

Appendix I

Test Results of LTE Band 2

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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	22.52	2.65	25.17	33.00	Pass
				2	22.56	2.65	25.21		Pass
				5	22.51	2.65	25.16		Pass
			3	0	22.54	2.65	25.19		Pass
				1	22.66	2.65	25.31		Pass
				2	22.54	2.65	25.19		Pass
			6	0	21.46	2.65	24.11		Pass
		Mid	1	0	22.43	2.65	25.08		Pass
				2	22.49	2.65	25.14		Pass
				5	22.43	2.65	25.08		Pass
			3	0	22.58	2.65	25.23		Pass
				1	22.59	2.65	25.24		Pass
				2	22.55	2.65	25.20		Pass
			6	0	21.39	2.65	24.04		Pass
		High	1	0	22.38	2.65	25.03		Pass
				2	22.44	2.65	25.09		Pass
				5	22.32	2.65	24.97		Pass
			3	0	22.55	2.65	25.20		Pass
				1	22.59	2.65	25.24		Pass
				2	22.58	2.65	25.23		Pass
			6	0	21.39	2.65	24.04		Pass
	16QAM	Low	1	0	21.65	2.65	24.30	33.00	Pass
				2	21.74	2.65	24.39		Pass
				5	21.69	2.65	24.34		Pass
			3	0	21.86	2.65	24.51		Pass
				1	21.93	2.65	24.58		Pass
				2	21.84	2.65	24.49		Pass
			6	0	20.81	2.65	23.46		Pass
		Mid	1	0	21.68	2.65	24.33		Pass
				2	21.78	2.65	24.43		Pass
				5	21.72	2.65	24.37		Pass
			3	0	21.69	2.65	24.34		Pass
				1	21.76	2.65	24.41		Pass
				2	21.70	2.65	24.35		Pass
			6	0	20.72	2.65	23.37		Pass
		High	1	0	21.97	2.65	24.62		Pass
				2	22.05	2.65	24.70		Pass
				5	21.99	2.65	24.64		Pass
			3	0	21.98	2.65	24.63		Pass
				1	22.03	2.65	18.91		Pass
				2	21.95	2.65	18.99		Pass
			6	0	20.46	2.65	18.02		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	20.86	2.65	23.51	33.00	Pass
				2	20.89	2.65	23.54		Pass
				5	20.87	2.65	23.52		Pass
			3	0	20.65	2.65	23.30		Pass
				1	20.73	2.65	23.38		Pass
				2	20.65	2.65	23.30		Pass
			6	0	19.73	2.65	22.38		Pass
		Mid	1	0	21.03	2.65	23.68		Pass
				2	21.09	2.65	23.74		Pass
				5	21.03	2.65	23.68		Pass
			3	0	21.01	2.65	23.66		Pass
				1	21.11	2.65	23.76		Pass
				2	21.03	2.65	23.68		Pass
			6	0	19.63	2.65	22.28		Pass
		High	1	0	20.74	2.65	23.39		Pass
				2	20.81	2.65	23.46		Pass
				5	20.70	2.65	23.35		Pass
			3	0	20.86	2.65	23.51		Pass
				1	20.95	2.65	23.60		Pass
				2	20.89	2.65	23.54		Pass
			6	0	19.92	2.65	22.57		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	22.49	2.65	25.14	33.00	Pass
				7	22.60	2.65	25.25		Pass
				14	22.49	2.65	25.14		Pass
			8	0	21.55	2.65	24.20		Pass
				7	21.54	2.65	24.19		Pass
				14	21.54	2.65	24.19		Pass
			15	0	21.55	2.65	24.20		Pass
		Mid	1	0	22.49	2.65	25.14		Pass
				7	22.61	2.65	25.26		Pass
				14	22.49	2.65	25.14		Pass
			8	0	21.51	2.65	24.16		Pass
				7	21.50	2.65	24.15		Pass
				14	21.50	2.65	24.15		Pass
			15	0	21.50	2.65	24.15		Pass
		High	1	0	22.46	2.65	25.11		Pass
				7	22.48	2.65	25.13		Pass
				14	22.40	2.65	25.05		Pass
			8	0	21.48	2.65	24.13		Pass
				7	21.53	2.65	24.18		Pass
				14	21.48	2.65	24.13		Pass
			15	0	21.54	2.65	24.19		Pass
	16QAM	Low	1	0	21.59	2.65	24.24	33.00	Pass
				7	21.69	2.65	24.34		Pass
				14	21.55	2.65	24.20		Pass
			8	0	20.80	2.65	23.45		Pass
				4	20.81	2.65	23.46		Pass
				7	20.78	2.65	23.43		Pass
			15	0	20.72	2.65	23.37		Pass
		Mid	1	0	22.04	2.65	24.69		Pass
				7	22.10	2.65	24.75		Pass
				14	22.02	2.65	24.67		Pass
			8	0	20.75	2.65	23.40		Pass
				4	20.73	2.65	23.38		Pass
				7	20.73	2.65	23.38		Pass
			15	0	20.70	2.65	23.35		Pass
		High	1	0	21.71	2.65	24.36		Pass
				7	21.81	2.65	24.46		Pass
				14	21.71	2.65	24.36		Pass
			8	0	20.68	2.65	23.33		Pass
				4	20.74	2.65	23.39		Pass
				7	20.67	2.65	23.32		Pass
			15	0	20.64	2.65	23.29		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
3.0	16QAM	Low	1	0	20.99	2.65	23.64	33.00	Pass
				7	21.14	2.65	23.79		Pass
				14	21.01	2.65	23.66		Pass
			8	0	19.78	2.65	22.43		Pass
				4	19.79	2.65	22.44		Pass
				7	19.77	2.65	22.42		Pass
			15	0	19.70	2.65	22.35		Pass
		Mid	1	0	20.74	2.65	23.39		Pass
				7	20.88	2.65	23.53		Pass
				14	20.76	2.65	23.41		Pass
			8	0	19.68	2.65	22.33		Pass
				4	19.74	2.65	22.39		Pass
				7	19.72	2.65	22.37		Pass
			15	0	19.73	2.65	22.38		Pass
		High	1	0	20.88	2.65	23.53		Pass
				7	20.97	2.65	23.62		Pass
				14	20.87	2.65	23.52		Pass
			8	0	19.64	2.65	22.29		Pass
				4	19.70	2.65	22.35		Pass
				7	19.65	2.65	22.30		Pass
			15	0	19.76	2.65	22.41		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	22.71	2.65	25.36	33.00	Pass
				13	22.73	2.65	25.38		Pass
				24	22.66	2.65	25.31		Pass
			12	0	21.61	2.65	24.26		Pass
				6	21.62	2.65	24.27		Pass
				11	21.60	2.65	24.25		Pass
			25	0	21.67	2.65	24.32		Pass
		Mid	1	0	22.50	2.65	25.15		Pass
				13	22.53	2.65	25.18		Pass
				24	22.52	2.65	25.17		Pass
			12	0	21.60	2.65	24.25		Pass
				6	21.58	2.65	24.23		Pass
				11	21.54	2.65	24.19		Pass
			25	0	21.59	2.65	24.24		Pass
		High	1	0	22.59	2.65	25.24		Pass
				13	22.59	2.65	25.24		Pass
				24	22.56	2.65	25.21		Pass
			12	0	21.60	2.65	24.25		Pass
				6	21.58	2.65	24.23		Pass
				11	21.57	2.65	24.22		Pass
			25	0	21.60	2.65	24.25		Pass
	16QAM	Low	1	0	21.92	2.65	24.57	33.00	Pass
				13	21.90	2.65	24.55		Pass
				24	21.91	2.65	24.56		Pass
			12	0	20.88	2.65	23.53		Pass
				6	20.82	2.65	23.47		Pass
				11	20.80	2.65	23.45		Pass
			25	0	20.79	2.65	23.44		Pass
		Mid	1	0	22.20	2.65	24.85		Pass
				13	22.26	2.65	24.91		Pass
				24	22.20	2.65	24.85		Pass
			12	0	20.84	2.65	23.49		Pass
				6	20.86	2.65	23.51		Pass
				11	20.82	2.65	23.47		Pass
			25	0	20.74	2.65	23.39		Pass
		High	1	0	21.79	2.65	24.44		Pass
				13	21.83	2.65	24.48		Pass
				24	21.80	2.65	24.45		Pass
			12	0	20.79	2.65	23.44		Pass
				6	20.79	2.65	23.44		Pass
				11	20.76	2.65	23.41		Pass
			25	0	20.69	2.65	23.34		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	20.71	2.65	23.36	33.00	Pass
				13	20.74	2.65	23.39		Pass
				24	20.73	2.65	23.38		Pass
			12	0	19.83	2.65	22.48		Pass
				6	19.79	2.65	22.44		Pass
				11	19.80	2.65	22.45		Pass
			25	0	19.74	2.65	22.39		Pass
		Mid	1	0	21.06	2.65	23.71		Pass
				13	21.10	2.65	23.75		Pass
				24	20.99	2.65	23.64		Pass
			12	0	19.69	2.65	22.34		Pass
				6	19.65	2.65	22.30		Pass
				11	19.66	2.65	22.31		Pass
			25	0	19.70	2.65	22.35		Pass
		High	1	0	20.96	2.65	23.61		Pass
				13	21.02	2.65	23.67		Pass
				24	20.96	2.65	23.61		Pass
			12	0	19.83	2.65	22.48		Pass
				6	19.83	2.65	22.48		Pass
				11	19.81	2.65	22.46		Pass
			25	0	19.76	2.65	22.41		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	22.81	2.65	25.46	33.00	Pass
				25	22.54	2.65	25.19		Pass
				49	22.75	2.65	25.40		Pass
			25	0	21.67	2.65	24.32		Pass
				13	21.67	2.65	24.32		Pass
				25	21.65	2.65	24.30		Pass
			50	0	21.68	2.65	24.33		Pass
		Mid	1	0	22.79	2.65	25.44		Pass
				25	22.49	2.65	25.14		Pass
				49	22.74	2.65	25.39		Pass
			25	0	21.59	2.65	24.24		Pass
				13	21.58	2.65	24.23		Pass
				25	21.56	2.65	24.21		Pass
			50	0	21.63	2.65	24.28		Pass
		High	1	0	22.53	2.65	25.18		Pass
				25	22.43	2.65	25.08		Pass
				49	22.44	2.65	25.09		Pass
			25	0	21.62	2.65	24.27		Pass
				13	21.62	2.65	24.27		Pass
				25	21.56	2.65	24.21		Pass
			50	0	21.60	2.65	24.25		Pass
	16QAM	Low	1	0	21.89	2.65	24.54	33.00	Pass
				25	21.60	2.65	24.25		Pass
				49	21.79	2.65	24.44		Pass
			25	0	20.77	2.65	23.42		Pass
				13	20.77	2.65	23.42		Pass
				25	20.79	2.65	23.44		Pass
			50	0	20.76	2.65	23.41		Pass
		Mid	1	0	22.27	2.65	24.92		Pass
				25	22.00	2.65	24.65		Pass
				49	22.25	2.65	24.90		Pass
			25	0	20.70	2.65	23.35		Pass
				13	20.76	2.65	23.41		Pass
				25	20.77	2.65	23.42		Pass
			50	0	20.78	2.65	23.43		Pass
		High	1	0	21.77	2.65	24.42		Pass
				25	21.70	2.65	24.35		Pass
				49	21.71	2.65	24.36		Pass
			25	0	20.81	2.65	23.46		Pass
				13	20.82	2.65	23.47		Pass
				25	20.84	2.65	23.49		Pass
			50	0	20.77	2.65	23.42		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	21.28	2.65	23.93	33.00	Pass
				25	21.04	2.65	23.69		Pass
				49	21.21	2.65	23.86		Pass
			25	0	19.83	2.65	22.48		Pass
				13	19.86	2.65	22.51		Pass
				25	19.81	2.65	22.46		Pass
			50	0	19.78	2.65	22.43		Pass
		Mid	1	0	21.09	2.65	23.74		Pass
				25	20.81	2.65	23.46		Pass
				49	21.04	2.65	23.69		Pass
			25	0	19.85	2.65	22.50		Pass
				13	19.83	2.65	22.48		Pass
				25	19.80	2.65	22.45		Pass
			50	0	19.80	2.65	22.45		Pass
		High	1	0	20.91	2.65	23.56		Pass
				25	20.86	2.65	23.51		Pass
				49	20.87	2.65	23.52		Pass
			25	0	19.88	2.65	22.53		Pass
				13	19.85	2.65	22.50		Pass
				25	19.84	2.65	22.49		Pass
			50	0	19.79	2.65	22.44		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	22.67	2.65	25.32	33.00	Pass
				38	22.50	2.65	25.15		Pass
				74	22.52	2.65	25.17		Pass
			36	0	21.65	2.65	24.30		Pass
				18	21.59	2.65	24.24		Pass
				39	21.55	2.65	24.20		Pass
			75	0	21.60	2.65	24.25		Pass
		Mid	1	0	22.65	2.65	25.30		Pass
				38	22.54	2.65	25.19		Pass
				74	22.53	2.65	25.18		Pass
			36	0	21.56	2.65	24.21		Pass
				18	21.54	2.65	24.19		Pass
				39	21.55	2.65	24.20		Pass
			75	0	21.53	2.65	24.18		Pass
		High	1	0	22.64	2.65	25.29		Pass
				38	22.53	2.65	25.18		Pass
				74	22.55	2.65	25.20		Pass
			36	0	21.60	2.65	24.25		Pass
				18	21.60	2.65	24.25		Pass
				39	21.55	2.65	24.20		Pass
			75	0	21.58	2.65	24.23		Pass
	16QAM	Low	1	0	21.75	2.65	24.40	33.00	Pass
				38	21.61	2.65	24.26		Pass
				74	21.66	2.65	24.31		Pass
			36	0	20.75	2.65	23.40		Pass
				18	20.71	2.65	23.36		Pass
				39	20.71	2.65	23.36		Pass
			75	0	20.71	2.65	23.36		Pass
		Mid	1	0	22.12	2.65	24.77		Pass
				38	22.04	2.65	24.69		Pass
				74	22.10	2.65	24.75		Pass
			36	0	20.73	2.65	23.38		Pass
				18	20.73	2.65	23.38		Pass
				39	20.71	2.65	23.36		Pass
			75	0	20.67	2.65	23.32		Pass
		High	1	0	22.28	2.65	24.93		Pass
				38	22.14	2.65	24.79		Pass
				74	22.23	2.65	24.88		Pass
			36	0	20.71	2.65	23.36		Pass
				18	20.69	2.65	23.34		Pass
				39	20.66	2.65	23.31		Pass
			75	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					
15	64QAM	Low	1	0	21.14	2.65	23.79	33.00	Pass
				38	21.02	2.65	23.67		Pass
				74	21.03	2.65	23.68		Pass
			36	0	19.78	2.65	22.43		Pass
				18	19.77	2.65	22.42		Pass
				39	19.79	2.65	22.44		Pass
			75	0	19.73	2.65	22.38		Pass
		Mid	1	0	20.93	2.65	23.58		Pass
				38	20.82	2.65	23.47		Pass
				74	20.86	2.65	23.51		Pass
			36	0	19.81	2.65	22.46		Pass
				18	19.77	2.65	22.42		Pass
				39	19.78	2.65	22.43		Pass
			75	0	19.70	2.65	22.35		Pass
		High	1	0	21.40	2.65	24.05		Pass
				38	21.30	2.65	23.95		Pass
				74	21.44	2.65	24.09		Pass
			36	0	19.75	2.65	22.40		Pass
				18	19.75	2.65	22.40		Pass
				39	19.69	2.65	22.34		Pass
			75	0	19.78	2.65	22.43		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	22.83	2.65	25.48	33.00	Pass
				50	22.52	2.65	25.17		Pass
				99	22.60	2.65	25.25		Pass
			50	0	21.68	2.65	24.33		Pass
				25	21.67	2.65	24.32		Pass
				50	21.61	2.65	24.26		Pass
			100	0	21.60	2.65	24.25		Pass
		Mid	1	0	22.75	2.65	25.40		Pass
				50	22.48	2.65	25.13		Pass
				99	22.68	2.65	25.33		Pass
			50	0	21.65	2.65	24.30		Pass
				25	21.64	2.65	24.29		Pass
				50	21.63	2.65	24.28		Pass
			100	0	21.62	2.65	24.27		Pass
		High	1	0	22.58	2.65	25.23		Pass
				50	22.46	2.65	25.11		Pass
				99	22.48	2.65	25.13		Pass
			50	0	21.66	2.65	24.31		Pass
				25	21.61	2.65	24.26		Pass
				50	21.59	2.65	24.24		Pass
			100	0	21.62	2.65	24.27		Pass
	16QAM	Low	1	0	22.51	2.65	25.16	33.00	Pass
				50	22.26	2.65	24.91		Pass
				99	22.34	2.65	24.99		Pass
			50	0	20.93	2.65	23.58		Pass
				25	20.83	2.65	23.48		Pass
				50	20.77	2.65	23.42		Pass
			100	0	20.76	2.65	23.41		Pass
		Mid	1	0	22.39	2.65	25.04		Pass
				50	22.14	2.65	24.79		Pass
				99	22.31	2.65	24.96		Pass
			50	0	20.78	2.65	23.43		Pass
				25	20.78	2.65	23.43		Pass
				50	20.82	2.65	23.47		Pass
			100	0	20.77	2.65	23.42		Pass
		High	1	0	22.21	2.65	24.86		Pass
				50	22.05	2.65	24.70		Pass
				99	22.15	2.65	24.80		Pass
			50	0	20.81	2.65	23.46		Pass
				25	20.78	2.65	23.43		Pass
				50	20.75	2.65	23.40		Pass
			100	0	20.81	2.65	23.46		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	21.36	2.65	24.01	33.00	Pass
				50	21.05	2.65	23.70		Pass
				99	21.15	2.65	23.80		Pass
			50	0	19.91	2.65	22.56		Pass
				25	19.86	2.65	22.51		Pass
				50	19.78	2.65	22.43		Pass
			100	0	19.77	2.65	22.42		Pass
		Mid	1	0	21.63	2.65	24.28		Pass
				50	21.41	2.65	24.06		Pass
				99	21.62	2.65	24.27		Pass
			50	0	19.81	2.65	22.46		Pass
				25	19.82	2.65	22.47		Pass
				50	19.83	2.65	22.48		Pass
			100	0	19.74	2.65	22.39		Pass
		High	1	0	21.04	2.65	23.69		Pass
				50	20.91	2.65	23.56		Pass
				99	20.97	2.65	23.62		Pass
			50	0	19.86	2.65	22.51		Pass
				25	19.78	2.65	22.43		Pass
				50	19.79	2.65	22.44		Pass
			100	0	19.82	2.65	22.47		Pass

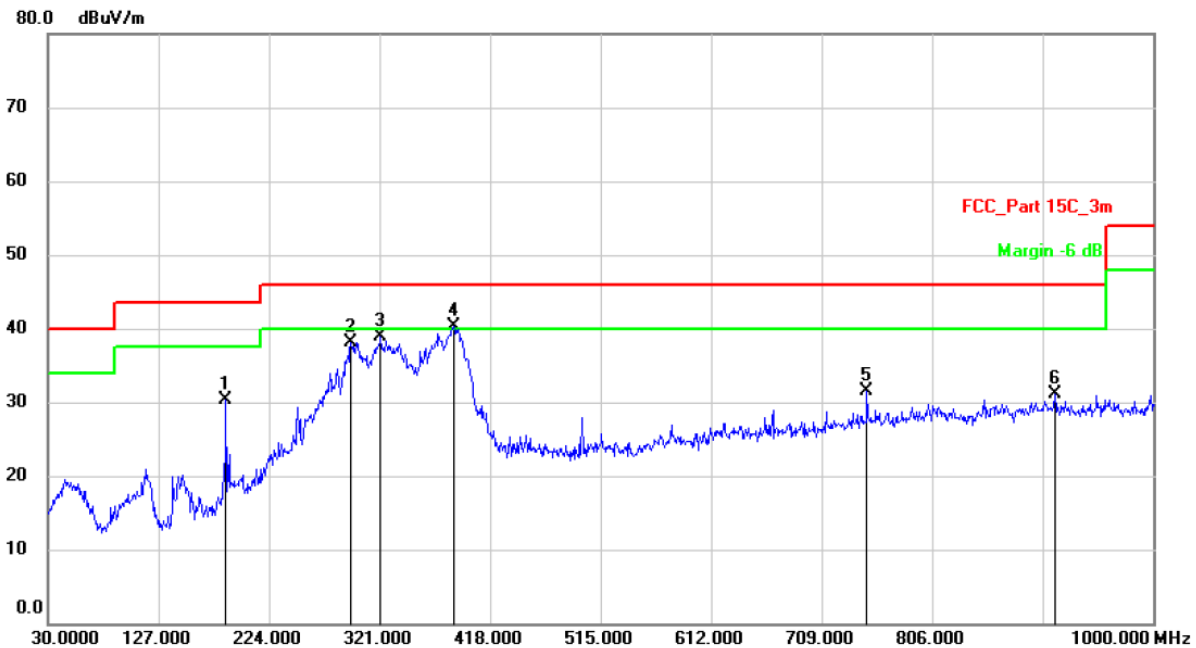
2. Field Strength of Spurious Radiation

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: 14:44:19



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		186.1700	40.70	-10.35	30.35	43.50	-13.15	QP	
2		295.7800	45.08	-6.90	38.18	46.00	-7.82	QP	
3		321.9700	45.00	-6.17	38.83	46.00	-7.17	QP	
4	*	385.9900	45.01	-4.72	40.29	46.00	-5.71	QP	
5		748.7700	29.54	2.03	31.57	46.00	-14.43	QP	
6		913.6700	27.12	4.03	31.15	46.00	-14.85	QP	

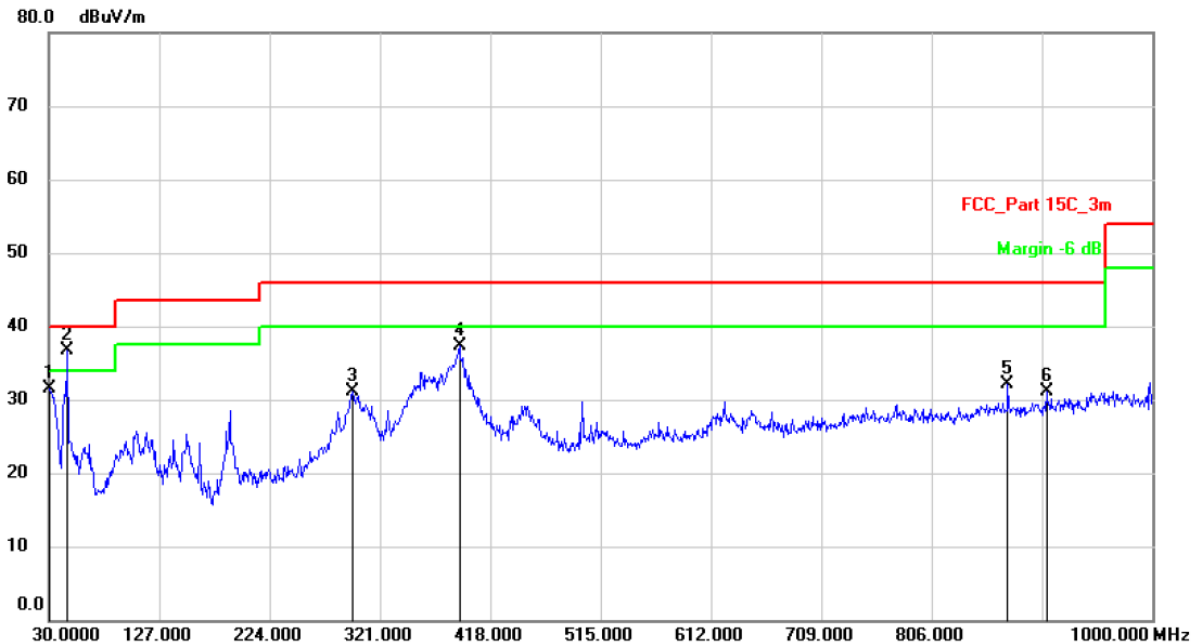
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

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: 14:51:30



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		30.9700	41.97	-10.54	31.43	40.00	-8.57	QP	
2	*	46.4900	44.28	-7.51	36.77	40.00	-3.23	QP	
3		296.7500	37.93	-6.87	31.06	46.00	-14.94	QP	
4		390.8400	41.87	-4.61	37.26	46.00	-8.74	QP	
5		872.9300	28.35	3.80	32.15	46.00	-13.85	QP	
6		906.8800	27.10	4.02	31.12	46.00	-14.88	QP	

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

LTE Band 2 / 20M / QPSK					
Channel	Frequency (MHz)	Polarization (H/V)	Meas. Level (dBm)	Limit (dBm)	Margin (dBm)
Lowest	3720.000	H	-49.40	-13	-36.40
	5580.000	H	-45.02	-13	-32.02

	3720.000	V	-49.21	-13	-36.21
	5580.000	V	-45.70	-13	-32.70

Middle	3760.000	H	-50.83	-13	-37.83
	5640.000	H	-47.34	-13	-34.34

	3760.000	V	-50.24	-13	-37.24
	5640.000	V	-47.12	-13	-34.12

Highest	3800.000	H	-49.97	-13	-36.97
	5700.000	H	-45.72	-13	-32.72

	3800.000	V	-48.02	-13	-35.02
	5700.000	V	-31.14	-13	-18.14

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---