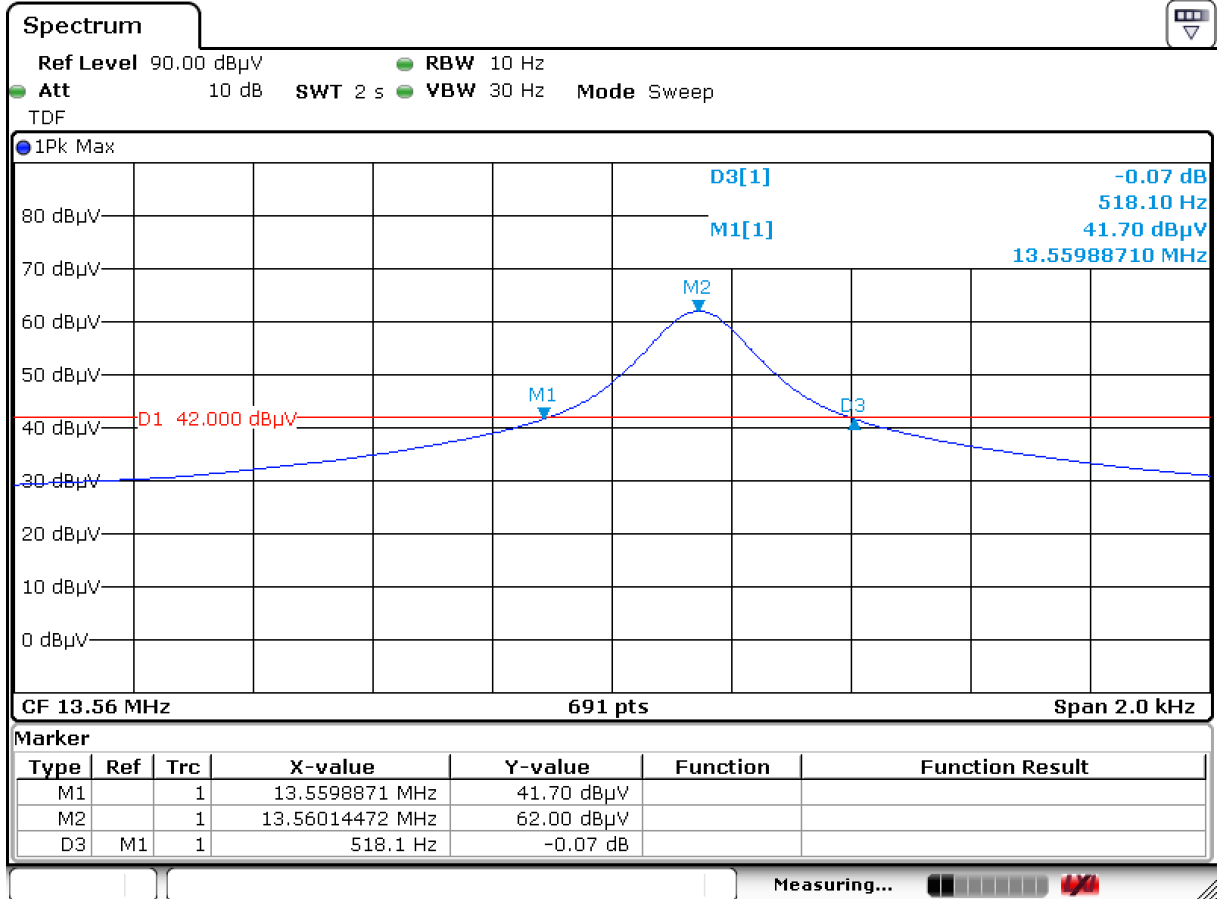


Appendix A for KSCR220300031901

1. 20dB Bandwidth

20dB bandwidth (kHz)	F _L (MHz)	F _H (MHz)	Limit(MHz)	Result
0.5181	13.5599	13.5604	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)	13.55990	-0.10	±0.01% (1.3560kHz)	Pass
T _{nom} (-10)	V _{nom} (120)	13.55996	-0.04		Pass
T _{nom} (0)	V _{nom} (120)	13.56003	0.03		Pass
T _{nom} (10)	V _{nom} (120)	13.56009	0.09		Pass
T _{nom} (20)	V _{nom} (120)	13.56014	0.14		Pass
T _{nom} (30)	V _{nom} (120)	13.56021	0.21		Pass
T _{nom} (40)	V _{nom} (120)	13.56025	0.25		Pass
T _{nom} (50)	V _{nom} (120)	13.56031	0.31		Pass
T _{nom} (20)	V _{min} (102)	13.56012	0.12		Pass
	V _{max} (138)	13.56018	0.18		Pass

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



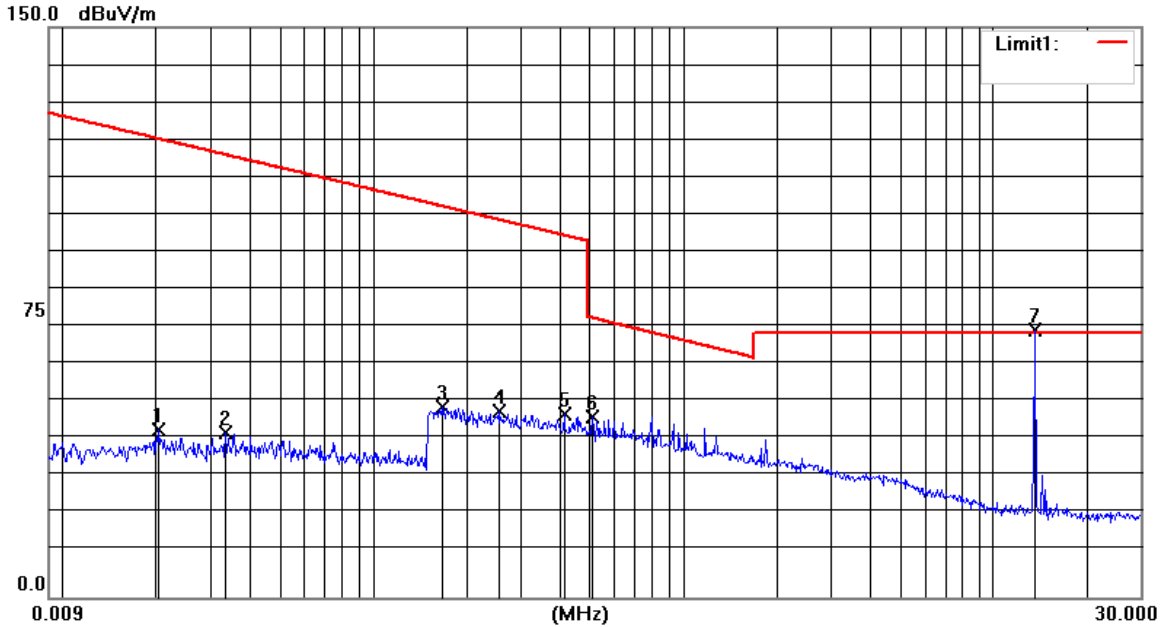
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3. Radiated Emissions(9kHz-30MHz)

Horizontal



Item	Freq.	Read Level	Correct Factor	Result Level@ 3m	Result Level@S PEC	Limit Line@SP EC	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0204	28.09	15.88	43.97	-36.03	40.61	-76.64	QP
2	0.0333	27.53	15.74	43.27	-36.73	36.47	-73.20	QP
3	0.1668	35.69	14.45	50.14	-29.86	22.89	-52.75	QP
4	0.2548	34.58	14.44	49.02	-30.98	19.31	-50.29	QP
5	0.4127	33.68	14.42	48.10	-31.90	15.25	-47.15	QP
6	0.5071	33.21	14.41	47.62	7.62	33.50	-25.88	QP
7	13.5600	57.36	13.00	70.36	30.36	Fundamental Frequency		Peak



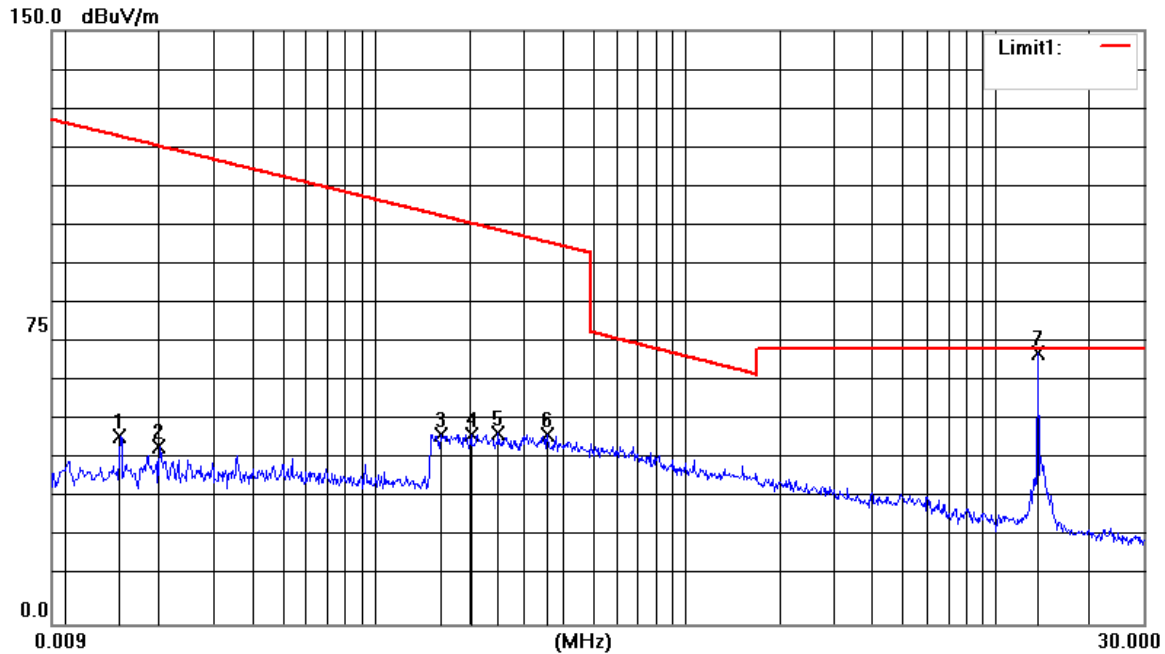
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Vertica



Item	Freq.	Read Level	Correct Factor	Result Level@3 m	Result Level@SP EC	Limit Line@SP EC	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0150	31.41	15.94	47.35	-32.65	43.20	-75.85	QP
2	0.0200	29.01	15.89	44.90	-35.10	40.77	-75.87	QP
3	0.1607	33.25	14.45	47.70	-32.30	23.20	-55.50	QP
4	0.2028	33.43	14.44	47.87	-32.13	21.24	-53.37	QP
5	0.2480	33.71	14.44	48.15	-31.85	19.54	-51.39	QP
6	0.3558	33.53	14.43	47.96	-32.04	16.50	-48.54	QP
7	13.5600	55.53	13.00	68.53	28.53	Fundamental Frequency		Peak



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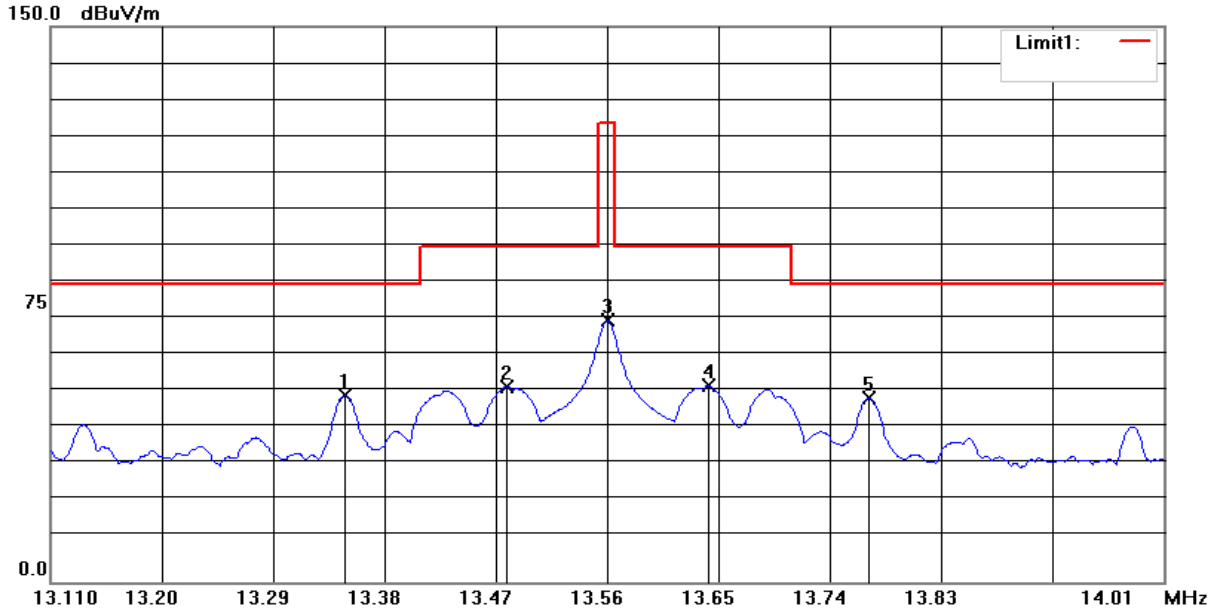
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4. Emission Mask

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	13.3485	37.33	13.02	50.35	80.50	-30.15	QP
2	13.4790	39.85	13.01	52.86	90.50	-37.64	QP
3	13.5600	57.51	13.00	70.51	124.00	-53.49	Peak
4	13.6420	40.01	12.99	53.00	90.50	-37.50	QP
5	13.7715	36.78	12.98	49.76	80.50	-30.74	QP



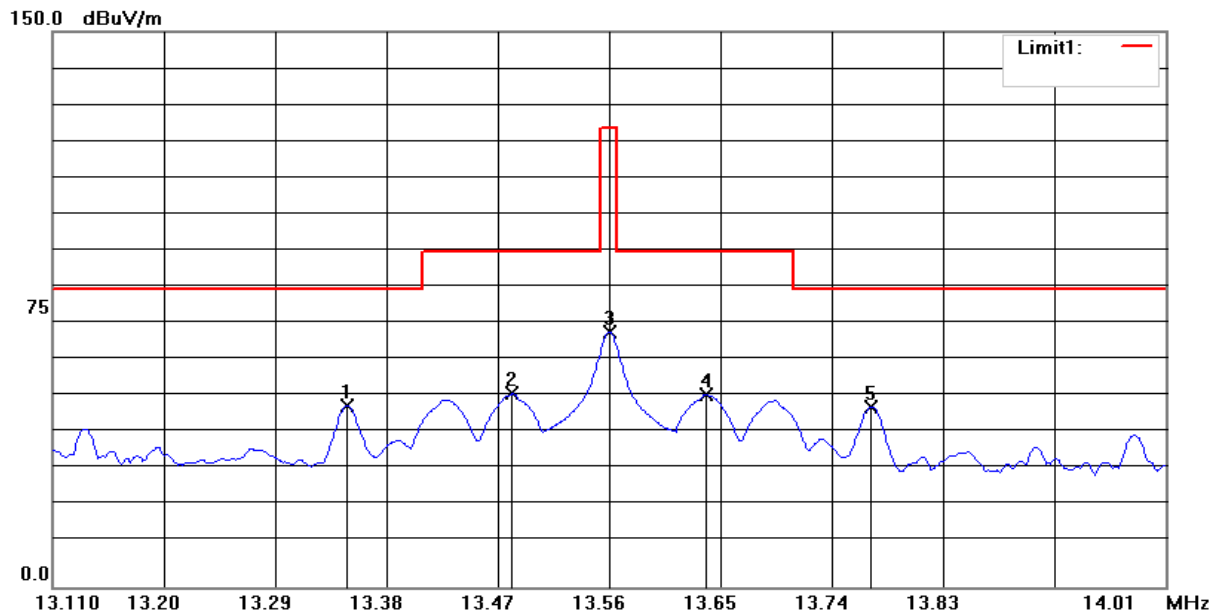
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Vertica



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	13.3485	36.01	13.02	49.03	80.50	-31.47	QP
2	13.4817	39.16	13.01	52.17	90.50	-38.33	QP
3	13.5600	55.97	13.00	68.97	124.00	-55.03	Peak
4	13.6383	38.99	12.99	51.98	90.50	-38.52	QP
5	13.7724	35.77	12.98	48.75	80.50	-31.75	QP



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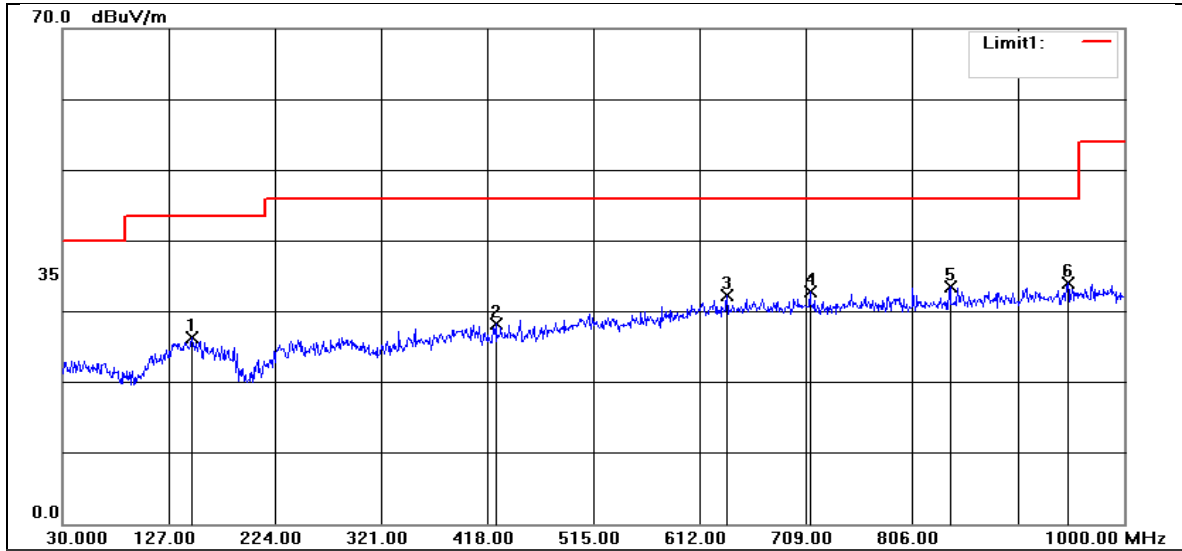
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5. Below 1GHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	148.3400	6.19	20.09	26.28	43.50	-17.22	QP
2	425.7600	4.37	23.96	28.33	46.00	-17.67	QP
3	637.2200	5.26	26.96	32.22	46.00	-13.78	QP
4	712.8800	5.27	27.49	32.76	46.00	-13.24	QP
5	840.9200	5.42	28.03	33.45	46.00	-12.55	QP
6	948.5900	4.77	29.28	34.05	46.00	-11.95	QP



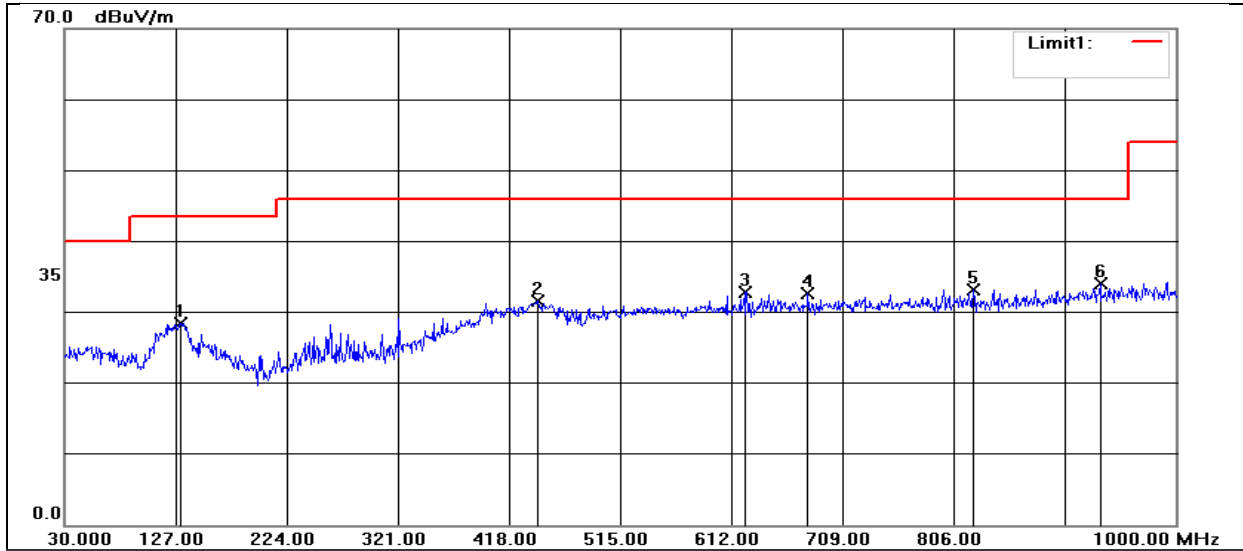
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Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	131.8500	8.97	19.55	28.52	43.50	-14.98	QP
2	443.2200	7.42	24.21	31.63	46.00	-14.37	QP
3	623.6400	6.03	26.79	32.82	46.00	-13.18	QP
4	678.9300	5.32	27.34	32.66	46.00	-13.34	QP
5	823.4600	5.22	27.95	33.17	46.00	-12.83	QP
6	934.0400	4.95	29.10	34.05	46.00	-11.95	QP



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