

Appendix I

Test Results of LTE Band 25

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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	23.59	2.65	26.24	33.00	Pass
				2	23.64	2.65	26.29		Pass
				5	23.59	2.65	26.24		Pass
			3	0	23.59	2.65	26.24		Pass
				1	23.62	2.65	26.27		Pass
				2	23.60	2.65	26.25		Pass
			6	0	22.43	2.65	25.08		Pass
		Mid	1	0	23.32	2.65	25.97		Pass
				2	23.36	2.65	26.01		Pass
				5	23.30	2.65	25.95		Pass
			3	0	23.43	2.65	26.08		Pass
				1	23.47	2.65	26.12		Pass
				2	23.45	2.65	26.10		Pass
			6	0	22.36	2.65	25.01		Pass
		High	1	0	23.39	2.65	26.04		Pass
				2	23.47	2.65	26.12		Pass
				5	23.38	2.65	26.03		Pass
			3	0	23.47	2.65	26.12		Pass
				1	23.52	2.65	26.17		Pass
				2	23.48	2.65	26.13		Pass
			6	0	22.39	2.65	25.04		Pass
	16QAM	Low	1	0	22.64	2.65	25.29	33.00	Pass
				2	22.70	2.65	25.35		Pass
				5	22.69	2.65	25.34		Pass
			3	0	22.87	2.65	25.52		Pass
				1	22.96	2.65	25.61		Pass
				2	22.85	2.65	25.50		Pass
			6	0	21.82	2.65	24.47		Pass
		Mid	1	0	22.63	2.65	25.28		Pass
				2	22.74	2.65	25.39		Pass
				5	22.66	2.65	25.31		Pass
			3	0	22.63	2.65	25.28		Pass
				1	22.71	2.65	25.36		Pass
				2	22.65	2.65	25.30		Pass
			6	0	21.67	2.65	24.32		Pass
		High	1	0	22.90	2.65	25.55		Pass
				2	22.96	2.65	25.61		Pass
				5	22.87	2.65	25.52		Pass
			3	0	22.83	2.65	25.48		Pass
				1	22.96	2.65	25.61		Pass
				2	22.87	2.65	25.52		Pass
			6	0	21.47	2.65	24.12		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	21.77	2.65	24.42	33.00	Pass
				2	21.86	2.65	24.51		Pass
				5	21.83	2.65	24.48		Pass
			3	0	21.62	2.65	24.27		Pass
				1	21.65	2.65	24.30		Pass
				2	21.63	2.65	24.28		Pass
			6	0	20.72	2.65	23.37		Pass
		Mid	1	0	21.91	2.65	24.56		Pass
				2	22.06	2.65	24.71		Pass
				5	21.94	2.65	24.59		Pass
			3	0	21.93	2.65	24.58		Pass
				1	21.99	2.65	24.64		Pass
				2	21.93	2.65	24.58		Pass
			6	0	20.53	2.65	23.18		Pass
		High	1	0	21.66	2.65	24.31		Pass
				2	21.77	2.65	24.42		Pass
				5	21.61	2.65	24.26		Pass
			3	0	21.79	2.65	24.44		Pass
				1	21.88	2.65	24.53		Pass
				2	21.80	2.65	24.45		Pass
			6	0	20.90	2.65	23.55		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	23.42	2.65	26.07	33.00	Pass
				7	23.58	2.65	26.23		Pass
				14	23.44	2.65	26.09		Pass
			8	0	22.53	2.65	25.18		Pass
				4	22.54	2.65	25.19		Pass
				7	22.53	2.65	25.18		Pass
			15	0	22.57	2.65	25.22		Pass
		Mid	1	0	23.45	2.65	26.10		Pass
				7	23.58	2.65	26.23		Pass
				14	23.45	2.65	26.10		Pass
			8	0	22.49	2.65	25.14		Pass
				4	22.55	2.65	25.20		Pass
				7	22.53	2.65	25.18		Pass
			15	0	22.55	2.65	25.20		Pass
		High	1	0	23.38	2.65	26.03		Pass
				7	23.47	2.65	26.12		Pass
				14	23.38	2.65	26.03		Pass
			8	0	22.48	2.65	25.13		Pass
				4	22.53	2.65	25.18		Pass
				7	22.48	2.65	25.13		Pass
			15	0	22.54	2.65	25.19		Pass
	16QAM	Low	1	0	22.54	2.65	25.19	33.00	Pass
				7	22.68	2.65	25.33		Pass
				14	22.53	2.65	25.18		Pass
			8	0	21.82	2.65	24.47		Pass
				4	21.82	2.65	24.47		Pass
				7	21.78	2.65	24.43		Pass
			15	0	21.75	2.65	24.40		Pass
		Mid	1	0	23.00	2.65	25.65		Pass
				7	23.14	2.65	25.79		Pass
				14	23.01	2.65	25.66		Pass
			8	0	21.77	2.65	24.42		Pass
				4	21.77	2.65	24.42		Pass
				7	21.76	2.65	24.41		Pass
			15	0	21.71	2.65	24.36		Pass
		High	1	0	22.69	2.65	25.34		Pass
				7	22.74	2.65	25.39		Pass
				14	22.55	2.65	25.20		Pass
			8	0	21.68	2.65	24.33		Pass
				4	21.72	2.65	24.37		Pass
				7	21.65	2.65	24.30		Pass
			15	0	21.65	2.65	24.30		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	21.96	2.65	24.61	33.00	Pass
				7	22.12	2.65	24.77		Pass
				14	21.93	2.65	24.58		Pass
			8	0	20.77	2.65	23.42		Pass
				4	20.81	2.65	23.46		Pass
				7	20.76	2.65	23.41		Pass
			15	0	20.70	2.65	23.35		Pass
		Mid	1	0	21.73	2.65	24.38		Pass
				7	21.88	2.65	24.53		Pass
				14	21.76	2.65	24.41		Pass
			8	0	20.74	2.65	23.39		Pass
				4	20.76	2.65	23.41		Pass
				7	20.74	2.65	23.39		Pass
			15	0	20.73	2.65	23.38		Pass
		High	1	0	21.85	2.65	24.50		Pass
				7	21.87	2.65	24.52		Pass
				14	21.73	2.65	24.38		Pass
			8	0	20.61	2.65	23.26		Pass
				4	20.67	2.65	23.32		Pass
				7	20.60	2.65	23.25		Pass
			15	0	20.74	2.65	23.39		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	23.60	2.65	26.25	33.00	Pass
				13	23.65	2.65	26.30		Pass
				24	23.57	2.65	26.22		Pass
			12	0	22.60	2.65	25.25		Pass
				6	22.63	2.65	25.28		Pass
				11	22.60	2.65	25.25		Pass
			25	0	22.59	2.65	25.24		Pass
		Mid	1	0	23.42	2.65	26.07		Pass
				13	23.55	2.65	26.20		Pass
				24	23.43	2.65	26.08		Pass
			12	0	22.58	2.65	25.23		Pass
				6	22.56	2.65	25.21		Pass
				11	22.57	2.65	25.22		Pass
			25	0	22.60	2.65	25.25		Pass
		High	1	0	23.48	2.65	26.13		Pass
				13	23.54	2.65	26.19		Pass
				24	23.46	2.65	26.11		Pass
			12	0	22.55	2.65	25.20		Pass
				6	22.59	2.65	25.24		Pass
				11	22.54	2.65	25.19		Pass
			25	0	22.56	2.65	25.21		Pass
	16QAM	Low	1	0	22.84	2.65	25.49	33.00	Pass
				13	22.94	2.65	25.59		Pass
				24	22.85	2.65	25.50		Pass
			12	0	21.83	2.65	24.48		Pass
				6	21.86	2.65	24.51		Pass
				11	21.84	2.65	24.49		Pass
			25	0	21.80	2.65	24.45		Pass
		Mid	1	0	23.14	2.65	25.79		Pass
				13	23.26	2.65	25.91		Pass
				24	23.16	2.65	25.81		Pass
			12	0	21.85	2.65	24.50		Pass
				6	21.91	2.65	24.56		Pass
				11	21.84	2.65	24.49		Pass
			25	0	21.76	2.65	24.41		Pass
		High	1	0	22.72	2.65	25.37		Pass
				13	22.77	2.65	25.42		Pass
				24	22.64	2.65	25.29		Pass
			12	0	21.80	2.65	24.45		Pass
				6	21.78	2.65	24.43		Pass
				11	21.77	2.65	24.42		Pass
			25	0	21.66	2.65	24.31		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	21.66	2.65	24.31	33.00	Pass
				13	21.73	2.65	24.38		Pass
				24	21.63	2.65	24.28		Pass
			12	0	20.81	2.65	23.46		Pass
				6	20.82	2.65	23.47		Pass
				11	20.80	2.65	23.45		Pass
			25	0	20.75	2.65	23.40		Pass
		Mid	1	0	21.95	2.65	24.60		Pass
				13	22.08	2.65	24.73		Pass
				24	21.95	2.65	24.60		Pass
			12	0	20.68	2.65	23.33		Pass
				6	20.66	2.65	23.31		Pass
				11	20.67	2.65	23.32		Pass
			25	0	20.70	2.65	23.35		Pass
		High	1	0	21.90	2.65	24.55		Pass
				13	21.95	2.65	24.60		Pass
				24	21.81	2.65	24.46		Pass
			12	0	20.78	2.65	23.43		Pass
				6	20.81	2.65	23.46		Pass
				11	20.78	2.65	23.43		Pass
			25	0	20.72	2.65	23.37		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	23.57	2.65	26.22	33.00	Pass
				25	23.50	2.65	26.15		Pass
				49	23.53	2.65	26.18		Pass
			25	0	22.62	2.65	25.27		Pass
				13	22.64	2.65	25.29		Pass
				25	22.58	2.65	25.23		Pass
			50	0	22.64	2.65	25.29		Pass
		Mid	1	0	23.57	2.65	26.22		Pass
				25	23.51	2.65	26.16		Pass
				49	23.56	2.65	26.21		Pass
			25	0	22.53	2.65	25.18		Pass
				13	22.56	2.65	25.21		Pass
				25	22.54	2.65	25.19		Pass
			50	0	22.59	2.65	25.24		Pass
		High	1	0	23.43	2.65	26.08		Pass
				25	23.41	2.65	26.06		Pass
				49	23.34	2.65	25.99		Pass
			25	0	22.56	2.65	25.21		Pass
				13	22.54	2.65	25.19		Pass
				25	22.51	2.65	25.16		Pass
			50	0	22.55	2.65	25.20		Pass
	16QAM	Low	1	0	22.71	2.65	25.36	33.00	Pass
				25	22.61	2.65	25.26		Pass
				49	22.65	2.65	25.30		Pass
			25	0	21.79	2.65	24.44		Pass
				13	21.78	2.65	24.43		Pass
				25	21.74	2.65	24.39		Pass
			50	0	21.76	2.65	24.41		Pass
		Mid	1	0	23.08	2.65	25.73		Pass
				25	23.05	2.65	25.70		Pass
				49	23.10	2.65	25.75		Pass
			25	0	21.74	2.65	24.39		Pass
				13	21.79	2.65	24.44		Pass
				25	21.74	2.65	24.39		Pass
			50	0	21.77	2.65	24.42		Pass
		High	1	0	22.70	2.65	25.35		Pass
				25	22.70	2.65	25.35		Pass
				49	22.54	2.65	25.19		Pass
			25	0	21.82	2.65	24.47		Pass
				13	21.79	2.65	24.44		Pass
				25	21.75	2.65	24.40		Pass
			50	0	21.73	2.65	24.38		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	22.11	2.65	24.76	33.00	Pass
				25	22.02	2.65	24.67		Pass
				49	22.07	2.65	24.72		Pass
			25	0	20.78	2.65	23.43		Pass
				13	20.85	2.65	23.50		Pass
				25	20.76	2.65	23.41		Pass
			50	0	20.74	2.65	23.39		Pass
		Mid	1	0	21.86	2.65	24.51		Pass
				25	21.82	2.65	24.47		Pass
				49	21.88	2.65	24.53		Pass
			25	0	20.80	2.65	23.45		Pass
				13	20.83	2.65	23.48		Pass
				25	20.79	2.65	23.44		Pass
			50	0	20.77	2.65	23.42		Pass
		High	1	0	21.89	2.65	24.54		Pass
				25	21.84	2.65	24.49		Pass
				49	21.73	2.65	24.38		Pass
			25	0	20.77	2.65	23.42		Pass
				13	20.84	2.65	23.49		Pass
				25	20.81	2.65	23.46		Pass
			50	0	20.73	2.65	23.38		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	23.48	2.56	26.04	33.00	Pass
				38	23.50	2.56	26.06		Pass
				74	23.44	2.56	26.00		Pass
			36	0	22.54	2.56	25.10		Pass
				18	22.56	2.56	25.12		Pass
				39	22.54	2.56	25.10		Pass
			75	0	22.52	2.56	25.08		Pass
		Mid	1	0	23.46	2.56	26.02		Pass
				38	23.53	2.56	26.09		Pass
				74	23.49	2.56	26.05		Pass
			36	0	22.48	2.56	25.04		Pass
				18	22.56	2.56	25.12		Pass
				39	22.54	2.56	25.10		Pass
			75	0	22.49	2.56	25.05		Pass
		High	1	0	23.49	2.56	26.05		Pass
				38	23.46	2.56	26.02		Pass
				74	23.39	2.56	25.95		Pass
			36	0	22.49	2.56	25.05		Pass
				18	22.53	2.56	25.09		Pass
				39	22.51	2.56	25.07		Pass
			75	0	22.50	2.56	25.06		Pass
	16QAM	Low	1	0	22.56	2.56	25.12	33.00	Pass
				38	22.62	2.56	25.18		Pass
				74	22.56	2.56	25.12		Pass
			36	0	21.65	2.56	24.21		Pass
				18	21.71	2.56	24.27		Pass
				39	21.66	2.56	24.22		Pass
			75	0	21.70	2.56	24.26		Pass
		Mid	1	0	22.97	2.56	25.53		Pass
				38	23.04	2.56	25.60		Pass
				74	23.03	2.56	25.59		Pass
			36	0	21.70	2.56	24.26		Pass
				18	21.72	2.56	24.28		Pass
				39	21.68	2.56	24.24		Pass
			75	0	21.68	2.56	24.24		Pass
		High	1	0	23.08	2.56	25.64		Pass
				38	23.11	2.56	25.67		Pass
				74	22.94	2.56	25.50		Pass
			36	0	21.65	2.56	24.21		Pass
				18	21.64	2.56	24.20		Pass
				39	21.57	2.56	24.13		Pass
			75	0	21.61	2.56	24.17		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	21.98	2.56	24.54	33.00	Pass
				38	21.97	2.56	24.53		Pass
				74	21.93	2.56	24.49		Pass
			36	0	20.74	2.56	23.30		Pass
				18	20.75	2.56	23.31		Pass
				39	20.74	2.56	23.30		Pass
			75	0	20.69	2.56	23.25		Pass
		Mid	1	0	21.72	2.56	24.28		Pass
				38	21.80	2.56	24.36		Pass
				74	21.75	2.56	24.31		Pass
			36	0	20.73	2.56	23.29		Pass
				18	20.77	2.56	23.33		Pass
				39	20.79	2.56	23.35		Pass
			75	0	20.66	2.56	23.22		Pass
		High	1	0	22.26	2.56	24.82		Pass
				38	22.29	2.56	24.85		Pass
				74	22.19	2.56	24.75		Pass
			36	0	20.66	2.56	23.22		Pass
				18	20.70	2.56	23.26		Pass
				39	20.67	2.56	23.23		Pass
			75	0	20.70	2.56	23.26		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	23.51	2.65	26.16	33.00	Pass
				50	23.52	2.65	26.17		Pass
				99	23.44	2.65	26.09		Pass
			50	0	22.60	2.65	25.25		Pass
				25	22.66	2.65	25.31		Pass
				50	22.55	2.65	25.20		Pass
			100	0	22.53	2.65	25.18		Pass
		Mid	1	0	23.43	2.65	26.08		Pass
				50	23.46	2.65	26.11		Pass
				99	23.49	2.65	26.14		Pass
			50	0	22.56	2.65	25.21		Pass
				25	22.60	2.65	25.25		Pass
				50	22.61	2.65	25.26		Pass
			100	0	22.53	2.65	25.18		Pass
		High	1	0	23.42	2.65	26.07		Pass
				50	23.44	2.65	26.09		Pass
				99	23.41	2.65	26.06		Pass
			50	0	22.56	2.65	25.21		Pass
				25	22.61	2.65	25.26		Pass
				50	22.58	2.65	25.23		Pass
			100	0	22.62	2.65	25.27		Pass
	16QAM	Low	1	0	23.17	2.65	25.82	33.00	Pass
				50	23.20	2.65	25.85		Pass
				99	23.14	2.65	25.79		Pass
			50	0	21.82	2.65	24.47		Pass
				25	21.81	2.65	24.46		Pass
				50	21.67	2.65	24.32		Pass
			100	0	21.71	2.65	24.36		Pass
		Mid	1	0	23.04	2.65	25.69		Pass
				50	23.12	2.65	25.77		Pass
				99	23.15	2.65	25.80		Pass
			50	0	21.71	2.65	24.36		Pass
				25	21.78	2.65	24.43		Pass
				50	21.74	2.65	24.39		Pass
			100	0	21.74	2.65	24.39		Pass
		High	1	0	23.03	2.65	25.68		Pass
				50	23.05	2.65	25.70		Pass
				99	22.94	2.65	25.59		Pass
			50	0	21.72	2.65	24.37		Pass
				25	21.73	2.65	24.38		Pass
				50	21.70	2.65	24.35		Pass
			100	0	21.71	2.65	24.36		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	21.99	2.65	24.64	33.00	Pass
				50	22.00	2.65	24.65		Pass
				99	21.95	2.65	24.60		Pass
			50	0	20.80	2.65	23.45		Pass
				25	20.80	2.65	23.45		Pass
				50	20.71	2.65	23.36		Pass
			100	0	20.69	2.65	23.34		Pass
		Mid	1	0	22.31	2.65	24.96		Pass
				50	22.38	2.65	25.03		Pass
				99	22.42	2.65	25.07		Pass
			50	0	20.75	2.65	23.40		Pass
				25	20.75	2.65	23.40		Pass
				50	20.80	2.65	23.45		Pass
			100	0	20.69	2.65	23.34		Pass
		High	1	0	22.33	2.65	24.98		Pass
				50	22.40	2.65	25.05		Pass
				99	22.28	2.65	24.93		Pass
			50	0	20.76	2.65	23.41		Pass
				25	20.80	2.65	23.45		Pass
				50	20.82	2.65	23.47		Pass
			100	0	20.77	2.65	23.42		Pass

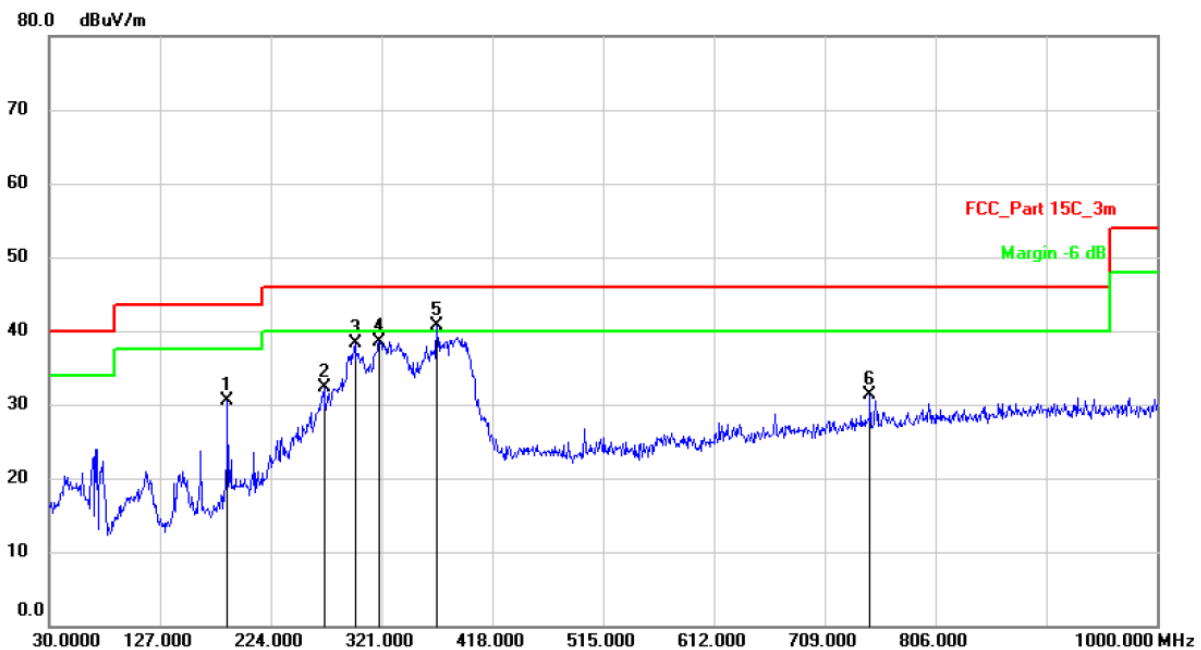
2. Field Strength of Spurious Radiation

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: 20:20:31



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	40.88	-10.35	30.53	43.50	-12.97	QP	
2		270.5600	39.76	-7.37	32.39	46.00	-13.61	QP	
3		297.7200	45.16	-6.84	38.32	46.00	-7.68	QP	
4		319.0600	44.77	-6.26	38.51	46.00	-7.49	QP	
5	*	369.5000	45.74	-5.05	40.69	46.00	-5.31	QP	
6		748.7700	29.33	2.03	31.36	46.00	-14.64	QP	

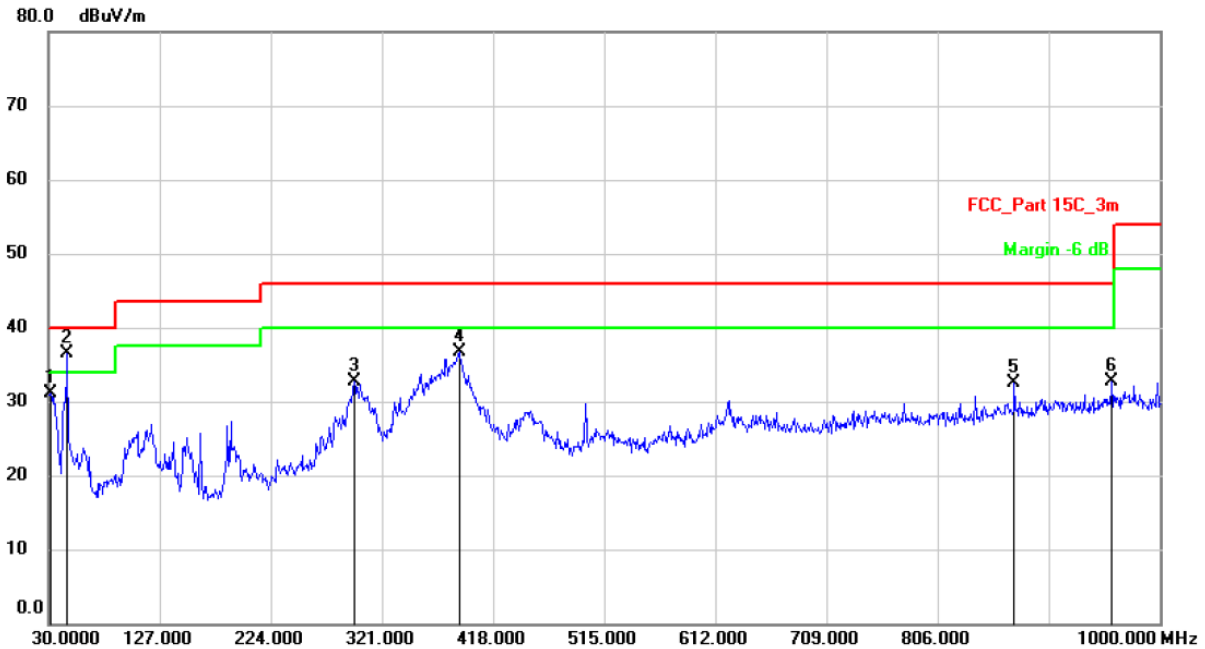
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

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: 20:27:47



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		31.9400	41.50	-10.46	31.04	40.00	-8.96	QP	
2	*	46.4900	44.03	-7.51	36.52	40.00	-3.48	QP	
3		296.7500	39.61	-6.87	32.74	46.00	-13.26	QP	
4		388.9000	41.38	-4.65	36.73	46.00	-9.27	QP	
5		872.9300	28.62	3.80	32.42	46.00	-13.58	QP	
6		958.2900	28.53	4.27	32.80	46.00	-13.20	QP	

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

LTE Band 25 / 20M / QPSK					
Channel	Frequency (MHz)	Polarization (H/V)	Meas. Level (dBm)	Limit (dBm)	Margin (dBm)
Lowest	3720.000	H	-50.52	-13	-37.52
	5580.000	H	-45.65	-13	-32.65

	3720.000	V	-50.18	-13	-37.18
	5580.000	V	-46.14	-13	-33.14

Middle	3760.000	H	-50.30	-13	-37.30
	5640.000	H	-47.03	-13	-34.03

	3760.000	V	-49.88	-13	-36.88
	5640.000	V	-47.31	-13	-34.31

Highest	3810.000	H	-50.31	-13	-37.31
	5715.000	H	-46.54	-13	-33.54

	3810.000	V	-50.49	-13	-37.49
	5715.000	V	-45.93	-13	-32.93

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---