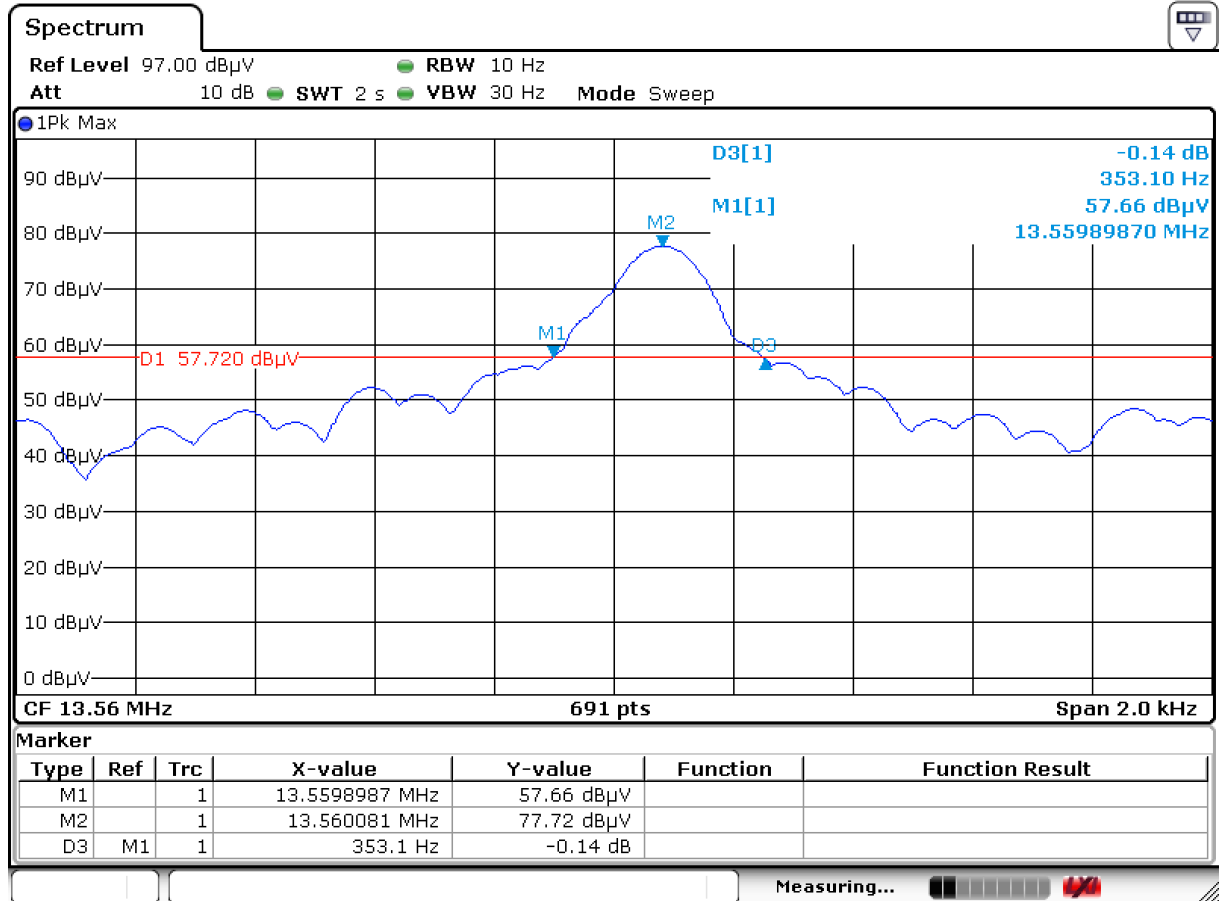


Appendix D for KSCR220500075904-13.56MHz

1. 20dB Bandwidth

20dB bandwidth (kHz)	F _L (MHz)	F _H (MHz)	Limit(MHz)	Result
0.5065	13.5599	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)	13.55998	-0.02	±0.01% (1.3560kHz)	Pass
T _{nom} (-10)	V _{nom} (120)	13.55999	-0.01		Pass
T _{nom} (0)	V _{nom} (120)	13.56006	0.06		Pass
T _{nom} (10)	V _{nom} (120)	13.56011	0.11		Pass
T _{nom} (20)	V _{nom} (120)	13.56013	0.13		Pass
T _{nom} (30)	V _{nom} (120)	13.56019	0.19		Pass
T _{nom} (40)	V _{nom} (120)	13.56024	0.24		Pass
T _{nom} (50)	V _{nom} (120)	13.56027	0.27		Pass
T _{nom} (20)	V _{min} (102)	13.56014	0.14		Pass
	V _{max} (138)	13.56018	0.18		Pass

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



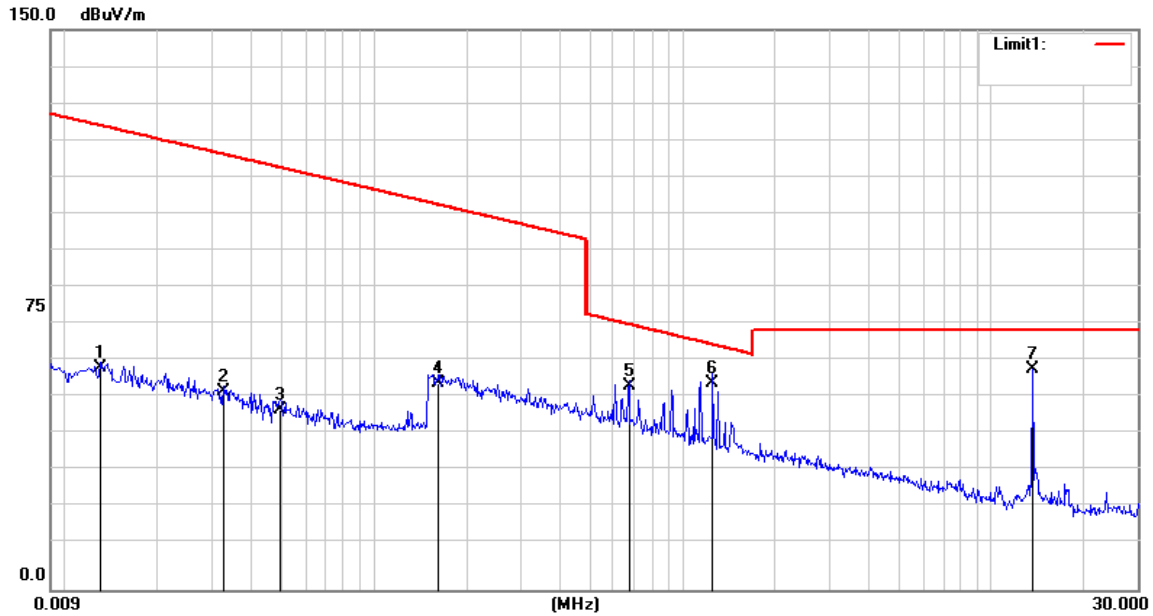
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3. Radiated Emissions(9kHz-30MHz)

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	0.0131	43.11	15.96	59.07	-20.63	44.34	-65.27	QP
2	0.0325	37.38	15.75	53.13	-26.87	36.68	-63.55	QP
3	0.0497	32.50	15.56	48.06	-31.94	33.1	-65.04	QP
4	0.1621	40.69	14.45	55.14	-24.86	23.13	-47.99	QP
5	0.6683	39.98	14.40	54.38	14.38	31.11	-16.73	QP
6	1.2555	41.12	14.34	55.46	15.46	25.65	-10.19	QP
7	13.5600	46.09	13.09	59.18	19.18	84.00	-64.82	Peak



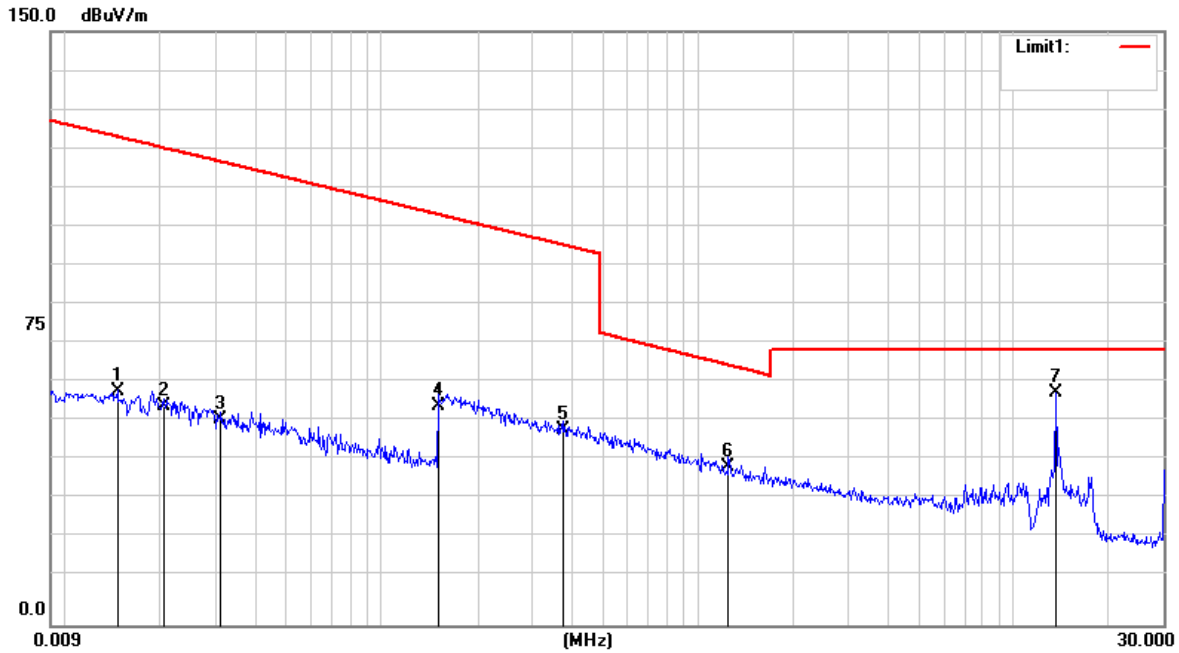
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Vertical



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	0.0146	42.56	15.95	58.51	-20.99	43.43	-64.92	QP
2	0.0206	39.46	15.88	55.34	-24.66	40.52	-65.18	QP
3	0.0310	36.01	15.77	51.78	-28.22	37.08	-65.3	QP
4	0.1500	41.04	14.45	55.49	-24.51	23.78	-48.29	QP
5	0.3730	34.94	14.43	49.37	-30.63	16.1	-46.73	QP
6	1.2555	25.72	14.34	40.06	0.06	25.65	-25.59	QP
7	13.5600	45.50	13.09	58.59	18.59	84.00	-65.41	Peak

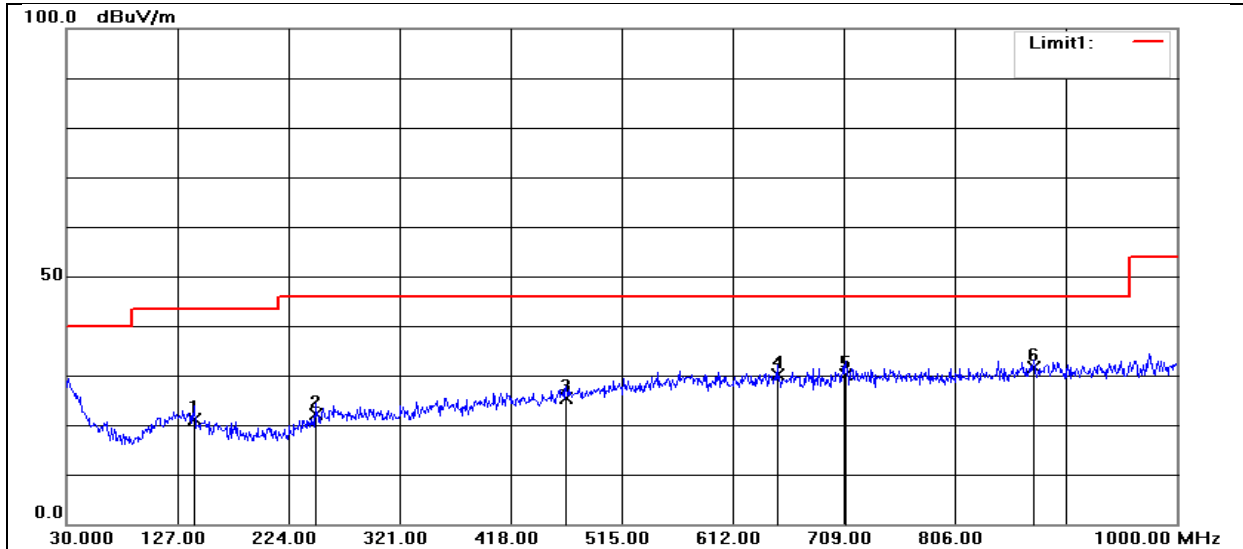


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4. Below 1GHz

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	141.5500	2.68	18.38	21.06	43.50	-22.44	QP
2	247.2800	2.62	19.51	22.13	46.00	-23.87	QP
3	466.5000	0.51	24.96	25.47	46.00	-20.53	QP
4	650.8000	2.40	27.65	30.05	46.00	-15.95	QP
5	710.9400	27.74	2.45	30.19	46.00	-15.81	QP
6	874.8700	29.25	2.29	31.54	46.00	-14.46	QP



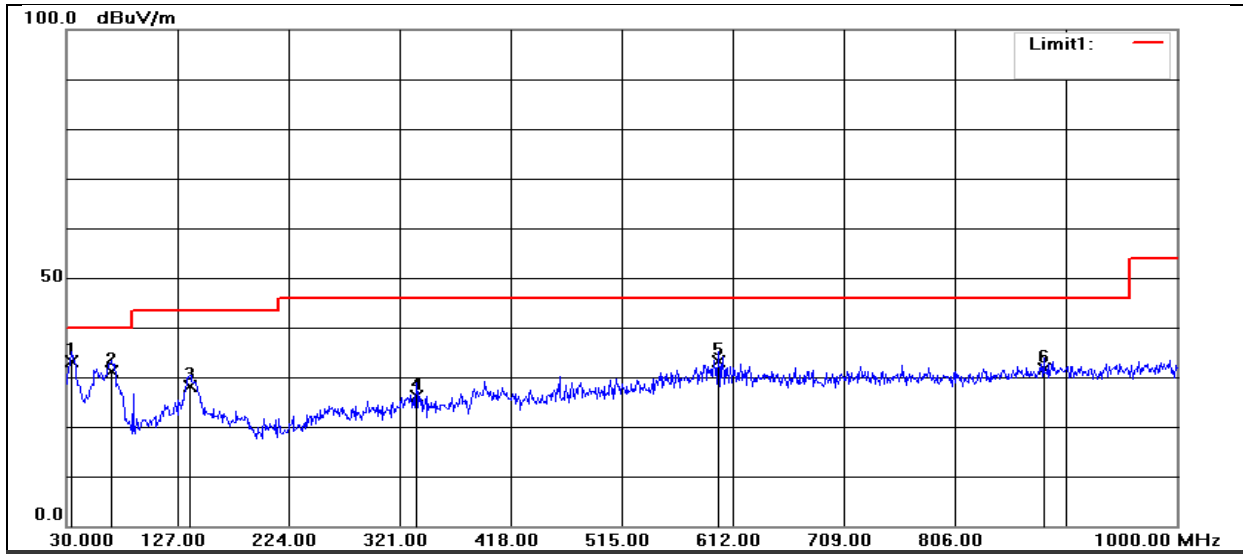
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Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	34.8500	8.44	24.67	33.11	40.00	-6.89	QP
2	69.7700	15.40	15.66	31.06	40.00	-8.94	QP
3	137.6700	9.37	18.82	28.19	43.50	-15.31	QP
4	335.5500	4.79	21.35	26.14	46.00	-19.86	QP
5	599.3900	5.97	27.04	33.01	46.00	-12.99	QP
6	883.6000	29.24	2.35	31.59	46.00	-14.41	QP



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