

Appendix I

Test Results of LTE Band 26 (824-849 MHz)

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1. Conducted Output Power and EIRP

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
1.4	QPSK	Low	1	0	22.45	3.94	24.24	38.45	Pass
				2	22.48	3.94	24.27		Pass
				5	22.43	3.94	24.22		Pass
			3	0	22.47	3.94	24.26		Pass
				1	22.52	3.94	24.31		Pass
				2	22.46	3.94	24.25		Pass
			6	0	21.37	3.94	23.16		Pass
		Mid	1	0	22.37	3.94	24.16		Pass
				2	22.46	3.94	24.25		Pass
				5	22.38	3.94	24.17		Pass
			3	0	22.41	3.94	24.20		Pass
				1	22.52	3.94	24.31		Pass
				2	22.45	3.94	24.24		Pass
			6	0	21.42	3.94	23.21		Pass
		High	1	0	22.44	3.94	24.23		Pass
				2	22.47	3.94	24.26		Pass
				5	22.41	3.94	24.20		Pass
			3	0	22.48	3.94	24.27		Pass
				1	22.51	3.94	24.30		Pass
				2	22.43	3.94	24.22		Pass
			6	0	21.39	3.94	23.18		Pass
	16QAM	Low	1	0	21.64	3.94	23.43	38.45	Pass
				2	21.71	3.94	23.50		Pass
				5	21.64	3.94	23.43		Pass
			3	0	21.62	3.94	23.41		Pass
				1	21.68	3.94	23.47		Pass
				2	21.60	3.94	23.39		Pass
			6	0	20.65	3.94	22.44		Pass
		Mid	1	0	21.89	3.94	23.68		Pass
				2	21.93	3.94	23.72		Pass
				5	21.87	3.94	23.66		Pass
			3	0	21.77	3.94	23.56		Pass
				1	21.84	3.94	23.63		Pass
				2	21.75	3.94	23.54		Pass
			6	0	20.44	3.94	22.23		Pass
		High	1	0	21.50	3.94	23.29		Pass
				2	21.56	3.94	23.35		Pass
				5	21.53	3.94	23.32		Pass
			3	0	21.75	3.94	23.54		Pass
				1	21.84	3.94	23.63		Pass
				2	21.74	3.94	23.53		Pass
			6	0	20.67	3.94	22.46		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
1.4	64QAM	Low	1	0	20.65	3.94	22.44	38.45	Pass
				2	20.74	3.94	22.53		Pass
				5	20.59	3.94	22.38		Pass
			3	0	20.68	3.94	22.47		Pass
				1	20.78	3.94	22.57		Pass
				2	20.68	3.94	22.47		Pass
			6	0	19.84	3.94	21.63		Pass
		Mid	1	0	20.72	3.94	22.51		Pass
				2	20.78	3.94	22.57		Pass
				5	20.75	3.94	22.54		Pass
			3	0	20.56	3.94	22.35		Pass
				1	20.60	3.94	22.39		Pass
				2	20.53	3.94	22.32		Pass
			6	0	19.67	3.94	21.46		Pass
		High	1	0	20.93	3.94	22.72		Pass
				2	21.02	3.94	22.81		Pass
				5	20.90	3.94	22.69		Pass
			3	0	20.96	3.94	22.75		Pass
				1	21.04	3.94	22.83		Pass
				2	20.93	3.94	22.72		Pass
			6	0	19.56	3.94	21.35		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
3.0	QPSK	Low	1	0	22.54	3.94	24.33	38.45	Pass
				7	22.59	3.94	24.38		Pass
				14	22.51	3.94	24.30		Pass
			8	0	21.48	3.94	23.27		Pass
				4	21.52	3.94	23.31		Pass
				7	21.44	3.94	23.23		Pass
			15	0	21.45	3.94	23.24		Pass
		Mid	1	0	22.51	3.94	24.30		Pass
				7	22.53	3.94	24.32		Pass
				14	22.43	3.94	24.22		Pass
			8	0	21.51	3.94	23.30		Pass
				4	21.54	3.94	23.33		Pass
				7	21.46	3.94	23.25		Pass
			15	0	21.54	3.94	23.33		Pass
		High	1	0	22.49	3.94	24.28		Pass
				7	22.55	3.94	24.34		Pass
				14	22.51	3.94	24.30		Pass
			8	0	21.50	3.94	23.29		Pass
				4	21.54	3.94	23.33		Pass
				7	21.50	3.94	23.29		Pass
			15	0	21.55	3.94	23.34		Pass
	16QAM	Low	1	0	22.00	3.94	23.79	38.45	Pass
				7	22.05	3.94	23.84		Pass
				14	21.95	3.94	23.74		Pass
			8	0	20.67	3.94	22.46		Pass
				4	20.70	3.94	22.49		Pass
				7	20.61	3.94	22.40		Pass
			15	0	20.61	3.94	22.40		Pass
		Mid	1	0	21.66	3.94	23.45		Pass
				7	21.69	3.94	23.48		Pass
				14	21.59	3.94	23.38		Pass
			8	0	20.67	3.94	22.46		Pass
				4	20.67	3.94	22.46		Pass
				7	20.60	3.94	22.39		Pass
			15	0	20.58	3.94	22.37		Pass
		High	1	0	21.49	3.94	23.28		Pass
				7	21.55	3.94	23.34		Pass
				14	21.50	3.94	23.29		Pass
			8	0	20.73	3.94	22.52		Pass
				4	20.75	3.94	22.54		Pass
				7	20.69	3.94	22.48		Pass
			15	0	20.73	3.94	22.52		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
3.0	64QAM	Low	1	0	20.68	3.94	22.47	38.45	Pass
				7	20.81	3.94	22.60		Pass
				14	20.72	3.94	22.51		Pass
			8	0	19.64	3.94	21.43		Pass
				4	19.69	3.94	21.48		Pass
				7	16.63	3.94	18.42		Pass
			15	0	19.63	3.94	21.42		Pass
		Mid	1	0	20.81	3.94	22.60		Pass
				7	20.84	3.94	22.63		Pass
				14	20.79	3.94	22.58		Pass
			8	0	19.57	3.94	21.36		Pass
				4	19.63	3.94	21.42		Pass
				7	19.59	3.94	21.38		Pass
			15	0	19.67	3.94	21.46		Pass
		High	1	0	20.94	3.94	22.73		Pass
				7	20.99	3.94	22.78		Pass
				14	20.93	3.94	22.72		Pass
			8	0	19.71	3.94	21.50		Pass
				4	19.73	3.94	21.52		Pass
				7	19.70	3.94	21.49		Pass
			15	0	19.67	3.94	21.46		Pass

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	22.52	3.94	24.31	38.45	Pass
				13	22.49	3.94	24.28		Pass
				24	22.57	3.94	24.36		Pass
			12	0	21.55	3.94	23.34		Pass
				6	21.61	3.94	23.40		Pass
				11	21.59	3.94	23.38		Pass
			25	0	21.66	3.94	23.45		Pass
		Mid	1	0	22.58	3.94	24.37		Pass
				13	22.60	3.94	24.39		Pass
				24	22.52	3.94	24.31		Pass
			12	0	21.58	3.94	23.37		Pass
				6	21.58	3.94	23.37		Pass
				11	21.56	3.94	23.35		Pass
			25	0	21.56	3.94	23.35		Pass
		High	1	0	22.67	3.94	24.46		Pass
				13	22.64	3.94	24.43		Pass
				24	22.59	3.94	24.38		Pass
			12	0	21.60	3.94	23.39		Pass
				6	21.58	3.94	23.37		Pass
				11	21.58	3.94	23.37		Pass
			25	0	21.59	3.94	23.38		Pass
	16QAM	Low	1	0	22.15	3.94	23.94	38.45	Pass
				13	22.14	3.94	23.93		Pass
				24	22.21	3.94	24.00		Pass
			12	0	20.79	3.94	22.58		Pass
				6	20.85	3.94	22.64		Pass
				11	20.83	3.94	22.62		Pass
			25	0	20.80	3.94	22.59		Pass
		Mid	1	0	21.70	3.94	23.49		Pass
				13	21.74	3.94	23.53		Pass
				24	21.72	3.94	23.51		Pass
			12	0	20.72	3.94	22.51		Pass
				6	20.70	3.94	22.49		Pass
				11	20.70	3.94	22.49		Pass
			25	0	20.60	3.94	22.39		Pass
		High	1	0	21.82	3.94	23.61		Pass
				13	21.79	3.94	23.58		Pass
				24	21.77	3.94	23.56		Pass
			12	0	20.76	3.94	22.55		Pass
				6	20.77	3.94	22.56		Pass
				11	20.76	3.94	22.55		Pass
			25	0	20.70	3.94	22.49		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	20.94	3.94	22.73	38.45	Pass
				13	20.96	3.94	22.75		Pass
				24	20.98	3.94	22.77		Pass
			12	0	19.58	3.94	21.37		Pass
				6	19.67	3.94	21.46		Pass
				11	19.65	3.94	21.44		Pass
			25	0	19.72	3.94	21.51		Pass
		Mid	1	0	20.86	3.94	22.65		Pass
				13	20.91	3.94	22.70		Pass
				24	20.87	3.94	22.66		Pass
			12	0	19.75	3.94	21.54		Pass
				6	19.74	3.94	21.53		Pass
				11	19.74	3.94	21.53		Pass
			25	0	19.70	3.94	21.49		Pass
		High	1	0	20.63	3.94	22.42		Pass
				13	20.63	3.94	22.42		Pass
				24	20.56	3.94	22.35		Pass
			12	0	19.78	3.94	21.57		Pass
				6	19.78	3.94	21.57		Pass
				11	19.76	3.94	21.55		Pass
			25	0	19.71	3.94	21.50		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	22.52	3.94	24.31	38.45	Pass
				25	22.57	3.94	24.36		Pass
				49	22.50	3.94	24.29		Pass
			25	0	21.65	3.94	23.44		Pass
				13	21.64	3.94	23.43		Pass
				25	21.59	3.94	23.38		Pass
			50	0	21.63	3.94	23.42		Pass
		Mid	1	0	22.52	3.94	24.31		Pass
				25	22.47	3.94	24.26		Pass
				49	22.53	3.94	24.32		Pass
			25	0	21.56	3.94	23.35		Pass
				13	21.57	3.94	23.36		Pass
				25	21.53	3.94	23.32		Pass
			50	0	21.58	3.94	23.37		Pass
		High	1	0	22.49	3.94	24.28		Pass
				25	22.48	3.94	24.27		Pass
				49	22.48	3.94	24.27		Pass
			25	0	21.51	3.94	23.30		Pass
				13	21.61	3.94	23.40		Pass
				25	21.56	3.94	23.35		Pass
			50	0	21.51	3.94	23.30		Pass
	16QAM	Low	1	0	21.95	3.94	23.74	38.45	Pass
				25	22.02	3.94	23.81		Pass
				49	21.95	3.94	23.74		Pass
			25	0	20.80	3.94	22.59		Pass
				13	20.78	3.94	22.57		Pass
				25	20.73	3.94	22.52		Pass
			50	0	20.76	3.94	22.55		Pass
		Mid	1	0	21.68	3.94	23.47		Pass
				25	21.62	3.94	23.41		Pass
				49	21.68	3.94	23.47		Pass
			25	0	20.77	3.94	22.56		Pass
				13	20.75	3.94	22.54		Pass
				25	20.74	3.94	22.53		Pass
			50	0	20.71	3.94	22.50		Pass
		High	1	0	21.53	3.94	23.32		Pass
				25	21.50	3.94	23.29		Pass
				49	21.51	3.94	23.30		Pass
			25	0	20.60	3.94	22.39		Pass
				13	20.74	3.94	22.53		Pass
				25	20.70	3.94	22.49		Pass
			50	0	20.63	3.94	22.42		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
10	64QAM	Low	1	0	20.74	3.94	22.53	38.45	Pass
				25	20.70	3.94	22.49		Pass
				49	20.74	3.94	22.53		Pass
			25	0	19.83	3.94	21.62		Pass
				13	19.85	3.94	21.64		Pass
				25	19.79	3.94	21.58		Pass
			50	0	19.82	3.94	21.61		Pass
		Mid	1	0	20.85	3.94	22.64		Pass
				25	20.80	3.94	22.59		Pass
				49	20.84	3.94	22.63		Pass
			25	0	19.80	3.94	21.59		Pass
				13	19.82	3.94	21.61		Pass
				25	19.78	3.94	21.57		Pass
			50	0	19.70	3.94	21.49		Pass
		High	1	0	20.95	3.94	22.74		Pass
				25	20.93	3.94	22.72		Pass
				49	20.94	3.94	22.73		Pass
			25	0	19.74	3.94	21.53		Pass
				13	19.81	3.94	21.60		Pass
				25	19.77	3.94	21.56		Pass
			50	0	19.66	3.94	21.45		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
15	QPSK	Low	1	0	22.55	3.94	24.34	38.45	Pass
				38	22.57	3.94	24.36		Pass
				74	22.50	3.94	24.29		Pass
			36	0	21.61	3.94	23.40		Pass
				18	21.61	3.94	23.40		Pass
				39	21.54	3.94	23.33		Pass
			75	0	21.60	3.94	23.39		Pass
		Mid	1	0	22.65	3.94	24.44		Pass
				38	22.58	3.94	24.37		Pass
				74	22.59	3.94	24.38		Pass
			36	0	21.57	3.94	23.36		Pass
				18	21.60	3.94	23.39		Pass
				39	21.53	3.94	23.32		Pass
			75	0	21.53	3.94	23.32		Pass
		High	1	0	22.56	3.94	24.35		Pass
				38	22.54	3.94	24.33		Pass
				74	22.47	3.94	24.26		Pass
			36	0	21.56	3.94	23.35		Pass
				18	21.52	3.94	23.31		Pass
				39	21.54	3.94	23.33		Pass
			75	0	21.52	3.94	23.31		Pass
	16QAM	Low	1	0	22.02	3.94	23.81	38.45	Pass
				38	22.03	3.94	23.82		Pass
				74	21.96	3.94	23.75		Pass
			36	0	20.81	3.94	22.60		Pass
				18	20.79	3.94	22.58		Pass
				39	20.70	3.94	22.49		Pass
			75	0	20.67	3.94	22.46		Pass
		Mid	1	0	22.16	3.94	23.95		Pass
				38	22.07	3.94	23.86		Pass
				74	22.08	3.94	23.87		Pass
			36	0	20.68	3.94	22.47		Pass
				18	20.66	3.94	22.45		Pass
				39	20.57	3.94	22.36		Pass
			75	0	20.65	3.94	22.44		Pass
		High	1	0	21.59	3.94	23.38		Pass
				38	21.59	3.94	23.38		Pass
				74	21.50	3.94	23.29		Pass
			36	0	20.63	3.94	22.42		Pass
				18	20.64	3.94	22.43		Pass
				39	20.67	3.94	22.46		Pass
			75	0	20.65	3.94	22.44		Pass

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	ERP (dBm)	Limit (dBm)	Result
			Size	Offset					
15	64QAM	Low	1	0	20.79	3.94	22.58	38.45	Pass
				38	20.80	3.94	22.59		Pass
				74	20.72	3.94	22.51		Pass
			36	0	19.84	3.94	21.63		Pass
				18	19.84	3.94	21.63		Pass
				39	19.75	3.94	21.54		Pass
			75	0	19.74	3.94	21.53		Pass
		Mid	1	0	21.33	3.94	23.12		Pass
				38	21.24	3.94	23.03		Pass
				74	21.27	3.94	23.06		Pass
			36	0	19.71	3.94	21.50		Pass
				18	19.70	3.94	21.49		Pass
				39	19.66	3.94	21.45		Pass
			75	0	19.70	3.94	21.49		Pass
		High	1	0	20.99	3.94	22.78		Pass
				38	21.02	3.94	22.81		Pass
				74	20.90	3.94	22.69		Pass
			36	0	19.73	3.94	21.52		Pass
				18	19.70	3.94	21.49		Pass
				39	19.74	3.94	21.53		Pass
			75	0	19.66	3.94	21.45		Pass

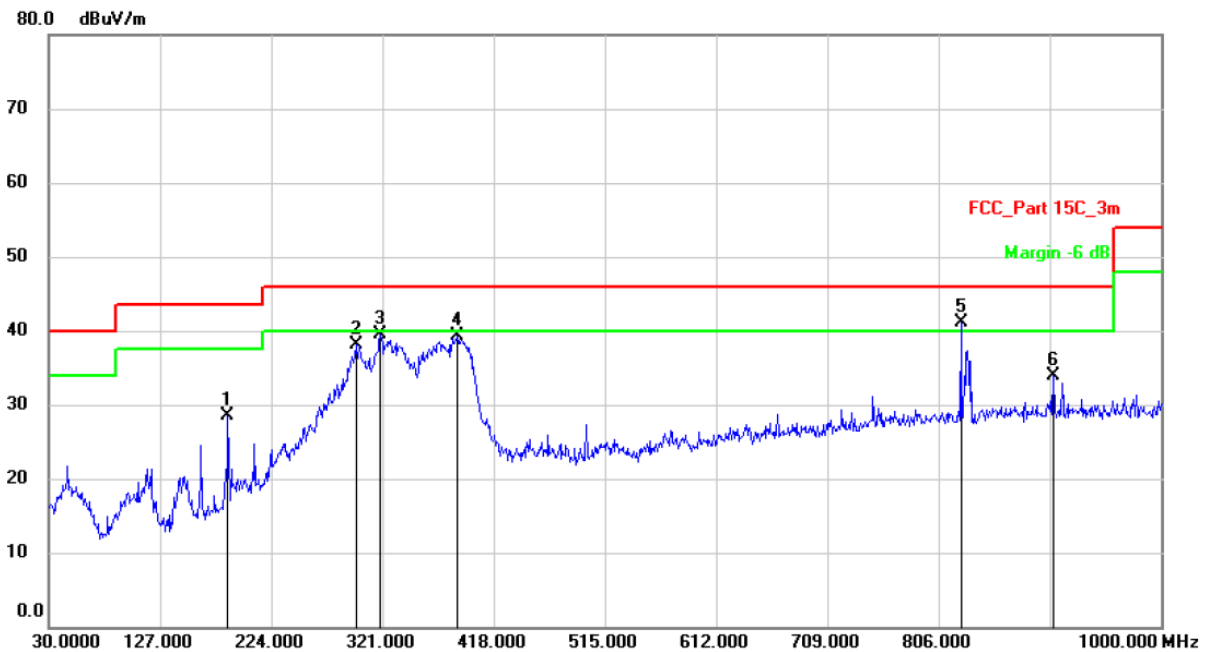
2. Field Strength of Spurious Radiation

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: 20:48:25



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	38.92	-10.35	28.57	43.50	-14.93	QP	
2		297.7200	44.93	-6.84	38.09	46.00	-7.91	QP	
3		319.0600	45.67	-6.26	39.41	46.00	-6.59	QP	
4		385.9900	43.96	-4.72	39.24	46.00	-6.76	QP	
5	*	825.4000	38.00	3.19	41.19	46.00	-4.81	QP	
6		905.9100	29.85	4.02	33.87	46.00	-12.13	QP	

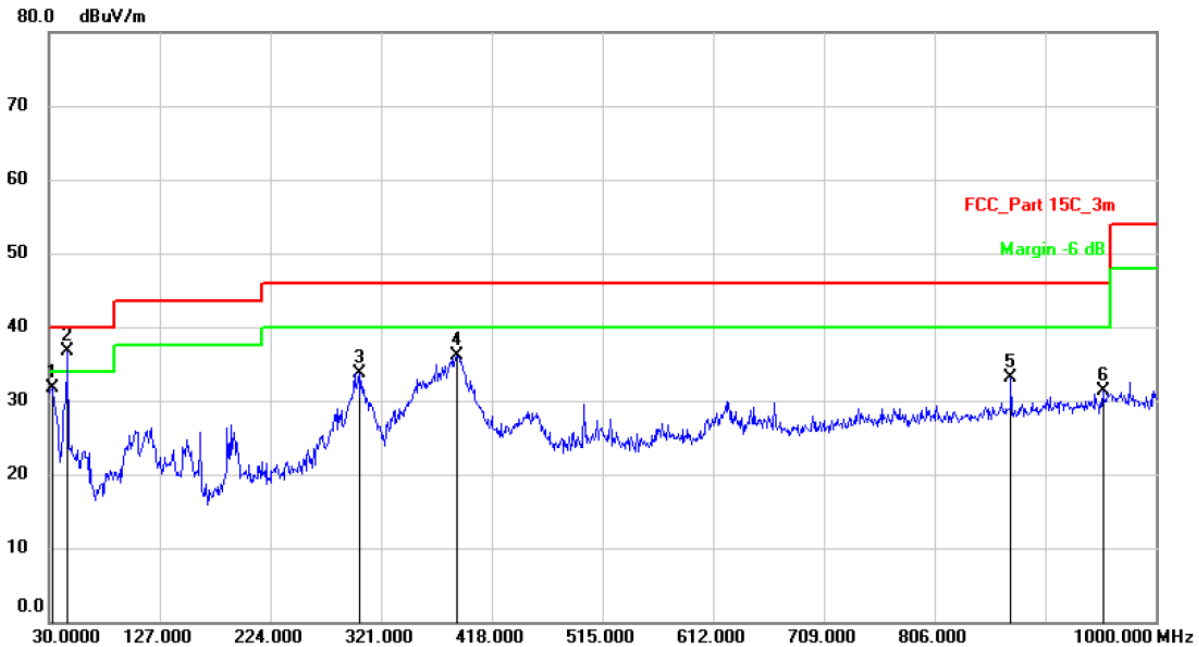
Note: Below 30MHz, the emissions are lower than 20dB below the allowable limit.

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: 20:55:39



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		32.9100	42.02	-10.38	31.64	40.00	-8.36	QP	
2	*	46.4900	44.16	-7.51	36.65	40.00	-3.35	QP	
3		301.6000	40.46	-6.75	33.71	46.00	-12.29	QP	
4		387.9300	40.80	-4.68	36.12	46.00	-9.88	QP	
5		872.9300	29.38	3.80	33.18	46.00	-12.82	QP	
6		953.4400	26.98	4.24	31.22	46.00	-14.78	QP	

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

LTE Band 26 (824-849 MHz) / 15M / QPSK					
Channel	Frequency (MHz)	Polarization (H/V)	Meas. Level (dBm)	Limit (dBm)	Margin (dBm)
Lowest	1663.000	H	-54.19	-13	-41.19
	2494.000	H	-49.82	-13	-36.82

	1663.000	V	-54.19	-13	-41.19
	2494.000	V	-50.01	-13	-37.01

Middle	1673.000	H	-54.59	-13	-41.59
	2509.500	H	-51.62	-13	-38.62

	1673.000	V	-53.19	-13	-40.19
	2509.500	V	-50.51	-13	-37.51

Highest	1683.000	H	-54.32	-13	-41.32
	2524.500	H	-51.74	-13	-38.74

	1683.000	V	-55.00	-13	-42.00
	2524.500	V	-51.65	-13	-38.65

---End---