

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 4: LTE Band 12		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 12 / 3MHz	CH 23025 700.5MHz	QPSK	1	0	0	24.36	0.332	3
				7		23.95	0.302	3
				14		24.03	0.308	3
			8	0	1	23.03	0.244	3
				4		23.03	0.244	3
				8		22.99	0.242	3
			15	0	1	23.07	0.247	3
		16-QAM	1	0	1	23.42	0.267	3
				7		23.17	0.252	3
				14		23.39	0.265	3
			8	0	2	22.01	0.193	3
				4		22.29	0.206	3
				8		22.44	0.213	3
			15	0	2	22.11	0.198	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 12 / 3MHz	CH 23095 707.5MHz	QPSK	1	0	0	24.14	0.316	3
				7		23.80	0.292	3
				14		23.88	0.297	3
			8	0	1	22.94	0.239	3
				4		22.87	0.236	3
				8		22.78	0.231	3
			15	0	1	22.78	0.231	3
		16-QAM	1	0	1	22.74	0.229	3
				7		22.43	0.213	3
				14		22.76	0.230	3
			8	0	2	22.27	0.205	3
				4		21.69	0.179	3
				8		21.57	0.175	3
			15	0	2	21.76	0.182	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 12 / 3MHz	CH 23165 714.5MHz	QPSK	1	0	0	24.20	0.320	3
				7		24.31	0.328	3
				14		24.34	0.330	3
			8	0	1	23.39	0.265	3
				4		23.31	0.261	3
				8		23.47	0.270	3
			15	0	1	23.46	0.270	3
		16-QAM	1	0	1	23.38	0.265	3
				7		23.49	0.272	3
				14		23.43	0.268	3
			8	0	2	22.39	0.211	3
				4		22.21	0.202	3
				8		22.32	0.207	3
			15	0	2	22.26	0.205	3

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 4: LTE Band 12		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 12 / 5MHz	CH 23035 701.5MHz	QPSK	1	0	0	24.18	0.318	3
				12		23.81	0.292	3
				24		23.95	0.302	3
			12	0	1	23.06	0.246	3
				6		23.05	0.245	3
				13		22.99	0.242	3
			25	0	1	23.10	0.248	3
		16-QAM	1	0	1	22.66	0.224	3
				12		23.21	0.255	3
				24		23.00	0.243	3
			12	0	2	22.06	0.195	3
				6		22.06	0.195	3
				13		22.09	0.197	3
			25	0	2	22.39	0.211	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 12 / 5MHz	CH 23095 707.5MHz	QPSK	1	0	0	23.89	0.298	3
				12		23.55	0.275	3
				24		23.58	0.277	3
			12	0	1	23.58	0.277	3
				6		22.88	0.236	3
				13		22.77	0.230	3
			25	0	1	22.76	0.230	3
		16-QAM	1	0	1	23.18	0.253	3
				12		22.44	0.213	3
				24		21.68	0.179	3
			12	0	2	21.88	0.187	3
				6		21.84	0.186	3
				13		21.65	0.178	3
			25	0	2	21.69	0.179	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 12 / 5MHz	CH 23155 713.5MHz	QPSK	1	0	0	23.72	0.286	3
				12		24.15	0.316	3
				24		24.23	0.322	3
			12	0	1	22.96	0.240	3
				6		23.04	0.245	3
				13		23.30	0.260	3
			25	0	1	23.15	0.251	3
		16-QAM	1	0	1	23.43	0.268	3
				12		23.61	0.279	3
				24		24.02	0.307	3
			12	0	2	21.98	0.192	3
				6		21.98	0.192	3
				13		22.33	0.208	3
			25	0	2	22.20	0.202	3

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 4: LTE Band 12		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 12 / 10MHz	CH 23060 704MHz	QPSK	1	0	0	24.31	0.328	3
				24		24.20	0.320	3
				49		23.57	0.277	3
			25	0	1	23.15	0.251	3
				12		23.05	0.245	3
				25		22.81	0.232	3
			50	0	1	23.09	0.248	3
		16-QAM	1	0	1	23.52	0.274	3
				24		24.06	0.310	3
				49		22.89	0.237	3
			25	0	2	22.35	0.209	3
				12		22.31	0.207	3
				25		21.82	0.185	3
			50	0	2	22.11	0.198	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 12 / 10MHz	CH 23095 707.5MHz	QPSK	1	0	0	24.02	0.307	3
				24		24.13	0.315	3
				49		23.99	0.305	3
			25	0	1	22.83	0.233	3
				12		22.85	0.234	3
				25		22.93	0.239	3
			50	0	1	22.81	0.232	3
		16-QAM	1	0	1	22.90	0.237	3
				24		22.42	0.212	3
				49		22.95	0.240	3
			25	0	2	21.98	0.192	3
				12		22.04	0.195	3
				25		21.98	0.192	3
			50	0	2	21.78	0.183	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 12 / 10MHz	CH 23130 711MHz	QPSK	1	0	0	23.97	0.303	3
				24		24.03	0.308	3
				49		24.27	0.325	3
			25	0	1	22.79	0.231	3
				12		22.80	0.232	3
				25		23.24	0.256	3
			50	0	1	23.00	0.243	3
		16-QAM	1	0	1	22.87	0.236	3
				24		23.22	0.255	3
				49		23.52	0.274	3
			25	0	2	22.01	0.193	3
				12		21.85	0.186	3
				25		22.49	0.216	3
			50	0	2	22.01	0.193	3

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 5: LTE Band 13		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 13 / 5MHz	CH 23205 779.5MHz	QPSK	1	0	0	24.04	0.308	3
				12		24.14	0.316	3
				24		24.47	0.340	3
			12	0	1	23.26	0.258	3
				6		23.25	0.257	3
				13		23.60	0.279	3
			25	0	1	23.32	0.261	3
		16-QAM	1	0	1	23.79	0.291	3
				12		23.92	0.300	3
				24		24.41	0.336	3
			12	0	2	22.41	0.212	3
				6		22.33	0.208	3
				13		22.56	0.219	3
			25	0	2	22.33	0.208	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 13 / 5MHz	CH 23230 782MHz	QPSK	1	0	0	24.20	0.320	3
				12		24.71	0.360	3
				24		24.59	0.350	3
			12	0	1	23.58	0.277	3
				6		23.48	0.271	3
				13		23.53	0.274	3
			25	0	1	23.55	0.275	3
		16-QAM	1	0	1	23.10	0.248	3
				12		23.80	0.292	3
				24		23.60	0.279	3
			12	0	2	22.29	0.206	3
				6		22.53	0.218	3
				13		22.63	0.223	3
			25	0	2	22.53	0.218	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 13 / 5MHz	CH 23255 784.5MHz	QPSK	1	0	0	24.45	0.339	3
				12		24.36	0.332	3
				24		24.41	0.336	3
			12	0	1	23.53	0.274	3
				6		23.47	0.270	3
				13		23.35	0.263	3
			25	0	1	23.41	0.267	3
		16-QAM	1	0	1	23.28	0.259	3
				12		23.53	0.274	3
				24		23.05	0.245	3
			12	0	2	22.44	0.213	3
				6		22.45	0.214	3
				13		22.29	0.206	3
			25	0	2	22.50	0.216	3

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 5: LTE Band 13		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 13 / 10MHz	CH 23230 782MHz	QPSK	1	0	0	23.94	0.301	3
				24		24.69	0.358	3
				49		24.25	0.324	3
			25	0	1	23.27	0.258	3
				12		23.33	0.262	3
				25		23.48	0.271	3
			50	0	1	23.38	0.265	3
		16-QAM	1	0	1	23.41	0.267	3
				24		24.12	0.314	3
				49		23.39	0.265	3
			25	0	2	22.24	0.204	3
				12		22.31	0.207	3
				25		22.58	0.220	3
			50	0	2	22.63	0.223	3

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 6: LTE Band 14		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 14 / 5MHz	CH 23305 790.5MHz	QPSK	1	0	0	24.01	0.306	3
				12		24.15	0.316	3
				24		23.93	0.301	3
			12	0	1	23.29	0.259	3
				6		23.28	0.259	3
				13		23.26	0.258	3
			25	0	1	23.28	0.259	3
		16-QAM	1	0	1	22.87	0.236	3
				12		22.95	0.240	3
				24		23.03	0.244	3
			12	0	2	22.11	0.198	3
				6		22.28	0.206	3
				13		22.26	0.205	3
			25	0	2	22.22	0.203	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 14 / 5MHz	CH 23330 793MHz	QPSK	1	0	0	24.04	0.308	3
				12		24.11	0.313	3
				24		23.91	0.299	3
			12	0	1	23.21	0.255	3
				6		23.22	0.255	3
				13		23.18	0.253	3
			25	0	1	23.18	0.253	3
		16-QAM	1	0	1	22.58	0.220	3
				12		23.32	0.261	3
				24		22.65	0.224	3
			12	0	2	22.17	0.200	3
				6		22.09	0.197	3
				13		22.16	0.200	3
			25	0	2	22.25	0.204	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 14 / 5MHz	CH 23355 795.5MHz	QPSK	1	0	0	23.79	0.291	3
				12		23.97	0.303	3
				24		23.89	0.298	3
			12	0	1	23.17	0.252	3
				6		23.2	0.254	3
				13		23.34	0.262	3
			25	0	1	23.26	0.258	3
		16-QAM	1	0	1	23.86	0.296	3
				12		24.07	0.310	3
				24		24.03	0.308	3
			12	0	2	22.24	0.204	3
				6		22.08	0.196	3
				13		22.26	0.205	3
			25	0	2	22.07	0.196	3

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 6: LTE Band 14		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 14 / 10MHz	CH 23330 793MHz	QPSK	1	0	0	24.04	0.308	3
				24		24.36	0.332	3
				49		24.12	0.314	3
			25	0	1	23.25	0.257	3
				12		23.25	0.257	3
				25		23.24	0.256	3
			50	0	1	23.17	0.252	3
		16-QAM	1	0	1	23.66	0.282	3
				24		23.74	0.288	3
				49		23.46	0.270	3
			25	0	2	22.21	0.202	3
				12		22.39	0.211	3
				25		22.31	0.207	3
			50	0	2	22.21	0.202	3

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 7: LTE Band 66		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 1.4MHz	CH 131979 1710.7MHz	QPSK	1	0	0	24.12	0.578	1
				2		24.01	0.564	1
				5		24.15	0.582	1
			3	0	0	24.00	0.562	1
				1		24.00	0.562	1
				3		24.05	0.569	1
			6	0	1	22.82	0.429	1
		16-QAM	1	0	1	23.62	0.515	1
				2		23.12	0.459	1
				5		23.13	0.460	1
			3	0	1	23.18	0.466	1
				1		23.03	0.450	1
				3		23.05	0.452	1
			6	0	2	21.96	0.352	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 1.4MHz	CH 132322 1745MHz	QPSK	1	0	0	24.26	0.597	1
				2		24.39	0.615	1
				5		24.31	0.604	1
			3	0	0	24.17	0.585	1
				1		24.17	0.585	1
				3		24.23	0.593	1
			6	0	1	23.05	0.452	1
		16-QAM	1	0	1	23.36	0.485	1
				2		23.33	0.482	1
				5		23.22	0.470	1
			3	0	1	23.35	0.484	1
				1		23.35	0.484	1
				3		23.41	0.491	1
			6	0	2	22.04	0.358	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 1.4MHz	CH 132665 1779.3MHz	QPSK	1	0	0	24.19	0.587	1
				2		24.16	0.583	1
				5		24.16	0.583	1
			3	0	0	24.16	0.583	1
				1		24.23	0.593	1
				3		24.16	0.583	1
			6	0	1	22.98	0.445	1
		16-QAM	1	0	1	22.79	0.426	1
				2		23.29	0.478	1
				5		23.14	0.461	1
			3	0	1	23.04	0.451	1
				1		23.04	0.451	1
				3		23.08	0.455	1
			6	0	2	21.87	0.344	1

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 7: LTE Band 66		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 3MHz	CH 131987 1711.5MHz	QPSK	1	0	0	23.96	0.557	1
				7		24.11	0.577	1
				14		24.13	0.579	1
			8	0	1	23.04	0.451	1
				4		23.04	0.451	1
				8		23.07	0.454	1
			15	0	1	23.04	0.451	1
		16-QAM	1	0	1	23.46	0.497	1
				7		23.48	0.499	1
				14		23.39	0.489	1
			8	0	2	22.34	0.384	1
				4		22.17	0.369	1
				8		22.27	0.378	1
			15	0	2	22.23	0.374	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 3MHz	CH 132322 1745MHz	QPSK	1	0	0	24.45	0.624	1
				7		24.43	0.621	1
				14		24.46	0.625	1
			8	0	1	23.38	0.488	1
				4		23.47	0.498	1
				8		23.27	0.475	1
			15	0	1	23.43	0.493	1
		16-QAM	1	0	1	23.48	0.499	1
				7		23.52	0.504	1
				14		23.48	0.499	1
			8	0	2	22.29	0.379	1
				4		22.30	0.380	1
				8		22.37	0.386	1
			15	0	2	22.20	0.372	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 3MHz	CH 132657 1778.5MHz	QPSK	1	0	0	24.04	0.568	1
				7		24.09	0.574	1
				14		24.05	0.569	1
			8	0	1	22.99	0.446	1
				4		23.00	0.447	1
				8		23.14	0.461	1
			15	0	1	23.03	0.450	1
		16-QAM	1	0	1	22.94	0.441	1
				7		22.85	0.432	1
				14		22.79	0.426	1
			8	0	2	21.89	0.346	1
				4		22.02	0.356	1
				8		22.00	0.355	1
			15	0	2	22.04	0.358	1

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 7: LTE Band 66		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 5MHz	CH 131997 1712.5MHz	QPSK	1	0	0	23.99	0.561	1
				12		24.16	0.583	1
				24		24.08	0.573	1
			12	0	1	23.00	0.447	1
				6		23.01	0.448	1
				13		23.09	0.456	1
			25	0	1	23.00	0.447	1
		16-QAM	1	0	1	22.86	0.433	1
				12		22.84	0.431	1
				24		23.67	0.521	1
			12	0	2	22.18	0.370	1
				6		22.18	0.370	1
				13		22.28	0.378	1
			25	0	2	22.02	0.356	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 5MHz	CH 132322 1745MHz	QPSK	1	0	0	24.26	0.597	1
				12		24.42	0.619	1
				24		24.29	0.601	1
			12	0	1	23.23	0.471	1
				6		23.42	0.492	1
				13		23.36	0.485	1
			25	0	1	23.40	0.490	1
		16-QAM	1	0	1	23.43	0.493	1
				12		23.09	0.456	1
				24		22.93	0.440	1
			12	0	2	22.22	0.373	1
				6		22.33	0.383	1
				13		22.32	0.382	1
			25	0	2	22.39	0.388	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 5MHz	CH 132647 1777.5MHz	QPSK	1	0	0	23.85	0.543	1
				12		23.94	0.555	1
				24		23.75	0.531	1
			12	0	1	22.99	0.446	1
				6		23.02	0.449	1
				13		22.95	0.442	1
			25	0	1	22.94	0.441	1
		16-QAM	1	0	1	22.74	0.421	1
				12		23.59	0.512	1
				24		23.30	0.479	1
			12	0	2	22.12	0.365	1
				6		22.02	0.356	1
				13		22.17	0.369	1
			25	0	2	22.17	0.369	1

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 7: LTE Band 66		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 10MHz	CH 132022 1715MHz	QPSK	1	0	0	23.86	0.545	1
				24		24.19	0.587	1
				49		24.18	0.586	1
			25	0	1	23.01	0.448	1
				12		23.01	0.448	1
				25		23.12	0.459	1
			50	0	1	22.97	0.444	1
		16-QAM	1	0	1	23.35	0.484	1
				24		23.14	0.461	1
				49		23.42	0.492	1
			25	0	2	22.04	0.358	1
				12		22.06	0.360	1
				25		22.24	0.375	1
			50	0	2	22.15	0.367	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 10MHz	CH 132322 1745MHz	QPSK	1	0	0	24.43	0.621	1
				24		24.49	0.630	1
				49		24.41	0.618	1
			25	0	1	23.32	0.481	1
				12		23.32	0.481	1
				25		23.44	0.494	1
			50	0	1	23.35	0.484	1
		16-QAM	1	0	1	23.38	0.488	1
				24		23.36	0.485	1
				49		23.06	0.453	1
			25	0	2	22.67	0.414	1
				12		22.54	0.402	1
				25		22.50	0.398	1
			50	0	2	22.33	0.383	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 10MHz	CH 132622 1775MHz	QPSK	1	0	0	23.88	0.547	1
				24		24.00	0.562	1
				49		23.79	0.536	1
			25	0	1	22.92	0.439	1
				12		22.93	0.440	1
				25		22.90	0.437	1
			50	0	1	22.92	0.439	1
		16-QAM	1	0	1	23.01	0.448	1
				24		23.45	0.495	1
				49		22.82	0.429	1
			25	0	2	22.00	0.355	1
				12		21.96	0.352	1
				25		22.09	0.362	1
			50	0	2	22.02	0.356	1

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 7: LTE Band 66		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 15MHz	CH 132047 1717.5MHz	QPSK	1	0	0	23.96	0.557	1
				37		24.30	0.603	1
				74		24.04	0.568	1
			36	0	1	23.08	0.455	1
				19		23.07	0.454	1
				38		23.19	0.467	1
			75	0	1	23.10	0.457	1
		16-QAM	1	0	1	23.35	0.484	1
				37		23.57	0.509	1
				74		23.41	0.491	1
			36	0	2	22.05	0.359	1
				19		22.04	0.358	1
				38		22.21	0.372	1
			75	0	2	22.14	0.366	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 15MHz	CH 132322 1745MHz	QPSK	1	0	0	24.40	0.617	1
				37		24.40	0.617	1
				74		24.34	0.608	1
			36	0	1	23.26	0.474	1
				19		23.27	0.475	1
				38		23.38	0.488	1
			75	0	1	23.27	0.475	1
		16-QAM	1	0	1	23.37	0.486	1
				37		23.62	0.515	1
				74		23.58	0.511	1
			36	0	2	22.37	0.386	1
				19		22.38	0.387	1
				38		22.59	0.406	1
			75	0	2	22.43	0.392	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 15MHz	CH 132597 1772.5MHz	QPSK	1	0	0	23.72	0.527	1
				37		23.72	0.527	1
				74		23.90	0.550	1
			36	0	1	23.09	0.456	1
				19		23.03	0.450	1
				38		22.90	0.437	1
			75	0	1	22.93	0.440	1
		16-QAM	1	0	1	23.03	0.450	1
				37		22.88	0.435	1
				74		22.55	0.403	1
			36	0	2	21.98	0.353	1
				19		21.90	0.347	1
				38		22.06	0.360	1
			75	0	2	22.02	0.356	1

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 7: LTE Band 66		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 20MHz	CH 132072 1720MHz	QPSK	1	0	0	23.79	0.536	1
				49		24.36	0.611	1
				99		23.99	0.561	1
			50	0	1	23.02	0.449	1
				25		23.02	0.449	1
				50		23.24	0.472	1
			100	0	1	23.09	0.456	1
		16-QAM	1	0	1	22.77	0.424	1
				49		23.12	0.459	1
				99		23.18	0.466	1
			50	0	2	22.11	0.364	1
				25		22.11	0.364	1
				50		22.22	0.373	1
			100	0	2	22.21	0.372	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 20MHz	CH 132322 1745MHz	QPSK	1	0	0	24.11	0.577	1
				49		24.56	0.640	1
				99		24.08	0.573	1
			50	0	1	23.36	0.485	1
				25		23.36	0.485	1
				50		23.40	0.490	1
			100	0	1	23.30	0.479	1
		16-QAM	1	0	1	23.46	0.497	1
				49		23.89	0.548	1
				99		23.58	0.511	1
			50	0	2	22.38	0.387	1
				25		22.40	0.389	1
				50		22.36	0.385	1
			100	0	2	22.36	0.385	1

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) EIRP	Limit (W) EIRP
Band 66 / 20MHz	CH 132572 1770MHz	QPSK	1	0	0	24.05	0.569	1
				49		24.17	0.585	1
				99		24.20	0.589	1
			50	0	1	23.08	0.455	1
				25		23.08	0.455	1
				50		22.98	0.445	1
			100	0	1	23.08	0.455	1
		16-QAM	1	0	1	22.99	0.446	1
				49		22.92	0.439	1
				99		22.76	0.423	1
			50	0	2	22.17	0.369	1
				25		22.16	0.368	1
				50		22.06	0.360	1
			100	0	2	22.19	0.371	1

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 8: LTE Band 71		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 / 5MHz	CH 133147 665.5MHz	QPSK	1	0	0	23.88	0.297	3
				12		24.26	0.324	3
				24		24.01	0.306	3
			12	0	1	23.28	0.259	3
				6		23.27	0.258	3
				13		23.21	0.255	3
			25	0	1	23.27	0.258	3
		16-QAM	1	0	1	23.04	0.245	3
				12		23.07	0.247	3
				24		22.84	0.234	3
			12	0	2	22.33	0.208	3
				6		22.34	0.208	3
				13		22.20	0.202	3
			25	0	2	22.34	0.208	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 / 5MHz	CH 133297 680.5MHz	QPSK	1	0	0	23.67	0.283	3
				12		23.63	0.281	3
				24		23.40	0.266	3
			12	0	1	22.86	0.235	3
				6		22.79	0.231	3
				13		22.62	0.222	3
			25	0	1	22.75	0.229	3
		16-QAM	1	0	1	22.51	0.217	3
				12		23.39	0.265	3
				24		23.03	0.244	3
			12	0	2	21.85	0.186	3
				6		21.86	0.187	3
				13		21.67	0.179	3
			25	0	2	21.83	0.185	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 / 5MHz	CH 133447 695.5MHz	QPSK	1	0	0	23.26	0.258	3
				12		23.37	0.264	3
				24		23.13	0.250	3
			12	0	1	22.55	0.219	3
				6		22.54	0.218	3
				13		22.39	0.211	3
			25	0	1	22.56	0.219	3
		16-QAM	1	0	1	22.30	0.207	3
				12		22.63	0.223	3
				24		22.08	0.196	3
			12	0	2	21.55	0.174	3
				6		21.55	0.174	3
				13		21.44	0.169	3
			25	0	2	21.51	0.172	3

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 8: LTE Band 71		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 / 10MHz	CH 133172 668MHz	QPSK	1	0	0	24.29	0.327	3
				24		24.19	0.319	3
				49		24.14	0.316	3
			25	0	1	23.26	0.258	3
				12		23.26	0.258	3
				25		23.09	0.248	3
			50	0	1	23.14	0.251	3
		16-QAM	1	0	1	23.22	0.255	3
				24		23.31	0.261	3
				49		23.16	0.252	3
			25	0	2	22.30	0.207	3
				12		22.31	0.207	3
				25		22.21	0.202	3
			50	0	2	22.31	0.207	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 / 10MHz	CH 133297 680.5MHz	QPSK	1	0	0	24.23	0.322	3
				24		24.04	0.308	3
				49		23.78	0.290	3
			25	0	1	22.96	0.240	3
				12		22.98	0.242	3
				25		22.66	0.224	3
			50	0	1	22.72	0.228	3
		16-QAM	1	0	1	22.93	0.239	3
				24		22.70	0.226	3
				49		22.35	0.209	3
			25	0	2	22.05	0.195	3
				12		21.55	0.174	3
				25		21.67	0.179	3
			50	0	2	21.80	0.184	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 / 10MHz	CH 133422 693MHz	QPSK	1	0	0	23.37	0.264	3
				24		23.51	0.273	3
				49		23.35	0.263	3
			25	0	1	22.47	0.215	3
				12		22.56	0.219	3
				25		22.54	0.218	3
			50	0	1	22.53	0.218	3
		16-QAM	1	0	1	22.20	0.202	3
				24		22.26	0.205	3
				49		22.22	0.203	3
			25	0	2	21.52	0.173	3
				12		21.61	0.176	3
				25		21.46	0.170	3
			50	0	2	21.55	0.174	3

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 8: LTE Band 71		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 / 15MHz	CH 133197 670.5MHz	QPSK	1	0	0	24.15	0.316	3
				37		24.13	0.315	3
				74		24.06	0.310	3
			36	0	1	23.15	0.251	3
				19		23.14	0.251	3
				38		23.11	0.249	3
			75	0	1	23.05	0.245	3
		16-QAM	1	0	1	22.81	0.232	3
				37		22.94	0.239	3
				74		22.91	0.238	3
			36	0	2	22.18	0.201	3
				19		22.18	0.201	3
				38		22.08	0.196	3
			75	0	2	22.08	0.196	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 / 15MHz	CH 133297 680.5MHz	QPSK	1	0	0	23.88	0.297	3
				37		23.53	0.274	3
				74		23.65	0.282	3
			36	0	1	23.00	0.243	3
				19		22.93	0.239	3
				38		22.63	0.223	3
			75	0	1	22.73	0.228	3
		16-QAM	1	0	1	23.00	0.243	3
				37		23.20	0.254	3
				74		22.31	0.207	3
			36	0	2	21.92	0.189	3
				19		21.92	0.189	3
				38		21.58	0.175	3
			75	0	2	21.76	0.182	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 / 15MHz	CH 133397 690.5MHz	QPSK	1	0	0	23.28	0.259	3
				37		23.42	0.267	3
				74		23.33	0.262	3
			36	0	1	22.67	0.225	3
				19		22.62	0.222	3
				38		22.63	0.223	3
			75	0	1	22.52	0.217	3
		16-QAM	1	0	1	22.35	0.209	3
				37		22.46	0.214	3
				74		21.68	0.179	3
			36	0	2	21.45	0.170	3
				19		21.43	0.169	3
				38		21.72	0.181	3
			75	0	2	21.51	0.172	3

Product	LE910C4-NF		
Test Item	RF Output Power		
Test Mode	Mode 8: LTE Band 71		
Date of Test	2019/11/26	Test Site	SR10-H
Temperature:	23 °C	Humidity:	61%

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 / 20MHz	CH 133222 673MHz	QPSK	1	0	0	24.05	0.309	3
				49		24.10	0.313	3
				99		23.39	0.265	3
			50	0	1	23.14	0.251	3
				25		22.98	0.242	3
				50		23.01	0.243	3
			100	0	1	23.13	0.250	3
		16-QAM	1	0	1	22.89	0.237	3
				49		22.86	0.235	3
				99		22.42	0.212	3
			50	0	2	22.19	0.201	3
				25		22.19	0.201	3
				50		22.06	0.195	3
			100	0	2	22.13	0.199	3

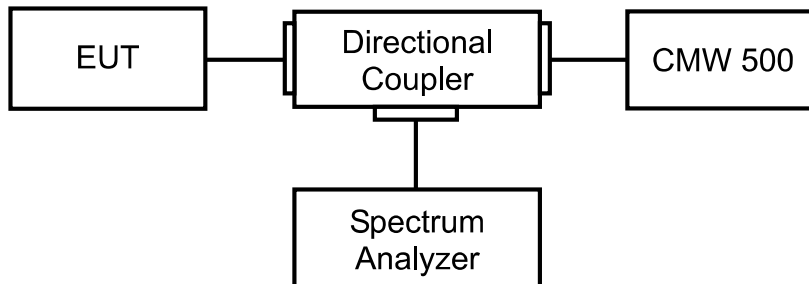
Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 / 20MHz	CH 133297 680.5MHz	QPSK	1	0	0	23.66	0.282	3
				49		23.68	0.284	3
				99		23.26	0.258	3
			50	0	1	22.93	0.239	3
				25		22.94	0.239	3
				50		22.57	0.220	3
			100	0	1	22.68	0.225	3
		16-QAM	1	0	1	22.78	0.231	3
				49		22.62	0.222	3
				99		21.75	0.182	3
			50	0	2	21.86	0.187	3
				25		21.79	0.184	3
				50		21.50	0.172	3
			100	0	2	21.65	0.178	3

Band	Channel Freq. (MHz)	Modulation	RB No.	RB offset	MPR	Conducted Output Power (dBm)	RF Output Power (W) ERP	Limit (W) ERP
Band 71 / 20MHz	CH 133371 688MHz	QPSK	1	0	0	23.39	0.265	3
				49		23.27	0.258	3
				99		23.18	0.253	3
			50	0	1	22.62	0.222	3
				25		22.61	0.222	3
				50		22.60	0.221	3
			100	0	1	22.54	0.218	3
		16-QAM	1	0	1	22.56	0.219	3
				49		22.46	0.214	3
				99		21.70	0.180	3
			50	0	2	21.60	0.176	3
				25		21.67	0.179	3
				50		21.64	0.177	3
			100	0	2	21.45	0.170	3

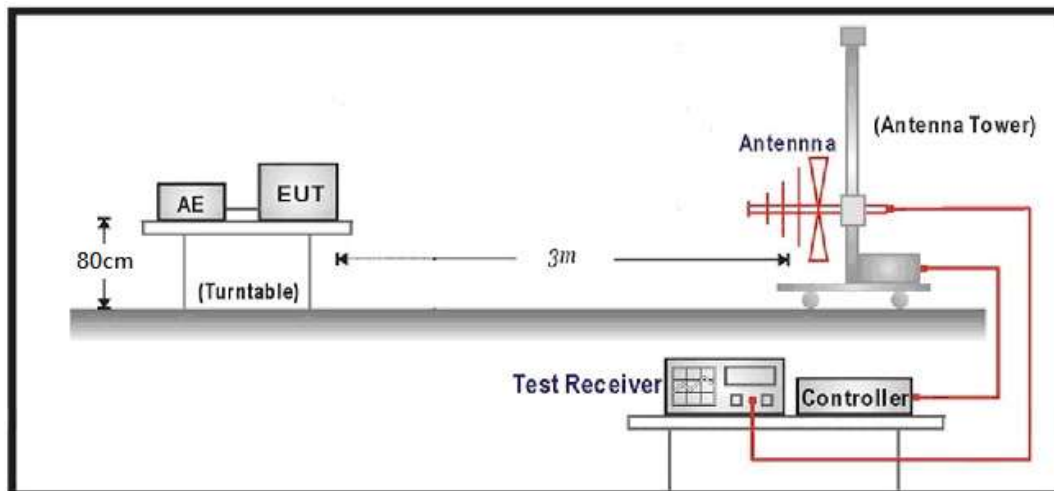
4. Spurious Emissions

4.1. Test Setup

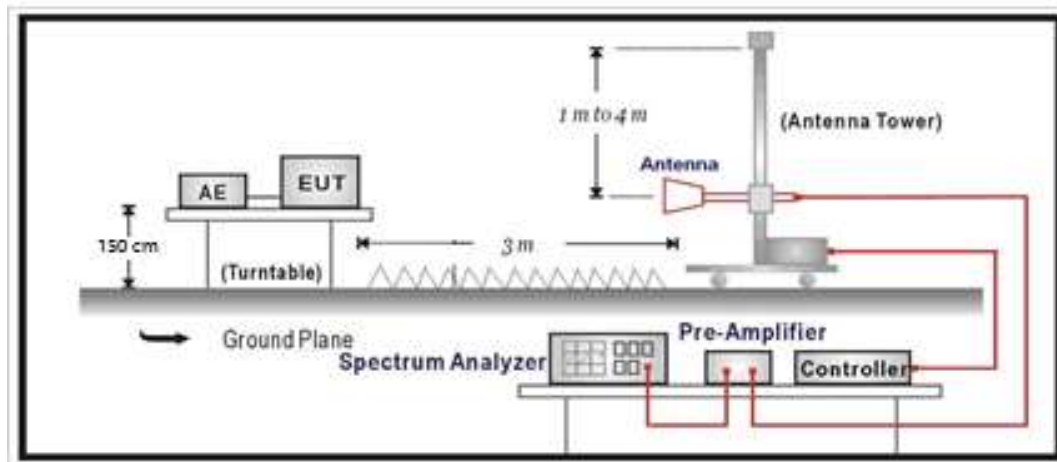
Conducted Spurious Measurement:



Radiated Spurious Measurement: below 1GHz



Radiated Spurious Measurement: above 1GHz



4.2. Test Procedure

Conducted Spurious Measurement:

- a) Place the EUT on a bench and set it in transmitting mode.
- b) Connect a low loss RF cable from the antenna port to a spectrum analyzer and CMW500 by a Directional Couple.
- c) EUT Communicate with CMW500, then select a channel for testing.
- d) Add a correction factor to the display of spectrum, and then test.
- e) The resolution bandwidth of the spectrum analyzer was set at 1 MHz, sufficient scans were taken to show the out of band Emission if any up to 10th harmonic.

Radiated Spurious Measurement:

- a) The EUT was placed on a rotatable wooden table with 1.5 meter above ground.
- b) The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
- c) The table was rotated 360 degrees to determine the position of the highest spurious emission.
- d) The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
- e) Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 1MHz, Sweep 500ms, Taking the record of maximum spurious emission.
- f) A horn antenna was substituted in place of the EUT and was driven by a signal generator.
- g) Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
- h) Taking the record of output power at antenna port
- i) Repeat step 7 to step 8 for another polarization.
- j) $EIRP = SG - \text{Cable loss} + \text{Antenna Gain}$

4.3. Test Method

Conducted Spurious Measurement:

KDB 971168 D01 Power Meas License Digital Systems v03 sub-clause 6.1
ANSI C63.26: 2015 Sub-clause 5.7

Radiated Spurious Measurement:

KDB 971168 D01 Power Meas License Digital Systems v03 sub-clause 5.8
ANSI C63.26: 2015 Sub-clause 5.5.3.2

4.4. Test Result

Product	LE910C4-NF		
Test Item	Radiated Spurious Emissions		
Test Mode	Mode 1: LTE Band 2		
Date of Test	2019/11/28	Date of Test	2019/11/28
Temperature	25.0°C	Temperature	25.0°C

BW 1.4M_CH 18607_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3701.400	-49.57	-13	-36.57	-57.67	12.61	4.51
	5552.100	-44.02	-13	-31.02	-51.48	13.13	5.67
	7402.800	-44.02	-13	-31.02	-48.73	11.32	6.60
	9253.500	-42.14	-13	-29.14	-46.76	11.83	7.21
	11104.200	-42.23	-13	-29.23	-45.94	11.67	7.96
	12954.900	-42.49	-13	-29.49	-47.48	13.62	8.64
V	3701.400	-45.89	-13	-32.89	-53.99	12.61	4.51
	5552.100	-36.96	-13	-23.96	-44.42	13.13	5.67
	7402.800	-41.24	-13	-28.24	-45.95	11.32	6.60
	9253.500	-43.59	-13	-30.59	-48.21	11.83	7.21
	11104.200	-41.22	-13	-28.22	-44.93	11.67	7.96
	12957.900	-42.62	-13	-29.62	-47.61	13.62	8.64

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 1.4M_CH 18900_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3760.000	-49.46	-13	-36.46	-57.53	12.60	4.54
	5640.000	-39.92	-13	-26.92	-47.32	13.10	5.70
	7520.000	-44.59	-13	-31.59	-49.21	11.24	6.61
	9400.000	-42.58	-13	-29.58	-47.08	11.79	7.29
	11280.000	-40.90	-13	-27.90	-44.76	11.92	8.06
	13160.000	-41.41	-13	-28.41	-46.03	13.33	8.70
V	3760.000	-46.78	-13	-33.78	-54.85	12.60	4.54
	5640.000	-35.13	-13	-22.13	-42.53	13.10	5.70
	7520.000	-40.87	-13	-27.87	-45.49	11.24	6.61
	9400.000	-44.20	-13	-31.20	-48.70	11.79	7.29
	11280.000	-41.66	-13	-28.66	-45.52	11.92	8.06
	13160.000	-40.98	-13	-27.98	-45.60	13.33	8.70

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 1.4M_CH 19193_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3818.600	-53.61	-13	-40.61	-61.65	12.60	4.57
	5727.900	-50.18	-13	-37.18	-57.53	13.08	5.73
	7637.200	-44.45	-13	-31.45	-49.10	11.24	6.60
	9546.500	-41.93	-13	-28.93	-46.37	11.80	7.35
	11455.800	-41.28	-13	-28.28	-45.29	12.17	8.15
	13365.100	-41.20	-13	-28.20	-45.42	12.98	8.76
V	3818.600	-53.45	-13	-40.45	-61.49	12.60	4.57
	5727.900	-50.13	-13	-37.13	-57.48	13.08	5.73
	7637.200	-44.52	-13	-31.52	-49.17	11.24	6.60
	9546.500	-41.84	-13	-28.84	-46.28	11.80	7.35
	11455.800	-41.49	-13	-28.49	-45.50	12.17	8.15
	13365.100	-41.01	-13	-28.01	-45.23	12.98	8.76

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 3M_CH 18615_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3703.000	-48.12	-13	-35.12	-56.22	12.61	4.51
	5554.500	-43.96	-13	-30.96	-51.42	13.12	5.67
	7406.000	-45.38	-13	-32.38	-50.09	11.31	6.60
	9257.500	-43.60	-13	-30.60	-48.22	11.83	7.21
	11109.000	-40.63	-13	-27.63	-44.34	11.67	7.96
	12960.500	-42.69	-13	-29.69	-47.67	13.62	8.64
V	3703.000	-43.61	-13	-30.61	-51.71	12.61	4.51
	5554.500	-39.08	-13	-26.08	-46.54	13.12	5.67
	7406.000	-42.20	-13	-29.20	-46.91	11.31	6.60
	9257.500	-43.26	-13	-30.26	-47.88	11.83	7.21
	11109.000	-41.21	-13	-28.21	-44.92	11.67	7.96
	12960.500	-42.63	-13	-29.63	-47.61	13.62	8.64

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 3M_CH 18900_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3760.000	-50.45	-13	-37.45	-58.52	12.60	4.54
	5640.000	-39.82	-13	-26.82	-47.22	13.10	5.70
	7520.000	-44.26	-13	-31.26	-48.88	11.24	6.61
	9400.000	-43.87	-13	-30.87	-48.37	11.79	7.29
	11280.000	-40.96	-13	-27.96	-44.82	11.92	8.06
	13160.000	-40.98	-13	-27.98	-45.60	13.33	8.70
V	3760.000	-47.05	-13	-34.05	-55.12	12.60	4.54
	5640.000	-34.79	-13	-21.79	-42.19	13.10	5.70
	7520.000	-40.39	-13	-27.39	-45.01	11.24	6.61
	9400.000	-43.95	-13	-30.95	-48.45	11.79	7.29
	11280.000	-41.29	-13	-28.29	-45.15	11.92	8.06
	13160.000	-41.58	-13	-28.58	-46.20	13.33	8.70

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 3M_CH 19185_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3817.000	-48.92	-13	-35.92	-56.96	12.60	4.57
	5725.500	-38.89	-13	-25.89	-46.24	13.08	5.73
	7634.000	-42.67	-13	-29.67	-47.31	11.24	6.60
	9542.500	-41.99	-13	-28.99	-46.43	11.79	7.35
	11451.000	-41.06	-13	-28.06	-45.07	12.16	8.15
	13359.500	-40.92	-13	-27.92	-45.15	12.99	8.76
	57255.000	-33.39	-13	-20.39	-32.37	8.87	9.89
V	3817.000	-45.42	-13	-32.42	-53.46	12.60	4.57
	5725.500	-35.23	-13	-22.23	-42.58	13.08	5.73
	7634.000	-41.04	-13	-28.04	-45.68	11.24	6.60
	9542.500	-42.87	-13	-29.87	-47.31	11.79	7.35
	11451.000	-41.68	-13	-28.68	-45.69	12.16	8.15
	13359.500	-41.55	-13	-28.55	-45.78	12.99	8.76

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 5M_CH 18625_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3705.000	-46.67	-13	-33.67	-54.76	12.61	4.51
	5557.500	-44.73	-13	-31.73	-52.18	13.12	5.67
	7410.000	-44.95	-13	-31.95	-49.66	11.31	6.60
	9262.500	-42.81	-13	-29.81	-47.42	11.82	7.21
	11115.000	-41.07	-13	-28.07	-44.79	11.68	7.96
	12967.500	-43.08	-13	-30.08	-48.05	13.62	8.64
V	3705.000	-43.87	-13	-30.87	-51.96	12.61	4.51
	5557.500	-39.19	-13	-26.19	-46.64	13.12	5.67
	7410.000	-42.23	-13	-29.23	-46.94	11.31	6.60
	9262.500	-43.24	-13	-30.24	-47.85	11.82	7.21
	11115.000	-42.13	-13	-29.13	-45.85	11.68	7.96
	12967.500	-43.14	-13	-30.14	-48.11	13.62	8.64

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 5M_CH 18900_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3760.000	-50.61	-13	-37.61	-58.68	12.60	4.54
	5640.000	-39.65	-13	-26.65	-47.05	13.10	5.70
	7520.000	-44.85	-13	-31.85	-49.47	11.24	6.61
	9400.000	-44.48	-13	-31.48	-48.98	11.79	7.29
	11280.000	-40.61	-13	-27.61	-44.47	11.92	8.06
	13160.000	-41.72	-13	-28.72	-46.34	13.33	8.70
V	3760.000	-47.35	-13	-34.35	-55.42	12.60	4.54
	5640.000	-34.48	-13	-21.48	-41.88	13.10	5.70
	7520.000	-41.95	-13	-28.95	-46.57	11.24	6.61
	9400.000	-44.22	-13	-31.22	-48.72	11.79	7.29
	11280.000	-42.03	-13	-29.03	-45.89	11.92	8.06
	13160.000	-41.89	-13	-28.89	-46.51	13.33	8.70

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 5M_CH 19175_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3815.000	-50.13	-13	-37.13	-58.17	12.60	4.57
	5722.500	-36.75	-13	-23.75	-44.10	13.08	5.73
	7630.000	-42.02	-13	-29.02	-46.66	11.24	6.60
	9537.500	-42.86	-13	-29.86	-47.30	11.79	7.35
	11445.000	-42.02	-13	-29.02	-46.02	12.15	8.15
	13352.500	-39.88	-13	-26.88	-44.12	13.00	8.76
V	3815.000	-47.55	-13	-34.55	-55.59	12.60	4.57
	5722.500	-32.47	-13	-19.47	-39.82	13.08	5.73
	7630.000	-39.81	-13	-26.81	-44.45	11.24	6.60
	9537.500	-41.94	-13	-28.94	-46.38	11.79	7.35
	11445.000	-42.29	-13	-29.29	-46.29	12.15	8.15
	13352.500	-40.25	-13	-27.25	-44.49	13.00	8.76

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 10M_CH 18650_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3710.000	-47.95	-13	-34.95	-56.04	12.61	4.51
	5565.000	-42.56	-13	-29.56	-50.01	13.12	5.67
	7420.000	-45.91	-13	-32.91	-50.61	11.30	6.60
	9275.000	-43.55	-13	-30.55	-48.15	11.82	7.22
	11130.000	-41.88	-13	-28.88	-45.61	11.70	7.97
	12985.000	-42.03	-13	-29.03	-46.99	13.61	8.65
V	3710.000	-43.46	-13	-30.46	-51.55	12.61	4.51
	5565.000	-39.53	-13	-26.53	-46.98	13.12	5.67
	7420.000	-43.43	-13	-30.43	-48.13	11.30	6.60
	9275.000	-44.35	-13	-31.35	-48.95	11.82	7.22
	11130.000	-42.08	-13	-29.08	-45.81	11.70	7.97
	12985.000	-43.40	-13	-30.40	-48.36	13.61	8.65

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 10M_CH 18900_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3760.000	-50.67	-13	-37.67	-58.74	12.60	4.54
	5640.000	-40.53	-13	-27.53	-47.93	13.10	5.70
	7520.000	-46.02	-13	-33.02	-50.64	11.24	6.61
	9400.000	-44.80	-13	-31.80	-49.30	11.79	7.29
	11280.000	-42.05	-13	-29.05	-45.91	11.92	8.06
	13160.000	-42.51	-13	-29.51	-47.13	13.33	8.70
V	3760.000	-46.70	-13	-33.70	-54.77	12.60	4.54
	5640.000	-36.21	-13	-23.21	-43.61	13.10	5.70
	7520.000	-41.64	-13	-28.64	-46.26	11.24	6.61
	9400.000	-43.96	-13	-30.96	-48.46	11.79	7.29
	11280.000	-42.45	-13	-29.45	-46.31	11.92	8.06
	13160.000	-42.10	-13	-29.10	-46.72	13.33	8.70

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 10M_CH 19150_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3810.000	-50.47	-13	-37.47	-58.51	12.60	4.56
	5715.000	-36.91	-13	-23.91	-44.27	13.08	5.72
	7620.000	-41.93	-13	-28.93	-46.57	11.24	6.60
	9525.000	-43.47	-13	-30.47	-47.90	11.78	7.35
	11430.000	-41.51	-13	-28.51	-45.50	12.13	8.14
	13335.000	-41.36	-13	-28.36	-45.64	13.03	8.75
V	3810.000	-48.14	-13	-35.14	-56.18	12.60	4.56
	5715.000	-34.30	-13	-21.30	-41.66	13.08	5.72
	7620.000	-39.25	-13	-26.25	-43.89	11.24	6.60
	9525.000	-43.33	-13	-30.33	-47.76	11.78	7.35
	11430.000	-41.81	-13	-28.81	-45.80	12.13	8.14
	13335.000	-42.10	-13	-29.10	-46.38	13.03	8.75

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 15M_CH 18675_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3715.000	-46.84	-13	-33.84	-54.93	12.61	4.52
	5572.500	-42.04	-13	-29.04	-49.48	13.12	5.68
	7430.000	-45.90	-13	-32.90	-50.59	11.29	6.61
	9287.500	-44.56	-13	-31.56	-49.15	11.82	7.23
	11145.000	-43.47	-13	-30.47	-47.21	11.73	7.98
	13002.500	-42.31	-13	-29.31	-47.24	13.60	8.66
V	3715.000	-41.70	-13	-28.70	-49.79	12.61	4.52
	5572.500	-38.26	-13	-25.26	-45.70	13.12	5.68
	7430.000	-41.38	-13	-28.38	-46.07	11.29	6.61
	9287.500	-44.24	-13	-31.24	-48.83	11.82	7.23
	11145.000	-43.11	-13	-30.11	-46.85	11.73	7.98
	13002.500	-42.21	-13	-29.21	-47.14	13.60	8.66

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 15M_CH 18900_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3760.000	-51.07	-13	-38.07	-59.14	12.60	4.54
	5640.000	-40.75	-13	-27.75	-48.15	13.10	5.70
	7520.000	-45.13	-13	-32.13	-49.75	11.24	6.61
	9400.000	-44.60	-13	-31.60	-49.10	11.79	7.29
	11280.000	-42.29	-13	-29.29	-46.15	11.92	8.06
	13160.000	-41.87	-13	-28.87	-46.49	13.33	8.70
V	3760.000	-47.32	-13	-34.32	-55.39	12.60	4.54
	5640.000	-36.76	-13	-23.76	-44.16	13.10	5.70
	7520.000	-42.89	-13	-29.89	-47.51	11.24	6.61
	9400.000	-44.34	-13	-31.34	-48.84	11.79	7.29
	11280.000	-42.88	-13	-29.88	-46.74	11.92	8.06
	13160.000	-42.64	-13	-29.64	-47.26	13.33	8.70

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 15M_CH 19125_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3805.000	-47.94	-13	-34.94	-55.98	12.60	4.56
	5707.500	-36.33	-13	-23.33	-43.69	13.08	5.72
	7610.000	-41.60	-13	-28.60	-46.24	11.24	6.60
	9512.500	-42.12	-13	-29.12	-46.55	11.77	7.35
	11415.000	-40.67	-13	-27.67	-44.65	12.11	8.13
	13317.500	-42.26	-13	-29.26	-46.57	13.06	8.75
V	3805.000	-44.23	-13	-31.23	-52.27	12.60	4.56
	5707.500	-31.64	-13	-18.64	-39.00	13.08	5.72
	7610.000	-40.91	-13	-27.91	-45.55	11.24	6.60
	9512.500	-43.50	-13	-30.50	-47.93	11.77	7.35
	11415.000	-41.64	-13	-28.64	-45.62	12.11	8.13
	13317.500	-41.75	-13	-28.75	-46.06	13.06	8.75

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 20M_CH 18700_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3720.000	-46.34	-13	-33.34	-54.43	12.61	4.52
	5580.000	-40.35	-13	-27.35	-47.79	13.12	5.68
	7440.000	-45.15	-13	-32.15	-49.83	11.28	6.61
	9300.000	-43.29	-13	-30.29	-47.87	11.82	7.23
	11160.000	-43.27	-13	-30.27	-47.03	11.75	7.99
	13020.000	-41.49	-13	-28.49	-46.39	13.57	8.67
V	3720.000	-40.15	-13	-27.15	-48.24	12.61	4.52
	5580.000	-35.94	-13	-22.94	-43.38	13.12	5.68
	7440.000	-41.12	-13	-28.12	-45.80	11.28	6.61
	9300.000	-44.02	-13	-31.02	-48.60	11.82	7.23
	11160.000	-42.62	-13	-29.62	-46.38	11.75	7.99
	13020.000	-42.11	-13	-29.11	-47.01	13.57	8.67

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 20M_CH 18900_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3760.000	-50.75	-13	-37.75	-58.82	12.60	4.54
	5640.000	-38.42	-13	-25.42	-45.82	13.10	5.70
	7520.000	-44.92	-13	-31.92	-49.54	11.24	6.61
	9400.000	-44.18	-13	-31.18	-48.68	11.79	7.29
	11280.000	-42.51	-13	-29.51	-46.37	11.92	8.06
	13160.000	-41.78	-13	-28.78	-46.40	13.33	8.70
V	3760.000	-46.93	-13	-33.93	-55.00	12.60	4.54
	5640.000	-33.83	-13	-20.83	-41.23	13.10	5.70
	7520.000	-41.35	-13	-28.35	-45.97	11.24	6.61
	9400.000	-44.59	-13	-31.59	-49.09	11.79	7.29
	11280.000	-42.82	-13	-29.82	-46.68	11.92	8.06
	13160.000	-42.02	-13	-29.02	-46.64	13.33	8.70

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 20M_CH 19100_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3800.000	-47.17	-13	-34.17	-55.22	12.60	4.56
	5700.000	-36.86	-13	-23.86	-44.23	13.08	5.72
	7600.000	-40.31	-13	-27.31	-44.95	11.24	6.60
	9500.000	-41.59	-13	-28.59	-46.01	11.77	7.34
	11400.000	-41.02	-13	-28.02	-44.98	12.09	8.12
	13300.000	-42.44	-13	-29.44	-46.79	13.09	8.74
V	3800.000	-42.47	-13	-29.47	-50.52	12.60	4.56
	5700.000	-32.34	-13	-19.34	-39.71	13.08	5.72
	7600.000	-37.28	-13	-24.28	-41.92	11.24	6.60
	9500.000	-42.02	-13	-29.02	-46.44	11.77	7.34
	11400.000	-41.34	-13	-28.34	-45.30	12.09	8.12
	13300.000	-41.50	-13	-28.50	-45.85	13.09	8.74

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

Product	LE910C4-NF		
Test Item	Radiated Spurious Emissions		
Test Mode	Mode 2: LTE Band 4		
Date of Test	2019/11/29	Date of Test	2019/11/29
Temperature	22.0°C	Temperature	22.0°C

BW 1.4M_CH 19957_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3420.800	-52.10	-13	-39.10	-60.19	12.44	4.35
	5131.200	-43.12	-13	-30.12	-50.51	12.78	5.39
	6841.600	-44.20	-13	-31.20	-49.68	11.84	6.36
	8552.000	-43.00	-13	-30.00	-47.96	11.87	6.91
	10262.400	-42.75	-13	-29.75	-47.00	11.86	7.61
	11972.800	-42.34	-13	-29.34	-47.25	13.13	8.22
V	3420.800	-48.06	-13	-35.06	-56.15	12.44	4.35
	5131.200	-36.63	-13	-23.63	-44.02	12.78	5.39
	6841.600	-40.91	-13	-27.91	-46.39	11.84	6.36
	8552.000	-42.84	-13	-29.84	-47.80	11.87	6.91
	10262.400	-41.38	-13	-28.38	-45.63	11.86	7.61
	11972.800	-42.23	-13	-29.23	-47.14	13.13	8.22

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 1.4M_CH 20175_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3465.000	-53.13	-13	-40.13	-61.28	12.53	4.38
	5197.500	-38.59	-13	-25.59	-46.00	12.84	5.43
	6930.000	-45.82	-13	-32.82	-51.09	11.73	6.46
	8662.500	-43.15	-13	-30.15	-48.07	11.87	6.95
	10395.000	-43.00	-13	-30.00	-47.07	11.75	7.68
	12127.500	-41.93	-13	-28.93	-47.02	13.35	8.26
V	3465.000	-50.85	-13	-37.85	-59.00	12.53	4.38
	5197.500	-32.08	-13	-19.08	-39.49	12.84	5.43
	6930.000	-42.46	-13	-29.46	-47.73	11.73	6.46
	8662.500	-42.26	-13	-29.26	-47.18	11.87	6.95
	10395.000	-41.97	-13	-28.97	-46.04	11.75	7.68
	12127.500	-40.82	-13	-27.82	-45.91	13.35	8.26

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 1.4M_CH 20393_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3508.600	-53.13	-13	-40.13	-61.33	12.61	4.41
	5262.900	-36.32	-13	-23.32	-43.75	12.91	5.48
	7017.200	-44.08	-13	-31.08	-49.18	11.64	6.54
	8771.500	-43.87	-13	-30.87	-48.76	11.88	6.99
	10525.800	-43.38	-13	-30.38	-47.28	11.65	7.75
	12280.100	-43.07	-13	-30.07	-48.32	13.56	8.31
V	3508.600	-51.41	-13	-38.41	-59.61	12.61	4.41
	5262.900	-29.59	-13	-16.59	-37.02	12.91	5.48
	7017.200	-42.73	-13	-29.73	-47.83	11.64	6.54
	8771.500	-44.82	-13	-31.82	-49.71	11.88	6.99
	10525.800	-43.53	-13	-30.53	-47.43	11.65	7.75
	12280.100	-43.45	-13	-30.45	-48.70	13.56	8.31

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 3M_CH 19965_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3423.000	-51.38	-13	-38.38	-59.47	12.44	4.35
	5134.500	-43.37	-13	-30.37	-50.76	12.78	5.39
	6846.000	-44.54	-13	-31.54	-50.01	11.83	6.37
	8557.500	-42.18	-13	-29.18	-47.14	11.87	6.91
	10269.000	-42.69	-13	-29.69	-46.93	11.86	7.62
	11980.500	-42.44	-13	-29.44	-47.36	13.14	8.22
V	3423.000	-48.17	-13	-35.17	-56.26	12.44	4.35
	5134.500	-35.06	-13	-22.06	-42.45	12.78	5.39
	6846.000	-40.23	-13	-27.23	-45.70	11.83	6.37
	8557.500	-42.76	-13	-29.76	-47.72	11.87	6.91
	10269.000	-42.52	-13	-29.52	-46.76	11.86	7.62
	11980.500	-43.02	-13	-30.02	-47.94	13.14	8.22

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 3M_CH 20175_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3465.000	-53.10	-13	-40.10	-61.25	12.53	4.38
	5197.500	-36.53	-13	-23.53	-43.94	12.84	5.43
	6930.000	-45.17	-13	-32.17	-50.44	11.73	6.46
	8662.500	-43.06	-13	-30.06	-47.98	11.87	6.95
	10395.000	-42.75	-13	-29.75	-46.82	11.75	7.68
	12127.500	-41.99	-13	-28.99	-47.08	13.35	8.26
V	3465.000	-51.05	-13	-38.05	-59.20	12.53	4.38
	5197.500	-32.25	-13	-19.25	-39.66	12.84	5.43
	6930.000	-44.52	-13	-31.52	-49.79	11.73	6.46
	8662.500	-41.55	-13	-28.55	-46.47	11.87	6.95
	10395.000	-43.11	-13	-30.11	-47.18	11.75	7.68
	12127.500	-41.76	-13	-28.76	-46.85	13.35	8.26

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.

BW 3M_CH 20385_QPSK_1RB0

Antenna Polarity	Frequency (MHz)	Emission Level (dBm)	Limit (dBm)	Margin (dB)	SG Level (dBm)	Antenna Gain (dBi)	Cable Loss (dB)
H	3507.000	-52.88	-13	-39.88	-61.08	12.61	4.41
	5260.500	-35.88	-13	-22.88	-43.31	12.91	5.48
	7014.000	-44.49	-13	-31.49	-49.59	11.64	6.54
	8767.500	-43.55	-13	-30.55	-48.44	11.88	6.99
	10521.000	-43.09	-13	-30.09	-47.00	11.65	7.75
	12274.500	-43.83	-13	-30.83	-49.08	13.55	8.31
V	3507.000	-51.42	-13	-38.42	-59.62	12.61	4.41
	5260.500	-30.01	-13	-17.01	-37.44	12.91	5.48
	7014.000	-41.53	-13	-28.53	-46.63	11.64	6.54
	8767.500	-43.95	-13	-30.95	-48.84	11.88	6.99
	10521.000	-43.30	-13	-30.30	-47.21	11.65	7.75
	12274.500	-44.04	-13	-31.04	-49.29	13.55	8.31

Emission Level=SG(Signal Generator) Level+Antenna Gain-Cable Loss.