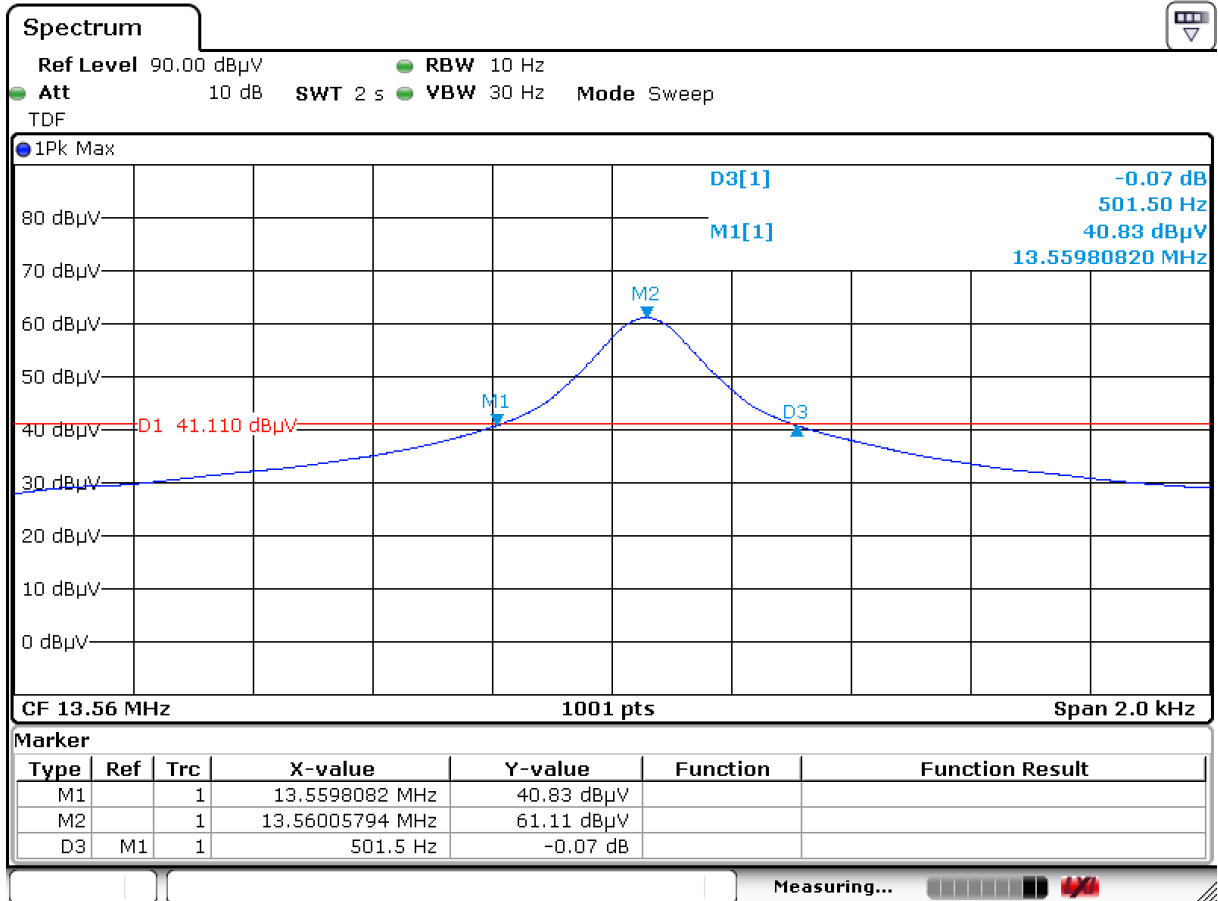


Appendix C for KSCR220200021503

1. 20dB Bandwidth

20dB bandwidth (kHz)	F _L (MHz)	F _H (MHz)	Limit (MHz)	Result
0.5015	13.5598	13.5603	13.110 - 14.010	Pass

Test plot as follows:



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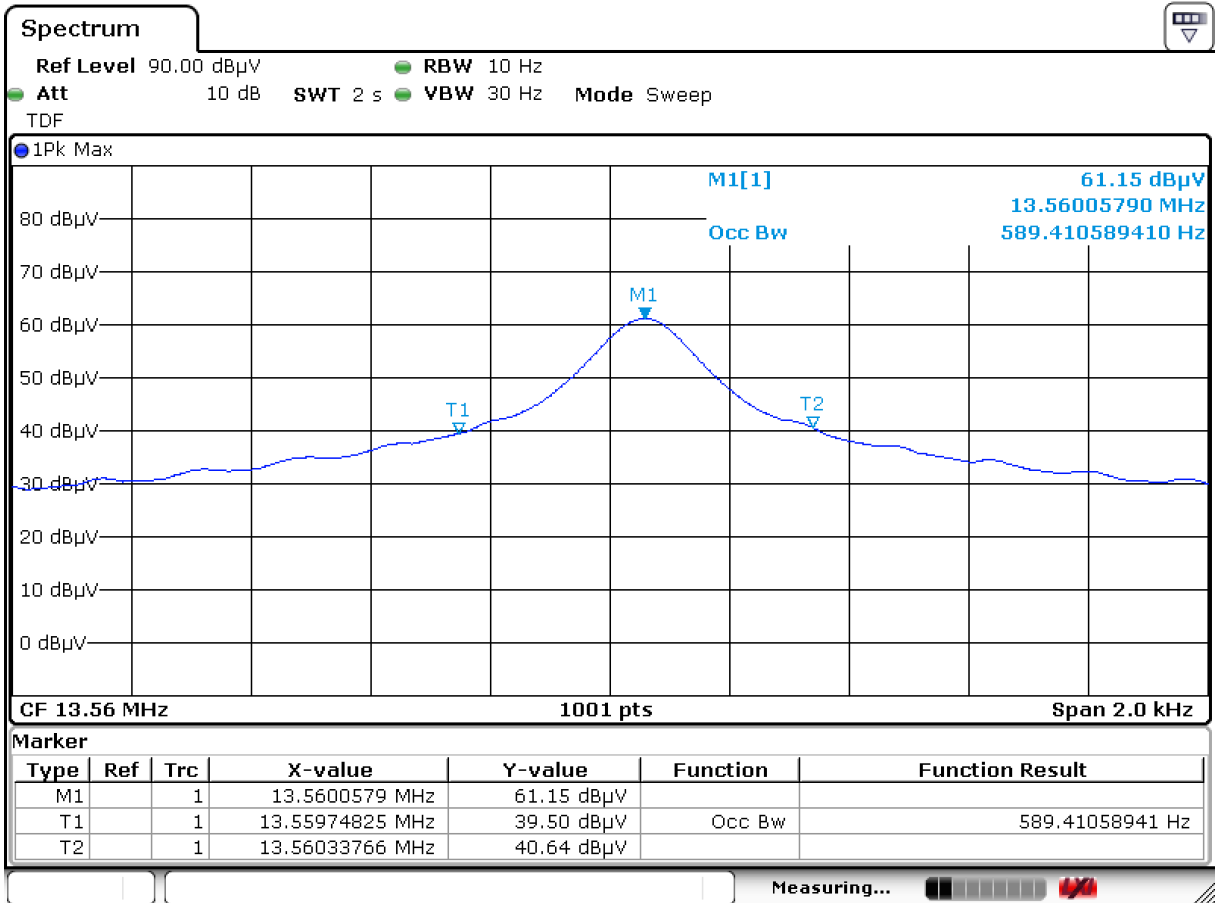
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2. 99% Bandwidth

99% bandwidth (kHz)	F _L (MHz)	F _H (MHz)	Limit (MHz)	Result
0.5894	13.5597	13.5603	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)	13.55981	-0.19	±0.01% (1.3560kHz)	Pass
T _{nom} (-10)	V _{nom} (12.0)	13.55988	-0.12		Pass
T _{nom} (0)	V _{nom} (12.0)	13.55993	-0.07		Pass
T _{nom} (10)	V _{nom} (12.0)	13.56000	0.00		Pass
T _{nom} (20)	V _{nom} (12.0)	13.56006	0.06		Pass
T _{nom} (30)	V _{nom} (12.0)	13.56012	0.12		Pass
T _{nom} (40)	V _{nom} (12.0)	13.56017	0.17		Pass
T _{nom} (50)	V _{nom} (12.0)	13.56023	0.23		Pass
T _{nom} (20)	V _{min} (10.8)	13.56003	0.03		Pass
	V _{max} (13.2)	13.56009	0.09		Pass

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



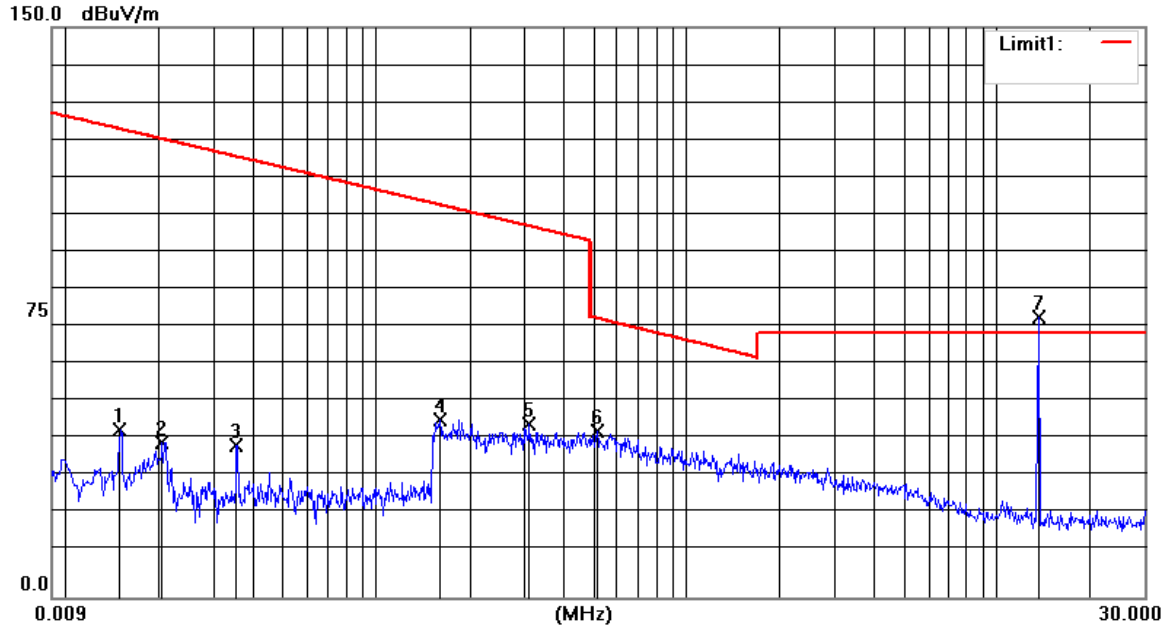
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4. Radiated Emissions(9kHz-30MHz)

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	28.25	15.94	44.19	-35.81	43.20	-79.01	QP
2	0.0204	24.96	15.88	40.84	-39.16	40.61	-79.77	QP
3	0.0354	24.13	15.72	39.85	-40.15	35.96	-76.11	QP
4	0.1597	32.40	14.45	46.85	-33.15	23.25	-56.40	QP
5	0.3100	31.15	14.43	45.58	-34.42	17.66	-52.08	QP
6	0.5128	29.27	14.41	43.68	3.68	33.41	-29.73	QP
7	13.5600	60.76	13.00	73.76	33.76	Fundamental Frequency		Peak

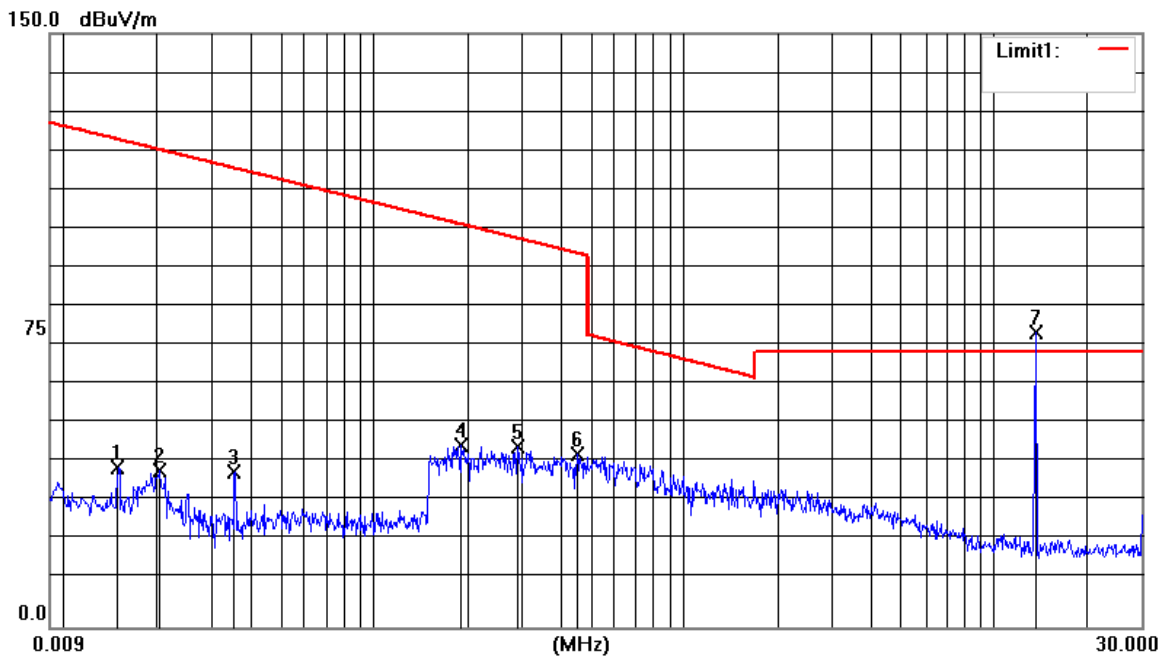


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Vertical



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	24.22	15.94	40.16	-39.84	43.20	-83.04	QP
2	0.0204	23.67	15.88	39.55	-40.45	40.61	-81.06	QP
3	0.0354	23.30	15.72	39.02	-40.98	35.96	-76.94	QP
4	0.1904	31.32	14.45	45.77	-34.23	21.77	-56.00	QP
5	0.2893	31.16	14.43	45.59	-34.41	18.24	-52.65	QP
6	0.4516	29.32	14.42	43.74	-36.26	14.49	-50.75	QP
7	13.5600	61.47	13.00	74.47	34.47	Fundamental Frequency		Peak



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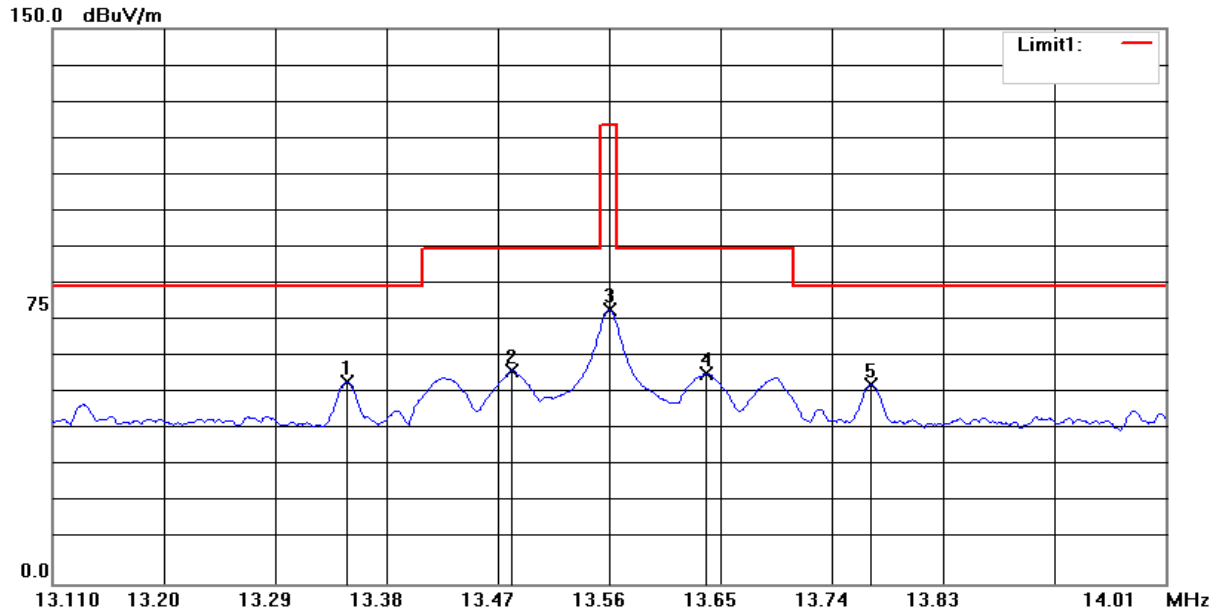
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5. Emission Mask

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	41.54	13.02	54.56	80.50	-25.94	QP
2	13.4817	44.69	13.01	57.70	90.50	-32.80	QP
3	13.5600	61.20	13.00	74.20	124.00	-49.80	Peak
4	13.6383	43.93	12.99	56.92	90.50	-33.58	QP
5	13.7715	40.84	12.98	53.82	80.50	-26.68	QP

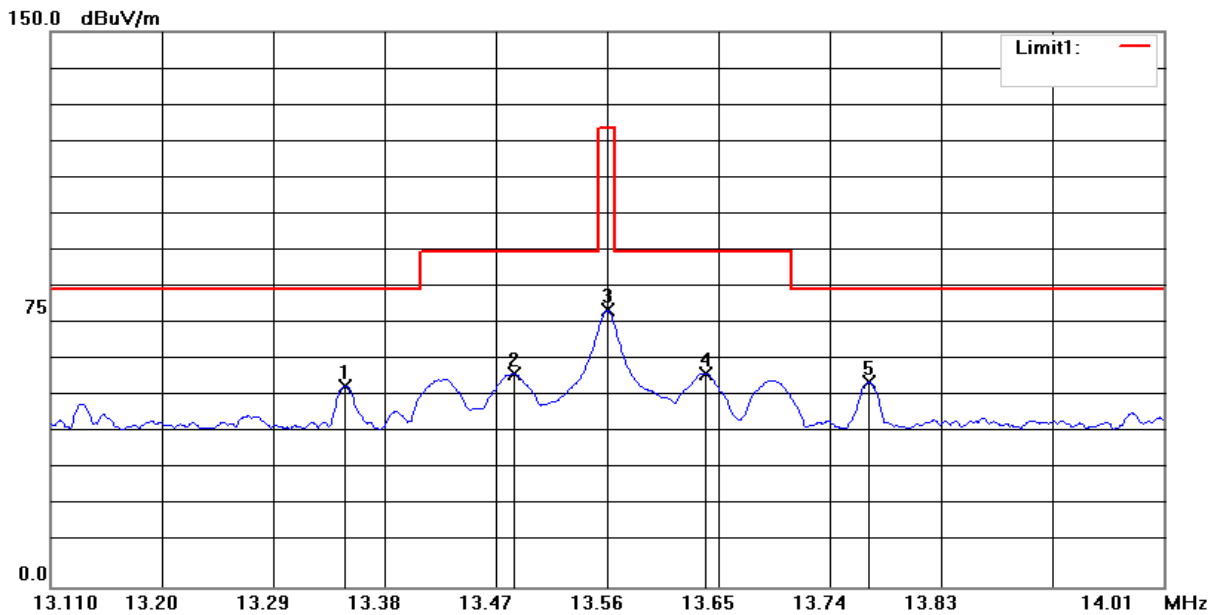


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Vertical



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	13.3484	41.33	13.02	54.35	80.50	-26.15	QP
2	13.4844	44.66	13.01	57.67	90.50	-32.83	QP
3	13.5600	61.67	13.00	74.67	124.00	-49.33	Peak
4	13.6401	44.69	12.99	57.68	90.50	-32.82	QP
5	13.7714	42.25	12.98	55.23	80.50	-25.27	QP



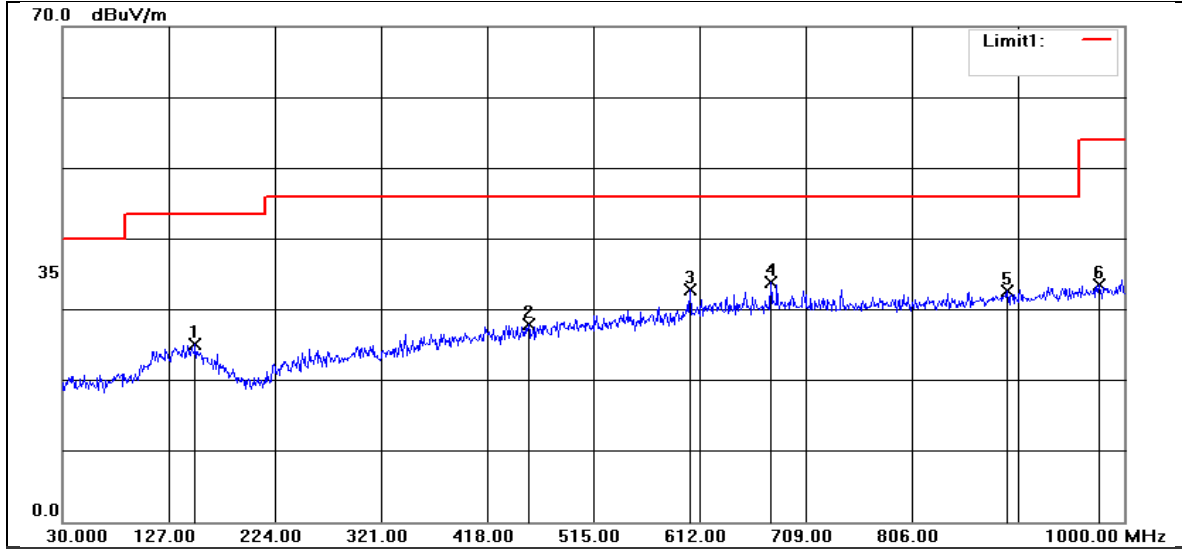
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6. Below 1GHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	151.2500	5.10	20.04	25.14	43.50	-18.36	QP
2	455.8300	3.47	24.42	27.89	46.00	-18.11	QP
3	603.2700	6.24	26.55	32.79	46.00	-13.21	QP
4	676.9900	6.60	27.32	33.92	46.00	-12.08	QP
5	893.3000	4.00	28.59	32.59	46.00	-13.41	QP
6	976.7200	4.22	29.25	33.47	54.00	-20.53	QP

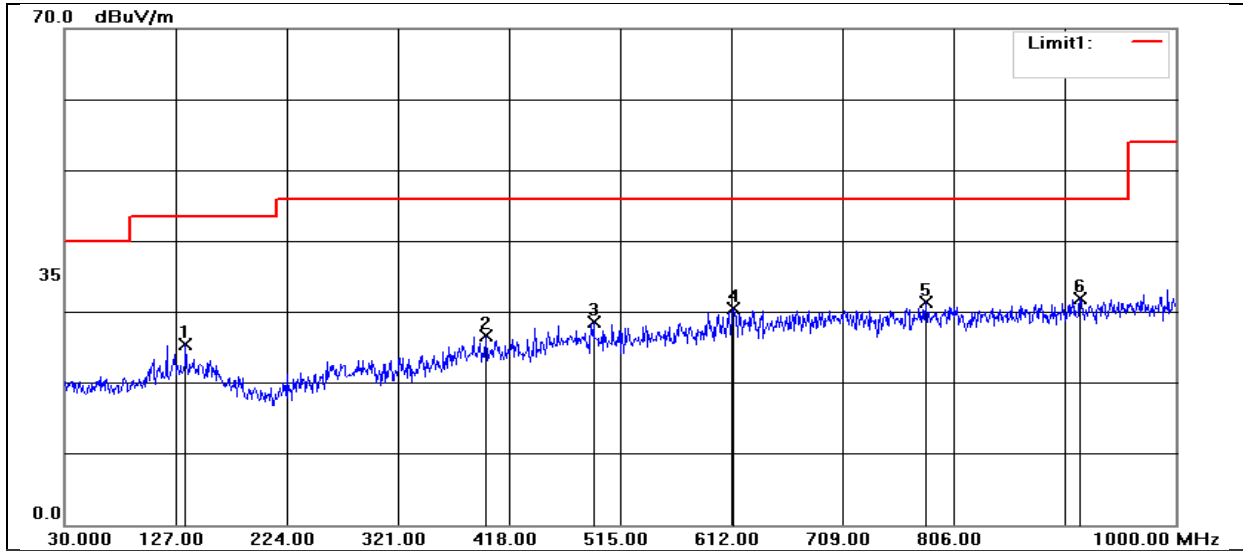


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Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	135.7300	5.83	19.67	25.50	43.50	-18.00	QP
2	397.6300	3.09	23.52	26.61	46.00	-19.39	QP
3	491.7200	3.48	25.09	28.57	46.00	-17.43	QP
4	613.9400	3.78	26.68	30.46	46.00	-15.54	QP
5	781.7500	3.75	27.70	31.45	46.00	-14.55	QP
6	916.5800	3.04	28.88	31.92	46.00	-14.08	QP



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