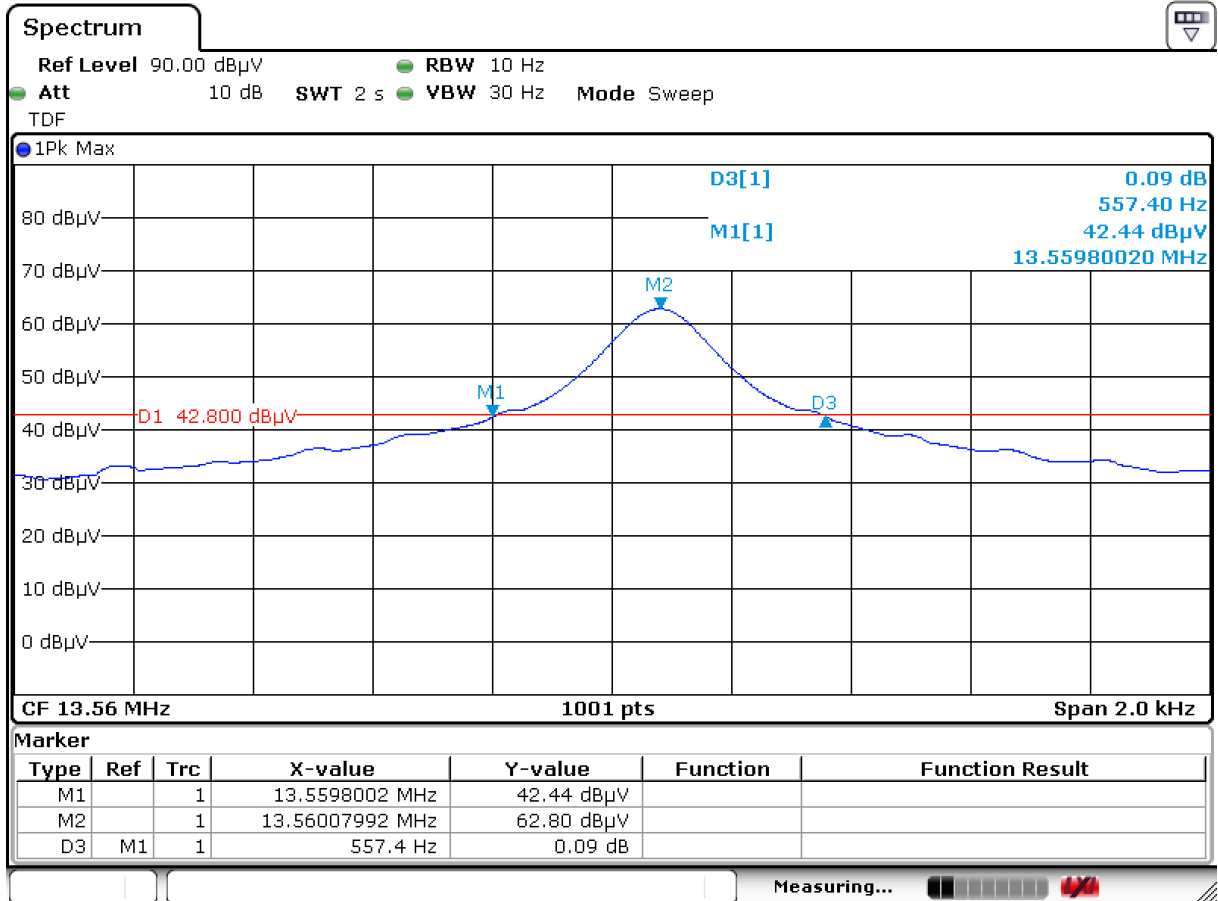


Appendix A for KSCR220200021701

1. 20dB Bandwidth

20dB bandwidth (kHz)	F _L (MHz)	F _H (MHz)	Limit (MHz)	Result
0.5574	13.5598	13.5604	13.110 - 14.010	Pass

Test plot as follows:



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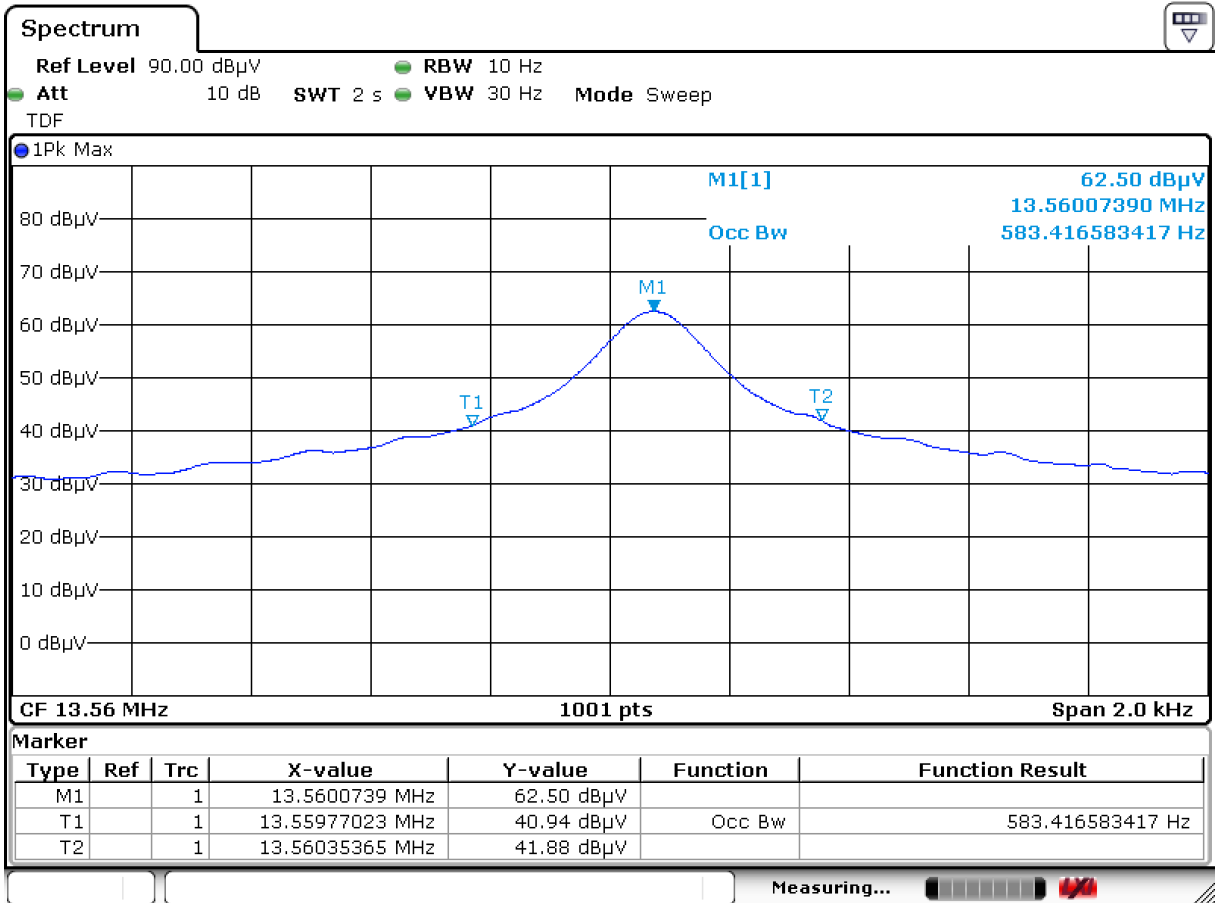
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2. 99% Bandwidth

99% bandwidth (kHz)	F _L (MHz)	F _H (MHz)	Limit (MHz)	Result
0.5834	13.5598	13.5604	13.110 - 14.010	Pass

Test plot as follows:



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3. Frequency tolerance

Nominal Operation Frequency: 13.56MHz

Test Conditions		Test Result (MHz)	Deviation (kHz)	Limit (kHz)	Result
Temp (°C)	Volt (V DC)				
T _{nom} (-20)	V _{nom} (12.0)	13.55982	-0.18	±0.01% (1.3560kHz)	Pass
T _{nom} (-10)	V _{nom} (12.0)	13.55989	-0.11		Pass
T _{nom} (0)	V _{nom} (12.0)	13.55995	-0.05		Pass
T _{nom} (10)	V _{nom} (12.0)	13.56001	0.01		Pass
T _{nom} (20)	V _{nom} (12.0)	13.56008	0.08		Pass
T _{nom} (30)	V _{nom} (12.0)	13.56013	0.13		Pass
T _{nom} (40)	V _{nom} (12.0)	13.56019	0.19		Pass
T _{nom} (50)	V _{nom} (12.0)	13.56024	0.24		Pass
T _{nom} (20)	V _{min} (10.8)	13.56004	0.04		Pass
	V _{max} (13.2)	13.56011	0.11		Pass

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



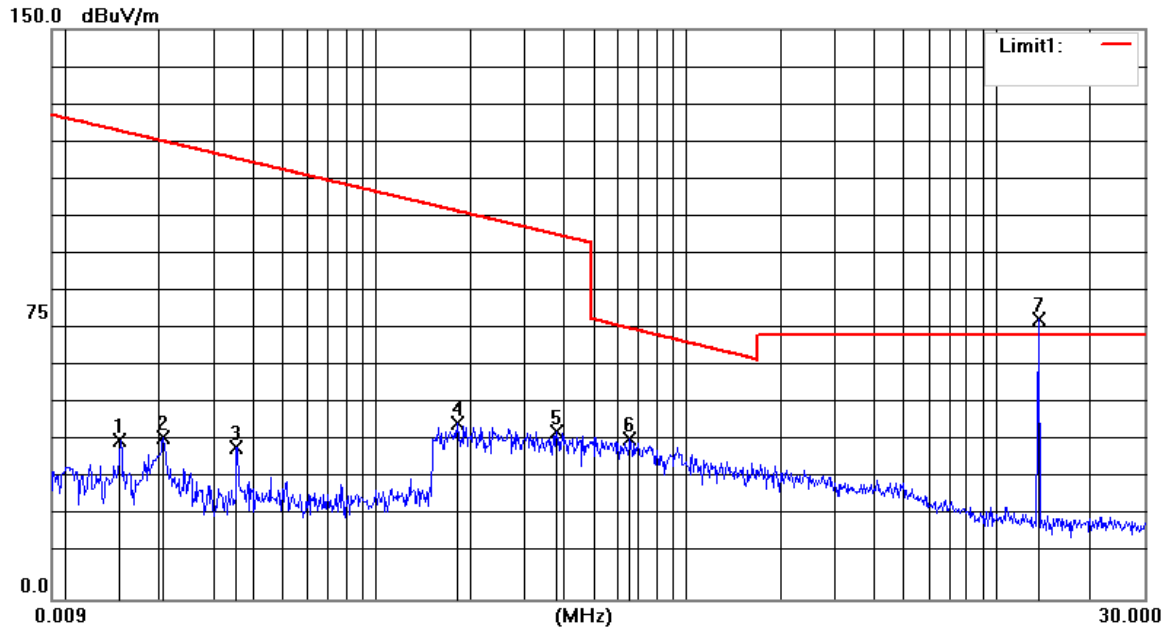
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4. Radiated Emissions(9kHz-30MHz)

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	0.0150	25.80	15.94	41.74	-38.26	43.20	-81.46	QP
2	0.0205	26.53	15.88	42.41	-37.59	40.57	-78.16	QP
3	0.0354	24.19	15.72	39.91	-40.09	35.96	-76.05	QP
4	0.1824	31.76	14.45	46.21	-33.79	22.13	-55.92	QP
5	0.3810	29.64	14.43	44.07	-35.93	15.92	-51.85	QP
6	0.6542	27.82	14.40	42.22	2.22	31.30	-29.08	QP
7	13.5600	60.66	13.00	73.66	33.66	Fundamental Frequency		Peak



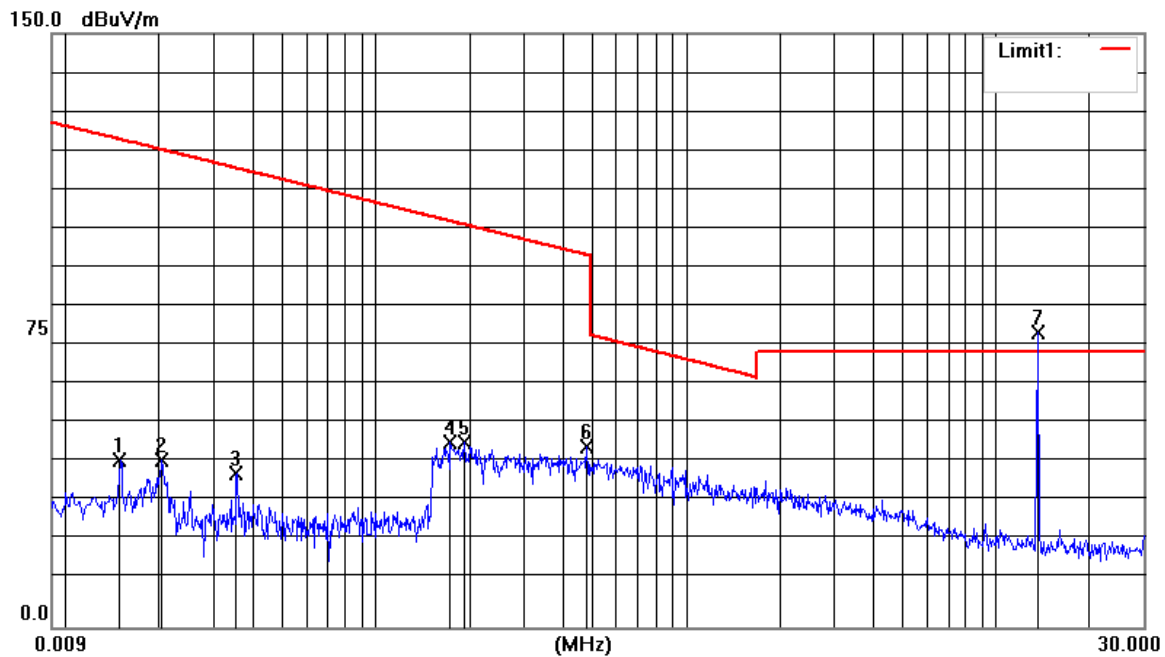
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Vertical



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	26.18	15.94	42.12	-37.88	43.20	-81.08	QP
2	0.0204	26.35	15.88	42.23	-37.77	40.61	-78.38	QP
3	0.0354	23.24	15.72	38.96	-41.04	35.96	-77.00	QP
4	0.1731	32.32	14.45	46.77	-33.23	22.57	-55.80	QP
5	0.1922	32.37	14.45	46.82	-33.18	21.69	-54.87	QP
6	0.4786	31.06	14.41	45.47	-34.53	14.00	-48.53	QP
7	13.5600	61.35	13.00	74.35	34.35	Fundamental Frequency		Peak



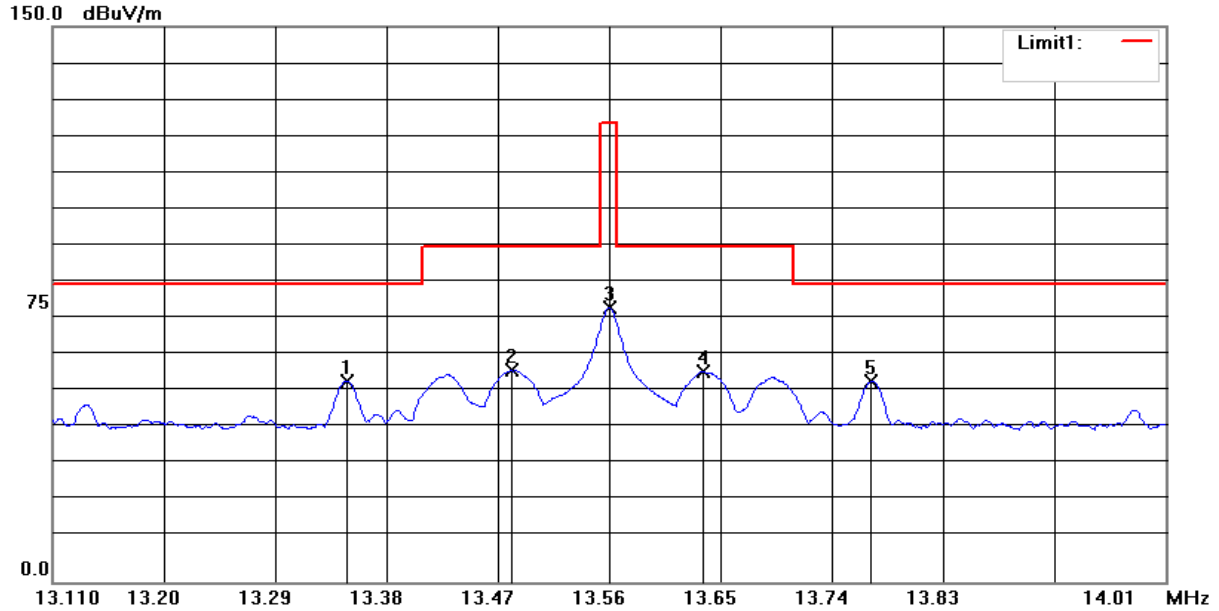
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5. Emission Mask

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	41.18	13.02	54.20	80.50	-26.30	QP
2	13.4808	44.11	13.01	57.12	90.50	-33.38	QP
3	13.5600	61.04	13.00	74.04	124.00	-49.96	Peak
4	13.6356	43.84	12.99	56.83	90.50	-33.67	QP
5	13.7724	41.21	12.98	54.19	80.50	-26.31	QP



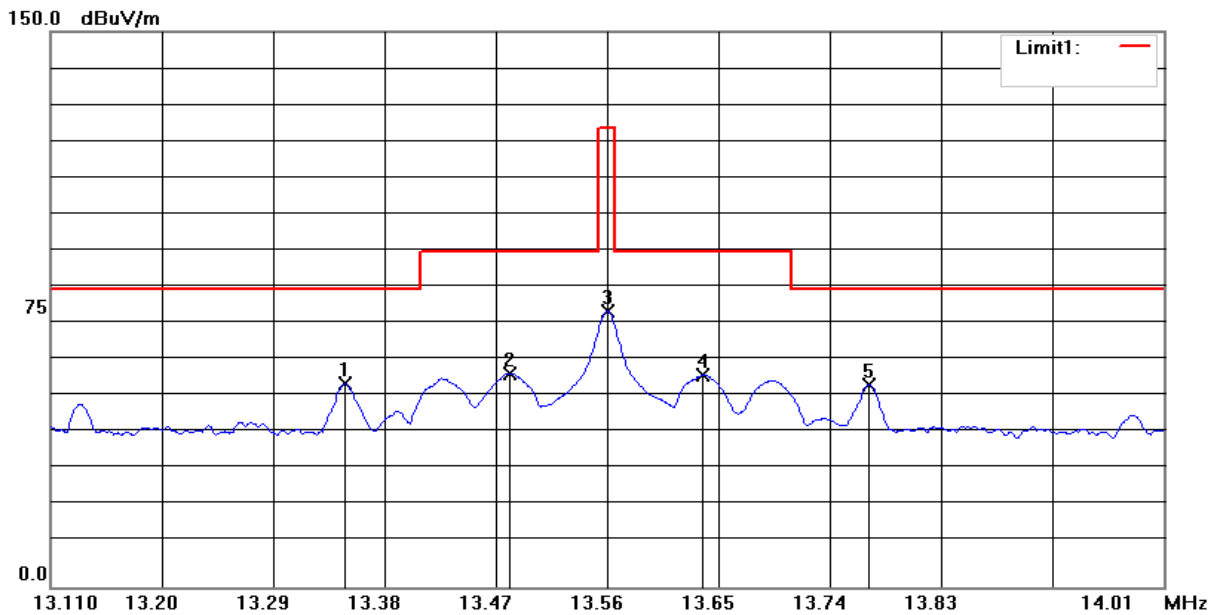
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Vertical



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	41.84	13.02	54.86	80.50	-25.64	QP
2	13.4808	44.72	13.01	57.73	90.50	-32.77	QP
3	13.5600	61.60	13.00	74.60	124.00	-49.40	Peak
4	13.6374	44.30	12.99	57.29	90.50	-33.21	QP
5	13.7715	41.65	12.98	54.63	80.50	-25.87	QP



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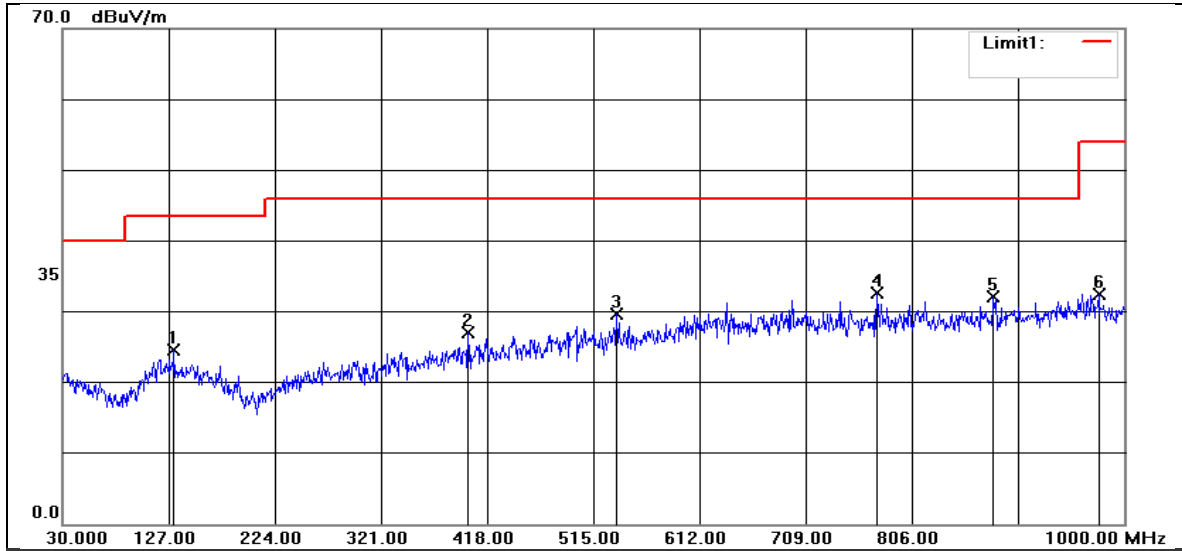
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6. Below 1GHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	131.8500	4.99	19.55	24.54	43.50	-18.96	QP
2	400.5400	3.41	23.59	27.00	46.00	-19.00	QP
3	536.3400	3.92	25.67	29.59	46.00	-16.41	QP
4	773.9900	4.92	27.65	32.57	46.00	-13.43	QP
5	880.6900	3.66	28.44	32.10	46.00	-13.90	QP
6	976.7200	3.29	29.25	32.54	54.00	-21.46	QP



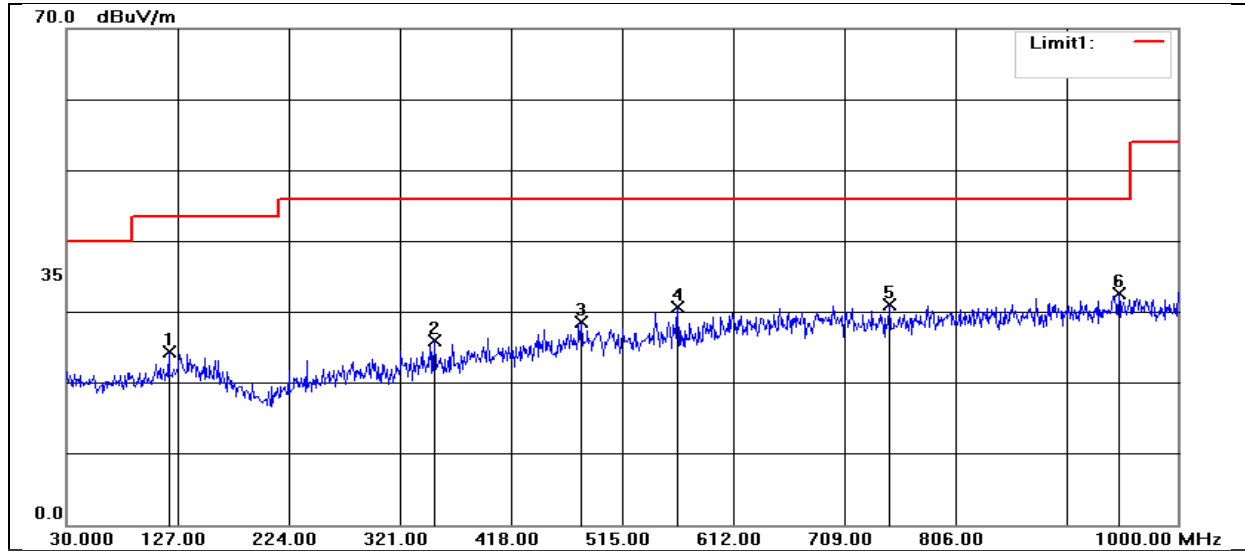
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Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	119.2400	5.21	19.14	24.35	43.50	-19.15	QP
2	351.0700	3.65	22.41	26.06	46.00	-19.94	QP
3	479.1100	3.72	24.85	28.57	46.00	-17.43	QP
4	563.5000	4.66	26.01	30.67	46.00	-15.33	QP
5	748.7700	3.60	27.48	31.08	46.00	-14.92	QP
6	948.5900	3.32	29.28	32.60	46.00	-13.40	QP



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