

Appendix I

Test Results of LTE Band 41

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1. Conducted Output Power and EIRP

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
5.0	QPSK	Low	1	0	22.25	0.12	22.37	33.00	Pass
				13	22.34	0.12	22.46		Pass
				24	22.32	0.12	22.44		Pass
			12	0	21.30	0.12	21.42		Pass
				6	21.35	0.12	21.47		Pass
				11	21.39	0.12	21.51		Pass
			25	0	21.30	0.12	21.42		Pass
		Mid	1	0	22.25	0.12	22.37		Pass
				13	22.33	0.12	22.45		Pass
				24	22.29	0.12	22.41		Pass
			12	0	21.33	0.12	21.45		Pass
				6	21.37	0.12	21.49		Pass
				11	21.37	0.12	21.49		Pass
			25	0	21.40	0.12	21.52		Pass
		High	1	0	22.23	0.12	22.35		Pass
				13	22.30	0.12	22.42		Pass
				24	22.23	0.12	22.35		Pass
			12	0	21.26	0.12	21.38		Pass
				6	21.31	0.12	21.43		Pass
				11	21.23	0.12	21.35		Pass
			25	0	21.28	0.12	21.40		Pass
	16QAM	Low	1	0	21.73	0.12	21.85	33.00	Pass
				13	21.88	0.12	22.00		Pass
				24	21.81	0.12	21.93		Pass
			12	0	20.51	0.12	20.63		Pass
				6	20.54	0.12	20.66		Pass
				11	20.54	0.12	20.66		Pass
			25	0	20.43	0.12	20.55		Pass
		Mid	1	0	21.71	0.12	21.83		Pass
				13	21.80	0.12	21.92		Pass
				24	21.75	0.12	21.87		Pass
			12	0	20.54	0.12	20.66		Pass
				6	20.58	0.12	20.70		Pass
				11	20.54	0.12	20.66		Pass
			25	0	20.49	0.12	20.61		Pass
		High	1	0	21.66	0.12	21.78		Pass
				13	21.71	0.12	21.83		Pass
				24	21.62	0.12	21.74		Pass
			12	0	20.36	0.12	20.48		Pass
				6	20.39	0.12	20.51		Pass
				11	20.38	0.12	20.50		Pass
			25	0	20.41	0.12	20.53		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
5.0	64QAM	Low	1	0	20.69	0.12	20.81	33.00	Pass
				13	20.81	0.12	20.93		Pass
				24	20.77	0.12	20.89		Pass
			12	0	19.37	0.12	19.49		Pass
				6	19.44	0.12	19.56		Pass
				11	19.43	0.12	19.55		Pass
			25	0	19.35	0.12	19.47		Pass
		Mid	1	0	21.06	0.12	21.18		Pass
				13	21.10	0.12	21.22		Pass
				24	21.09	0.12	21.21		Pass
			12	0	19.56	0.12	19.68		Pass
				6	19.66	0.12	19.78		Pass
				11	19.62	0.12	19.74		Pass
			25	0	19.45	0.12	19.57		Pass
		High	1	0	20.47	0.12	20.59		Pass
				13	20.55	0.12	20.67		Pass
				24	20.43	0.12	20.55		Pass
			12	0	19.37	0.12	19.49		Pass
				6	19.46	0.12	19.58		Pass
				11	19.44	0.12	19.56		Pass
			25	0	19.44	0.12	19.56		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
10	QPSK	Low	1	0	22.19	0.12	22.31	33.00	Pass
				25	22.26	0.12	22.38		Pass
				49	22.28	0.12	22.40		Pass
			25	0	21.31	0.12	21.43		Pass
				13	21.36	0.12	21.48		Pass
				25	21.34	0.12	21.46		Pass
			50	0	21.36	0.12	21.48		Pass
		Mid	1	0	22.30	0.12	22.42		Pass
				25	22.37	0.12	22.49		Pass
				49	22.36	0.12	22.48		Pass
			25	0	21.40	0.12	21.52		Pass
				13	21.38	0.12	21.50		Pass
				25	21.38	0.12	21.50		Pass
			50	0	21.40	0.12	21.52		Pass
		High	1	0	22.85	0.12	22.97		Pass
				25	22.26	0.12	22.38		Pass
				49	22.77	0.12	22.89		Pass
			25	0	21.48	0.12	21.60		Pass
				13	21.34	0.12	21.46		Pass
				25	21.44	0.12	21.56		Pass
			50	0	21.48	0.12	21.60		Pass
	16QAM	Low	1	0	21.56	0.12	21.68	33.00	Pass
				25	21.68	0.12	21.80		Pass
				49	21.69	0.12	21.81		Pass
			25	0	20.43	0.12	20.55		Pass
				13	20.47	0.12	20.59		Pass
				25	20.44	0.12	20.56		Pass
			50	0	20.45	0.12	20.57		Pass
		Mid	1	0	21.86	0.12	21.98		Pass
				25	21.92	0.12	22.04		Pass
				49	21.91	0.12	22.03		Pass
			25	0	20.49	0.12	20.61		Pass
				13	20.52	0.12	20.64		Pass
				25	20.50	0.12	20.62		Pass
			50	0	20.53	0.12	20.65		Pass
		High	1	0	22.35	0.12	22.47		Pass
				25	21.78	0.12	21.90		Pass
				49	22.31	0.12	22.43		Pass
			25	0	20.65	0.12	20.77		Pass
				13	20.50	0.12	20.62		Pass
				25	20.60	0.12	20.72		Pass
			50	0	20.66	0.12	20.78		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
10	64QAM	Low	1	0	18.96	0.12	19.08	33.00	Pass
				25	20.25	0.12	20.37		Pass
				49	20.25	0.12	20.37		Pass
			25	0	19.50	0.12	19.62		Pass
				13	19.53	0.12	19.65		Pass
				25	19.52	0.12	19.64		Pass
			50	0	19.47	0.12	19.59		Pass
		Mid	1	0	21.02	0.12	21.14		Pass
				25	21.06	0.12	21.18		Pass
				49	21.04	0.12	21.16		Pass
			25	0	19.49	0.12	19.61		Pass
				13	19.48	0.12	19.60		Pass
				25	19.49	0.12	19.61		Pass
			50	0	19.49	0.12	19.61		Pass
		High	1	0	21.23	0.12	21.35		Pass
				25	20.69	0.12	20.81		Pass
				49	21.20	0.12	21.32		Pass
			25	0	19.60	0.12	19.72		Pass
				13	19.42	0.12	19.54		Pass
				25	19.57	0.12	19.69		Pass
			50	0	19.61	0.12	19.73		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
15	QPSK	Low	1	0	22.20	0.12	22.32	33.00	Pass
				38	22.32	0.12	22.44		Pass
				74	22.29	0.12	22.41		Pass
			36	0	21.31	0.12	21.43		Pass
				18	21.37	0.12	21.49		Pass
				39	21.37	0.12	21.49		Pass
			75	0	21.32	0.12	21.44		Pass
		Mid	1	0	22.30	0.12	22.42		Pass
				38	22.41	0.12	22.53		Pass
				74	22.36	0.12	22.48		Pass
			36	0	21.30	0.12	21.42		Pass
				18	21.39	0.12	21.51		Pass
				39	21.33	0.12	21.45		Pass
			75	0	21.32	0.12	21.44		Pass
		High	1	0	22.14	0.12	22.26		Pass
				38	22.28	0.12	22.40		Pass
				74	22.16	0.12	22.28		Pass
			36	0	21.20	0.12	21.32		Pass
				18	21.30	0.12	21.42		Pass
				39	21.26	0.12	21.38		Pass
			75	0	21.25	0.12	21.37		Pass
	16QAM	Low	1	0	21.58	0.12	21.70	33.00	Pass
				38	21.69	0.12	21.81		Pass
				74	21.68	0.12	21.80		Pass
			36	0	20.37	0.12	20.49		Pass
				18	20.45	0.12	20.57		Pass
				39	20.42	0.12	20.54		Pass
			75	0	20.42	0.12	20.54		Pass
		Mid	1	0	21.86	0.12	21.98		Pass
				38	21.94	0.12	22.06		Pass
				74	21.92	0.12	22.04		Pass
			36	0	20.38	0.12	20.50		Pass
				18	20.48	0.12	20.60		Pass
				39	20.43	0.12	20.55		Pass
			75	0	20.43	0.12	20.55		Pass
		High	1	0	21.61	0.12	21.73		Pass
				38	21.72	0.12	21.84		Pass
				74	21.61	0.12	21.73		Pass
			36	0	20.37	0.12	20.49		Pass
				18	20.40	0.12	20.52		Pass
				39	20.40	0.12	20.52		Pass
			75	0	20.37	0.12	20.49		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
15	64QAM	Low	1	0	20.17	0.12	20.29	33.00	Pass
				38	20.28	0.12	20.40		Pass
				74	20.28	0.12	20.40		Pass
			36	0	19.45	0.12	19.57		Pass
				18	19.51	0.12	19.63		Pass
				39	19.54	0.12	19.66		Pass
			75	0	19.40	0.12	19.52		Pass
		Mid	1	0	20.96	0.12	21.08		Pass
				38	21.06	0.12	21.18		Pass
				74	21.03	0.12	21.15		Pass
			36	0	19.50	0.12	19.62		Pass
				18	19.59	0.12	19.71		Pass
				39	19.54	0.12	19.66		Pass
			75	0	19.48	0.12	19.60		Pass
		High	1	0	20.43	0.12	20.55		Pass
				38	20.59	0.12	20.71		Pass
				74	20.44	0.12	20.56		Pass
			36	0	19.34	0.12	19.46		Pass
				18	19.38	0.12	19.50		Pass
				39	19.40	0.12	19.52		Pass
			75	0	19.42	0.12	19.54		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
20	QPSK	Low	1	0	22.22	0.12	22.34	33.00	Pass
				50	22.37	0.12	22.49		Pass
				99	22.35	0.12	22.47		Pass
			50	0	21.30	0.12	21.42		Pass
				25	21.38	0.12	21.50		Pass
				50	21.41	0.12	21.53		Pass
			100	0	21.37	0.12	21.49		Pass
		Mid	1	0	22.28	0.12	22.40		Pass
				50	22.37	0.12	22.49		Pass
				99	22.34	0.12	22.46		Pass
			50	0	21.34	0.12	21.46		Pass
				25	21.37	0.12	21.49		Pass
				50	21.38	0.12	21.50		Pass
			100	0	21.36	0.12	21.48		Pass
		High	1	0	23.28	0.12	23.40		Pass
				50	22.31	0.12	22.43		Pass
				99	22.31	0.12	22.43		Pass
			50	0	21.30	0.12	21.42		Pass
				25	21.34	0.12	21.46		Pass
				50	21.24	0.12	21.36		Pass
			100	0	21.28	0.12	21.40		Pass
	16QAM	Low	1	0	21.59	0.12	21.71	33.00	Pass
				50	21.79	0.12	21.91		Pass
				99	21.75	0.12	21.87		Pass
			50	0	20.39	0.12	20.51		Pass
				25	20.44	0.12	20.56		Pass
				50	20.45	0.12	20.57		Pass
			100	0	20.43	0.12	20.55		Pass
		Mid	1	0	21.54	0.12	21.66		Pass
				50	21.68	0.12	21.80		Pass
				99	21.61	0.12	21.73		Pass
			50	0	20.50	0.12	20.62		Pass
				25	20.53	0.12	20.65		Pass
				50	20.52	0.12	20.64		Pass
			100	0	20.46	0.12	20.58		Pass
		High	1	0	22.55	0.12	22.67		Pass
				50	21.60	0.12	21.72		Pass
				99	21.60	0.12	21.72		Pass
			50	0	20.42	0.12	20.54		Pass
				25	20.45	0.12	20.57		Pass
				50	20.37	0.12	20.49		Pass
			100	0	20.41	0.12	20.53		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
20	64QAM	Low	1	0	20.92	0.12	21.04	33.00	Pass
				50	21.05	0.12	21.17		Pass
				99	21.06	0.12	21.18		Pass
			50	0	19.44	0.12	19.56		Pass
				25	19.53	0.12	19.65		Pass
				50	19.54	0.12	19.66		Pass
			100	0	19.49	0.12	19.61		Pass
		Mid	1	0	20.52	0.12	20.64		Pass
				50	20.63	0.12	20.75		Pass
				99	20.59	0.12	20.71		Pass
			50	0	19.52	0.12	19.64		Pass
				25	19.51	0.12	19.63		Pass
				50	19.55	0.12	19.67		Pass
			100	0	19.49	0.12	19.61		Pass
		High	1	0	21.54	0.12	21.66		Pass
				50	20.58	0.12	20.70		Pass
				99	20.58	0.12	20.70		Pass
			50	0	19.45	0.12	19.57		Pass
				25	19.50	0.12	19.62		Pass
				50	19.39	0.12	19.51		Pass
			100	0	19.44	0.12	19.56		Pass

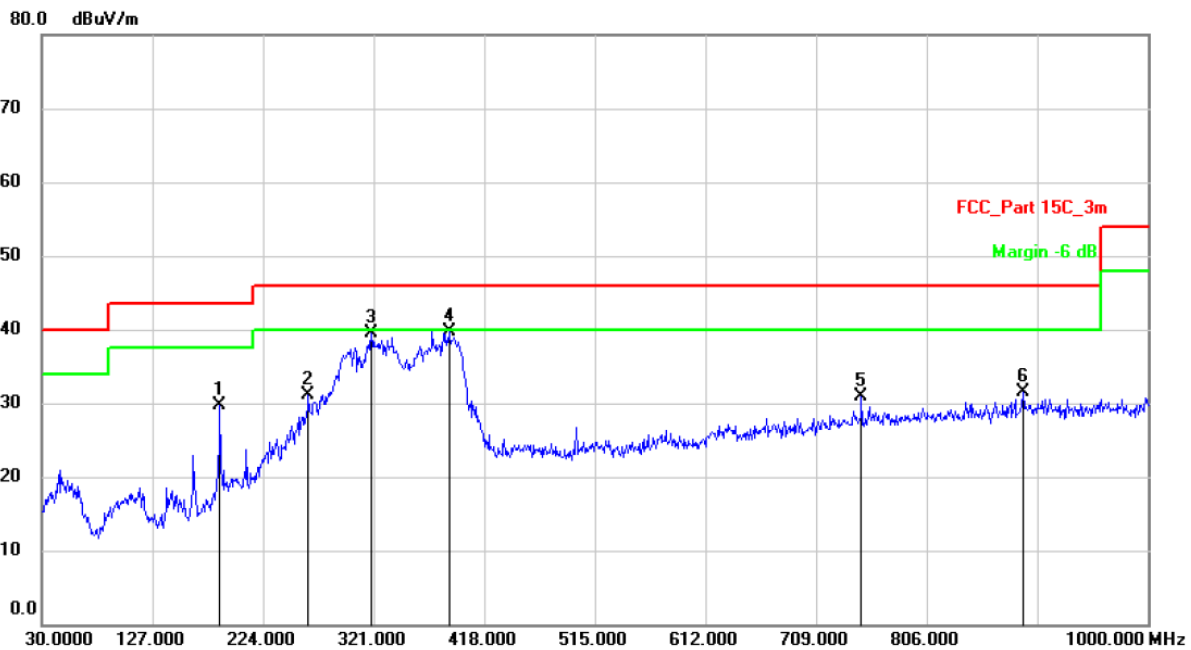
2. Field Strength of Spurious Radiation

M/N: SC138-NA	Testing Voltage: DC 3.8V
Polarization: Horizontal	Detector: QP
Test Mode: TX	Distance: 3m

Radiated Emission Measurement

Date: 2025/12/8

Time: 23:08:08



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		186.1700	40.03	-10.35	29.68	43.50	-13.82	QP	
2		263.7700	38.56	-7.51	31.05	46.00	-14.95	QP	
3		319.0600	45.70	-6.26	39.44	46.00	-6.56	QP	
4	*	386.9600	44.36	-4.70	39.66	46.00	-6.34	QP	
5		748.7700	28.89	2.03	30.92	46.00	-15.08	QP	
6		890.3900	27.52	3.94	31.46	46.00	-14.54	QP	

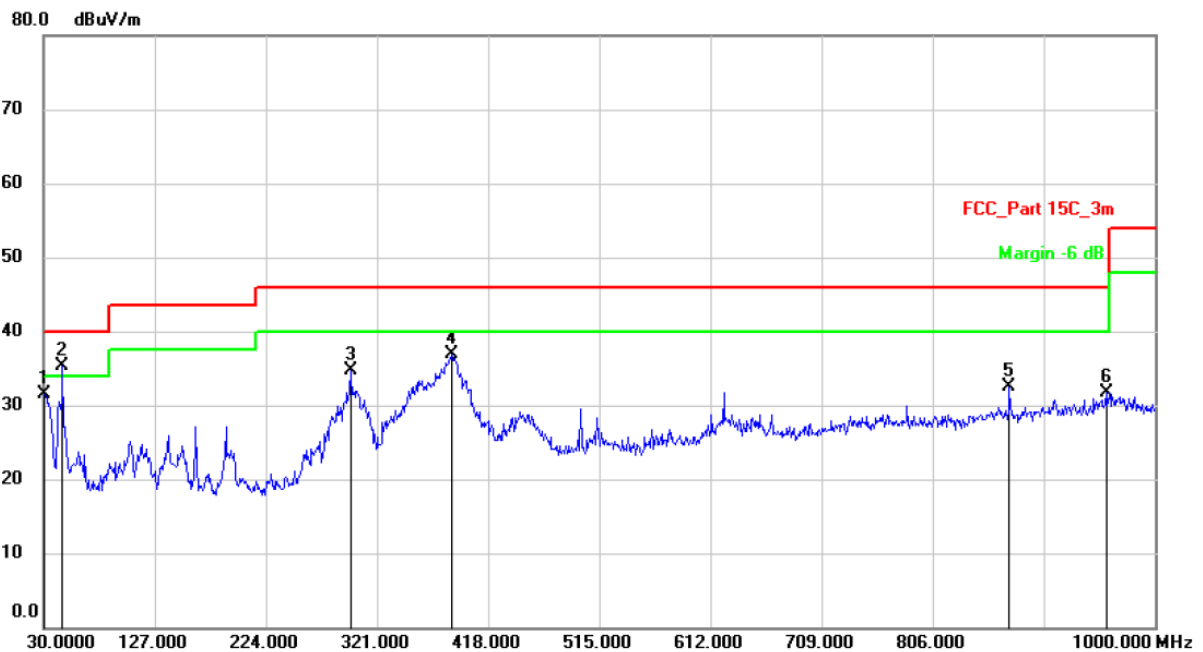
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

M/N: SC138-NA	Testing Voltage: DC 3.8V
Polarization: Vertical	Detector: QP
Test Mode: TX	Distance: 3m

Radiated Emission Measurement

Date: 2025/12/8

Time: 23:15:33



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		30.9700	41.98	-10.54	31.44	40.00	-8.56	QP	
2	*	46.4900	42.80	-7.51	35.29	40.00	-4.71	QP	
3		297.7200	41.55	-6.84	34.71	46.00	-11.29	QP	
4		385.9900	41.60	-4.72	36.88	46.00	-9.12	QP	
5		872.9300	28.78	3.80	32.58	46.00	-13.42	QP	
6		957.3200	27.51	4.26	31.77	46.00	-14.23	QP	

Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

LTE Band 41 / 20M / QPSK					
Channel	Frequency (MHz)	Polarization (H/V)	Meas. Level (dBm)	Limit (dBm)	Margin (dBm)
Lowest	5012.000	H	-46.27	-13	-33.27
	7518.000	H	-40.89	-13	-27.89

	5012.000	V	-46.10	-13	-33.10
	7518.000	V	-40.97	-13	-27.97

Middle	5186.000	H	-45.72	-13	-32.72
	7779.000	H	-41.54	-13	-28.54

	5186.000	V	-46.83	-13	-33.83
	7779.000	V	-42.55	-13	-29.55

Highest	5360.000	H	-44.15	-13	-31.15
	8040.000	H	-40.85	-13	-27.85

	5360.000	V	-47.53	-13	-34.53
	8040.000	V	-41.65	-13	-28.65

Note: 1. Spurious emissions within 30-1000MHz and other emissions were found more than 20dB below limit line.
2. Only the worst case was recorded in the report.

---End---