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Appendix B

E-UTRA Band 2



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1 Effective (Isotropic) Radiated Power Output Data

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

Main Supply:

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	22.90	22.86	33.00	PASS
				RB1#2	22.99	22.98	33.00	PASS
				RB1#5	22.90	22.85	33.00	PASS
			LCH	RB3#0	23.01	22.99	33.00	PASS
				RB3#2	22.95	22.91	33.00	PASS
				RB3#3	22.99	22.94	33.00	PASS
				RB6#0	22.02	22.02	33.00	PASS
				RB1#0	23.05	23.01	33.00	PASS
				RB1#2	23.11	23.10	33.00	PASS
			MCH	RB1#5	23.05	23.02	33.00	PASS
BAND2	LTE/TM1	1.4M		RB3#0	23.16	23.15	33.00	PASS
				RB3#2	23.13	23.12	33.00	PASS
				RB3#3	23.28	23.28	33.00	PASS
				RB6#0	22.17	22.16	33.00	PASS
				RB1#0	23.04	23.00	33.00	PASS
				RB1#2	23.23	23.18	33.00	PASS
				RB1#5	22.94	22.94	33.00	PASS
			НСН	RB3#0	23.18	23.16	33.00	PASS
				RB3#2	23.13	23.12	33.00	PASS
				RB3#3	23.16	23.15	33.00	PASS
				RB6#0	22.18	22.13	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	22.19	22.15	33.00	PASS
				RB1#2	22.27	22.24	33.00	PASS
				RB1#5	22.17	22.16	33.00	PASS
			LCH	RB3#0	22.03	21.98	33.00	PASS
				RB3#2	21.97	21.96	33.00	PASS
				RB3#3	22.00	21.98	33.00	PASS
				RB6#0	21.11	21.06	33.00	PASS
				RB1#0	22.30	22.25	33.00	PASS
				RB1#2	22.40	22.38	33.00	PASS
			RB1#5	22.28	22.27	33.00	PASS	
BAND2	LTE/TM2	M2 1.4M	MCH	RB3#0	22.15	22.11	33.00	PASS
				RB3#2	22.12	22.09	33.00	PASS
				RB3#3	22.12	22.08	33.00	PASS
				RB6#0	21.23	21.21	33.00	PASS
				RB1#0	22.32	22.30	33.00	PASS
				RB1#2	22.38	22.34	33.00	PASS
				RB1#5	22.32	22.29	33.00	PASS
			НСН	RB3#0	22.18	22.15	33.00	PASS
				RB3#2	22.15	22.10	33.00	PASS
				RB3#3	22.27	22.26	33.00	PASS
				RB6#0	21.25	21.24	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	22.88	22.85	33.00	PASS
				RB1#7	22.90	22.88	33.00	PASS
				RB1#14	22.86	22.82	33.00	PASS
			LCH	RB8#0	22.04	22.02	33.00	PASS
				RB8#4	22.03	22.01	33.00	PASS
				RB8#7	22.01	21.99	33.00	PASS
				RB15#0	22.00	21.97	33.00	PASS
				RB1#0	23.04	22.99	33.00	PASS
				RB1#7	23.08	23.06	33.00	PASS
			MCH	RB1#14	23.00	22.97	33.00	PASS
BAND2	LTE/TM1	11 3M		RB8#0	22.20	22.18	33.00	PASS
				RB8#4	22.17	22.16	33.00	PASS
				RB8#7	22.18	22.17	33.00	PASS
				RB15#0	22.18	22.15	33.00	PASS
				RB1#0	23.05	23.01	33.00	PASS
				RB1#7	23.07	23.02	33.00	PASS
				RB1#14	23.01	22.98	33.00	PASS
			HCH	RB8#0	22.20	22.19	33.00	PASS
				RB8#4	22.50	22.50	33.00	PASS
				RB8#7	22.08	22.04	33.00	PASS
				RB15#0	22.44	22.41	33.00	PASS



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					r age.			
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	22.21	22.21	33.00	PASS
				RB1#7	22.22	22.21	33.00	PASS
				RB1#14	22.19	22.18	33.00	PASS
			LCH	RB8#0	21.10	21.09	33.00	PASS
				RB8#4	21.09	21.08	33.00	PASS
				RB8#7	21.08	21.03	33.00	PASS
				RB15#0	21.04	21.00	33.00	PASS
				RB1#0	22.32	22.32	33.00	PASS
		M2 3M		RB1#7	22.36	22.33	33.00	PASS
			MCH	RB1#14	22.30	22.25	33.00	PASS
BAND2	LTE/TM2			RB8#0	21.27	21.25	33.00	PASS
				RB8#4	21.23	21.19	33.00	PASS
				RB8#7	21.25	21.24	33.00	PASS
				RB15#0	21.20	21.17	33.00	PASS
				RB1#0	22.36	22.33	33.00	PASS
				RB1#7	22.46	22.46	33.00	PASS
				RB1#14	22.43	22.38	33.00	PASS
		НСН	RB8#0	21.40	21.39	33.00	PASS	
				RB8#4	21.26	21.23	33.00	PASS
				RB8#7	21.27	21.26	33.00	PASS
				RB15#0	21.20	21.17	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	22.99	22.96	33.00	PASS
				RB1#13	22.97	22.96	33.00	PASS
				RB1#24	22.90	22.86	33.00	PASS
			LCH	RB12#0	22.10	22.07	33.00	PASS
				RB12#6	22.09	22.05	33.00	PASS
				RB12#13	22.08	22.05	33.00	PASS
				RB25#0	22.05	22.00	33.00	PASS
				RB1#0	23.16	23.14	33.00	PASS
				RB1#13	23.14	23.11	33.00	PASS
			мсн	RB1#24	23.06	23.04	33.00	PASS
BAND2	LTE/TM1	5M		RB12#0	22.26	22.22	33.00	PASS
				RB12#6	22.25	22.23	33.00	PASS
				RB12#13	22.22	22.17	33.00	PASS
				RB25#0	22.22	22.18	33.00	PASS
				RB1#0	23.14	23.10	33.00	PASS
				RB1#13	23.04	23.00	33.00	PASS
				RB1#24	23.02	22.98	33.00	PASS
		нсн	RB12#0	22.29	22.24	33.00	PASS	
				RB12#6	22.27	22.25	33.00	PASS
				RB12#13	22.27	22.26	33.00	PASS
				RB25#0	22.24	22.20	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	22.30	22.25	33.00	PASS
				RB1#13	22.26	22.26	33.00	PASS
				RB1#24	22.20	22.18	33.00	PASS
			LCH	RB12#0	21.08	21.04	33.00	PASS
				RB12#6	21.07	21.02	33.00	PASS
				RB12#13	21.06	21.02	33.00	PASS
				RB25#0	21.04	21.03	33.00	PASS
				RB1#0	22.34	22.30	33.00	PASS
		5M		RB1#13	22.36	22.35	33.00	PASS
			МСН	RB1#24	22.27	22.23	33.00	PASS
BAND2	LTE/TM2			RB12#0	21.25	21.23	33.00	PASS
				RB12#6	21.22	21.19	33.00	PASS
				RB12#13	21.20	21.17	33.00	PASS
				RB25#0	21.19	21.19	33.00	PASS
				RB1#0	22.43	22.39	33.00	PASS
				RB1#13	22.42	22.39	33.00	PASS
				RB1#24	22.36	22.32	33.00	PASS
			HCH	RB12#0	21.27	21.23	33.00	PASS
			RB12#6	21.26	21.23	33.00	PASS	
				RB12#13	21.27	21.26	33.00	PASS
				RB25#0	21.23	21.19	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	23.03	23.01	33.00	PASS	
				RB1#25	22.97	22.93	33.00	PASS	
				RB1#49	22.99	22.99	33.00	PASS	
			LCH	RB25#0	22.07	22.06	33.00	PASS	
				RB25#13	22.06	22.05	33.00	PASS	
				RB25#25	22.06	22.03	33.00	PASS	
				RB50#0	22.09	22.05	33.00	PASS	
				RB1#0	23.17	23.17	33.00	PASS	
				RB1#25	23.13	23.09	33.00	PASS	
		TM1 10M	МСН	RB1#49	23.12	23.08	33.00	PASS	
BAND2	LTE/TM1			RB25#0	22.26	22.21	33.00	PASS	
				RB25#13	22.21	22.17	33.00	PASS	
				RB25#25	22.19	22.19	33.00	PASS	
				RB50#0	22.27	22.27	33.00	PASS	
				RB1#0	23.15	23.10	33.00	PASS	
				RB1#25	23.32	23.31	33.00	PASS	
				RB1#49	23.05	23.00	33.00	PASS	
			НСН	RB25#0	22.29	22.27	33.00	PASS	
			RB25#13	22.26	22.23	33.00	PASS		
				RB25#25	22.24	22.22	33.00	PASS	
				RB50#0	22.25	22.23	33.00	PASS	



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Test	Toot	Toot	Tool		Magazzad	FIRE		
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	22.36	22.33	33.00	PASS
				RB1#25	22.28	22.24	33.00	PASS
				RB1#49	22.29	22.26	33.00	PASS
			LCH	RB25#0	21.09	21.07	33.00	PASS
				RB25#13	21.06	21.03	33.00	PASS
				RB25#25	21.08	21.05	33.00	PASS
				RB50#0	21.1	21.08	33.00	PASS
				RB1#0	22.46	22.45	33.00	PASS
				RB1#25	22.38	22.33	33.00	PASS
		/TM2 10M	МСН	RB1#49	22.38	22.37	33.00	PASS
BAND2	LTE/TM2			RB25#0	21.24	21.20	33.00	PASS
				RB25#13	21.23	21.21	33.00	PASS
				RB25#25	21.2	21.15	33.00	PASS
				RB50#0	21.25	21.22	33.00	PASS
				RB1#0	22.46	22.46	33.00	PASS
				RB1#25	22.41	22.41	33.00	PASS
				RB1#49	22.44	22.44	33.00	PASS
			НСН	RB25#0	21.26	21.23	33.00	PASS
				RB25#13	21.25	21.25	33.00	PASS
				RB25#25	21.24	21.20	33.00	PASS
				RB50#0	21.26	21.24	33.00	PASS



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Toot	Toot	Toot	Toot		Magazrad	EIDD	lim:4	
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	23.12	23.12	33.00	PASS
				RB1#38	23.05	23.04	33.00	PASS
				RB1#74	23.08	23.03	33.00	PASS
			LCH	RB36#0	22.17	22.12	33.00	PASS
				RB36#18	22.13	22.12	33.00	PASS
				RB36#39	22.18	22.14	33.00	PASS
				RB75#0	22.16	22.11	33.00	PASS
				RB1#0	23.23	23.19	33.00	PASS
				RB1#38	23.14	23.10	33.00	PASS
				RB1#74	23.13	23.13	33.00	PASS
BAND2	LTE/TM1	15M	MCH	RB36#0	22.28	22.28	33.00	PASS
				RB36#18	22.26	22.24	33.00	PASS
				RB36#39	22.21	22.19	33.00	PASS
				RB75#0	22.25	22.22	33.00	PASS
				RB1#0	23.16	23.13	33.00	PASS
				RB1#38	23.12	23.08	33.00	PASS
				RB1#74	23.15	23.11	33.00	PASS
			HCH	RB36#0	22.44	22.41	33.00	PASS
				RB36#18	22.45	22.44	33.00	PASS
				RB36#39	22.46	22.42	33.00	PASS
				RB75#0	22.41	22.38	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	22.4	22.40	33.00	PASS	
				RB1#38	22.37	22.36	33.00	PASS	
				RB1#74	22.36	22.34	33.00	PASS	
			LCH	RB36#0	21.19	21.15	33.00	PASS	
				RB36#18	21.15	21.10	33.00	PASS	
				RB36#39	21.2	21.16	33.00	PASS	
				RB75#0	21.17	21.15	33.00	PASS	
				RB1#0	22.43	22.39	33.00	PASS	
				RB1#38	22.36	22.32	33.00	PASS	
	BAND2 LTE/TM2	2 15M	MCH		RB1#74	22.41	22.40	33.00	PASS
BAND2				RB36#0	21.29	21.25	33.00	PASS	
				RB36#18	21.26	21.22	33.00	PASS	
				RB36#39	21.22	21.18	33.00	PASS	
				RB75#0	21.25	21.22	33.00	PASS	
				RB1#0	22.45	22.45	33.00	PASS	
				RB1#38	22.39	22.38	33.00	PASS	
				RB1#74	22.47	22.42	33.00	PASS	
			HCH	RB36#0	21.27	21.24	33.00	PASS	
				RB36#18	21.28	21.27	33.00	PASS	
				RB36#39	21.26	21.21	33.00	PASS	
				RB75#0	21.26	21.24	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	23.32	23.28	33.00	PASS
				RB1#50	23.12	23.11	33.00	PASS
				RB1#99	23.14	23.09	33.00	PASS
			LCH	RB50#0	22.34	22.34	33.00	PASS
				RB50#25	22.22	22.19	33.00	PASS
				RB50#50	22.25	22.20	33.00	PASS
				RB100#0	22.28	22.26	33.00	PASS
				RB1#0	23.21	23.17	33.00	PASS
				RB1#50	23.18	23.14	33.00	PASS
	BAND2 LTE/TM1	1 20M	МСН	RB1#99	23.18	23.15	33.00	PASS
BAND2				RB50#0	22.3	22.28	33.00	PASS
				RB50#25	22.25	22.21	33.00	PASS
				RB50#50	22.27	22.23	33.00	PASS
				RB100#0	22.23	22.20	33.00	PASS
				RB1#0	23.26	23.24	33.00	PASS
				RB1#50	23.16	23.16	33.00	PASS
				RB1#99	23.2	23.16	33.00	PASS
			НСН	RB50#0	22.28	22.27	33.00	PASS
				RB50#25	22.26	22.25	33.00	PASS
				RB50#50	22.28	22.26	33.00	PASS
				RB100#0	22.27	22.27	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	22.48	22.47	33.00	PASS
				RB1#50	22.42	22.41	33.00	PASS
				RB1#99	22.47	22.44	33.00	PASS
			LCH	RB50#0	21.24	21.20	33.00	PASS
				RB50#25	21.22	21.21	33.00	PASS
				RB50#50	21.26	21.23	33.00	PASS
				RB100#0	21.24	21.22	33.00	PASS
				RB1#0	22.49	22.49	33.00	PASS
				RB1#50	22.42	22.38	33.00	PASS
				RB1#99	22.45	22.44	33.00	PASS
BAND2	LTE/TM2	20M	MCH	RB50#0	21.35	21.33	33.00	PASS
				RB50#25	21.32	21.32	33.00	PASS
				RB50#50	21.27	21.25	33.00	PASS
				RB100#0	21.29	21.28	33.00	PASS
				RB1#0	22.44	22.39	33.00	PASS
				RB1#50	22.43	22.38	33.00	PASS
				RB1#99	22.48	22.45	33.00	PASS
			HCH	RB50#0	21.31	21.27	33.00	PASS
				RB50#25	21.28	21.25	33.00	PASS
				RB50#50	21.3	21.25	21.23 33.00 PASS 21.22 33.00 PASS 22.49 33.00 PASS 22.38 33.00 PASS 22.38 33.00 PASS 22.44 33.00 PASS 21.33 33.00 PASS 21.32 33.00 PASS 21.25 33.00 PASS 22.39 33.00 PASS	
				RB100#0	21.29	21.27	33.00	PASS



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Secondary Supply:

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	22.79	20.43	33.00	PASS
				RB1#2	22.84	20.48	33.00	PASS
				RB1#5	22.80	20.47	33.00	PASS
			LCH	RB3#0	22.94	20.64	33.00	PASS
				RB3#2	22.82	20.37	33.00	PASS
				RB3#3	22.87	20.46	33.00	PASS
				RB6#0	21.84	19.47	33.00	PASS
				RB1#0	22.63	20.22	33.00	PASS
				RB1#2	22.71	20.37	33.00	PASS
				RB1#5	22.65	20.24	33.00	PASS
BAND2	LTE/TM1	1.4M	MCH	RB3#0	22.75	20.43	33.00	PASS
				RB3#2	22.74	20.37	33.00	PASS
				RB3#3	22.67	20.36	33.00	PASS
				RB6#0	21.72	19.37	33.00	PASS
				RB1#0	22.73	20.36	33.00	PASS
				RB1#2	22.79	20.38	33.00	PASS
				RB1#5	22.70	20.34	33.00	PASS
			HCH	RB3#0	22.78	20.46	33.00	PASS
				RB3#2	22.70	20.33	33.00	PASS
				RB3#3	22.78	20.37	33.00	PASS
				RB6#0	21.77	19.44	33.00	PASS



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Test Test Test Test Measured FIRD limit								
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	22.23	19.78	33.00	PASS
				RB1#2	22.23	19.87	33.00	PASS
				RB1#5	22.00	19.65	33.00	PASS
			LCH	RB3#0	22.02	19.70	33.00	PASS
				RB3#2	21.79	19.37	33.00	PASS
				RB3#3	21.79	19.48	33.00	PASS
				RB6#0	21.04	18.73	33.00	PASS
				RB1#0	21.86	19.42	33.00	PASS
				RB1#2	21.52	19.08	33.00	PASS
				RB1#5	21.44	19.08	33.00	PASS
BAND2	LTE/TM2	1.4M	MCH	RB3#0	21.70	19.29	33.00	PASS
				RB3#2	21.63	19.29	33.00	PASS
				RB3#3	21.67	19.30	33.00	PASS
				RB6#0	20.80	18.46	33.00	PASS
				RB1#0	22.16	19.75	33.00	PASS
				RB1#2	21.80	19.39	33.00	PASS
				RB1#5	21.64	19.29	33.00	PASS
			НСН	RB3#0	21.84	19.50	33.00	PASS
				RB3#2	21.58	19.13	33.00	PASS
				RB3#3	21.63	19.31	33.00	PASS
				RB6#0	20.81	18.45	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	20.31	33.00	PASS
				RB1#7	22.83	20.41	33.00	PASS
				RB1#14	22.77	20.35	33.00	PASS
			LCH	RB8#0	21.84	19.52	33.00	PASS
				RB8#4	21.84	19.49	33.00	PASS
				RB8#7	21.83	19.52	33.00	PASS
				RB15#0	21.82	19.38	33.00	PASS
				RB1#0	22.58	20.14	33.00	PASS
				RB1#7	22.65	20.34	33.00	PASS
				RB1#14	22.63	20.25	33.00	PASS
BAND2	LTE/TM1	3M	MCH	RB8#0	21.74	19.33	33.00	PASS
				RB8#4	21.76	19.37	33.00	PASS
				RB8#7	21.74	19.34	33.00	PASS
				RB15#0	21.7	19.35	33.00	PASS
				RB1#0	22.56	20.14	33.00	PASS
				RB1#7	22.69	20.27	33.00	PASS
				RB1#14	22.61	20.22	33.00	PASS
			HCH	RB8#0	21.73	19.31	33.00	PASS
				RB8#4	21.76	19.43	33.00	PASS
				RB8#7	21.69	19.31	33.00	PASS
				RB15#0	21.76	19.36	33.00	PASS



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	Page. 10 01 00							
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	21.94	19.56	33.00	PASS
				RB1#7	21.94	19.51	33.00	PASS
				RB1#14	22.51	20.20	33.00	PASS
			LCH	RB8#0	20.77	18.39	33.00	PASS
				RB8#4	20.83	18.41	33.00	PASS
				RB8#7	20.83	18.46	33.00	PASS
				RB15#0	20.84	18.52	33.00	PASS
				RB1#0	22.27	19.96	33.00	PASS
				RB1#7	22.01	19.66	33.00	PASS
				RB1#14	21.70	19.33	33.00	PASS
BAND2	LTE/TM2	3M	MCH	RB8#0	20.66	18.24	33.00	PASS
				RB8#4	20.69	18.29	33.00	PASS
				RB8#7	20.76	18.35	33.00	PASS
				RB15#0	20.66	18.35	33.00	PASS
				RB1#0	22.43	20.12	33.00	PASS
				RB1#7	21.70	19.30	33.00	PASS
				RB1#14	22.16	19.84	33.00	PASS
			HCH	RB8#0	20.88	18.56	33.00	PASS
				RB8#4	20.79	18.46	33.00	PASS
				RB8#7	20.80	18.48	33.00	PASS
				RB15#0	20.81	18.49	33.00	PASS



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		ı	1	Page. 19 01 00					
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict	
				RB1#0	22.77	20.32	33.00	PASS	
				RB1#13	22.73	20.41	33.00	PASS	
				RB1#24	22.73	20.28	33.00	PASS	
			LCH	RB12#0	21.91	19.56	33.00	PASS	
				RB12#6	21.87	19.50	33.00	PASS	
				RB12#13	21.83	19.50	33.00	PASS	
				RB25#0	21.84	19.42	33.00	PASS	
				RB1#0	22.80	20.42	33.00	PASS	
				RB1#13	22.68	20.36	33.00	PASS	
				RB1#24	22.58	20.18	33.00	PASS	
BAND2	LTE/TM1	5M	MCH	RB12#0	21.77	19.42	33.00	PASS	
				RB12#6	21.70	19.37	33.00	PASS	
				RB12#13	21.77	19.40	33.00	PASS	
				RB25#0	21.72	19.39	33.00	PASS	
				RB1#0	22.81	20.42	33.00	PASS	
				RB1#13	22.85	20.45	33.00	PASS	
				RB1#24	22.58	20.27	33.00	PASS	
			НСН	RB12#0	21.79	19.47	33.00	PASS	
				RB12#6	21.78	19.35	33.00	PASS	
				RB12#13	21.78	19.35	33.00	PASS	
				RB25#0	21.75	19.31	33.00	PASS	



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		T	1		Page. 20 01 00					
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict		
				RB1#0	22.00	19.69	33.00	PASS		
				RB1#13	22.18	19.76	33.00	PASS		
				RB1#24	22.02	19.62	33.00	PASS		
			LCH	RB12#0	20.96	18.63	33.00	PASS		
				RB12#6	20.84	18.42	33.00	PASS		
				RB12#13	20.89	18.58	33.00	PASS		
				RB25#0	20.87	18.52	33.00	PASS		
				RB1#0	22.30	19.92	33.00	PASS		
				RB1#13	21.91	19.54	33.00	PASS		
				RB1#24	21.83	19.49	33.00	PASS		
BAND2	LTE/TM2	5M	MCH	RB12#0	20.73	18.36	33.00	PASS		
				RB12#6	20.76	18.40	33.00	PASS		
				RB12#13	20.77	18.33	33.00	PASS		
				RB25#0	20.77	18.36	33.00	PASS		
				RB1#0	22.38	20.04	33.00	PASS		
				RB1#13	22.41	19.97	33.00	PASS		
				RB1#24	21.51	19.12	33.00	PASS		
			HCH	RB12#0	20.72	18.33	33.00	PASS		
				RB12#6	20.81	18.49	33.00	PASS		
				RB12#13	20.85	18.48	33.00	PASS		
				RB25#0	20.73	18.29	33.00	PASS		



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	Page. 21 01 00						1	
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
				RB1#0	22.55	20.18	33.00	PASS
				RB1#25	22.36	20.01	33.00	PASS
				RB1#49	22.38	19.93	33.00	PASS
			LCH	RB25#0	21.50	19.12	33.00	PASS
				RB25#13	21.49	19.12	33.00	PASS
				RB25#25	21.45	19.05	33.00	PASS
				RB50#0	21.50	19.16	33.00	PASS
				RB1#0	22.43	20.00	33.00	PASS
				RB1#25	22.36	20.02	33.00	PASS
				RB1#49	22.39	20.00	33.00	PASS
BAND2	LTE/TM1	10M	МСН	RB25#0	21.36	18.94	33.00	PASS
				RB25#13	21.39	18.94	33.00	PASS
				RB25#25	21.35	18.99	33.00	PASS
				RB50#0	21.39	18.94	33.00	PASS
				RB1#0	22.34	19.91	33.00	PASS
				RB1#25	22.24	19.83	33.00	PASS
				RB1#49	22.24	19.91	33.00	PASS
			НСН	RB25#0	22.35	20.03	33.00	PASS
				RB25#13	21.43	19.10	33.00	PASS
				RB25#25	21.33	18.97	33.00	PASS
				RB50#0	21.36	19.02	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	21.80	19.47	33.00	PASS
				RB1#25	21.65	19.28	33.00	PASS
				RB1#49	21.47	19.14	33.00	PASS
			LCH	RB25#0	20.58	18.14	33.00	PASS
				RB25#13	20.37	17.96	33.00	PASS
				RB25#25	20.42	18.04	33.00	PASS
				RB50#0	20.51	18.13	33.00	PASS
				RB1#0	21.14	18.71	33.00	PASS
				RB1#25	21.09	18.65	33.00	PASS
				RB1#49	21.37	19.01	33.00	PASS
BAND2	LTE/TM2	10M	MCH	RB25#0	20.42	18.10	33.00	PASS
				RB25#13	20.01	17.58	33.00	PASS
				RB25#25	20.84	18.52	33.00	PASS
				RB50#0	20.72	18.28	33.00	PASS
				RB1#0	21.47	19.06	33.00	PASS
				RB1#25	21.59	19.28	33.00	PASS
				RB1#49	21.34	18.92	33.00	PASS
			НСН	RB25#0	20.65	18.33	33.00	PASS
				RB25#13	21.16	18.83	33.00	PASS
				RB25#25	20.79	18.39	33.00	PASS
				RB50#0	20.69	18.29	33.00	PASS



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Test	Test	Test	Test	Total DD	Measured	EIRP	limit	Manali at
Band(LTE)	Mode	Bandwidth	channel	Test RB	(dBm)	(dBm)	(dBm)	Verdict
				RB1#0	22.88	20.49	33.00	PASS
				RB1#38	22.82	20.45	33.00	PASS
				RB1#74	22.74	20.29	33.00	PASS
			LCH	RB36#0	22.08	19.69	33.00	PASS
				RB36#18	22.35	19.99	33.00	PASS
				RB36#39	22.34	19.97	33.00	PASS
				RB75#0	22.06	19.62	33.00	PASS
				RB1#0	22.80	20.48	33.00	PASS
				RB1#38	22.65	20.24	33.00	PASS
				RB1#74	22.77	20.45	33.00	PASS
BAND2	LTE/TM1	15M	MCH	RB36#0	21.83	19.42	33.00	PASS
				RB36#18	21.75	19.43	33.00	PASS
				RB36#39	21.80	19.46	33.00	PASS
				RB75#0	21.79	19.34	33.00	PASS
				RB1#0	22.69	20.29	33.00	PASS
				RB1#38	22.63	20.19	33.00	PASS
				RB1#74	22.68	20.31	33.00	PASS
			HCH	RB36#0	21.77	19.46	33.00	PASS
				RB36#18	21.72	19.34	33.00	PASS
				RB36#39	21.73	19.36	33.00	PASS
				RB75#0	21.77	19.38	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	22.08	19.71	33.00	PASS
				RB1#38	22.10	19.71	33.00	PASS
				RB1#74	21.99	19.54	33.00	PASS
			LCH	RB36#0	20.90	18.59	33.00	PASS
				RB36#18	20.90	18.54	33.00	PASS
				RB36#39	20.81	18.50	33.00	PASS
				RB75#0	20.86	18.54	33.00	PASS
				RB1#0	21.55	19.16	33.00	PASS
				RB1#38	21.76	19.31	33.00	PASS
				RB1#74	21.68	19.27	33.00	PASS
BAND2	LTE/TM2	15M	MCH	RB36#0	20.83	18.44	33.00	PASS
				RB36#18	20.73	18.40	33.00	PASS
				RB36#39	20.81	18.48	33.00	PASS
				RB75#0	20.74	18.41	33.00	PASS
				RB1#0	22.09	19.77	33.00	PASS
				RB1#38	21.51	19.11	33.00	PASS
				RB1#74	21.52	19.17	33.00	PASS
			HCH	RB36#0	20.73	18.39	33.00	PASS
				RB36#18	20.74	18.31	33.00	PASS
				RB36#39	20.75	18.34	33.00	PASS
				RB75#0	20.76	18.43	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	23.20	20.90	33.00	PASS
				RB1#50	23.15	20.76	33.00	PASS
				RB1#99	22.71	20.40	33.00	PASS
			LCH	RB50#0	21.94	19.57	33.00	PASS
				RB50#25	21.88	19.52	33.00	PASS
				RB50#50	21.88	19.53	33.00	PASS
				RB100#0	21.88	19.49	33.00	PASS
				RB1#0	22.87	20.47	33.00	PASS
				RB1#50	22.76	20.45	33.00	PASS
				RB1#99	22.86	20.49	33.00	PASS
BAND2	LTE/TM1	20M	MCH	RB50#0	21.82	19.51	33.00	PASS
				RB50#25	21.77	19.43	33.00	PASS
				RB50#50	21.80	19.48	33.00	PASS
				RB100#0	21.76	19.34	33.00	PASS
				RB1#0	22.84	20.40	33.00	PASS
				RB1#50	22.73	20.38	33.00	PASS
				RB1#99	22.59	20.18	33.00	PASS
			НСН	RB50#0	21.78	19.36	33.00	PASS
				RB50#25	21.77	19.38	33.00	PASS
				RB50#50	21.74	19.33	33.00	PASS
				RB100#0	21.76	19.42	33.00	PASS



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	1 age. 20 01 00							
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	EIRP (dBm)	limit (dBm)	Verdict
	LTE/TM2	20M	LCH	RB1#0	21.71	19.31	33.00	PASS
				RB1#50	22.39	20.01	33.00	PASS
				RB1#99	21.87	19.43	33.00	PASS
				RB50#0	20.90	18.57	33.00	PASS
				RB50#25	20.85	18.40	33.00	PASS
				RB50#50	20.85	18.46	33.00	PASS
				RB100#0	20.87	18.52	33.00	PASS
			мсн	RB1#0	21.57	19.17	33.00	PASS
				RB1#50	21.90	19.57	33.00	PASS
				RB1#99	22.11	19.69	33.00	PASS
BAND2				RB50#0	20.83	18.43	33.00	PASS
				RB50#25	20.72	18.31	33.00	PASS
				RB50#50	20.80	18.42	33.00	PASS
				RB100#0	20.75	18.45	33.00	PASS
			НСН	RB1#0	21.56	19.14	33.00	PASS
				RB1#50	21.42	18.99	33.00	PASS
				RB1#99	22.25	19.89	33.00	PASS
				RB50#0	20.75	18.42	33.00	PASS
				RB50#25	20.72	18.27	33.00	PASS
				RB50#50	20.73	18.34	33.00	PASS
				RB100#0	20.73	18.35	33.00	PASS

Note:

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

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

b: SGP=Signal Generator Level

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	5.83	13	PASS
		MCH	5.25	13	PASS
Dand 2		HCH	5.25	13	PASS
Band 2	TM2/20M	LCH	6.41	13	PASS
		MCH	6.17	13	PASS
		HCH	6.17	13	PASS



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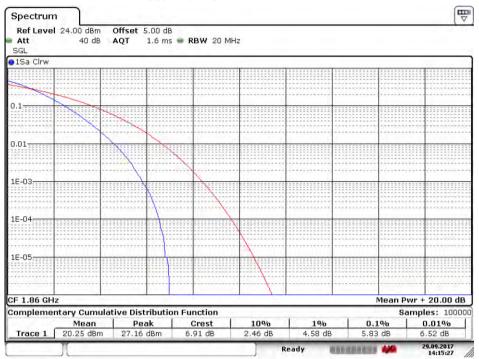
Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band2

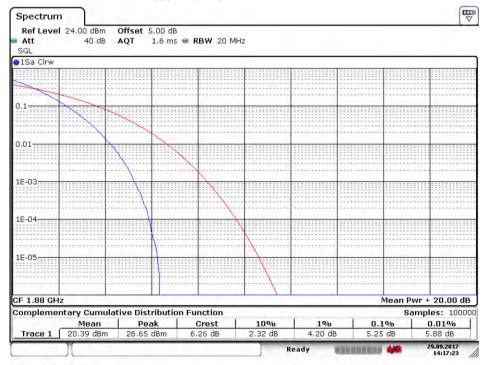
2.1.1.1 Test Mode = LTE/TM1.Bandwidth=20MHz

2.1.1.1.1 Test Channel = LCH



Date: 29.SEP.2017 14:15:27

2.1.1.1.2 Test Channel = MCH



Date: 29.SEP.2017 14:17:23

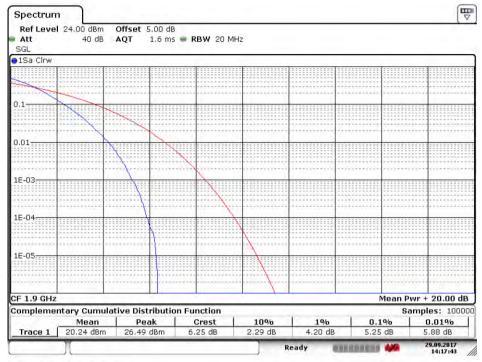
"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms



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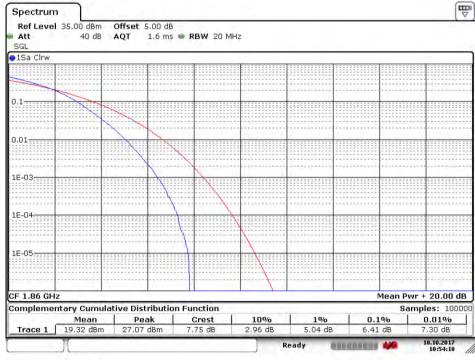
2.1.1.1.3 Test Channel = HCH



Date: 29.SEP.2017 14:17:44

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

2.1.1.2.1 Test Channel = LCH



Date: 10.OCT.2017 10:54:19

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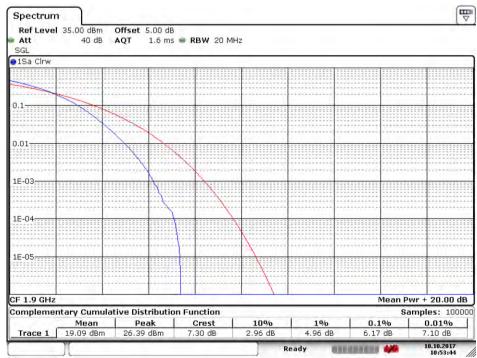
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2.1.1.2.2 Test Channel = MCH



Date: 10.OCT.2017 10:53:03

2.1.1.2.3 Test Channel = HCH



Date: 10.OCT.2017 10:53:44



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3 Modulation Characteristics

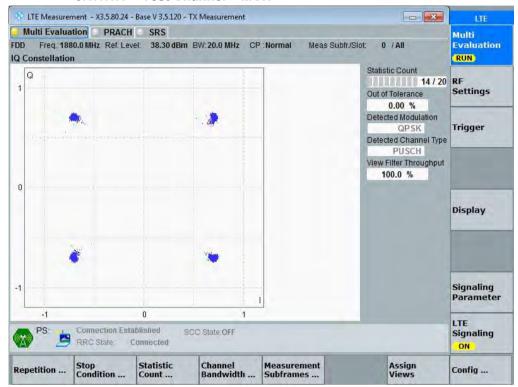
Part I - Test Plots

3.1 For LTE

3.1.1 Test Band = LTE band2

3.1.1.1 Test Mode = LTE /TM1 20MHz

3.1.1.1.1 Test Channel = MCH



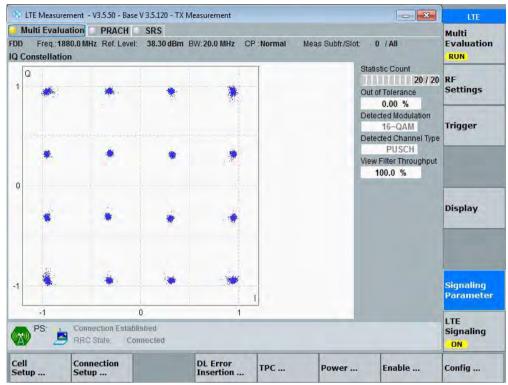


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3.1.1.2 Test Mode = LTE /TM2 20MHz

3.1.1.2.1 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	1.29	PASS
	TM1/1.4MHz	MCH	1.10	1.27	PASS
		HCH	1.10	1.28	PASS
		LCH	1.09	1.26	PASS
	TM2/1.4MHz	MCH	1.10	1.29	PASS
		HCH	1.10	1.29	PASS
		LCH	2.69	2.90	PASS
	TM1/3MHz	MCH	2.69	2.92	PASS
		HCH	2.69	2.90	PASS
		LCH	2.68	2.92	PASS
	TM2/3MHz	MCH	2.68	2.92	PASS
		HCH	2.69	2.94	PASS
		LCH	4.50	4.97	PASS
	TM1/ 5MHz	MCH	4.50	4.99	PASS
		HCH	4.48	4.94	PASS
		LCH	4.50	5.02	PASS
	TM2/ 5MHz	MCH	4.49	5.05	PASS
		HCH	4.49	4.91	PASS
Band 2		LCH	8.95	9.79	PASS
	TM1/10MHz	MCH	8.93	9.69	PASS
		HCH	8.93	9.69	PASS
		LCH	8.95	9.71	PASS
	TM2/ 10MHz	MCH	8.93	9.73	PASS
		HCH	8.93	9.73	PASS
		LCH	13.52	14.96	PASS
	TM1/ 15MHz	MCH	13.52	14.87	PASS
		HCH	13.46	14.87	PASS
		LCH	13.46	14.84	PASS
	TM2/ 15MHz	MCH	13.49	14.90	PASS
		HCH	13.46	14.84	PASS
		LCH	17.94	19.34	PASS
	TM1/ 20MHz	MCH	17.94	19.66	PASS
		HCH	17.90	19.38	PASS
		LCH	17.94	19.58	PASS
	TM2/ 20MHz	MCH	17.90	19.46	PASS
		HCH	17.86	19.42	PASS



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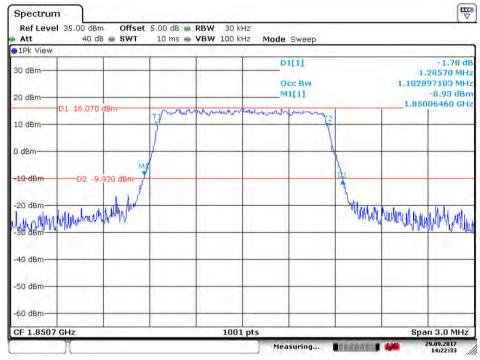
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4.1 For LTE

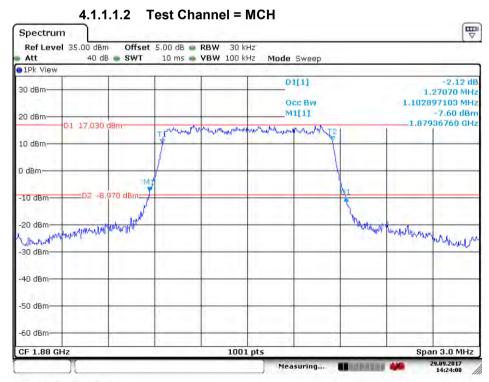
4.1.1 Test Band = LTE band2

4.1.1.1 Test Mode = LTE/TM1 1.4MHz

4.1.1.1.1 Test Channel = LCH



Date: 29.SEP.2017 14:22:33



Date: 29.SEP.2017 14:24:08

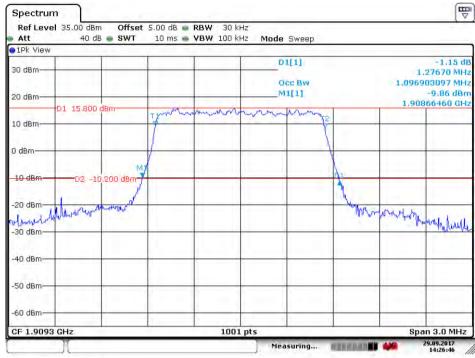
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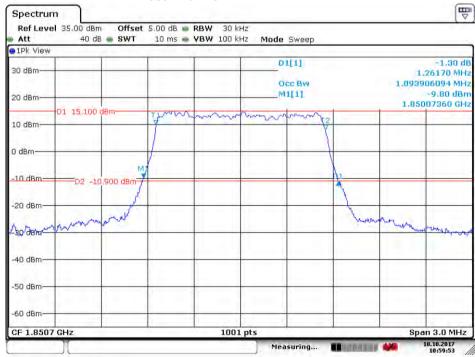
4.1.1.1.3 Test Channel = HCH



Date: 29.SEP.2017 14:26:46

4.1.1.2 Test Mode = LTE/TM2 1.4MHz

4.1.1.2.1 Test Channel = LCH



Date: 10.OCT.2017 10:59:54

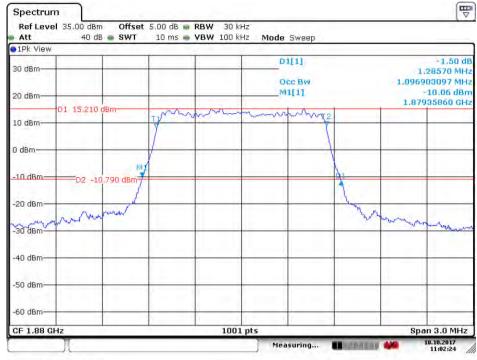
"This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms



Report No.: SZEM170900995904

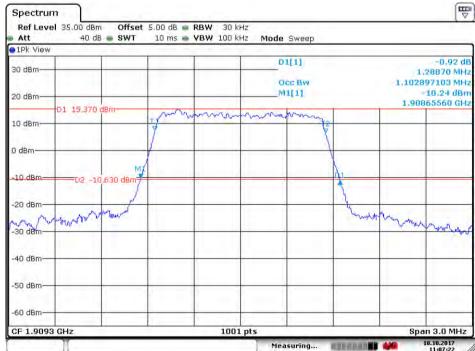
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Date: 10.OCT.2017 11:02:24

4.1.1.2.3 Test Channel = HCH



Date: 10.OCT.2017 11:07:22



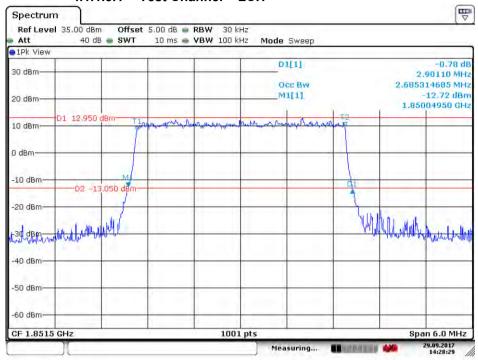
Report No.: SZEM170900995904

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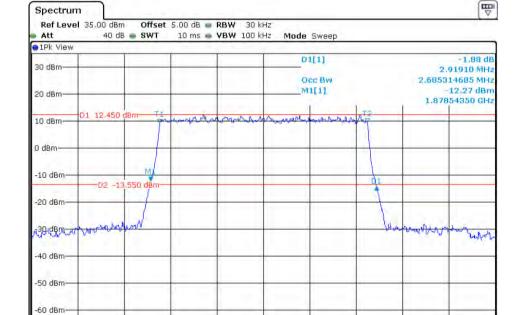
4.1.1.3 Test Mode = LTE/TM1 3MHz

4.1.1.3.1 Test Channel = LCH

4.1.1.3.2 Test Channel = MCH



Date: 29.SEP.2017 14:28:30



1001 pts

Date: 29.SEP.2017 14:30:00

CF 1.88 GHz

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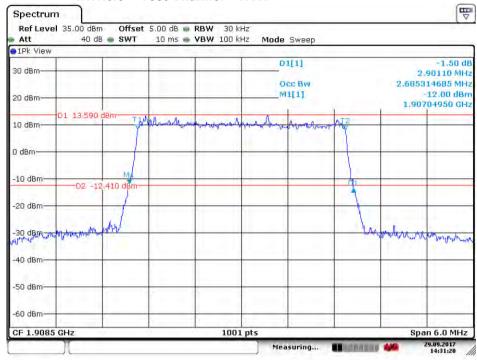
Span 6.0 MHz



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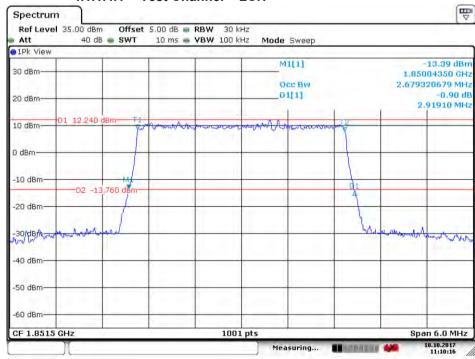
4.1.1.3.3 Test Channel = HCH



Date: 29.SEP.2017 14:31:21

4.1.1.4 Test Mode = LTE/TM2 3MHz

4.1.1.4.1 Test Channel = LCH



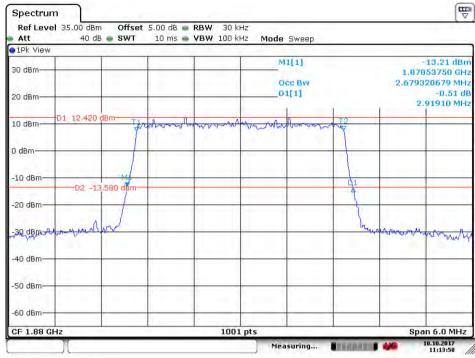
Date: 10.OCT.2017 11:10:16



Report No.: SZEM170900995904

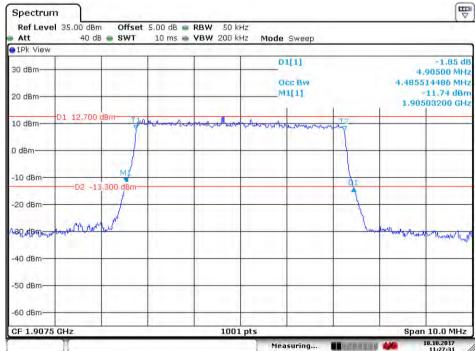
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Date: 10.OCT.2017 11:13:59





Date: 10.OCT.2017 11:27:31

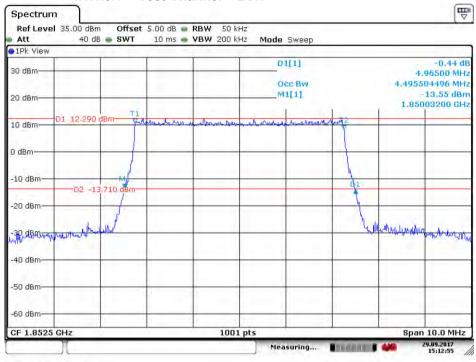


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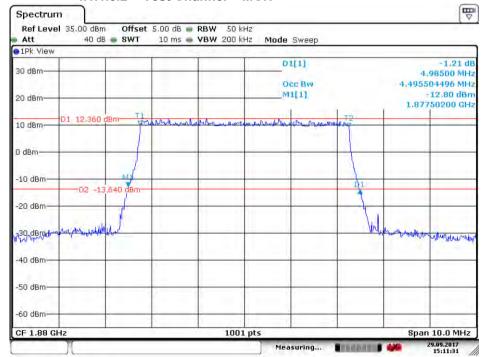
4.1.1.5 Test Mode = LTE/TM1 5MHz

4.1.1.5.1 Test Channel = LCH



Date: 29.SEP.2017 15:12:56

4.1.1.5.2 Test Channel = MCH



Date: 29.SEP.2017 15:11:32

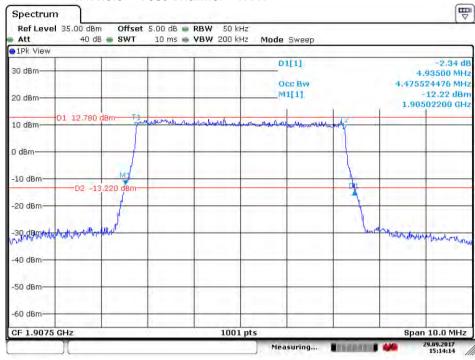
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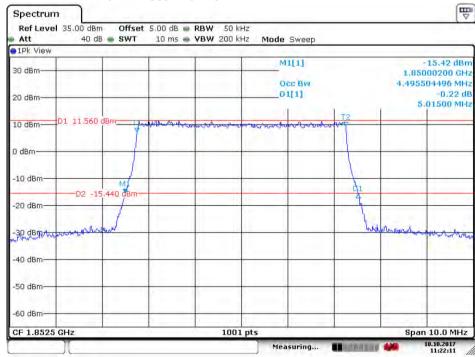
4.1.1.5.3 Test Channel = HCH



Date: 29.SEP.2017 15:14:14

4.1.1.6 Test Mode = LTE/TM2 5MHz

4.1.1.6.1 Test Channel = LCH



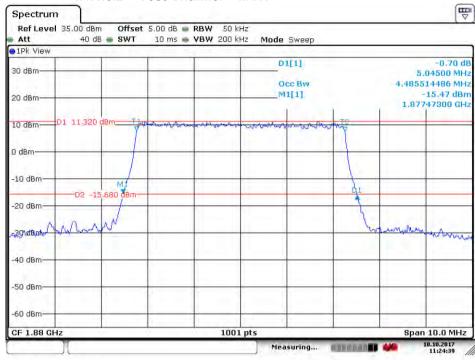
Date: 10.OCT.2017 11:22:11



Report No.: SZEM170900995904

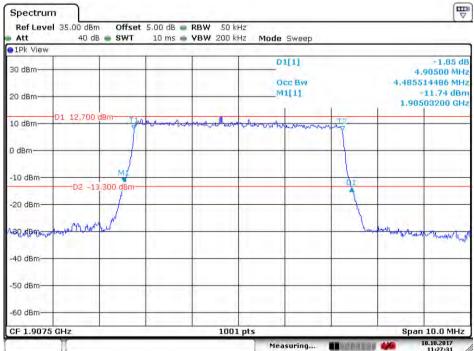
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4.1.1.6.2 Test Channel = MCH



Date: 10.OCT.2017 11:24:40





Date: 10.OCT.2017 11:27:31

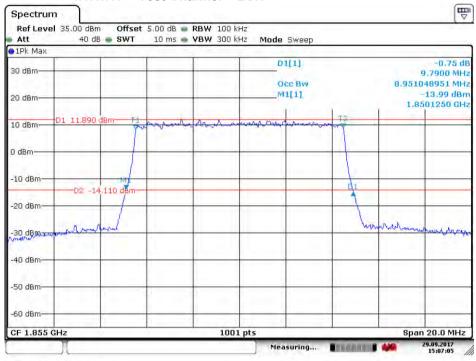


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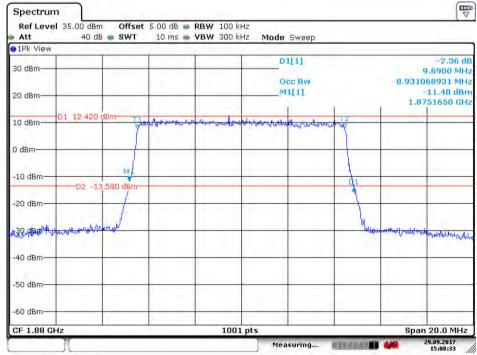
4.1.1.7 Test Mode = LTE/TM1 10MHz

4.1.1.7.1 Test Channel = LCH



Date: 29.SEP.2017 15:07:05





Date: 29.SEP.2017 15:08:33

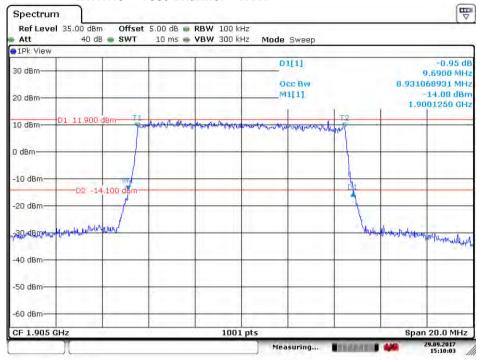
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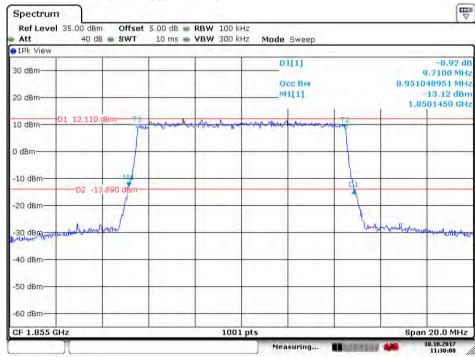
4.1.1.7.3 Test Channel = HCH



Date: 29.SEP.2017 15:10:03

4.1.1.8 Test Mode = LTE/TM2 10MHz

4.1.1.8.1 Test Channel = LCH



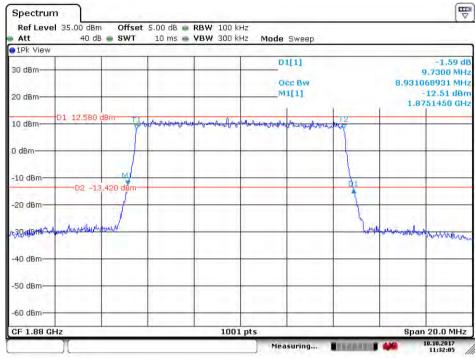
Date: 10.OCT.2017 11:30:08



Report No.: SZEM170900995904

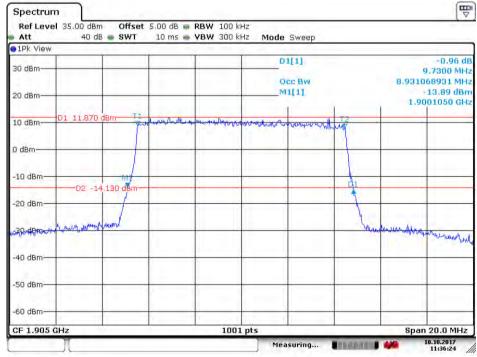
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4.1.1.8.2 Test Channel = MCH



Date: 10.OCT.2017 11:32:06

4.1.1.8.3 Test Channel = HCH



Date: 10.OCT.2017 11:36:24

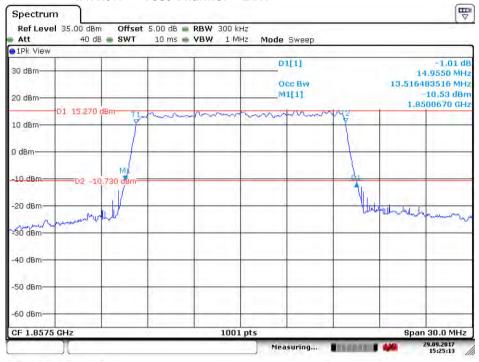


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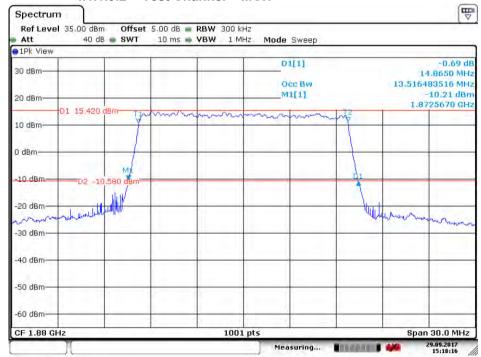
4.1.1.9 Test Mode = LTE/TM1 15MHz

4.1.1.9.1 Test Channel = LCH



Date: 29.SEP.2017 15:25:13

4.1.1.9.2 Test Channel = MCH



Date: 29.SEP.2017 15:18:16

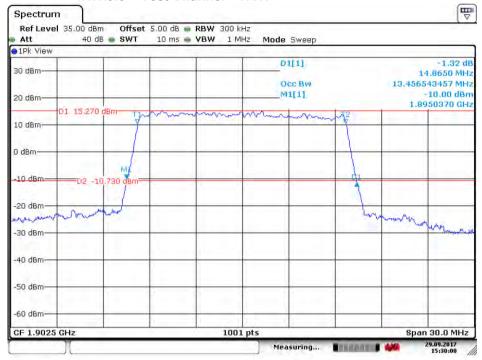
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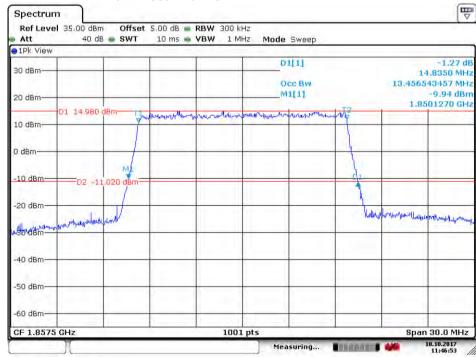
4.1.1.9.3 Test Channel = HCH



Date: 29.SEP.2017 15:30:00

4.1.1.10 Test Mode = LTE/TM2 15MHz

4.1.1.10.1 Test Channel = LCH



Date: 10.OCT.2017 11:46:53

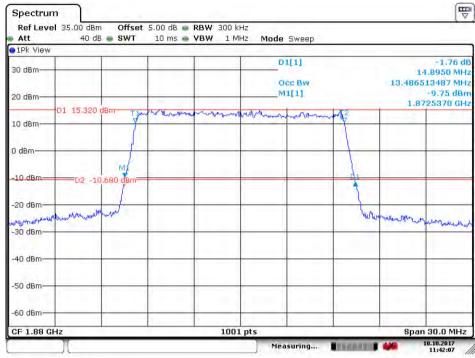
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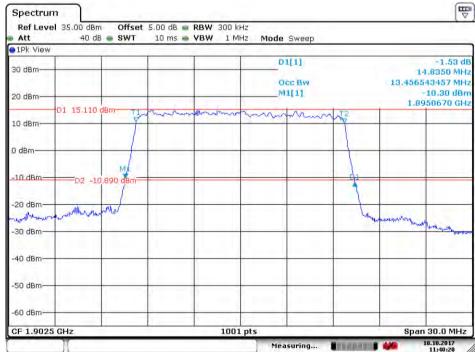
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Date: 10.OCT.2017 11:42:07

4.1.1.10.3 Test Channel = HCH



Date: 10.OCT.2017 11:40:20

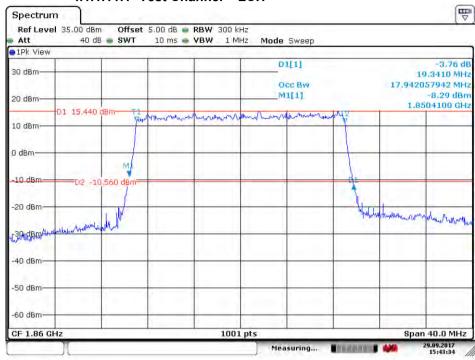


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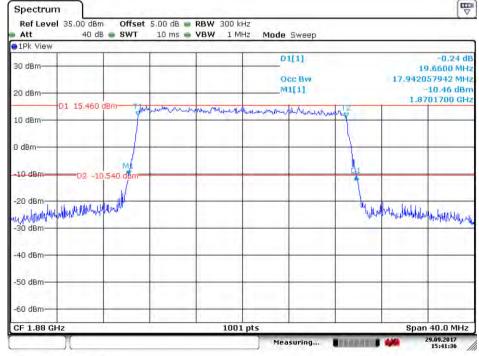
4.1.1.11 Test Mode = LTE/TM1 20MHz

4.1.1.11.1 Test Channel = LCH



Date: 29.SEP.2017 15:43:34





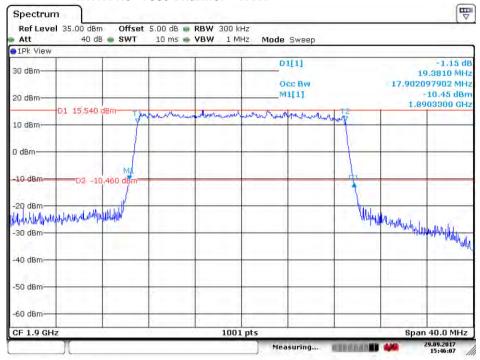
Date: 29.SEP.2017 15:41:36



Report No.: SZEM170900995904

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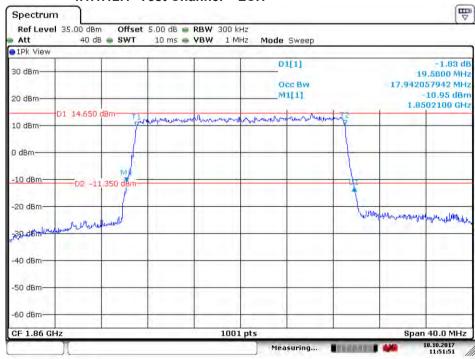
4.1.1.11.3 Test Channel = HCH



Date: 29.SEP.2017 15:46:07

4.1.1.12 Test Mode = LTE/TM2 20MHz

4.1.1.12.1 Test Channel = LCH



Date: 10.OCT.2017 11:51:51

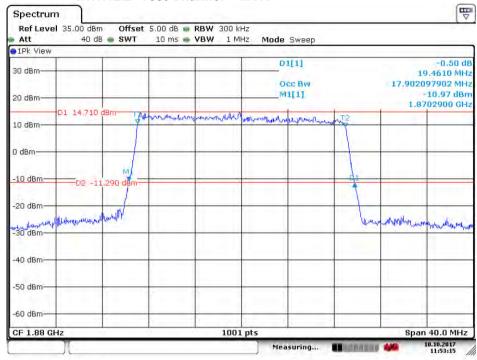
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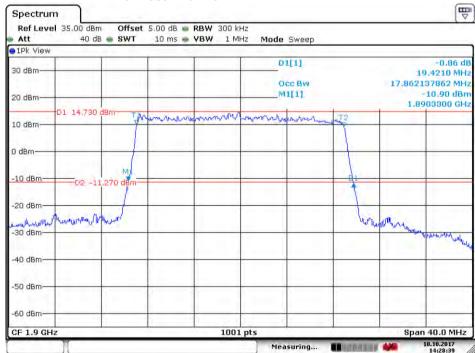
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4.1.1.12.2 Test Channel = MCH



Date: 10.OCT.2017 11:53:15

4.1.1.12.3 Test Channel = HCH



Date: 10.OCT.2017 14:28:39



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5 Band Edges Compliance

Part I -

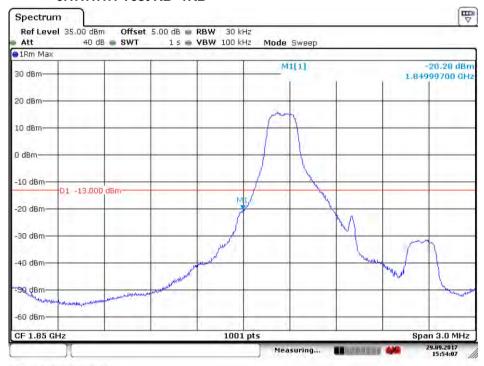
5.1 For LTE

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



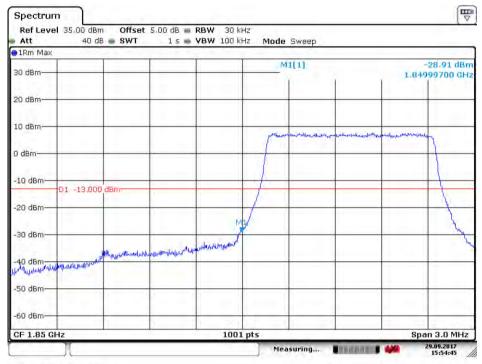
Date: 29.SEP.2017 15:54:07



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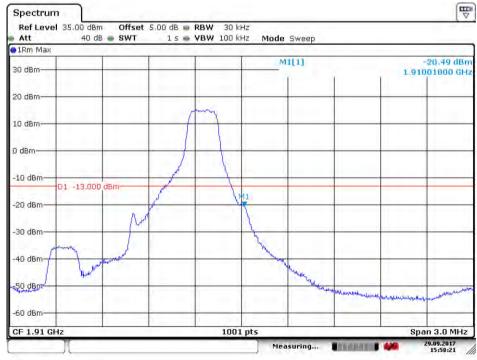
5.1.1.1.1 Test RB=6RB



Date: 29.SEP.2017 15:54:45

5.1.1.1.2 Test Channel = HCH

5.1.1.1.2.1 Test RB=1RB



Date: 29.SEP.2017 15:58:21

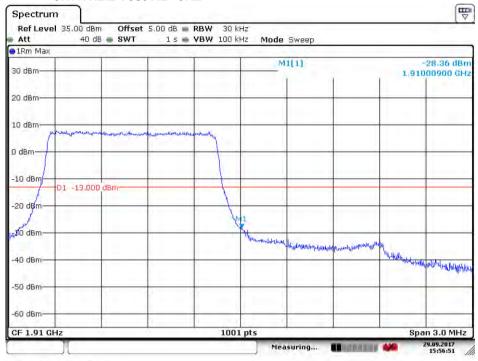
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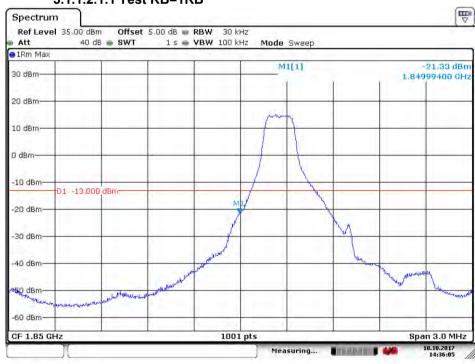
5.1.1.1.2.2 Test RB=6RB



Date: 29.SEP.2017 15:56:51

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: 10.OCT.2017 14:36:05



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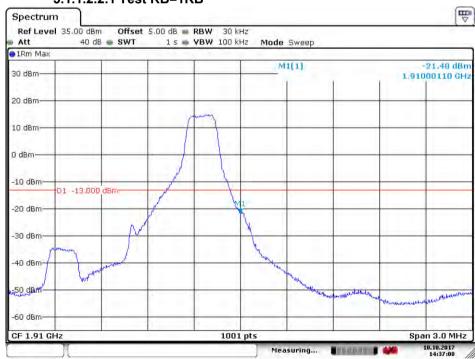
5.1.1.2.1.2 Test RB=6RB



Date: 10.OCT.2017 14:35:03

5.1.1.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB=1RB



Date: 10.OCT.2017 14:37:08



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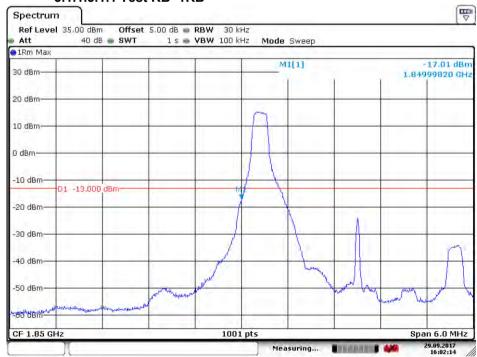
5.1.1.2.2.2 Test RB=6RB



Date: 10.OCT.2017 14:37:36

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

5.1.1.3.1.1 Test RB=1RB



Date: 29.SEP.2017 16:02:15



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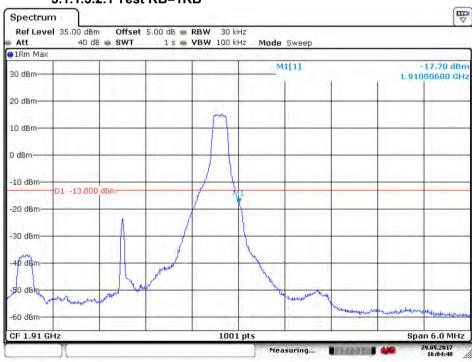
5.1.1.3.1.2 Test RB=15RB



Date: 29.SEP.2017 16:01:34

5.1.1.3.2 Test Channel = HCH

5.1.1.3.2.1 Test RB=1RB



Date: 29.SEP.2017 16:04:40



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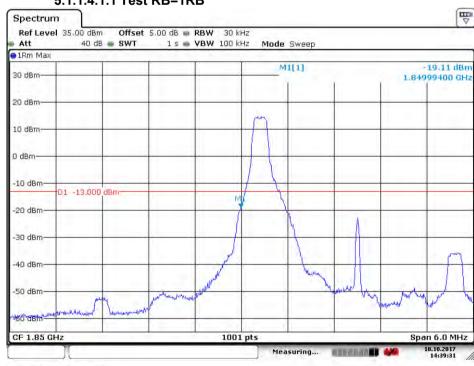
5.1.1.3.2.2 Test RB=15RB



Date: 29.SEP.2017 16:05:16

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

5.1.1.4.1.1 Test RB=1RB



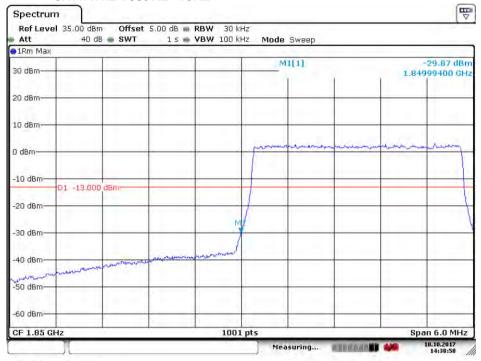
Date: 10.OCT.2017 14:39:31



Report No.: SZEM170900995904

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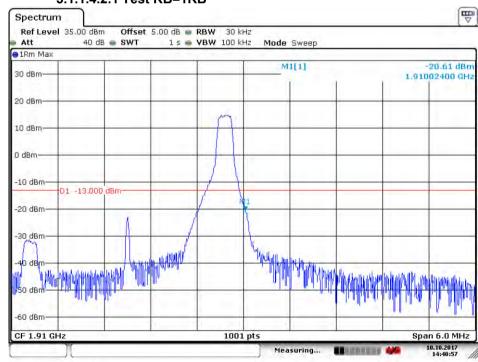
5.1.1.4.1.2 Test RB=15RB



Date: 10.OCT.2017 14:38:58

5.1.1.4.2 Test Channel = HCH

5.1.1.4.2.1 Test RB=1RB



Date: 10.OCT.2017 14:40:58

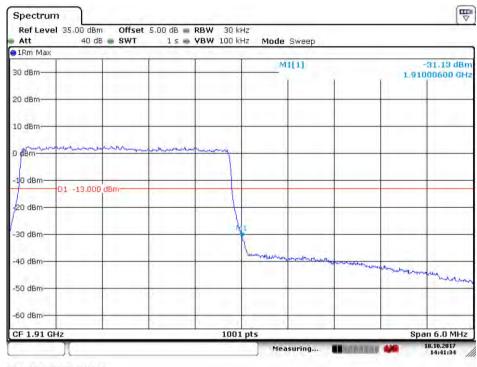
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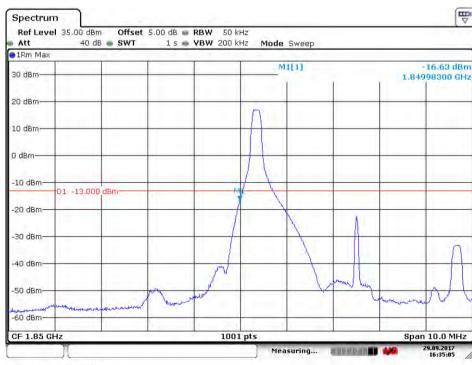
5.1.1.4.3 Test RB=15RB



Date: 10.OCT.2017 14:41:34

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

5.1.1.5.1.1 Test RB=1RB



Date: 29.SEP.2017 16:35:05

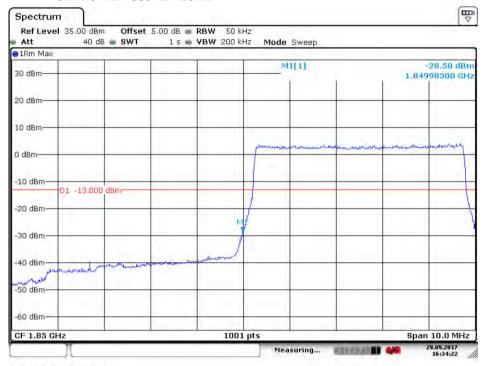
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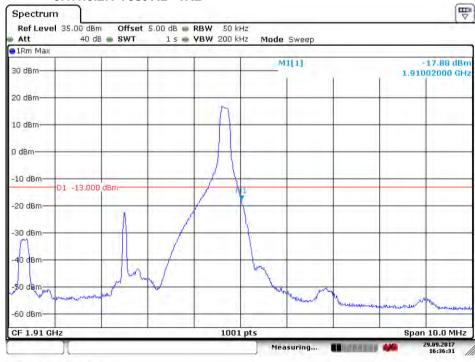
5.1.1.5.1.2 Test RB=25RB



Date: 29.SEP.2017 16:34:22

5.1.1.5.2 Test Channel = HCH

5.1.1.5.2.1 Test RB=1RB



Date: 29.SEP.2017 16:36:32

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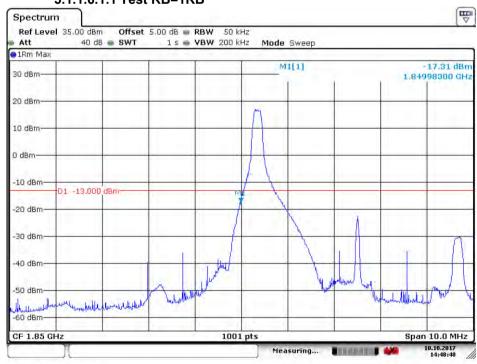
5.1.1.5.2.2 Test RB=25RB



Date: 29.SEP.2017 16:39:12

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

5.1.1.6.1.1 Test RB=1RB



Date: 10.OCT.2017 14:48:49

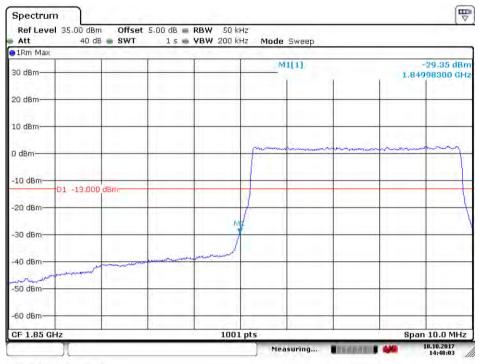
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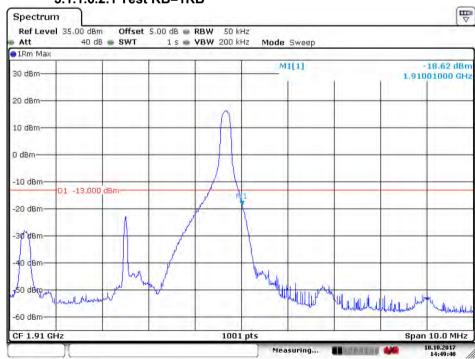
5.1.1.6.1.2 Test RB=25RB



Date: 10.OCT.2017 14:48:03

5.1.1.6.2 Test Channel = HCH

5.1.1.6.2.1 Test RB=1RB



Date: 10.OCT.2017 14:49:41

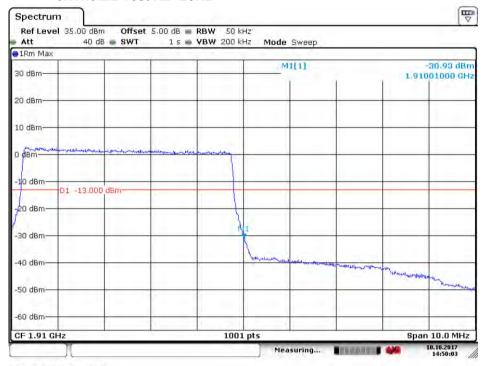
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5.1.1.6.2.2 Test RB=25RB

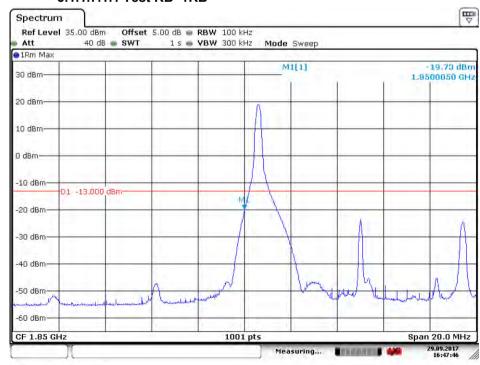


Date: 10.OCT.2017 14:50:03

5.1.1.7 Test Mode = LTE/TM1 10MHz

5.1.1.7.1 Test Channel = LCH

5.1.1.7.1.1 Test RB=1RB



Date: 29.SEP.2017 16:47:46

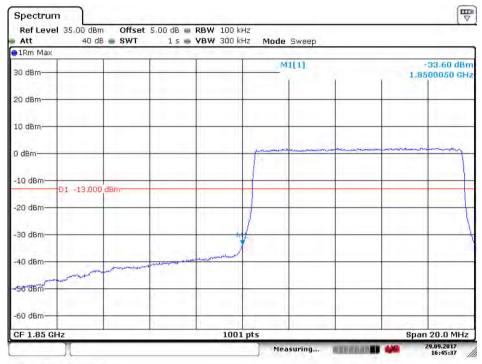
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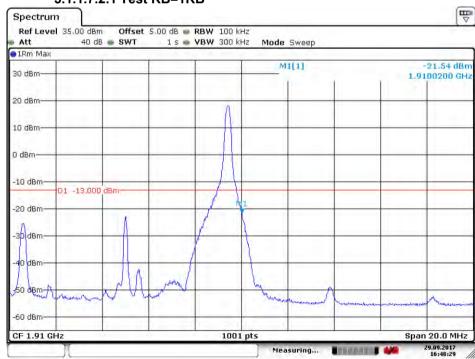
5.1.1.7.1.2 Test RB=50RB



Date: 29.SEP.2017 16:45:38

5.1.1.7.2 Test Channel = HCH

5.1.1.7.2.1 Test RB=1RB



Date: 29.SEP.2017 16:48:29

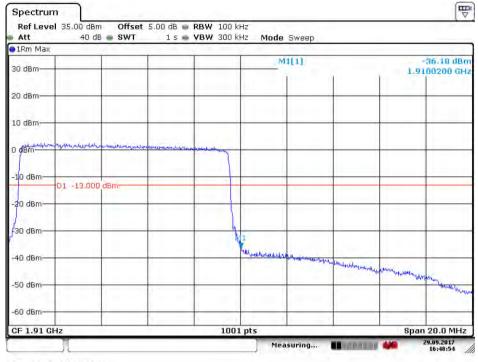
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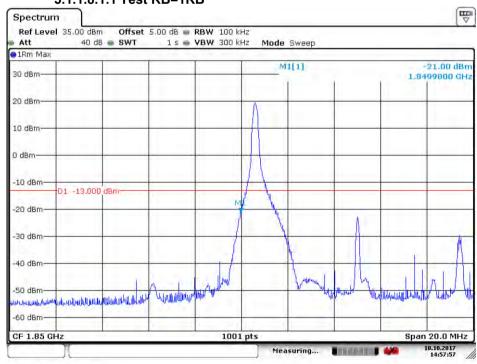
5.1.1.7.2.2 Test RB=50RB



Date: 29.SEP.2017 16:48:54

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

5.1.1.8.1.1 Test RB=1RB



Date: 10.OCT.2017 14:57:57

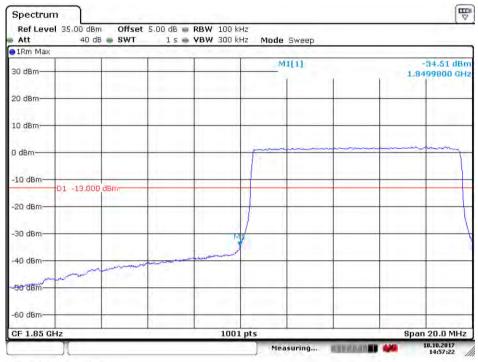
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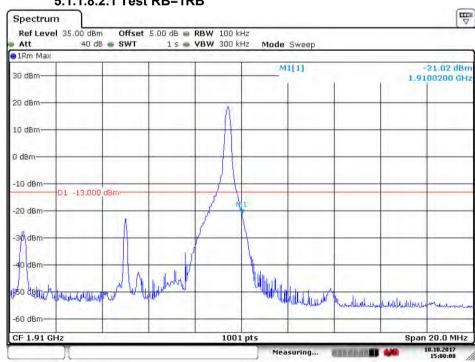
5.1.1.8.1.2 Test RB=50RB



Date: 10.OCT.2017 14:57:23

5.1.1.8.2 Test Channel = HCH

5.1.1.8.2.1 Test RB=1RB



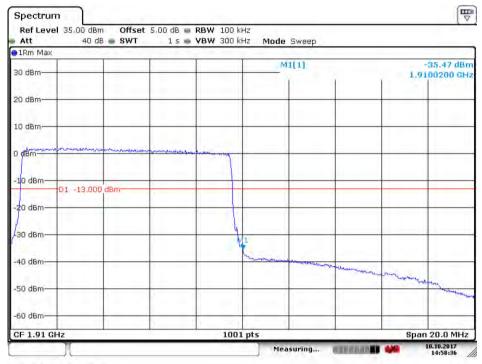
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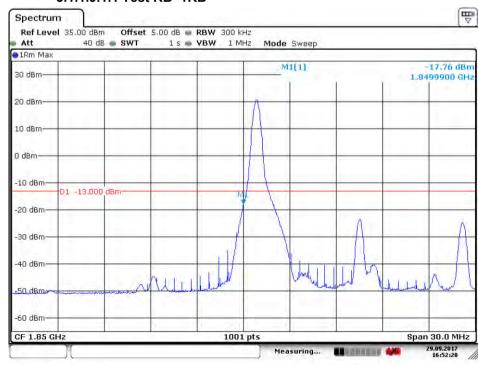
5.1.1.8.2.2 Test RB=50RB



Date: 10.OCT.2017 14:58:36

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

5.1.1.9.1.1 Test RB=1RB



Date: 29.SEP.2017 16:52:20

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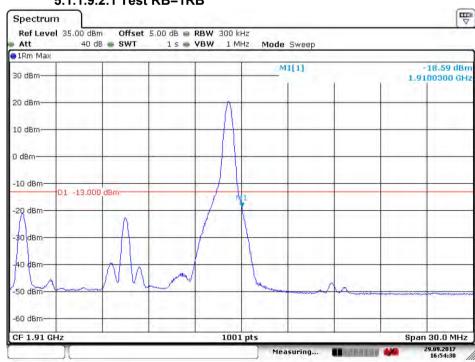
5.1.1.9.1.2 Test RB=75RB



Date: 29.SEP.2017 16:50:41

5.1.1.9.2 Test Channel = HCH

5.1.1.9.2.1 Test RB=1RB



Date: 29.SEP.2017 16:54:31

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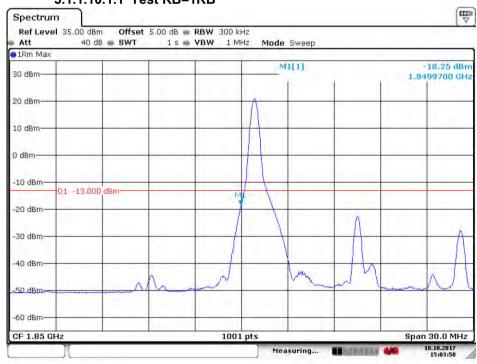
5.1.1.9.2.2 Test RB=75RB



Date: 29.SEP.2017 16:55:40

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

5.1.1.10.1.1 Test RB=1RB



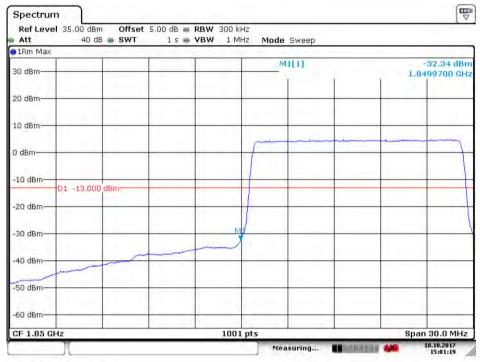
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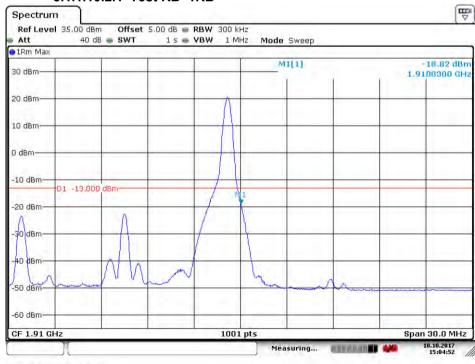
5.1.1.10.1.2 Test RB=75RB



Date: 10.OCT.2017 15:01:19

5.1.1.10.2 Test Channel = HCH

5.1.1.10.2.1 Test RB=1RB



Date: 10.OCT.2017 15:04:53

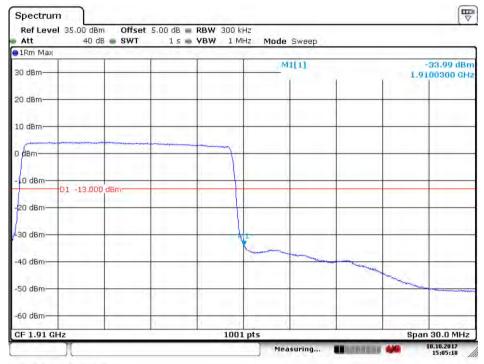
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5.1.1.10.2.2 Test RB=75RB

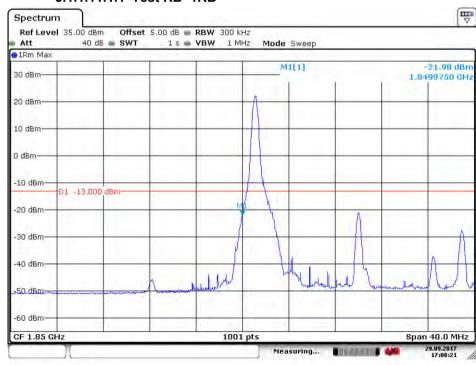


Date: 10.OCT.2017 15:05:18

5.1.1.11 Test Mode = LTE/TM1 20MHz

5.1.1.11.1.1 Test RB=1RB

5.1.1.11.1 Test Channel = LCH



Date: 29.SEP.2017 17:08:22

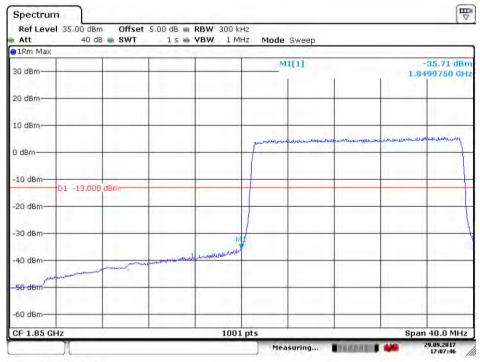
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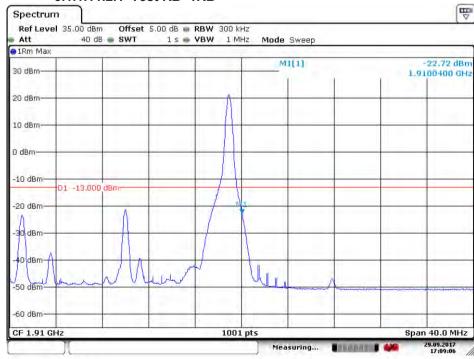
5.1.1.11.1.2 Test RB=100RB



Date: 29.SEP.2017 17:07:47

5.1.1.11.2 Test Channel = HCH

5.1.1.11.2.1 Test RB=1RB



Date: 29.SEP.2017 17:09:06

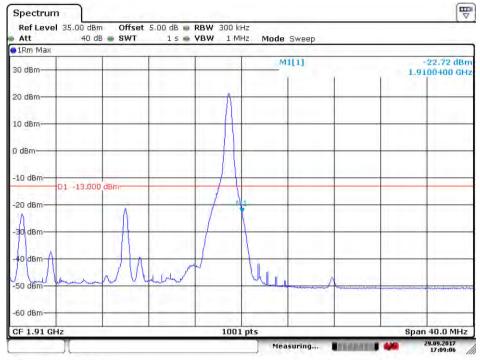
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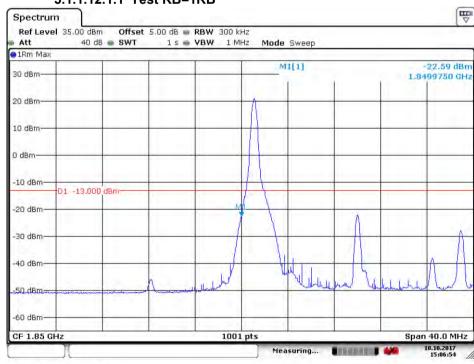
5.1.1.11.2.2 Test RB=100RB



Date: 29.SEP.2017 17:09:06

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

5.1.1.12.1.1 Test RB=1RB



Date: 10.OCT.2017 15:06:54

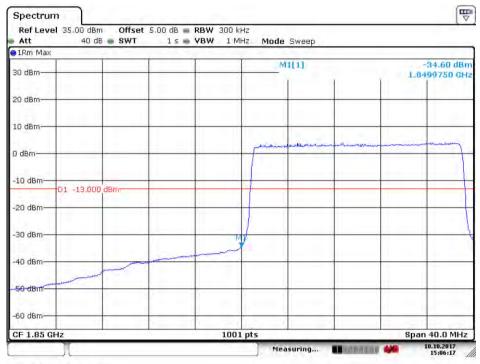
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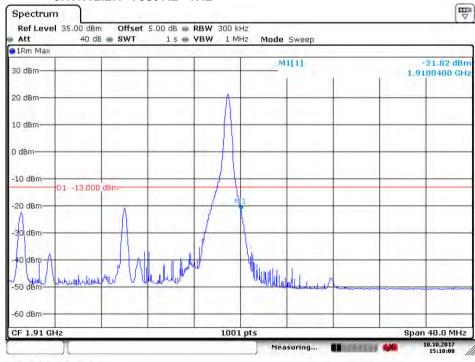
5.1.1.12.1.2 Test RB=100RB



Date: 10.OCT.2017 15:06:17

5.1.1.12.2 Test Channel = HCH

5.1.1.12.2.1 Test RB=1RB



Date: 10.OCT.2017 15:10:09

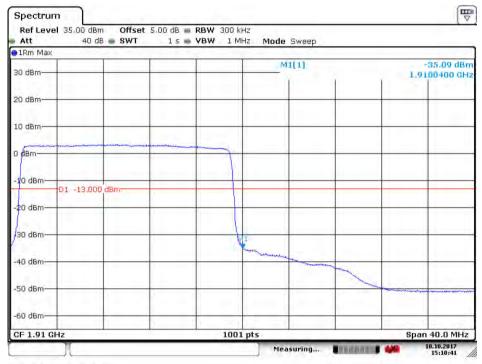
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5.1.1.12.2.2 Test RB=100RB



Date: 10.OCT.2017 15:10:41



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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)

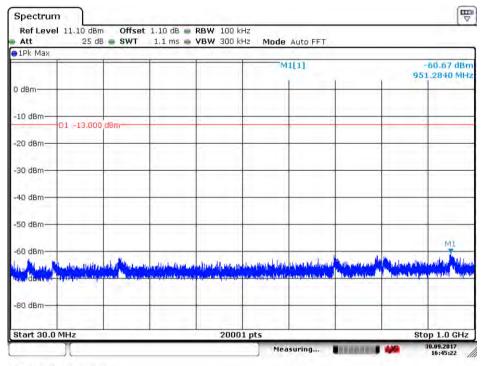
Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = LTE band2

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

6.1.1.1.1 Test Channel = LCH

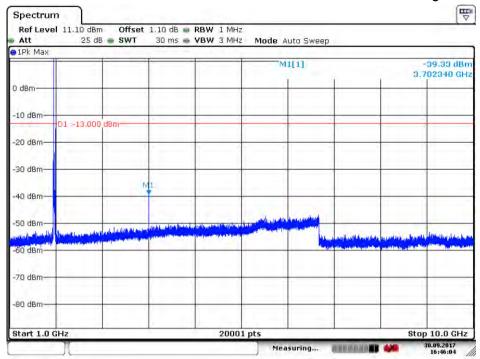


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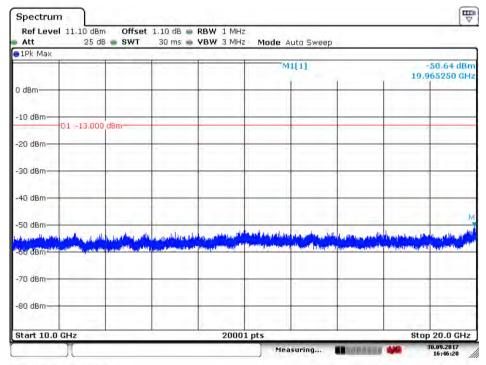


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Date: 30.SEP.2017 16:46:04



Date: 30.SEP.2017 16:46:20

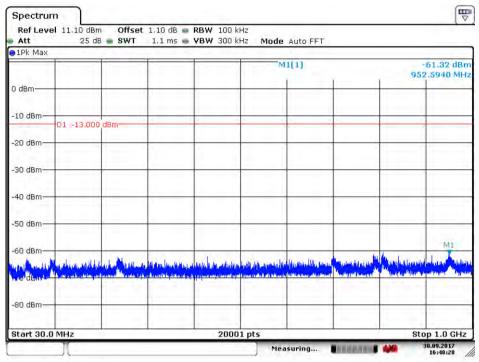
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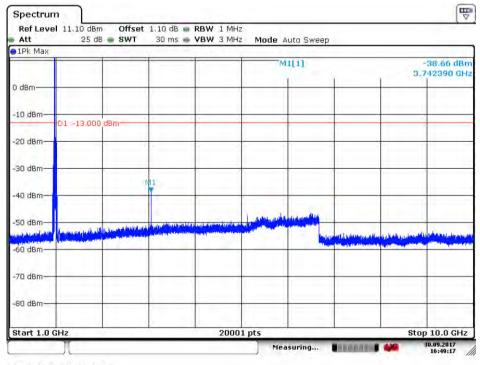
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6.1.1.1.2 Test Channel = MCH



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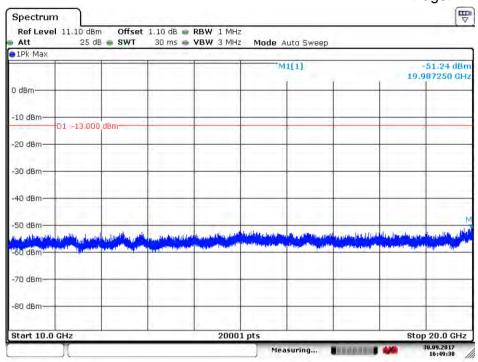


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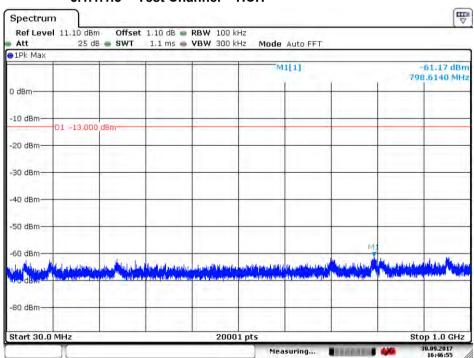
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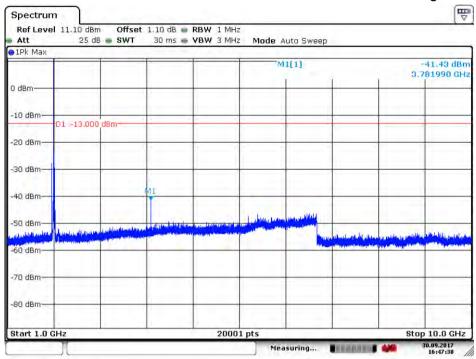
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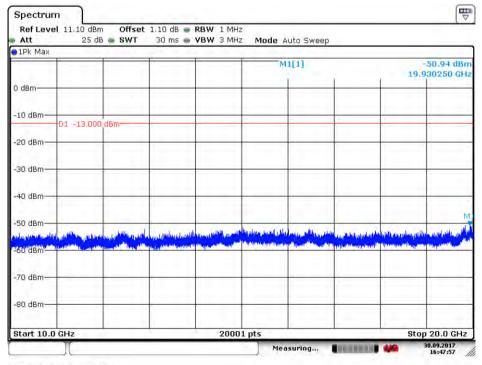


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7 Field Strength of Spurious Radiation

7.1 For LTE

Main Supply:

7.1.1 Test Band = LTE band2

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

7.1.1.1.1 Test Channel = LCH

7.1.1.1.1	103t Offamilier E0			
Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1265.000	-65.88	-13.00	-52.88	Vertical
1683.000	-64.28	-13.00	-51.28	Vertical
4852.500	-66.42	-13.00	-53.42	Vertical
1111.000	-66.51	-13.00	-53.51	Horizontal
4267.500	-66.82	-13.00	-53.82	Horizontal
6022.500	-65.60	-13.00	-52.60	Horizontal

7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm) Limit Line (dBm) Over Limit (dBm)		Over Limit (dB)	Polarization
1199.000	-65.92	2 -13.00 -52.92		Vertical
1518.000	-66.19	-13.00	-53.19	Vertical
5730.000	-66.45	-13.00	-53.45	Vertical
1199.000	-66.64	-13.00	-53.64	Horizontal
1562.000	-65.58	-13.00	-52.58	Horizontal
5145.000	-66.59	-13.00	-53.59	Horizontal

7.1.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Bm) Limit Line (dBm) Over Limit (dB)		Polarization
1276.000	-65.92	-13.00	-52.92	Vertical
1716.000	-63.89	-13.00	-50.89	Vertical
4950.000	-66.26	-13.00	-53.26	Vertical
1397.000	-67.06	-13.00	-54.06	Horizontal
2840.000	-56.82	-13.00	-43.82	Horizontal
4950.000	-66.28	-13.00	-53.28	Horizontal



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Secondary Supply:

7.1.2 Test Band = LTE band2

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

7.1.2.1.1 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
3682.500	-67.32	-13.00	-54.32	Vertical
5632.500	-62.46	-13.00	-49.46	Vertical
10507.500	-62.69	-13.00	-49.69	Vertical
3682.500	-67.12	-13.00	-54.12	Horizontal
5632.500	-65.73	-13.00	-52.73	Horizontal
9727.500	-63.18	-13.00	-50.18	Horizontal

NOTE:

1) The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.



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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
				VL	-4.03	-0.00217	PASS
		LCH	TN	VN	1.46	0.00078	PASS
				VH	-7.73	-0.00416	PASS
				VL	1.49	0.00079	PASS
	LTE/TM1 20MHz	MCH	TN	VN	-2.82	-0.00150	PASS
				VH	2.63	0.00140	PASS
				VL	-5.56	-0.00293	PASS
		HCH	TN	VN	-5.17	-0.00272	PASS
LTEband2				VH	-3.74	-0.00197	PASS
LIEDanuz	LTE/TM2 20MHz	LCH	TN	VL	-4.28	-0.00230	PASS
				VN	-2.35	-0.00126	PASS
				VH	-2.16	-0.00116	PASS
		MCH	TN	VL	1.55	0.00082	PASS
				VN	-2.30	-0.00122	PASS
				VH	5.59	0.00297	PASS
		HCH TN		VL	-2.04	-0.00107	PASS
			TN	VN	-3.50	-0.00184	PASS
				VH	0.24	0.00013	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
				-30	-0.46	-0.00025	PASS
				-20	-1.64	-0.00088	PASS
				-10	1.38	0.00074	PASS
				0	1.05	0.00056	PASS
		LCH	VN	10	3.65	0.00196	PASS
				20	2.11	0.00113	PASS
				30	-0.91	-0.00049	PASS
				40	-0.13	-0.00007	PASS
				50	3.59	0.00193	PASS
	LTE/TM1 20MHz			-30	-4.80	-0.00255	PASS
			VN	-20	-2.95	-0.00157	PASS
		МСН		-10	-2.79	-0.00148	PASS
				0	-2.62	-0.00139	PASS
LTEband2				10	-4.04	-0.00215	PASS
				20	-5.94	-0.00316	PASS
				30	-5.46	-0.00290	PASS
				40	-4.82	-0.00256	PASS
				50	-6.32	-0.00336	PASS
				-30	2.54	0.00134	PASS
				-20	-1.44	-0.00076	PASS
				-10	2.53	0.00133	PASS
				0	-2.43	-0.00128	PASS
		HCH	VN	10	4.60	0.00242	PASS
				20	-0.67	-0.00035	PASS
				30	-5.66	-0.00298	PASS
				40	-5.93	-0.00312	PASS
				50	-6.90	-0.00363	PASS



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				ı	raye.	00 01 00	
Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	-1.50	-0.00081	PASS
				-20	-2.85	-0.00153	PASS
				-10	5.38	0.00289	PASS
				0	2.24	0.00120	PASS
		LCH	VN	10	3.60	0.00194	PASS
				20	-0.83	-0.00045	PASS
				30	-2.44	-0.00131	PASS
				40	5.74	0.00309	PASS
				50	4.79	0.00258	PASS
				-30	-3.89	-0.00207	PASS
	LTE/TM2 20MHz		VN	-20	-5.48	-0.00291	PASS
		МСН		-10	-5.29	-0.00281	PASS
				0	-4.36	-0.00232	PASS
LTEband2				10	-2.34	-0.00124	PASS
				20	1.54	0.00082	PASS
				30	-3.24	-0.00172	PASS
				40	-2.82	-0.00150	PASS
				50	-3.51	-0.00187	PASS
				-30	3.35	0.00176	PASS
				-20	-2.35	-0.00124	PASS
				-10	5.59	0.00294	PASS
				0	-3.53	-0.00186	PASS
		HCH	VN	10	2.68	0.00141	PASS
				20	-1.77	-0.00093	PASS
				30	-3.59	-0.00189	PASS
				40	-4.83	-0.00254	PASS
				50	-3.60	-0.00189	PASS

The End