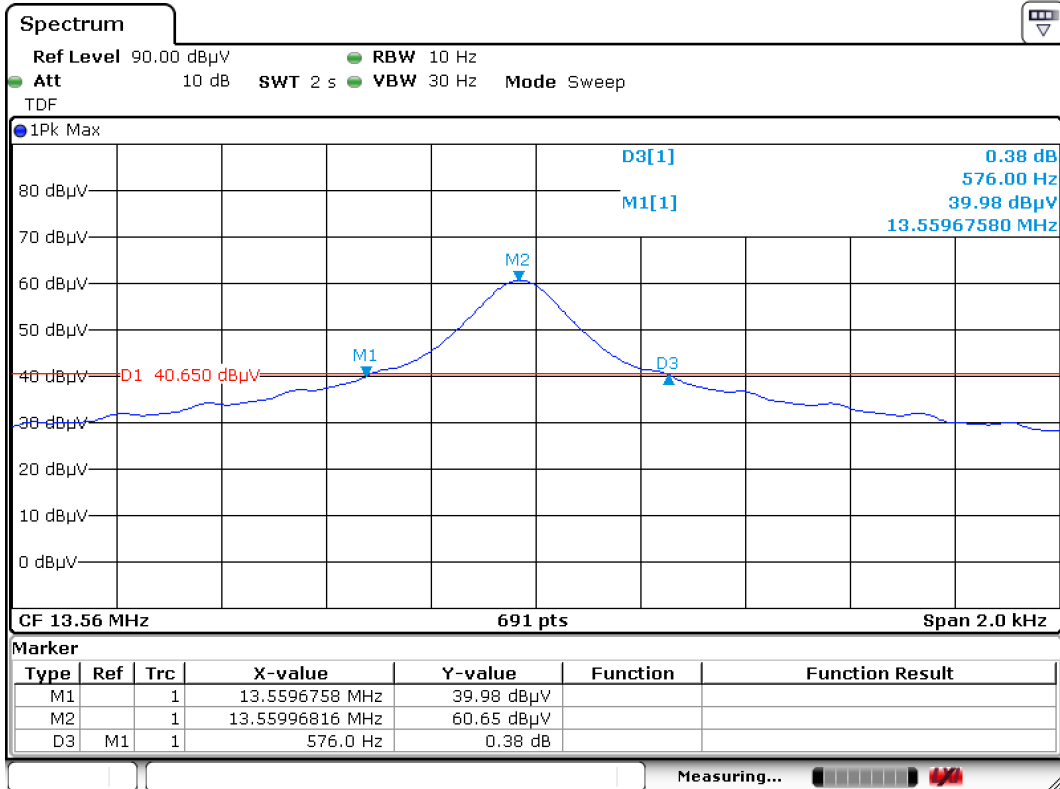


Appendix B for KSCR220200020802

1. 20dB Bandwidth

20dB bandwidth (kHz)	F _L (MHz)	F _H (MHz)	Limit(MHz)	Result
0.5760	13.5597	13.5603	13.110 – 14.010	Pass

Test plot as follows:



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2. Frequency tolerance

Nominal Operation Frequency: 13.56MHz

Test Conditions		Test Result (MHz)	Deviation (kHz)	Limit (kHz)	Result
Temp (°C)	Volt (V AC)				
T _{nom} (-20)	V _{nom} (120)	13.55970	-0.30	±0.01% (1.3560kHz)	Pass
T _{nom} (-10)	V _{nom} (120)	13.55978	-0.22		Pass
T _{nom} (0)	V _{nom} (120)	13.55985	-0.15		Pass
T _{nom} (10)	V _{nom} (120)	13.55991	-0.09		Pass
T _{nom} (20)	V _{nom} (120)	13.55997	-0.03		Pass
T _{nom} (30)	V _{nom} (120)	13.56003	0.03		Pass
T _{nom} (40)	V _{nom} (120)	13.56009	0.09		Pass
T _{nom} (50)	V _{nom} (120)	13.56016	0.16		Pass
T _{nom} (20)	V _{min} (102)	13.55995	-0.05		Pass
	V _{max} (138)	13.56007	0.07		Pass

Note: Deviation (kHz) = (Test Result-13.56MHz)*1000



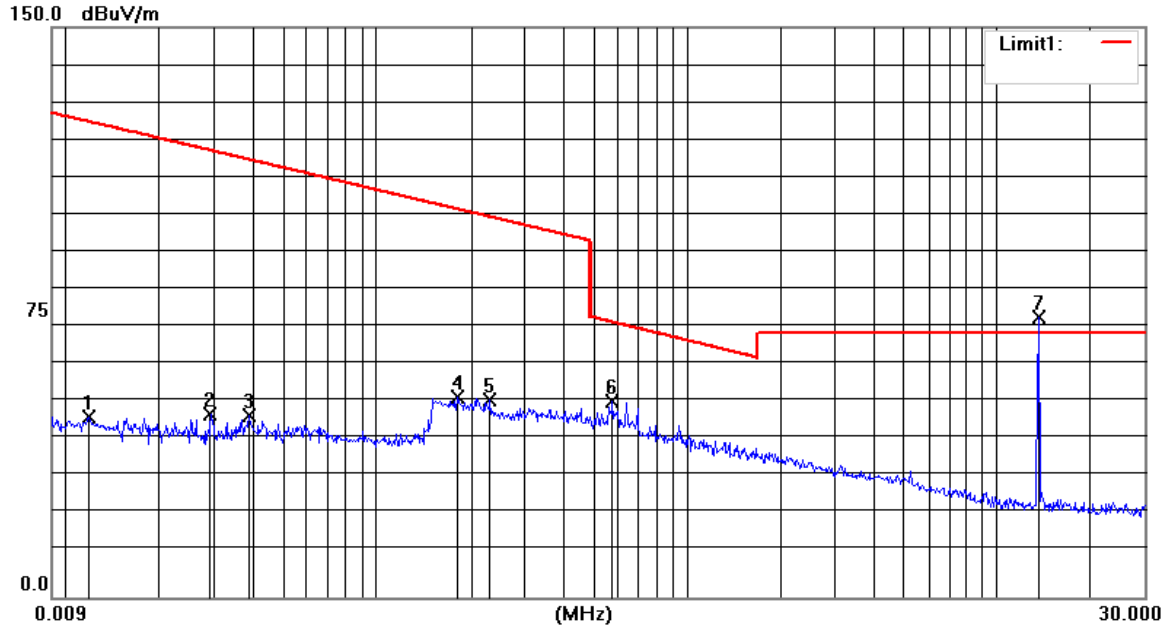
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3. Radiated Emissions(9kHz-30MHz)

Horizontal



Item	Freq.	Read Level	Correct Factor	Result Level@3m	Result Level@SPEC	Limit Line@SPEC	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0120	31.50	15.98	47.48	-32.52	45.08	-77.60	QP
2	0.0292	32.26	15.79	48.05	-31.95	37.58	-69.53	QP
3	0.0390	32.08	15.68	47.76	-32.24	35.14	-67.38	QP
4	0.1824	38.27	14.45	52.72	-27.28	22.13	-49.41	QP
5	0.2328	37.36	14.44	51.80	-28.20	20.08	-48.28	QP
6	0.5731	37.12	14.40	51.52	11.52	32.44	-20.92	QP
7	13.5600	60.80	13.00	73.80	33.80	Fundamental frequency		PeaK



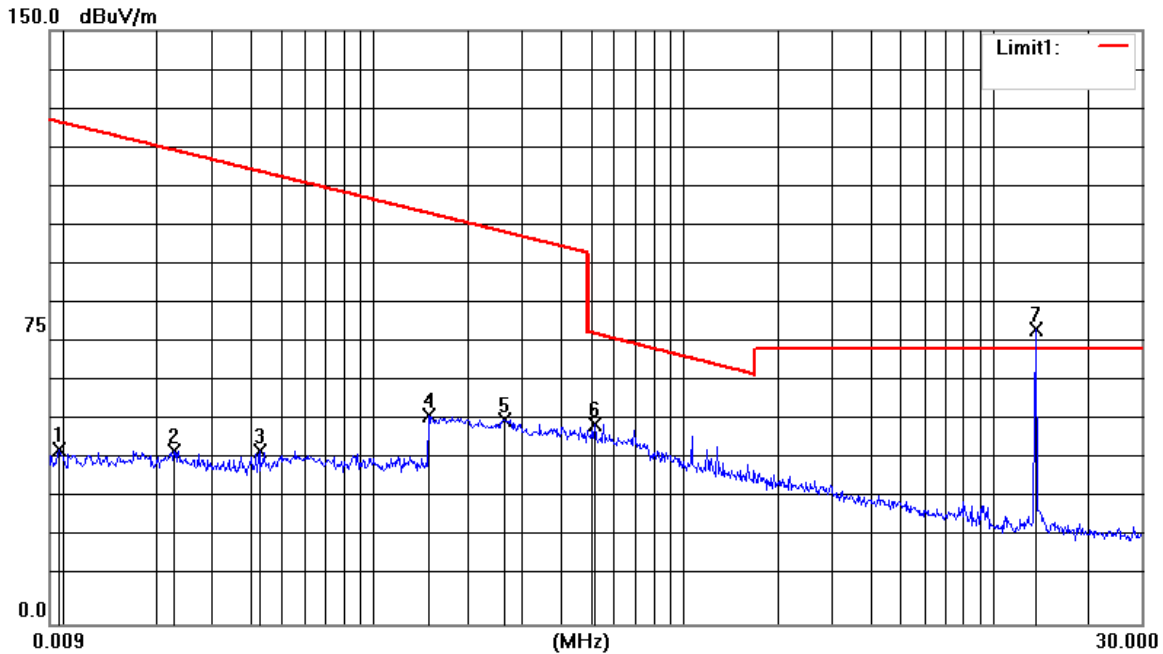
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Vertical



Item	Freq.	Read Level	Correct Factor	Result Level@3m	Result Level@SPEC	Limit Line@SPEC	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0097	28.09	16.00	44.09	-35.91	46.88	-82.79	QP
2	0.0227	27.94	15.86	43.80	-36.20	39.71	-75.91	QP
3	0.0425	27.99	15.64	43.63	-36.37	34.42	-70.79	QP
4	0.1500	38.17	14.45	52.62	-27.38	23.78	-51.16	QP
5	0.2630	37.19	14.44	51.63	-28.37	19.05	-47.42	QP
6	0.5128	35.87	14.41	50.28	10.28	33.41	-23.13	QP
7	13.5600	61.27	13.00	74.27	34.27	Fundamental frequency		PeaK



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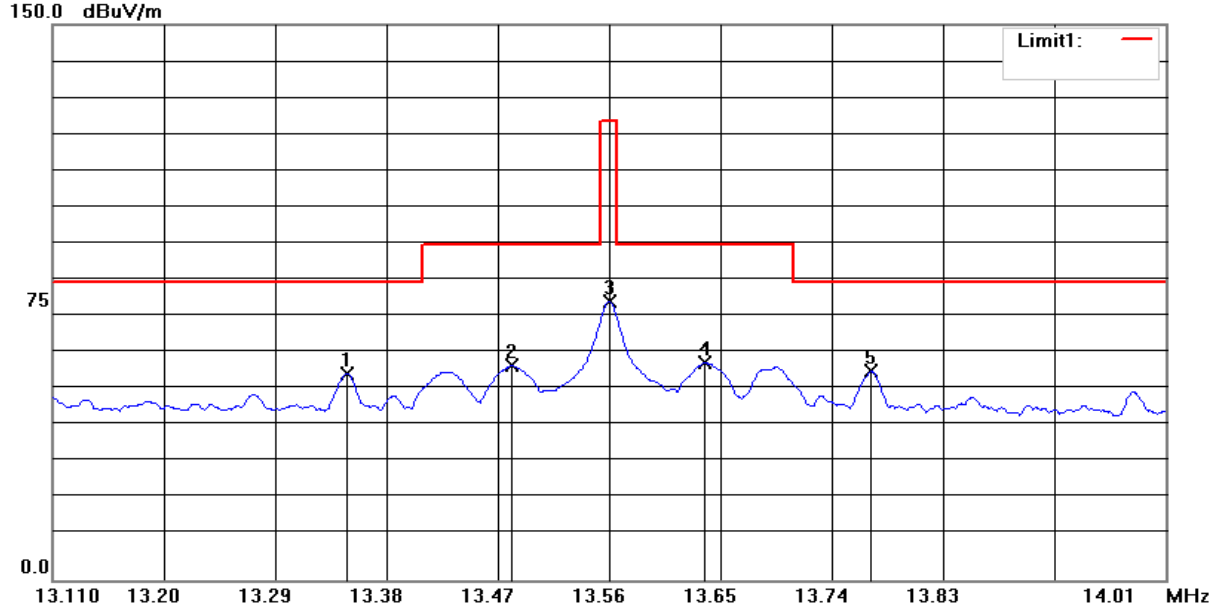
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4. Emission Mask

Horizontal



Item	Freq.	Read Level	Correct Factor	Result Level@3m	Limit Line@3m	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	13.3476	42.78	13.02	55.80	80.50	-24.70	QP
2	13.4817	44.98	13.01	57.99	90.50	-32.51	QP
3	13.5600	62.18	13.00	75.18	124.00	-48.82	PeaK
4	13.6374	45.83	12.99	58.82	90.50	-31.68	QP
5	13.7724	43.31	12.98	56.29	80.50	-24.21	QP



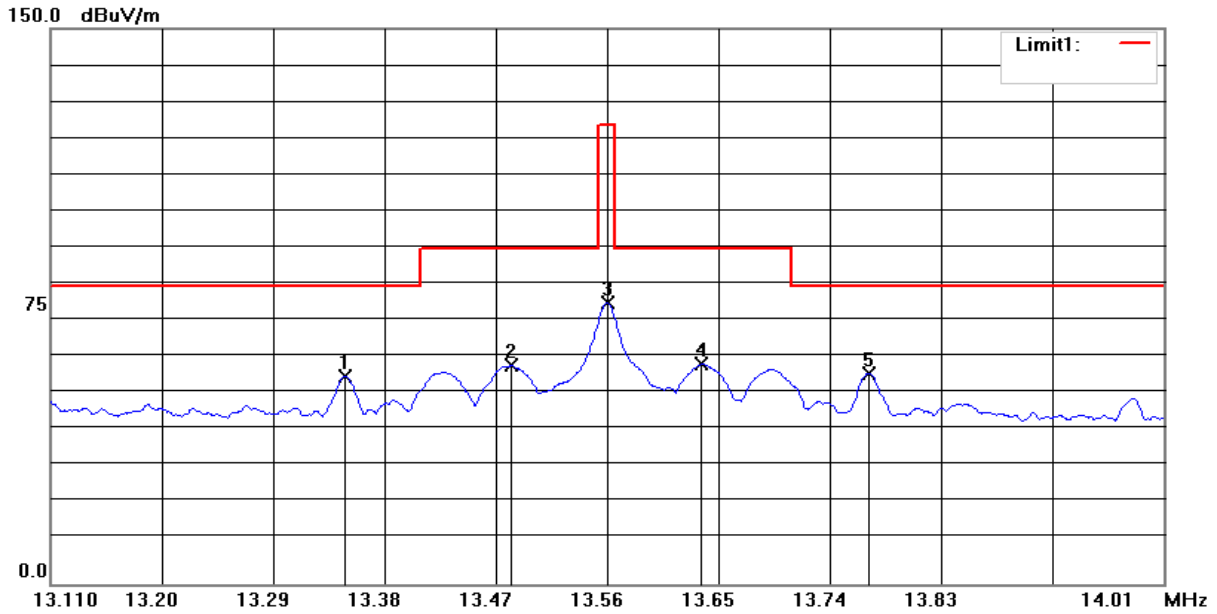
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Vertical



Item	Freq.	Read Level	Correct Factor	Result Level@3m	Limit Line@3m	Over Limit	Detector
(Mark)	(MHz)	(dB μ V)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	13.3476	43.10	13.02	56.12	80.50	-24.38	QP
2	13.4826	45.98	13.01	58.99	90.50	-31.51	QP
3	13.5600	63.11	13.00	76.11	124.00	-47.89	PeaK
4	13.6365	46.42	12.99	59.41	90.50	-31.09	QP
5	13.7715	44.00	12.98	56.98	80.50	-23.52	QP



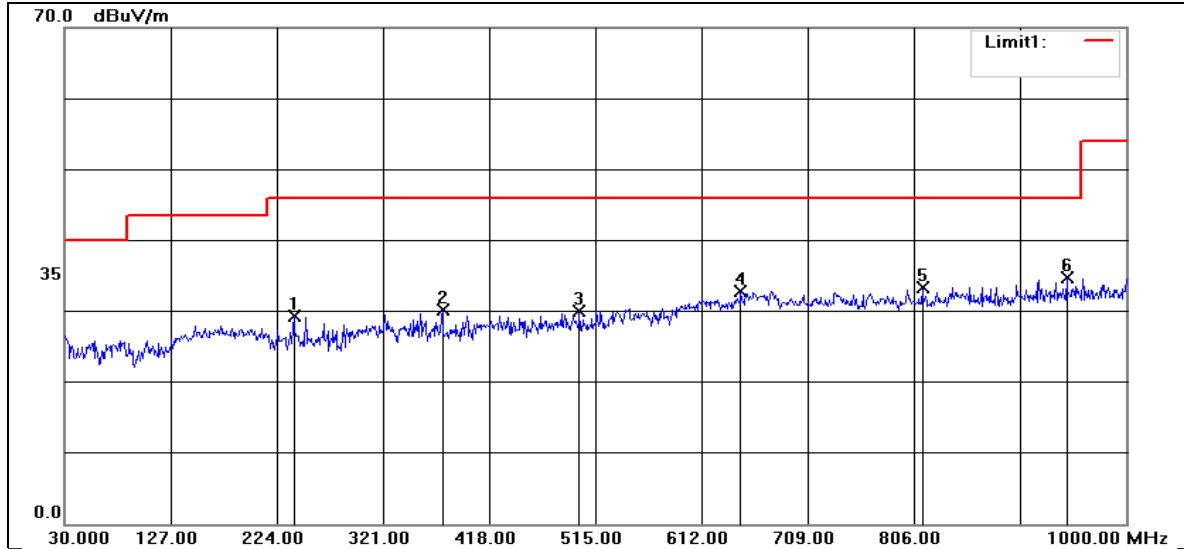
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5. Below 1GHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	239.5200	10.61	18.68	29.29	46.00	-16.71	QP
2	375.3200	7.22	22.99	30.21	46.00	-15.79	QP
3	500.4500	4.85	25.25	30.10	46.00	-15.90	QP
4	647.8900	5.78	27.08	32.86	46.00	-13.14	QP
5	813.7600	5.48	27.90	33.38	46.00	-12.62	QP
6	945.6800	5.56	29.25	34.81	46.00	-11.19	QP



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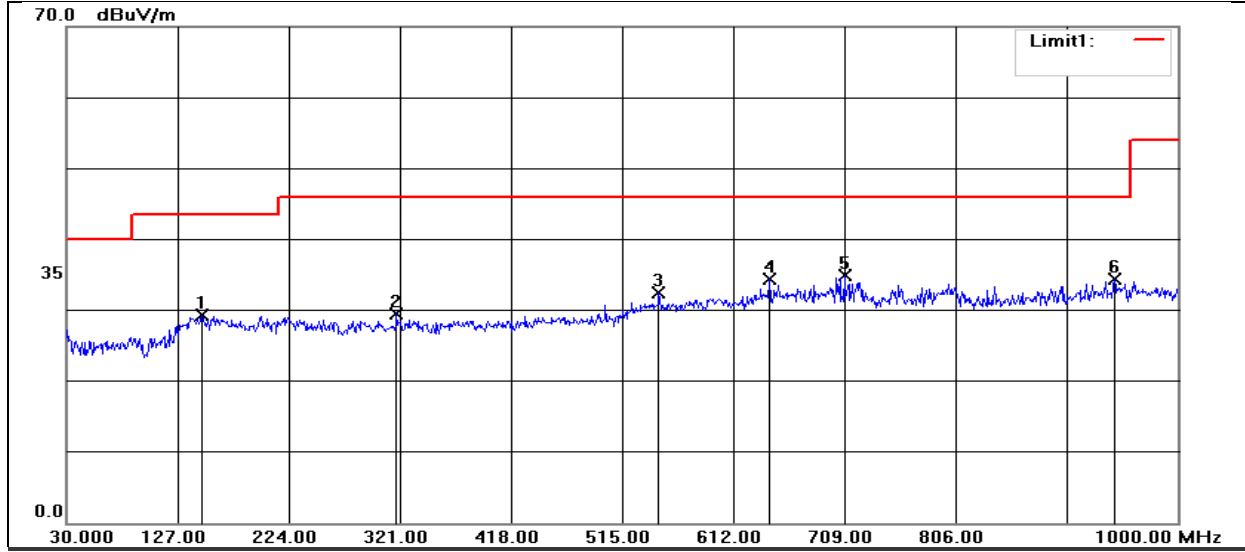
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Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	148.3400	9.16	20.09	29.25	43.50	-14.25	QP
2	318.0900	8.23	21.26	29.49	46.00	-16.51	QP
3	547.0100	6.64	25.79	32.43	46.00	-13.57	QP
4	644.0100	7.38	27.04	34.42	46.00	-11.58	QP
5	709.0000	7.33	27.50	34.83	46.00	-11.17	QP
6	944.7100	5.09	29.23	34.32	46.00	-11.68	QP



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