

Appendix I

Test Results of LTE Band 66

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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					
1.4	QPSK	Low	1	0	22.50	2.65	25.15	30.00	Pass
				2	22.59	2.65	25.24		Pass
				5	22.48	2.65	25.13		Pass
			3	0	22.48	2.65	25.13		Pass
				1	22.52	2.65	25.17		Pass
				2	22.44	2.65	25.09		Pass
			6	0	22.38	2.65	25.03		Pass
		Mid	1	0	22.36	2.65	25.01		Pass
				2	22.46	2.65	25.11		Pass
				5	22.36	2.65	25.01		Pass
			3	0	22.44	2.65	25.09		Pass
				1	22.51	2.65	25.16		Pass
				2	22.47	2.65	25.12		Pass
			6	0	22.42	2.65	25.07		Pass
		High	1	0	22.47	2.65	25.12		Pass
				2	22.52	2.65	25.17		Pass
				5	22.48	2.65	25.13		Pass
			3	0	22.45	2.65	25.10		Pass
				1	22.55	2.65	25.20		Pass
				2	22.48	2.65	25.13		Pass
			6	0	22.43	2.65	25.08		Pass
	16QAM	Low	1	0	22.57	2.65	25.22	30.00	Pass
				2	22.66	2.65	25.31		Pass
				5	22.59	2.65	25.24		Pass
			3	0	22.79	2.65	25.44		Pass
				1	22.90	2.65	25.55		Pass
				2	22.80	2.65	25.45		Pass
			6	0	22.72	2.65	25.37		Pass
		Mid	1	0	22.62	2.65	25.27		Pass
				2	22.74	2.65	25.39		Pass
				5	22.66	2.65	25.31		Pass
			3	0	22.67	2.65	25.32		Pass
				1	22.75	2.65	25.40		Pass
				2	22.70	2.65	25.35		Pass
			6	0	22.72	2.65	25.37		Pass
		High	1	0	22.91	2.65	25.56		Pass
				2	23.00	2.65	25.65		Pass
				5	22.91	2.65	25.56		Pass
			3	0	22.83	2.65	25.48		Pass
				1	22.93	2.65	25.58		Pass
				2	22.84	2.65	25.49		Pass
			6	0	22.46	2.65	25.11		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
1.4	64QAM	Low	1	0	19.17	2.65	21.82	30.00	Pass
				2	19.31	2.65	21.96		Pass
				5	19.20	2.65	21.85		Pass
			3	0	18.99	2.65	21.64		Pass
				1	19.12	2.65	21.77		Pass
				2	19.02	2.65	21.67		Pass
			6	0	19.18	2.65	21.83		Pass
		Mid	1	0	19.46	2.65	22.11		Pass
				2	19.59	2.65	22.24		Pass
				5	19.48	2.65	22.13		Pass
			3	0	19.45	2.65	22.10		Pass
				1	19.55	2.65	22.20		Pass
				2	19.43	2.65	22.08		Pass
			6	0	19.09	2.65	21.74		Pass
		High	1	0	19.19	2.65	21.84		Pass
				2	19.28	2.65	21.93		Pass
				5	19.16	2.65	21.81		Pass
			3	0	19.23	2.65	21.88		Pass
				1	19.34	2.65	21.99		Pass
				2	19.24	2.65	21.89		Pass
			6	0	19.43	2.65	22.08		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
3.0	QPSK	Low	1	0	22.34	2.65	24.99	30.00	Pass
				7	22.53	2.65	25.18		Pass
				14	22.33	2.65	24.98		Pass
			8	0	22.46	2.65	25.11		Pass
				4	22.54	2.65	25.19		Pass
				7	22.41	2.65	25.06		Pass
			15	0	22.47	2.65	25.12		Pass
		Mid	1	0	22.38	2.65	25.03		Pass
				7	22.58	2.65	25.23		Pass
				14	22.36	2.65	25.01		Pass
			8	0	22.47	2.65	25.12		Pass
				4	22.52	2.65	25.17		Pass
				7	22.43	2.65	25.08		Pass
			15	0	22.47	2.65	25.12		Pass
		High	1	0	22.33	2.65	24.98		Pass
				7	22.55	2.65	25.20		Pass
				14	22.33	2.65	24.98		Pass
			8	0	22.46	2.65	25.11		Pass
				4	22.55	2.65	25.20		Pass
				7	22.46	2.65	25.11		Pass
			15	0	22.49	2.65	25.14		Pass
	16QAM	Low	1	0	22.39	2.65	25.04	30.00	Pass
				7	22.60	2.65	25.25		Pass
				14	22.38	2.65	25.03		Pass
			8	0	22.71	2.65	25.36		Pass
				4	22.79	2.65	25.44		Pass
				7	22.67	2.65	25.32		Pass
			15	0	22.64	2.65	25.29		Pass
		Mid	1	0	22.84	2.65	25.49		Pass
				7	23.05	2.65	25.70		Pass
				14	22.86	2.65	25.51		Pass
			8	0	22.66	2.65	25.31		Pass
				4	22.73	2.65	25.38		Pass
				7	22.61	2.65	25.26		Pass
			15	0	22.64	2.65	25.29		Pass
		High	1	0	22.56	2.65	25.21		Pass
				7	22.74	2.65	25.39		Pass
				14	22.52	2.65	25.17		Pass
			8	0	22.63	2.65	25.28		Pass
				4	22.70	2.65	25.35		Pass
				7	22.62	2.65	25.27		Pass
			15	0	22.56	2.65	25.21		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
3.0	64QAM	Low	1	0	19.06	2.65	21.71	30.00	Pass
				7	19.33	2.65	21.98		Pass
				14	19.13	2.65	21.78		Pass
			8	0	19.12	2.65	21.77		Pass
				4	19.23	2.65	21.88		Pass
				7	19.09	2.65	21.74		Pass
			15	0	19.12	2.65	21.77		Pass
		Mid	1	0	19.30	2.65	21.95		Pass
				7	19.54	2.65	22.19		Pass
				14	19.31	2.65	21.96		Pass
			8	0	19.18	2.65	21.83		Pass
				4	19.28	2.65	21.93		Pass
				7	19.17	2.65	21.82		Pass
			15	0	19.11	2.65	21.76		Pass
		High	1	0	19.21	2.65	21.86		Pass
				7	19.47	2.65	22.12		Pass
				14	19.23	2.65	21.88		Pass
			8	0	19.19	2.65	21.84		Pass
				4	19.25	2.65	21.90		Pass
				7	19.16	2.65	21.81		Pass
			15	0	19.16	2.65	21.81		Pass

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	22.45	2.65	25.10	30.00	Pass
				13	22.64	2.65	25.29		Pass
				24	22.41	2.65	25.06		Pass
			12	0	22.40	2.65	25.05		Pass
				6	22.49	2.65	25.14		Pass
				11	22.45	2.65	25.10		Pass
			25	0	22.45	2.65	25.10		Pass
		Mid	1	0	22.33	2.65	24.98		Pass
				13	22.55	2.65	25.20		Pass
				24	22.30	2.65	24.95		Pass
			12	0	22.44	2.65	25.09		Pass
				6	22.54	2.65	25.19		Pass
				11	22.47	2.65	25.12		Pass
			25	0	22.47	2.65	25.12		Pass
		High	1	0	22.40	2.65	25.05		Pass
				13	22.60	2.65	25.25		Pass
				24	22.40	2.65	25.05		Pass
			12	0	22.44	2.65	25.09		Pass
				6	22.54	2.65	25.19		Pass
				11	22.49	2.65	25.14		Pass
			25	0	22.45	2.65	25.10		Pass
	16QAM	Low	1	0	22.62	2.65	25.27	30.00	Pass
				13	22.87	2.65	25.52		Pass
				24	22.62	2.65	25.27		Pass
			12	0	22.66	2.65	25.31		Pass
				6	22.74	2.65	25.39		Pass
				11	22.66	2.65	25.31		Pass
			25	0	22.63	2.65	25.28		Pass
		Mid	1	0	22.96	2.65	25.61		Pass
				13	23.22	2.65	25.87		Pass
				24	22.96	2.65	25.61		Pass
			12	0	22.72	2.65	25.37		Pass
				6	22.82	2.65	25.47		Pass
				11	22.75	2.65	25.40		Pass
			25	0	22.63	2.65	25.28		Pass
		High	1	0	22.53	2.65	25.18		Pass
				13	22.77	2.65	25.42		Pass
				24	22.57	2.65	25.22		Pass
			12	0	22.64	2.65	25.29		Pass
				6	22.71	2.65	25.36		Pass
				11	22.68	2.65	25.33		Pass
			25	0	22.55	2.65	25.20		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	18.92	2.65	21.57	30.00	Pass
				13	19.13	2.65	21.78		Pass
				24	18.90	2.65	21.55		Pass
			12	0	19.11	2.65	21.76		Pass
				6	19.20	2.65	21.85		Pass
				11	19.09	2.65	21.74		Pass
			25	0	19.00	2.65	21.65		Pass
		Mid	1	0	19.32	2.65	21.97		Pass
				13	19.57	2.65	22.22		Pass
				24	19.30	2.65	21.95		Pass
			12	0	19.06	2.65	21.71		Pass
				6	19.14	2.65	21.79		Pass
				11	19.10	2.65	21.75		Pass
			25	0	19.10	2.65	21.75		Pass
		High	1	0	19.23	2.65	21.88		Pass
				13	19.49	2.65	22.14		Pass
				24	19.26	2.65	21.91		Pass
			12	0	19.21	2.65	21.86		Pass
				6	19.26	2.65	21.91		Pass
				11	19.20	2.65	21.85		Pass
			25	0	19.12	2.65	21.77		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	22.52	2.65	25.17	30.00	Pass
				25	22.47	2.65	25.12		Pass
				49	22.43	2.65	25.08		Pass
			25	0	22.46	2.65	25.11		Pass
				13	22.45	2.65	25.10		Pass
				25	22.44	2.65	25.09		Pass
			50	0	22.46	2.65	25.11		Pass
		Mid	1	0	22.46	2.65	25.11		Pass
				25	22.49	2.65	25.14		Pass
				49	22.48	2.65	25.13		Pass
			25	0	22.48	2.65	25.13		Pass
				13	22.50	2.65	25.15		Pass
				25	22.47	2.65	25.12		Pass
			50	0	22.49	2.65	25.14		Pass
		High	1	0	22.51	2.65	25.16		Pass
				25	22.53	2.65	25.18		Pass
				49	22.48	2.65	25.13		Pass
			25	0	22.50	2.65	25.15		Pass
				13	22.52	2.65	25.17		Pass
				25	22.47	2.65	25.12		Pass
			50	0	22.51	2.65	25.16		Pass
	16QAM	Low	1	0	22.55	2.65	25.20	30.00	Pass
				25	22.54	2.65	25.19		Pass
				49	22.46	2.65	25.11		Pass
			25	0	22.61	2.65	25.26		Pass
				13	22.62	2.65	25.27		Pass
				25	22.62	2.65	25.27		Pass
		Mid	1	0	22.62	2.65	25.27		Pass
				25	22.62	2.65	25.27		Pass
				49	22.62	2.65	25.27		Pass
			25	0	22.95	2.65	25.60		Pass
				25	22.99	2.65	25.64		Pass
				49	22.93	2.65	25.58		Pass
		High	1	0	22.65	2.65	25.30		Pass
				13	22.64	2.65	25.29		Pass
				25	22.65	2.65	25.30		Pass
			25	0	22.63	2.65	25.28		Pass
				13	22.63	2.65	25.28		Pass
				25	22.63	2.65	25.28		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	19.32	2.65	21.97	30.00	Pass
				25	19.35	2.65	22.00		Pass
				49	19.31	2.65	21.96		Pass
			25	0	19.26	2.65	21.91		Pass
				13	19.30	2.65	21.95		Pass
				25	19.22	2.65	21.87		Pass
			50	0	19.20	2.65	21.85		Pass
		Mid	1	0	19.35	2.65	22.00		Pass
				25	19.34	2.65	21.99		Pass
				49	19.28	2.65	21.93		Pass
			25	0	19.25	2.65	21.90		Pass
				13	19.18	2.65	21.83		Pass
				25	19.24	2.65	21.89		Pass
			50	0	19.16	2.65	21.81		Pass
		High	1	0	19.53	2.65	22.18		Pass
				25	19.54	2.65	22.19		Pass
				49	19.54	2.65	22.19		Pass
			25	0	19.26	2.65	21.91		Pass
				13	19.24	2.65	21.89		Pass
				25	19.26	2.65	21.91		Pass
			50	0	19.14	2.65	21.79		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	2.65	25.17	30.00	Pass
				38	22.56	2.65	25.21		Pass
				74	22.47	2.65	25.12		Pass
			36	0	22.42	2.65	25.07		Pass
				18	22.54	2.65	25.19		Pass
				39	22.42	2.65	25.07		Pass
			75	0	22.41	2.65	25.06		Pass
		Mid	1	0	22.51	2.65	25.16		Pass
				38	22.61	2.65	25.26		Pass
				74	22.50	2.65	25.15		Pass
			36	0	22.39	2.65	25.04		Pass
				18	22.49	2.65	25.14		Pass
				39	22.43	2.65	25.08		Pass
			75	0	22.43	2.65	25.08		Pass
		High	1	0	22.51	2.65	25.16		Pass
				38	22.61	2.65	25.26		Pass
				74	22.51	2.65	25.16		Pass
			36	0	22.37	2.65	25.02		Pass
				18	22.50	2.65	25.15		Pass
				39	22.46	2.65	25.11		Pass
			75	0	22.39	2.65	25.04		Pass
	16QAM	Low	1	0	22.56	2.65	25.21	30.00	Pass
				38	22.65	2.65	25.30		Pass
				74	22.53	2.65	25.18		Pass
			36	0	22.54	2.65	25.19		Pass
				18	22.66	2.65	25.31		Pass
				39	22.50	2.65	25.15		Pass
			75	0	22.52	2.65	25.17		Pass
		Mid	1	0	23.01	2.65	25.66		Pass
				38	23.05	2.65	25.70		Pass
				74	22.97	2.65	25.62		Pass
			36	0	22.57	2.65	25.22		Pass
				18	22.66	2.65	25.31		Pass
				39	22.58	2.65	25.23		Pass
			75	0	22.58	2.65	25.23		Pass
		High	1	0	23.04	2.65	25.69		Pass
				38	23.11	2.65	25.76		Pass
				74	23.02	2.65	25.67		Pass
			36	0	22.48	2.65	25.13		Pass
				18	22.60	2.65	25.25		Pass
				39	22.49	2.65	25.14		Pass
			75	0	22.52	2.65	25.17		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	19.40	2.65	22.05	30.00	Pass
				38	19.55	2.65	22.20		Pass
				74	19.41	2.65	22.06		Pass
			36	0	19.04	2.65	21.69		Pass
				18	19.17	2.65	21.82		Pass
				39	19.04	2.65	21.69		Pass
			75	0	19.01	2.65	21.66		Pass
		Mid	1	0	19.32	2.65	21.97		Pass
				38	19.39	2.65	22.04		Pass
				74	19.26	2.65	21.91		Pass
			36	0	19.13	2.65	21.78		Pass
				18	19.21	2.65	21.86		Pass
				39	19.16	2.65	21.81		Pass
			75	0	19.08	2.65	21.73		Pass
		High	1	0	19.37	2.65	22.02		Pass
				38	19.42	2.65	22.07		Pass
				74	19.35	2.65	22.00		Pass
			36	0	19.16	2.65	21.81		Pass
				18	19.22	2.65	21.87		Pass
				39	19.24	2.65	21.89		Pass
			75	0	19.04	2.65	21.69		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	22.51	2.65	25.16	30.00	Pass
				50	22.55	2.65	25.20		Pass
				99	22.50	2.65	25.15		Pass
			50	0	22.51	2.65	25.16		Pass
				25	22.46	2.65	25.11		Pass
				50	22.51	2.65	25.16		Pass
			100	0	22.50	2.65	25.15		Pass
		Mid	1	0	22.48	2.65	25.13		Pass
				50	22.56	2.65	25.21		Pass
				99	22.47	2.65	25.12		Pass
			50	0	22.49	2.65	25.14		Pass
				25	22.48	2.65	25.13		Pass
				50	22.49	2.65	25.14		Pass
			100	0	22.48	2.65	25.13		Pass
		High	1	0	22.51	2.65	25.16		Pass
				50	22.50	2.65	25.15		Pass
				99	22.45	2.65	25.10		Pass
			50	0	22.57	2.65	25.22		Pass
				25	22.42	2.65	25.07		Pass
				50	22.49	2.65	25.14		Pass
			100	0	22.51	2.65	25.16		Pass
	16QAM	Low	1	0	23.09	2.65	25.74	30.00	Pass
				50	23.18	2.65	25.83		Pass
				99	23.11	2.65	25.76		Pass
			50	0	22.68	2.65	25.33		Pass
				25	22.61	2.65	25.26		Pass
				50	22.64	2.65	25.29		Pass
			100	0	22.62	2.65	25.27		Pass
		Mid	1	0	23.00	2.65	25.65		Pass
				50	23.07	2.65	25.72		Pass
				99	23.07	2.65	25.72		Pass
			50	0	22.61	2.65	25.26		Pass
				25	22.56	2.65	25.21		Pass
				50	22.64	2.65	25.29		Pass
			100	0	22.63	2.65	25.28		Pass
		High	1	0	23.24	2.65	25.89		Pass
				50	23.20	2.65	25.85		Pass
				99	23.16	2.65	25.81		Pass
			50	0	22.69	2.65	25.34		Pass
				25	22.63	2.65	25.28		Pass
				50	22.63	2.65	25.28		Pass
			100	0	22.73	2.65	25.38		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	19.48	2.65	22.13	30.00	Pass
				50	19.54	2.65	22.19		Pass
				99	19.47	2.65	22.12		Pass
			50	0	19.11	2.65	21.76		Pass
				25	19.16	2.65	21.81		Pass
				50	19.12	2.65	21.77		Pass
			100	0	19.07	2.65	21.72		Pass
		Mid	1	0	19.81	2.65	22.46		Pass
				50	19.89	2.65	22.54		Pass
				99	19.82	2.65	22.47		Pass
			50	0	19.15	2.65	21.80		Pass
				25	19.11	2.65	21.76		Pass
				50	19.17	2.65	21.82		Pass
			100	0	19.12	2.65	21.77		Pass
		High	1	0	19.41	2.65	22.06		Pass
				50	19.42	2.65	22.07		Pass
				99	19.31	2.65	21.96		Pass
			50	0	19.16	2.65	21.81		Pass
				25	19.11	2.65	21.76		Pass
				50	19.06	2.65	21.71		Pass
			100	0	19.16	2.65	21.81		Pass

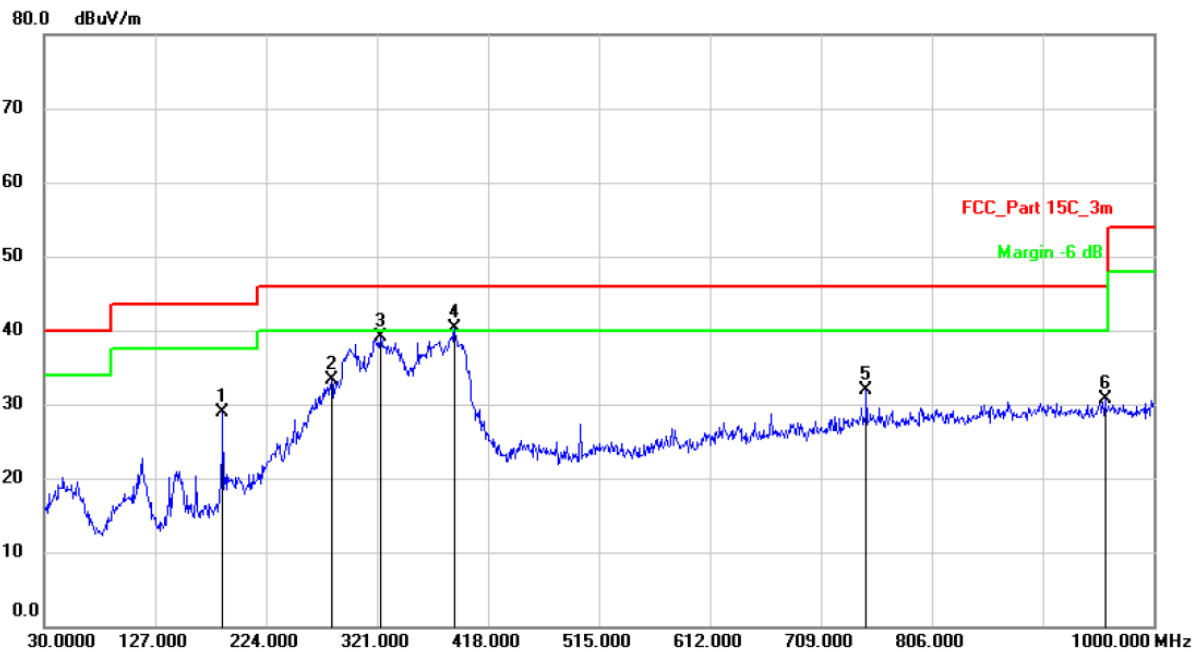
2. Field Strength of Spurious Radiation

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: 22:05:51



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		186.1700	39.31	-10.35	28.96	43.50	-14.54	QP	
2		281.2300	40.44	-7.19	33.25	46.00	-12.75	QP	
3		323.9100	45.28	-6.11	39.17	46.00	-6.83	QP	
4	*	388.9000	44.98	-4.65	40.33	46.00	-5.67	QP	
5		748.7700	29.90	2.03	31.93	46.00	-14.07	QP	
6		957.3200	26.39	4.26	30.65	46.00	-15.35	QP	

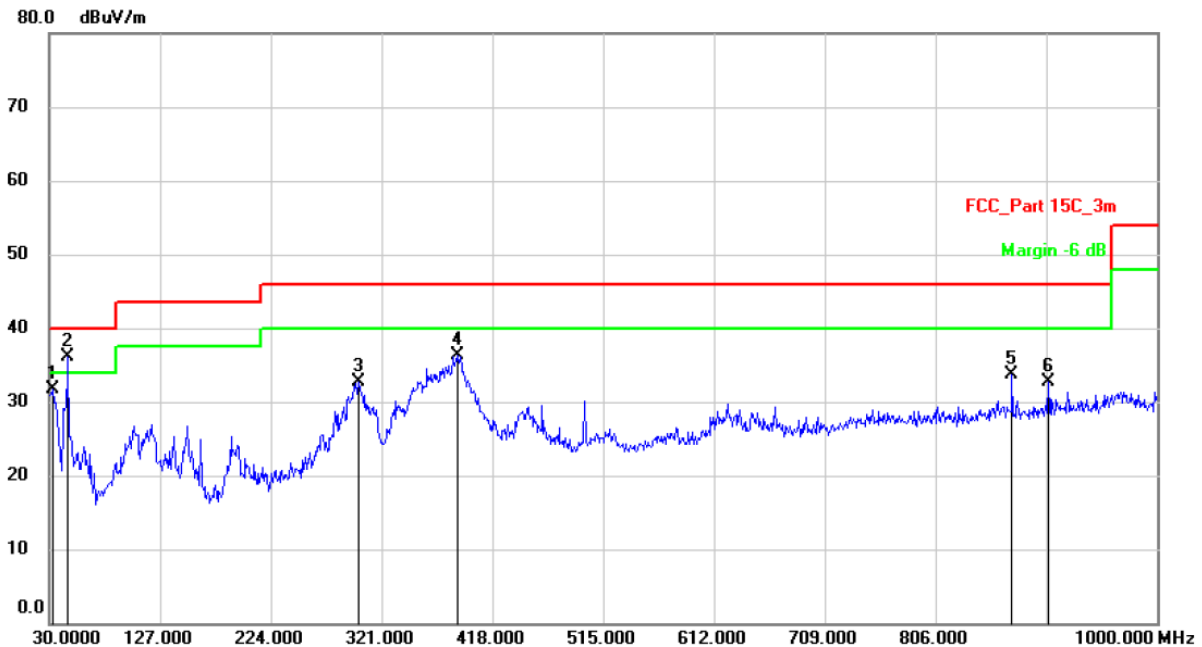
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

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: 21:58:34



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	42.00	-10.38	31.62	40.00	-8.38	QP	
2	*	46.4900	43.59	-7.51	36.08	40.00	-3.92	QP	
3		300.6300	39.49	-6.77	32.72	46.00	-13.28	QP	
4		387.9300	41.08	-4.68	36.40	46.00	-9.60	QP	
5		872.9300	29.83	3.80	33.63	46.00	-12.37	QP	
6		904.9400	28.75	4.01	32.76	46.00	-13.24	QP	

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

LTE Band 66 / 20M / QPSK					
Channel	Frequency (MHz)	Polarization (H/V)	Meas. Level (dBm)	Limit (dBm)	Margin (dBm)
Lowest	3440.000	H	-50.45	-13	-37.45
	5160.000	H	-46.47	-13	-33.47

	3440.000	V	-49.65	-13	-36.65
	5160.000	V	-46.83	-13	-33.83

Middle	3490.000	H	-49.66	-13	-36.66
	5235.000	H	-45.99	-13	-32.99

	3490.000	V	-49.44	-13	-36.44
	5235.000	V	-46.16	-13	-33.16

Highest	3540.000	H	-50.35	-13	-37.35
	5310.000	H	-46.54	-13	-33.54

	3540.000	V	-51.71	-13	-38.71
	5310.000	V	-46.54	-13	-33.54

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---