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Appendix B

E-UTRA Band 26 (824-849)



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1 Effective (Isotropic) Radiated Power Output Data

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

Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	22.94	20.96	38.45	PASS
				RB1#2	23.07	21.09	38.45	PASS
				RB1#5	23.17	21.19	38.45	PASS
			LCH	RB3#0	22.52	20.54	38.45	PASS
				RB3#2	22.69	20.71	38.45	PASS
				RB3#3	22.99	21.01	38.45	PASS
				RB6#0	21.39	19.41	38.45	PASS
				RB1#0	22.43	20.45	38.45	PASS
				RB1#2	23.01	21.03	38.45	PASS
				RB1#5	23.12	21.14	38.45	PASS
BAND26	LTE/TM1	1.4M	MCH	RB3#0	22.49	20.51	38.45	PASS
				RB3#2	22.61	20.63	38.45	PASS
				RB3#3	23.01	21.03	38.45	PASS
				RB6#0	21.37	19.39	38.45	PASS
				RB1#0	22.58	20.60	38.45	PASS
				RB1#2	22.72	20.74	38.45	PASS
				RB1#5	23.01	21.03	38.45	PASS
			НСН	RB3#0	22.63	20.65	38.45	PASS
				RB3#2	22.72	20.74	38.45	PASS
				RB3#3	22.92	20.94	38.45	PASS
				RB6#0	21.35	19.37	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	21.96	19.98	38.45	PASS
				RB1#2	21.97	19.99	38.45	PASS
				RB1#5	21.98	20.00	38.45	PASS
			LCH	RB3#0	22.09	20.11	38.45	PASS
				RB3#2	21.86	19.88	38.45	PASS
				RB3#3	22.03	20.05	38.45	PASS
				RB6#0	20.23	18.25	38.45	PASS
				RB1#0	21.91	19.93	38.45	PASS
				RB1#2	21.59	19.61	38.45	PASS
				RB1#5	21.91	19.93	38.45	PASS
BAND26	LTE/TM2	1.4M	МСН	RB3#0	22.15	20.17	38.45	PASS
				RB3#2	21.94	19.96	38.45	PASS
				RB3#3	22.16	20.18	38.45	PASS
				RB6#0	20.48	18.50	38.45	PASS
				RB1#0	21.71	19.73	38.45	PASS
				RB1#2	21.61	19.63	38.45	PASS
				RB1#5	21.68	19.70	38.45	PASS
			НСН	RB3#0	22.03	20.05	38.45	PASS
				RB3#2	22.03	20.05	38.45	PASS
				RB3#3	21.91	19.93	38.45	PASS
				RB6#0	20.43	18.45	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	21.84	19.86	38.45	PASS
				RB1#2	21.43	19.45	38.45	PASS
				RB1#5	21.85	19.87	38.45	PASS
			LCH	RB3#0	21.63	19.65	38.45	PASS
				RB3#2	21.36	19.38	38.45	PASS
				RB3#3	21.32	19.34	38.45	PASS
				RB6#0	19.85	17.87	38.45	PASS
				RB1#0	20.94	18.96	38.45	PASS
				RB1#2	20.61	18.63	38.45	PASS
				RB1#5	20.81	18.83	38.45	PASS
BAND26	LTE/TM3	1.4M	MCH	RB3#0	20.74	18.76	38.45	PASS
				RB3#2	20.72	18.74	38.45	PASS
				RB3#3	20.76	18.78	38.45	PASS
				RB6#0	19.73	17.75	38.45	PASS
				RB1#0	20.77	18.79	38.45	PASS
				RB1#2	20.73	18.75	38.45	PASS
				RB1#5	20.87	18.89	38.45	PASS
			НСН	RB3#0	20.61	18.63	38.45	PASS
				RB3#2	20.64	18.66	38.45	PASS
				RB3#3	20.49	18.51	38.45	PASS
				RB6#0	19.79	17.81	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	22.98	21.00	38.45	PASS
				RB1#7	22.96	20.98	38.45	PASS
				RB1#14	22.94	20.96	38.45	PASS
			LCH	RB8#0	21.51	19.53	38.45	PASS
				RB8#4	21.44	19.46	38.45	PASS
				RB8#7	21.49	19.51	38.45	PASS
				RB15#0	21.56	19.58	38.45	PASS
				RB1#0	23.01	21.03	38.45	PASS
				RB1#7	23.05	21.07	38.45	PASS
				RB1#14	23.02	21.04	38.45	PASS
BAND26	LTE/TM1	3M	MCH	RB8#0	21.54	19.56	38.45	PASS
				RB8#4	21.43	19.45	38.45	PASS
				RB8#7	21.49	19.51	38.45	PASS
				RB15#0	21.52	19.54	38.45	PASS
				RB1#0	23.01	21.03	38.45	PASS
				RB1#7	23.02	21.04	38.45	PASS
				RB1#14	22.97	20.99	38.45	PASS
			НСН	RB8#0	21.53	19.55	38.45	PASS
				RB8#4	21.53	19.55	38.45	PASS
				RB8#7	21.56	19.58	38.45	PASS
				RB15#0	21.55	19.57	38.45	PASS



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			T		rage.	7 01 9 1		
Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	22.41	20.43	38.45	PASS
				RB1#7	22.33	20.35	38.45	PASS
				RB1#14	22.27	20.29	38.45	PASS
			LCH	RB8#0	20.44	18.46	38.45	PASS
				RB8#4	20.58	18.60	38.45	PASS
				RB8#7	20.44	18.46	38.45	PASS
				RB15#0	20.41	18.43	38.45	PASS
				RB1#0	22.34	20.36	38.45	PASS
				RB1#7	22.35	20.37	38.45	PASS
BAND26				RB1#14	22.26	20.28	38.45	PASS
	LTE/TM2	ЗМ	МСН	RB8#0	20.49	18.51	38.45	PASS
				RB8#4	20.37	18.39	38.45	PASS
				RB8#7	20.51	18.53	38.45	PASS
				RB15#0	20.45	18.47	38.45	PASS
				RB1#0	22.27	20.29	38.45	PASS
				RB1#7	22.32	20.34	38.45	PASS
				RB1#14	22.21	20.23	38.45	PASS
			НСН	RB8#0	20.39	18.41	38.45	PASS
				RB8#4	20.51	18.53	38.45	PASS
				RB8#7	20.42	18.44	38.45	PASS
				RB15#0	20.56	18.58	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	20.84	18.86	38.45	PASS
				RB1#7	20.33	18.35	38.45	PASS
				RB1#14	20.69	18.71	38.45	PASS
			LCH	RB8#0	19.67	17.69	38.45	PASS
				RB8#4	19.57	17.59	38.45	PASS
				RB8#7	19.64	17.66	38.45	PASS
				RB15#0	19.65	17.67	38.45	PASS
				RB1#0	20.78	18.8	38.45	PASS
				RB1#7	20.50	18.52	38.45	PASS
				RB1#14	20.90	18.92	38.45	PASS
BAND26	LTE/TM3	3M	MCH	RB8#0	19.78	17.80	38.45	PASS
				RB8#4	19.67	17.69	38.45	PASS
				RB8#7	19.58	17.60	38.45	PASS
				RB15#0	19.68	17.70	38.45	PASS
				RB1#0	20.85	18.87	38.45	PASS
				RB1#7	20.69	18.71	38.45	PASS
				RB1#14	20.93	18.95	38.45	PASS
			НСН	RB8#0	19.72	17.74	38.45	PASS
				RB8#4	19.54	17.56	38.45	PASS
				RB8#7	19.83	17.85	38.45	PASS
				RB15#0	19.71	17.73	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	23.14	21.16	38.45	PASS
				RB1#13	23.14	21.16	38.45	PASS
				RB1#24	23.09	21.11	38.45	PASS
			LCH	RB12#0	21.63	19.65	38.45	PASS
				RB12#6	21.57	19.59	38.45	PASS
				RB12#13	21.56	19.58	38.45	PASS
				RB25#0	21.54	19.56	38.45	PASS
				RB1#0	23.06	21.08	38.45	PASS
				RB1#13	23.04	21.06	38.45	PASS
BAND26				RB1#24	23.04	21.06	38.45	PASS
	LTE/TM1	5M	MCH	RB12#0	21.62	19.64	38.45	PASS
				RB12#6	21.48	19.50	38.45	PASS
				RB12#13	21.58	19.60	38.45	PASS
				RB25#0	21.54	19.56	38.45	PASS
				RB1#0	23.03	21.05	38.45	PASS
				RB1#13	22.97	20.99	38.45	PASS
				RB1#24	22.98	21.00	38.45	PASS
			нсн	RB12#0	21.68	19.70	38.45	PASS
				RB12#6	21.54	19.56	38.45	PASS
				RB12#13	21.64	19.66	38.45	PASS
				RB25#0	21.59	19.61	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	22.07	20.09	38.45	PASS
			,	RB1#13	22.02	20.04	38.45	PASS
				RB1#24	21.99	20.01	38.45	PASS
			LCH	RB12#0	20.62	18.64	38.45	PASS
				RB12#6	20.45	18.47	38.45	PASS
				RB12#13	20.59	18.61	38.45	PASS
				RB25#0	20.47	18.49	38.45	PASS
				RB1#0	22.06	20.08	38.45	PASS
BAND26				RB1#13	22.03	20.05	38.45	PASS
				RB1#24	22.07	20.09	38.45	PASS
	LTE/TM2	5M	MCH	RB12#0	20.54	18.56	38.45	PASS
				RB12#6	20.56	18.58	38.45	PASS
				RB12#13	20.56	18.58	38.45	PASS
				RB25#0	20.52	18.54	38.45	PASS
				RB1#0	22.33	20.35	38.45	PASS
				RB1#13	22.33	20.35	38.45	PASS
				RB1#24	22.28	20.30	38.45	PASS
			HCH	RB12#0	20.67	18.69	38.45	PASS
				RB12#6	22.66	20.68	38.45	PASS
				RB12#13	20.55	18.57	38.45	PASS
				RB25#0	20.59	18.61	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	21.09	19.11	38.45	PASS
				RB1#13	20.94	18.96	38.45	PASS
				RB1#24	20.87	18.89	38.45	PASS
			LCH	RB12#0	19.71	17.73	38.45	PASS
				RB12#6	19.88	17.90	38.45	PASS
				RB12#13	19.67	17.69	38.45	PASS
				RB25#0	19.56	17.58	38.45	PASS
				RB1#0	20.96	18.98	38.45	PASS
BAND26				RB1#13	20.85	18.87	38.45	PASS
				RB1#24	21.06	19.08	38.45	PASS
	LTE/TM3	5M	MCH	RB12#0	19.78	17.80	38.45	PASS
				RB12#6	19.63	17.65	38.45	PASS
				RB12#13	19.67	17.69	38.45	PASS
				RB25#0	19.59	17.61	38.45	PASS
				RB1#0	20.98	19	38.45	PASS
				RB1#13	20.89	18.91	38.45	PASS
				RB1#24	20.95	18.97	38.45	PASS
			HCH	RB12#0	19.64	17.66	38.45	PASS
				RB12#6	19.71	17.73	38.45	PASS
				RB12#13	19.78	17.80	38.45	PASS
				RB25#0	19.71	17.73	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	23.01	21.03	38.45	PASS
				RB1#25	22.59	20.61	38.45	PASS
				RB1#49	22.95	20.97	38.45	PASS
			LCH	RB25#0	21.67	19.69	38.45	PASS
				RB25#13	21.54	19.56	38.45	PASS
				RB25#25	21.52	19.54	38.45	PASS
				RB50#0	21.55	19.57	38.45	PASS
				RB1#0	23.11	21.13	38.45	PASS
BAND26				RB1#25	22.84	20.86	38.45	PASS
				RB1#49	22.96	20.98	38.45	PASS
	LTE/TM1	10M	МСН	RB25#0	21.59	19.61	38.45	PASS
				RB25#13	21.47	19.49	38.45	PASS
				RB25#25	21.58	19.6	38.45	PASS
				RB50#0	21.55	19.57	38.45	PASS
				RB1#0	23.14	21.16	38.45	PASS
				RB1#25	22.94	20.96	38.45	PASS
				RB1#49	23.07	21.09	38.45	PASS
			HCH	RB25#0	21.61	19.63	38.45	PASS
				RB25#13	21.54	19.56	38.45	PASS
				RB25#25	21.53	19.55	38.45	PASS
				RB50#0	21.54	19.56	38.45	PASS



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Test	Test	Test	Test		Measured	ERP	limit	Verdic
Band(LTE)	Mode	Bandwidth	channel	Test RB	(dBm)	(dBm)	(dBm)	t
				RB1#0	22.24	20.26	38.45	PASS
				RB1#25	22.12	20.14	38.45	PASS
				RB1#49	22.18	20.20	38.45	PASS
			LCH	RB25#0	20.57	18.59	38.45	PASS
				RB25#13	20.58	18.60	38.45	PASS
				RB25#25	20.54	18.56	38.45	PASS
				RB50#0	20.54	18.56	38.45	PASS
				RB1#0	22.32	20.34	38.45	PASS
BAND26				RB1#25	21.78	19.8	38.45	PASS
				RB1#49	22.22	20.24	38.45	PASS
	LTE/TM2	10M	MCH	RB25#0	20.51	18.53	38.45	PASS
				RB25#13	20.47	18.49	38.45	PASS
				RB25#25	20.49	18.51	38.45	PASS
				RB50#0	20.52	18.54	38.45	PASS
				RB1#0	22.27	20.29	38.45	PASS
				RB1#25	22.23	20.25	38.45	PASS
				RB1#49	22.16	20.18	38.45	PASS
			НСН	RB25#0	22.56	20.58	38.45	PASS
				RB25#13	20.51	18.53	38.45	PASS
				RB25#25	20.43	18.45	38.45	PASS
				RB50#0	20.47	18.49	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdict
				RB1#0	20.93	18.95	38.45	PASS
				RB1#25	20.55	18.57	38.45	PASS
				RB1#49	20.85	18.87	38.45	PASS
			LCH	RB25#0	19.70	17.72	38.45	PASS
				RB25#13	19.71	17.73	38.45	PASS
				RB25#25	19.74	17.76	38.45	PASS
		10M		RB50#0	19.72	17.74	38.45	PASS
				RB1#0	20.92	18.94	38.45	PASS
	LTE/TM3			RB1#25	20.69	18.71	38.45	PASS
			MCH	RB1#49	20.87	18.89	38.45	PASS
BAND26				RB25#0	19.74	17.76	38.45	PASS
				RB25#13	19.70	17.72	38.45	PASS
				RB25#25	19.70	17.72	38.45	PASS
				RB50#0	19.61	17.63	38.45	PASS
				RB1#0	20.91	18.93	38.45	PASS
				RB1#25	20.21	18.23	38.45	PASS
				RB1#49	20.91	18.93	38.45	PASS
			НСН	RB25#0	19.68	17.70	38.45	PASS
				RB25#13	19.65	17.67	38.45	PASS
				RB25#25	19.76	17.78	38.45	PASS
				RB50#0	19.68	17.70	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdic t
				RB1#0	22.24	20.26	38.45	PASS
				RB1#25	22.12	20.14	38.45	PASS
				RB1#49	22.18	20.20	38.45	PASS
			LCH	RB25#0	20.57	18.59	38.45	PASS
				RB25#13	20.58	18.60	38.45	PASS
				RB25#25	20.54	18.56	38.45	PASS
		15M		RB50#0	20.54	18.56	38.45	PASS
	LTE/TM1		MCH	RB1#0	22.32	20.34	38.45	PASS
				RB1#25	21.78	19.80	38.45	PASS
				RB1#49	22.22	20.24	38.45	PASS
BAND26				RB25#0	20.51	18.53	38.45	PASS
				RB25#13	20.47	18.49	38.45	PASS
				RB25#25	20.49	18.51	38.45	PASS
				RB50#0	20.52	18.54	38.45	PASS
				RB1#0	22.27	20.29	38.45	PASS
				RB1#25	22.23	20.25	38.45	PASS
				RB1#49	22.16	20.18	38.45	PASS
			НСН	RB25#0	22.56	20.58	38.45	PASS
				RB25#13	20.51	18.53	38.45	PASS
				RB25#25	20.43	18.45	38.45	PASS
				RB50#0	20.47	18.49	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdic t
				RB1#0	22.18	20.20	38.45	PASS
				RB1#25	22.17	20.19	38.45	PASS
				RB1#49	22.07	20.09	38.45	PASS
			LCH	RB25#0	20.54	18.56	38.45	PASS
				RB25#13	20.56	18.58	38.45	PASS
				RB25#25	20.57	18.59	38.45	PASS
		15M	-	RB50#0	20.56	18.58	38.45	PASS
	LTE/TM2		МСН	RB1#0	22.12	20.14	38.45	PASS
				RB1#25	22.15	20.17	38.45	PASS
				RB1#49	22.11	20.13	38.45	PASS
BAND26				RB25#0	20.65	18.67	38.45	PASS
				RB25#13	20.54	18.56	38.45	PASS
				RB25#25	20.56	18.58	38.45	PASS
				RB50#0	20.52	18.54	38.45	PASS
				RB1#0	21.56	19.58	38.45	PASS
				RB1#25	22.29	20.31	38.45	PASS
				RB1#49	22.31	20.33	38.45	PASS
			НСН	RB25#0	22.18	20.20	38.45	PASS
				RB25#13	20.59	18.61	38.45	PASS
				RB25#25	20.55	18.57	38.45	PASS
				RB50#0	20.48	18.50	38.45	PASS



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Test Band(LTE)	Test Mode	Test Bandwidth	Test channel	Test RB	Measured (dBm)	ERP (dBm)	limit (dBm)	Verdic t
				RB1#0	20.77	18.79	38.45	PASS
				RB1#25	20.78	18.8	38.45	PASS
				RB1#49	20.72	18.74	38.45	PASS
			LCH	RB25#0	19.65	17.67	38.45	PASS
				RB25#13	19.64	17.66	38.45	PASS
				RB25#25	19.71	17.73	38.45	PASS
				RB50#0	19.65	17.67	38.45	PASS
	LTE/TM3	15M	МСН	RB1#0	20.77	18.79	38.45	PASS
				RB1#25	20.82	18.84	38.45	PASS
				RB1#49	20.72	18.74	38.45	PASS
BAND26				RB25#0	19.83	17.85	38.45	PASS
				RB25#13	19.66	17.68	38.45	PASS
				RB25#25	19.69	17.71	38.45	PASS
				RB50#0	19.66	17.68	38.45	PASS
				RB1#0	20.82	18.84	38.45	PASS
				RB1#25	20.95	18.97	38.45	PASS
				RB1#49	20.82	18.84	38.45	PASS
			НСН	RB25#0	19.78	17.8	38.45	PASS
				RB25#13	19.63	17.65	38.45	PASS
				RB25#25	19.64	17.66	38.45	PASS
				RB50#0	19.68	17.7	38.45	PASS

Note:

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

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

b: SGP=Signal Generator Level

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
		LCH	5.28	13	PASS
	TM1/15M	MCH	5.77	13	PASS
		HCH	5.48	13	PASS
	TM2/15M TM3/15M	LCH	6.41	13	PASS
Band 26		MCH	6.58	13	PASS
		HCH	6.67	13	PASS
		LCH	6.20	13	PASS
		MCH	6.32	13	PASS
		HCH	6.35	13	PASS



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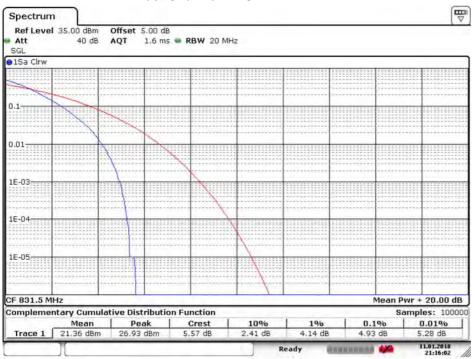
Part II - Test Plots

2.1 For LTE

2.1.1 Test Band = LTE band26

2.1.1.1 Test Mode = LTE/TM1.Bandwidth=15MHz

2.1.1.1.1 Test Channel = LCH



Date: 11.JAN.2018 21:16:03



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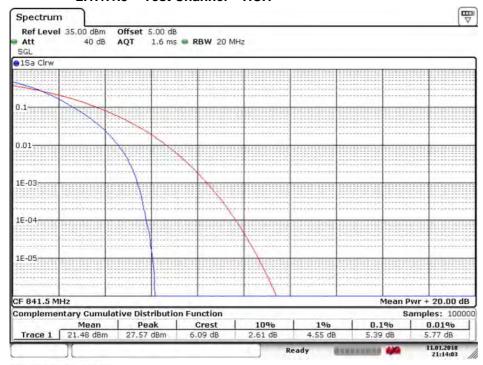
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2.1.1.1.2 Test Channel = MCH



Date: 11.JAN.2018 21:15:44

2.1.1.1.3 Test Channel = HCH



Date: 11.JAN.2018 21:14:03

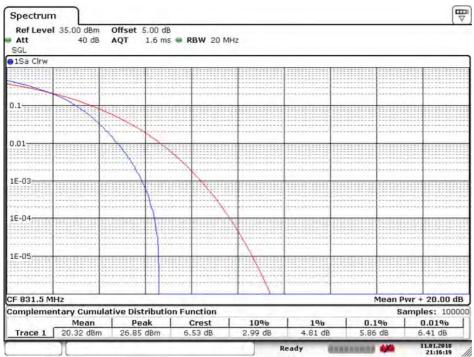


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2.1.1.2 Test Mode = LTE/TM2.Bandwidth=15MHz

2.1.1.2.1 Test Channel = LCH



Date: 11.JAN.2018 21:16:19

2.1.1.2.2 Test Channel = MCH



Date: 11.JAN.2018 21.14:56

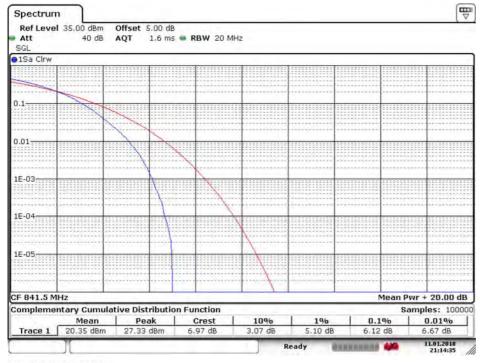
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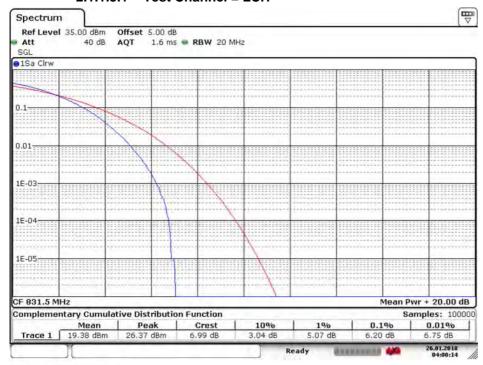
2.1.1.2.3 Test Channel = HCH



Date: 11.JAN.2018 21:14:36

2.1.1.3 Test Mode = LTE/TM3.Bandwidth=15MHz

2.1.1.3.1 Test Channel = LCH



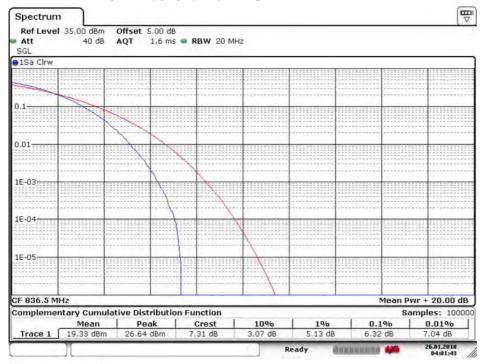
Date: 26.JAN.2018 04:00:15



Report No.: SZEM180200138703

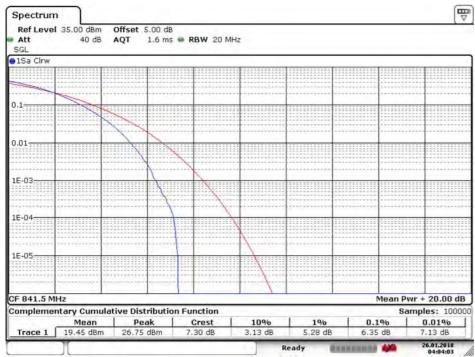
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2.1.1.3.2 Test Channel = MCH



Date: 26.JAN.2018 04:01:44

2.1.1.3.3 Test Channel = HCH



Date: 26.JAN.2018 04:04:04



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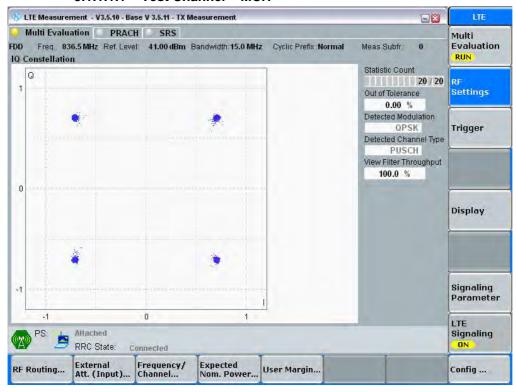
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE band26

3.1.1.1 Test Mode = LTE /TM1 15MHz

3.1.1.1.1 Test Channel = MCH



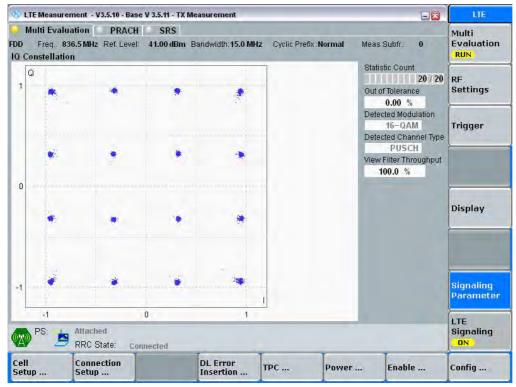


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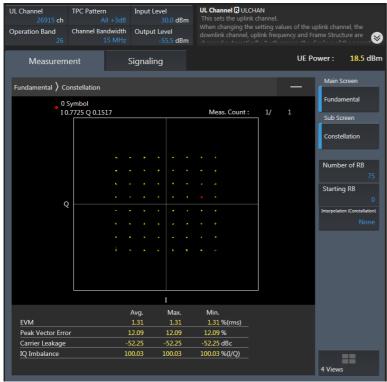
3.1.1.2 Test Mode = LTE /TM2 15Hz

3.1.1.2.1 Test Channel = MCH



3.1.1.3 Test Mode = LTE /TM3 15MHz

3.1.1.3.1 Test Channel = LCH



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4 Bandwidth

Part I - Test Results

Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		LCH	1.10	1.25	PASS
	TM1/1.4MHz	MCH	1.09	1.24	PASS
		HCH	1.10	1.25	PASS
		LCH	1.10	1.25	PASS
	TM2/1.4MHz	MCH	1.11	1.24	PASS
		HCH	1.10	1.23	PASS
		LCH	1.10	1.25	PASS
	TM3/1.4MHz	MCH	1.10	1.25	PASS
		HCH	1.10	1.25	PASS
		LCH	2.69	2.90	PASS
	TM1/3MHz	MCH	2.69	2.91	PASS
		HCH	2.68	2.92	PASS
		LCH	2.69	2.93	PASS
	TM2/3MHz	MCH	2.69	2.93	PASS
		HCH	2.68	2.93	PASS
	TM3/3MHz	LCH	2.68	2.91	PASS
Band 26		MCH	2.68	2.90	PASS
		HCH	2.68	2.91	PASS
		LCH	4.48	4.90	PASS
	TM1/5MHz	MCH	4.48	4.88	PASS
		HCH	4.47	4.88	PASS
		LCH	4.48	4.89	PASS
	TM2/5MHz	MCH	4.49	4.89	PASS
		HCH	4.48	4.89	PASS
		LCH	4.48	4.86	PASS
	TM3/5MHz	MCH	4.48	4.87	PASS
		HCH	4.47	4.87	PASS
		LCH	8.93	9.57	PASS
	TM1/10MHz	MCH	8.93	9.67	PASS
		HCH	8.93	9.67	PASS
		LCH	8.91	9.71	PASS
	TM2/ 10MHz	MCH	8.95	9.73	PASS
		HCH	8.93	9.67	PASS



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Test Band	Test Mode	Test Channel	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
		LCH	8.91	9.59	PASS
	TM2/ 10MHz	MCH	8.93	9.75	PASS
		HCH	8.93	9.69	PASS
		LCH	13.37	14.78	PASS
	TM1/15MHz	MCH	13.55	14.96	PASS
		HCH	13.55	14.99	PASS
		LCH	13.40	14.81	PASS
	TM2/ 15MHz	MCH	13.55	14.96	PASS
		HCH	13.55	14.96	PASS
		LCH	13.40	14.75	PASS
	TM3/ 15MHz	MCH	13.58	15.02	PASS
		HCH	13.58	15.05	PASS

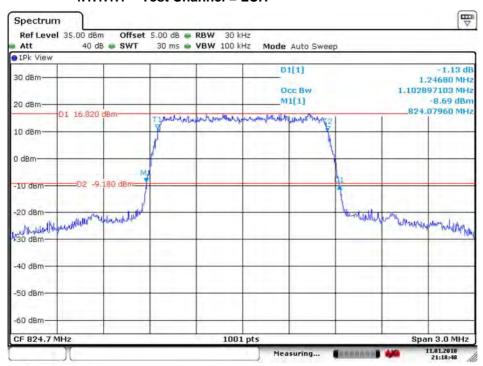
Part II -Test Plots

4.1 For LTE

4.1.1 Test Band = LTE band26

4.1.1.1 Test Mode = LTE/TM1 1.4MHz

4.1.1.1.1 Test Channel = LCH



Date: 11.JAN.2018 21.18:49

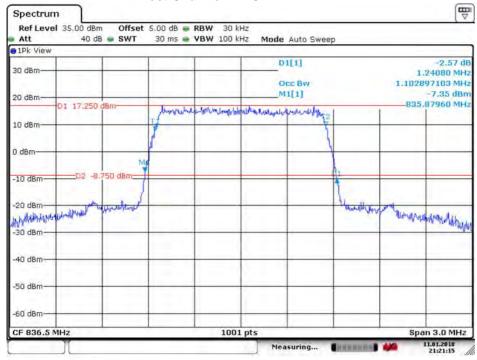
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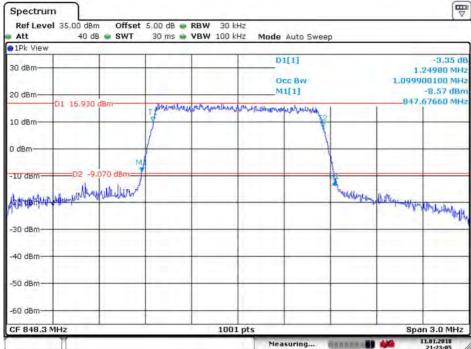
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4.1.1.1.2 Test Channel = MCH



Date: 11.JAN.2018 21:21.16

4.1.1.1.3 Test Channel = HCH



Date: 11.JAN.2018 21:23:06

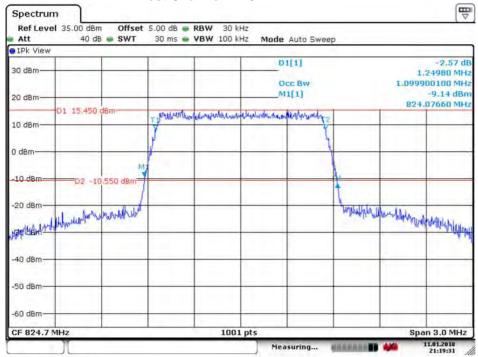


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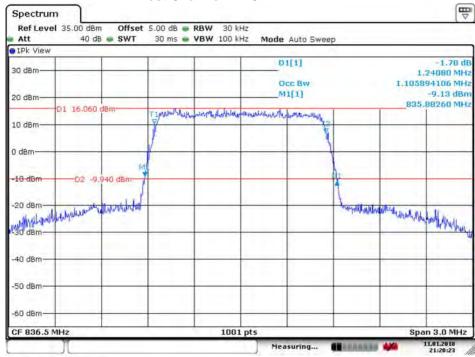
4.1.1.2 Test Mode = LTE/TM2 1.4MHz

4.1.1.2.1 Test Channel = LCH



Date: 11.JAN.2018 21.19:32

4.1.1.2.2 Test Channel = MCH



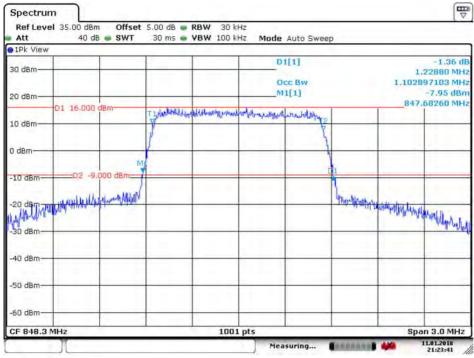
Date: 11.JAN.2018 21:20:24



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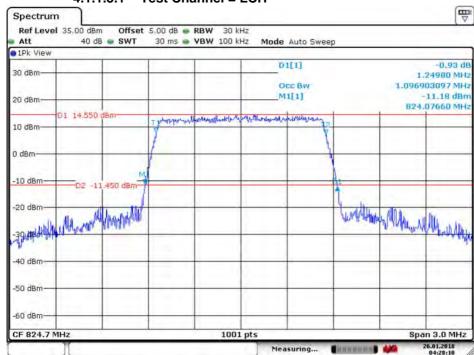




Date: 11.JAN.2018 21:23:42

4.1.1.3 Test Mode = LTE/TM3 1.4MHz

4.1.1.3.1 Test Channel = LCH



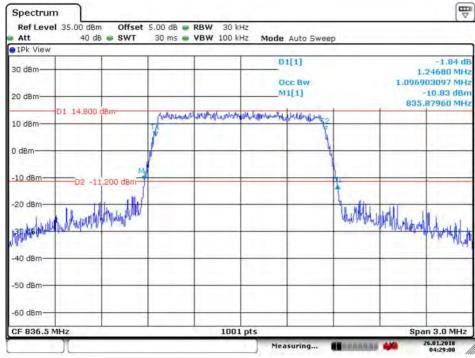
Date: 26.JAN.2018 04:28:10



Report No.: SZEM180200138703

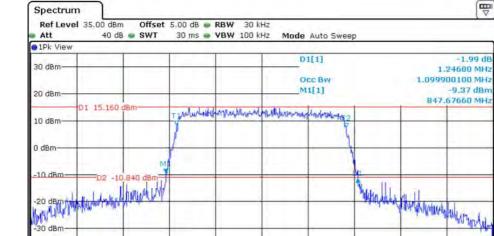
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Date: 26.JAN.2018 04:29:01

Spectrum



1001 pts

4.1.1.3.3 Test Channel = HCH

Date: 26.JAN.2018 04:30:01

-40 dBm

-50 dBm

-60 dBm-CF 848.3 MHz

Measuring...

Span 3.0 MHz 26.01.2018

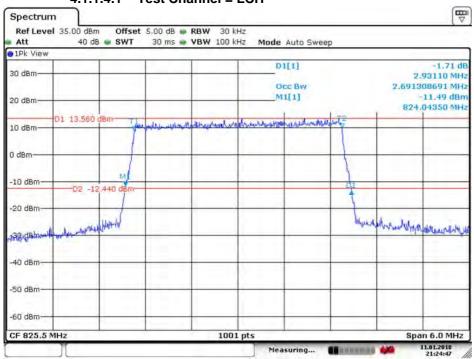


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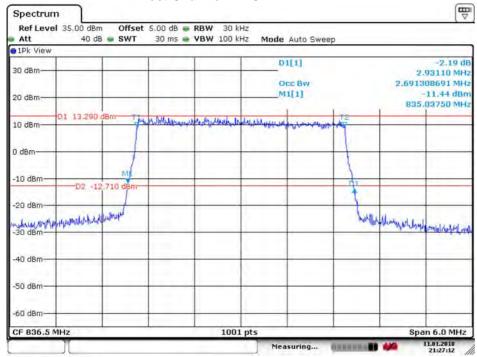
4.1.1.4 Test Mode = LTE/TM1 3MHz

4.1.1.4.1 Test Channel = LCH



Date: 11.JAN.2018 21:24:47

4.1.1.4.2 Test Channel = MCH



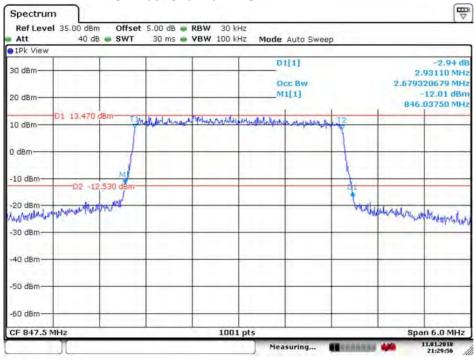
Date: 11.JAN.2018 21:27:12



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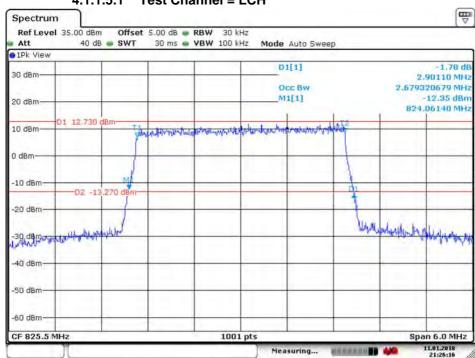
4.1.1.4.3 Test Channel = HCH



Date: 11.JAN.2018 21:29:56

4.1.1.5 Test Mode = LTE/TM2 3MHz

4.1.1.5.1 Test Channel = LCH



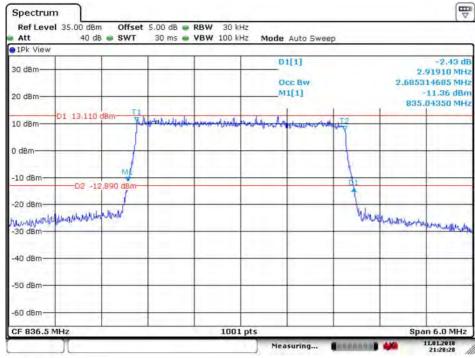
Date: 11.JAN.2018 21:26:16



Report No.: SZEM180200138703

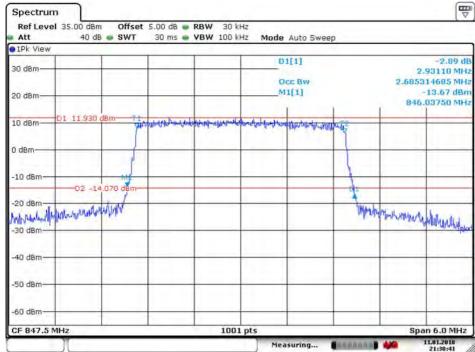
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4.1.1.5.2 Test Channel = MCH



Date: 11.JAN.2018 21:28:29

4.1.1.5.3 Test Channel = HCH



Date: 11.JAN 2018 21:30:40

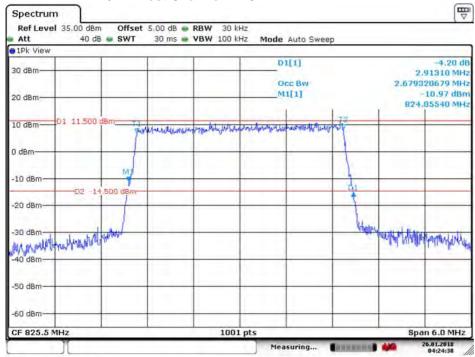


Report No.: SZEM180200138703

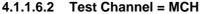
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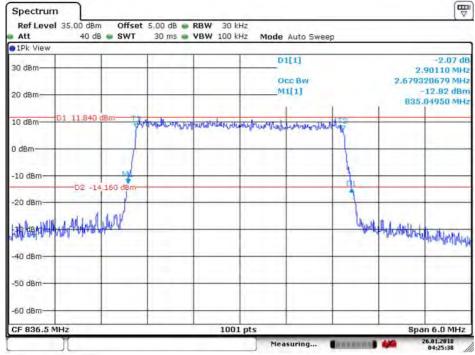
4.1.1.6 Test Mode = LTE/TM3 3MHz

4.1.1.6.1 Test Channel = LCH



Date: 26.JAN.2018 04:24:39





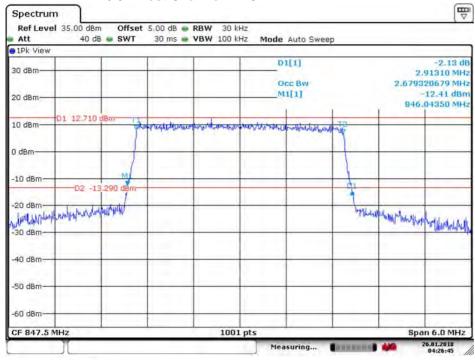
Date: 26.JAN.2018 04:25:39



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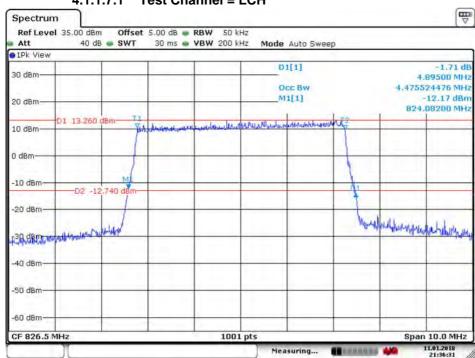
4.1.1.6.3 Test Channel = HCH



Date: 26.JAN.2018 04:26:45

4.1.1.7 Test Mode = LTE/TM1 5MHz

4.1.1.7.1 Test Channel = LCH



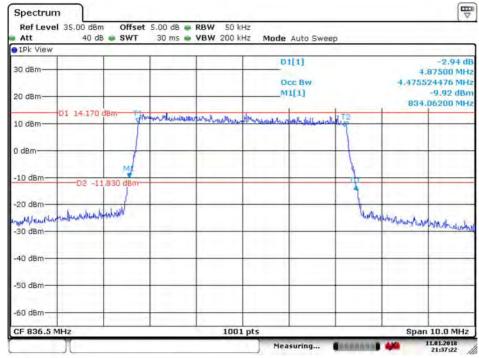
Date: 11.JAN.2018 21:36:32



Report No.: SZEM180200138703

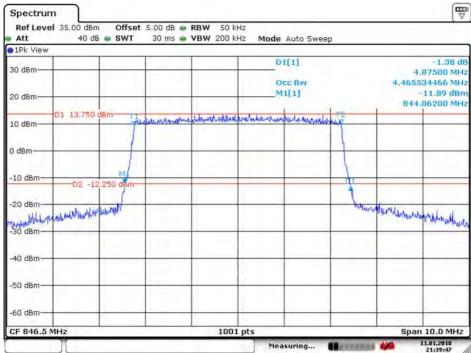
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4.1.1.7.2 Test Channel = MCH



Date: 11.JAN.2018 21:37:22

4.1.1.7.3 **Test Channel = HCH**



Date: 11.JAN.2018 21:39:47

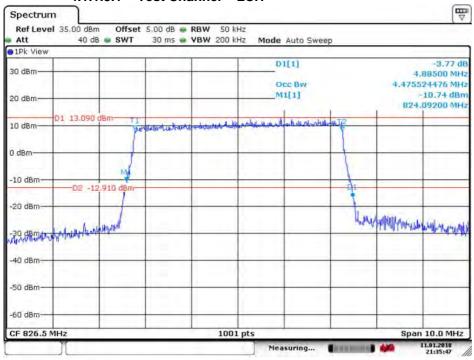


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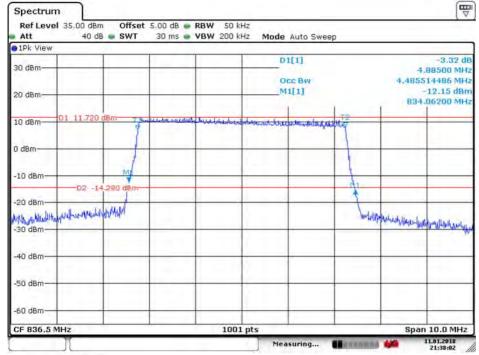
4.1.1.8 Test Mode = LTE/TM2 5MHz

4.1.1.8.1 Test Channel = LCH



Date: 11.JAN.2018 21:35:47



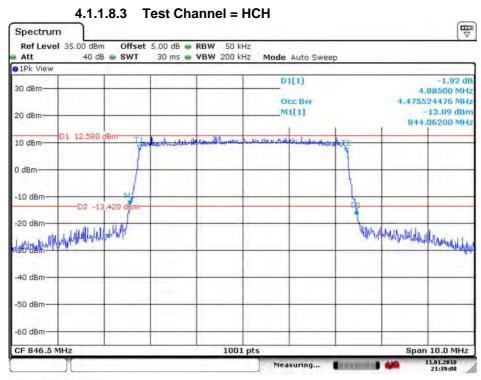


Date: 11.JAN.2018 21:38:02



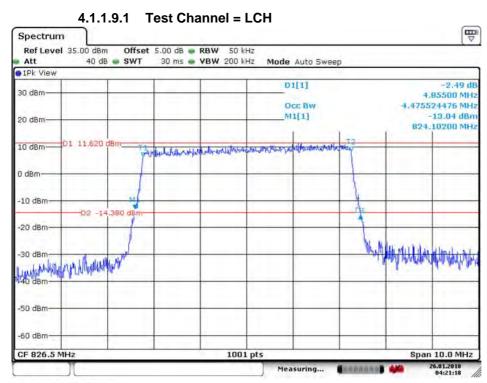
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Date: 11.JAN.2018 21:39:08

4.1.1.9 Test Mode = LTE/TM3 5MHz

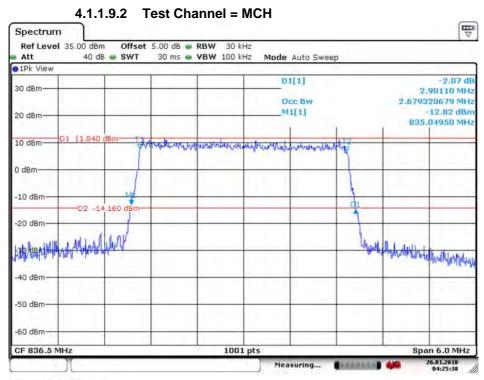


Date: 26.JAN.2018 04:21:18

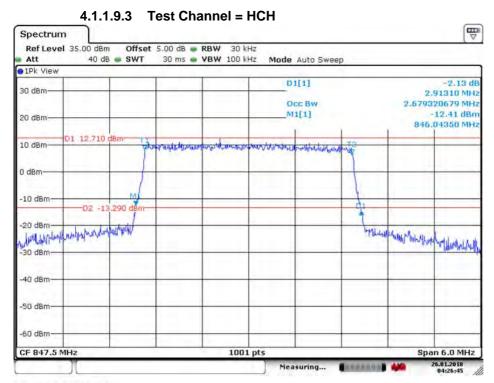


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Date: 26.JAN 2018 04:25:39



Date: 26.JAN.2018 04:26:45

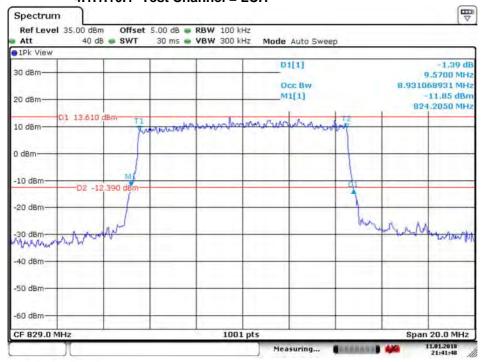


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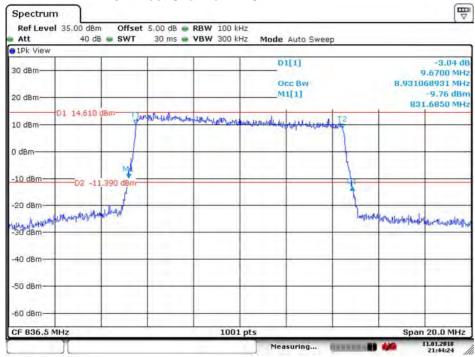
4.1.1.10 Test Mode = LTE/TM1 10MHz

4.1.1.10.1 Test Channel = LCH



Date: 11.JAN.2018 21.41:48

4.1.1.10.2 Test Channel = MCH



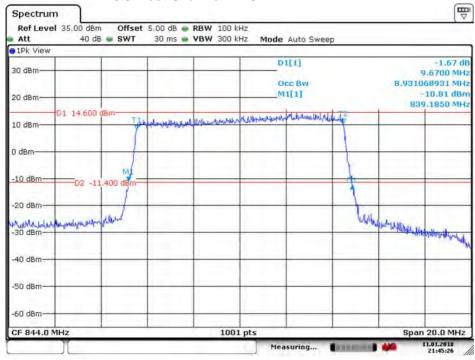
Date: 11.JAN.2018 21:44:25



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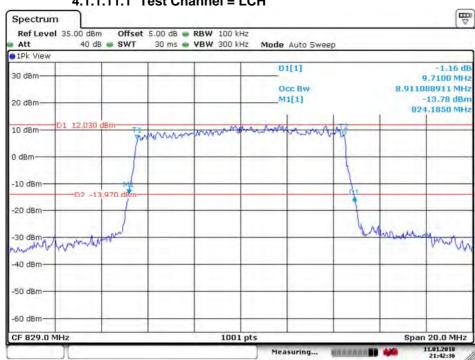
4.1.1.10.3 Test Channel = HCH



Date: 11.JAN.2018 21:45:26

4.1.1.11 Test Mode = LTE/TM2 10MHz

4.1.1.11.1 Test Channel = LCH



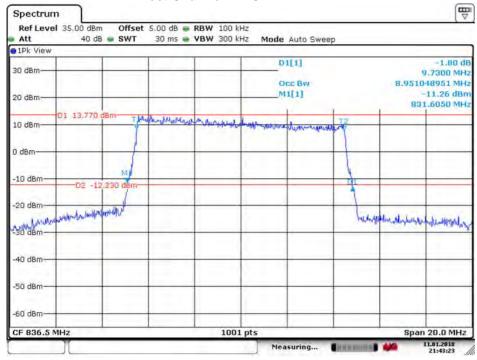
Date: 11.JAN.2018 21.42:37



Report No.: SZEM180200138703

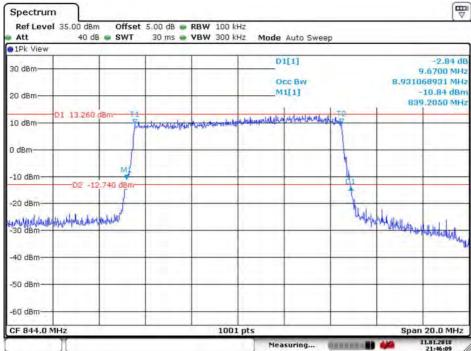
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4.1.1.11.2 Test Channel = MCH



Date: 11.JAN.2018 21:43:23

4.1.1.11.3 Test Channel = HCH



Date: 11.JAN.2018 21:46:10

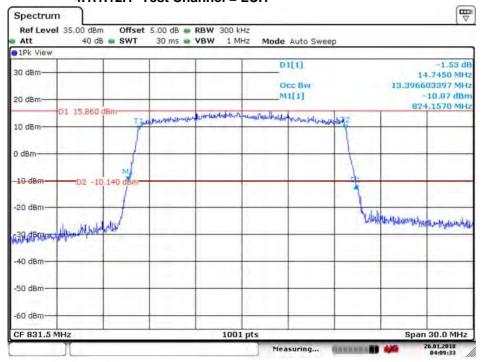


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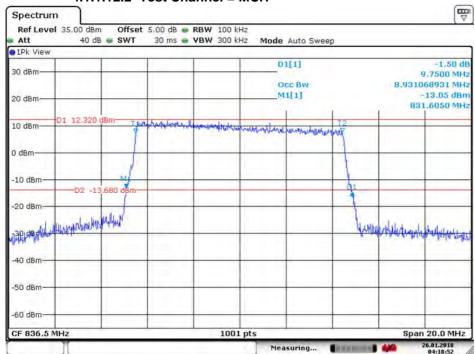
4.1.1.12 Test Mode = LTE/TM3 10MHz

4.1.1.12.1 Test Channel = LCH



Date: 26.JAN.2018 04:09:33





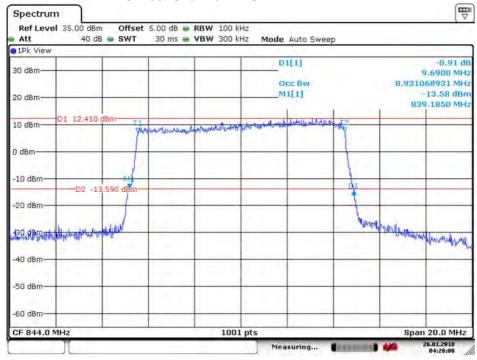
Date: 26.JAN.2018 04:18:52



Report No.: SZEM180200138703

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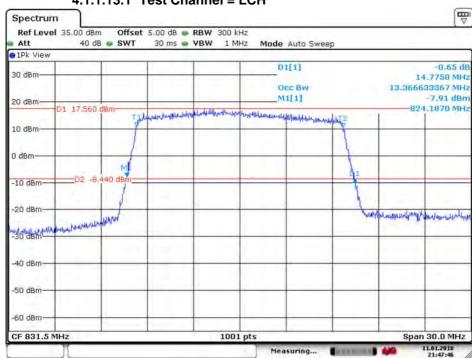
4.1.1.12.3 Test Channel = HCH



Date: 26.JAN.2018 04:20:00

4.1.1.13 Test Mode = LTE/TM1 15MHz

4.1.1.13.1 Test Channel = LCH



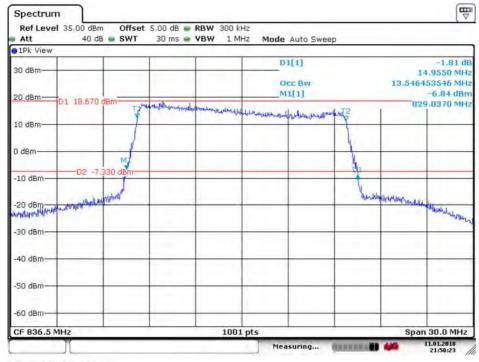
Date: 11.JAN.2018 21:47:46



Report No.: SZEM180200138703

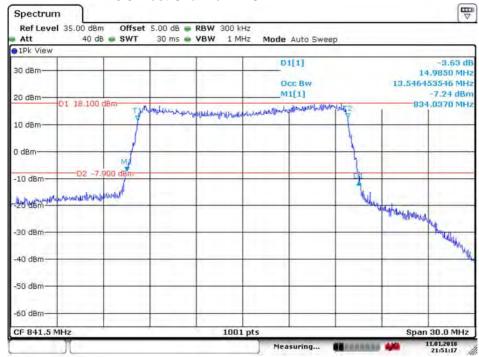
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Date: 11.JAN.2018 21.50:23

4.1.1.13.3 Test Channel = HCH



Date: 11.JAN.2018 21:51:17



Report No.: SZEM180200138703

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4.1.1.14 Test Mode = LTE/TM2 15MHz

4.1.1.14.1 Test Channel = LCH



Date: 11.JAN.2018 21:48:50

4.1.1.14.2 Test Channel = MCH



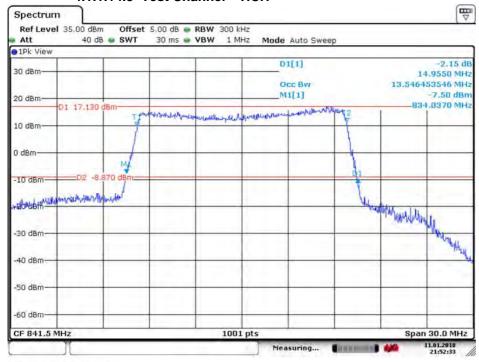
Date: 11.JAN.2018 21:49:39



Report No.: SZEM180200138703

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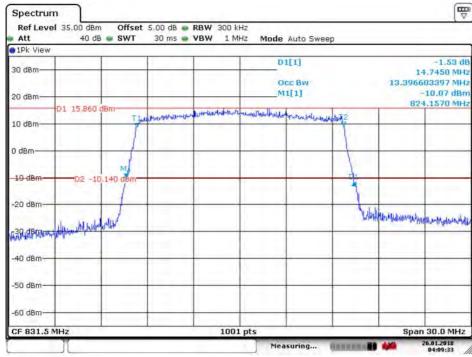
4.1.1.14.3 Test Channel = HCH



Date: 11.JAN.2018 21.52:33

4.1.1.15 Test Mode = LTE/TM3 15MHz

4.1.1.15.1 Test Channel = LCH



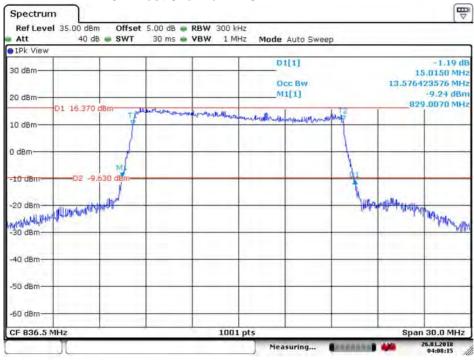
Date: 26.JAN.2018 04:09:33



Report No.: SZEM180200138703

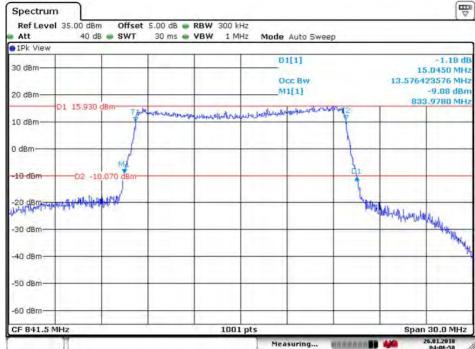
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4.1.1.15.2 Test Channel = MCH



Date: 26.JAN.2018 04:08:15





Date: 26.JAN.2018 04:06:59



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5 Band Edges Compliance

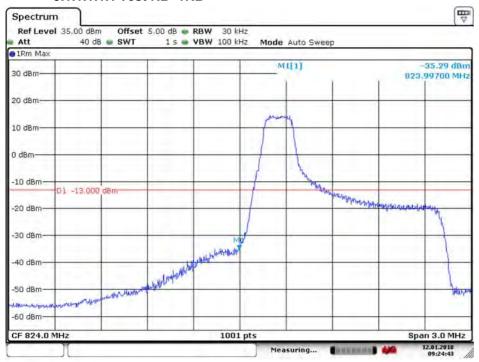
5.1 For LTE

5.1.1 Test Band = LTE band26

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



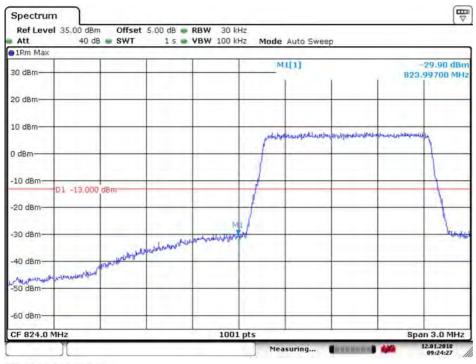
Date: 12.JAN.2018 09:24:43



Report No.: SZEM180200138703

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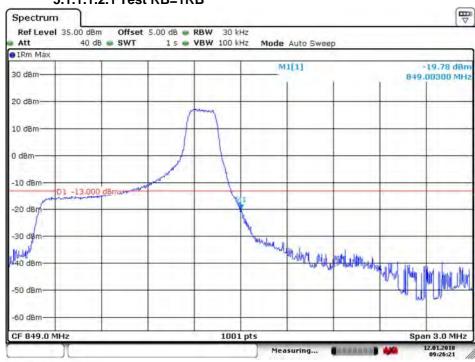
5.1.1.1.1.2 Test RB=6RB



Date: 12.JAN.2018 09:24:28

5.1.1.1.2 Test Channel = HCH

5.1.1.1.2.1 Test RB=1RB



Date: 12 JAN 2018 09:26:21

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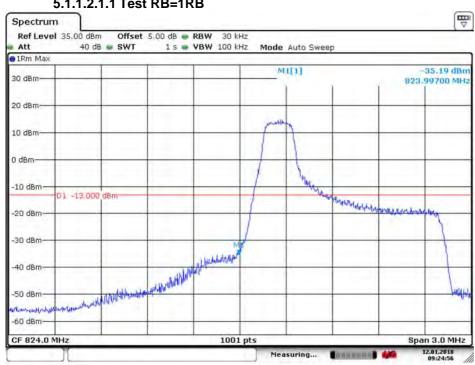
5.1.1.1.2.2 Test RB=6RB



Date: 12 JAN 2018 09:25:37

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: 12 JAN 2018 09:24:56



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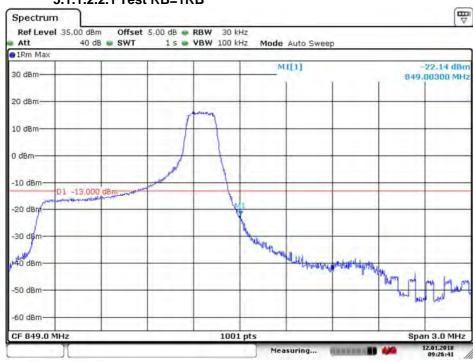
5.1.1.2.1.2 Test RB=6RB



Date: 12.JAN.2018 09:23:55

5.1.1.2.2 Test Channel = HCH

5.1.1.2.2.1 Test RB=1RB



Date: 12.JAN.2018 09:26:42

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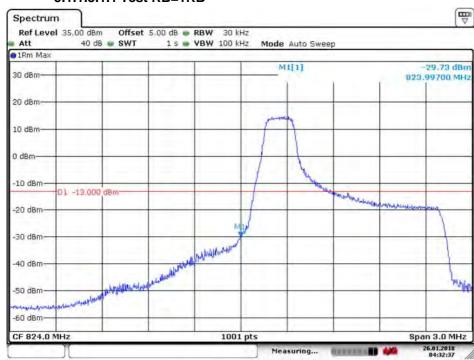
5.1.1.2.2.2 Test RB=6RB



Date: 12.JAN.2018 09:26:58

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



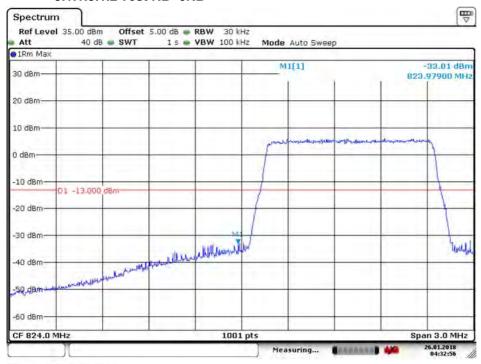
Date: 26.JAN.2018 04:32:38



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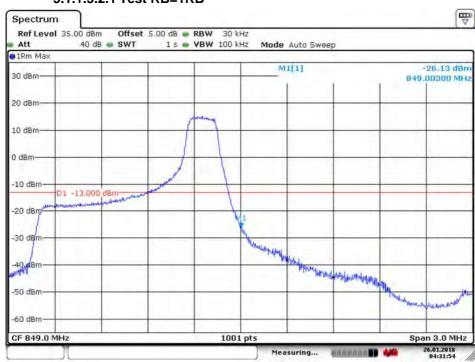
5.1.1.3.1.2 Test RB=6RB



Date: 26.JAN 2018 04:32:57

5.1.1.3.2 Test Channel = HCH

5.1.1.3.2.1 Test RB=1RB



Date: 26.JAN.2018 04:31:54

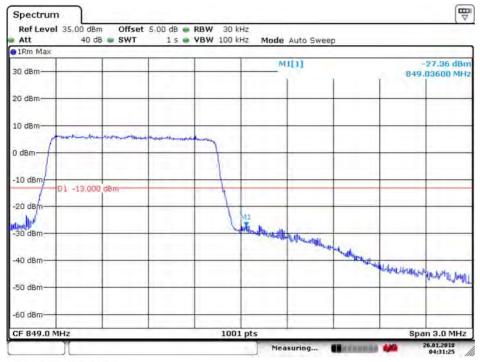
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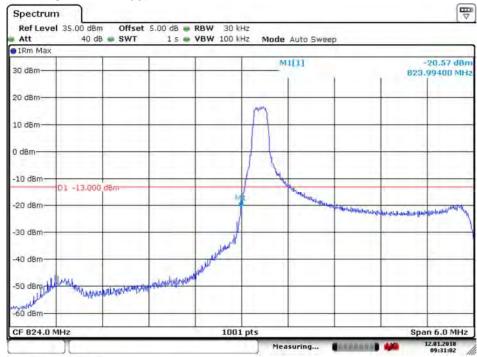
5.1.1.3.2.2 Test RB=6RB



Date: 26.JAN.2018 04:31:26

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: 12.JAN.2018 09:31:02



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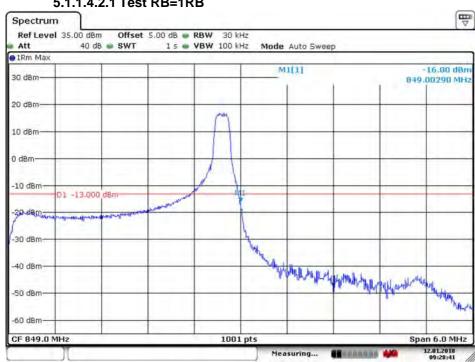
5.1.1.4.1.2 Test RB=15RB



Date: 12.JAN.2018 09:29:22

5.1.1.4.2 Test Channel = HCH

5.1.1.4.2.1 Test RB=1RB



Date: 12.JAN.2018 09:28:41



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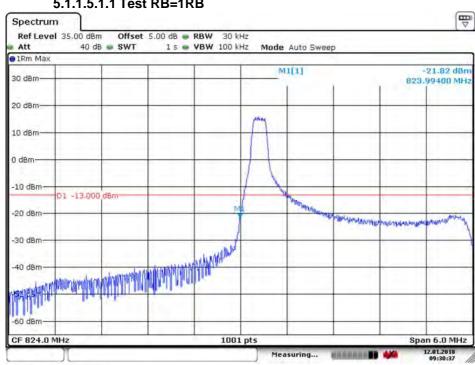
5.1.1.4.2.2 Test RB=15RB



Date: 12 JAN 2018 09:27:34

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: 12 JAN 2018 09:30:38



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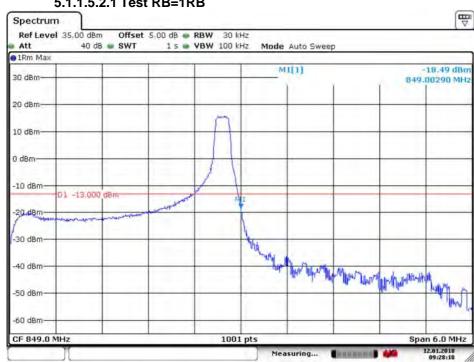
5.1.1.5.1.2 Test RB=15RB



Date: 12 JAN 2018 09:30:22

5.1.1.5.2 Test Channel = HCH

5.1.1.5.2.1 Test RB=1RB



Date: 12.JAN.2018 09:28:19



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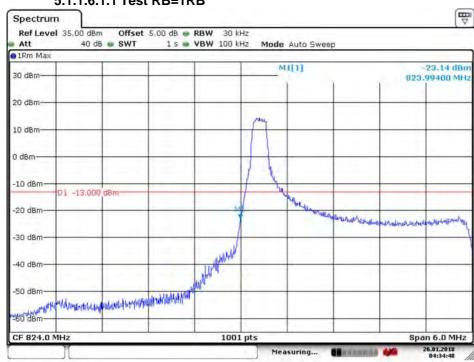
5.1.1.5.3 Test RB=15RB



Date: 12.JAN.2018 09:27:54

5.1.1.6 Test Mode = LTE/TM3 3MHz 5.1.1.6.1 Test Channel = LCH

5.1.1.6.1.1 Test RB=1RB



Date: 26.JAN.2018 04:34:48

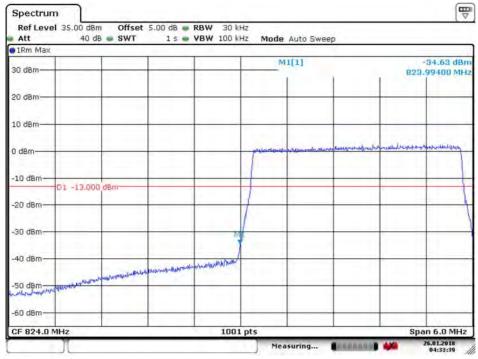
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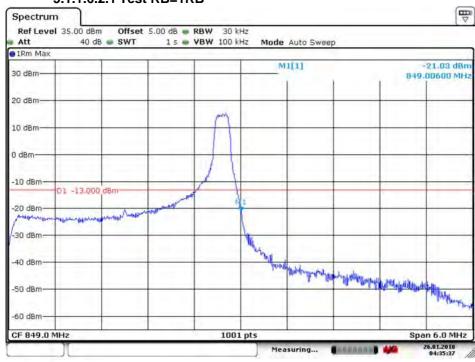




Date: 26.JAN.2018 04:33:40

5.1.1.6.2 Test Channel = HCH

5.1.1.6.2.1 Test RB=1RB



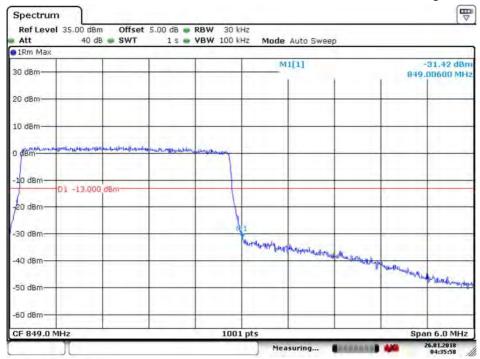
Date: 26.JAN.2018 04:35:38

5.1.1.6.2.2 Test RB=15RB



Report No.: SZEM180200138703

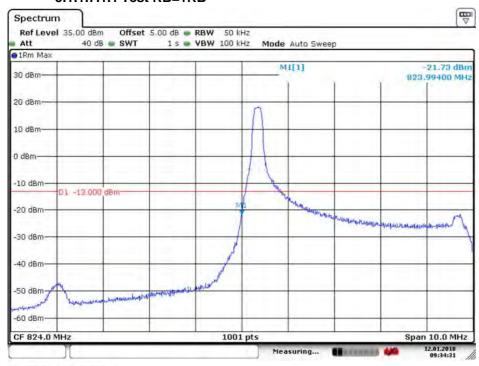
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Date: 26.JAN.2018 04:35:58

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: 12.JAN.2018 09:34:31

5.1.1.7.1.2 Test RB=25RB



Report No.: SZEM180200138703

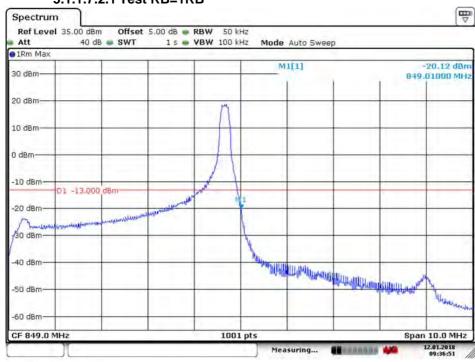
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Date: 12 JAN 2018 09:32:22

5.1.1.7.2 Test Channel = HCH

5.1.1.7.2.1 Test RB=1RB



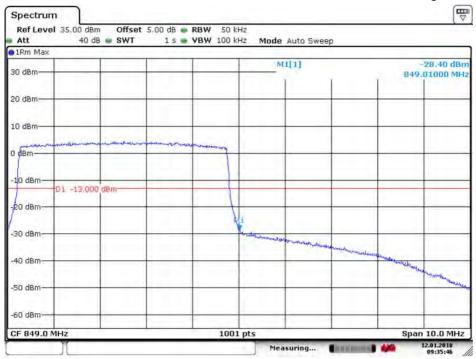
Date: 12.JAN.2018 09:36:51

5.1.1.7.2.2 Test RB=25RB



Report No.: SZEM180200138703

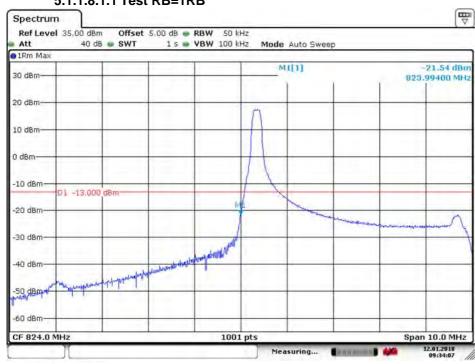
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Date: 12.JAN.2018 09:35:46

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: 12.JAN.2018 09:34:07

5.1.1.8.1.2 Test RB=25RB



Report No.: SZEM180200138703

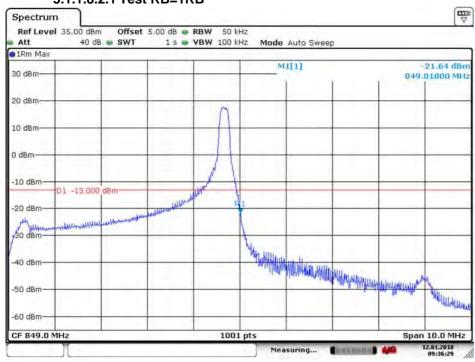
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Date: 12 JAN 2018 09:33:03

5.1.1.8.2 Test Channel = HCH

5.1.1.8.2.1 Test RB=1RB



Date: 12.JAN.2018 09:36:30

5.1.1.8.2.2 Test RB=25RB



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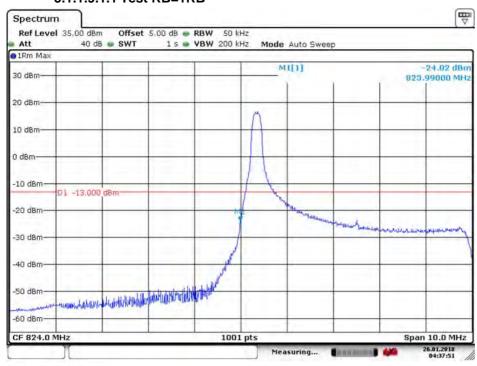


Date: 12.JAN.2018 09:36:10

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: 26.JAN.2018 04:37:52

5.1.1.9.1.2 Test RB=25RB



Report No.: SZEM180200138703

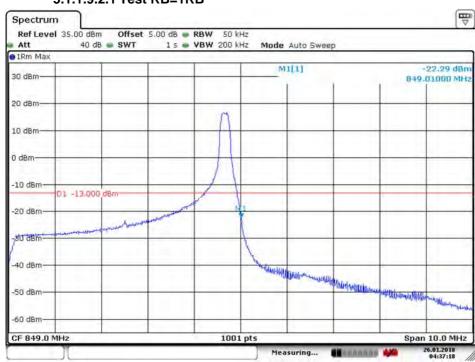
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Date: 26.JAN 2018 04:38:06

5.1.1.9.2 Test Channel = HCH

5.1.1.9.2.1 Test RB=1RB



Date: 26.JAN 2018 04:37:18

5.1.1.9.2.2 Test RB=25RB



Report No.: SZEM180200138703

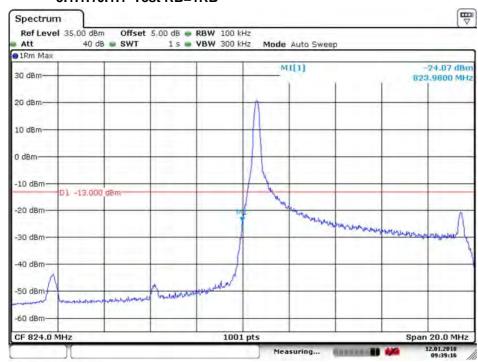
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Date: 26.JAN.2018 04:36:46

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: 12.JAN.2018 09:39:16

5.1.1.10.1.2 Test RB=50RB



Report No.: SZEM180200138703

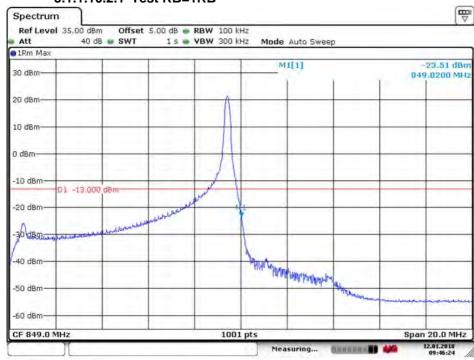
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Date: 12.JAN.2018 09:37:46

5.1.1.10.2 Test Channel = HCH

5.1.1.10.2.1 Test RB=1RB



Date: 12.JAN.2018 09:46:25

5.1.1.10.2.2 Test RB=50RB



Report No.: SZEM180200138703

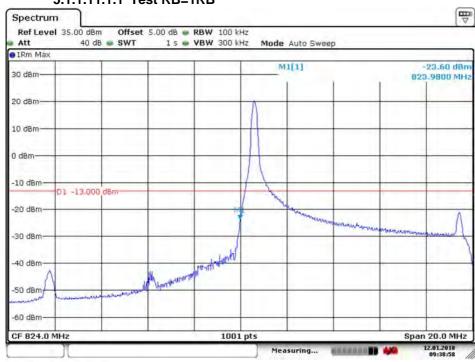
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Date: 12 JAN 2018 09:45:00

5.1.1.11 Test Mode = LTE/TM2 10MHz 5.1.1.11.1 Test Channel = LCH

5.1.1.11.1.1 Test RB=1RB



Date: 12.JAN.2018 09:38:59

5.1.1.11.1.2 Test RB=50RB



Report No.: SZEM180200138703

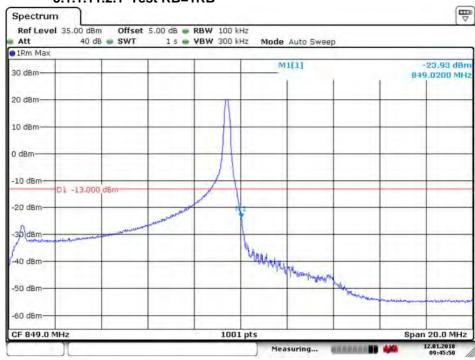
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Date: 12 JAN 2018 09:38:13

5.1.1.11.2 Test Channel = HCH

5.1.1.11.2.1 Test RB=1RB



Date: 12.JAN.2018 09:45:51

5.1.1.11.2.2 Test RB=50RB



Report No.: SZEM180200138703

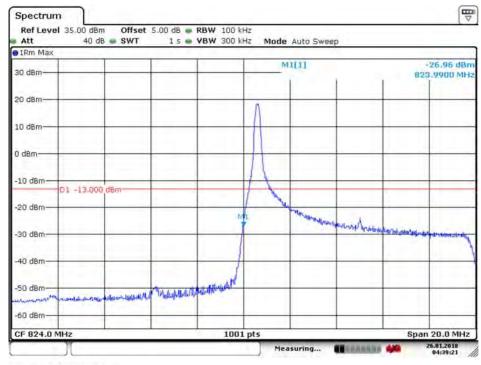
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Date: 12.JAN.2018 09:45.18

5.1.1.12 Test Mode = LTE/TM3 10MHz 5.1.1.12.1 Test Channel = LCH

5.1.1.12.1.1 Test RB=1RB



Date: 26.JAN 2018 04:39:21

5.1.1.12.1.2 Test RB=50RB



Report No.: SZEM180200138703

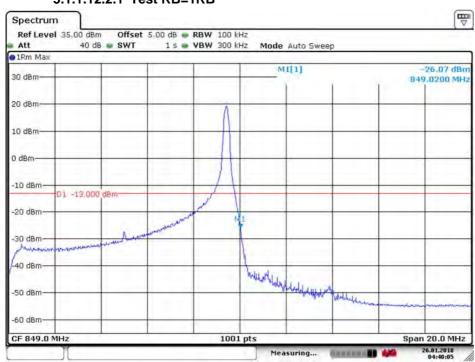
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Date: 26.JAN.2018 04:38:57

5.1.1.12.2 Test Channel = HCH

5.1.1.12.2.1 Test RB=1RB



Date: 26.JAN.2018 04:40:06

5.1.1.12.2.2 Test RB=50RB



Report No.: SZEM180200138703

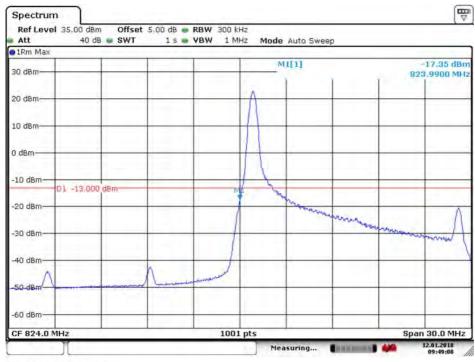
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Date: 26.JAN.2018 04:40:25

5.1.1.13 Test Mode = LTE/TM1 15MHz 5.1.1.13.1 Test Channel = LCH

5.1.1.13.1.1 Test RB=1RB



Date: 12.JAN.2018 09:49:08

5.1.1.13.1.2 Test RB=75RB



Report No.: SZEM180200138703

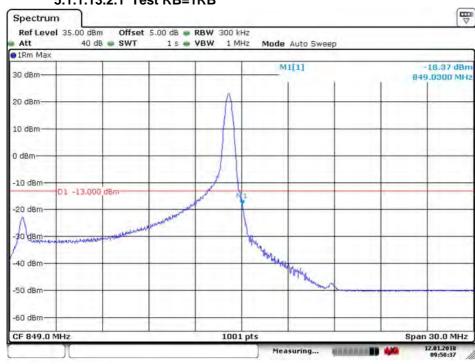
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Date: 12 JAN 2018 09:48:45

5.1.1.13.2 Test Channel = HCH

5.1.1.13.2.1 Test RB=1RB



Date: 12.JAN.2018 09:50:38

5.1.1.13.2.2 Test RB=75RB



Report No.: SZEM180200138703

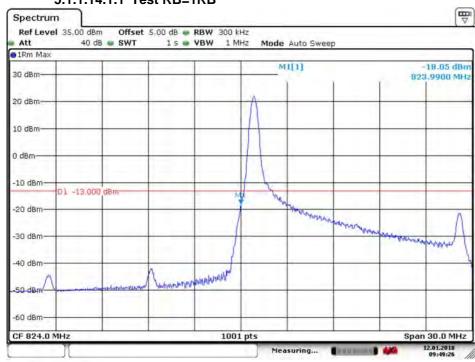
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Date: 12 JAN 2018 09:50:13

5.1.1.14 Test Mode = LTE/TM2 15MHz 5.1.1.14.1 Test Channel = LCH

5.1.1.14.1.1 Test RB=1RB



Date: 12.JAN.2018 09:49:26

5.1.1.14.1.2 Test RB=75RB



Report No.: SZEM180200138703

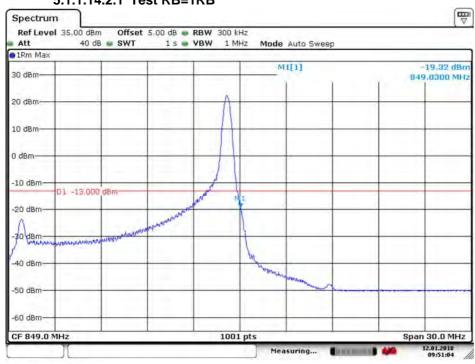
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Date: 12.JAN.2018 09:48:13

5.1.1.14.2 Test Channel = HCH

5.1.1.14.2.1 Test RB=1RB



Date: 12.JAN.2018 09:51:04

5.1.1.14.2.2 Test RB=75RB



Report No.: SZEM180200138703

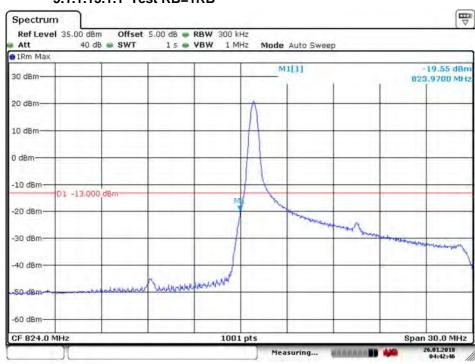
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Date: 12.JAN.2018 09:49:58

5.1.1.15 Test Mode = LTE/TM3 15MHz 5.1.1.15.1 Test Channel = LCH

5.1.1.15.1.1 Test RB=1RB



Date: 26.JAN.2018 04:42:47

5.1.1.15.1.2 Test RB=75RB



Report No.: SZEM180200138703

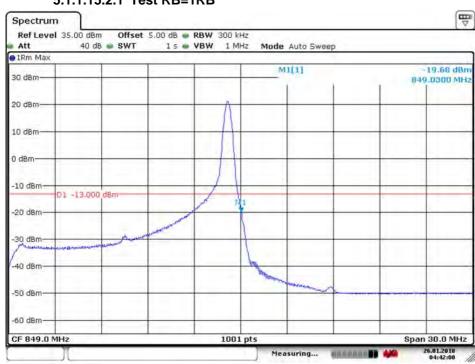
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Date: 26.JAN.2018 04:43:01

5.1.1.15.2 Test Channel = HCH

5.1.1.15.2.1 Test RB=1RB



Date: 26.JAN 2018 04:42:00

5.1.1.15.2.2 Test RB=75RB



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Date: 26.JAN.2018 04:41:23



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6 Spurious Emission at Antenna Terminal

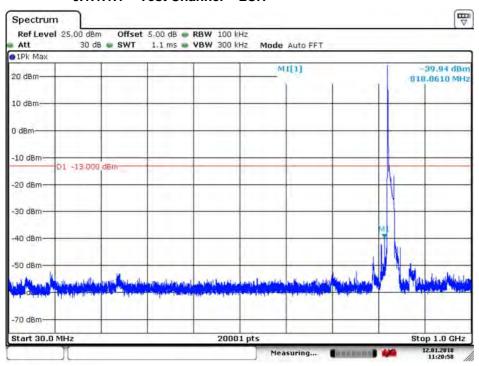
NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k* (Span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

Part I - Test Plots

6.1 For LTE

6.1.1.1 Test Mode = LTE / TM1 15MHz RB1#0

6.1.1.1.1 Test Channel = LCH

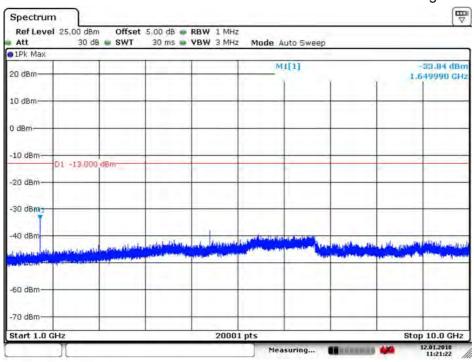


Date: 12.JAN.2018 11:20:58



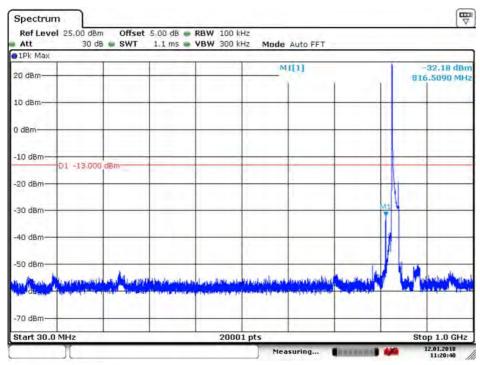
Report No.: SZEM180200138703

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Date: 12.JAN.2018 11:21:22

6.1.1.1.2 Test Channel = MCH

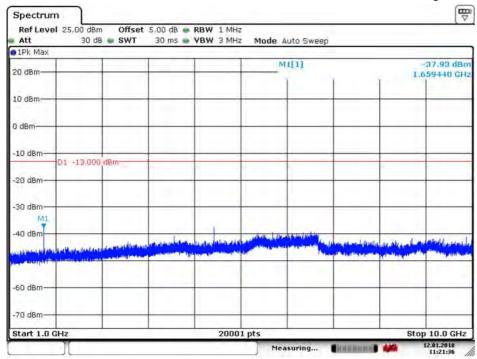


Date: 12.JAN.2018 11:20:41



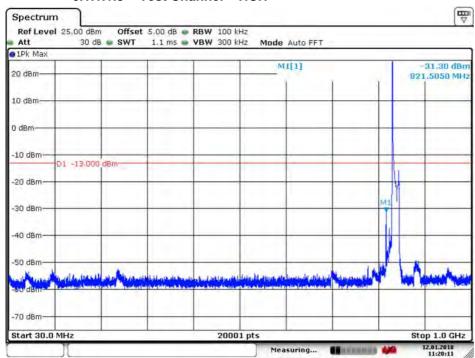
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Date: 12.JAN.2018 11:21:36

6.1.1.1.3 Test Channel = HCH

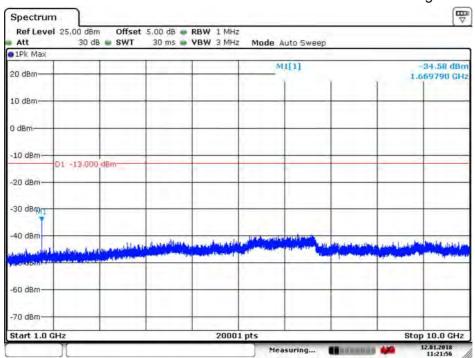


Date: 12.JAN.2018 11:20:12



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Date: 12.JAN.2018 11:21:56



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7 Field Strength of Spurious Radiation

7.1 For LTE

7.1.1 Test Band = LTE band26

Diversity antenna

7.1.1.1 Test Mode =LTE/TM1 15MHz RB1#0

7.1.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
39.426667	-76.45	-13.00	63.45	Vertical
69.386667	-75.78	-13.00	62.78	Vertical
397.080000	-77.96	-13.00	64.96	Vertical
1303.000000	-67.01	-13.00	54.01	Vertical
4024.237500	-67.71	-13.00	54.71	Vertical
7284.150000	-65.15	-13.00	52.15	Vertical
63.506667	-76.03	-13.00	63.03	Horizontal
610.508333	-77.05	-13.00	64.05	Horizontal
1199.000000	-66.99	-13.00	53.99	Horizontal
2706.500000	-57.56	-13.00	44.56	Horizontal
4285.537500	-66.82	-13.00	53.82	Horizontal
9265.350000	-63.95	-13.00	50.95	Horizontal

7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
39.426667	-77.11	-13.00	64.11	Vertical
65.560000	-77.05	-13.00	64.05	Vertical
599.645833	-74.96	-13.00	61.96	Vertical
2397.000000	-59.01	-13.00	46.01	Vertical
4298.212500	-67.05	-13.00	54.05	Vertical
6833.700000	-65.26	-13.00	52.26	Vertical
63.086667	-77.22	-13.00	64.22	Horizontal
184.420000	-83.98	-13.00	70.98	Horizontal
621.508333	-76.78	-13.00	63.78	Horizontal
2771.000000	-57.43	-13.00	44.43	Horizontal
4194.862500	-67.32	-13.00	54.32	Horizontal
9243.412500	-64.02	-13.00	51.02	Horizontal



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7.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
39.800000	-76.49	-13.00	63.49	Vertical
69.340000	-77.08	-13.00	64.08	Vertical
600.425000	-75.20	-13.00	62.20	Vertical
1267.500000	-66.40	-13.00	53.40	Vertical
3995.962500	-68.05	-13.00	55.05	Vertical
6497.812500	-64.88	-13.00	51.88	Vertical
63.273333	-76.77	-13.00	63.77	Horizontal
601.479167	-76.98	-13.00	63.98	Horizontal
1128.500000	-67.13	-13.00	54.13	Horizontal
2743.000000	-57.36	-13.00	44.36	Horizontal
4647.750000	-67.11	-13.00	54.11	Horizontal
6580.200000	-65.48	-13.00	52.48	Horizontal

Main antenna

7.1.1.2 Test Mode =LTE/TM1 15MHz RB1#0

7.1.1.2.1 Test Channel = LCH

7.1.1.2.1 Test onamici = 2011					
Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization	
40.173333	-74.42	-13.00	61.42	Vertical	
66.866667	-75.83	-13.00	62.83	Vertical	
200.426667	-74.58	-13.00	61.58	Vertical	
2661.500000	-57.45	-13.00	44.45	Vertical	
3298.350000	-67.45	-13.00	54.45	Vertical	
4947.562500	-65.56	-13.00	52.56	Vertical	
65.046667	-76.16	-13.00	63.16	Horizontal	
203.133333	-77.63	-13.00	64.63	Horizontal	
1128.000000	-67.03	-13.00	54.03	Horizontal	
2104.000000	-62.44	-13.00	49.44	Horizontal	
4947.075000	-56.47	-13.00	43.47	Horizontal	
7245.150000	-64.94	-13.00	51.94	Horizontal	



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7.1.1.2.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
65.980000	-80.52	-13.00	67.52	Vertical
611.150000	-80.03	-13.00	67.03	Vertical
1085.500000	-63.38	-13.00	50.38	Vertical
2881.500000	-57.12	-13.00	44.12	Vertical
4992.412500	-63.85	-13.00	50.85	Vertical
6585.562500	-64.92	-13.00	51.92	Vertical
63.506667	-78.00	-13.00	65.00	Horizontal
469.891667	-77.21	-13.00	64.21	Horizontal
1279.000000	-67.27	-13.00	54.27	Horizontal
2589.000000	-54.87	-13.00	41.87	Horizontal
4992.412500	-64.14	-13.00	51.14	Horizontal
9707.025000	-64.57	-13.00	51.57	Horizontal

7.1.1.2.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
39.520000	-75.91	-13.00	62.91	Vertical
70.740000	-76.14	-13.00	63.14	Vertical
207.240000	-74.78	-13.00	61.78	Vertical
2671.500000	-57.42	-13.00	44.42	Vertical
3357.825000	-67.99	-13.00	-13.00 54.99	
5037.262500	-64.05	-13.00	51.05	Vertical
64.393333	-76.11	-13.00	63.11	Horizontal
205.793333	-76.90	-13.00	63.90	Horizontal
621.920833	-77.94	-13.00	64.94	Horizontal
2815.500000	-57.18	-13.00	44.18	Horizontal
5037.262500	-62.90	-13.00	49.90	Horizontal
9265.350000	-64.01	-13.00	51.01	Horizontal

NOTE:

1) All modes are tested, but the data presented above is the worst case the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.



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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	-2.76	-0.00332	PASS
		LCH	TN	VN	3.42	0.00411	PASS
				VH	-5.73	-0.00689	PASS
				VL	-1.36	-0.00163	PASS
	LTE/TM1 15MHz	MCH	TN	VN	-2.60	-0.00311	PASS
				VH	1.32	0.00158	PASS
				VL	-5.37	-0.00638	PASS
		HCH	TN	VN	-4.92	-0.00585	PASS
				VH	-1.85	-0.00220	PASS
				VL	-4.32	-0.00520	PASS
	LTE/TM2 15MHz	LCH	TN	VN	-3.34	-0.00402	PASS
				VH	-4.14	-0.00498	PASS
		МСН	TN	VL	5.20	0.00622	PASS
LTE band26				VN	-3.99	-0.00477	PASS
				VH	6.63	0.00793	PASS
		НСН	TN	VL	-3.01	-0.00358	PASS
				VN	-2.10	-0.00250	PASS
				VH	3.11	0.00370	PASS
			TN	VL	4.20	0.00505	PASS
		LCH		VN	3.90	0.00469	PASS
				VH	-1.34	-0.00161	PASS
				VL	0.25	0.00030	PASS
	LTE/TM3 15MHz	MCH	TN	VN	3.09	0.00369	PASS
				VH	-3.57	-0.00427	PASS
				VL	4.29	0.00510	PASS
		HCH	TN	VN	1.89	0.00225	PASS
				VH	4.67	0.00555	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	-4.36	-0.00524	PASS
				-20	-2.33	-0.00280	PASS
				-10	-2.76	-0.00332	PASS
				0	1.43	0.00172	PASS
		LCH	VN	10	1.26	0.00152	PASS
				20	0.52	0.00063	PASS
				30	-0.66	-0.00079	PASS
				40	-2.74	-0.00330	PASS
				50	-6.06	-0.00729	PASS
				-30	-5.42	-0.00648	PASS
	LTE/TM1 15MHz	МСН	VN	-20	-5.26	-0.00629	PASS
				-10	-3.62	-0.00433	PASS
				0	-1.35	-0.00161	PASS
LTE band26				10	-2.77	-0.00331	PASS
				20	-0.19	-0.00023	PASS
				30	-3.79	-0.00453	PASS
				40	-4.78	-0.00571	PASS
				50	-5.42	-0.00648	PASS
				-30	-6.86	-0.00815	PASS
				-20	-3.34	-0.00397	PASS
				-10	0.99	0.00118	PASS
				0	-2.20	-0.00261	PASS
		HCH	VN	10	2.48	0.00295	PASS
				20	-0.33	-0.00039	PASS
				30	-2.45	-0.00291	PASS
				40	-4.32	-0.00513	PASS
				50	-3.86	-0.00459	PASS



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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	-3.64	-0.00438	PASS
				-20	-2.44	-0.00293	PASS
				-10	1.25	0.00150	PASS
				0	2.26	0.00272	PASS
		LCH	VN	10	1.78	0.00214	PASS
				20	-0.84	-0.00101	PASS
				30	-3.06	-0.00368	PASS
				40	2.23	0.00268	PASS
				50	-4.82	-0.00580	PASS
				-30	-3.35	-0.00401	PASS
		МСН	VN	-20	-2.62	-0.00313	PASS
				-10	-2.11	-0.00252	PASS
				0	-1.87	-0.00224	PASS
LTE band26	LTE/TM2 15MHz			10	-0.69	-0.00082	PASS
				20	1.33	0.00159	PASS
				30	-2.39	-0.00286	PASS
				40	-6.68	-0.00799	PASS
				50	-5.23	-0.00625	PASS
				-30	-3.63	-0.00431	PASS
				-20	-4.70	-0.00559	PASS
				-10	2.39	0.00284	PASS
				0	-3.78	-0.00449	PASS
		HCH	VN	10	2.76	0.00328	PASS
				20	-1.69	-0.00201	PASS
				30	-3.89	-0.00462	PASS
				40	-4.90	-0.00582	PASS
				50	-4.83	-0.00574	PASS



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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	-3.68	-0.00443	PASS
				-20	-2.40	-0.00289	PASS
				-10	3.25	0.00391	PASS
				0	1.26	0.00152	PASS
		LCH	VN	10	1.98	0.00238	PASS
				20	-4.84	-0.00582	PASS
				30	-2.06	-0.00248	PASS
				40	2.93	0.00352	PASS
				50	-4.87	-0.00586	PASS
				-30	-5.35	-0.00640	PASS
		МСН	VN	-20	-2.92	-0.00349	PASS
				-10	-2.71	-0.00324	PASS
				0	-1.37	-0.00164	PASS
LTE band26	LTE/TM3 15MHz			10	-4.69	-0.00561	PASS
				20	1.63	0.00195	PASS
				30	-2.32	-0.00277	PASS
				40	-6.63	-0.00793	PASS
				50	-3.23	-0.00386	PASS
				-30	-2.63	-0.00313	PASS
				-20	-4.79	-0.00569	PASS
				-10	2.32	0.00276	PASS
				0	-3.75	-0.00446	PASS
		HCH	VN	10	2.46	0.00292	PASS
				20	-1.99	-0.00236	PASS
				30	-4.89	-0.00581	PASS
				40	-1.90	-0.00226	PASS
				50	-0.83	-0.00099	PASS

The End