

Appendix I

Test Results of LTE Band 71

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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	22.57	2.05	24.62	33.00	Pass
				13	22.60	2.05	24.65		Pass
				24	22.67	2.05	24.72		Pass
			12	0	21.54	2.05	23.59		Pass
				6	21.57	2.05	23.62		Pass
				11	21.62	2.05	23.67		Pass
			25	0	21.63	2.05	23.68		Pass
		Mid	1	0	22.72	2.05	24.77		Pass
				13	22.78	2.05	24.83		Pass
				24	22.67	2.05	24.72		Pass
			12	0	21.66	2.05	23.71		Pass
				6	21.63	2.05	23.68		Pass
				11	21.60	2.05	23.65		Pass
			25	0	21.62	2.05	23.67		Pass
		High	1	0	22.54	2.05	24.59		Pass
				13	22.57	2.05	24.62		Pass
				24	22.53	2.05	24.58		Pass
			12	0	21.60	2.05	23.65		Pass
				6	21.59	2.05	23.64		Pass
				11	21.55	2.05	23.60		Pass
			25	0	21.60	2.05	23.65		Pass
	16QAM	Low	1	0	21.76	2.05	23.81	33.00	Pass
				13	21.74	2.05	23.79		Pass
				24	21.81	2.05	23.86		Pass
			12	0	20.68	2.05	22.73		Pass
				6	20.69	2.05	22.74		Pass
				11	20.79	2.05	22.84		Pass
			25	0	20.67	2.05	22.72		Pass
		Mid	1	0	21.92	2.05	23.97		Pass
				13	21.94	2.05	23.99		Pass
				24	21.88	2.05	23.93		Pass
			12	0	20.87	2.05	22.92		Pass
				6	20.84	2.05	22.89		Pass
				11	20.80	2.05	22.85		Pass
			25	0	20.80	2.05	22.85		Pass
		High	1	0	21.74	2.05	23.79		Pass
				13	21.80	2.05	23.85		Pass
				24	21.74	2.05	23.79		Pass
			12	0	20.78	2.05	22.83		Pass
				6	20.74	2.05	22.79		Pass
				11	20.72	2.05	22.77		Pass
			25	0	20.63	2.05	22.68		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	20.86	2.05	22.91	33.00	Pass
				13	20.88	2.05	22.93		Pass
				24	20.95	2.05	23.00		Pass
			12	0	19.69	2.05	21.74		Pass
				6	19.71	2.05	21.76		Pass
				11	19.80	2.05	21.85		Pass
			25	0	19.75	2.05	21.80		Pass
		Mid	1	0	20.67	2.05	22.72		Pass
				13	20.74	2.05	22.79		Pass
				24	20.65	2.05	22.70		Pass
			12	0	19.85	2.05	21.90		Pass
				6	19.85	2.05	21.90		Pass
				11	19.79	2.05	21.84		Pass
			25	0	19.75	2.05	21.80		Pass
		High	1	0	20.99	2.05	23.04		Pass
				13	21.02	2.05	23.07		Pass
				24	20.91	2.05	22.96		Pass
			12	0	19.66	2.05	21.71		Pass
				6	19.65	2.05	21.70		Pass
				11	19.63	2.05	21.68		Pass
			25	0	19.65	2.05	21.70		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	22.50	2.05	24.55	33.00	Pass
				25	22.58	2.05	24.63		Pass
				49	22.60	2.05	24.65		Pass
			25	0	21.61	2.05	23.66		Pass
				133	21.63	2.05	23.68		Pass
				25	21.67	2.05	23.72		Pass
			50	0	21.57	2.05	23.62		Pass
		Mid	1	0	22.60	2.05	24.65		Pass
				25	22.65	2.05	24.70		Pass
				49	22.59	2.05	24.64		Pass
			25	0	21.65	2.05	23.70		Pass
				133	21.63	2.05	23.68		Pass
				25	21.60	2.05	23.65		Pass
			50	0	21.67	2.05	23.72		Pass
		High	1	0	22.57	2.05	24.62		Pass
				25	22.57	2.05	24.62		Pass
				49	22.55	2.05	24.60		Pass
			25	0	21.56	2.05	23.61		Pass
				133	21.65	2.05	23.70		Pass
				25	21.62	2.05	23.67		Pass
			50	0	21.55	2.05	23.60		Pass
	16QAM	Low	1	0	21.58	2.05	23.63	33.00	Pass
				25	21.62	2.05	23.67		Pass
				49	21.65	2.05	23.70		Pass
			25	0	20.72	2.05	22.77		Pass
				133	20.73	2.05	22.78		Pass
				25	20.80	2.05	22.85		Pass
			50	0	20.70	2.05	22.75		Pass
		Mid	1	0	22.07	2.05	24.12		Pass
				25	22.09	2.05	24.14		Pass
				49	22.03	2.05	24.08		Pass
			25	0	20.82	2.05	22.87		Pass
				133	20.81	2.05	22.86		Pass
				25	20.76	2.05	22.81		Pass
			50	0	20.76	2.05	22.81		Pass
		High	1	0	21.67	2.05	23.72		Pass
				25	21.70	2.05	23.75		Pass
				49	21.62	2.05	23.67		Pass
			25	0	20.72	2.05	22.77		Pass
				133	20.85	2.05	22.90		Pass
				25	20.79	2.05	22.84		Pass
			50	0	20.67	2.05	22.72		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	20.83	2.05	22.88	33.00	Pass
				25	20.86	2.05	22.91		Pass
				49	20.89	2.05	22.94		Pass
			25	0	19.81	2.05	21.86		Pass
				133	19.79	2.05	21.84		Pass
				25	19.85	2.05	21.90		Pass
			50	0	19.72	2.05	21.77		Pass
		Mid	1	0	21.03	2.05	23.08		Pass
				25	21.06	2.05	23.11		Pass
				49	21.00	2.05	23.05		Pass
			25	0	19.84	2.05	21.89		Pass
				133	19.82	2.05	21.87		Pass
				25	19.77	2.05	21.82		Pass
			50	0	19.81	2.05	21.86		Pass
		High	1	0	20.77	2.05	22.82		Pass
				25	20.83	2.05	22.88		Pass
				49	20.78	2.05	22.83		Pass
			25	0	19.75	2.05	21.80		Pass
				133	19.87	2.05	21.92		Pass
				25	19.81	2.05	21.86		Pass
			50	0	19.69	2.05	21.74		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	22.52	2.05	24.57	33.00	Pass
				38	22.54	2.05	24.59		Pass
				74	22.55	2.05	24.60		Pass
			36	0	21.57	2.05	23.62		Pass
				18	21.63	2.05	23.68		Pass
				39	21.59	2.05	23.64		Pass
			75	0	21.61	2.05	23.66		Pass
		Mid	1	0	22.62	2.05	24.67		Pass
				38	22.64	2.05	24.69		Pass
				74	22.56	2.05	24.61		Pass
			36	0	21.64	2.05	23.69		Pass
				18	21.62	2.05	23.67		Pass
				39	21.55	2.05	23.60		Pass
			75	0	21.59	2.05	23.64		Pass
		High	1	0	22.63	2.05	24.68		Pass
				38	22.62	2.05	24.67		Pass
				74	22.54	2.05	24.59		Pass
			36	0	21.54	2.05	23.59		Pass
				18	21.58	2.05	23.63		Pass
				39	21.60	2.05	23.65		Pass
			75	0	21.52	2.05	23.57		Pass
	16QAM	Low	1	0	21.55	2.05	23.60	33.00	Pass
				38	21.57	2.05	23.62		Pass
				74	21.61	2.05	23.66		Pass
			36	0	20.69	2.05	22.74		Pass
				18	20.74	2.05	22.79		Pass
				39	20.71	2.05	22.76		Pass
			75	0	20.75	2.05	22.80		Pass
		Mid	1	0	22.11	2.05	24.16		Pass
				38	22.08	2.05	24.13		Pass
				74	22.00	2.05	24.05		Pass
			36	0	20.84	2.05	22.89		Pass
				18	20.79	2.05	22.84		Pass
				39	20.76	2.05	22.81		Pass
			75	0	20.75	2.05	22.80		Pass
		High	1	0	22.18	2.05	24.23		Pass
				38	22.15	2.05	24.20		Pass
				74	22.05	2.05	24.10		Pass
			36	0	20.66	2.05	22.71		Pass
				18	20.62	2.05	22.67		Pass
				39	20.71	2.05	22.76		Pass
			75	0	20.67	2.05	22.72		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	20.97	2.05	23.02	33.00	Pass
				38	20.99	2.05	23.04		Pass
				74	20.99	2.05	23.04		Pass
			36	0	19.70	2.05	21.75		Pass
				18	19.83	2.05	21.88		Pass
				39	19.78	2.05	21.83		Pass
			75	0	19.80	2.05	21.85		Pass
		Mid	1	0	20.88	2.05	22.93		Pass
				38	20.85	2.05	22.90		Pass
				74	20.76	2.05	22.81		Pass
			36	0	19.85	2.05	21.90		Pass
				18	19.88	2.05	21.93		Pass
				39	19.77	2.05	21.82		Pass
			75	0	19.77	2.05	21.82		Pass
		High	1	0	21.36	2.05	23.41		Pass
				38	21.32	2.05	23.37		Pass
				74	21.28	2.05	23.33		Pass
			36	0	19.68	2.05	21.73		Pass
				18	19.69	2.05	21.74		Pass
				39	19.72	2.05	21.77		Pass
			75	0	19.69	2.05	21.74		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	22.50	2.05	24.55	33.00	Pass
				50	22.59	2.05	24.64		Pass
				99	22.58	2.05	24.63		Pass
			50	0	21.58	2.05	23.63		Pass
				25	21.66	2.05	23.71		Pass
				50	21.65	2.05	23.70		Pass
			100	0	21.60	2.05	23.65		Pass
		Mid	1	0	22.64	2.05	24.69		Pass
				50	22.56	2.05	24.61		Pass
				99	22.59	2.05	24.64		Pass
			50	0	21.67	2.05	23.72		Pass
				25	21.62	2.05	23.67		Pass
				50	21.56	2.05	23.61		Pass
			100	0	21.63	2.05	23.68		Pass
		High	1	0	22.63	2.05	24.68		Pass
				50	22.49	2.05	24.54		Pass
				99	22.49	2.05	24.54		Pass
			50	0	21.59	2.05	23.64		Pass
				25	21.56	2.05	23.61		Pass
				50	21.48	2.05	23.53		Pass
			100	0	21.50	2.05	23.55		Pass
	16QAM	Low	1	0	22.14	2.05	24.19	33.00	Pass
				50	22.23	2.05	24.28		Pass
				99	22.27	2.05	24.32		Pass
			50	0	20.69	2.05	22.74		Pass
				25	20.77	2.05	22.82		Pass
				50	20.80	2.05	22.85		Pass
			100	0	20.74	2.05	22.79		Pass
		Mid	1	0	22.20	2.05	24.25		Pass
				50	22.14	2.05	24.19		Pass
				99	22.14	2.05	24.19		Pass
			50	0	20.83	2.05	22.88		Pass
				25	20.80	2.05	22.85		Pass
				50	20.75	2.05	22.80		Pass
			100	0	20.74	2.05	22.79		Pass
		High	1	0	22.15	2.05	24.20		Pass
				50	22.04	2.05	24.09		Pass
				99	22.02	2.05	24.07		Pass
			50	0	20.69	2.05	22.74		Pass
				25	20.69	2.05	22.74		Pass
				50	20.59	2.05	22.64		Pass
			100	0	20.65	2.05	22.70		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	20.94	2.05	22.99	33.00	Pass
				50	21.03	2.05	23.08		Pass
				99	21.05	2.05	23.10		Pass
			50	0	19.75	2.05	21.80		Pass
				25	19.83	2.05	21.88		Pass
				50	19.88	2.05	21.93		Pass
			100	0	19.78	2.05	21.83		Pass
		Mid	1	0	21.42	2.05	23.47		Pass
				50	21.38	2.05	23.43		Pass
				99	21.33	2.05	23.38		Pass
			50	0	19.85	2.05	21.90		Pass
				25	19.77	2.05	21.82		Pass
				50	19.72	2.05	21.77		Pass
			100	0	19.76	2.05	21.81		Pass
		High	1	0	21.02	2.05	23.07		Pass
				50	20.83	2.05	22.88		Pass
				99	20.85	2.05	22.90		Pass
			50	0	19.78	2.05	21.83		Pass
				25	19.73	2.05	21.78		Pass
				50	19.69	2.05	21.74		Pass
			100	0	19.70	2.05	21.75		Pass

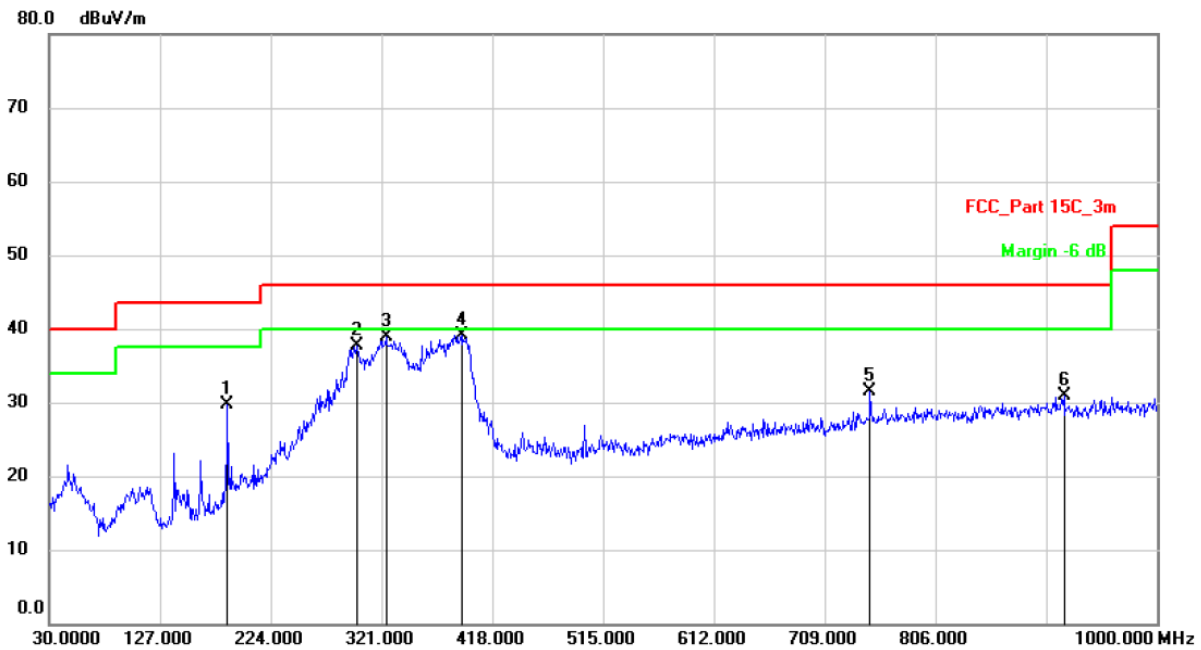
2. Field Strength of Spurious Radiation

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: 22:40:39



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1		186.1700	40.14	-10.35	29.79	43.50	-13.71	QP	
2		299.6600	44.50	-6.80	37.70	46.00	-8.30	QP	
3		324.8800	44.88	-6.07	38.81	46.00	-7.19	QP	
4	*	390.8400	43.68	-4.61	39.07	46.00	-6.93	QP	
5		748.7700	29.44	2.03	31.47	46.00	-14.53	QP	
6		918.5200	26.85	4.05	30.90	46.00	-15.10	QP	

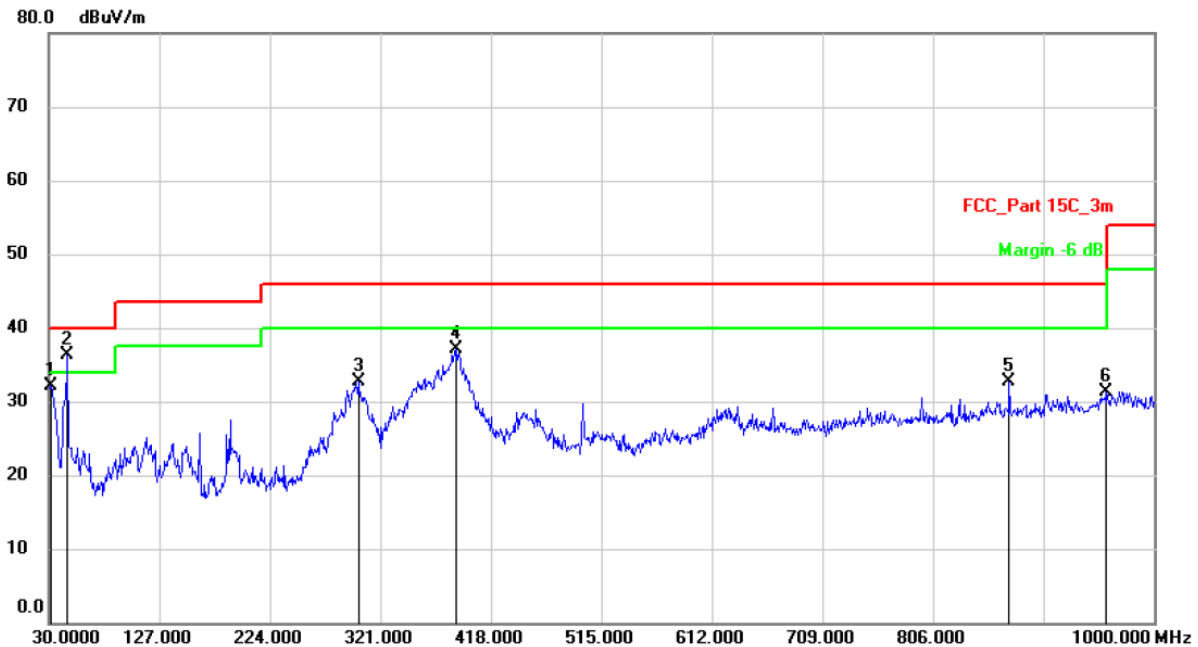
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

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: 22:47:57



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	42.50	-10.46	32.04	40.00	-7.96	QP	
2	*	46.4900	43.88	-7.51	36.37	40.00	-3.63	QP	
3		301.6000	39.51	-6.75	32.76	46.00	-13.24	QP	
4		387.9300	41.81	-4.68	37.13	46.00	-8.87	QP	
5		872.9300	28.93	3.80	32.73	46.00	-13.27	QP	
6		958.2900	27.01	4.27	31.28	46.00	-14.72	QP	

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

LTE Band 71 / 20M / QPSK					
Channel	Frequency (MHz)	Polarization (H/V)	Meas. Level (dBm)	Limit (dBm)	Margin (dBm)
Lowest	1346.000	H	-60.81	-13	-47.81
	2019.000	H	-56.64	-13	-43.64

	1346.000	V	-58.85	-13	-45.85
	2019.000	V	-55.35	-13	-42.35

Middle	1366.000	H	-59.91	-13	-46.91
	2049.000	H	-55.81	-13	-42.81

	1366.000	V	-60.53	-13	-47.53
	2049.000	V	-55.12	-13	-42.12

Highest	1376.000	H	-59.91	-13	-46.91
	2064.000	H	-54.46	-13	-41.46

	1376.000	V	-60.53	-13	-47.53
	2064.000	V	-55.52	-13	-42.52

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---