

Appendix I

Test Results of LTE Band 13

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1. Conducted Output Power and EIRP

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	22.52	3.00	23.37	34.77	Pass
				13	22.56	3.00	23.41		Pass
				24	22.56	3.00	23.41		Pass
			12	0	21.49	3.00	22.34		Pass
				6	21.63	3.00	22.48		Pass
				11	21.65	3.00	22.50		Pass
			25	0	21.59	3.00	22.44		Pass
		Mid	1	0	22.53	3.00	23.38		Pass
				13	22.68	3.00	23.53		Pass
				24	22.58	3.00	23.43		Pass
			12	0	21.64	3.00	22.49		Pass
				6	21.64	3.00	22.49		Pass
				11	21.59	3.00	22.44		Pass
			25	0	21.61	3.00	22.46		Pass
		High	1	0	22.64	3.00	23.49		Pass
				13	22.70	3.00	23.55		Pass
				24	22.60	3.00	23.45		Pass
			12	0	21.60	3.00	22.45		Pass
				6	21.59	3.00	22.44		Pass
				11	21.56	3.00	22.41		Pass
			25	0	21.57	3.00	22.42		Pass
	16QAM	Low	1	0	21.79	3.00	22.64	34.77	Pass
				13	21.70	3.00	22.55		Pass
				24	21.75	3.00	22.60		Pass
			12	0	20.58	3.00	21.43		Pass
				6	20.78	3.00	21.63		Pass
				11	20.72	3.00	21.57		Pass
			25	0	20.64	3.00	21.49		Pass
		Mid	1	0	21.69	3.00	22.54		Pass
				13	21.85	3.00	22.70		Pass
				24	21.77	3.00	22.62		Pass
			12	0	20.76	3.00	21.61		Pass
				6	20.75	3.00	21.60		Pass
				11	20.75	3.00	21.60		Pass
			25	0	20.67	3.00	21.52		Pass
		High	1	0	22.13	3.00	22.98		Pass
				13	22.18	3.00	23.03		Pass
				24	22.08	3.00	22.93		Pass
			12	0	20.78	3.00	21.63		Pass
				6	20.79	3.00	21.64		Pass
				11	20.77	3.00	21.62		Pass
			25	0	20.73	3.00	21.58		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	20.91	3.00	21.76	34.77	Pass
				13	20.90	3.00	21.75		Pass
				24	20.90	3.00	21.75		Pass
			12	0	19.60	3.00	20.45		Pass
				6	19.77	3.00	20.62		Pass
				11	19.78	3.00	20.63		Pass
			25	0	19.71	3.00	20.56		Pass
		Mid	1	0	20.52	3.00	21.37		Pass
				13	20.65	3.00	21.50		Pass
				24	20.56	3.00	21.41		Pass
			12	0	19.78	3.00	20.63		Pass
				6	19.76	3.00	20.61		Pass
				11	19.70	3.00	20.55		Pass
			25	0	19.68	3.00	20.53		Pass
		High	1	0	20.94	3.00	21.79		Pass
				13	20.97	3.00	21.82		Pass
				24	20.90	3.00	21.75		Pass
			12	0	19.65	3.00	20.50		Pass
				6	19.64	3.00	20.49		Pass
				11	19.62	3.00	20.47		Pass
			25	0	19.62	3.00	20.47		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	22.53	3.00	23.38	34.77	Pass
				25	22.56	3.00	23.41		Pass
				49	22.52	3.00	23.37		Pass
			25	0	21.62	3.00	22.47		Pass
				13	21.64	3.00	22.49		Pass
				25	21.60	3.00	22.45		Pass
			50	0	21.61	3.00	22.46		Pass
	16QAM	Mid	1	0	21.53	3.00	22.38		Pass
				25	21.54	3.00	22.39		Pass
				49	21.47	3.00	22.32		Pass
			25	0	20.70	3.00	21.55		Pass
				13	20.68	3.00	21.53		Pass
				25	20.66	3.00	21.51		Pass
			50	0	20.64	3.00	21.49		Pass
	64QAM	Mid	1	0	20.81	3.00	21.66		Pass
				25	20.81	3.00	21.66		Pass
				49	20.74	3.00	21.59		Pass
			25	0	19.79	3.00	20.64		Pass
				13	19.81	3.00	20.66		Pass
				25	19.71	3.00	20.56		Pass
			50	0	19.68	3.00	20.53		Pass

2. Field Strength of Spurious Radiation

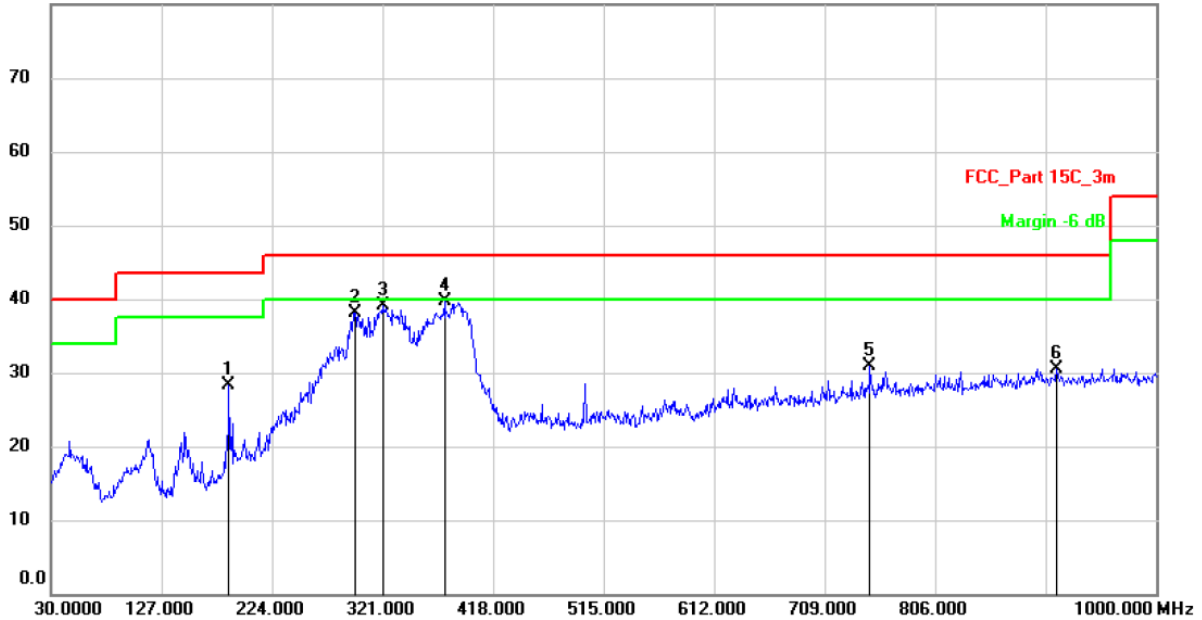
M/N: SC138-NA	Testing Voltage: DC 3.8V
Polarization: Horizontal	Detector: QP
Test Mode: TX	Distance: 3m

Radiated Emission Measurement

Date: 2025/12/8

Time: 18:00:35

80.0 dBuV/m



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		186.1700	38.71	-10.35	28.36	43.50	-15.14	QP	
2		296.7500	45.05	-6.87	38.18	46.00	-7.82	QP	
3		321.0000	45.35	-6.20	39.15	46.00	-6.85	QP	
4	*	375.3200	44.58	-4.94	39.64	46.00	-6.36	QP	
5		748.7700	28.81	2.03	30.84	46.00	-15.16	QP	
6		912.7000	26.53	4.04	30.57	46.00	-15.43	QP	

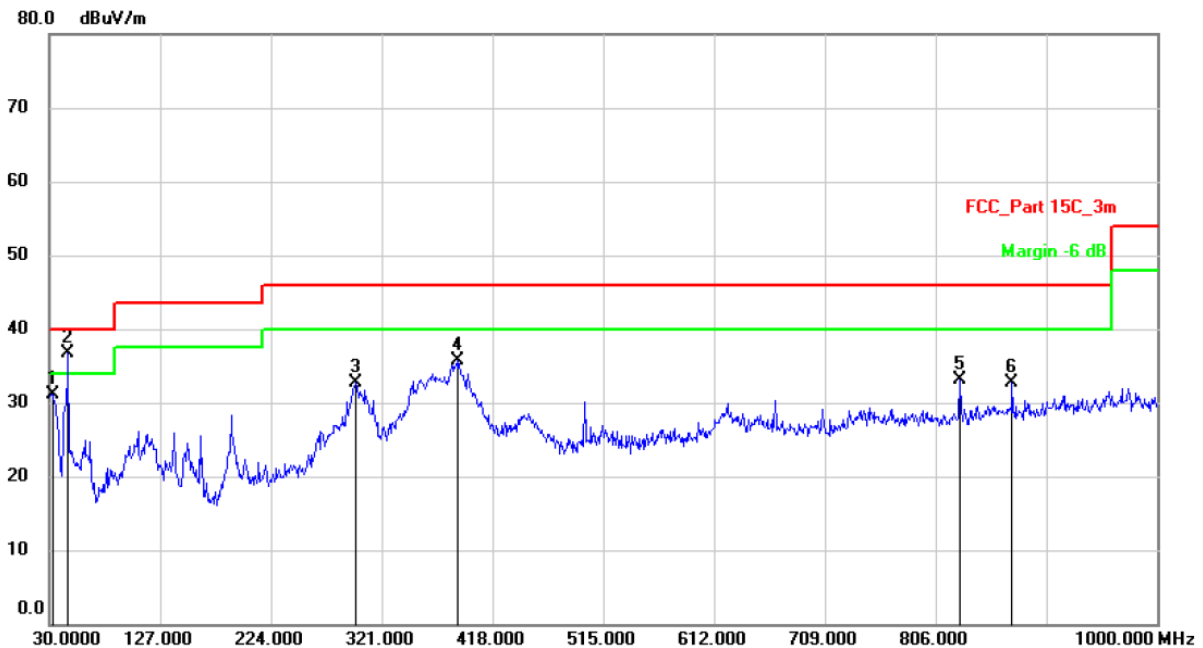
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

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: 18:07:03



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		32.9100	41.55	-10.38	31.17	40.00	-8.83	QP	
2	*	46.4900	44.12	-7.51	36.61	40.00	-3.39	QP	
3		297.7200	39.52	-6.84	32.68	46.00	-13.32	QP	
4		386.9600	40.47	-4.70	35.77	46.00	-10.23	QP	
5		827.3400	29.90	3.22	33.12	46.00	-12.88	QP	
6		872.9300	28.87	3.80	32.67	46.00	-13.33	QP	

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

LTE Band 13 / 10M / QPSK					
Channel	Frequency (MHz)	Polarization (H/V)	Meas. Level (dBm)	Limit (dBm)	Margin (dBm)
Middle	1564	H	-55.46	-13	-42.46
	2346	H	-52.63	-13	-39.63

	1564	V	-55.18	-13	-42.18
	2346	V	-52.91	-13	-39.91

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

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