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# Appendix B

Test Data for SZEM1610008522RG



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### **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			
				RB1#0	22.74	25.10	33.00	PASS			
				RB1#2	22.52	24.88	33.00	PASS			
				RB1#5	22.73	25.09	33.00	PASS			
			LCH	RB3#0	21.66	24.02	33.00	PASS			
				RB3#2	21.67	24.03	33.00	PASS			
				RB3#3	21.67	24.03	33.00	PASS			
				RB6#0	21.69	24.05	33.00	PASS			
				RB1#0	22.75	25.11	33.00	PASS			
				RB1#2	22.60	24.96	33.00	PASS			
				RB1#5	22.59	24.95	33.00	PASS			
BAND2	LTE/TM1	1.4M	MCH	RB3#0	21.65	24.01	33.00	PASS			
				RB3#2	21.61	23.97	33.00	PASS			
				RB3#3	21.64	24.00	33.00	PASS			
				RB6#0	21.63	23.99	33.00	PASS			
				RB1#0	22.67	25.03	33.00	PASS			
				RB1#2	22.50	24.86	33.00	PASS			
				RB1#5	22.50	24.86	33.00	PASS			
			НСН	RB3#0	21.62	23.98	33.00	PASS			
				RB3#2	21.51	23.87	33.00	PASS			
				RB3#3	21.53	23.89	33.00	PASS			
				RB6#0	21.51	23.87	33.00	PASS			



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	21.65	24.01	33.00	PASS
				RB1#2	21.53	23.89	33.00	PASS
				RB1#5	21.59	23.95	33.00	PASS
			LCH	RB3#0	20.31	22.67	33.00	PASS
				RB3#2	20.29	22.65	33.00	PASS
				RB3#3	20.3	22.66	33.00	PASS
				RB6#0	20.3	22.66	33.00	PASS
				RB1#0	21.78	24.14	33.00	PASS
				RB1#2	21.53	23.89	33.00	PASS
				RB1#5	21.58	23.94	33.00	PASS
BAND2	LTE/TM2	1.4M	MCH	RB3#0	20.31	22.67	33.00	PASS
				RB3#2	20.22	22.58	33.00	PASS
				RB3#3	20.3	22.66	33.00	PASS
				RB6#0	20.37	22.73	33.00	PASS
				RB1#0	21.63	23.99	33.00	PASS
				RB1#2	21.42	23.78	33.00	PASS
				RB1#5	21.45	23.81	33.00	PASS
			НСН	RB3#0	20.28	22.64	33.00	PASS
				RB3#2	20.21	22.57	33.00	PASS
				RB3#3	20.14	22.50	33.00	PASS
				RB6#0	20.24	22.60	33.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	20.46	22.82	33.00	PASS
				RB1#2	20.29	22.65	33.00	PASS
				RB1#5	20.28	22.64	33.00	PASS
			LCH	RB3#0	19.40	21.76	33.00	PASS
				RB3#2	19.46	21.82	33.00	PASS
				RB3#3	19.48	21.84	33.00	PASS
				RB6#0	19.39	21.75	33.00	PASS
				RB1#0	20.55	22.91	33.00	PASS
				RB1#2	20.48	22.84	33.00	PASS
				RB1#5	20.46	22.82	33.00	PASS
BAND2	LTE/TM3	1.4M	MCH	RB3#0	19.55	21.91	33.00	PASS
				RB3#2	19.47	21.83	33.00	PASS
				RB3#3	19.35	21.71	33.00	PASS
				RB6#0	19.27	21.63	33.00	PASS
				RB1#0	20.57	22.93	33.00	PASS
				RB1#2	20.28	22.64	33.00	PASS
				RB1#5	20.36	22.72	33.00	PASS
			НСН	RB3#0	19.43	21.79	33.00	PASS
				RB3#2	19.56	21.92	33.00	PASS
				RB3#3	19.56	21.92	33.00	PASS
				RB6#0	19.45	21.81	33.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	22.74	25.10	33.00	PASS
				RB1#7	22.57	24.93	33.00	PASS
				RB1#14	22.73	25.09	33.00	PASS
			LCH	RB8#0	21.68	24.04	33.00	PASS
				RB8#4	21.67	24.03	33.00	PASS
				RB8#7	21.71	24.07	33.00	PASS
				RB15#0	21.74	24.10	33.00	PASS
				RB1#0	22.76	25.12	33.00	PASS
				RB1#7	22.64	25.00	33.00	PASS
				RB1#14	22.61	24.97	33.00	PASS
BAND2	LTE/TM1	3M	MCH	RB8#0	21.69	24.05	33.00	PASS
				RB8#4	21.64	24.00	33.00	PASS
				RB8#7	21.65	24.01	33.00	PASS
				RB15#0	21.66	24.02	33.00	PASS
				RB1#0	22.68	25.04	33.00	PASS
				RB1#7	22.5	24.86	33.00	PASS
				RB1#14	22.55	24.91	33.00	PASS
			НСН	RB8#0	21.64	24.00	33.00	PASS
				RB8#4	21.55	23.91	33.00	PASS
				RB8#7	21.56	23.92	33.00	PASS
				RB15#0	21.54	23.90	33.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	21.60	23.96	33.00	PASS
				RB1#7	21.49	23.85	33.00	PASS
				RB1#14	21.56	23.92	33.00	PASS
			LCH	RB8#0	20.28	22.64	33.00	PASS
				RB8#4	20.25	22.61	33.00	PASS
				RB8#7	20.24	22.60	33.00	PASS
				RB15#0	20.27	22.63	33.00	PASS
				RB1#0	21.72	24.08	33.00	PASS
				RB1#7	21.46	23.82	33.00	PASS
				RB1#14	21.51	23.87	33.00	PASS
BAND2	LTE/TM2	3M	MCH	RB8#0	20.28	22.64	33.00	PASS
				RB8#4	20.2	22.56	33.00	PASS
				RB8#7	20.24	22.60	33.00	PASS
				RB15#0	20.30	22.66	33.00	PASS
				RB1#0	21.59	23.95	33.00	PASS
				RB1#7	21.36	23.72	33.00	PASS
				RB1#14	21.41	23.77	33.00	PASS
			НСН	RB8#0	20.22	22.58	33.00	PASS
				RB8#4	20.16	22.52	33.00	PASS
				RB8#7	20.08	22.44	33.00	PASS
				RB15#0	20.18	22.54	33.00	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	20.49	22.85	33.00	PASS
				RB1#7	20.31	22.67	33.00	PASS
				RB1#14	20.32	22.68	33.00	PASS
			LCH	RB8#0	19.42	21.78	33.00	PASS
				RB8#4	19.46	21.82	33.00	PASS
				RB8#7	19.50	21.86	33.00	PASS
				RB15#0	19.40	21.76	33.00	PASS
				RB1#0	20.57	22.93	33.00	PASS
				RB1#7	20.51	22.87	33.00	PASS
				RB1#14	20.49	22.85	33.00	PASS
BAND2	LTE/TM3	3M	MCH	RB8#0	19.58	21.94	33.00	PASS
				RB8#4	19.48	21.84	33.00	PASS
				RB8#7	19.39	21.75	33.00	PASS
				RB15#0	19.28	21.64	33.00	PASS
				RB1#0	20.60	22.96	33.00	PASS
				RB1#7	20.30	22.66	33.00	PASS
				RB1#14	20.37	22.73	33.00	PASS
			НСН	RB8#0	19.46	21.82	33.00	PASS
				RB8#4	19.56	21.92	33.00	PASS
				RB8#7	19.59	21.95	33.00	PASS
				RB15#0	19.46	21.82	33.00	PASS



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					i age.	EIDD		
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	22.75	25.11	33.00	PASS
				RB1#13	22.62	24.98	33.00	PASS
				RB1#24	22.73	25.09	33.00	PASS
			LCH	RB12#0	21.71	24.07	33.00	PASS
				RB12#6	21.71	24.07	33.00	PASS
				RB12#13	21.71	24.07	33.00	PASS
				RB25#0	21.75	24.11	33.00	PASS
				RB1#0	22.78	25.14	33.00	PASS
				RB1#13	22.66	25.02	33.00	PASS
				RB1#24	22.65	25.01	33.00	PASS
BAND2	LTE/TM1	5M	MCH	RB12#0	21.69	24.05	33.00	PASS
				RB12#6	21.65	24.01	33.00	PASS
				RB12#13	21.66	24.02	33.00	PASS
				RB25#0	21.68	24.04	33.00	PASS
				RB1#0	22.72	25.08	33.00	PASS
				RB1#13	22.51	24.87	33.00	PASS
				RB1#24	22.58	24.94	33.00	PASS
			HCH	RB12#0	21.65	24.01	33.00	PASS
				RB12#6	21.55	23.91	33.00	PASS
				RB12#13	21.60	23.96	33.00	PASS
				RB25#0	21.58	23.94	33.00	PASS



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					i age.	10 01 2		
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	21.66	24.02	33.00	PASS
				RB1#13	21.56	23.92	33.00	PASS
				RB1#24	21.61	23.97	33.00	PASS
			LCH	RB12#0	20.37	22.73	33.00	PASS
				RB12#6	20.33	22.69	33.00	PASS
				RB12#13	20.31	22.67	33.00	PASS
				RB25#0	20.35	22.71	33.00	PASS
				RB1#0	21.78	24.14	33.00	PASS
				RB1#13	21.52	23.88	33.00	PASS
				RB1#24	21.6	23.96	33.00	PASS
BAND2	LTE/TM2	5M	MCH	RB12#0	20.33	22.69	33.00	PASS
				RB12#6	20.27	22.63	33.00	PASS
				RB12#13	20.29	22.65	33.00	PASS
				RB25#0	20.37	22.73	33.00	PASS
				RB1#0	21.67	24.03	33.00	PASS
				RB1#13	21.42	23.78	33.00	PASS
				RB1#24	21.49	23.85	33.00	PASS
			HCH	RB12#0	20.29	22.65	33.00	PASS
				RB12#6	20.25	22.61	33.00	PASS
				RB12#13	20.18	22.54	33.00	PASS
				RB25#0	20.24	22.60	33.00	PASS



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					i age.			
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	20.48	22.84	33.00	PASS
				RB1#13	20.31	22.67	33.00	PASS
				RB1#24	20.30	22.66	33.00	PASS
			LCH	RB12#0	19.41	21.77	33.00	PASS
				RB12#6	19.46	21.82	33.00	PASS
				RB12#13	19.48	21.84	33.00	PASS
				RB25#0	19.39	21.75	33.00	PASS
				RB1#0	20.56	22.92	33.00	PASS
				RB1#13	20.51	22.87	33.00	PASS
				RB1#24	20.47	22.83	33.00	PASS
BAND2	LTE/TM3	5M	MCH	RB12#0	19.57	21.93	33.00	PASS
				RB12#6	19.47	21.83	33.00	PASS
				RB12#13	19.37	21.73	33.00	PASS
				RB25#0	19.29	21.65	33.00	PASS
				RB1#0	20.58	22.94	33.00	PASS
				RB1#13	20.29	22.65	33.00	PASS
				RB1#24	20.37	22.73	33.00	PASS
			HCH	RB12#0	19.46	21.82	33.00	PASS
				RB12#6	19.56	21.92	33.00	PASS
				RB12#13	19.58	21.94	33.00	PASS
				RB25#0	19.46	21.82	33.00	PASS



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					i age.	12 01 2		
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	22.79	25.15	33.00	PASS
				RB1#25	22.65	25.01	33.00	PASS
				RB1#49	22.76	25.12	33.00	PASS
			LCH	RB25#0	21.73	24.09	33.00	PASS
				RB25#13	21.71	24.07	33.00	PASS
				RB25#25	21.72	24.08	33.00	PASS
				RB50#0	21.76	24.12	33.00	PASS
				RB1#0	22.82	25.18	33.00	PASS
				RB1#25	22.66	25.02	33.00	PASS
				RB1#49	22.67	25.03	33.00	PASS
BAND2	LTE/TM1	10M	MCH	RB25#0	21.71	24.07	33.00	PASS
				RB25#13	21.66	24.02	33.00	PASS
				RB25#25	21.66	24.02	33.00	PASS
				RB50#0	21.71	24.07	33.00	PASS
				RB1#0	22.75	25.11	33.00	PASS
				RB1#25	22.54	24.90	33.00	PASS
				RB1#49	22.59	24.95	33.00	PASS
			НСН	RB25#0	21.65	24.01	33.00	PASS
				RB25#13	21.59	23.95	33.00	PASS
				RB25#25	21.64	24.00	33.00	PASS
				RB50#0	21.61	23.97	33.00	PASS



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				ı	i age.		-50	1
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP	limit (dBm)	Verdict
				RB1#0	21.74	(dBm) 24.10	33.00	PASS
				RB1#25	21.60	23.96	33.00	PASS
				RB1#49	21.65	24.01	33.00	PASS
			LCH	RB25#0	20.45	22.81	33.00	PASS
				RB25#13	20.41	22.77	33.00	PASS
				RB25#25	20.37	22.73	33.00	PASS
				RB50#0	20.42	22.78	33.00	PASS
				RB1#0	21.83	24.19	33.00	PASS
				RB1#25	21.61	23.97	33.00	PASS
				RB1#49	21.69	24.05	33.00	PASS
BAND2	LTE/TM2	10M	МСН	RB25#0	20.42	22.78	33.00	PASS
				RB25#13	20.34	22.70	33.00	PASS
				RB25#25	20.34	22.70	33.00	PASS
				RB50#0	20.42	22.78	33.00	PASS
				RB1#0	21.72	24.08	33.00	PASS
				RB1#25	21.5	23.86	33.00	PASS
				RB1#49	21.54	23.90	33.00	PASS
			НСН	RB25#0	20.36	22.72	33.00	PASS
				RB25#13	20.31	22.67	33.00	PASS
				RB25#25	20.25	22.61	33.00	PASS
				RB50#0	20.3	22.66	33.00	PASS



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	i aye.									
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict		
				RB1#0	20.51	22.87	33.00	PASS		
				RB1#25	20.32	22.68	33.00	PASS		
				RB1#49	20.31	22.67	33.00	PASS		
			LCH	RB25#0	19.43	21.79	33.00	PASS		
				RB25#13	19.49	21.85	33.00	PASS		
		10M		RB25#25	19.50	21.86	33.00	PASS		
				RB50#0	19.42	21.78	33.00	PASS		
			МСН	RB1#0	20.59	22.95	33.00	PASS		
				RB1#25	20.53	22.89	33.00	PASS		
				RB1#49	20.49	22.85	33.00	PASS		
BAND2	LTE/TM3			RB25#0	19.58	21.94	33.00	PASS		
				RB25#13	19.49	21.85	33.00	PASS		
				RB25#25	19.39	21.75	33.00	PASS		
				RB50#0	19.30	21.66	33.00	PASS		
				RB1#0	20.61	22.97	33.00	PASS		
				RB1#25	20.31	22.67	33.00	PASS		
				RB1#49	20.38	22.74	33.00	PASS		
			нсн	RB25#0	19.48	21.84	33.00	PASS		
				RB25#13	19.58	21.94	33.00	PASS		
				RB25#25	19.60	21.96	33.00	PASS		
				RB50#0	19.49	21.85	33.00	PASS		



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r age.								
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP	limit (dBm)	Verdict
				RB1#0	22.81	(dBm) 25.17	33.00	PASS
				RB1#38	22.69	25.05	33.00	PASS
				RB1#74	22.77	25.13	33.00	PASS
			LCH	RB36#0	21.76	24.12	33.00	PASS
				RB36#18	21.73	24.09	33.00	PASS
				RB36#39	21.75	24.11	33.00	PASS
				RB75#0	21.76	24.12	33.00	PASS
		.TE/TM1 15M	MCH	RB1#0	22.85	25.21	33.00	PASS
				RB1#38	22.68	25.04	33.00	PASS
				RB1#74	22.7	25.06	33.00	PASS
BAND2	LTE/TM1			RB36#0	21.75	24.11	33.00	PASS
				RB36#18	21.70	24.06	33.00	PASS
				RB36#39	21.69	24.05	33.00	PASS
				RB75#0	21.74	24.10	33.00	PASS
				RB1#0	22.75	25.11	33.00	PASS
				RB1#38	22.54	24.90	33.00	PASS
				RB1#74	22.64	25.00	33.00	PASS
			HCH	RB36#0	21.67	24.03	33.00	PASS
				RB36#18	21.62	23.98	33.00	PASS
				RB36#39	21.65	24.01	33.00	PASS
				RB75#0	21.62	23.98	33.00	PASS



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	Page. 10 01 230							
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	21.78	24.14	33.00	PASS
				RB1#38	21.64	24.00	33.00	PASS
				RB1#74	21.71	24.07	33.00	PASS
			LCH	RB36#0	20.49	22.85	33.00	PASS
				RB36#18	20.46	22.82	33.00	PASS
				RB36#39	20.42	22.78	33.00	PASS
		15M		RB75#0	20.47	22.83	33.00	PASS
			MCH	RB1#0	21.84	24.20	33.00	PASS
				RB1#38	21.63	23.99	33.00	PASS
				RB1#74	21.72	24.08	33.00	PASS
BAND2	LTE/TM2			RB36#0	20.47	22.83	33.00	PASS
				RB36#18	20.40	22.76	33.00	PASS
				RB36#39	20.39	22.75	33.00	PASS
				RB75#0	20.45	22.81	33.00	PASS
				RB1#0	21.73	24.09	33.00	PASS
				RB1#38	21.53	23.89	33.00	PASS
				RB1#74	21.59	23.95	33.00	PASS
			HCH	RB36#0	20.40	22.76	33.00	PASS
				RB36#18	20.34	22.70	33.00	PASS
				RB36#39	20.31	22.67	33.00	PASS
				RB75#0	20.34	22.70	33.00	PASS



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						rage. 17 01 200			
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict	
				RB1#0	20.49	22.85	33.00	PASS	
				RB1#38	20.31	22.67	33.00	PASS	
				RB1#74	20.30	22.66	33.00	PASS	
			LCH	RB36#0	19.41	21.77	33.00	PASS	
				RB36#18	19.47	21.83	33.00	PASS	
				RB36#39	19.49	21.85	33.00	PASS	
				RB75#0	19.40	21.76	33.00	PASS	
		E/TM3 15M	MCH	RB1#0	20.58	22.94	33.00	PASS	
				RB1#38	20.51	22.87	33.00	PASS	
				RB1#74	20.48	22.84	33.00	PASS	
BAND2	LTE/TM3			RB36#0	19.57	21.93	33.00	PASS	
				RB36#18	19.48	21.84	33.00	PASS	
				RB36#39	19.38	21.74	33.00	PASS	
				RB75#0	19.28	21.64	33.00	PASS	
				RB1#0	20.60	22.96	33.00	PASS	
				RB1#38	20.30	22.66	33.00	PASS	
				RB1#74	20.36	22.72	33.00	PASS	
			HCH	RB36#0	19.47	21.83	33.00	PASS	
				RB36#18	19.57	21.93	33.00	PASS	
				RB36#39	19.59	21.95	33.00	PASS	
				RB75#0	19.47	21.83	33.00	PASS	



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict	
				RB1#0	22.85	25.21	33.00	PASS	
				RB1#50	22.61	24.97	33.00	PASS	
				RB1#99	22.66	25.02	33.00	PASS	
			LCH	RB50#0	21.74	24.10	33.00	PASS	
				RB50#25	21.66	24.02	33.00	PASS	
				RB50#50	21.64	24.00	33.00	PASS	
				RB100#0	21.69	24.05	33.00	PASS	
			МСН	RB1#0	22.88	25.24	33.00	PASS	
				RB1#50	22.63	24.99	33.00	PASS	
		20M		RB1#99	22.69	25.05	33.00	PASS	
BAND2	LTE/TM1			RB50#0	21.81	24.17	33.00	PASS	
				RB50#25	21.72	24.08	33.00	PASS	
				RB50#50	21.71	24.07	33.00	PASS	
				RB100#0	21.78	24.14	33.00	PASS	
				RB1#0	22.87	25.23	33.00	PASS	
				RB1#50	22.66	25.02	33.00	PASS	
				RB1#99	22.70	25.06	33.00	PASS	
			HCH	RB50#0	21.80	24.16	33.00	PASS	
				RB50#25	21.73	24.09	33.00	PASS	
				RB50#50	21.70	24.06	33.00	PASS	
				RB100#0	21.75	24.11	33.00	PASS	



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	21.55	23.91	33.00	PASS
				RB1#50	21.39	23.75	33.00	PASS
				RB1#99	21.43	23.79	33.00	PASS
			LCH	RB50#0	20.26	22.62	33.00	PASS
				RB50#25	20.18	22.54	33.00	PASS
				RB50#50	20.18	22.54	33.00	PASS
		20M		RB100#0	20.21	22.57	33.00	PASS
	LTE/TM2		МСН	RB1#0	21.64	24.00	33.00	PASS
				RB1#50	21.44	23.80	33.00	PASS
				RB1#99	21.45	23.81	33.00	PASS
BAND2				RB50#0	20.33	22.69	33.00	PASS
				RB50#25	20.26	22.62	33.00	PASS
				RB50#50	20.21	22.57	33.00	PASS
				RB100#0	20.26	22.62	33.00	PASS
				RB1#0	21.66	24.02	33.00	PASS
				RB1#50	21.44	23.80	33.00	PASS
				RB1#99	21.47	23.83	33.00	PASS
			НСН	RB50#0	20.31	22.67	33.00	PASS
				RB50#25	20.26	22.62	33.00	PASS
				RB50#50	20.23	22.59	33.00	PASS
				RB100#0	20.25	22.61	33.00	PASS



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Test	Test Test Test Test RB Measured								
Band(LTE)	Mode	Bandwidth	channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict	
				RB1#0	20.51	22.87	33.00	PASS	
				RB1#50	20.32	22.68	33.00	PASS	
				RB1#99	20.33	22.69	33.00	PASS	
			LCH	RB50#0	19.43	21.79	33.00	PASS	
				RB50#25	19.49	21.85	33.00	PASS	
				RB50#50	19.52	21.88	33.00	PASS	
				RB100#0	19.43	21.79	33.00	PASS	
			MCH	RB1#0	20.6	22.96	33.00	PASS	
				RB1#50	20.53	22.89	33.00	PASS	
		20M		RB1#99	20.50	22.86	33.00	PASS	
BAND2	LTE/TM3			RB50#0	19.60	21.96	33.00	PASS	
				RB50#25	19.50	21.86	33.00	PASS	
				RB50#50	19.40	21.76	33.00	PASS	
				RB100#0	19.30	21.66	33.00	PASS	
				RB1#0	20.62	22.98	33.00	PASS	
				RB1#50	20.31	22.67	33.00	PASS	
				RB1#99	20.39	22.75	33.00	PASS	
			НСН	RB50#0	19.48	21.84	33.00	PASS	
				RB50#25	19.59	21.95	33.00	PASS	
				RB50#50	19.61	21.97	33.00	PASS	
				RB100#0	19.49	21.85	33.00	PASS	



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#### 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

c: RBW > emission bandwidth, VBW > 3 x RBW.

Detector: RMS



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### 2 Peak-to-Average Ratio

#### Part I - Test Results

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
	TM1/20M	LCH	4.90	13	PASS
		MCH	5.19	13	PASS
		НСН	5.13	13	PASS
	TM2/20M	LCH	5.88	13	PASS
Band 2		MCH	6.14	13	PASS
		HCH	6.12	13	PASS
	TM3/20M	LCH	6.35	13	PASS
		TM3/20M MCH		13	PASS
		НСН	6.61	13	PASS



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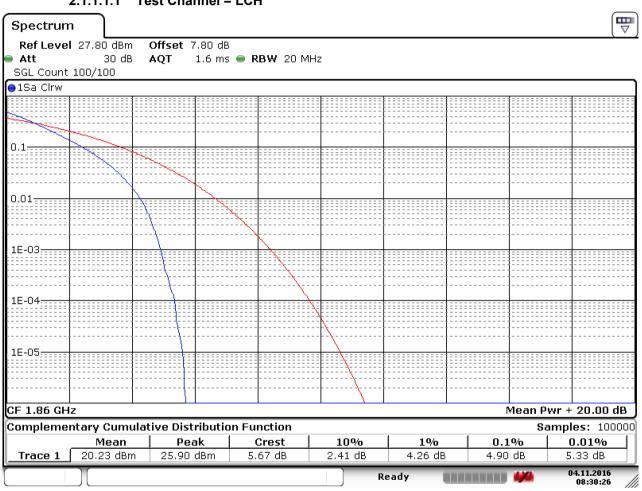
Part II - Test Plots

#### 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



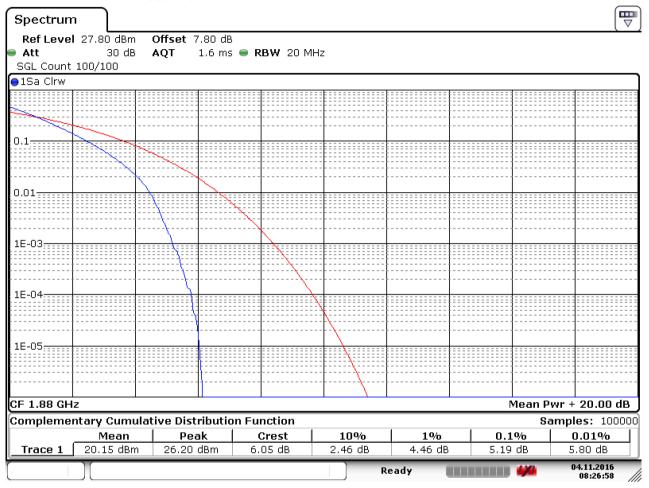
Date: 4.NOV.2016 08:30:27



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#### 2.1.1.1.2 Test Channel = MCH



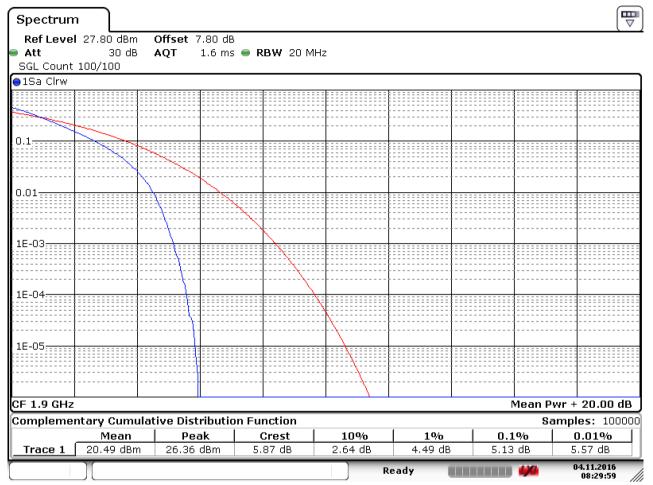
Date: 4.NOV.2016 08:26:58



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#### 2.1.1.1.3 Test Channel = HCH



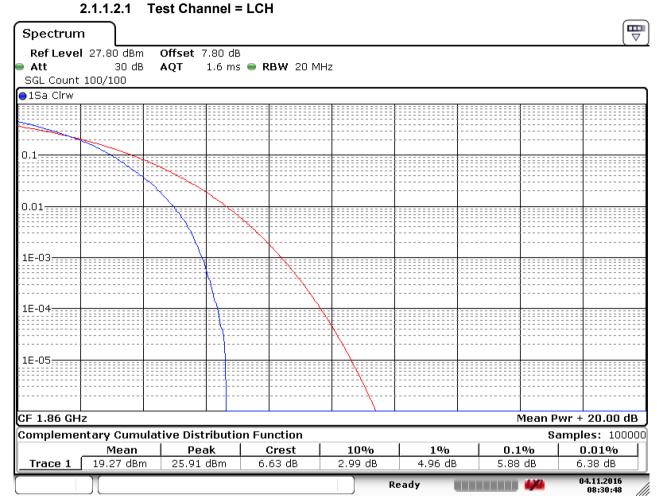
Date: 4.NOV.2016 08:29:59



Report No.: SZEM161000852202

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



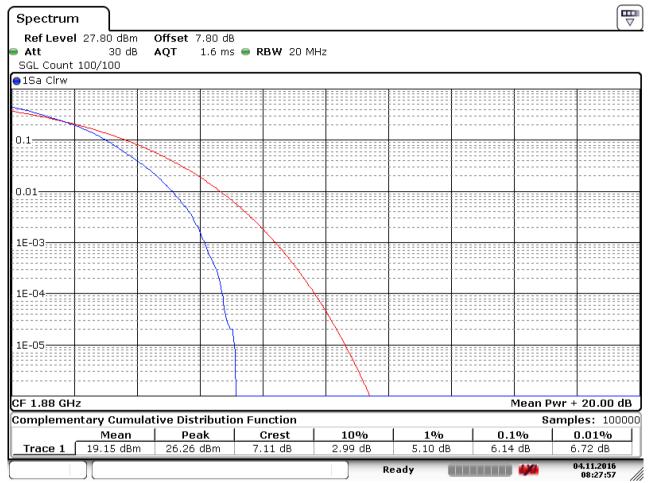
Date: 4.NOV.2016 08:30:48



Report No.: SZEM161000852202

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#### 2.1.1.2.2 Test Channel = MCH



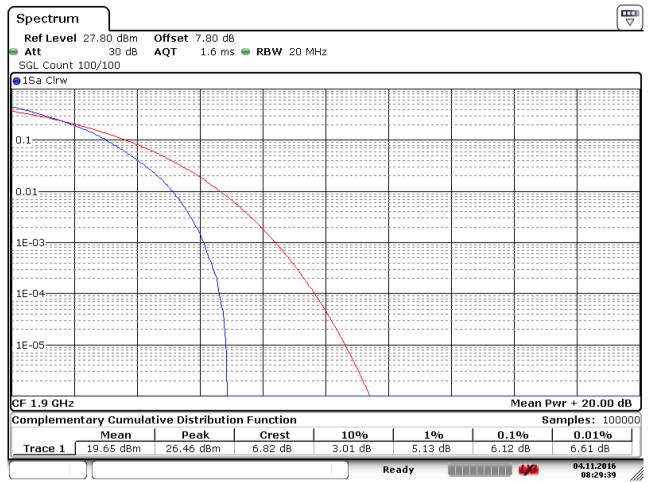
Date: 4.NOV.2016 08:27:57



Report No.: SZEM161000852202

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#### 2.1.1.2.3 Test Channel = HCH



Date: 4.NOV.2016 08:29:39

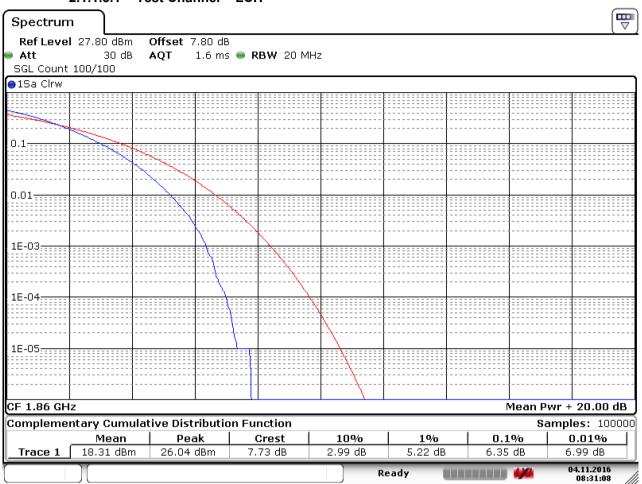


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#### 2.1.1.3 Test Mode = LTE/TM3.Bandwidth=20MHz

#### 2.1.1.3.1 Test Channel = LCH



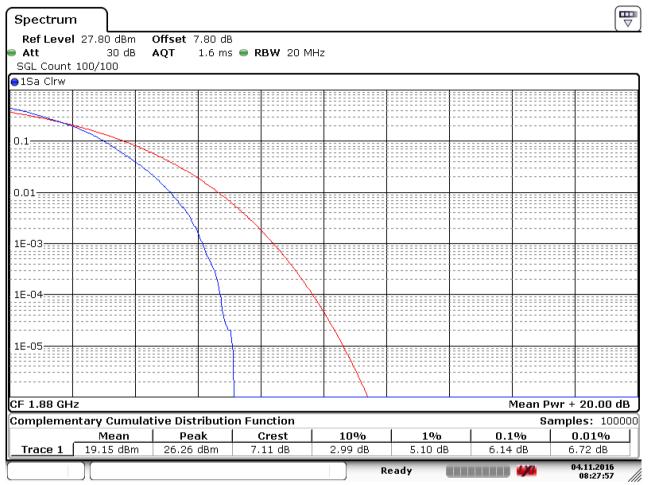
Date: 4.NOV.2016 08:31:08



Report No.: SZEM161000852202

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#### 2.1.1.3.2 **Test Channel = MCH**



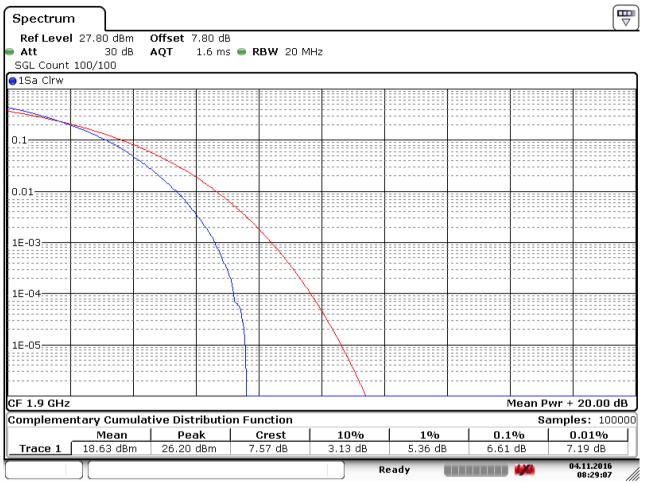
Date: 4.NOV.2016 08:27:57



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#### 2.1.1.3.3 Test Channel = HCH



Date: 4.NOV.2016 08:29:08



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### 3 Modulation Characteristics

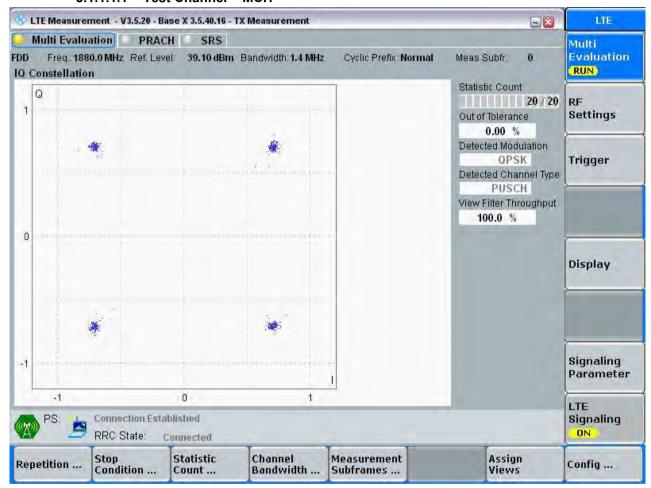
Part I - Test Plots

#### 3.1 For LTE

#### 3.1.1 Test Band = LTE band2

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

3.1.1.1.1 Test Channel = MCH



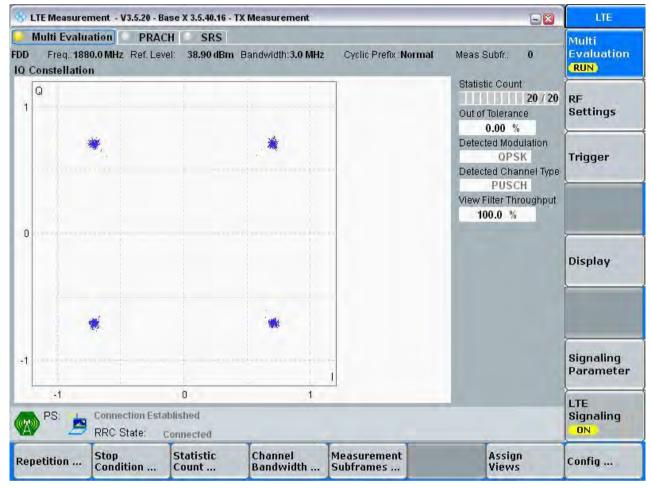


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#### 3.1.1.2 Test Mode = LTE /TM1 3MHz

#### 3.1.1.2.1 Test Channel = MCH



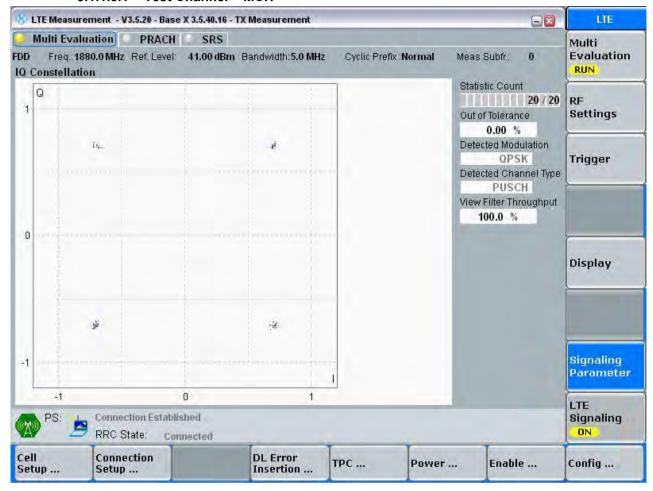


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#### 3.1.1.3 Test Mode = LTE /TM1 5MHz

#### 3.1.1.3.1 Test Channel = MCH



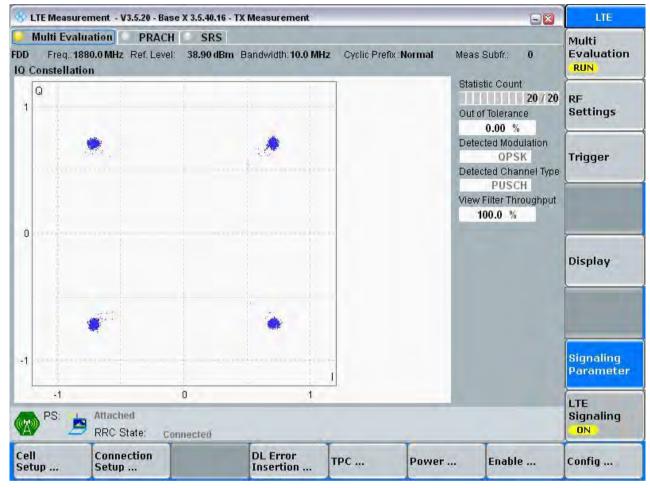


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### 3.1.1.4 Test Mode = LTE /TM1 10MHz

#### 3.1.1.4.1 Test Channel = MCH



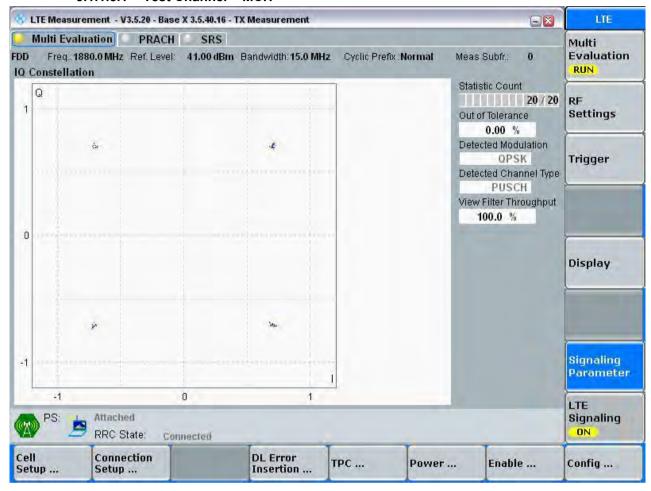


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### 3.1.1.5 Test Mode = LTE /TM1 15MHz

#### 3.1.1.5.1 Test Channel = MCH



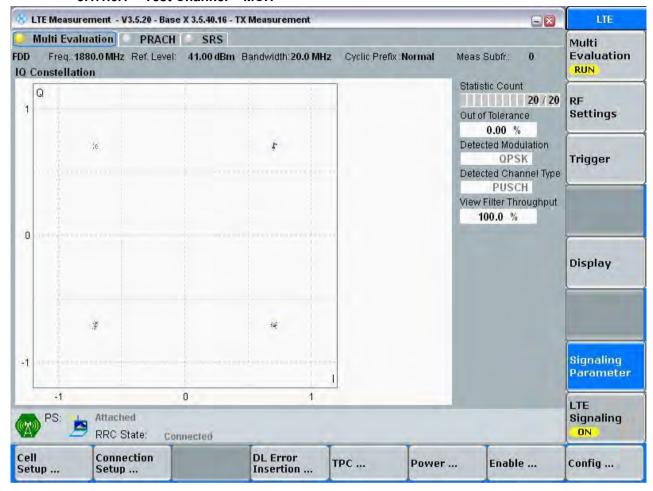


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### 3.1.1.6 Test Mode = LTE /TM1 20MHz

#### 3.1.1.6.1 Test Channel = MCH

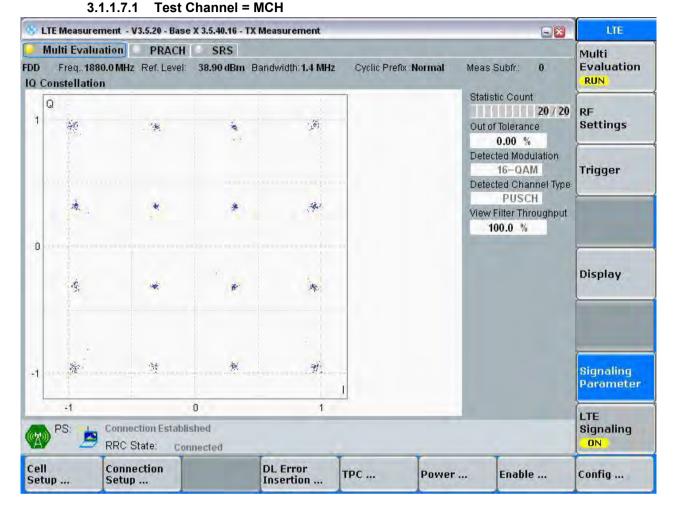




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### 3.1.1.7 Test Mode = LTE /TM2 1.4MHz



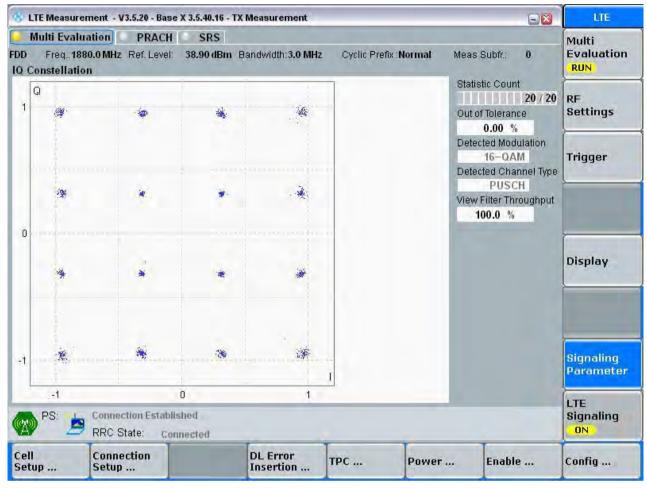


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#### 3.1.1.8 Test Mode = LTE /TM2 3MHz

#### 3.1.1.8.1 Test Channel = MCH



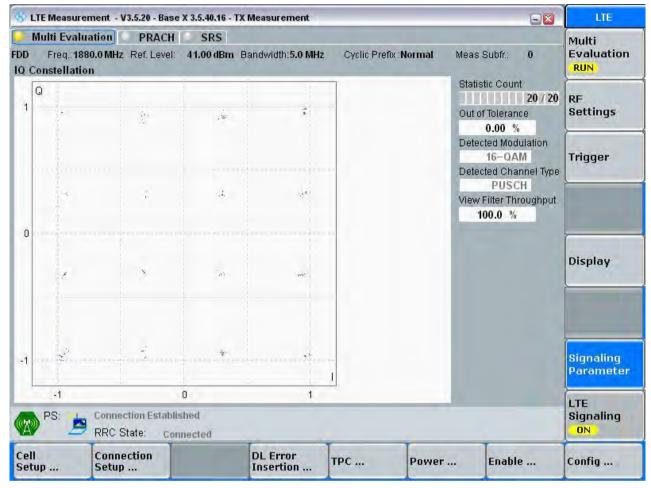


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#### 3.1.1.9 Test Mode = LTE /TM2 5MHz

#### 3.1.1.9.1 Test Channel = MCH



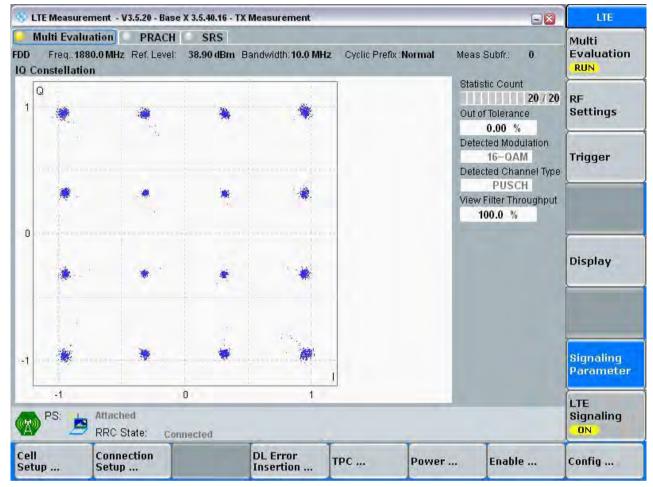


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### 3.1.1.10 Test Mode = LTE /TM2 10MHz

3.1.1.10.1 Test Channel = MCH



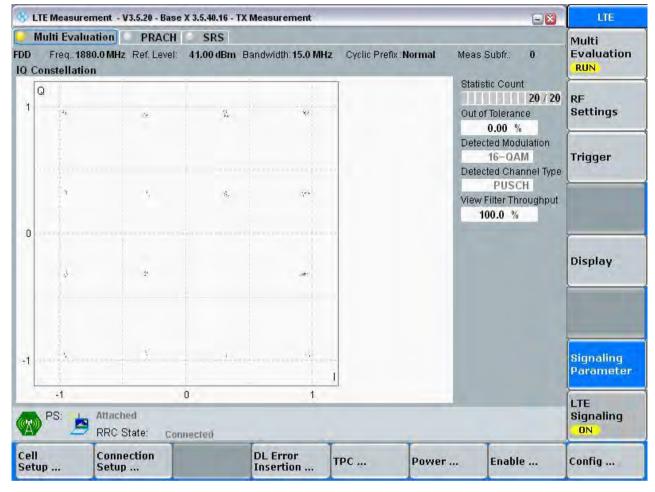


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### 3.1.1.11 Test Mode = LTE /TM2 15MHz

#### 3.1.1.11.1 Test Channel = MCH



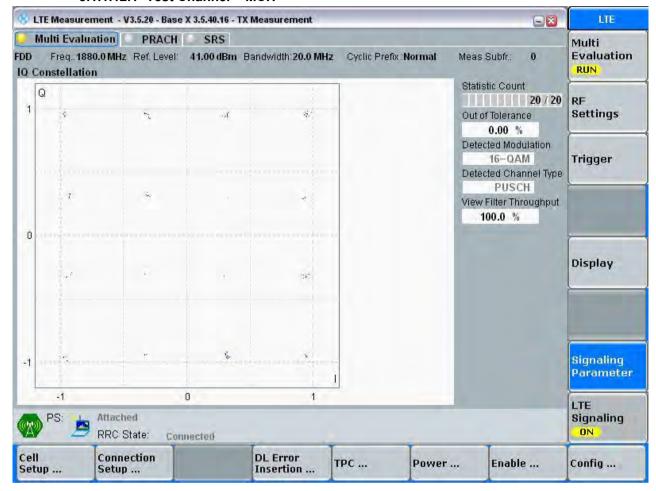


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### 3.1.1.12 Test Mode = LTE /TM2 20MHz

#### 3.1.1.12.1 Test Channel = MCH

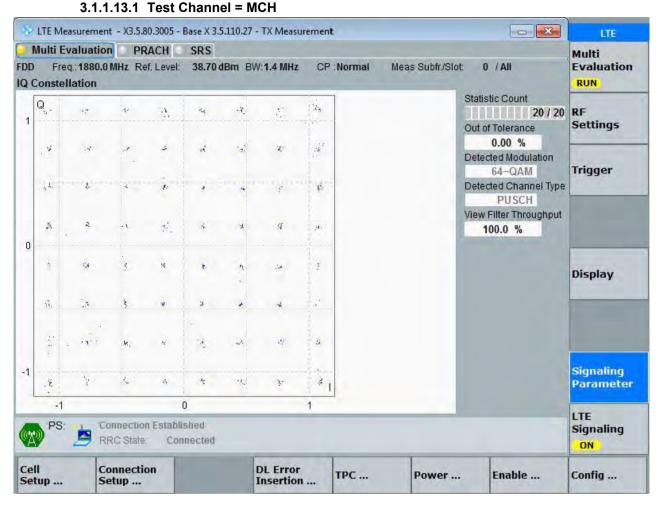




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### 3.1.1.13 Test Mode = LTE /TM3 1.4MHz



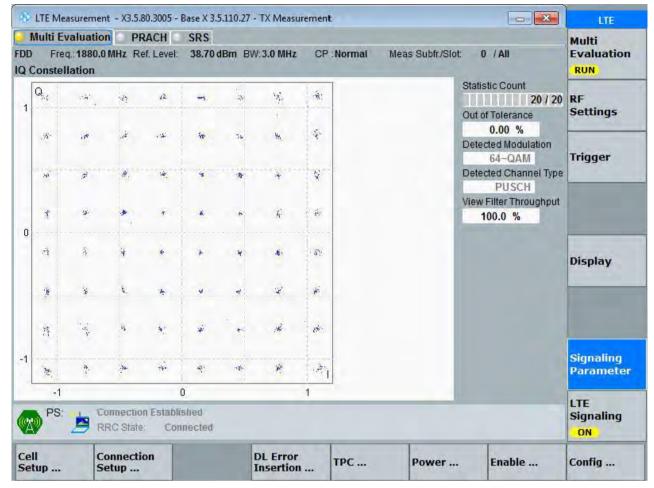


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#### 3.1.1.14 Test Mode = LTE /TM3 3MHz

#### 3.1.1.14.1 Test Channel = MCH



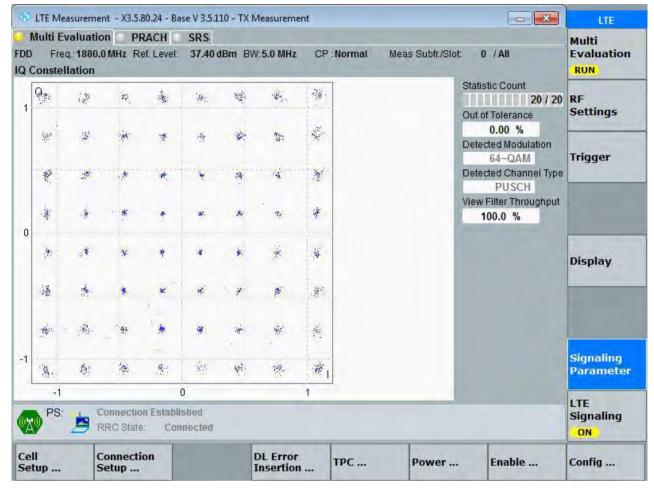


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### 3.1.1.15 Test Mode = LTE /TM3 5MHz

#### 3.1.1.15.1 Test Channel = MCH



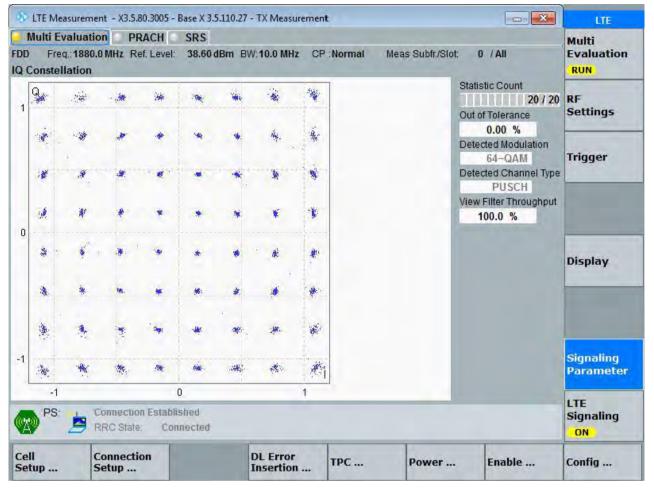


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### 3.1.1.16 Test Mode = LTE /TM3 10MHz

#### 3.1.1.16.1 Test Channel = MCH



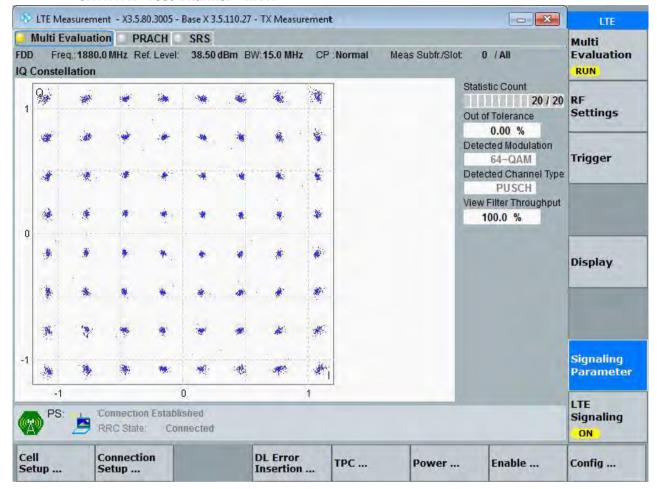


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### 3.1.1.17 Test Mode = LTE /TM3 15MHz

#### 3.1.1.17.1 Test Channel = MCH



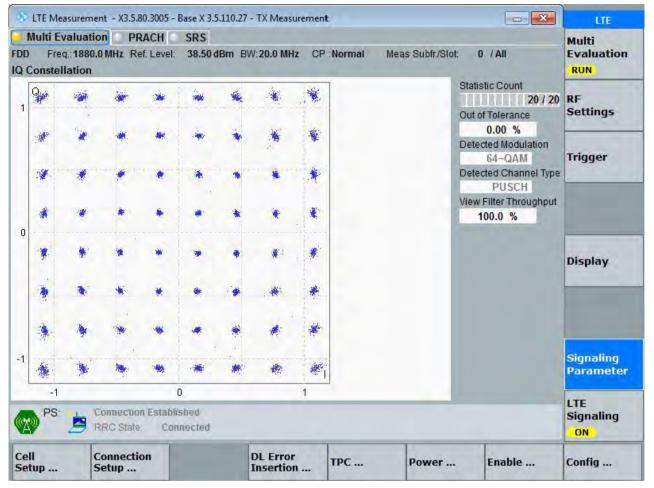


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### 3.1.1.18 Test Mode = LTE /TM3 20MHz

3.1.1.18.1 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
Band 2		LCH	1.08	1.24	PASS
	TM1/1.4MHz	MCH	1.08	1.22	PASS
		HCH	1.09	1.23	PASS
	TM2/1.4MHz	LCH	1.09	1.23	PASS
		MCH	1.08	1.21	PASS
		HCH	1.08	1.24	PASS
	TM3/1.4MHz	LCH	1.08	1.22	PASS
		MCH	1.08	1.22	PASS
		HCH	1.08	1.22	PASS
	TM1/ 3MHz	LCH	2.69	2.94	PASS
		MCH	2.68	2.95	PASS
		HCH	2.69	2.94	PASS
	TM2/3MHz	LCH	2.68	2.95	PASS
		MCH	2.68	2.94	PASS
		HCH	2.68	2.95	PASS
	TM3/3MHz	LCH	2.68	2.93	PASS
		MCH	2.68	2.94	PASS
		HCH	2.68	2.94	PASS
	TM1/ 5MHz	LCH	4.48	4.89	PASS
		MCH	4.48	4.91	PASS
		HCH	4.46	4.87	PASS
	TM2/ 5MHz	LCH	4.47	4.86	PASS
		MCH	4.48	4.90	PASS
		HCH	4.47	4.91	PASS
	TM3/5MHz	LCH	4.47	4.86	PASS
		MCH	4.48	4.89	PASS
		HCH	4.47	4.88	PASS
	TM1/10MHz	LCH	8.93	9.71	PASS
		MCH	8.93	9.74	PASS
		HCH	8.92	9.66	PASS
	TM2/ 10MHz	LCH	8.93	9.63	PASS
		MCH	8.93	9.58	PASS
		HCH	8.93	9.63	PASS



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		1 agc. 01 61 200				
Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict	
	TM3/ 10MHz	LCH	8.92	9.61	PASS	
		MCH	8.93	9.61	PASS	
		HCH	8.91	9.59	PASS	
		LCH	13.43	14.63	PASS	
	TM1/ 15MHz	MCH	13.42	14.65	PASS	
		HCH	13.38	14.55	PASS	
	TM2/ 15MHz	LCH	13.41	14.54	PASS	
		MCH	13.41	14.55	PASS	
		HCH	13.41	14.48	PASS	
		LCH	13.37	14.52	PASS	
		MCH	13.39	14.59	PASS	
		HCH	13.37	14.46	PASS	
		LCH	17.85	19.24	PASS	
	TM1/ 20MHz	MCH	17.91	19.25	PASS	
		HCH	17.88	19.39	PASS	
	TM2/ 20MHz	LCH	17.89	19.33	PASS	
		MCH	17.89	19.45	PASS	
		HCH	17.85	19.25	PASS	
		LCH	17.89	19.40	PASS	
	TM3/ 20MHz	MCH	17.92	19.43	PASS	
		HCH	17.88	19.41	PASS	



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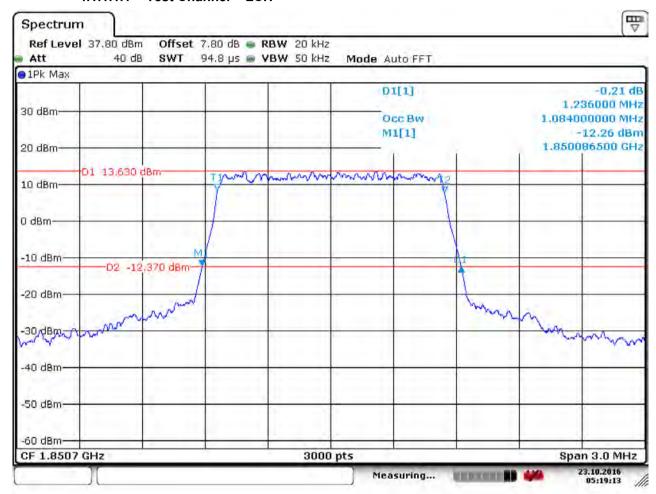
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### 4.1 For LTE

#### 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

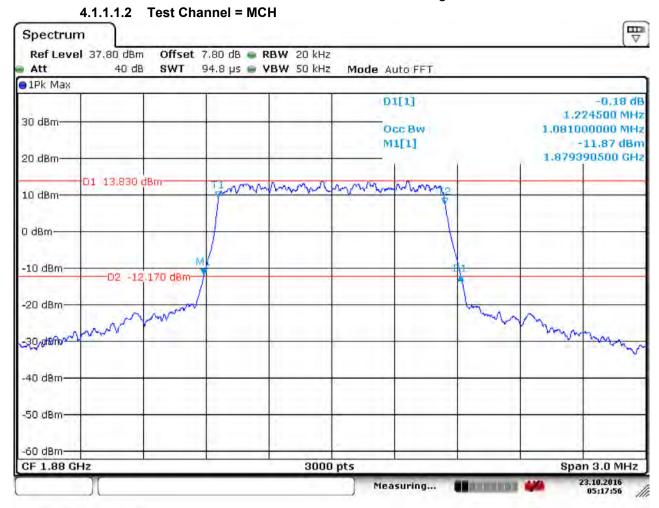


Date: 23.OCT.2016 05:19:14



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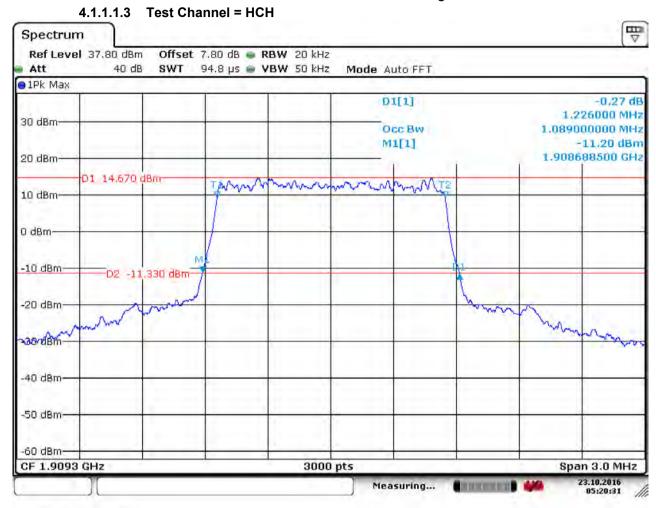


Date: 23.OCT.2016 05:17:56



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Date: 23.OCT.2016 05:20:31

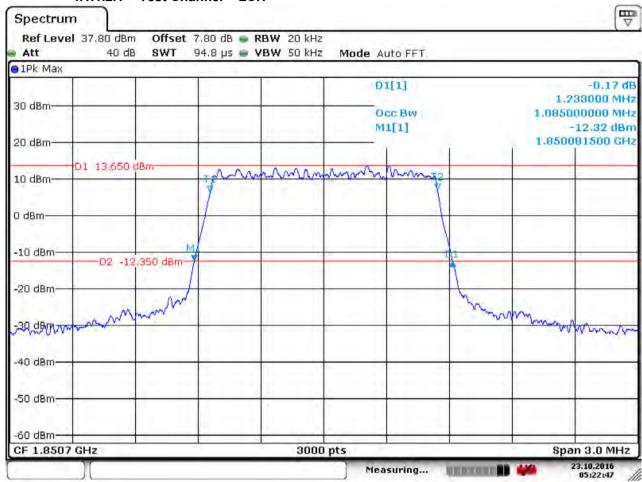


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#### 4.1.1.2 Test Mode = LTE/TM2 1.4MHz

#### 4.1.1.2.1 Test Channel = LCH

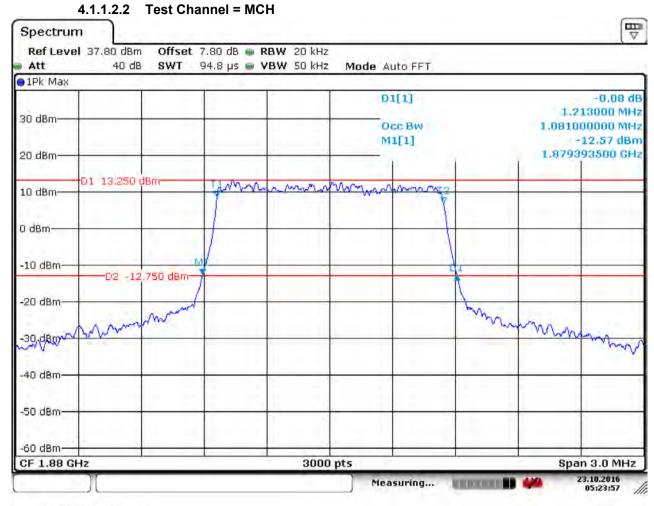


Date: 23.OCT.2016 05:22:47



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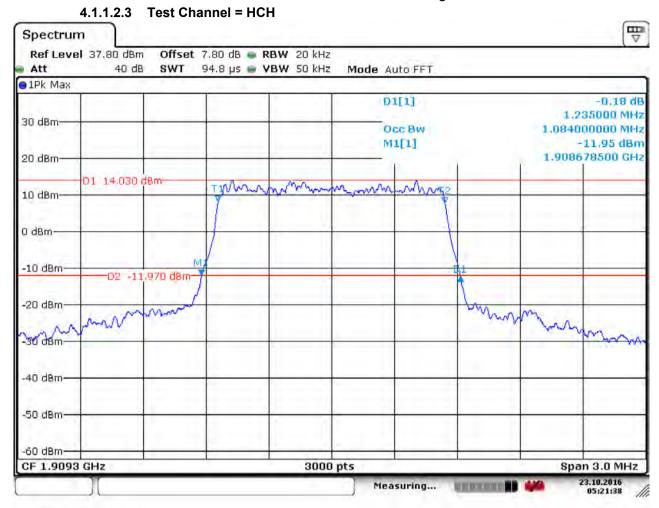


Date: 23.OCT.2016 05:23:57



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Date: 23.OCT.2016 05:21:38

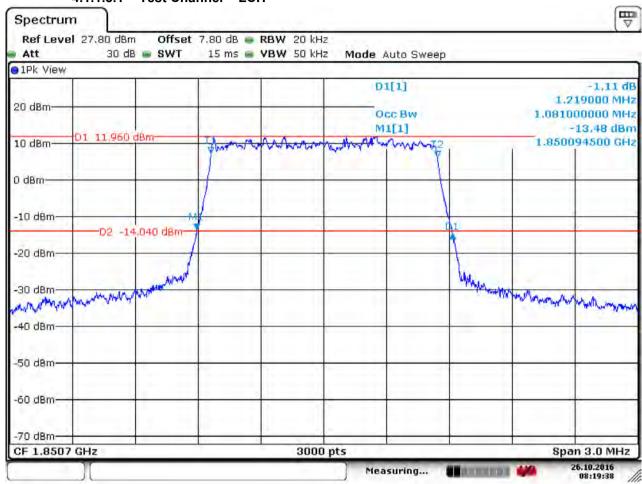


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#### 4.1.1.3 Test Mode = LTE/TM3 1.4MHz

#### 4.1.1.3.1 Test Channel = LCH

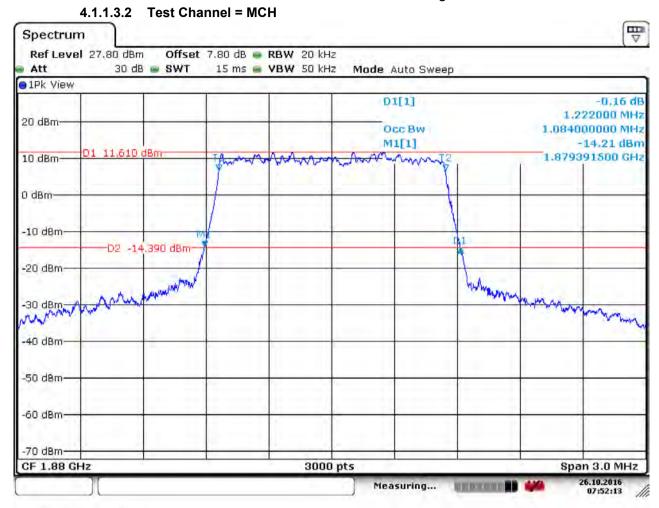


Date: 26.OCT.2016 08:19:38



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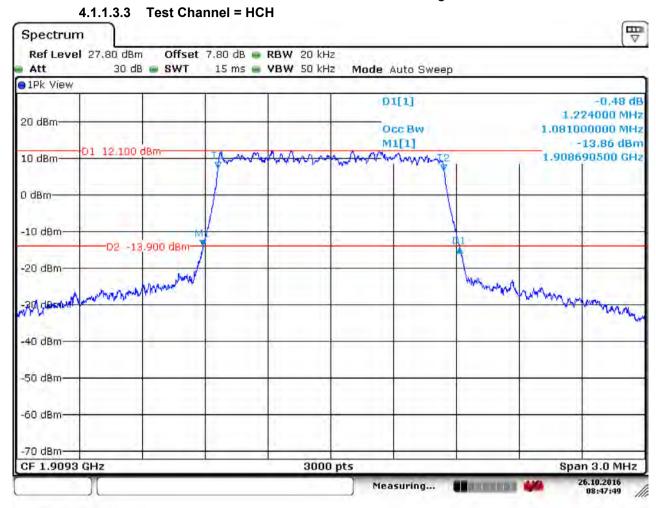


Date: 26.OCT.2016 07:52:13



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Date: 26.OCT.2016 08:47:49

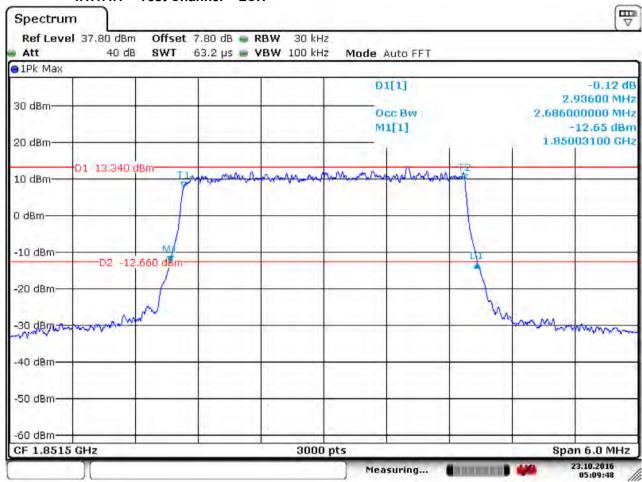


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#### 4.1.1.4 Test Mode = LTE/TM1 3MHz

#### 4.1.1.4.1 Test Channel = LCH

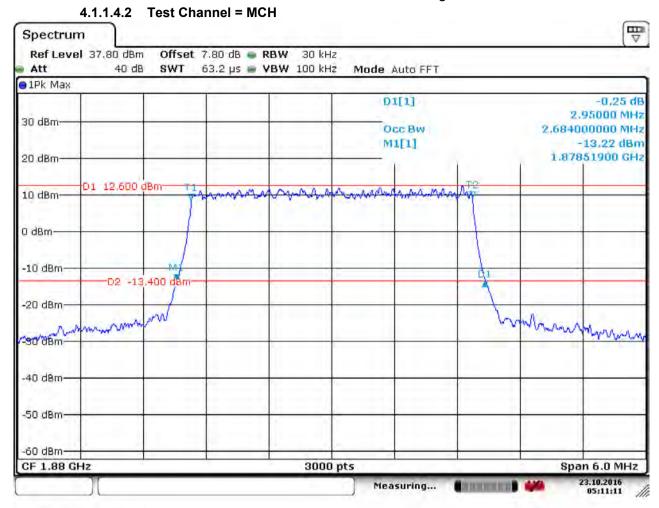


Date: 23.OCT.2016 05:09:48



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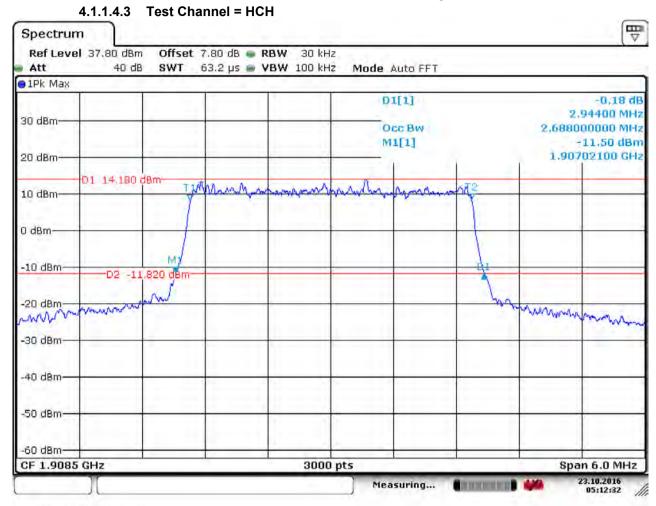


Date: 23.OCT.2016 05:11:12



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Date: 23.OCT.2016 05:12:32

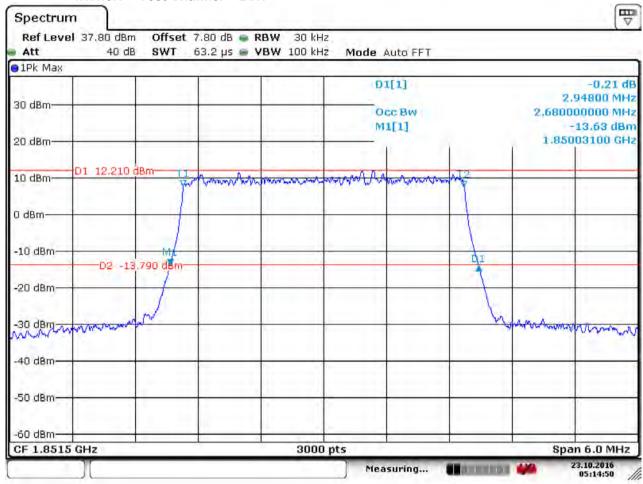


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#### 4.1.1.5 Test Mode = LTE/TM2 3MHz

#### 4.1.1.5.1 Test Channel = LCH

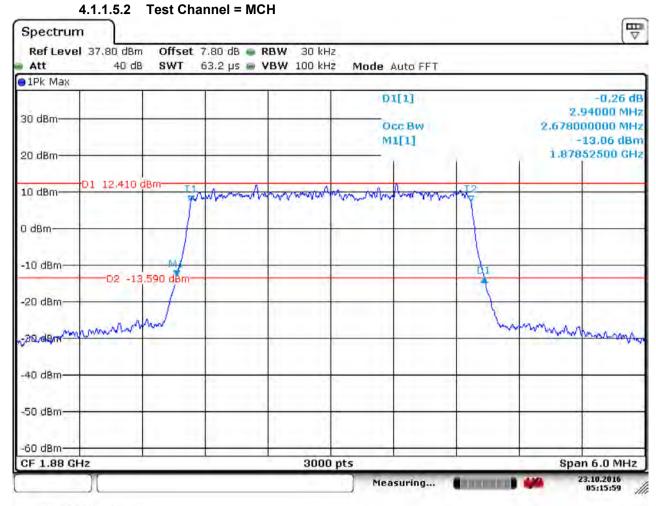


Date: 23.OCT.2016 05:14:51



Report No.: SZEM161000852202

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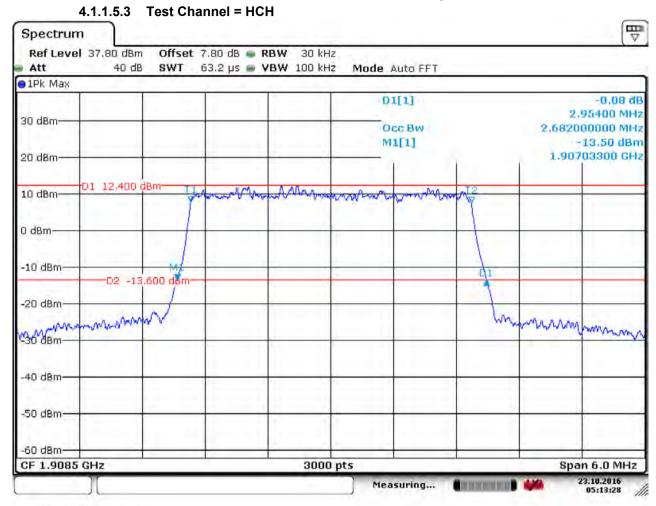


Date: 23.OCT.2016 05:16:00



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Date: 23.OCT.2016 05:13:28

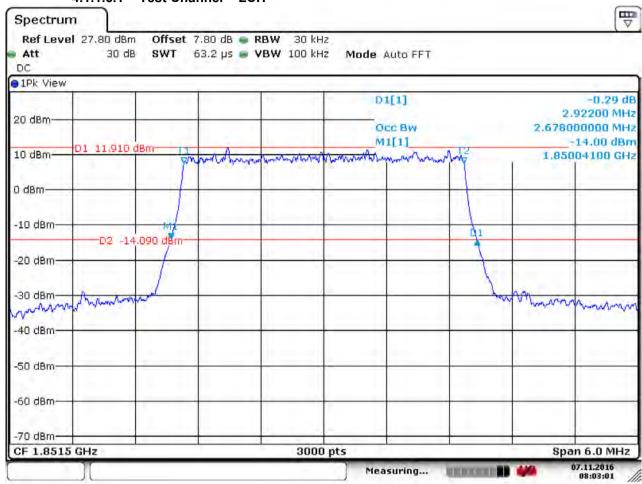


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#### 4.1.1.6 Test Mode = LTE/TM3 3MHz

#### 4.1.1.6.1 Test Channel = LCH

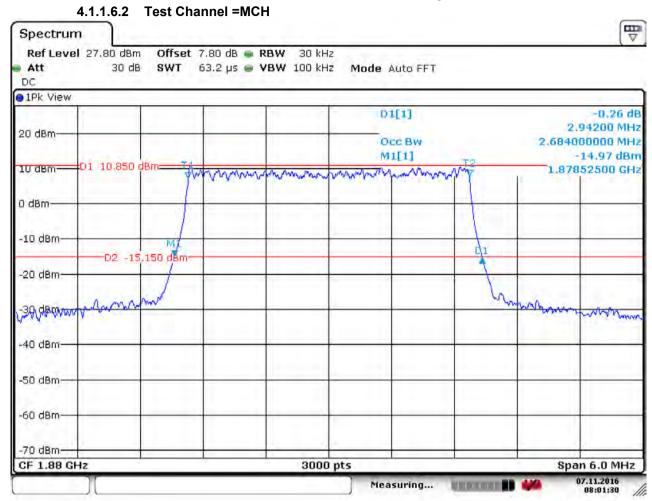


Date: 7.NOV.2016 08:03:02



Report No.: SZEM161000852202

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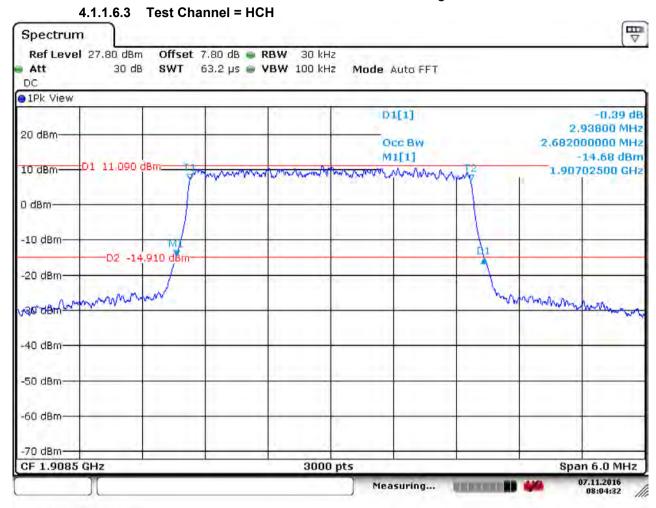


Date: 7.NOV.2016 08:01:30



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Date: 7.NOV.2016 08:04:33

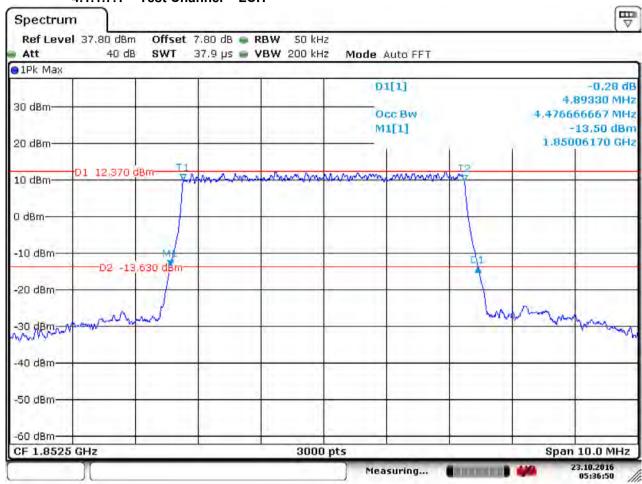


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#### 4.1.1.7 Test Mode = LTE/TM1 5MHz

#### 4.1.1.7.1 Test Channel = LCH

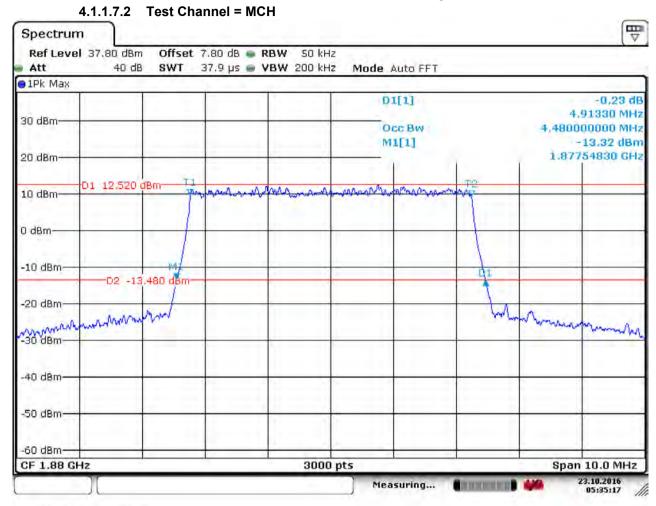


Date: 23.OCT.2016 05:36:50



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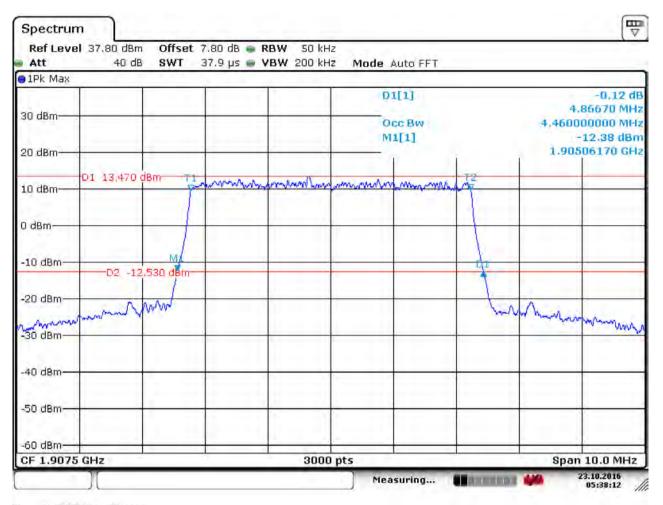
Date: 23.OCT.2016 05:35:17



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#### 4.1.1.7.3 Test Channel = HCH



Date: 23.OCT.2016 05:38:12

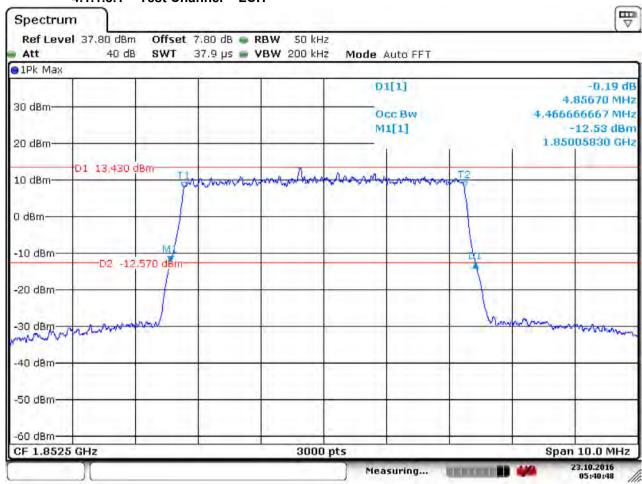


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#### 4.1.1.8 Test Mode = LTE/TM2 5MHz

#### 4.1.1.8.1 Test Channel = LCH

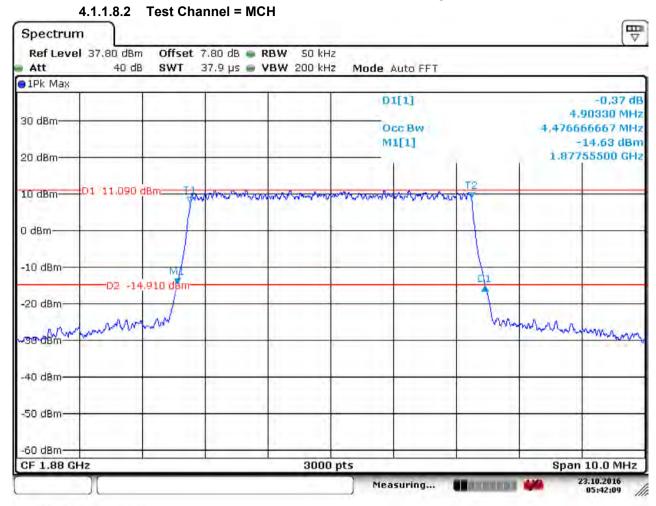


Date: 23.OCT.2016 05:40:48



Report No.: SZEM161000852202

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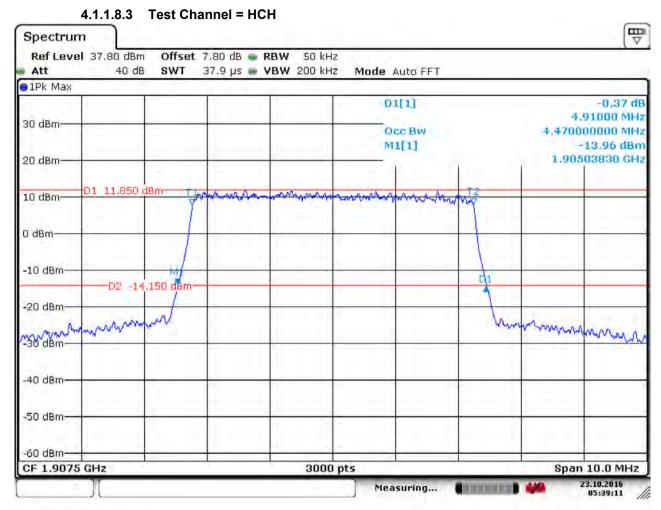


Date: 23.OCT.2016 05:42:09



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Date: 23.OCT.2016 05:39:12

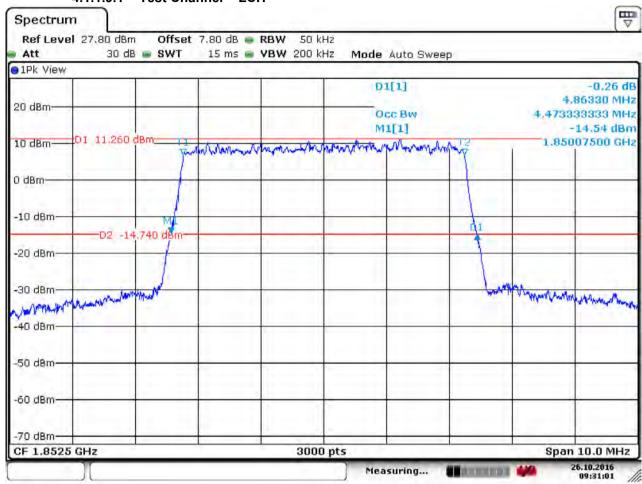


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#### 4.1.1.9 Test Mode = LTE/TM3 5MHz

#### 4.1.1.9.1 Test Channel = LCH

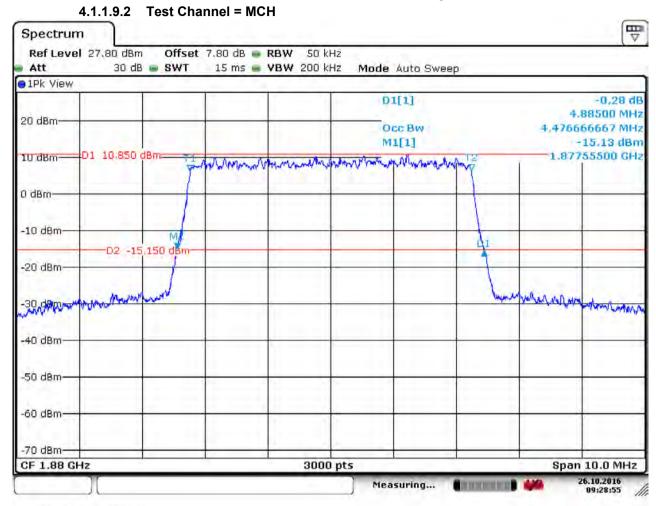


Date: 26.OCT.2016 09:31:01



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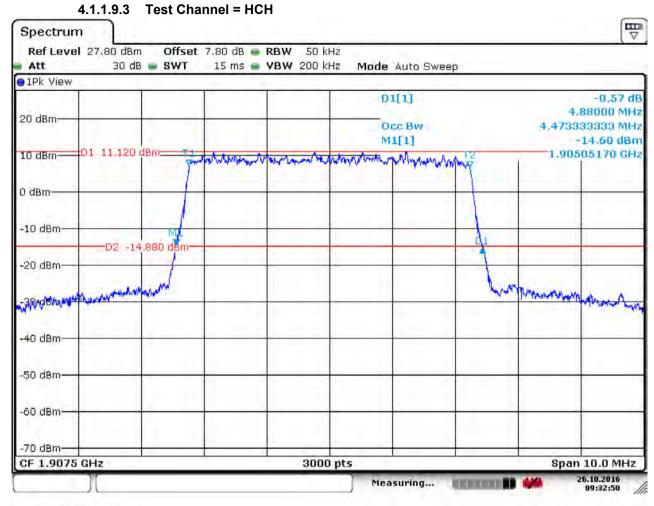


Date: 26.OCT.2016 09:28:56



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Date: 26.OCT.2016 09:32:50

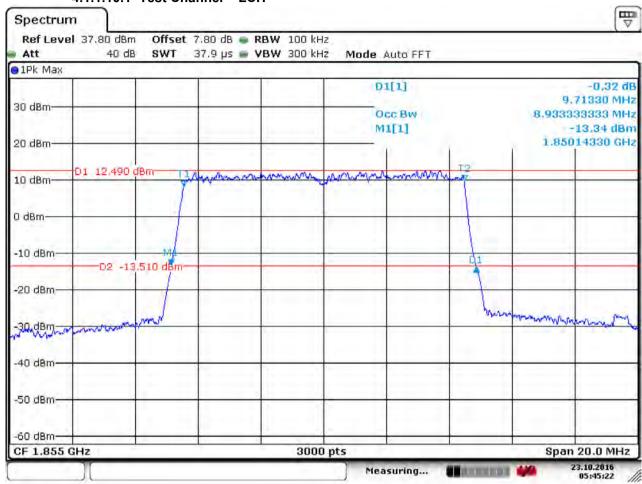


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#### 4.1.1.10 Test Mode = LTE/TM1 10MHz

#### 4.1.1.10.1 Test Channel = LCH

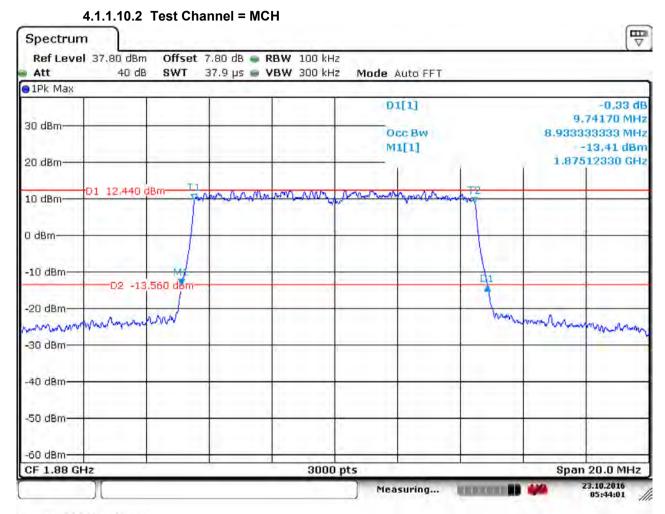


Date: 23.OCT.2016 05:45:22



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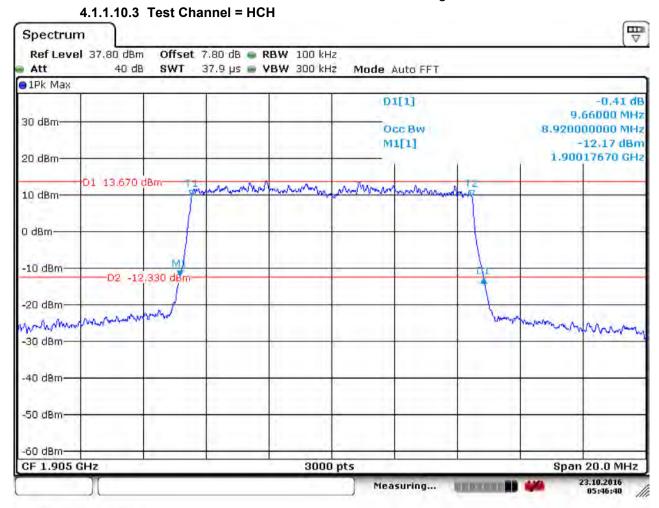


Date: 23.OCT.2016 05:44:02



Report No.: SZEM161000852202

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Date: 23.OCT.2016 05:46:40

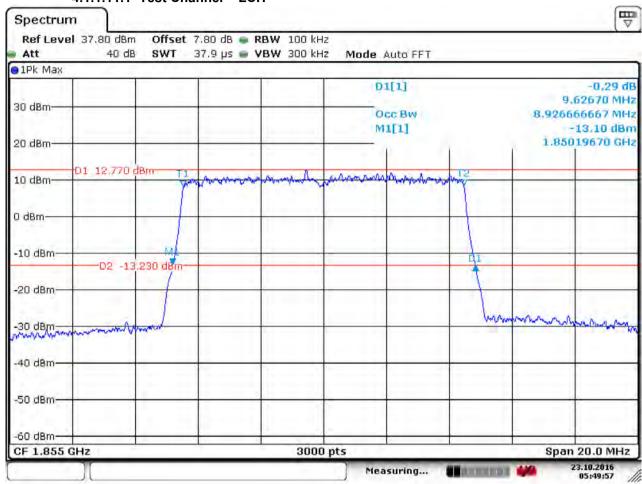


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#### 4.1.1.11 Test Mode = LTE/TM2 10MHz

#### 4.1.1.11.1 Test Channel = LCH

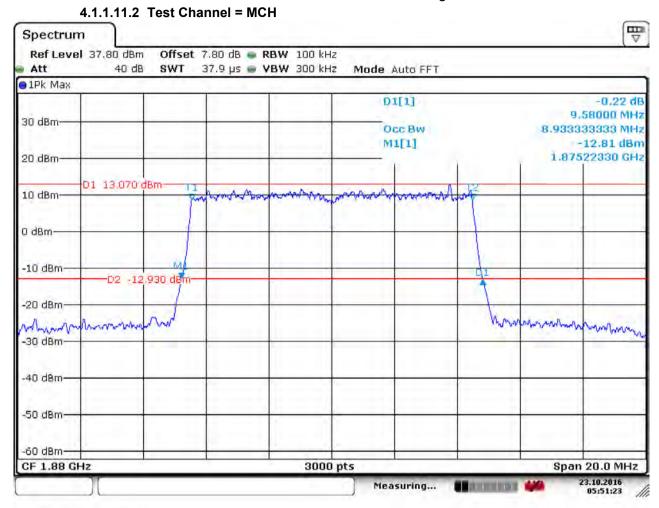


Date: 23.OCT.2016 05:49:58



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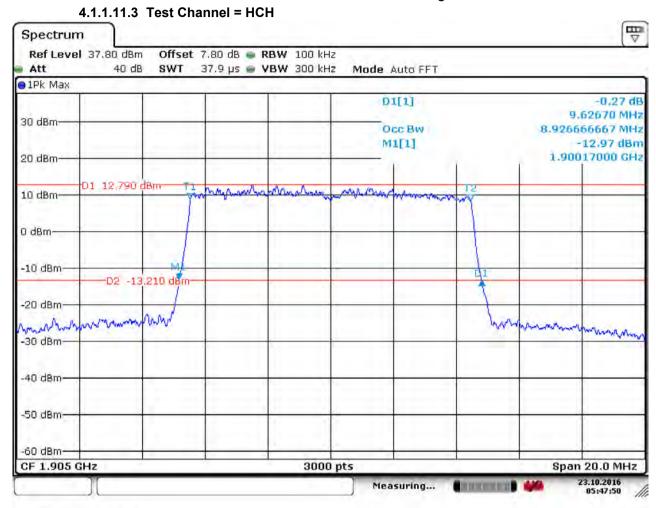


Date: 23.OCT.2016 05:51:23



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Date: 23.OCT.2016 05:47:50

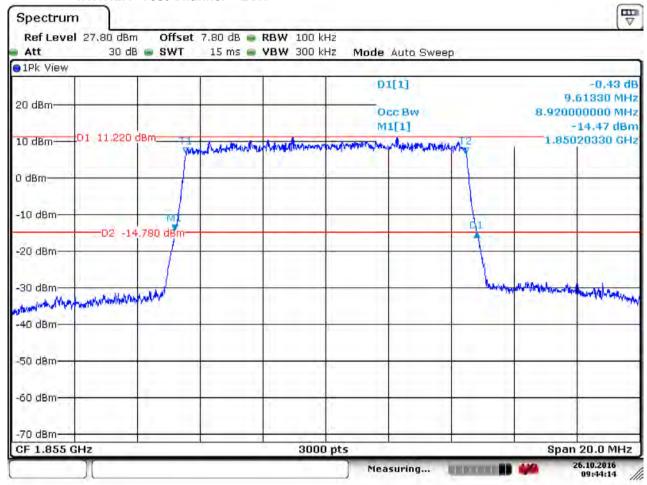


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#### 4.1.1.12 Test Mode = LTE/TM3 10MHz

#### 4.1.1.12.1 Test Channel = LCH

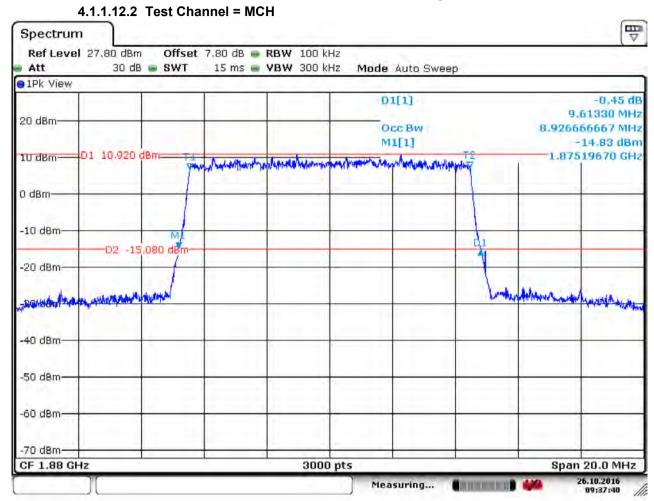


Date: 26.OCT.2016 09:44:14



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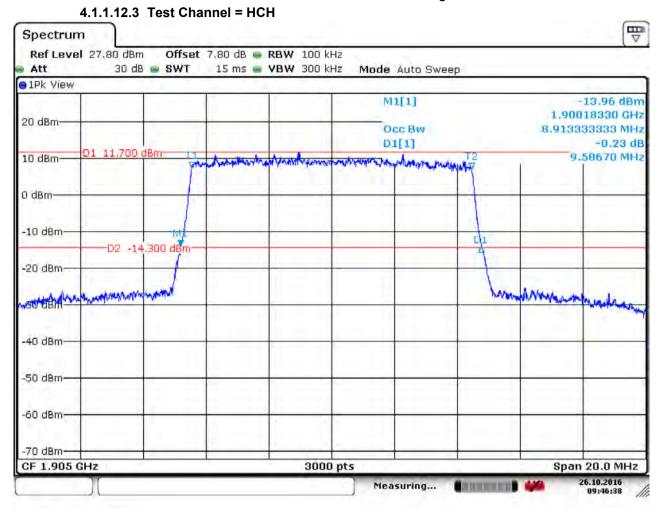


Date: 26.OCT.2016 09:37:41



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Date: 26.OCT.2016 09:46:38

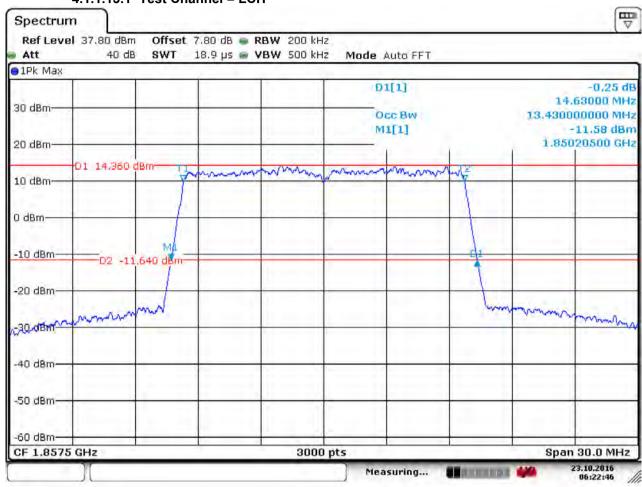


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#### 4.1.1.13 Test Mode = LTE/TM1 15MHz

#### 4.1.1.13.1 Test Channel = LCH

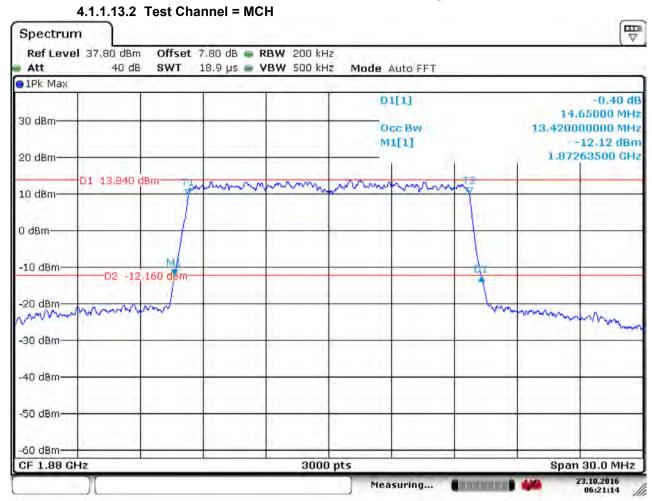


Date: 23.OCT.2016 06:22:47



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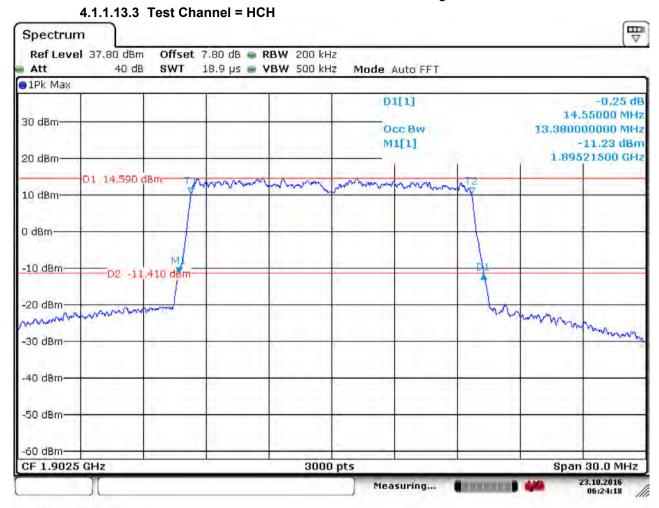


Date: 23.OCT.2016 06:21:15



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Date: 23.OCT.2016 06:24:18

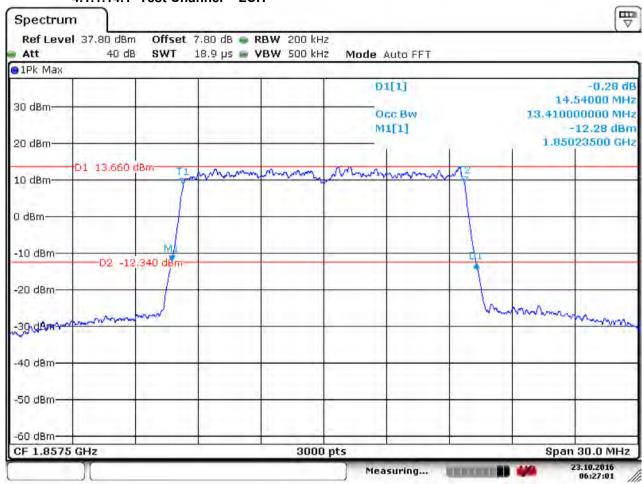


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#### 4.1.1.14 Test Mode = LTE/TM2 15MHz

#### 4.1.1.14.1 Test Channel = LCH

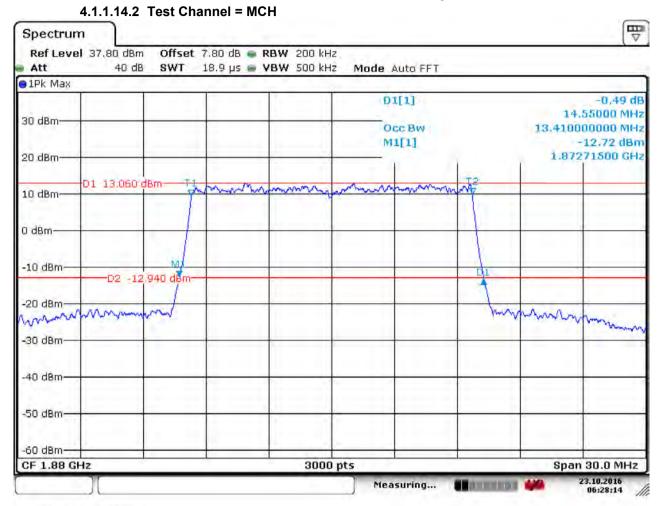


Date: 23.OCT.2016 06:27:01



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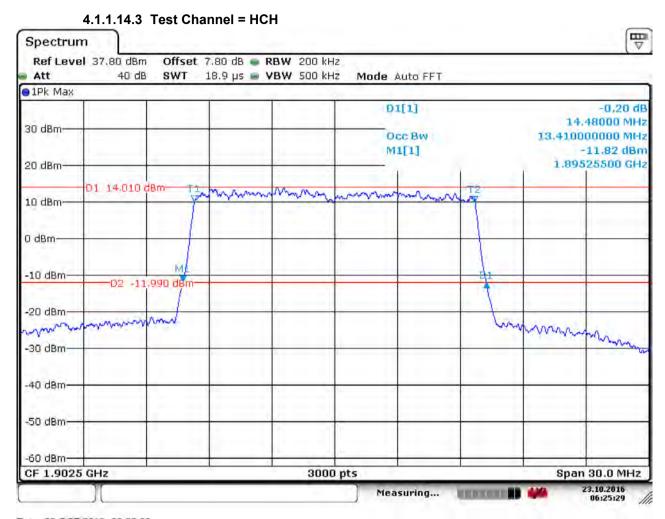


Date: 23.OCT.2016 06:28:15



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Date: 23.OCT.2016 06:25:29

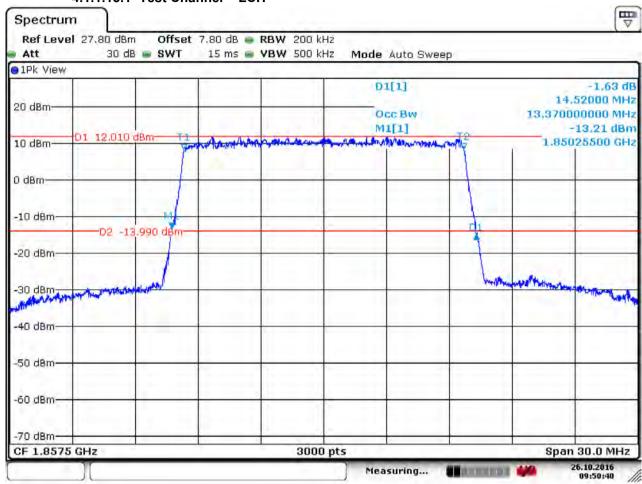


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#### 4.1.1.15 Test Mode = LTE/TM3 15MHz

#### 4.1.1.15.1 Test Channel = LCH

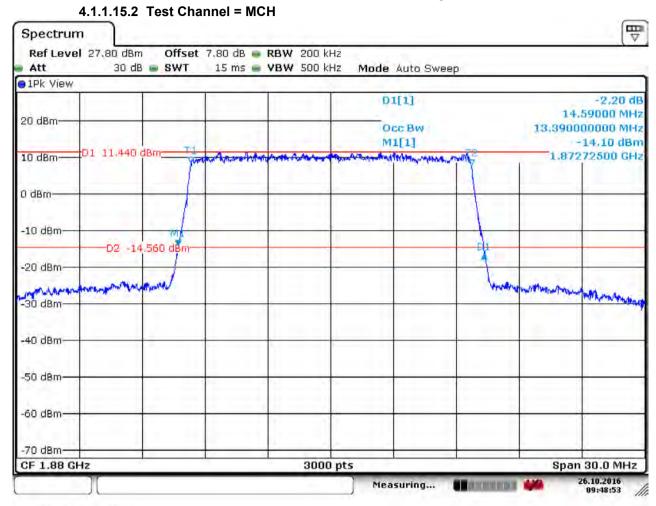


Date: 26.OCT.2016 09:50:41



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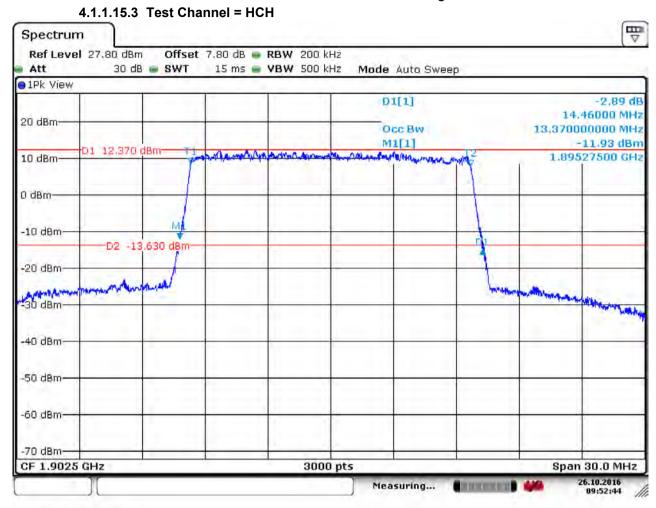


Date: 26.OCT.2016 09:48:53



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Date: 26.OCT.2016 09:52:45

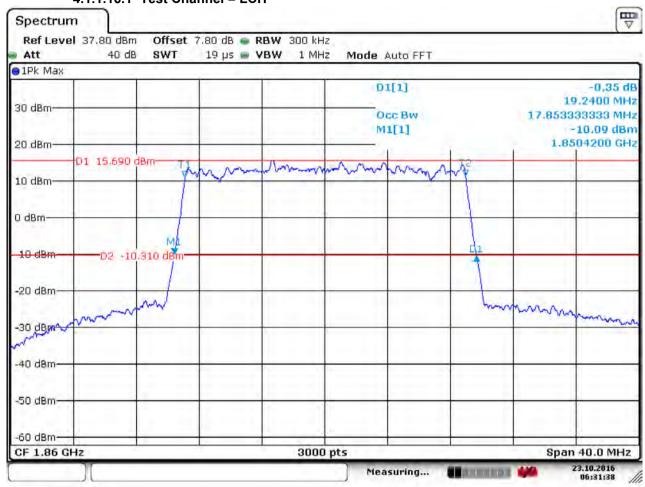


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#### 4.1.1.16 Test Mode = LTE/TM1 20MHz

#### 4.1.1.16.1 Test Channel = LCH

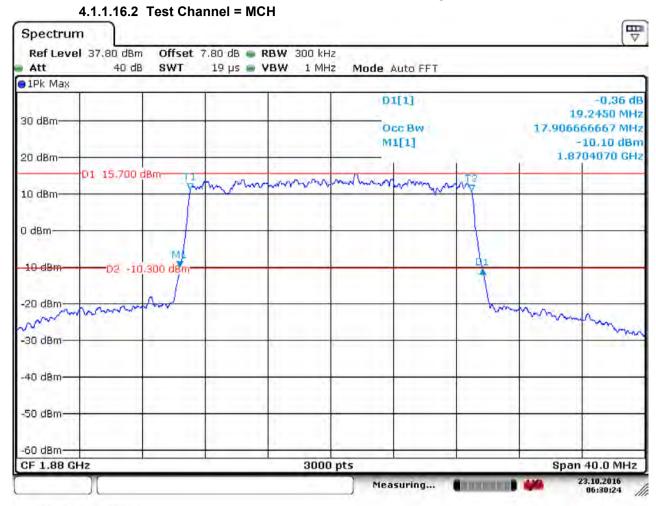


Date: 23.OCT.2016 06:31:38



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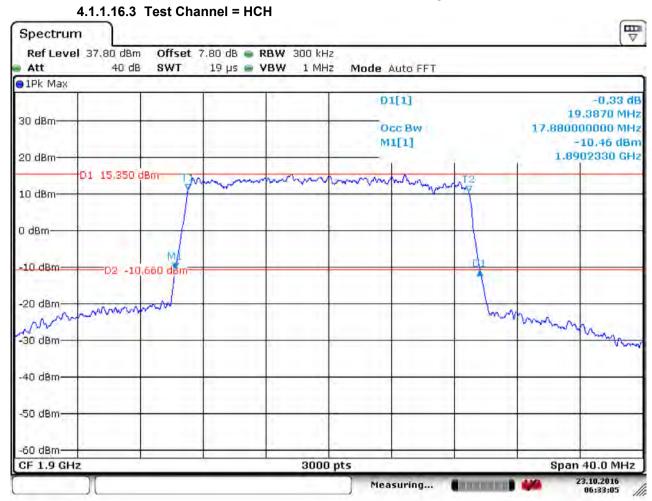


Date: 23.OCT.2016 06:30:24



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Date: 23.OCT.2016 06:33:06

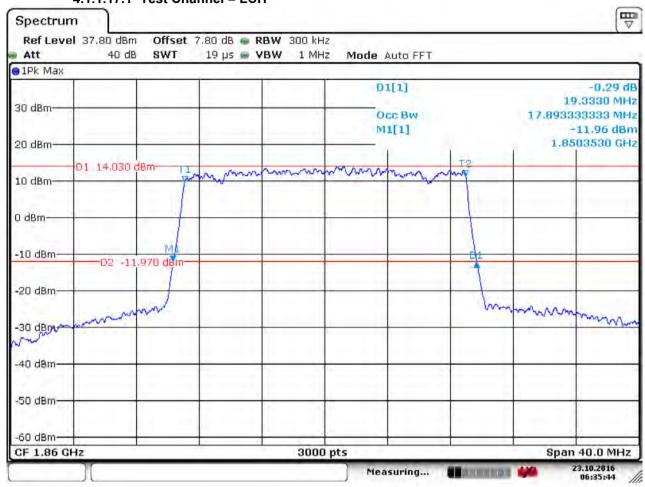


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#### 4.1.1.17 Test Mode = LTE/TM2 20MHz

#### 4.1.1.17.1 Test Channel = LCH

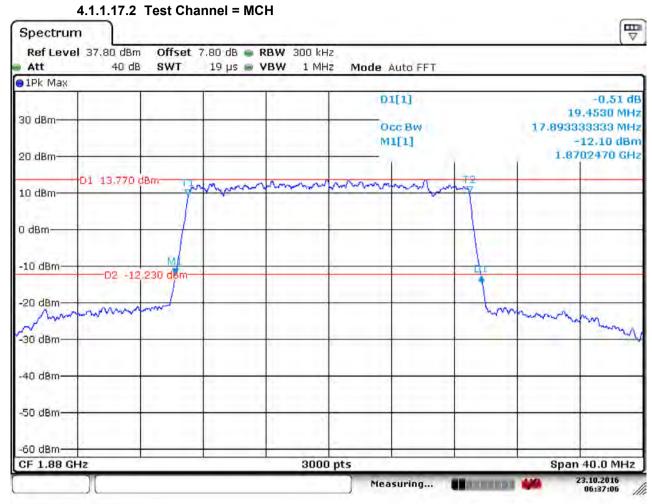


Date: 23.OCT.2016 06:35:45



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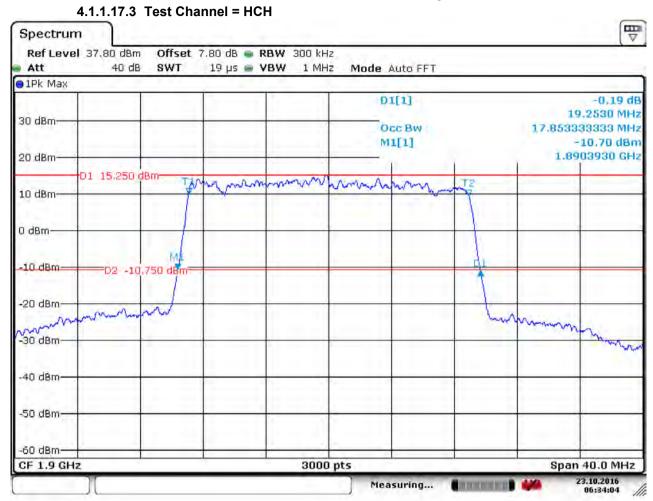


Date: 23.OCT.2016 06:37:07



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Date: 23.OCT.2016 06:34:04

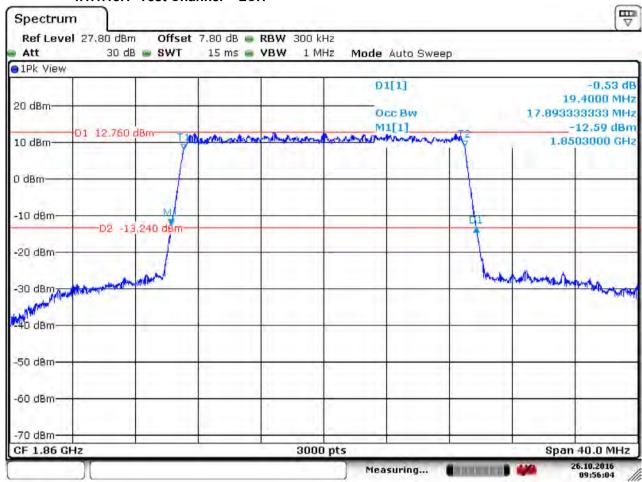


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#### 4.1.1.18 Test Mode = LTE/TM3 20MHz

#### 4.1.1.18.1 Test Channel = LCH

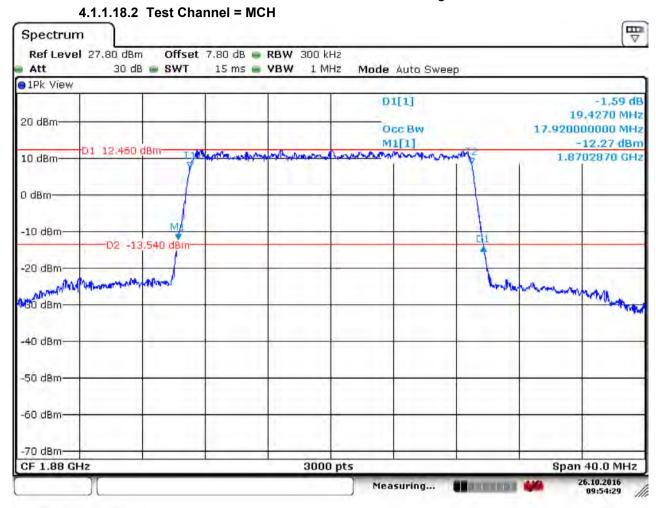


Date: 26.OCT.2016 09:56:04



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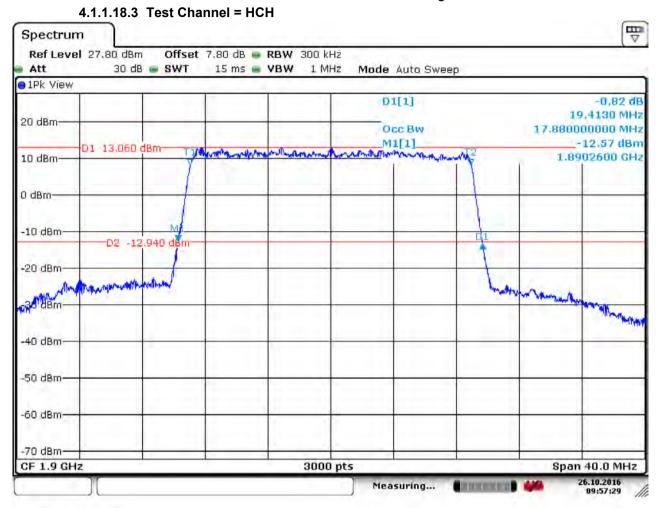


Date: 26.OCT.2016 09:54:30



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Date: 26.OCT.2016 09:57:30



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#### 5 Band Edges Compliance

Part I -

#### 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

#### 5.1.1.1.1.1 Test RB=1RB



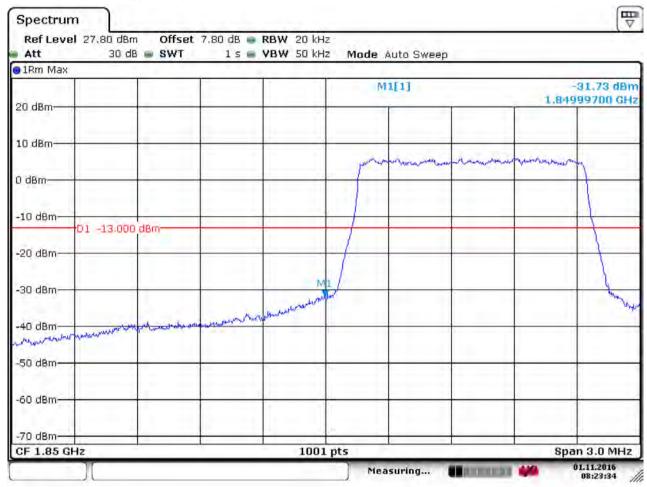
Date: 1.NOV.2016 08:18:46



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#### 5.1.1.1.1.2 Test RB=6RB



Date: 1.NOV.2016 08:23:35

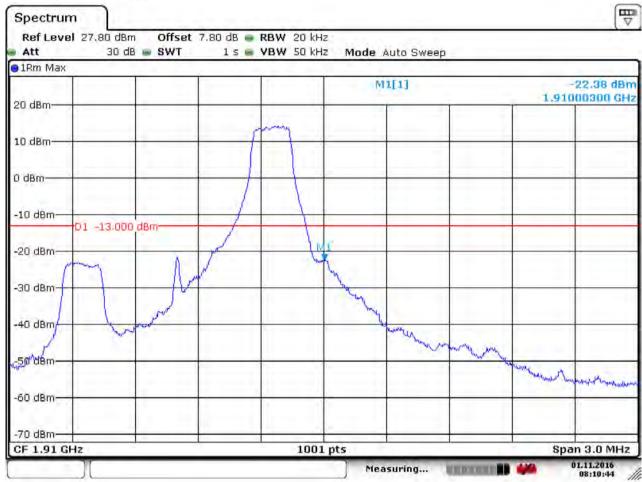


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#### **5.1.1.1.2** Test Channel = HCH

#### 5.1.1.1.2.1 Test RB=1RB

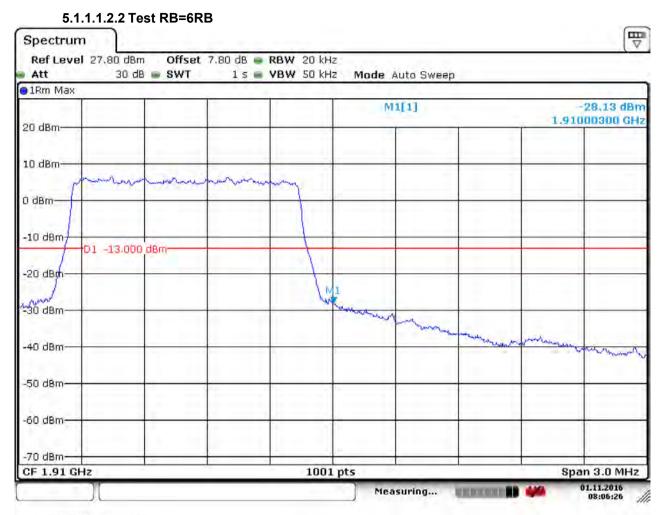


Date: 1.NOV.2016 08:10:44



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Date: 1.NOV.2016 08:06:27

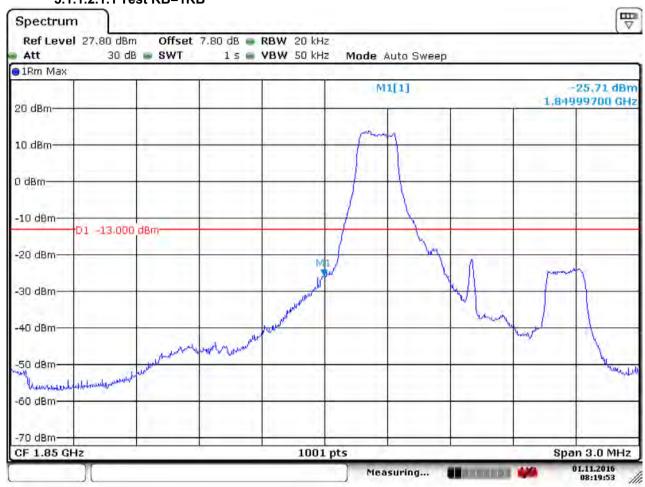


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### 5.1.1.2 Test Mode = LTE/TM2 1.4MHz 5.1.1.2.1 Test Channel = LCH

#### 5.1.1.2.1.1 Test RB=1RB



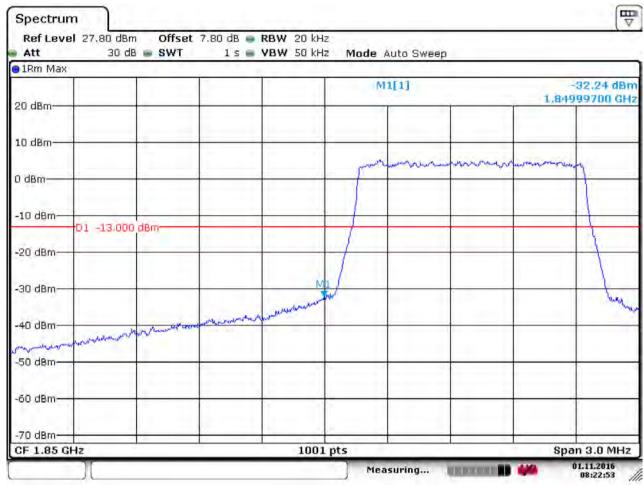
Date: 1.NOV.2016 08:19:54



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### 5.1.1.2.1.2 Test RB=6RB



Date: 1.NOV.2016 08:22:54

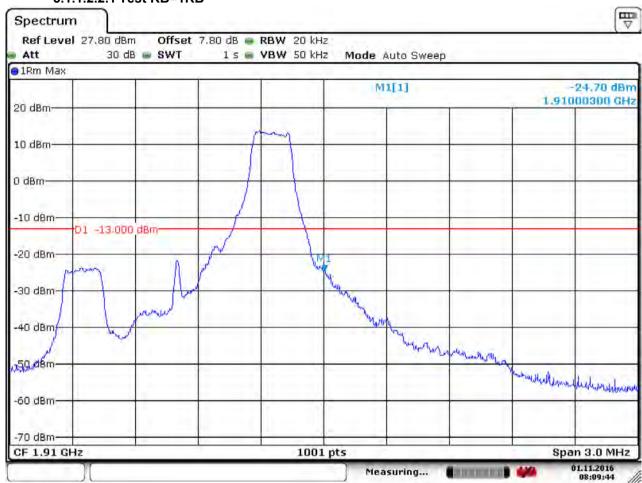


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### **5.1.1.2.2** Test Channel = HCH

### 5.1.1.2.2.1 Test RB=1RB



Date: 1 NOV 2016 08:09:44



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### 5.1.1.2.2.2 Test RB=6RB



Date: 1.NOV.2016 08:07:16

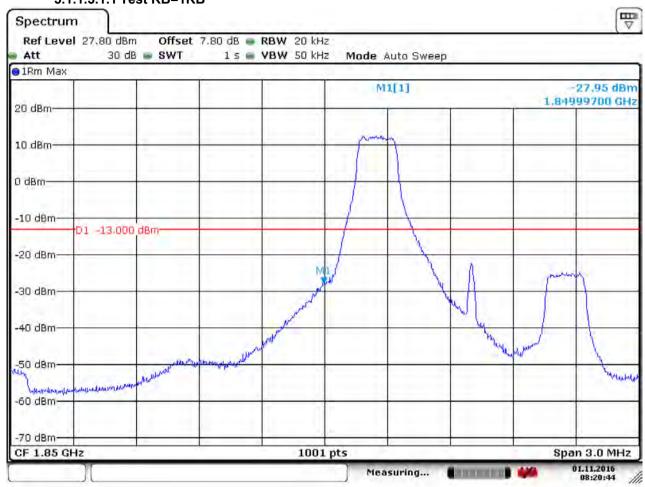


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### 5.1.1.3 Test Mode = LTE/TM3 1.4MHz 5.1.1.3.1 Test Channel = LCH

#### 5.1.1.3.1.1 Test RB=1RB



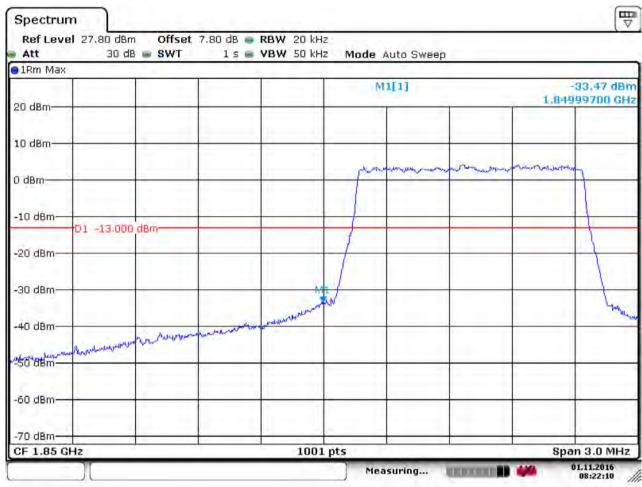
Date: 1 NOV 2016 08:20:44



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#### 5.1.1.3.1.2 Test RB=6RB



Date: 1.NOV.2016 08:22:10

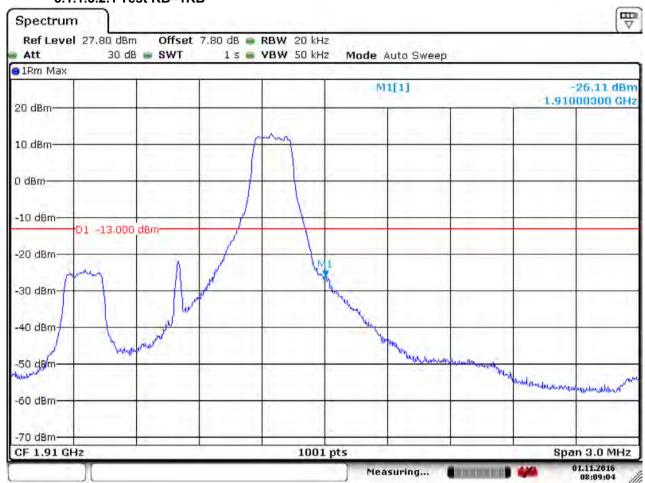


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### **5.1.1.3.2** Test Channel = HCH

### 5.1.1.3.2.1 Test RB=1RB



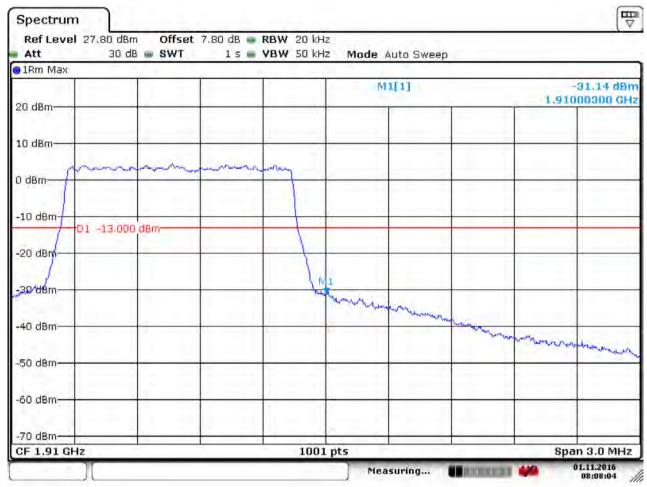
Date: 1.NOV.2016 08:09:05



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#### 5.1.1.3.2.2 Test RB=6RB



Date: 1.NOV.2016 08:08:04

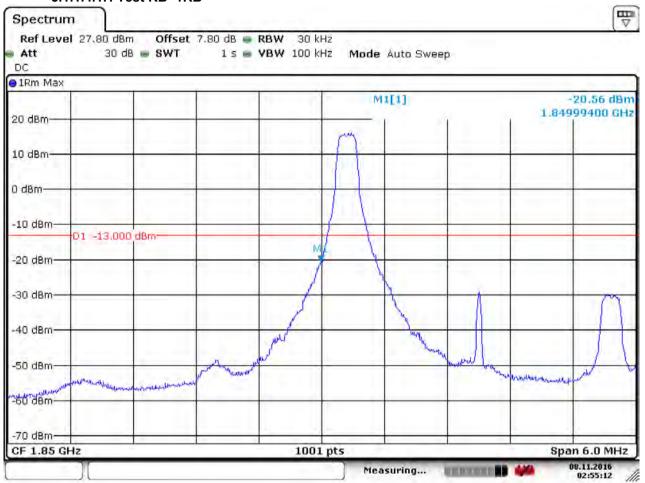


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### 5.1.1.4 Test Mode = LTE/TM1 3MHz 5.1.1.4.1 Test Channel = LCH

#### 5.1.1.4.1.1 Test RB=1RB

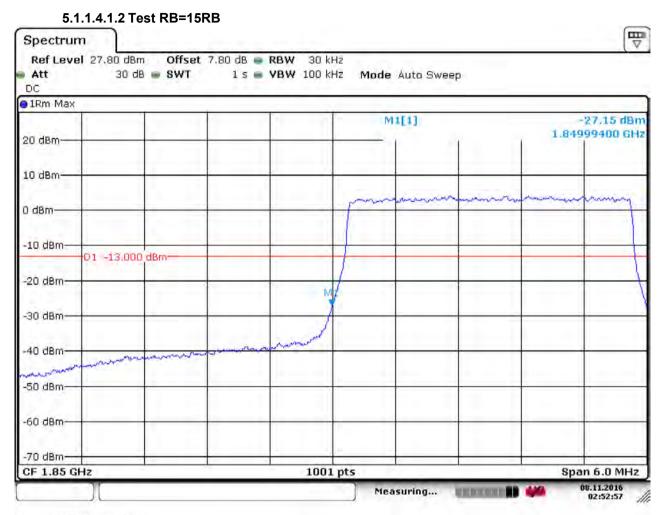


Date: 8 NOV 2016 02:55:12



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Date: 8 NOV 2016 02:52:57

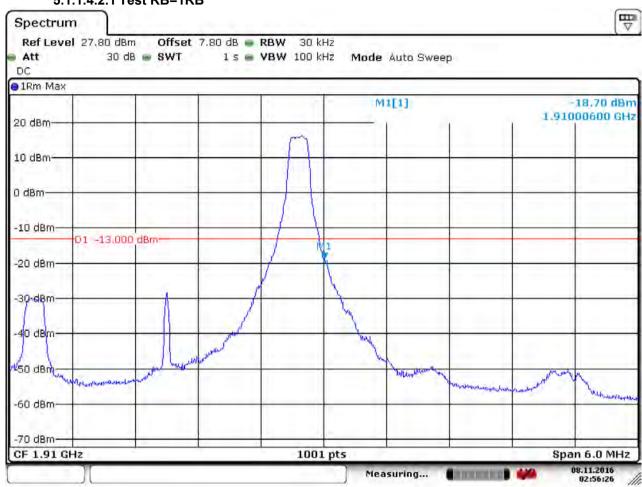


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#### **5.1.1.4.2** Test Channel = HCH

### 5.1.1.4.2.1 Test RB=1RB

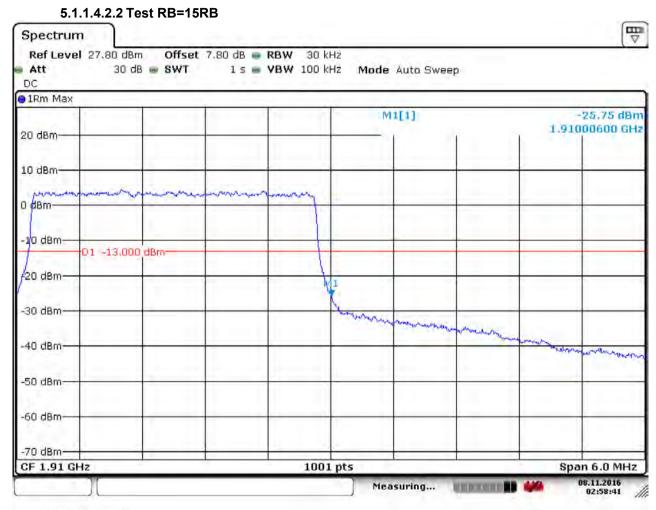


Date: 8 NOV 2016 02:56:27



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Date: 8 NOV 2016 02:58:42

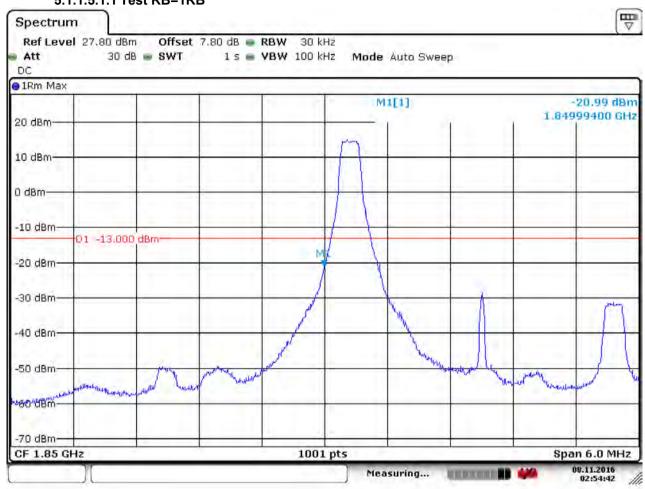


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### 5.1.1.5 Test Mode = LTE/TM2 3MHz 5.1.1.5.1 Test Channel = LCH

#### 5.1.1.5.1.1 Test RB=1RB

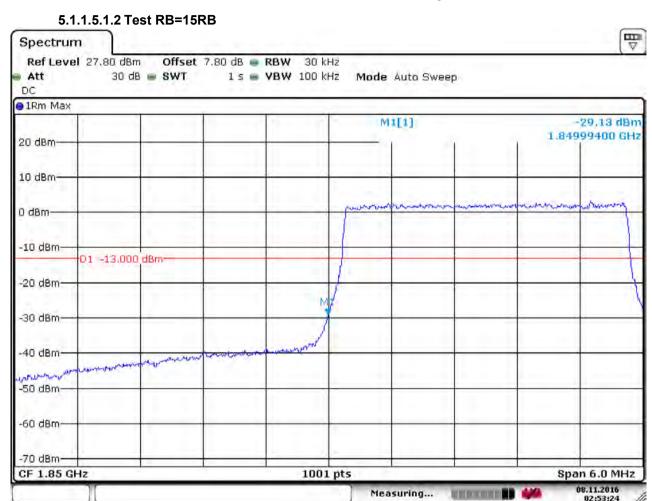


Date: 8 NOV 2016 02:54:42



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Date: 8 NOV 2016 02:53:24

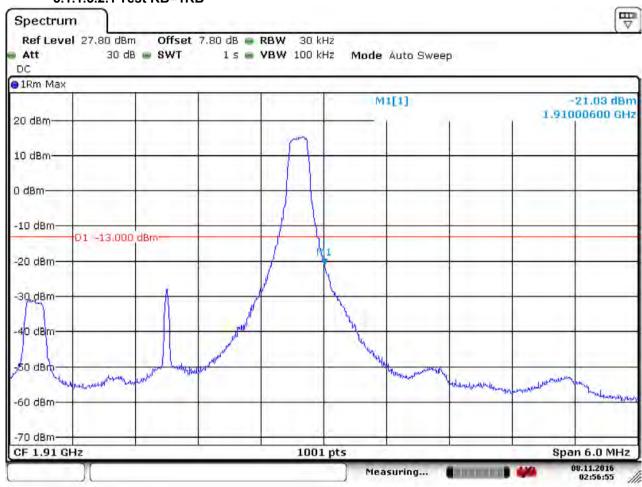


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#### 5.1.1.5.2 Test Channel = HCH

### 5.1.1.5.2.1 Test RB=1RB



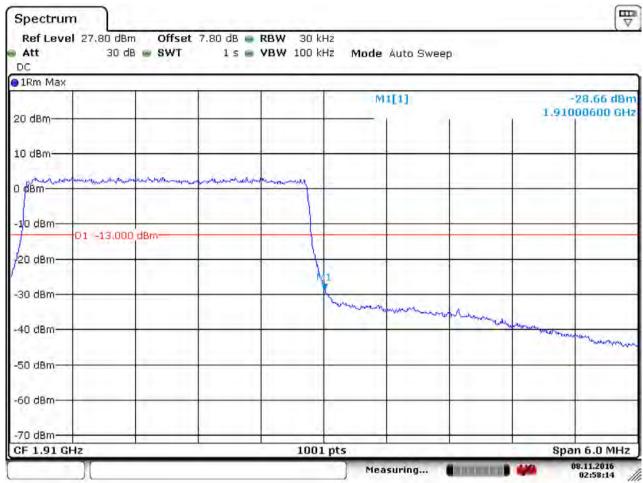
Date: 8 NOV 2016 02:56:55



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### 5.1.1.5.3 Test RB=15RB



Date: 8 NOV 2016 02:58:14



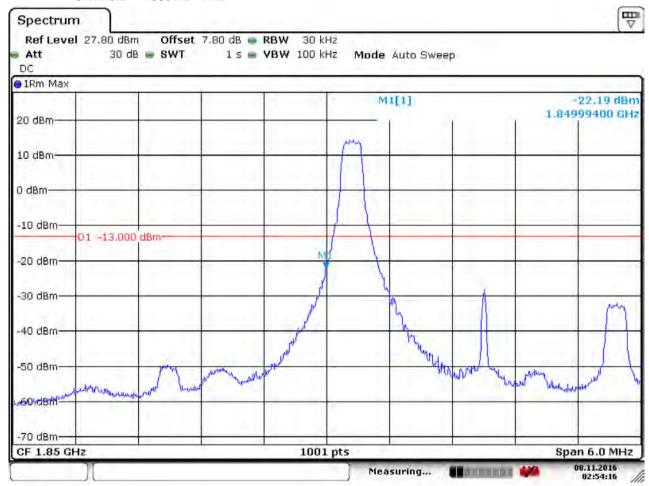
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### 5.1.1.6 Test Mode = LTE/TM3 3MHz

5.1.1.6.1 Test Channel = LCH

5.1.1.6.2 Test RB=1RB

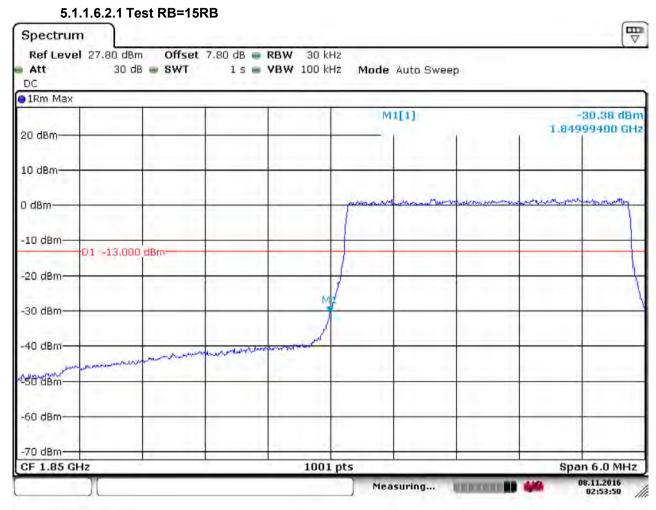


Date: 8 NOV 2016 02:54:16



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Date: 8 NOV 2016 02:53:51

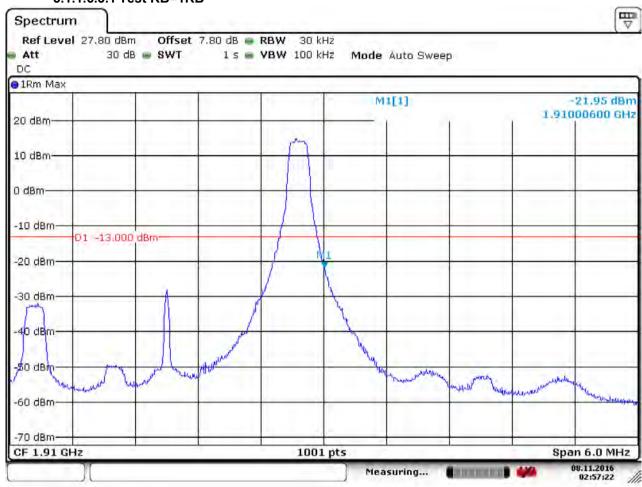


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#### 5.1.1.6.3 Test Channel = HCH

### 5.1.1.6.3.1 Test RB=1RB

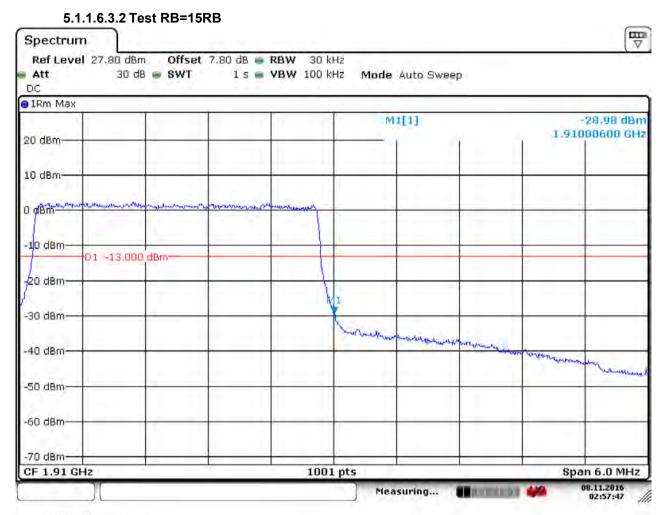


Date: 8 NOV 2016 02:57:22



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Date: 8 NOV 2016 02:57:47

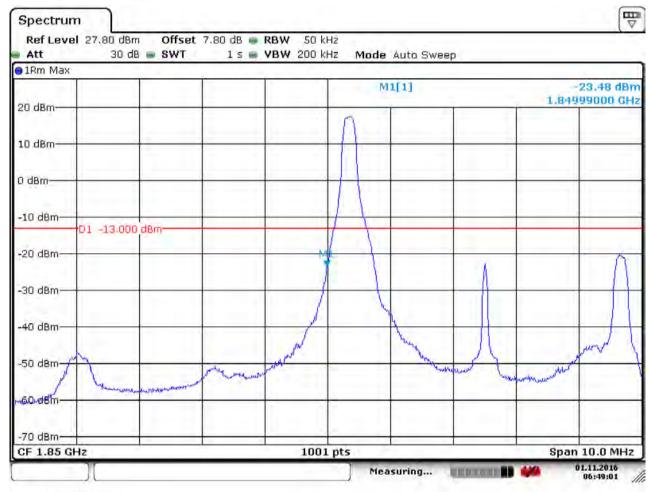


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### 5.1.1.7 Test Mode = LTE/TM1 5MHz 5.1.1.7.1 Test Channel = LCH

#### 5.1.1.7.1.1 Test RB=1RB



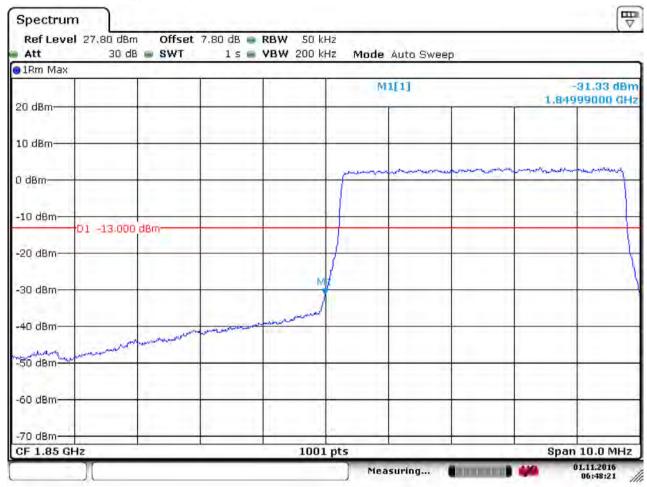
Date: 1.NOV.2016 06:49:01



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#### 5.1.1.7.1.2 Test RB=25RB



Date: 1.NOV.2016 06:48:21

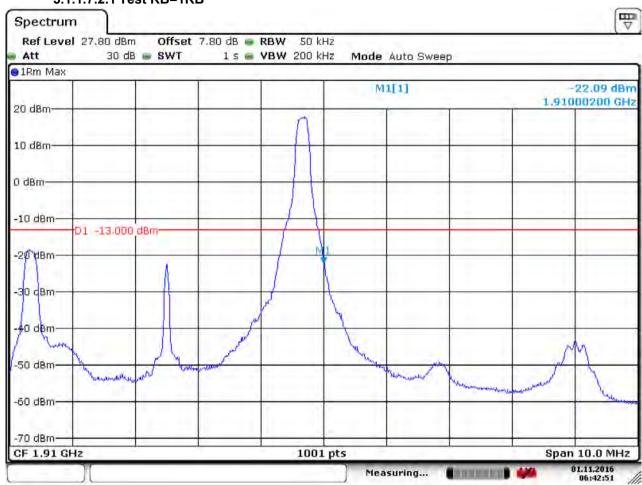


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#### **5.1.1.7.2** Test Channel = HCH

### 5.1.1.7.2.1 Test RB=1RB



Date: 1.NOV.2016 06:42:51



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06:43:44

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Date: 1.NOV.2016 06:43:44

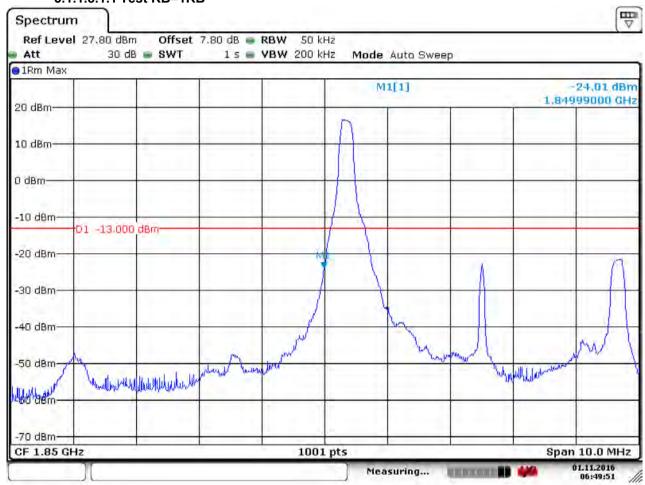


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### 5.1.1.8 Test Mode = LTE/TM2 5MHz 5.1.1.8.1 Test Channel = LCH

#### 5.1.1.8.1.1 Test RB=1RB



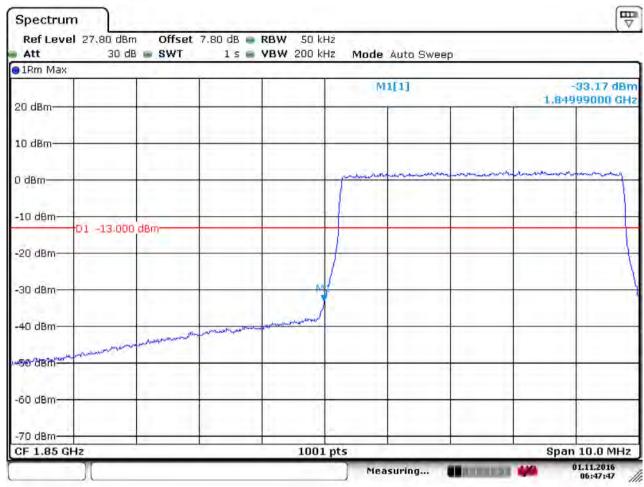
Date: 1.NOV.2016 06:49:51



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#### 5.1.1.8.1.2 Test RB=25RB



Date: 1.NOV.2016 06:47:47

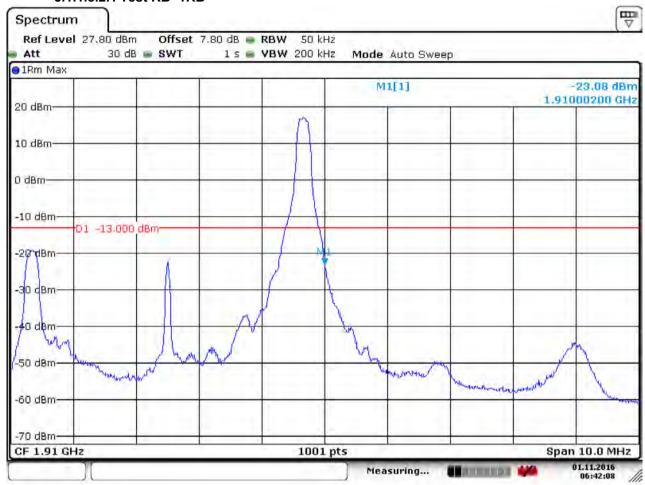


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#### **5.1.1.8.2** Test Channel = HCH

### 5.1.1.8.2.1 Test RB=1RB



Date: 1 NOV 2016 06:42:09



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#### 5.1.1.8.2.2 Test RB=25RB



Date: 1.NOV.2016 06:45:09

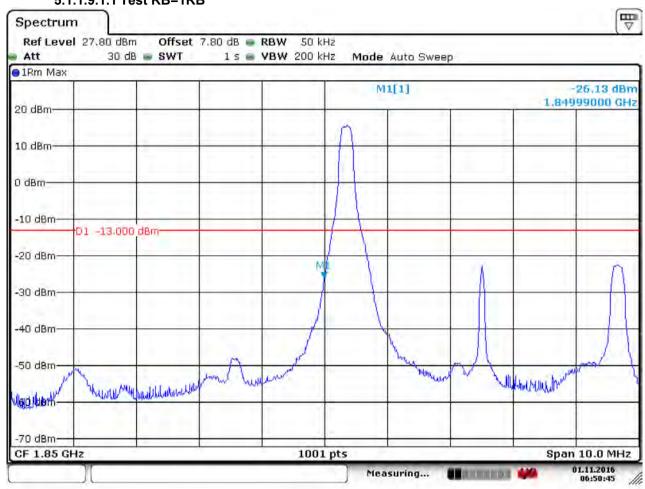


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### 5.1.1.9 Test Mode = LTE/TM3 5MHz 5.1.1.9.1 Test Channel = LCH

#### 5.1.1.9.1.1 Test RB=1RB



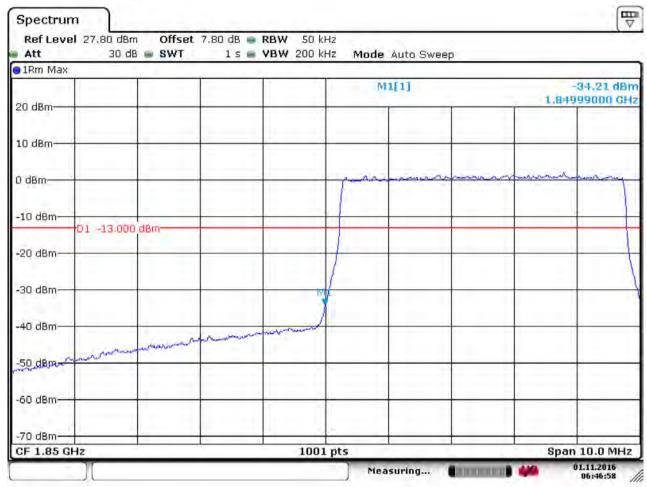
Date: 1.NOV.2016 06:50:45



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#### 5.1.1.9.1.2 Test RB=25RB



Date: 1.NOV.2016 06:46:58

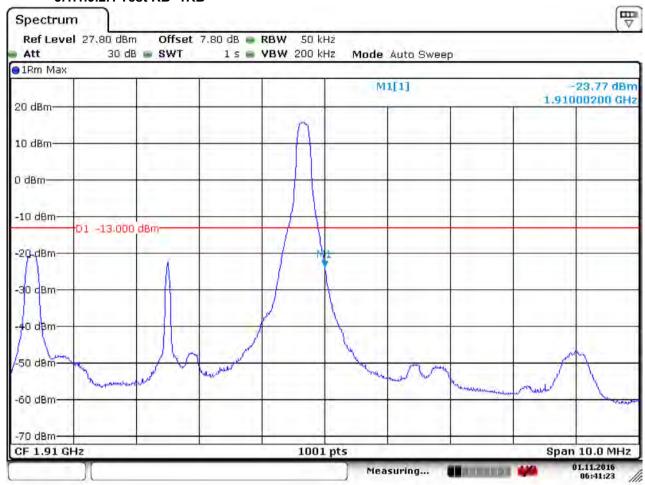


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### **5.1.1.9.2** Test Channel = HCH

### 5.1.1.9.2.1 Test RB=1RB



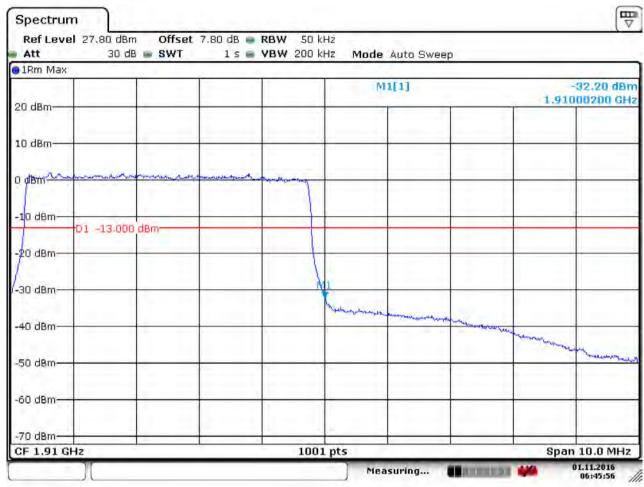
Date: 1.NOV.2016 06:41:23



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#### 5.1.1.9.2.2 Test RB=25RB



Date: 1.NOV.2016 06:45:56

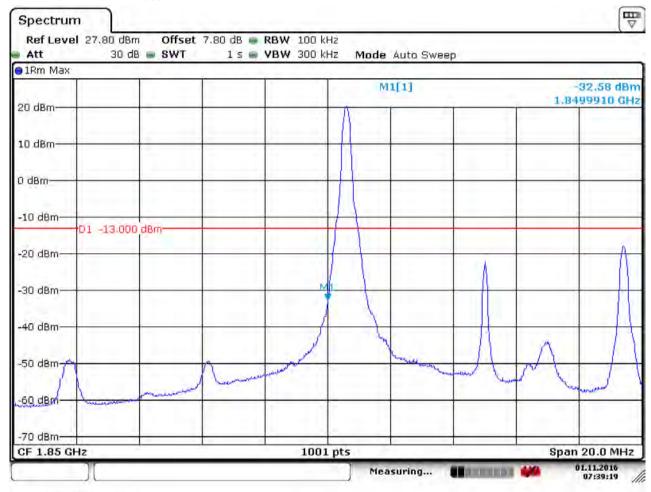


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### 5.1.1.10 Test Mode = LTE/TM1 10MHz 5.1.1.10.1 Test Channel = LCH

#### 5.1.1.10.1.1 Test RB=1RB



Date: 1 NOV 2016 07:39:19