

Appendix I

Test Results of LTE Band 14

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1. Conducted Output Power and ERP

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
5.0	QPSK	Low	1	0	22.45	3.94	24.24	34.77	Pass
				13	22.48	3.94	24.27		Pass
				24	22.51	3.94	24.30		Pass
			12	0	21.46	3.94	23.25		Pass
				6	21.58	3.94	23.37		Pass
				11	21.54	3.94	23.33		Pass
			25	0	21.58	3.94	23.37		Pass
		Mid	1	0	22.45	3.94	24.24		Pass
				13	22.60	3.94	24.39		Pass
				24	22.52	3.94	24.31		Pass
			12	0	21.56	3.94	23.35		Pass
				6	21.57	3.94	23.36		Pass
				11	21.54	3.94	23.33		Pass
			25	0	21.50	3.94	23.29		Pass
		High	1	0	22.61	3.94	24.40		Pass
				13	22.63	3.94	24.42		Pass
				24	22.58	3.94	24.37		Pass
			12	0	21.51	3.94	23.30		Pass
				6	21.53	3.94	23.32		Pass
				11	21.48	3.94	23.27		Pass
			25	0	21.49	3.94	23.28		Pass
	16QAM	Low	1	0	21.64	3.94	23.43	34.77	Pass
				13	21.66	3.94	23.45		Pass
				24	21.71	3.94	23.50		Pass
			12	0	20.59	3.94	22.38		Pass
				6	20.69	3.94	22.48		Pass
				11	20.66	3.94	22.45		Pass
			25	0	20.58	3.94	22.37		Pass
		Mid	1	0	21.63	3.94	23.42		Pass
				13	21.80	3.94	23.59		Pass
				24	21.69	3.94	23.48		Pass
			12	0	20.67	3.94	22.46		Pass
				6	20.71	3.94	22.50		Pass
				11	20.68	3.94	22.47		Pass
			25	0	20.58	3.94	22.37		Pass
		High	1	0	22.09	3.94	23.88		Pass
				13	22.13	3.94	23.92		Pass
				24	22.04	3.94	23.83		Pass
			12	0	20.70	3.94	22.49		Pass
				6	20.74	3.94	22.53		Pass
				11	20.68	3.94	22.47		Pass
			25	0	20.60	3.94	22.39		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
5.0	64QAM	Low	1	0	20.77	3.94	22.56	34.77	Pass
				13	20.80	3.94	22.59		Pass
				24	20.85	3.94	22.64		Pass
			12	0	19.60	3.94	21.39		Pass
				6	19.71	3.94	21.50		Pass
				11	19.68	3.94	21.47		Pass
			25	0	19.63	3.94	21.42		Pass
		Mid	1	0	20.46	3.94	22.25		Pass
				13	20.60	3.94	22.39		Pass
				24	20.51	3.94	22.30		Pass
			12	0	19.68	3.94	21.47		Pass
				6	19.68	3.94	21.47		Pass
				11	19.65	3.94	21.44		Pass
			25	0	19.61	3.94	21.40		Pass
		High	1	0	20.89	3.94	22.68		Pass
				13	20.91	3.94	22.70		Pass
				24	20.80	3.94	22.59		Pass
			12	0	19.57	3.94	21.36		Pass
				6	19.54	3.94	21.33		Pass
				11	19.50	3.94	21.29		Pass
			25	0	19.58	3.94	21.37		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
10	QPSK	Mid	1	0	22.43	3.94	24.22	34.77	Pass
				25	22.47	3.94	24.26		Pass
				49	22.43	3.94	24.22		Pass
			25	0	21.58	3.94	23.37		Pass
				13	21.57	3.94	23.36		Pass
				25	21.53	3.94	23.32		Pass
			50	0	21.53	3.94	23.32		Pass
	16QAM	Mid	1	0	21.44	3.94	23.23		Pass
				25	21.50	3.94	23.29		Pass
				49	21.42	3.94	23.21		Pass
			25	0	20.64	3.94	22.43		Pass
				13	20.63	3.94	22.42		Pass
				25	20.57	3.94	22.36		Pass
			50	0	20.60	3.94	22.39		Pass
	16QAM	Mid	1	0	20.71	3.94	22.50		Pass
				25	20.71	3.94	22.50		Pass
				49	20.68	3.94	22.47		Pass
			25	0	19.73	3.94	21.52		Pass
				13	19.72	3.94	21.51		Pass
				25	19.64	3.94	21.43		Pass
			50	0	19.59	3.94	21.38		Pass

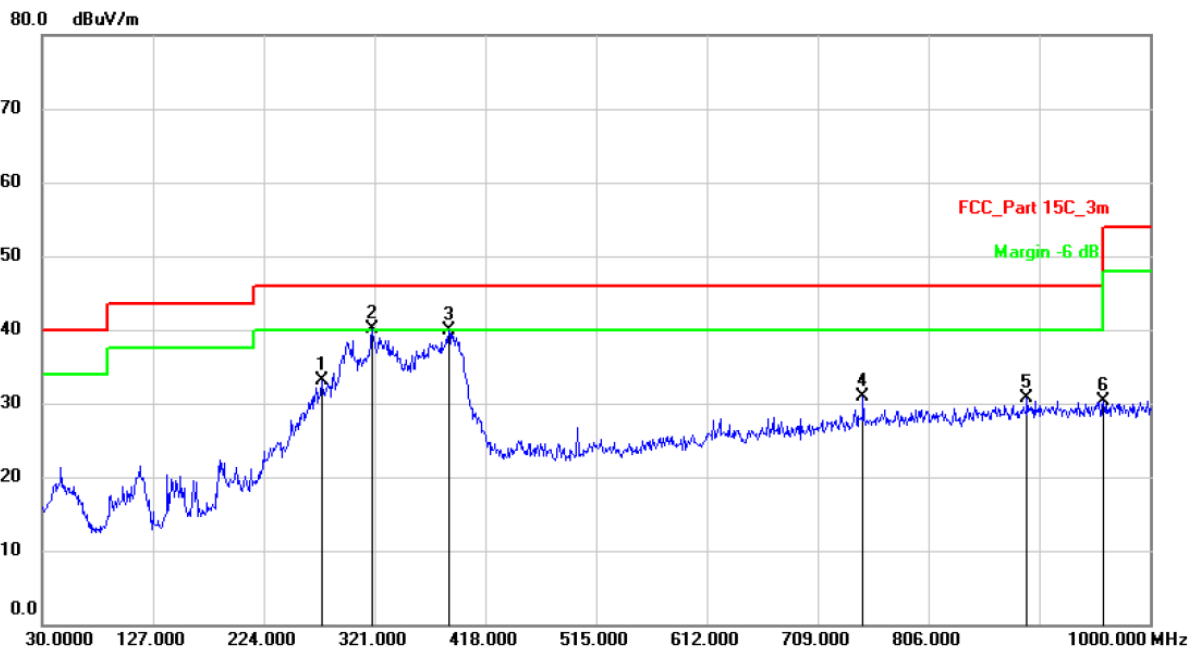
2. Field Strength of Spurious Radiation

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: 18:49:32



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		274.4400	40.40	-7.30	33.10	46.00	-12.90	QP	
2	*	319.0600	46.40	-6.26	40.14	46.00	-5.86	QP	
3		385.9900	44.53	-4.72	39.81	46.00	-6.19	QP	
4		748.7700	28.84	2.03	30.87	46.00	-15.13	QP	
5		892.3300	26.77	3.95	30.72	46.00	-15.28	QP	
6		959.2600	26.13	4.27	30.40	46.00	-15.60	QP	

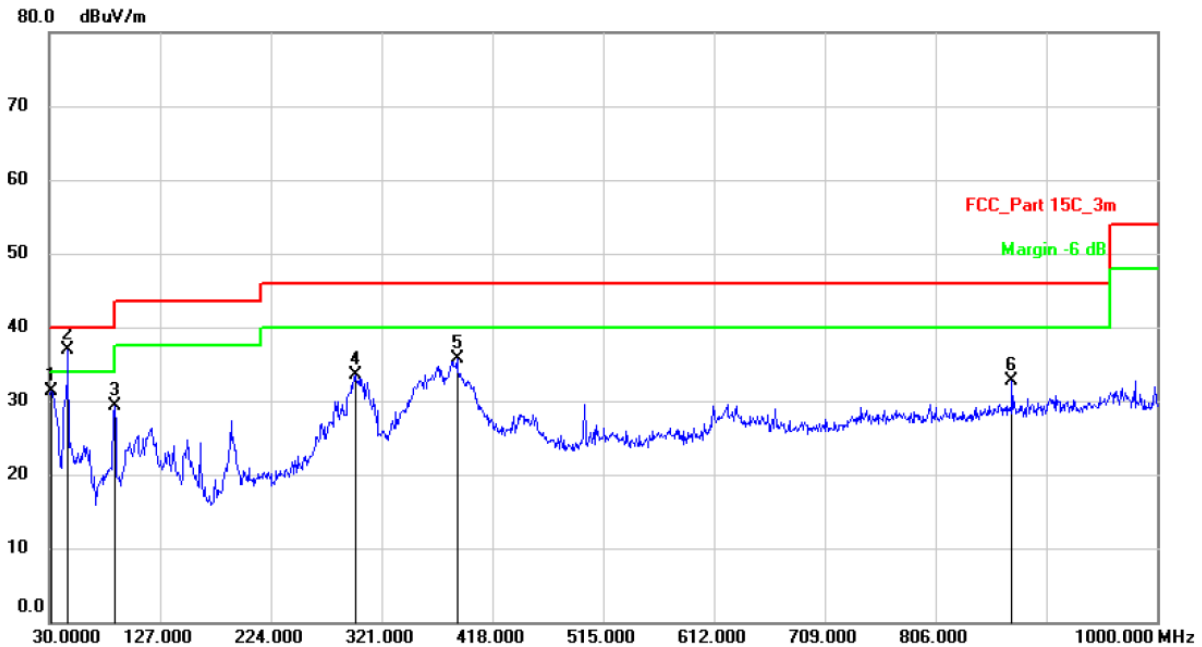
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

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: 18:42:24



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		31.9400	41.73	-10.46	31.27	40.00	-8.73	QP	
2	*	46.4900	44.33	-7.51	36.82	40.00	-3.18	QP	
3		87.2300	41.22	-11.99	29.23	40.00	-10.77	QP	
4		297.7200	40.43	-6.84	33.59	46.00	-12.41	QP	
5		386.9600	40.43	-4.70	35.73	46.00	-10.27	QP	
6		872.9300	28.92	3.80	32.72	46.00	-13.28	QP	

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

LTE Band 14 / 10M / QPSK					
Channel	Frequency (MHz)	Polarization (H/V)	Meas. Level (dBm)	Limit (dBm)	Margin (dBm)
Middle	1418.000	H	-55.37	-13	-42.37
	2127.000	H	-52.19	-13	-39.19

	1418.000	V	-55.07	-13	-42.07
	2127.000	V	-52.36	-13	-39.36

Note: Only the worst case was recorded in the report.

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