 Test Channel = LCH

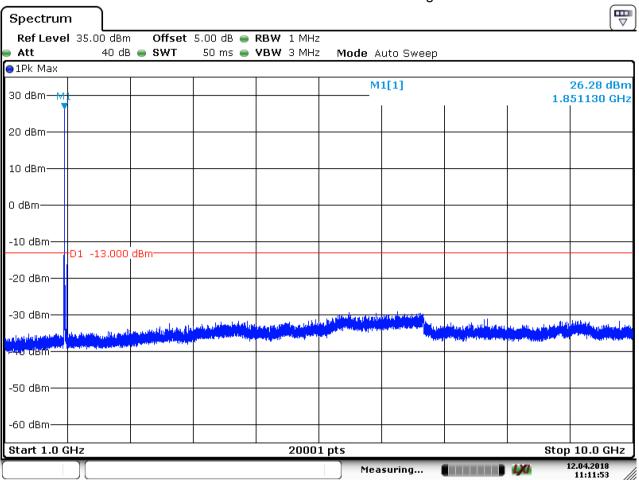


Date: 12.APR.2018 11:03:43



Report No.: SZEM180100088201

Page: 110 of 122

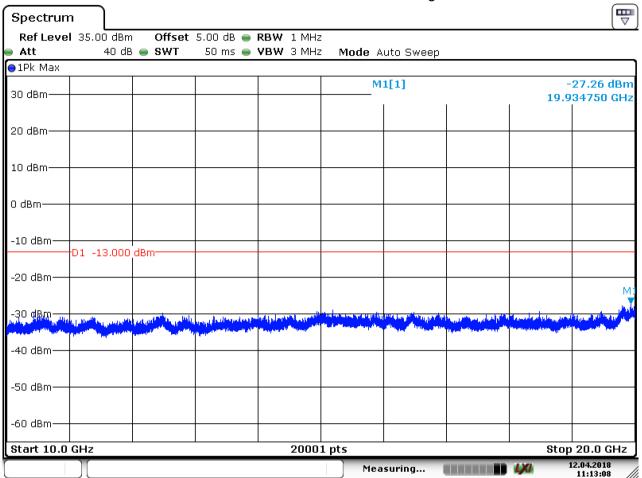


Date: 12.APR.2018 11:11:53



Report No.: SZEM180100088201

Page: 111 of 122



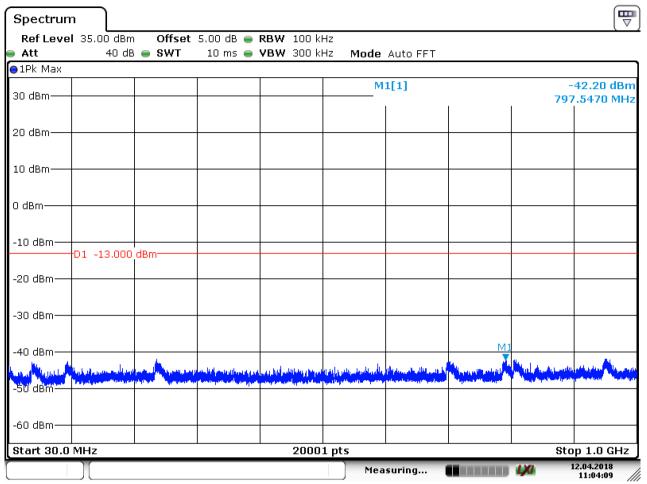
Date: 12.APR.2018 11:13:08



Report No.: SZEM180100088201

Page: 112 of 122

6.1.1.1.2 Test Channel = MCH

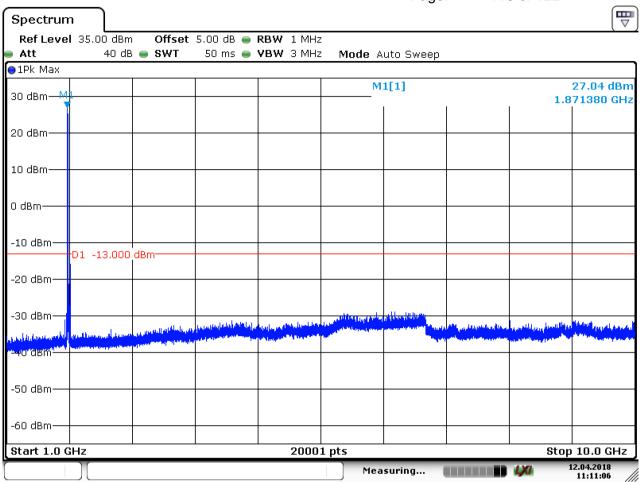


Date: 12.APR.2018 11:04:09



Report No.: SZEM180100088201

Page: 113 of 122

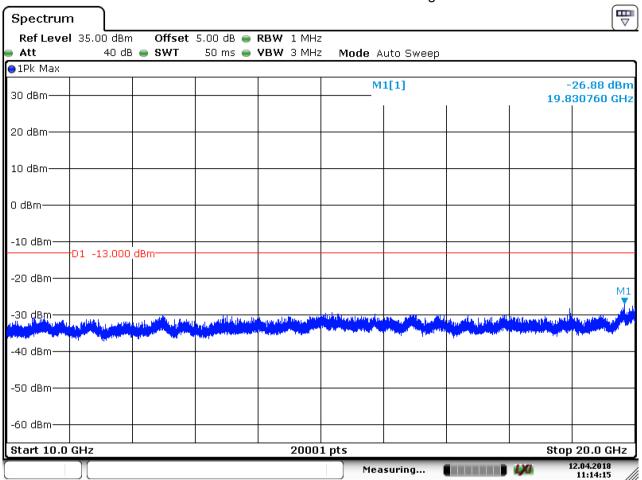


Date: 12.APR.2018 11:11:06



Report No.: SZEM180100088201

Page: 114 of 122



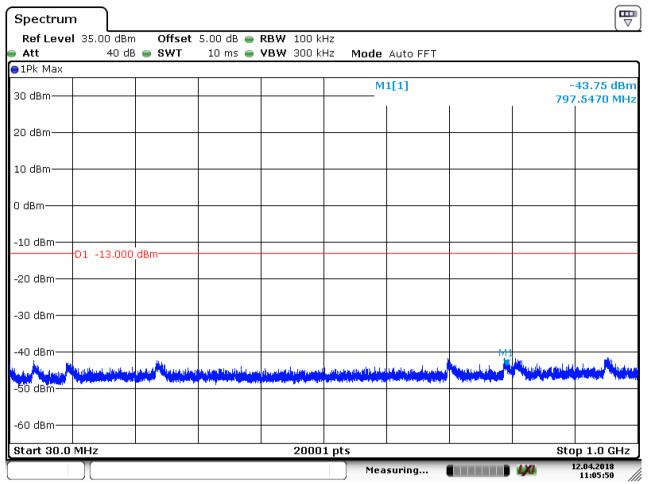
Date: 12.APR.2018 11:14:14



Report No.: SZEM180100088201

Page: 115 of 122

6.1.1.1.3 Test Channel = HCH

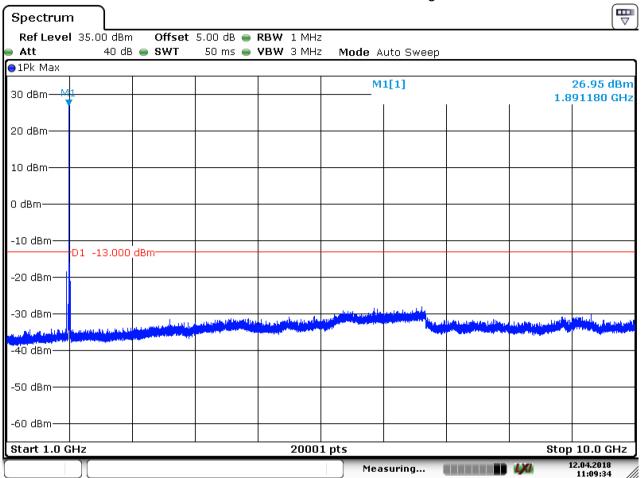


Date: 12.APR.2018 11:05:50



Report No.: SZEM180100088201

Page: 116 of 122

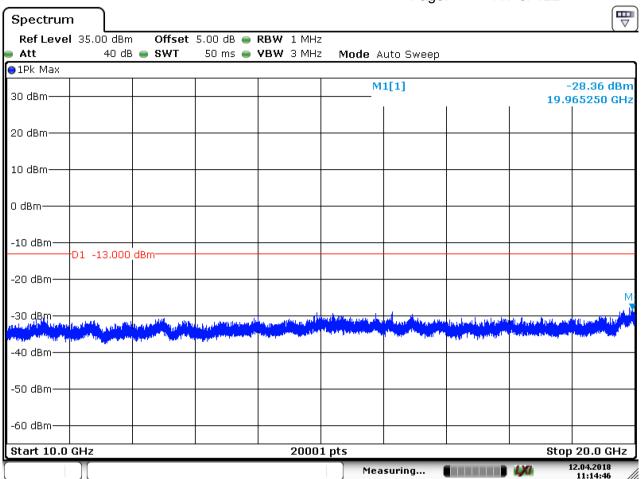


Date: 12.APR.2018 11:09:34



Report No.: SZEM180100088201

Page: 117 of 122



Date: 12.APR.2018 11:14:46



Report No.: SZEM180100088201

Page: 118 of 122

7 Field Strength of Spurious Radiation

7.1 For LTE

7.1.1 Test Band = LTE band2

7.1.1.1 Test Mode =LTE/TM1 20MHz RB1#0

7.1.1.1.1 Test Channel = LCH

7.1.1.1.1 Test Chamber = LOH						
Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization		
64.950000	-78.22	-13.00	65.22	Vertical		
146.950000	-84.56	-13.00	71.56	Vertical		
2802.500000	-57.75	-13.00	44.75	Vertical		
3702.000000	-64.60	-13.00	51.60	Vertical		
5589.275000	-65.21	-13.00	52.21	Vertical		
9255.275000	-63.29	-13.00	50.29	Vertical		
62.650000	-77.50	-13.00	64.50	Horizontal		
151.150000	-83.05	-13.00	70.05	Horizontal		
1479.500000	-61.14	-13.00	48.14	Horizontal		
3702.000000	-63.62	-13.00	50.62	Horizontal		
6048.500000	-65.60	-13.00	52.60	Horizontal		
9255.275000	-60.16	-13.00	47.16	Horizontal		

7.1.1.1.2 Test Channel = MCH

7.1.1.1.2	7.1.1.1.2 Test Chamber = Wich						
Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization			
65.850000	-77.94	-13.00	64.94	Vertical			
125.000000	-84.99	-13.00	71.99	Vertical			
1202.000000	-66.32	-13.00	53.32	Vertical			
3741.975000	-63.83	-13.00	50.83	Vertical			
5648.750000	-64.71	-13.00	51.71	Vertical			
8648.175000	-64.10	-13.00	51.10	Vertical			
62.300000	-77.47	-13.00	64.47	Horizontal			
104.300000	-85.68	-13.00	72.68	Horizontal			
1271.000000	-62.51	-13.00	49.51	Horizontal			
3741.975000	-63.04	-13.00	50.04	Horizontal			
6476.525000	-65.19	-13.00	52.19	Horizontal			
9355.375000	-63.50	-13.00	50.50	Horizontal			



Report No.: SZEM180100088201

Page: 119 of 122

7.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
59.500000	-80.26	-13.00	67.26	Vertical
125.000000	-85.17	-13.00	72.17	Vertical
1283.000000	-66.64	-13.00	53.64	Vertical
3781.950000	-65.08	-13.00	52.08	Vertical
5708.875000	-64.98	-13.00	51.98	Vertical
9236.750000	-64.10	-13.00	51.10	Vertical
63.400000	-77.92	-13.00	64.92	Horizontal
152.100000	-85.38	-13.00	72.38	Horizontal
1236.000000	-62.58	-13.00	49.58	Horizontal
3781.950000	-62.13	-13.00	49.13	Horizontal
6123.900000	-65.96	-13.00	52.96	Horizontal
8648.175000	-64.35	-13.00	51.35	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.: SZEM180100088201

Page: 120 of 122

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
		LCH	TN	VL	6.61	0.003554	PASS
				VN	8.91	0.004790	PASS
				VH	-7.88	-0.004237	PASS
				VL	-10.66	-0.005670	PASS
	LTE/TM1 20MHz	MCH	TN	VN	-10.77	-0.005729	PASS
				VH	-14.35	-0.007633	PASS
		НСН	TN	VL	-9.04	-0.004758	PASS
				VN	-7.47	-0.003932	PASS
I TCh and 0				VH	-14.20	-0.007474	PASS
LTEband2	LTE/TM2 20MHz	LCH	TN	VL	-9.33	-0.005016	PASS
				VN	-7.02	-0.003774	PASS
				VH	-6.39	-0.003435	PASS
		МСН	TN	VL	-10.09	-0.005367	PASS
				VN	-9.31	-0.004952	PASS
				VH	-9.36	-0.004979	PASS
		НСН		VL	-5.64	-0.002968	PASS
			TN	VN	7.07	0.003721	PASS
				VH	7.88	0.004147	PASS



Report No.: SZEM180100088201

Page: 121 of 122

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	-7.14	-0.003839	PASS
				-20	5.74	0.003086	PASS
				-10	-6.01	-0.003231	PASS
				0	5.58	0.003000	PASS
		LCH	VN	10	6.78	0.003645	PASS
				20	-9.11	-0.004846	PASS
				30	-9.03	-0.004803	PASS
				40	-7.80	-0.004149	PASS
				50	-8.55	-0.004548	PASS
	LTE/TM1 20MHz			-30	-9.31	-0.004952	PASS
		MCH	VN	-20	-7.93	-0.004174	PASS
				-10	-7.61	-0.004005	PASS
				0	-7.58	-0.003989	PASS
LTEband2				10	-7.68	-0.004042	PASS
				20	-8.55	-0.004500	PASS
				30	7.64	0.004126	PASS
				40	7.31	0.003948	PASS
				50	7.40	0.003997	PASS
				-30	7.50	0.004051	PASS
				-20	8.88	0.004796	PASS
				-10	6.45	0.003431	PASS
				0	6.94	0.003691	PASS
		HCH	VN	10	7.74	0.004117	PASS
				20	6.38	0.003394	PASS
				30	8.21	0.004367	PASS
				40	7.95	0.004166	PASS
				50	8.30	0.004349	PASS



Report No.: SZEM180100088201

Page: 122 of 122

					Page:	122 of 122	
Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	5.36	0.002817	PASS
				-20	-5.38	-0.002828	PASS
				-10	7.31	0.003842	PASS
				0	-6.09	-0.003201	PASS
		LCH	VN	10	-6.35	-0.003338	PASS
				20	-6.95	-0.003737	PASS
				30	-8.25	-0.004435	PASS
				40	5.95	0.003199	PASS
				50	-6.07	-0.003263	PASS
	LTE/TM2 20MHz			-30	-6.94	-0.003731	PASS
			VN	-20	-9.87	-0.005250	PASS
		МСН		-10	-10.83	-0.005761	PASS
				0	-8.97	-0.004771	PASS
LTEband2				10	-10.47	-0.005569	PASS
				20	-8.43	-0.004484	PASS
				30	5.82	0.003063	PASS
				40	-6.64	-0.003495	PASS
				50 6.82 0.003589	0.003589	PASS	
		нсн	VN	-30	7.05	0.003711	PASS
				-20	6.37	0.003353	PASS
				-10	5.36	0.002817	PASS
				0	-5.38	-0.002828	PASS
				10	7.31	0.003842	PASS
				20	-6.09	-0.003201	PASS
				30	-6.35	-0.003338	PASS
				40	-6.95	-0.003737	PASS
				50	-8.25	-0.004435	PASS

The End