

Appendix A for KSCR220200024301

1 Spurious Emissions

1.1 Field Strength of the Fundamental Signal

Test channel	Freq. (MHz)	Result Level (dB μ V/m)	Limit Line (dB μ V/m)	Over Limit (dB)	Detector	Polarization
Channel 1	315	63.61	75.62	-12.01	Peak	Vertical
		74.41	75.62	-1.21	Peak	Horizontal
Channel 2	390	72.11	79.24	-7.13	Peak	Vertical
		74.56	79.24	-4.68	Peak	Horizontal

Remark: If the Peak value below the AV Limit, the AV test doesn't perform for this submission.

1.2 Spurious Emissions

Below 1GHz

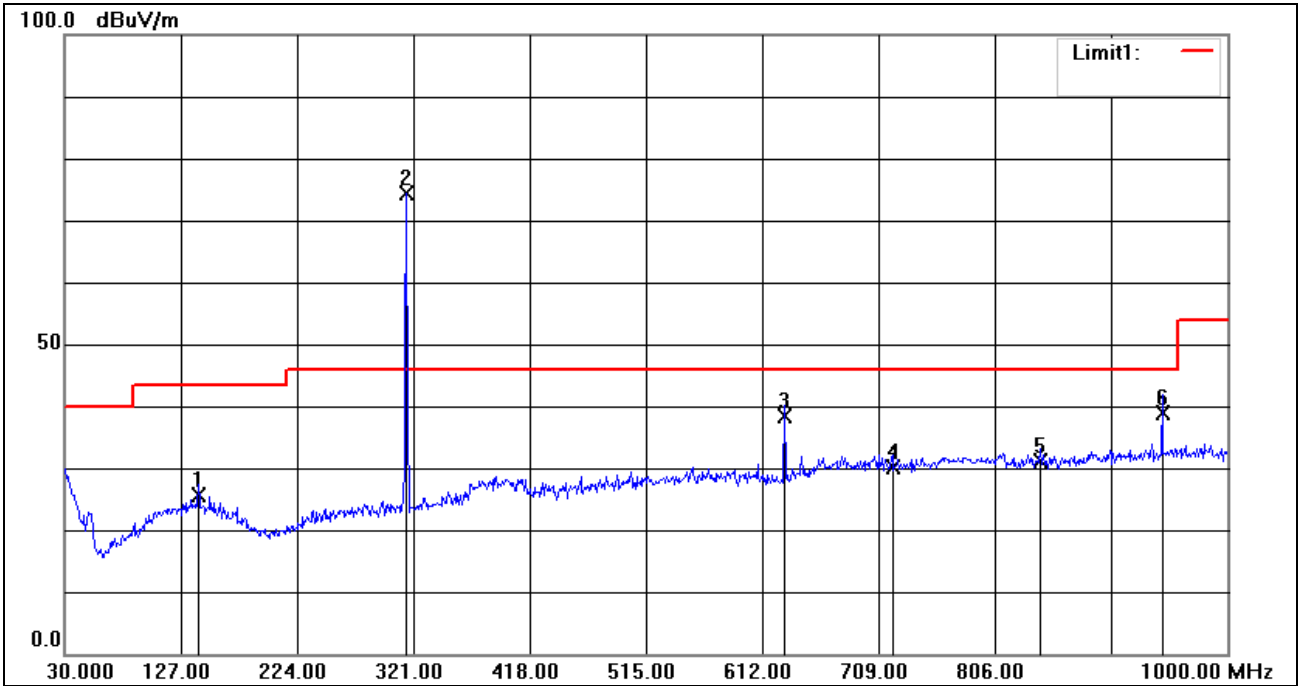
315MHz:

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	155.1300	8.40	19.74	28.14	43.50	-15.36	QP
2*	315.1800	42.46	21.15	63.61	75.62	-12.01	peak
3	425.7600	5.00	23.96	28.96	46.00	-17.04	QP
4*	630.4300	5.19	26.88	32.07	55.62	-23.55	peak
5	896.2100	3.16	28.63	31.79	46.00	-14.21	QP
6*	945.6800	6.23	29.25	35.48	55.62	-20.14	peak

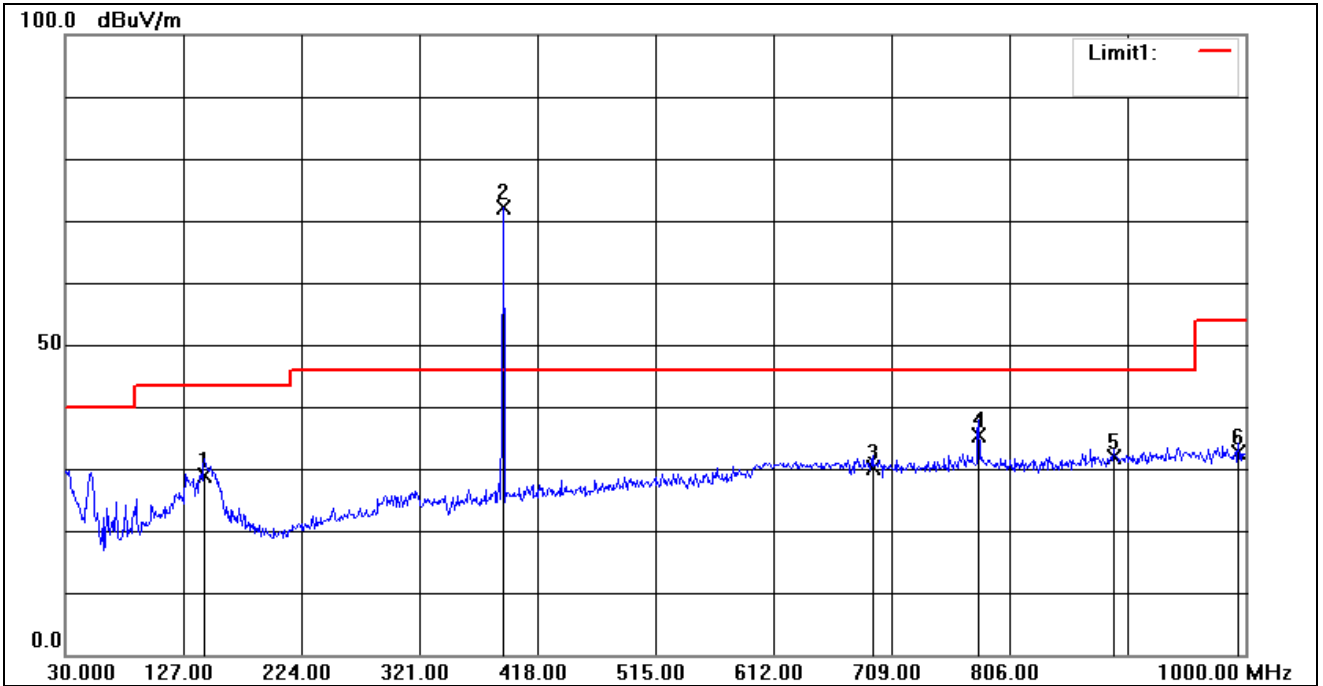
Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	141.5500	5.78	19.86	25.64	43.50	-17.86	QP
2*	315.1800	53.26	21.15	74.41	75.62	-1.21	peak
3*	630.4300	11.56	26.88	38.44	55.62	-17.18	peak
4	720.6400	2.58	27.49	30.07	46.00	-15.93	QP
5	843.8300	3.03	28.05	31.08	46.00	-14.92	QP
6*	945.6800	9.72	29.25	38.97	55.62	-16.65	peak

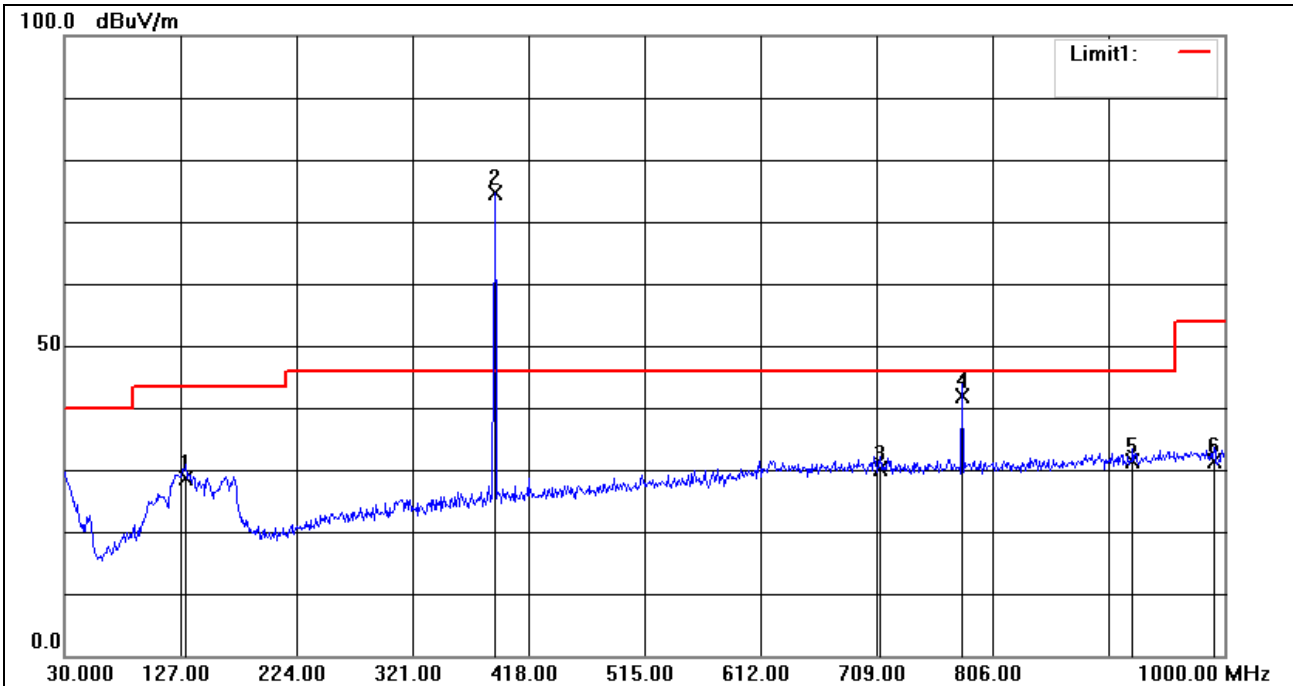
390MHz:

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	144.4600	9.01	19.96	28.97	43.50	-14.53	QP
2*	389.8700	48.77	23.34	72.11	79.24	-7.13	peak
3*	693.4800	2.62	27.45	30.07	46.00	-15.93	QP
4	780.7800	7.78	27.70	35.48	59.24	-23.76	peak
5	891.3600	3.37	28.57	31.94	46.00	-14.06	QP
6*	994.1800	3.38	29.21	32.59	54.00	-21.41	QP

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	131.8500	9.11	19.55	28.66	43.50	-14.84	QP
2*	389.8700	51.22	23.34	74.56	79.24	-4.68	peak
3*	711.9100	2.57	27.50	30.07	46.00	-15.93	QP
4	780.7800	14.18	27.70	41.88	59.24	-17.36	peak
5	923.3700	2.32	28.96	31.28	46.00	-14.72	QP
6*	991.2700	2.26	29.22	31.48	54.00	-22.52	QP

*Remark: If the Peak value below the AV Limit, the AV test doesn't perform for this submission.

Above 1GHz

315MHz:

Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	2050.000	57.96	-16.50	41.46	54.00	-12.54	peak	Vertical
2	2625.000	57.00	-14.33	42.67	54.00	-11.33	peak	Vertical
3	3285.000	55.68	-12.99	42.69	54.00	-11.31	peak	Vertical
4	1760.000	58.26	-17.11	41.15	54.00	-12.85	peak	Horizontal
5	1970.000	58.72	-16.76	41.96	54.00	-12.04	peak	Horizontal
6	2570.000	56.68	-14.45	42.23	54.00	-11.77	peak	Horizontal

390MHz:

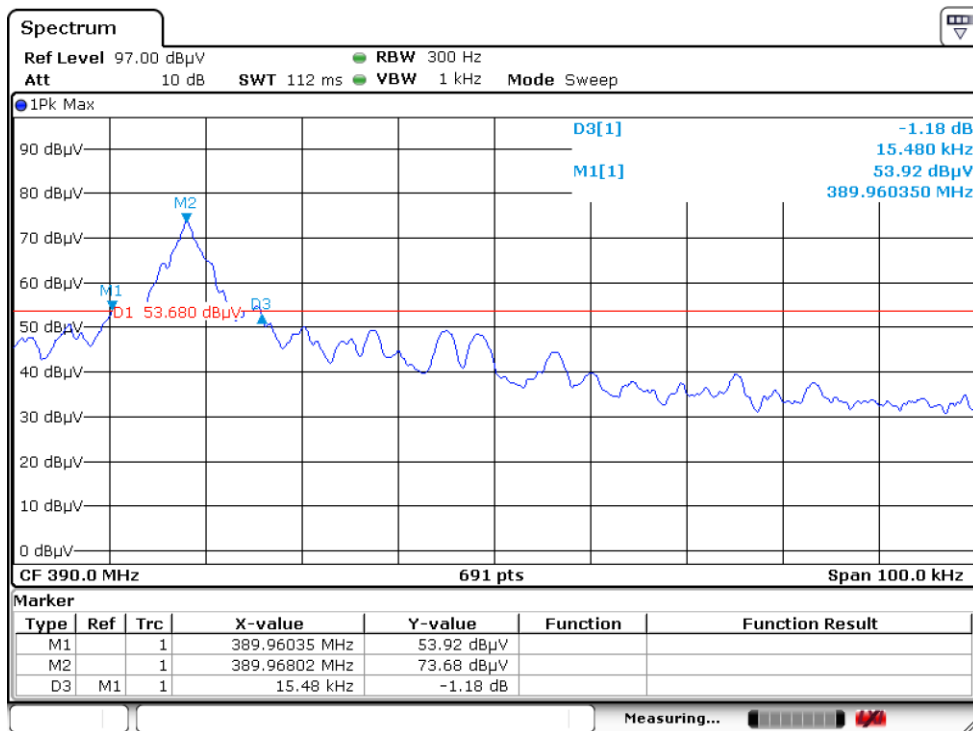
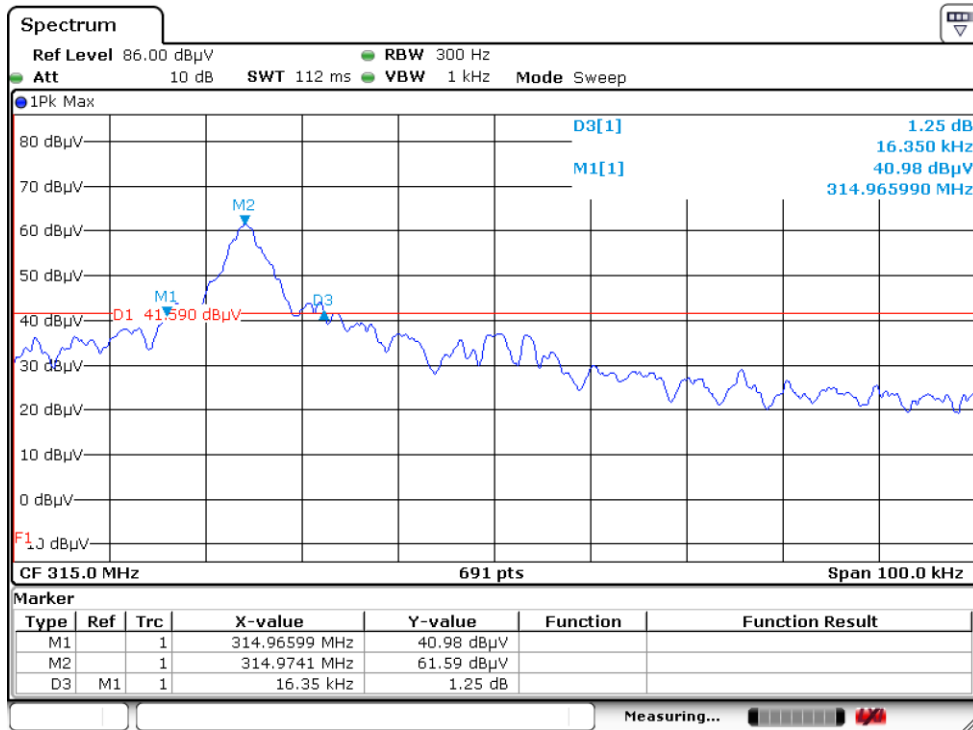
Mark	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	polarization
1	1655.000	59.02	-17.29	41.73	54.00	-12.27	peak	Vertical
2	2355.000	57.47	-15.21	42.26	54.00	-11.74	peak	Vertical
3	2855.000	56.10	-13.83	42.27	54.00	-11.73	peak	Vertical
4	1770.000	59.47	-17.10	42.37	54.00	-11.63	peak	Horizontal
5	2265.000	57.54	-15.59	41.95	54.00	-12.05	peak	Horizontal
6	2755.000	56.72	-14.04	42.68	54.00	-11.32	peak	Horizontal

2 20dB Bandwidth

Measurement Data:

Frequency (MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
315	16.35	787.5	Pass
390	15.48	975	Pass

Test plot as follows:



3 Dwell Time

Measurement Data:

Test item	Limit (s)	Results
Transmission Duration	≤5s	Pass

Test plot as follows:

