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# Appendix B

E-UTRA BAND 26 (814-824)



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### 1 Effective (Isotropic) Radiated Power Output Data

Effective Radiated Power of Transmitter (ERP) for LTE BAND 26

Test Band(LTE)	Test Mode	Dest Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	23.23	24.08	38.45	PASS
				RB1#2	23.1	23.95	38.45	PASS
				RB1#5	23.08	23.93	38.45	PASS
			LCH	RB3#0	22.99	23.84	38.45	PASS
				RB3#2	23.07	23.92	38.45	PASS
				RB3#3	23.03	23.88	38.45	PASS
				RB6#0	22.3	23.15	38.45	PASS
				RB1#0	22.98	23.83	38.45	PASS
				RB1#2	23.02	23.87	38.45	PASS
				RB1#5	23.11	23.96	38.45	PASS
BAND 26	LTE/TM1	1.4M	MCH	RB3#0	23.12	23.97	38.45	PASS
				RB3#2	23.1	23.95	38.45	PASS
				RB3#3	23.02	23.87	38.45	PASS
				RB6#0	22.21	23.06	38.45	PASS
				RB1#0	23.01	23.86	38.45	PASS
				RB1#2	23.02	23.87	38.45	PASS
				RB1#5	22.99	23.84	38.45	PASS
			НСН	RB3#0	22.93	23.78	38.45	PASS
				RB3#2	23.04	23.89	38.45	PASS
				RB3#3	22.99	23.84	38.45	PASS
				RB6#0	22.89	23.74	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	22.54	23.39	38.45	PASS
				RB1#2	22.78	23.63	38.45	PASS
				RB1#5	22.03	22.88	38.45	PASS
			LCH	RB3#0	22.34	23.19	38.45	PASS
				RB3#2	22.56	23.41	38.45	PASS
				RB3#3	22.43	23.28	38.45	PASS
				RB6#0	21.78	22.63	38.45	PASS
				RB1#0	22.04	22.89	38.45	PASS
				RB1#2	22.11	22.96	38.45	PASS
 				RB1#5	22.65	23.5	38.45	PASS
BAND 26	LTE/TM2	1.4M	MCH	RB3#0	22.01	22.86	38.45	PASS
				RB3#2	22.43	23.28	38.45	PASS
				RB3#3	22.43	23.28	38.45	PASS
				RB6#0	21.89	22.74	38.45	PASS
				RB1#0	22.32	23.17	38.45	PASS
				RB1#2	22.15	23	38.45	PASS
				RB1#5	22.41	23.26	38.45	PASS
			НСН	RB3#0	22.12	22.97	38.45	PASS
				RB3#2	22.32	23.17	38.45	PASS
				RB3#3	22.23	23.08	38.45	PASS
				RB6#0	21.67	22.52	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	22.32	23.17	38.45	PASS
				RB1#2	22.11	22.96	38.45	PASS
				RB1#5	22.43	23.28	38.45	PASS
			LCH	RB3#0	22.11	22.96	38.45	PASS
				RB3#2	22.3	23.15	38.45	PASS
				RB3#3	22.01	22.86	38.45	PASS
				RB6#0	21.3	22.15	38.45	PASS
				RB1#0	22.1	22.95	38.45	PASS
				RB1#2	22.04	22.89	38.45	PASS
				RB1#5	22.02	22.87	38.45	PASS
BAND 26	LTE/TM3	1.4M	MCH	RB3#0	22.03	22.88	38.45	PASS
				RB3#2	22.13	22.98	38.45	PASS
				RB3#3	22.98	23.83	38.45	PASS
				RB6#0	21.3	22.15	38.45	PASS
				RB1#0	22.02	22.87	38.45	PASS
				RB1#2	22.11	22.96	38.45	PASS
				RB1#5	22.1	22.95	38.45	PASS
			НСН	RB3#0	22.02	22.87	38.45	PASS
				RB3#2	21.98	22.83	38.45	PASS
				RB3#3	22	22.85	38.45	PASS
				RB6#0	21.32	22.17	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	22.78	23.63	38.45	PASS
				RB1#7	22.63	23.48	38.45	PASS
				RB1#14	22.73	23.58	38.45	PASS
			LCH	RB8#0	22.02	22.87	38.45	PASS
				RB8#4	22.41	23.26	38.45	PASS
				RB8#7	22.21	23.06	38.45	PASS
				RB15#0	22.13	22.98	38.45	PASS
				RB1#0	22.53	23.38	38.45	PASS
				RB1#7	22.34	23.19	38.45	PASS
				RB1#14	22.68	23.53	38.45	PASS
BAND 26	LTE/TM1	ЗМ	MCH	RB8#0	21.99	22.84	38.45	PASS
				RB8#4	22.44	23.29	38.45	PASS
				RB8#7	22.31	23.16	38.45	PASS
				RB15#0	22.21	23.06	38.45	PASS
				RB1#0	22.55	23.4	38.45	PASS
				RB1#7	22.67	23.52	38.45	PASS
				RB1#14	22.34	23.19	38.45	PASS
			НСН	RB8#0	21.99	22.84	38.45	PASS
				RB8#4	22.01	22.86	38.45	PASS
				RB8#7	21.9	22.75	38.45	PASS
				RB15#0	21.99	22.84	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	22.1	22.95	38.45	PASS
				RB1#7	22.45	23.3	38.45	PASS
				RB1#14	21.99	22.84	38.45	PASS
			LCH	RB8#0	21.21	22.06	38.45	PASS
				RB8#4	21.2	22.05	38.45	PASS
				RB8#7	21.2	22.05	38.45	PASS
				RB15#0	20.9	21.75	38.45	PASS
				RB1#0	22.43	23.28	38.45	PASS
				RB1#7	22.1	22.95	38.45	PASS
				RB1#14	22.04	22.89	38.45	PASS
BAND 26	LTE/TM2	ЗМ	МСН	RB8#0	21.3	22.15	38.45	PASS
				RB8#4	21.11	21.96	38.45	PASS
				RB8#7	21.03	21.88	38.45	PASS
				RB15#0	21.3	22.15	38.45	PASS
				RB1#0	23.01	23.86	38.45	PASS
				RB1#7	22.3	23.15	38.45	PASS
				RB1#14	22.21	23.06	38.45	PASS
			НСН	RB8#0	21.2	22.05	38.45	PASS
				RB8#4	21.03	21.88	38.45	PASS
				RB8#7	21.01	21.86	38.45	PASS
				RB15#0	20.9	21.75	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	21.89	22.74	38.45	PASS
				RB1#2	21.91	22.76	38.45	PASS
				RB1#5	21.9	22.75	38.45	PASS
			LCH	RB3#0	21.02	21.87	38.45	PASS
				RB3#2	20.99	21.84	38.45	PASS
				RB3#3	21.01	21.86	38.45	PASS
				RB6#0	21.1	21.95	38.45	PASS
				RB1#0	20.8	21.65	38.45	PASS
				RB1#2	20.66	21.51	38.45	PASS
				RB1#5	21	21.85	38.45	PASS
BAND 26	LTE/TM3	3M	MCH	RB3#0	19.43	20.28	38.45	PASS
				RB3#2	19.77	20.62	38.45	PASS
				RB3#3	19.44	20.29	38.45	PASS
				RB6#0	19.76	20.61	38.45	PASS
				RB1#0	20.7	21.55	38.45	PASS
				RB1#2	20.54	21.39	38.45	PASS
				RB1#5	20.44	21.29	38.45	PASS
			НСН	RB3#0	19.66	20.51	38.45	PASS
				RB3#2	19.34	20.19	38.45	PASS
				RB3#3	19.64	20.49	38.45	PASS
				RB6#0	19.34	20.19	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	23.3	24.15	38.45	PASS
				RB1#13	23.1	23.95	38.45	PASS
				RB1#24	23.2	24.05	38.45	PASS
			LCH	RB12#0	22.3	23.15	38.45	PASS
				RB12#6	22.1	22.95	38.45	PASS
				RB12#13	22.1	22.95	38.45	PASS
				RB25#0	22.03	22.88	38.45	PASS
				RB1#0	23.01	23.86	38.45	PASS
				RB1#13	23.9	24.75	38.45	PASS
RAND 26				RB1#24	22.98	23.83	38.45	PASS
BAND 26	LTE/TM1	5M	MCH	RB12#0	22.2	23.05	38.45	PASS
				RB12#6	22.01	22.86	38.45	PASS
				RB12#13	22.01	22.86	38.45	PASS
				RB25#0	21.9	22.75	38.45	PASS
				RB1#0	23.1	23.95	38.45	PASS
				RB1#13	23.03	23.88	38.45	PASS
				RB1#24	23.1	23.95	38.45	PASS
			HCH	RB12#0	22.2	23.05	38.45	PASS
				RB12#6	22.01	22.86	38.45	PASS
				RB12#13	22.3	23.15	38.45	PASS
				RB25#0	21.9	22.75	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	21.43	22.28	38.45	PASS
				RB1#13	21.6	22.45	38.45	PASS
				RB1#24	21.65	22.5	38.45	PASS
			LCH	RB12#0	21.1	21.95	38.45	PASS
				RB12#6	21.3	22.15	38.45	PASS
				RB12#13	21.33	22.18	38.45	PASS
				RB25#0	21.41	22.26	38.45	PASS
				RB1#0	22.21	23.06	38.45	PASS
				RB1#13	22.32	23.17	38.45	PASS
BAND 26				RB1#24	21.5	22.35	38.45	PASS
BAND 26	LTE/TM2	5M	МСН	RB12#0	21.43	22.28	38.45	PASS
				RB12#6	21.3	22.15	38.45	PASS
				RB12#13	21.31	22.16	38.45	PASS
				RB25#0	21.02	21.87	38.45	PASS
				RB1#0	21.3	22.15	38.45	PASS
				RB1#13	21.5	22.35	38.45	PASS
				RB1#24	21.02	21.87	38.45	PASS
			HCH	RB12#0	21.1	21.95	38.45	PASS
				RB12#6	21.1	21.95	38.45	PASS
				RB12#13	20.99	21.84	38.45	PASS
				RB25#0	20.98	21.83	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	20.47	21.32	38.45	PASS
				RB1#2	20.46	21.31	38.45	PASS
				RB1#5	20.38	21.23	38.45	PASS
			LCH	RB3#0	19.51	20.36	38.45	PASS
				RB3#2	19.56	20.41	38.45	PASS
				RB3#3	19.46	20.31	38.45	PASS
				RB6#0	19.44	20.29	38.45	PASS
				RB1#0	20.46	21.31	38.45	PASS
				RB1#2	20.53	21.38	38.45	PASS
				RB1#5	20.52	21.37	38.45	PASS
BAND 26	LTE/TM3	5M	МСН	RB3#0	19.51	20.36	38.45	PASS
				RB3#2	19.51	20.36	38.45	PASS
				RB3#3	19.50	20.35	38.45	PASS
				RB6#0	19.50	20.35	38.45	PASS
				RB1#0	20.56	21.41	38.45	PASS
				RB1#2	20.43	21.28	38.45	PASS
				RB1#5	20.44	21.29	38.45	PASS
			НСН	RB3#0	19.52	20.37	38.45	PASS
				RB3#2	19.48	20.33	38.45	PASS
				RB3#3	19.44	20.29	38.45	PASS
				RB6#0	19.47	20.32	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	23.6	24.45	38.45	PASS
				RB1#25	23.32	24.17	38.45	PASS
			1.011	RB1#49	23.22	24.07	38.45	PASS
BAND 26	LTE/TM1	10M	LCH MCH HCH	RB25#0	22.5	23.35	38.45	PASS
			11011	RB25#13	22.43	23.28	38.45	PASS
				RB25#25	22.4	23.25	38.45	PASS
				RB50#0	22.1	22.95	38.45	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdic t
				RB1#0	22.2	23.05	38.45	PASS
				RB1#25	21.99	22.84	38.45	PASS
			LCH	RB1#49	22.3	23.15	38.45	PASS
BAND 26	LTE/TM2	10M	LCH MCH HCH	RB25#0	21.2	22.05	38.45	PASS
			ПСП	RB25#13	21.98	22.83	38.45	PASS
				RB25#25	21.99	22.84	38.45	PASS
				RB50#0	21.3	22.15	38.45	PASS

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdic t
BAND 26	LTE/TM3	10M	LCH MCH HCH	RB1#0	20.83	21.68	38.45	PASS
				RB1#25	20.54	21.39	38.45	PASS
				RB1#49	20.82	21.67	38.45	PASS
				RB25#0	19.85	20.7	38.45	PASS
				RB25#13	19.91	20.76	38.45	PASS
				RB25#25	19.9	20.75	38.45	PASS
				RB50#0	19.95	20.8	38.45	PASS

#### Note:

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



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taken to calculate it,

ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd] b: SGP=Signal Generator Level



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### 2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
	TM1/10M	LCH/MCH/HCH	4.58	13	PASS
Band 26	TM2/10M	LCH/MCH/HCH	5.45	13	PASS
	TM3/10M	LCH/MCH/HCH	5.62	13	PASS

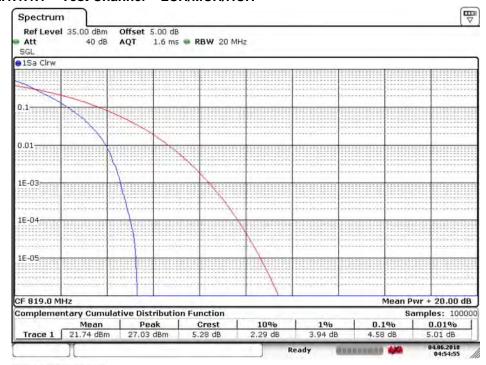
#### Part II - Test Plots

#### 2.1 For LTE

#### 2.1.1 Test Band = LTE BAND 26

#### 2.1.1.1 Test Mode = LTE/TM1.Bandwidth=10MHz

#### 2.1.1.1.1 Test Channel = LCH/MCH/HCH



Date: 4.JUN.2018 04:54:56

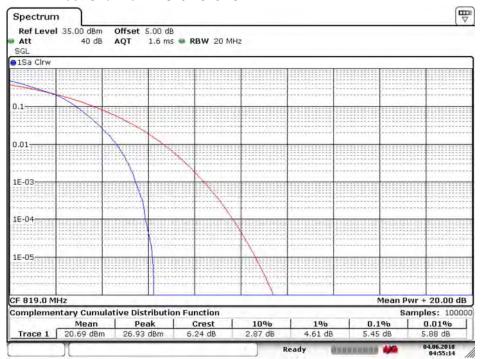


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#### 2.1.1.2 Test Mode = LTE/TM2.Bandwidth=10MHz

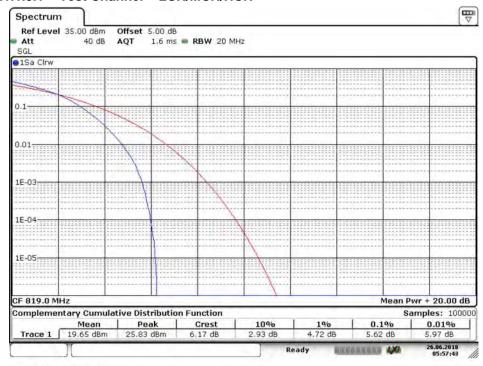
#### 2.1.1.2.1 Test Channel = LCH/MCH/HCH



Date: 4.JUN.2018 04:55:14

#### 2.1.1.3 Test Mode = LTE/TM3.Bandwidth=10MHz

#### 2.1.1.3.1 Test Channel = LCH/MCH/HCH



Date: 26.JUN.2018 05:57:43



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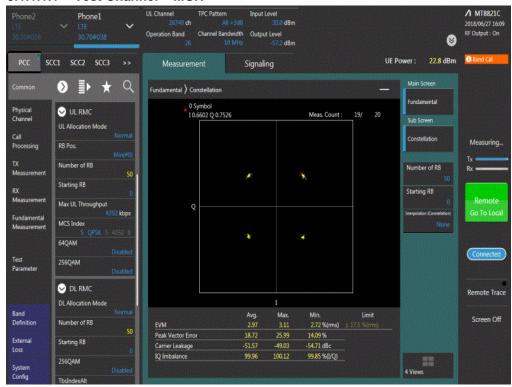
### 3 Modulation Characteristics

#### 3.1 For LTE

#### 3.1.1 Test Band = LTE BAND 26

#### 3.1.1.1 Test Mode = LTE /TM1 10MHz

#### 3.1.1.1.1 Test Channel = MCH



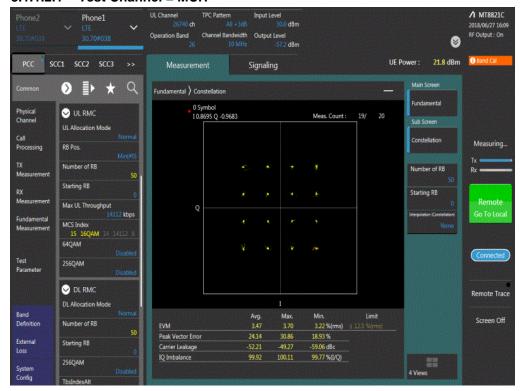


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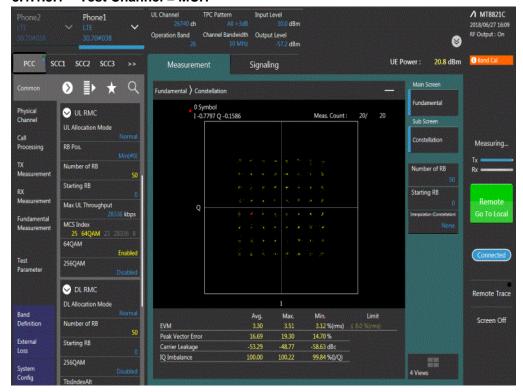
#### 3.1.1.2 Test Mode = LTE /TM2 10MHz

#### 3.1.1.2.1 Test Channel = MCH



#### 3.1.1.3 Test Mode = LTE /TM3 10MHz

#### 3.1.1.3.1 Test Channel = MCH



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#### 4 Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		LCH	1.10	1.25	PASS
	TM1/1.4MHz	MCH	1.10	1.24	PASS
		HCH	1.09	1.24	PASS
		LCH	1.09	1.23	PASS
	TM2/1.4MHz	MCH	1.09	1.24	PASS
		HCH	1.09	1.24	PASS
		LCH	1.09	1.24	PASS
	TM3/1.4MHz	MCH	1.09	1.24	PASS
		HCH	1.09	1.24	PASS
	TM1/3MHz	LCH	2.69	2.90	PASS
		MCH	2.69	2.94	PASS
		HCH	2.69	2.93	PASS
	TM2/3MHz	LCH	2.80	2.91	PASS
		MCH	2.69	2.94	PASS
		HCH	2.69	2.94	PASS
Band 26		LCH	2.68	2.94	PASS
	TM3/3MHz	MCH	2.69	2.91	PASS
		HCH	2.68	2.9	PASS
		LCH	4.47	4.87	PASS
	TM1/5MHz	MCH	4.47	4.86	PASS
		HCH	4.48	4.87	PASS
		LCH	4.48	4.91	PASS
	TM2/5MHz	MCH	4.48	4.88	PASS
		HCH	4.47	4.81	PASS
		LCH	4.47	4.83	PASS
	TM3/5MHz	MCH	4.47	4.87	PASS
		HCH	4.47	4.86	PASS
	TM1/10MHz	LCH/MCH/HCH	8.91	9.49	PASS
	TM2/10MHz	LCH/MCH/HCH	8.91	9.49	PASS
	TM3/10MHz	LCH/MCH/HCH	8.91	9.65	PASS



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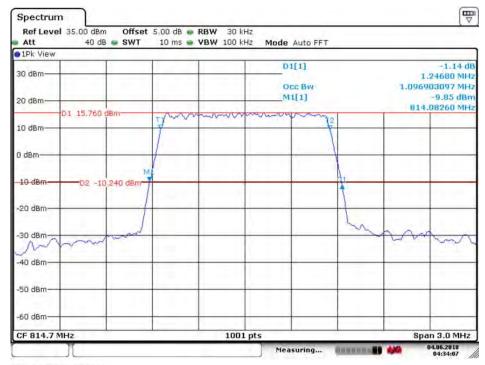
#### Part II -Test Plots

#### 4.1 For LTE

#### 4.1.1 Test Band = LTE BAND 26

#### 4.1.1.1 Test Mode = LTE/TM1 1.4MHz

#### 4.1.1.1.1 Test Channel = LCH



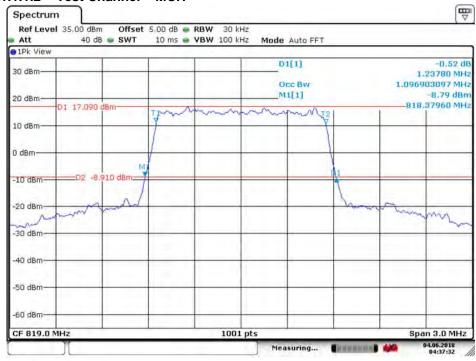
Date: 4.JUN.2018 04:34:07



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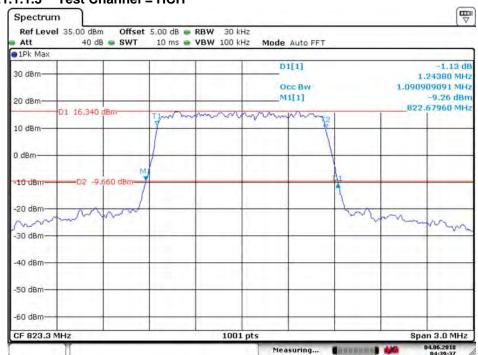
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#### 4.1.1.1.2 Test Channel = MCH



Date: 4.JUN.2018 04:37:32

#### 4.1.1.1.3 Test Channel = HCH



Date: 4.JUN.2018 04:39:38

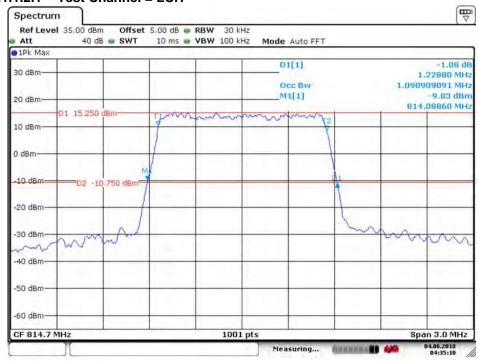


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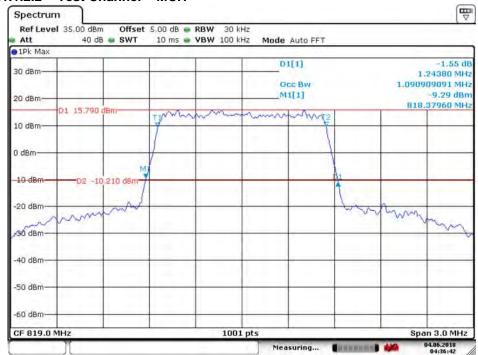
#### 4.1.1.2 Test Mode = LTE/TM2 1.4MHz

#### 4.1.1.2.1 Test Channel = LCH



Date: 4.JUN.2018 04:35:10

#### 4.1.1.2.2 Test Channel = MCH



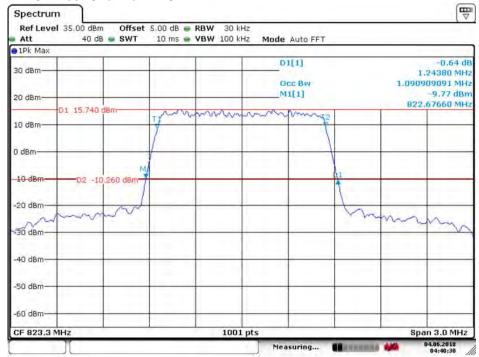
Date: 4.JUN.2018 04:36:43



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#### 4.1.1.2.3 Test Channel = HCH



Date: 4.JUN.2018 04:40:30

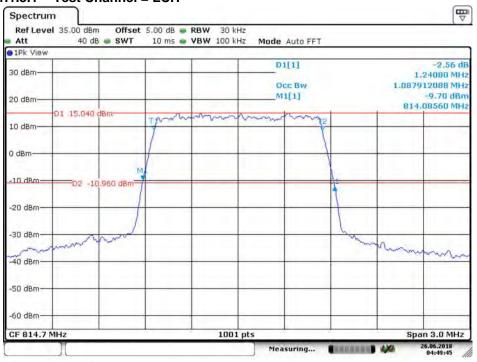


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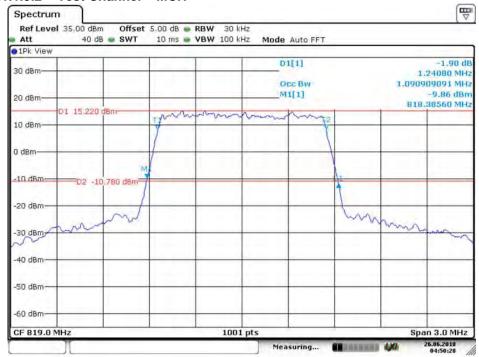
#### 4.1.1.3 Test Mode = LTE/TM3 1.4MHz

#### 4.1.1.3.1 Test Channel = LCH



Date: 26.JUN.2018 04:49:45

#### 4.1.1.3.2 Test Channel = MCH



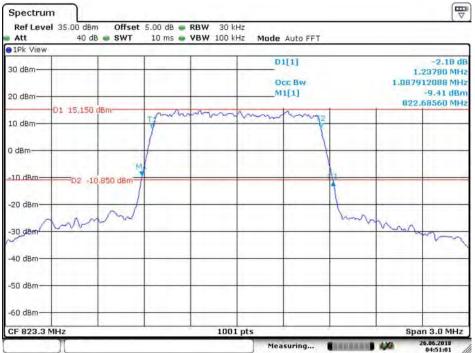
Date: 26.JUN.2018 04:50:28



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#### 4.1.1.3.3 Test Channel = HCH



Date: 26.JUN.2018 04:51:02

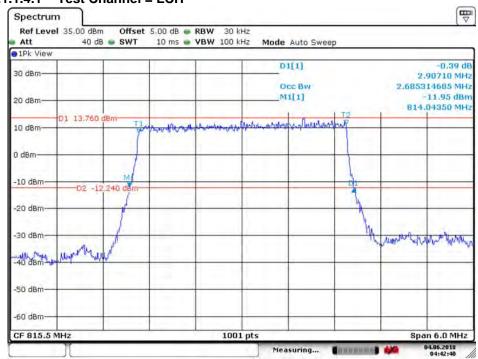


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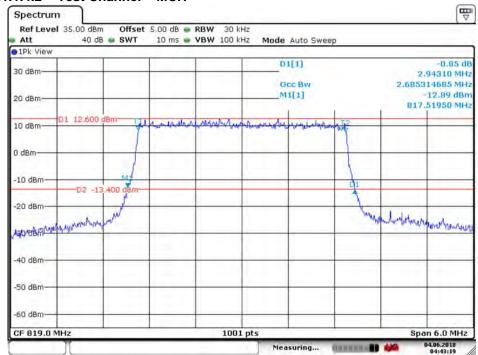
#### 4.1.1.4 Test Mode = LTE/TM1 3MHz

#### 4.1.1.4.1 Test Channel = LCH



Date: 4.JUN.2018 04:42:40

#### 4.1.1.4.2 Test Channel = MCH



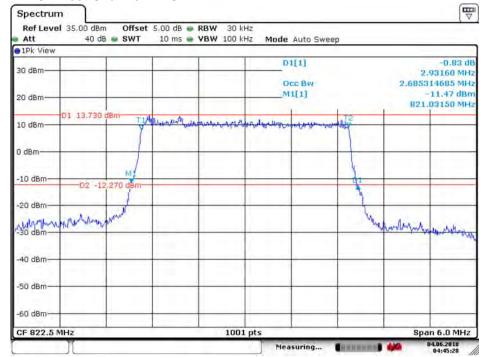
Date: 4.JUN.2018 04:43:20



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#### 4.1.1.4.3 Test Channel = HCH



Date: 4.JUN.2018 04:45:28

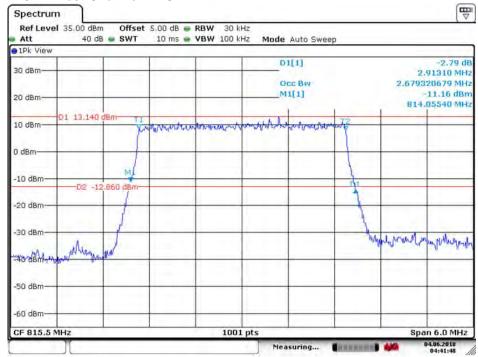


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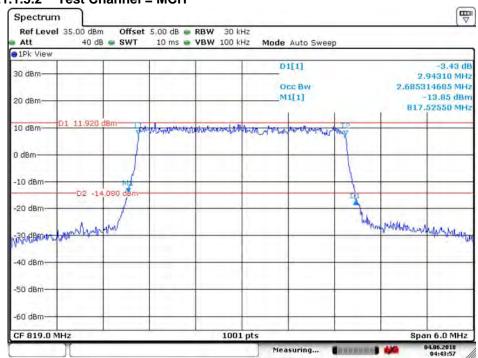
#### 4.1.1.5 Test Mode = LTE/TM2 3MHz

#### 4.1.1.5.1 Test Channel = LCH



Date: 4.JUN.2018 04:41.48

#### 4.1.1.5.2 Test Channel = MCH



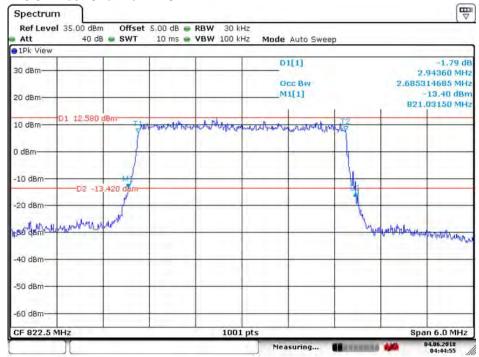
Date: 4.JUN.2018 04:43:58



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#### 4.1.1.5.3 Test Channel = HCH



Date: 4.JUN.2018 04:44:55

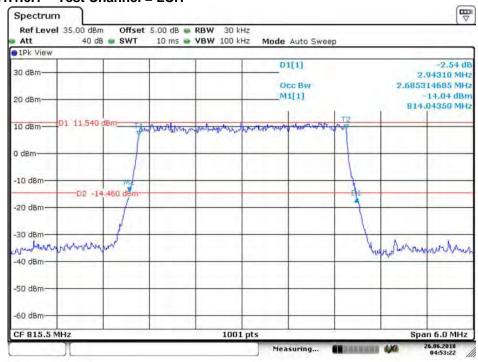


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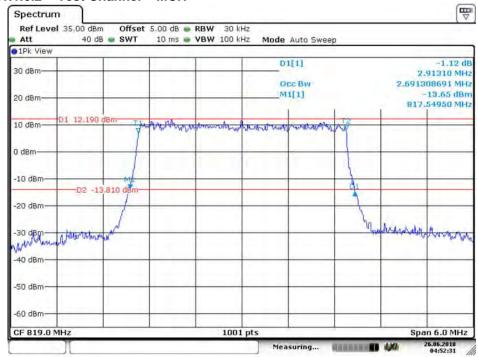
#### 4.1.1.6 Test Mode = LTE/TM3 3MHz

#### 4.1.1.6.1 Test Channel = LCH



Date: 26.JUN.2018 04:53:23

#### 4.1.1.6.2 Test Channel = MCH



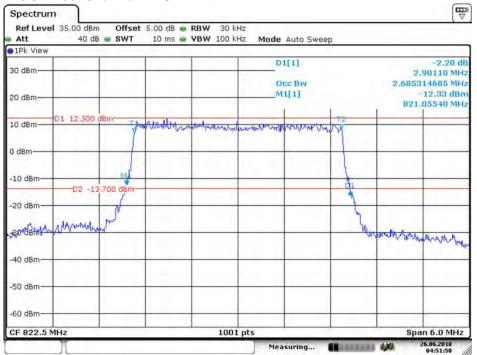
Date: 26.JUN.2018 04:52:31



Report No.: SZEM180500453501

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#### 4.1.1.6.3 Test Channel = HCH



Date: 26.JUN.2018 04:51:50

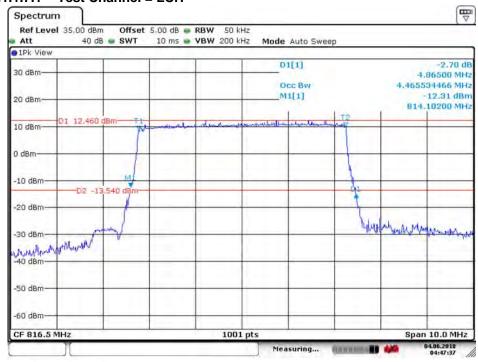


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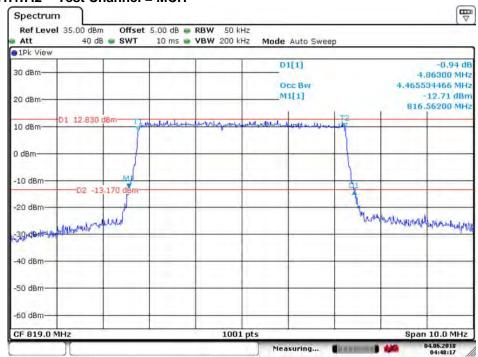
#### 4.1.1.7 Test Mode = LTE/TM1 5MHz

#### 4.1.1.7.1 Test Channel = LCH



Date: 4.JUN.2018 04:47:37

#### 4.1.1.7.2 Test Channel = MCH



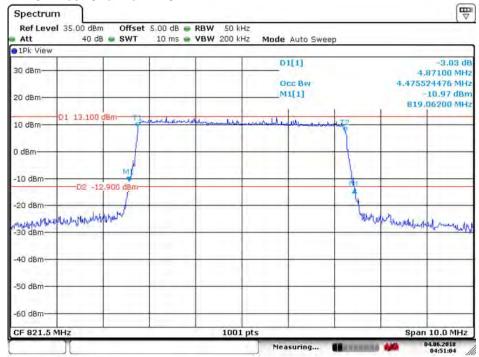
Date: 4.JUN.2018 04:48:18



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#### 4.1.1.7.3 Test Channel = HCH



Date: 4.JUN.2018 04:51:04

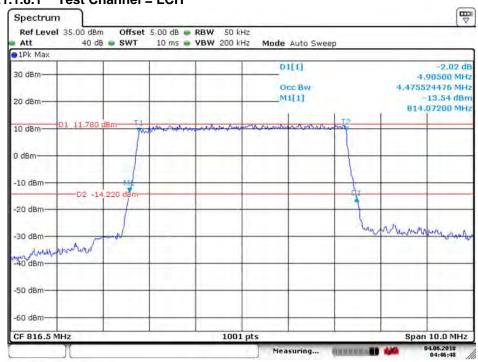


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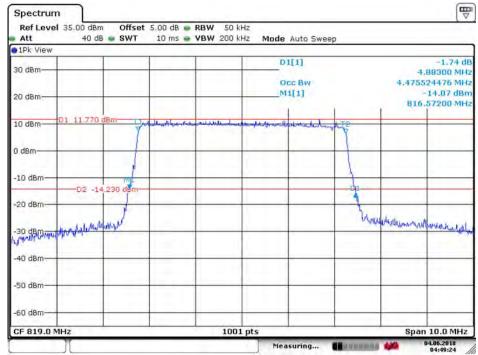
#### 4.1.1.8 Test Mode = LTE/TM2 5MHz

#### 4.1.1.8.1 Test Channel = LCH



Date: 4.JUN.2018 04:46:48

#### 4.1.1.8.2 Test Channel = MCH



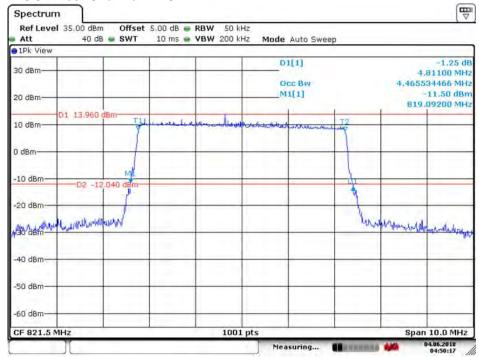
Date: 4.JUN.2018 04:49:25



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#### 4.1.1.8.3 Test Channel = HCH



Date: 4.JUN.2018 04:50:17

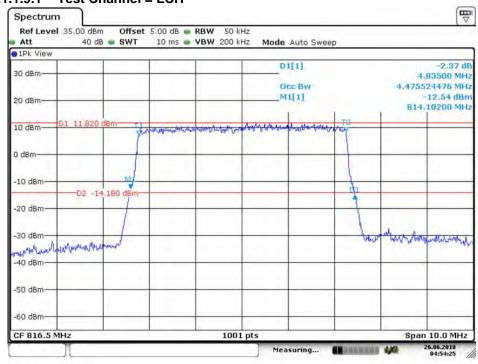


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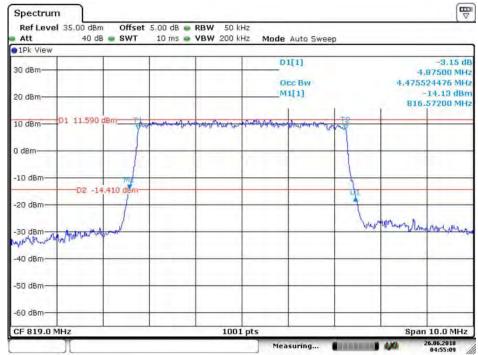
#### 4.1.1.9 Test Mode = LTE/TM3 5MHz

#### 4.1.1.9.1 Test Channel = LCH



Date: 26.JUN.2018 04:54:25

#### 4.1.1.9.2 Test Channel = MCH



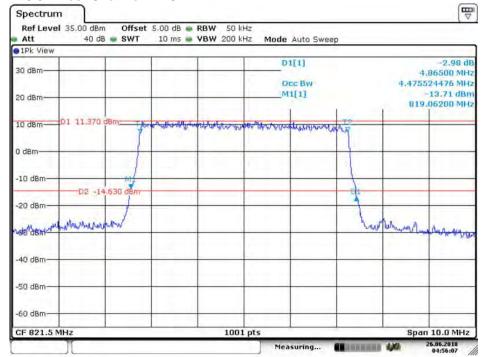
Date: 26.JUN.2018 04:55:09



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#### 4.1.1.9.3 Test Channel = HCH



Date: 26.JUN.2018 04:56:08

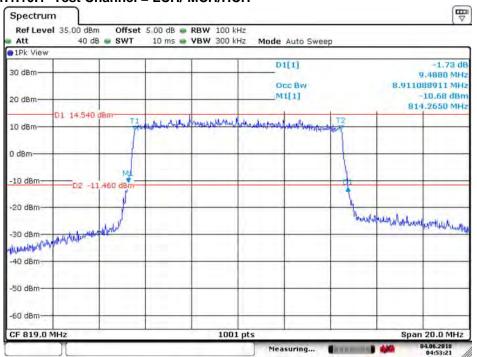


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### 4.1.1.10 Test Mode = LTE/TM1 10MHz

### 4.1.1.10.1 Test Channel = LCH/ MCH/HCH



Date: 4.JUN.2018 04:53:21

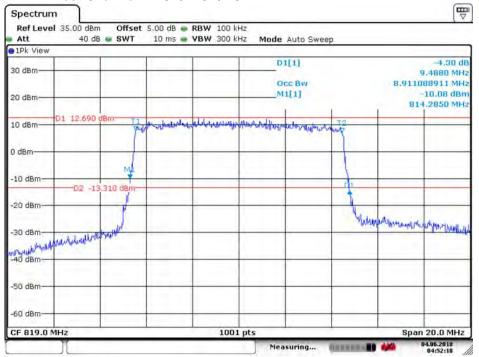


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### 4.1.1.11 Test Mode = LTE/TM2 10MHz

### 4.1.1.11.1 Test Channel = LCH/ MCH/HCH



Date: 4.JUN.2018 04:52:18

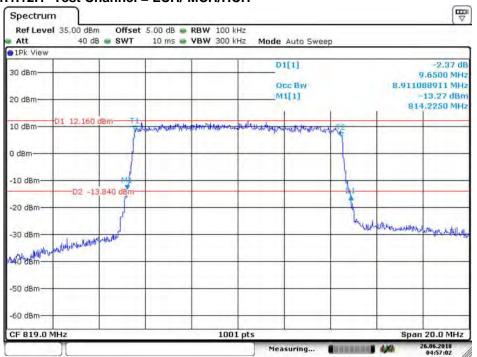


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### 4.1.1.12 Test Mode = LTE/TM3 10MHz

### 4.1.1.12.1 Test Channel = LCH/ MCH/HCH



Date: 26.JUN.2018 04:57:03



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### 5 Emission Mask

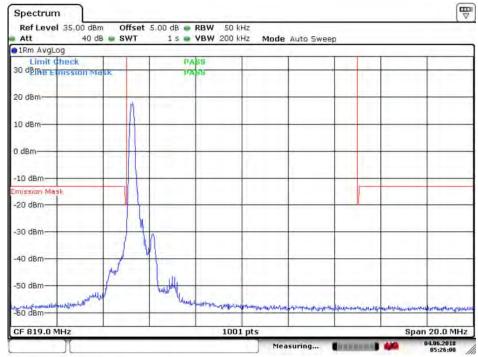
### 5.1 For LTE

### 5.1.1 Test Band = LTE BAND 26

### 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#0



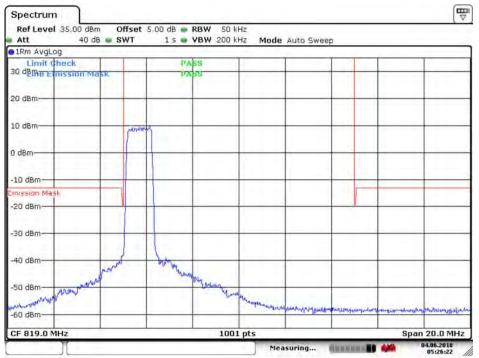
Date: 4.JUN.2018 05:26:01



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### 5.1.1.1.1.2 Test RB=6RB#0



Date: 4.JUN.2018 05:26:22

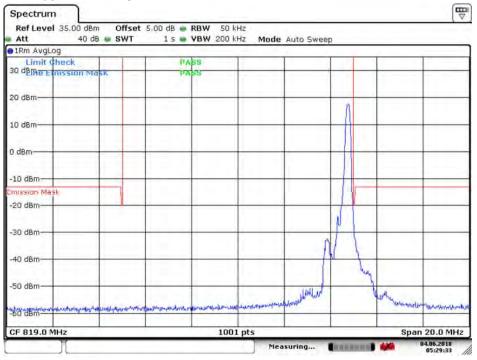


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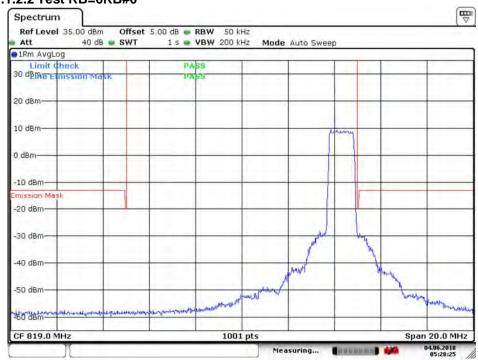
### 5.1.1.1.2 Test Channel = HCH

### 5.1.1.1.2.1 Test RB=1RB#5



Date: 4.JUN.2018 05:29:34

### 5.1.1.1.2.2 Test RB=6RB#0



Date: 4.JUN.2018 05:28:26



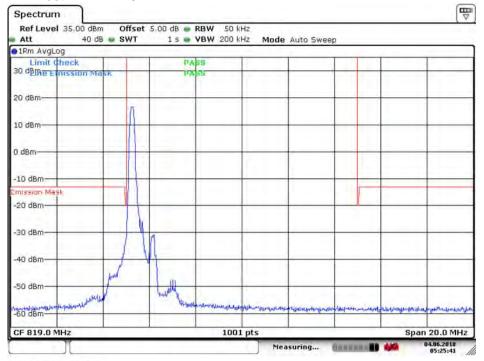
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### 5.1.1.2 Test Mode = LTE/TM2 1.4MHz

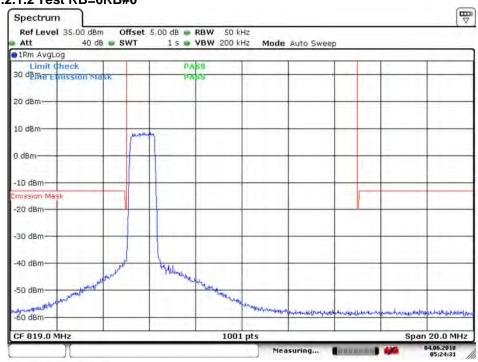
### 5.1.1.2.1 Test Channel = LCH

### 5.1.1.2.1.1 Test RB=1RB#0



Date: 4.JUN.2018 05:25:41

### 5.1.1.2.1.2 Test RB=6RB#0



Date: 4.JUN.2018 05:24:31

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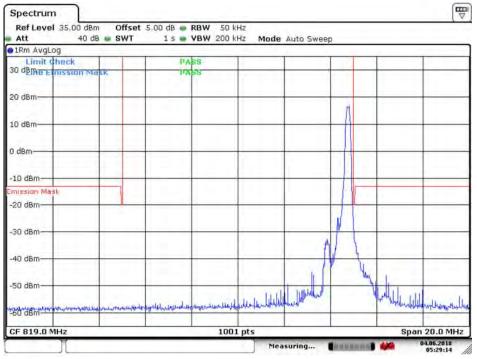


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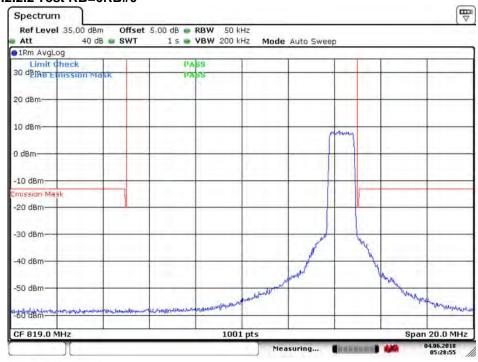
### **5.1.1.2.2** Test Channel = HCH

### 5.1.1.2.2.1 Test RB=1RB#5



Date: 4.JUN.2018 05:29:15

### 5.1.1.2.2.2 Test RB=6RB#0



Date: 4.JUN.2018 05:28:56



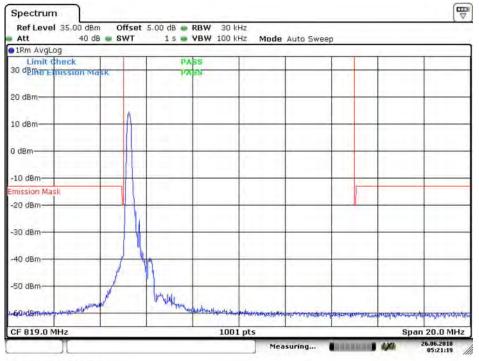
Report No.: SZEM180500453501

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### 5.1.1.3 Test Mode = LTE/TM3 1.4MHz

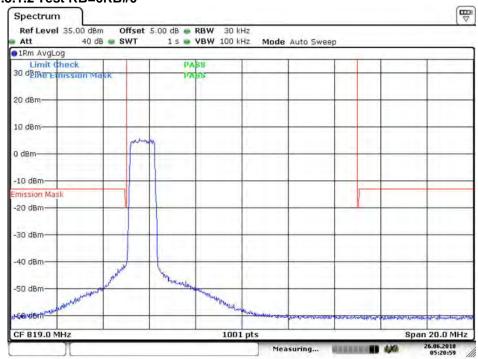
#### 5.1.1.3.1 Test Channel = LCH

### 5.1.1.3.1.1 Test RB=1RB#0



Date: 26.JUN.2018 05:21:20

### 5.1.1.3.1.2 Test RB=6RB#0



Date: 26.JUN.2018 05:20:59

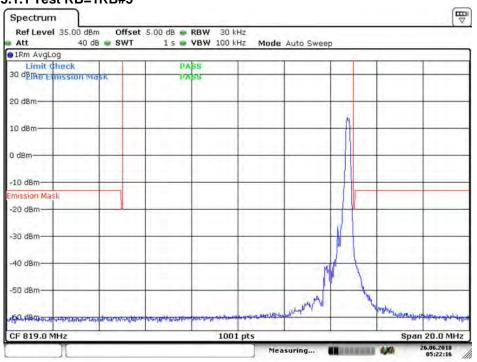


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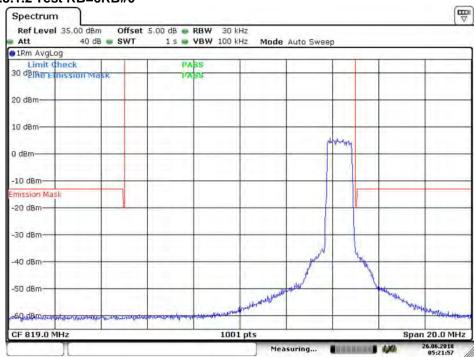
### 5.1.1.3.1 Test Channel = HCH

### 5.1.1.3.1.1 Test RB=1RB#5



Date: 26.JUN.2018 05:22:17

### 5.1.1.3.1.2 Test RB=6RB#0



Date: 26.JUN 2018 05:21:57



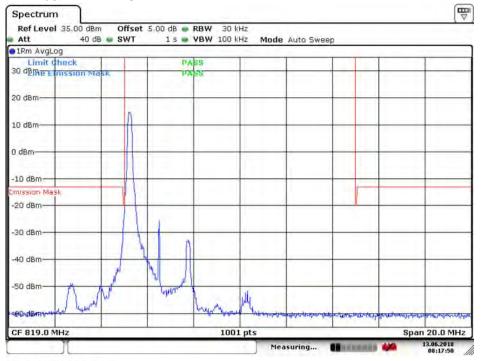
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### 5.1.1.4 Test Mode = LTE/TM1 3MHz

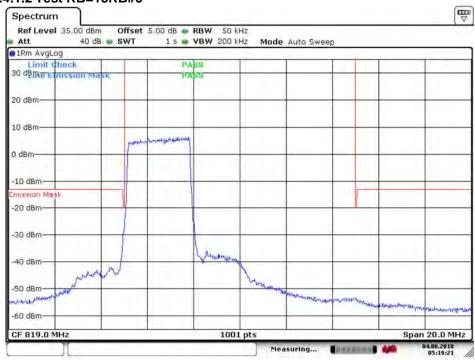
### 5.1.1.4.1 Test Channel = LCH

### 5.1.1.4.1.1 Test RB=1RB#0



Date: 13.JUN.2018 08:17:50

### 5.1.1.4.1.2 Test RB=15RB#0



Date: 4.JUN.2018 05:19:21

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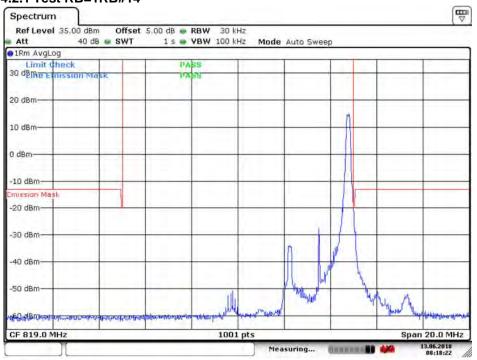


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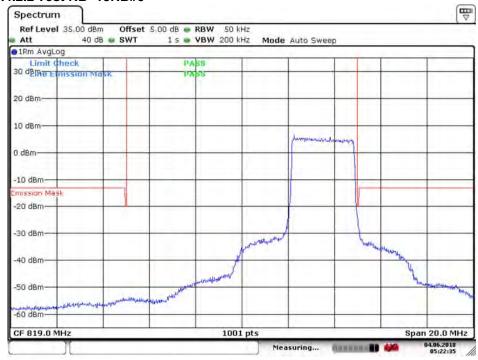
### **5.1.1.4.2** Test Channel = HCH

#### 5.1.1.4.2.1 Test RB=1RB#14



Date: 13.JUN.2018 08:18:22

### 5.1.1.4.2.2 Test RB=15RB#0



Date: 4.JUN.2018 05:22:35



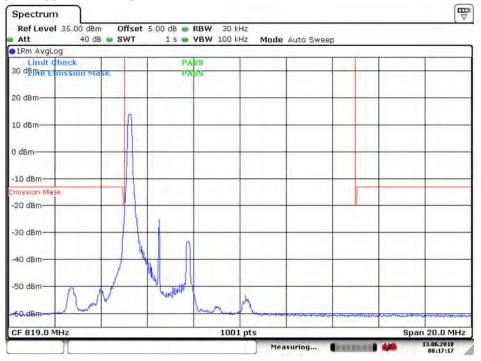
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### 5.1.1.5 Test Mode = LTE/TM2 3MHz

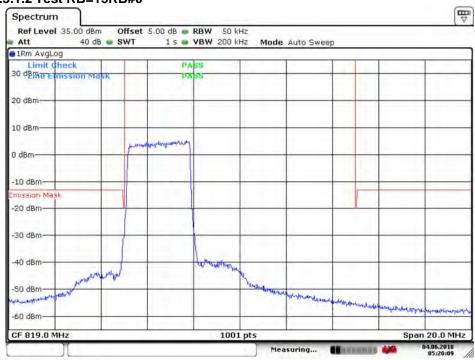
### 5.1.1.5.1 Test Channel = LCH

### 5.1.1.5.1.1 Test RB=1RB#0



Date: 13.JUN.2018 08:17:17

### 5.1.1.5.1.2 Test RB=15RB#0



Date: 4.JUN.2018 05:20:09

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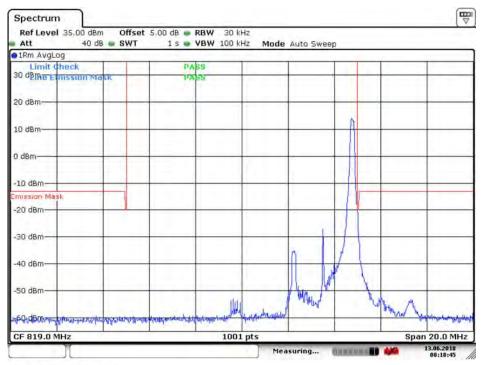


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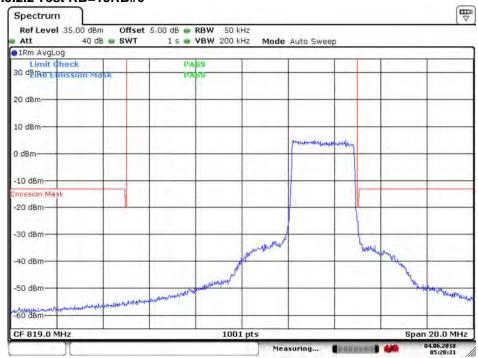
### **5.1.1.5.2** Test Channel = HCH

#### 5.1.1.5.2.1 Test RB=1RB#14



Date: 13.JUN.2018 08:18:45

### 5.1.1.5.2.2 Test RB=15RB#0



Date: 4.JUN.2018 05:20:32

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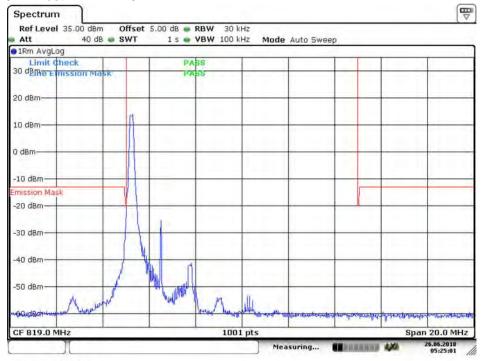
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### 5.1.1.6 Test Mode = LTE/TM3 3MHz

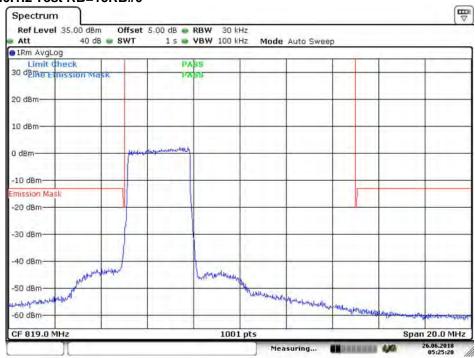
### 5.1.1.6.1 Test Channel = LCH

### 5.1.1.6.1.1 Test RB=1RB#0



Date: 26.JUN.2018 05:25:01

### 5.1.1.6.1.2 Test RB=15RB#0



Date: 26.JUN.2018 05:25:21

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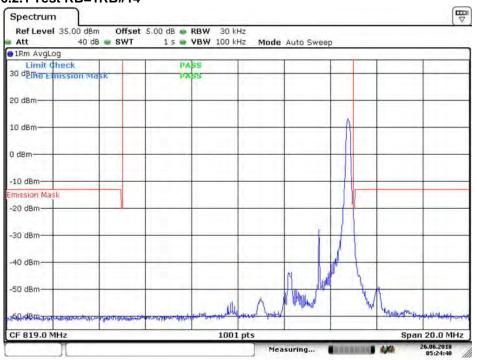


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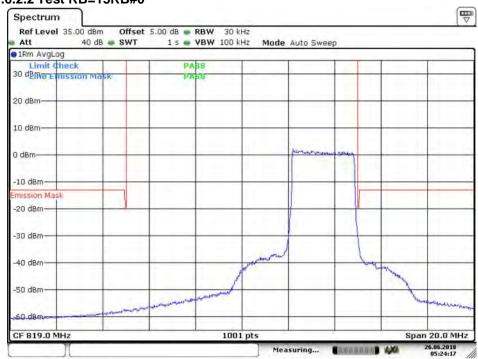
### 5.1.1.6.2 Test Channel = HCH

### 5.1.1.6.2.1 Test RB=1RB#14



Date: 26.JUN.2018 05:24:40

### 5.1.1.6.2.2 Test RB=15RB#0



Date: 26.JUN 2018 05:24:17



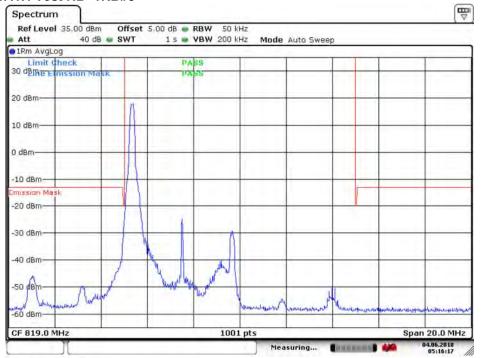
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### 5.1.1.7 Test Mode = LTE/TM1 5MHz

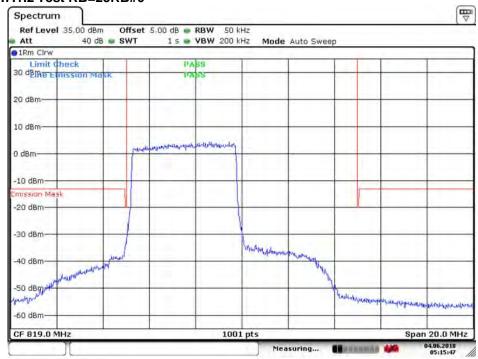
#### 5.1.1.7.1 Test Channel = LCH

### 5.1.1.7.1.1 Test RB=1RB#0



Date: 4.JUN.2018 05:16:18

#### 5.1.1.7.1.2 Test RB=25RB#0



Date: 4.JUN.2018 05:15:47

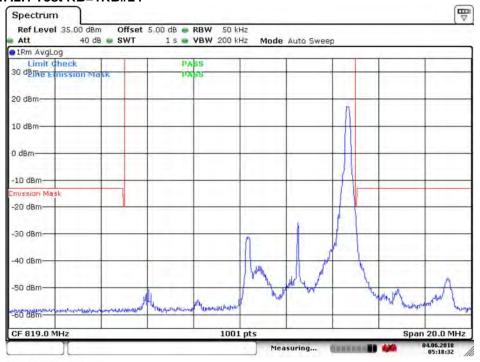


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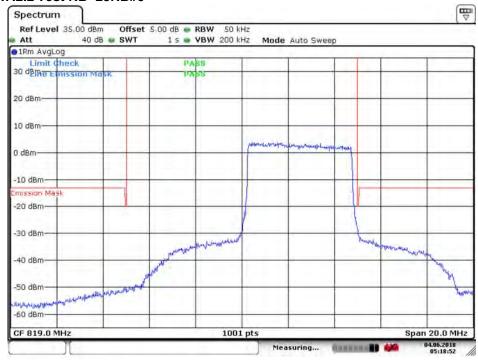
### **5.1.1.7.2** Test Channel = HCH

#### 5.1.1.7.2.1 Test RB=1RB#24



Date: 4.JUN.2018 05:18:32

### 5.1.1.7.2.2 Test RB=25RB#0



Date: 4.JUN.2018 05:18:52



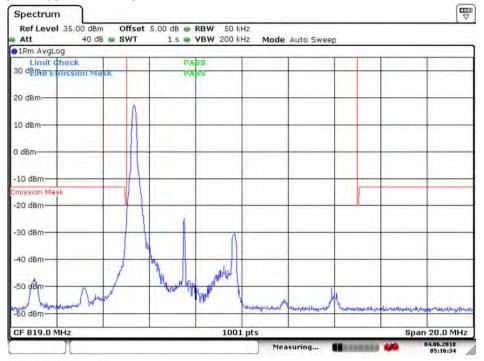
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### 5.1.1.8 Test Mode = LTE/TM2 5MHz

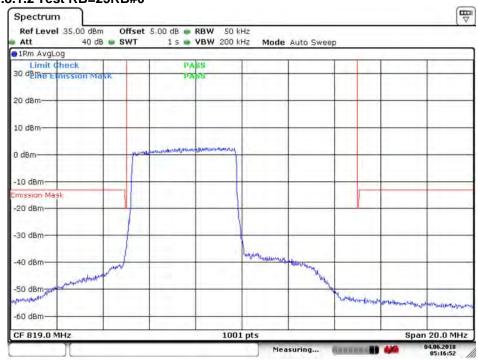
### 5.1.1.8.1 Test Channel = LCH

### 5.1.1.8.1.1 Test RB=1RB#0



Date: 4.JUN.2018 05:16:34

### 5.1.1.8.1.2 Test RB=25RB#0



Date: 4.JUN.2018 05:16:52

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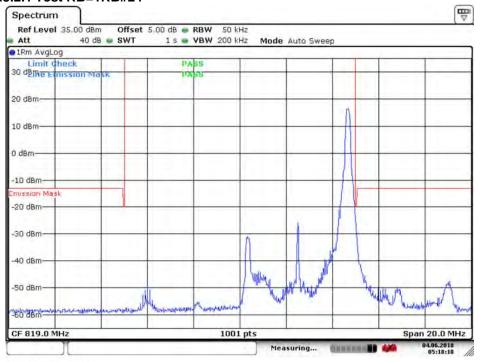


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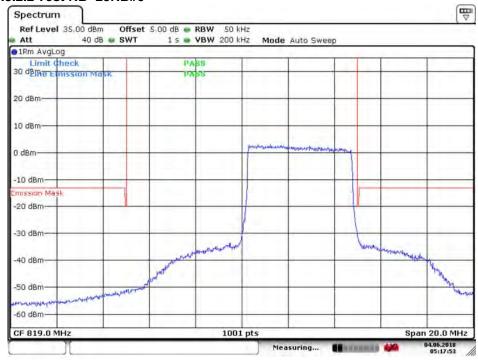
### **5.1.1.8.2** Test Channel = HCH

#### 5.1.1.8.2.1 Test RB=1RB#24



Date: 4.JUN.2018 05:18:18

### 5.1.1.8.2.2 Test RB=25RB#0



Date: 4.JUN.2018 05:17:53



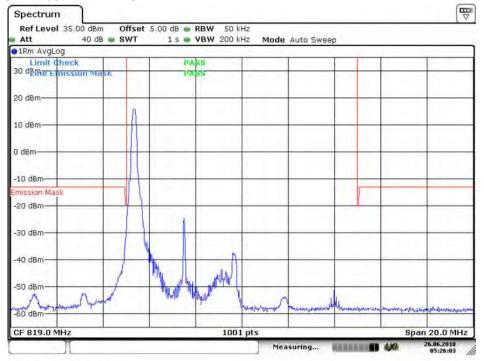
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### 5.1.1.9 Test Mode = LTE/TM3 5MHz

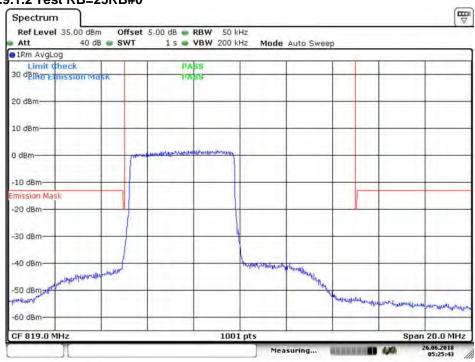
### 5.1.1.9.1 Test Channel = LCH

### 5.1.1.9.1.1 Test RB=1RB#0



Date: 26.JUN.2018 05:26:03

### 5.1.1.9.1.2 Test RB=25RB#0



Date: 26 JUN 2018 05:25:43

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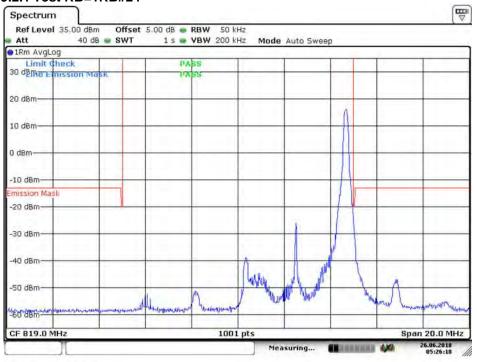


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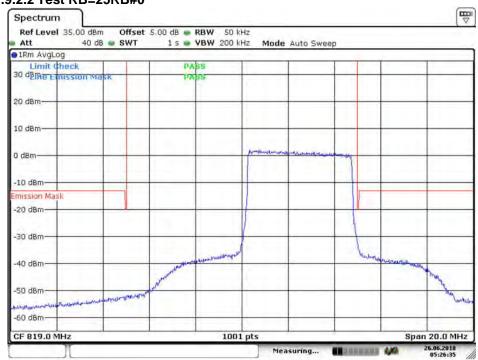
### 5.1.1.9.2 Test Channel = HCH

### 5.1.1.9.2.1 Test RB=1RB#24



Date: 26.JUN.2018 05:26:19

### 5.1.1.9.2.2 Test RB=25RB#0



Date: 26.JUN.2018 05:26:36



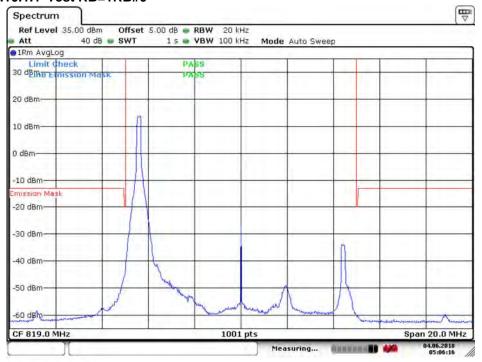
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### 5.1.1.10 Test Mode = LTE/TM1 10MHz

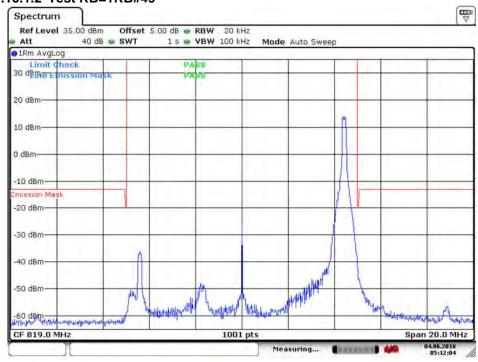
### 5.1.1.10.1 Test Channel = MCH

### 5.1.1.10.1.1 Test RB=1RB#0



Date: 4.JUN.2018 05:06:16

#### 5.1.1.10.1.2 Test RB=1RB#49



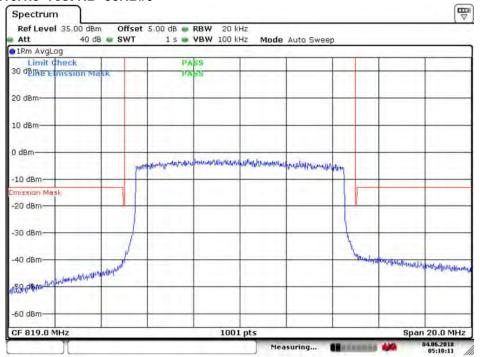
Date: 4.JUN.2018 05:12:05



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### 5.1.1.10.1.3 Test RB=50RB#0



Date: 4.JUN.2018 05:10:11



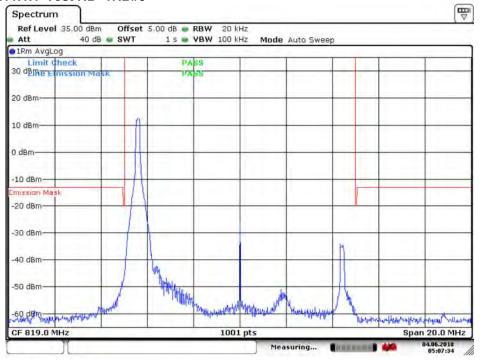
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### 5.1.1.11 Test Mode = LTE/TM2 10MHz

### 5.1.1.11.1 Test Channel = MCH

### 5.1.1.11.1.1 Test RB=1RB#0



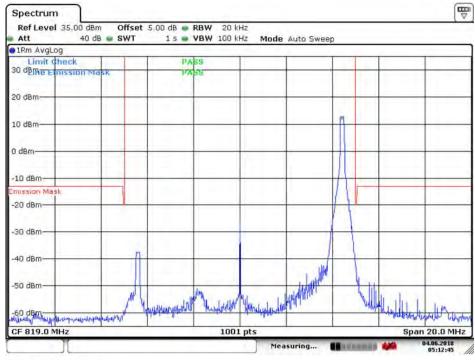
Date: 4.JUN.2018 05:07:34



Report No.: SZEM180500453501

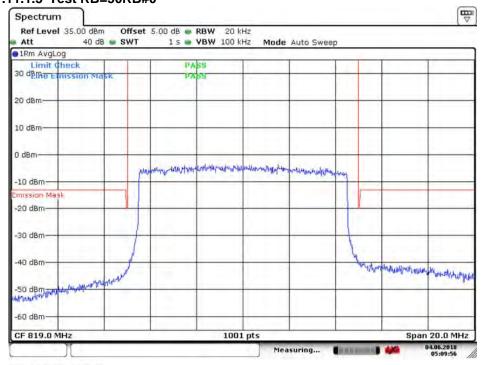
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### 5.1.1.11.1.2 Test RB=1RB#49



Date: 4.JUN.2018 05:12:45

### 5.1.1.11.1.3 Test RB=50RB#0



Date: 4.JUN.2018 05:09:56



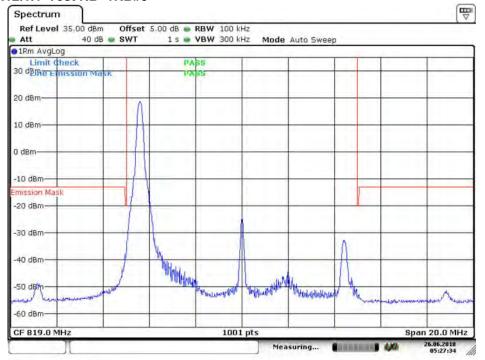
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### 5.1.1.12 Test Mode = LTE/TM3 10MHz

### **5.1.1.12.1 Test Channel = MCH**

### 5.1.1.12.1.1 Test RB=1RB#0



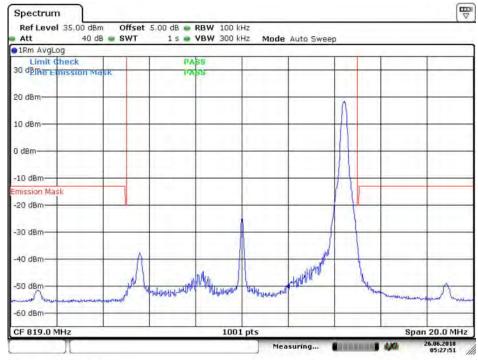
Date: 26.JUN.2018 05:27:35



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### 5.1.1.12.1.2 Test RB=1RB#49



Date: 26.JUN.2018 05:27:51

### 5.1.1.12.1.3 Test RB=50RB#0



Date: 26.JUN.2018 05:27:02



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### 6 Spurious Emission at Antenna Terminal

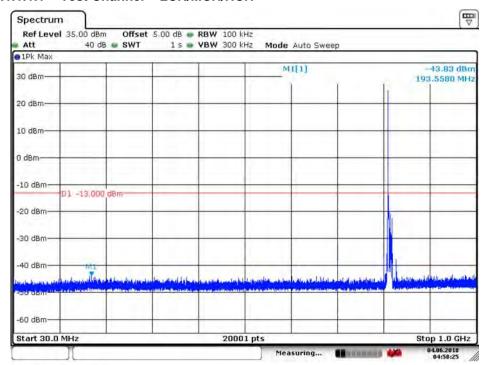
NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k \* (Span / RBW)" with k = 4 \* (Span / RBW) with k = 4 \* (Span / RBW) with k = 4 \* (Span / RBW) with k = 4 \* (Span / RBW).

Part I - Test Plots

### 6.1 For LTE

### 6.1.1.1 Test Mode = LTE / TM1 10MHz RB1#0

### 6.1.1.1.1 Test Channel = LCH/MCH/HCH

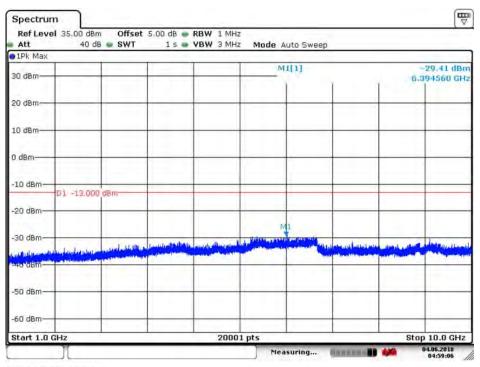


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Date: 4.JUN.2018 04:59:07



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### 7 Field Strength of Spurious Radiation

### 7.1 For LTE

### 7.1.1 Test Band = LTE BAND 26

### 7.1.1.1 Test Mode =LTE/TM1 10MHz RB1#0

7.1.1.1.1 Test Channel = LCH/MCH/HCH

	11.1.1 Test Chamber - Echywory Hon						
Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization			
63.740000	-81.88	-13.00	68.88	Vertical			
124.966667	-85.93	-13.00	72.93	Vertical			
181.620000	-81.47	-13.00	68.47	Vertical			
1545.500000	-66.55	-13.00	53.55	Vertical			
3275.925000	-67.54	-13.00	54.54	Vertical			
3455.812500	-68.00	-13.00	55.00	Vertical			
62.526667	-77.76	-13.00	64.76	Horizontal			
183.580000	-72.80	-13.00	59.80	Horizontal			
1629.000000	-65.05	-13.00	52.05	Horizontal			
2398.000000	-58.89	-13.00	45.89	Horizontal			
3275.925000	-68.25	-13.00	55.25	Horizontal			
3455.812500	-66.66	-13.00	53.66	Horizontal			

### NOTE:

- 1) All modes are tested, but the data presented above is the worst case. 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.



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### 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
LTE BAND 26	LTE/TM1 10MHz	LCH/MCH/HCH	TN	VL	-11.52	-0.004986	PASS
				VN	-6.71	-0.002905	PASS
				VH	-0.25	-0.000107	PASS
	LTE/TM2 10MHz	LCH/MCH/HCH	TN	VL	-3.86	-0.004613	PASS
				VN	-0.16	-0.000190	PASS
				VH	-9.60	-0.011472	PASS
	LTE/TM3 10MHz	LCH/MCH/HCH	TN	VL	-8.40	-0.010254	PASS
				VN	-6.25	-0.007629	PASS
				VH	-8.56	-0.010448	PASS



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### 8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE BAND 26		LCH/MCH/HCH	VN	-30	-6.53	-0.002826	PASS
	LTE/TM1 10MHz			-20	5.35	0.002317	PASS
				-10	-5.55	-0.002404	PASS
				0	8.28	0.003586	PASS
				10	3.70	0.001602	PASS
				20	3.34	0.001445	PASS
				30	3.17	0.001373	PASS
				40	8.65	0.003746	PASS
				50	9.71	0.004204	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE BAND 26	LTE/TM2 10MHz	LCH/MCH/HCH	VN	-30	-9.17	-0.010959	PASS
				-20	-6.02	-0.007197	PASS
				-10	-7.96	-0.009520	PASS
				0	8.82	0.010547	PASS
				10	-3.52	-0.004209	PASS
				20	-0.54	-0.000651	PASS
				30	-6.10	-0.007289	PASS
				40	7.37	0.008814	PASS
				50	-3.80	-0.004546	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		LCH/MCH/HCH	VN	-30	-2.45	-0.002991	PASS
	LTE/TM3 10MHz			-20	-1.30	-0.001584	PASS
				-10	0.85	0.001033	PASS
				0	-1.80	-0.002195	PASS
				10	5.88	0.007174	PASS
				20	6.41	0.007825	PASS
				30	9.14	0.011155	PASS
				40	-5.37	-0.006553	PASS
				50	-6.34	-0.007738	PASS