

Appendix I

Test Results of LTE Band 17

Table of Contents

1. Conducted Output Power and ERP	3
2. Field Strength of Spurious Radiation	7

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	22.53	2.58	22.96	34.77	Pass
				13	22.58	2.58	23.01		Pass
				24	22.61	2.58	23.04		Pass
			12	0	22.57	2.58	23.00		Pass
				6	21.53	2.58	21.96		Pass
				11	21.61	2.58	22.04		Pass
			25	0	21.65	2.58	22.08		Pass
		Mid	1	0	22.65	2.58	23.08		Pass
				13	22.65	2.58	23.08		Pass
				24	22.54	2.58	22.97		Pass
			12	0	21.54	2.58	21.97		Pass
				6	21.56	2.58	21.99		Pass
				11	21.53	2.58	21.96		Pass
			25	0	21.56	2.58	21.99		Pass
		High	1	0	22.68	2.58	23.11		Pass
				13	22.68	2.58	23.11		Pass
				24	22.59	2.58	23.02		Pass
			12	0	21.55	2.58	21.98		Pass
				6	21.58	2.58	22.01		Pass
				11	21.56	2.58	21.99		Pass
			25	0	21.59	2.58	22.02		Pass
	16QAM	Low	1	0	21.79	2.58	22.22	34.77	Pass
				13	21.78	2.58	22.21		Pass
				24	21.81	2.58	22.24		Pass
			12	0	20.73	2.58	21.16		Pass
				6	20.67	2.58	21.10		Pass
				11	20.76	2.58	21.19		Pass
			25	0	20.68	2.58	21.11		Pass
		Mid	1	0	21.89	2.58	22.32		Pass
				13	21.87	2.58	22.30		Pass
				24	21.76	2.58	22.19		Pass
			12	0	20.76	2.58	21.19		Pass
				6	20.78	2.58	21.21		Pass
				11	20.72	2.58	21.15		Pass
			25	0	20.70	2.58	21.13		Pass
		High	1	0	22.19	2.58	22.62		Pass
				13	22.15	2.58	22.58		Pass
				24	22.10	2.58	22.53		Pass
			12	0	20.83	2.58	21.26		Pass
				6	20.83	2.58	21.26		Pass
				11	20.81	2.58	21.24		Pass
			25	0	20.73	2.58	21.16		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	20.93	2.58	21.36	34.77	Pass
				13	20.93	2.58	21.36		Pass
				24	20.97	2.58	21.40		Pass
			12	0	19.72	2.58	20.15		Pass
				6	19.71	2.58	20.14		Pass
				11	19.78	2.58	20.21		Pass
			25	0	19.76	2.58	20.19		Pass
		Mid	1	0	20.64	2.58	21.07		Pass
				13	20.65	2.58	21.08		Pass
				24	20.58	2.58	21.01		Pass
			12	0	19.72	2.58	20.15		Pass
				6	19.71	2.58	20.14		Pass
				11	19.68	2.58	20.11		Pass
			25	0	19.62	2.58	20.05		Pass
		High	1	0	20.98	2.58	21.41		Pass
				13	20.98	2.58	21.41		Pass
				24	20.87	2.58	21.30		Pass
			12	0	19.62	2.58	20.05		Pass
				6	19.66	2.58	20.09		Pass
				11	19.63	2.58	20.06		Pass
			25	0	19.65	2.58	20.08		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	22.54	2.58	22.97	34.77	Pass
				25	22.56	2.58	22.99		Pass
				49	22.49	2.58	22.92		Pass
			25	0	21.66	2.58	22.09		Pass
				13	21.62	2.58	22.05		Pass
				25	21.57	2.58	22.00		Pass
			50	0	21.60	2.58	22.03		Pass
		Mid	1	0	22.54	2.58	22.97		Pass
				25	22.57	2.58	23.00		Pass
				49	22.47	2.58	22.90		Pass
			25	0	21.59	2.58	22.02		Pass
				13	21.61	2.58	22.04		Pass
				25	21.54	2.58	21.97		Pass
			50	0	21.57	2.58	22.00		Pass
		High	1	0	22.53	2.58	22.96		Pass
				25	22.53	2.58	22.96		Pass
				49	22.49	2.58	22.92		Pass
			25	0	21.61	2.58	22.04		Pass
				13	21.63	2.58	22.06		Pass
				25	21.57	2.58	22.00		Pass
			50	0	21.58	2.58	22.01		Pass
	16QAM	Low	1	0	21.58	2.58	22.01	34.77	Pass
				25	21.57	2.58	22.00		Pass
				49	21.47	2.58	21.90		Pass
			25	0	20.70	2.58	21.13		Pass
				13	20.73	2.58	21.16		Pass
				25	20.66	2.58	21.09		Pass
			50	0	20.64	2.58	21.07		Pass
		Mid	1	0	21.96	2.58	22.39		Pass
				25	22.00	2.58	22.43		Pass
				49	21.91	2.58	22.34		Pass
			25	0	20.73	2.58	21.16		Pass
				13	20.75	2.58	21.18		Pass
				25	20.71	2.58	21.14		Pass
			50	0	20.72	2.58	21.15		Pass
		High	1	0	21.68	2.58	22.11		Pass
				25	21.68	2.58	22.11		Pass
				49	21.59	2.58	22.02		Pass
			25	0	20.81	2.58	21.24		Pass
				13	20.80	2.58	21.23		Pass
				25	20.77	2.58	21.20		Pass
			50	0	20.72	2.58	21.15		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
10	16QAM	Low	1	0	20.95	2.58	21.38	34.77	Pass
				25	20.99	2.58	21.42		Pass
				49	20.88	2.58	21.31		Pass
			25	0	19.76	2.58	20.19		Pass
				13	19.75	2.58	20.18		Pass
				25	19.72	2.58	20.15		Pass
			50	0	19.73	2.58	20.16		Pass
				0	20.74	2.58	21.17		Pass
		Mid	1	25	20.77	2.58	21.20		Pass
				49	20.73	2.58	21.16		Pass
				0	19.76	2.58	20.19		Pass
			25	13	19.77	2.58	20.20		Pass
				25	19.76	2.58	20.19		Pass
				0	19.75	2.58	20.18		Pass
		High	1	0	20.76	2.58	21.19		Pass
				25	20.76	2.58	21.19		Pass
				49	20.75	2.58	21.18		Pass
			25	0	19.76	2.58	20.19		Pass
				13	19.80	2.58	20.23		Pass
				25	19.82	2.58	20.25		Pass
			50	0	19.75	2.58	20.18		Pass

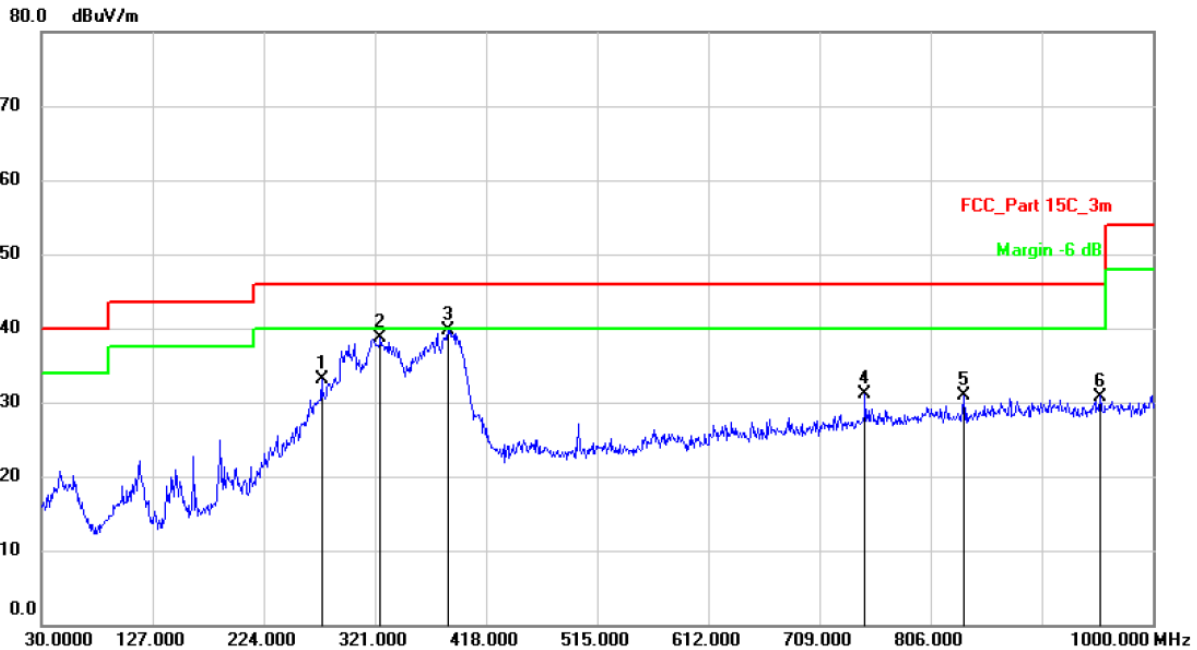
2. Field Strength of Spurious Radiation

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: 19:24:46



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		274.4400	40.45	-7.30	33.15	46.00	-12.85	QP	
2		325.8500	44.72	-6.04	38.68	46.00	-7.32	QP	
3	*	385.0200	44.41	-4.75	39.66	46.00	-6.34	QP	
4		748.7700	29.17	2.03	31.20	46.00	-14.80	QP	
5		835.1000	27.48	3.34	30.82	46.00	-15.18	QP	
6		954.4100	26.56	4.24	30.80	46.00	-15.20	QP	

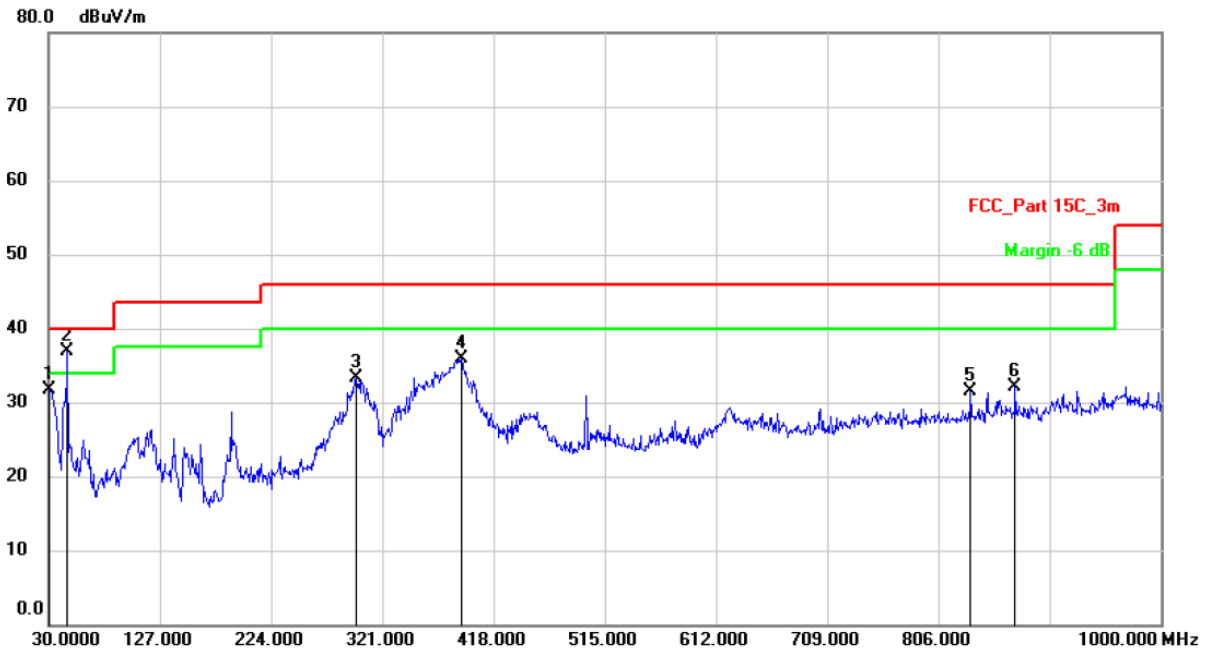
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

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: 19:31:06



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	42.30	-10.54	31.76	40.00	-8.24	QP	
2	*	46.4900	44.33	-7.51	36.82	40.00	-3.18	QP	
3		297.7200	40.14	-6.84	33.30	46.00	-12.70	QP	
4		389.8700	40.62	-4.63	35.99	46.00	-10.01	QP	
5		834.1300	28.19	3.31	31.50	46.00	-14.50	QP	
6		872.9300	28.31	3.80	32.11	46.00	-13.89	QP	

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

LTE Band 17 / 10M / QPSK					
Channel	Frequency (MHz)	Polarization (H/V)	Meas. Level (dBm)	Limit (dBm)	Margin (dBm)
Lowest	1418.000	H	-47.45	-13	-34.45
	2127.000	H	-51.78	-13	-38.78

	1418.000	V	-48.45	-13	-35.45
	2127.000	V	-51.70	-13	-38.70

Middle	1420.000	H	-45.58	-13	-32.58
	2127.000	H	-52.09	-13	-39.09

	1420.000	V	-46.24	-13	-33.24
	2127.000	V	-52.66	-13	-39.66

Highest	1422.000	H	-46.02	-13	-33.02
	2133.000	H	-52.74	-13	-39.74

	1422.000	V	-46.52	-13	-33.52
	2133.000	V	-52.38	-13	-39.38

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.

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