

Appendix I

Test Results of LTE Band 5

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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					
1.4	QPSK	Low	1	0	22.33	4.21	24.39	38.45	Pass
				2	22.39	4.21	24.45		Pass
				5	22.35	4.21	24.41		Pass
			3	0	22.38	4.21	24.44		Pass
				1	22.43	4.21	24.49		Pass
				2	22.40	4.21	24.46		Pass
			6	0	21.34	4.21	23.40		Pass
		Mid	1	0	22.44	4.21	24.50		Pass
				2	22.43	4.21	24.49		Pass
				5	22.40	4.21	24.46		Pass
			3	0	22.42	4.21	24.48		Pass
				1	22.45	4.21	24.51		Pass
				2	22.39	4.21	24.45		Pass
			6	0	21.34	4.21	23.40		Pass
		High	1	0	22.40	4.21	24.46		Pass
				2	22.43	4.21	24.49		Pass
				5	22.39	4.21	24.45		Pass
			3	0	22.46	4.21	24.52		Pass
				1	22.52	4.21	24.58		Pass
				2	22.46	4.21	24.52		Pass
			6	0	21.35	4.21	23.41		Pass
	16QAM	Low	1	0	21.49	4.21	23.55	38.45	Pass
				2	21.55	4.21	23.61		Pass
				5	21.55	4.21	23.61		Pass
			3	0	21.66	4.21	23.72		Pass
				1	21.74	4.21	23.80		Pass
				2	21.68	4.21	23.74		Pass
			6	0	20.62	4.21	22.68		Pass
		Mid	1	0	21.60	4.21	23.66		Pass
				2	21.68	4.21	23.74		Pass
				5	21.61	4.21	23.67		Pass
			3	0	21.58	4.21	23.64		Pass
				1	21.66	4.21	23.72		Pass
				2	21.61	4.21	23.67		Pass
			6	0	20.64	4.21	22.70		Pass
		High	1	0	21.85	4.21	23.91		Pass
				2	21.89	4.21	23.95		Pass
				5	21.84	4.21	23.90		Pass
			3	0	21.76	4.21	23.82		Pass
				1	21.81	4.21	23.87		Pass
				2	21.71	4.21	23.77		Pass
			6	0	20.39	4.21	22.45		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
1.4	64QAM	Low	1	0	20.58	4.21	17.52	38.45	Pass
				2	20.67	4.21	17.55		Pass
				5	20.58	4.21	17.41		Pass
			3	0	20.64	4.21	17.35		Pass
				1	20.71	4.21	17.32		Pass
				2	20.65	4.21	17.24		Pass
			6	0	19.77	4.21	16.37		Pass
		Mid	1	0	20.63	4.21	16.97		Pass
				2	20.70	4.21	17.20		Pass
				5	20.72	4.21	17.13		Pass
			3	0	20.49	4.21	17.19		Pass
				1	20.55	4.21	17.25		Pass
				2	20.50	4.21	17.35		Pass
			6	0	19.61	4.21	16.33		Pass
		High	1	0	20.97	4.21	17.32		Pass
				2	20.99	4.21	17.62		Pass
				5	20.88	4.21	17.31		Pass
			3	0	20.91	4.21	17.20		Pass
				1	20.98	4.21	17.22		Pass
				2	20.90	4.21	17.25		Pass
			6	0	19.51	4.21	16.58		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
3.0	QPSK	Low	1	0	22.42	4.21	24.48	38.45	Pass
				7	22.49	4.21	24.55		Pass
				14	22.42	4.21	24.48		Pass
			8	0	21.44	4.21	23.50		Pass
				4	21.45	4.21	23.51		Pass
				7	21.43	4.21	23.49		Pass
			15	0	21.48	4.21	23.54		Pass
		Mid	1	0	22.46	4.21	24.52		Pass
				7	22.54	4.21	24.60		Pass
				14	22.43	4.21	24.49		Pass
			8	0	21.44	4.21	23.50		Pass
				4	21.47	4.21	23.53		Pass
				7	21.47	4.21	23.53		Pass
			15	0	21.46	4.21	23.52		Pass
		High	1	0	22.42	4.21	24.48		Pass
				7	22.48	4.21	24.54		Pass
				14	22.39	4.21	24.45		Pass
			8	0	21.45	4.21	23.51		Pass
				4	21.48	4.21	23.54		Pass
				7	21.44	4.21	23.50		Pass
			15	0	21.48	4.21	23.54		Pass
	16QAM	Low	1	0	21.49	4.21	23.55	38.45	Pass
				7	21.54	4.21	23.60		Pass
				14	21.43	4.21	23.49		Pass
			8	0	20.64	4.21	22.70		Pass
				4	20.68	4.21	22.74		Pass
				7	20.60	4.21	22.66		Pass
			15	0	20.58	4.21	22.64		Pass
		Mid	1	0	21.96	4.21	24.02		Pass
				7	22.00	4.21	24.06		Pass
				14	21.91	4.21	23.97		Pass
			8	0	20.64	4.21	22.70		Pass
				4	20.67	4.21	22.73		Pass
				7	20.60	4.21	22.66		Pass
			15	0	20.61	4.21	22.67		Pass
		High	1	0	21.59	4.21	23.65		Pass
				7	21.64	4.21	23.70		Pass
				14	21.55	4.21	23.61		Pass
			8	0	20.60	4.21	22.66		Pass
				4	20.64	4.21	22.70		Pass
				7	20.59	4.21	22.65		Pass
			15	0	20.56	4.21	22.62		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
3.0	64QAM	Low	1	0	20.89	4.21	22.95	38.45	Pass
				7	20.97	4.21	23.03		Pass
				14	20.87	4.21	22.93		Pass
			8	0	19.62	4.21	21.68		Pass
				4	19.66	4.21	21.72		Pass
				7	19.61	4.21	21.67		Pass
			15	0	19.58	4.21	21.64		Pass
		Mid	1	0	20.67	4.21	22.73		Pass
				7	20.78	4.21	22.84		Pass
				14	20.68	4.21	22.74		Pass
			8	0	19.64	4.21	21.70		Pass
				4	19.69	4.21	21.75		Pass
				7	19.61	4.21	21.67		Pass
			15	0	19.67	4.21	21.73		Pass
		High	1	0	20.79	4.21	22.85		Pass
				7	20.83	4.21	22.89		Pass
				14	20.75	4.21	22.81		Pass
			8	0	19.57	4.21	21.63		Pass
				4	19.61	4.21	21.67		Pass
				7	19.56	4.21	21.62		Pass
			15	0	19.69	4.21	21.75		Pass

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	22.55	4.21	24.61	38.45	Pass
				13	22.60	4.21	24.66		Pass
				24	22.52	4.21	24.58		Pass
			12	0	21.46	4.21	23.52		Pass
				6	21.48	4.21	23.54		Pass
				11	21.46	4.21	23.52		Pass
			25	0	21.48	4.21	23.54		Pass
		Mid	1	0	22.47	4.21	24.53		Pass
				13	22.48	4.21	24.54		Pass
				24	22.44	4.21	24.50		Pass
			12	0	21.52	4.21	23.58		Pass
				6	21.52	4.21	23.58		Pass
				11	21.51	4.21	23.57		Pass
			25	0	21.53	4.21	23.59		Pass
		High	1	0	22.56	4.21	24.62		Pass
				13	22.54	4.21	24.60		Pass
				24	22.50	4.21	24.56		Pass
			12	0	21.54	4.21	23.60		Pass
				6	21.55	4.21	23.61		Pass
				11	21.55	4.21	23.61		Pass
			25	0	21.54	4.21	23.60		Pass
	16QAM	Low	1	0	21.77	4.21	23.83	38.45	Pass
				13	21.74	4.21	23.80		Pass
				24	21.66	4.21	23.72		Pass
			12	0	20.63	4.21	22.69		Pass
				6	20.64	4.21	22.70		Pass
				11	20.62	4.21	22.68		Pass
			25	0	20.61	4.21	22.67		Pass
		Mid	1	0	22.08	4.21	24.14		Pass
				13	22.11	4.21	24.17		Pass
				24	22.08	4.21	24.14		Pass
			12	0	20.76	4.21	22.82		Pass
				6	20.76	4.21	22.82		Pass
				11	20.72	4.21	22.78		Pass
			25	0	20.64	4.21	22.70		Pass
		High	1	0	21.70	4.21	23.76		Pass
				13	21.72	4.21	23.78		Pass
				24	21.70	4.21	23.76		Pass
			12	0	20.70	4.21	22.76		Pass
				6	20.71	4.21	22.77		Pass
				11	20.69	4.21	22.75		Pass
			25	0	20.57	4.21	22.63		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	20.50	4.21	22.56	38.45	Pass
				13	20.55	4.21	22.61		Pass
				24	20.46	4.21	22.52		Pass
			12	0	19.61	4.21	21.67		Pass
				6	19.60	4.21	21.66		Pass
				11	19.59	4.21	21.65		Pass
			25	0	19.55	4.21	21.61		Pass
		Mid	1	0	20.91	4.21	22.97		Pass
				13	20.94	4.21	23.00		Pass
				24	20.88	4.21	22.94		Pass
			12	0	19.60	4.21	21.66		Pass
				6	19.60	4.21	21.66		Pass
				11	19.60	4.21	21.66		Pass
			25	0	19.61	4.21	21.67		Pass
		High	1	0	20.88	4.21	22.94		Pass
				13	20.90	4.21	22.96		Pass
				24	20.85	4.21	22.91		Pass
			12	0	19.73	4.21	21.79		Pass
				6	19.76	4.21	21.82		Pass
				11	19.72	4.21	21.78		Pass
			25	0	19.70	4.21	21.76		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
10	QPSK	Low	1	0	22.45	4.21	24.51	38.45	Pass
				25	22.38	4.21	24.44		Pass
				49	22.46	4.21	24.52		Pass
			25	0	21.50	4.21	23.56		Pass
				13	21.58	4.21	23.64		Pass
				25	21.53	4.21	23.59		Pass
			50	0	21.57	4.21	23.63		Pass
		Mid	1	0	22.54	4.21	24.60		Pass
				25	22.44	4.21	24.50		Pass
				49	22.43	4.21	24.49		Pass
			25	0	21.54	4.21	23.60		Pass
				13	21.52	4.21	23.58		Pass
				25	21.50	4.21	23.56		Pass
			50	0	21.51	4.21	23.57		Pass
		High	1	0	22.42	4.21	24.48		Pass
				25	22.44	4.21	24.50		Pass
				49	22.38	4.21	24.44		Pass
			25	0	21.45	4.21	23.51		Pass
				13	21.55	4.21	23.61		Pass
				25	21.50	4.21	23.56		Pass
			50	0	21.44	4.21	23.50		Pass
	16QAM	Low	1	0	21.50	4.21	23.56	38.45	Pass
				25	21.43	4.21	23.49		Pass
				49	21.46	4.21	23.52		Pass
			25	0	20.56	4.21	22.62		Pass
				13	20.69	4.21	22.75		Pass
				25	20.68	4.21	22.74		Pass
			50	0	20.63	4.21	22.69		Pass
		Mid	1	0	21.96	4.21	24.02		Pass
				25	21.89	4.21	23.95		Pass
				49	21.82	4.21	23.88		Pass
			25	0	20.65	4.21	22.71		Pass
				13	20.68	4.21	22.74		Pass
				25	20.59	4.21	22.65		Pass
			50	0	20.62	4.21	22.68		Pass
		High	1	0	21.49	4.21	23.55		Pass
				25	21.46	4.21	23.52		Pass
				49	21.47	4.21	23.53		Pass
			25	0	20.63	4.21	22.69		Pass
				13	20.67	4.21	22.73		Pass
				25	20.66	4.21	22.72		Pass
			50	0	20.56	4.21	22.62		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
10	64QAM	Low	1	0	20.79	4.21	22.85	38.45	Pass
				25	20.71	4.21	22.77		Pass
				49	20.72	4.21	22.78		Pass
			25	0	19.67	4.21	21.73		Pass
				13	19.78	4.21	21.84		Pass
				25	19.79	4.21	21.85		Pass
			50	0	19.68	4.21	21.74		Pass
		Mid	1	0	20.97	4.21	23.03		Pass
				25	20.91	4.21	22.97		Pass
				49	20.80	4.21	22.86		Pass
			25	0	19.74	4.21	21.80		Pass
				13	19.72	4.21	21.78		Pass
				25	19.69	4.21	21.75		Pass
			50	0	19.68	4.21	21.74		Pass
		High	1	0	20.74	4.21	22.80		Pass
				25	20.71	4.21	22.77		Pass
				49	20.68	4.21	22.74		Pass
			25	0	19.65	4.21	21.71		Pass
				13	19.77	4.21	21.83		Pass
				25	19.77	4.21	21.83		Pass
			50	0	19.66	4.21	21.72		Pass

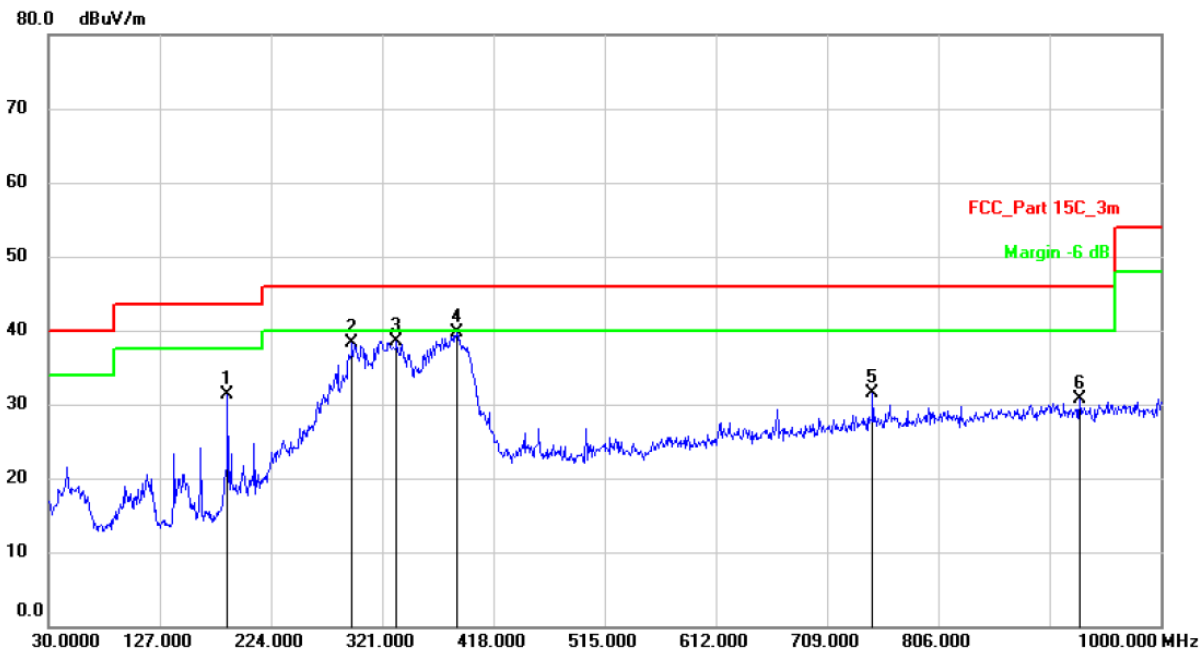
2. Field Strength of Spurious Radiation

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: 16:29:14



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	41.57	-10.35	31.22	43.50	-12.28	QP	
2		294.8100	45.22	-6.92	38.30	46.00	-7.70	QP	
3		333.6099	44.33	-5.77	38.56	46.00	-7.44	QP	
4	*	385.9900	44.37	-4.72	39.65	46.00	-6.35	QP	
5		748.7700	29.46	2.03	31.49	46.00	-14.51	QP	
6		929.1900	26.68	4.10	30.78	46.00	-15.22	QP	

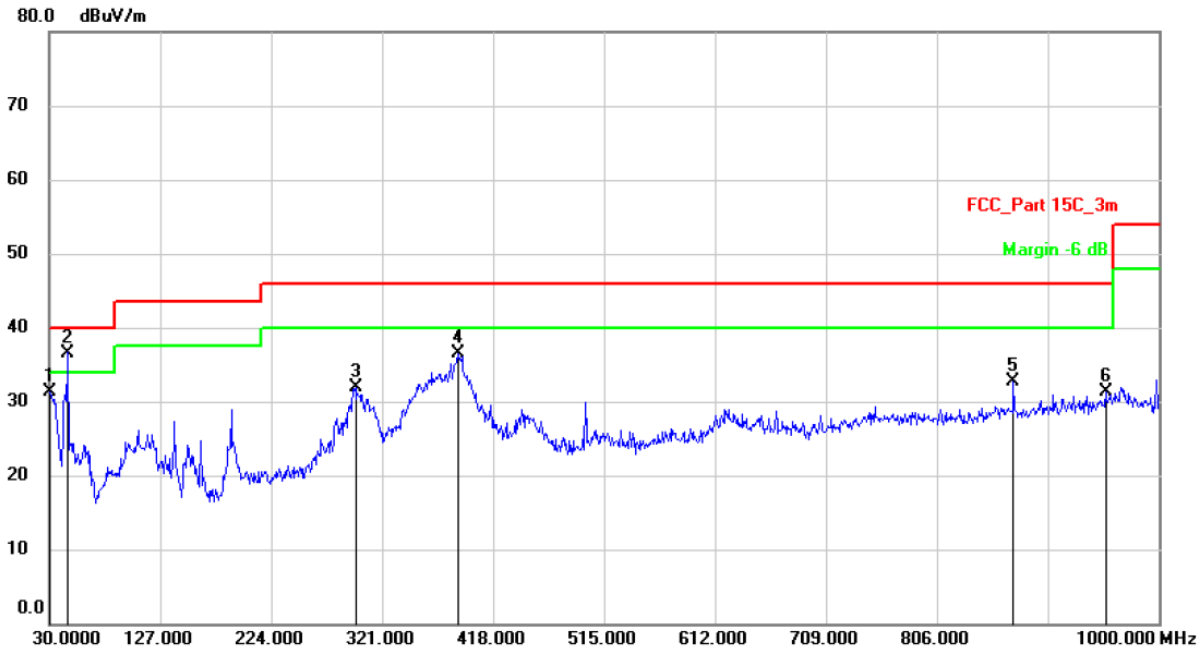
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

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: 16:22:52



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	41.83	-10.54	31.29	40.00	-8.71	QP	
2	*	46.4900	44.11	-7.51	36.60	40.00	-3.40	QP	
3		297.7200	38.66	-6.84	31.82	46.00	-14.18	QP	
4		386.9600	41.18	-4.70	36.48	46.00	-9.52	QP	
5		872.9300	28.87	3.80	32.67	46.00	-13.33	QP	
6		953.4400	27.16	4.24	31.40	46.00	-14.60	QP	

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

LTE Band 5 / 10M / QPSK					
Channel	Frequency (MHz)	Polarization (H/V)	Meas. Level (dBm)	Limit (dBm)	Margin (dBm)
Lowest	1658.000	H	-53.48	-13	-40.48
	2487.000	H	-49.94	-13	-36.94

	1658.000	V	-54.28	-13	-41.28
	2487.000	V	-40.58	-13	-27.58

Middle	1673.000	H	-54.41	-13	-41.41
	2509.500	H	-49.74	-13	-36.74

	1673.000	V	-53.99	-13	-40.99
	2509.500	V	-50.60	-13	-37.60

Highest	1688.000	H	-54.25	-13	-41.25
	2532.000	H	-50.58	-13	-37.58

	1688.000	V	-53.91	-13	-40.91
	2532.000	V	-51.70	-13	-38.70

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---