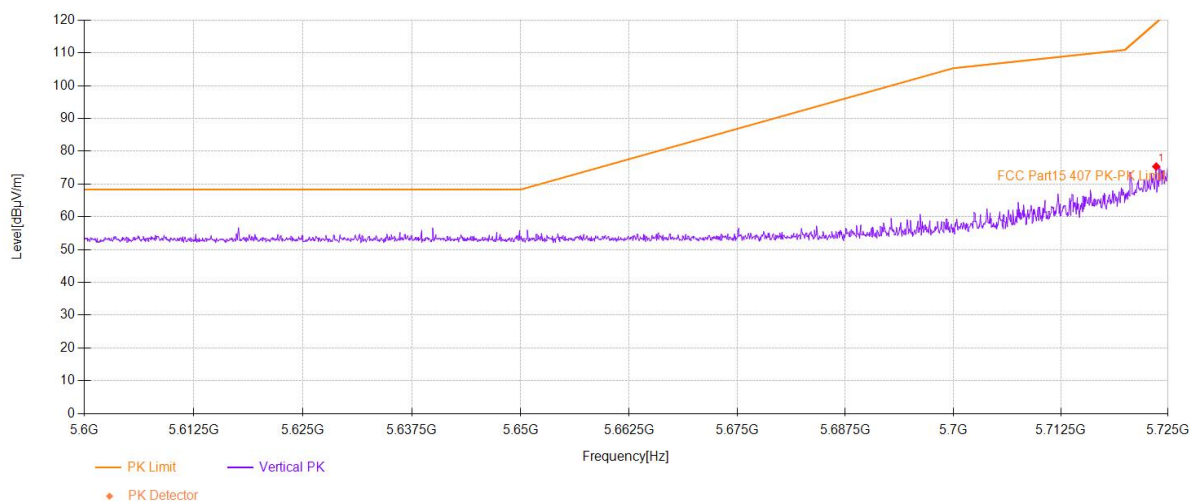


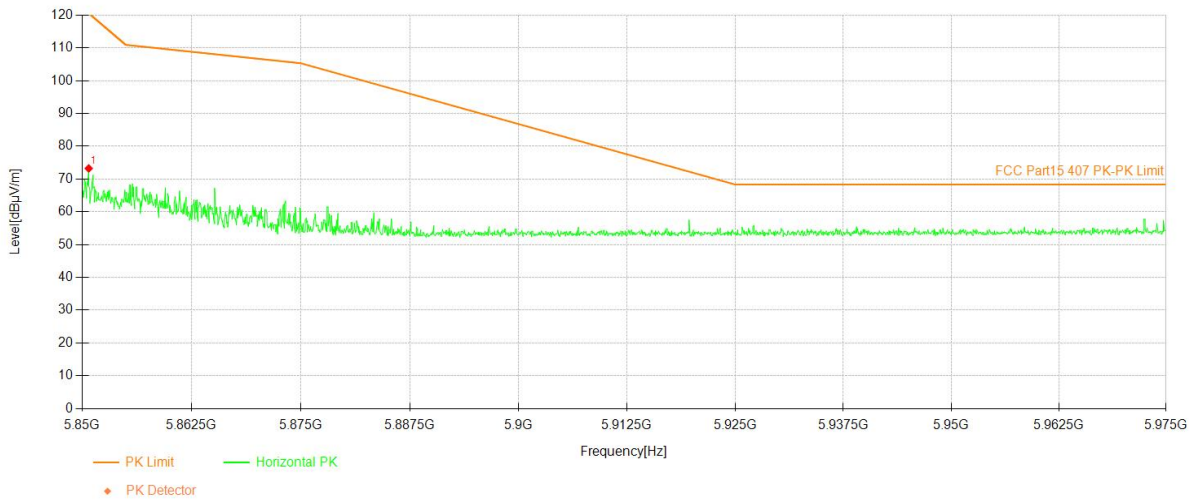
Test Model U-NII-3
Undesirable radiated 802.11a Undesirable radiated Channel 149: 5745MHz Spurious Emission in Band Edge Ant.Pol V



Suspected Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5723.62	75.32	39.04	119.16	43.84	PK	Vertical

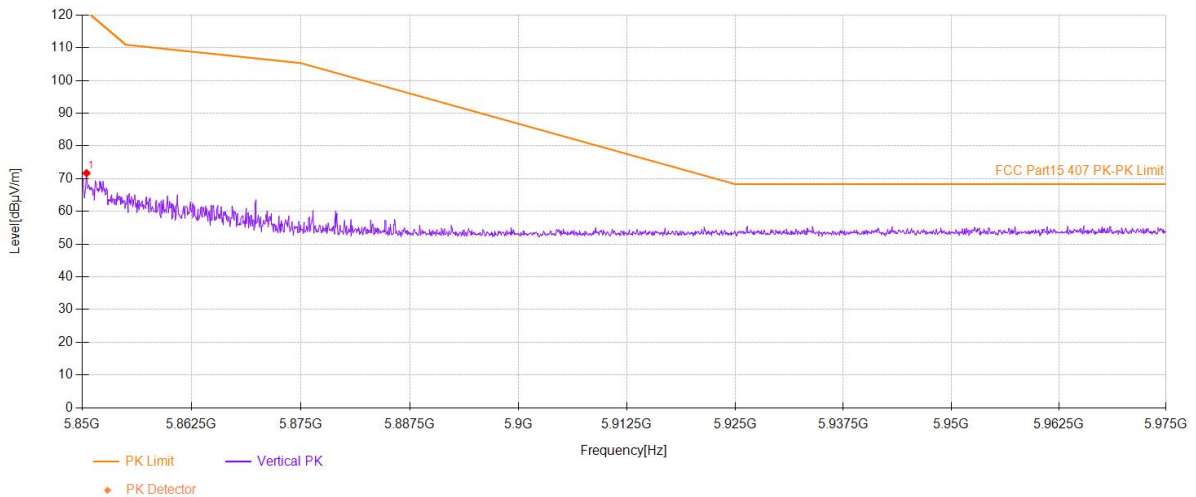
U-NII-3

Test Model	Undesirable radiated	Undesirable radiated	Spurious Emission in Band Edge	
	802.11a	Channel 165: 5825MHz	Ant.Pol	H



Suspected Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor[dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5850.75	73.22	39.37	120.59	47.37	PK	Horizontal

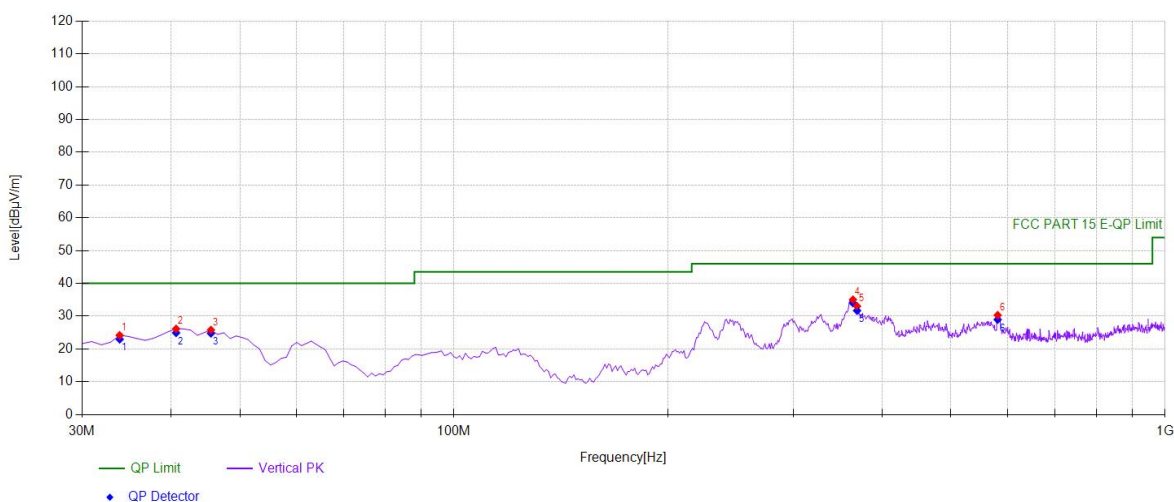
U-NII-3				
Test Model	Undesirable radiated	Undesirable radiated	Spurious Emission in Band Edge	
	802.11a	Channel 165: 5825MHz	Ant.Pol	V



Suspected Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	5850.50	71.66	39.37	121.16	49.50	PK	Vertical

- Undesirable radiated Spurious Emission below 1GHz (30MHz to 1GHz)
All the antenna(Antenna 1) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1,802.11a) result recorded was report as below:

Mode:	11A 5180
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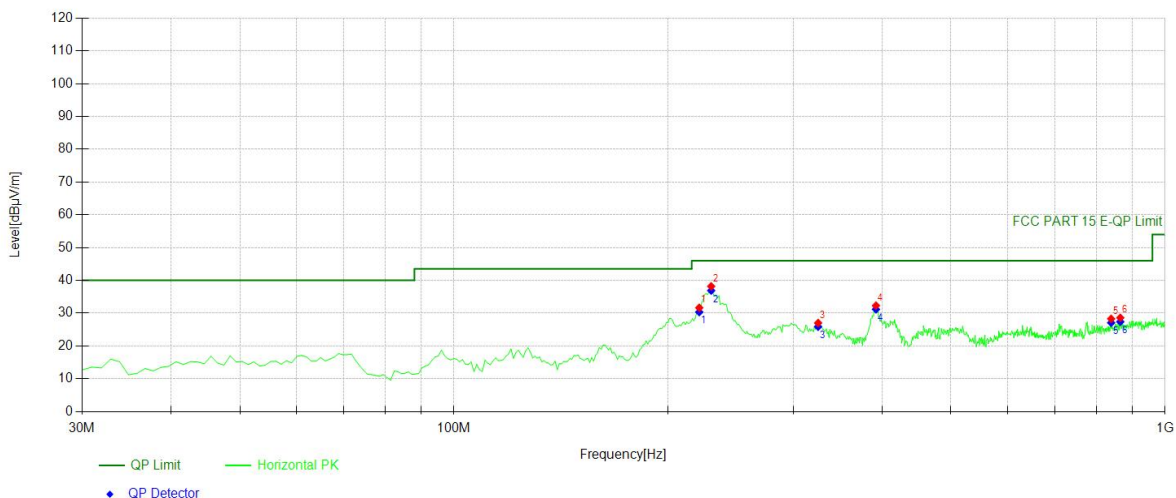


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	33.8839	37.33	-13.19	24.14	PK	40.00	15.86	Vertical
2	40.6807	38.26	-12.15	26.11	PK	40.00	13.89	Vertical
3	45.5355	37.16	-11.38	25.78	PK	40.00	14.22	Vertical
4	364.014	41.50	-6.48	35.02	PK	46.00	10.98	Vertical
5	368.868	39.33	-6.30	33.03	PK	46.00	12.97	Vertical
6	581.511	31.60	-1.31	30.29	PK	46.00	15.71	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	33.8839	-13.19	22.93	40.00	17.07
2	40.6807	-12.15	24.90	40.00	15.10
3	45.5355	-11.38	24.75	40.00	15.25
4	364.014	-6.48	33.99	46.00	12.01
5	368.8689	-6.30	31.68	46.00	14.32
6	581.5115	-1.31	28.94	46.00	17.06



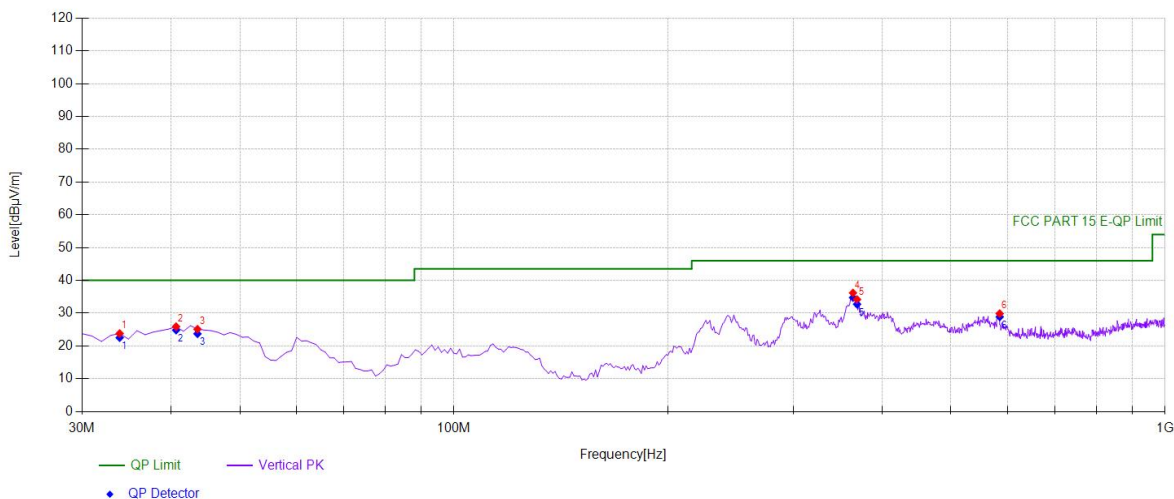
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	221.281	42.67	-11.04	31.63	PK	46.00	14.37	Horizontal
2	230.02	48.91	-10.74	38.17	PK	46.00	7.83	Horizontal
3	325.175	34.61	-7.62	26.99	PK	46.00	19.01	Horizontal
4	392.172	37.90	-5.61	32.29	PK	46.00	13.71	Horizontal
5	839.789	27.28	0.98	28.26	PK	46.00	17.74	Horizontal
6	865.035	26.49	2.09	28.58	PK	46.00	17.42	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	221.2813	-11.04	30.33	46.00	15.67
2	230.02	-10.74	36.87	46.00	9.13
3	325.1752	-7.62	25.86	46.00	20.14
4	392.1722	-5.61	31.16	46.00	14.84
5	839.7898	0.98	27.05	46.00	18.95
6	865.035	2.09	27.37	46.00	18.63

Mode:	11A 5200
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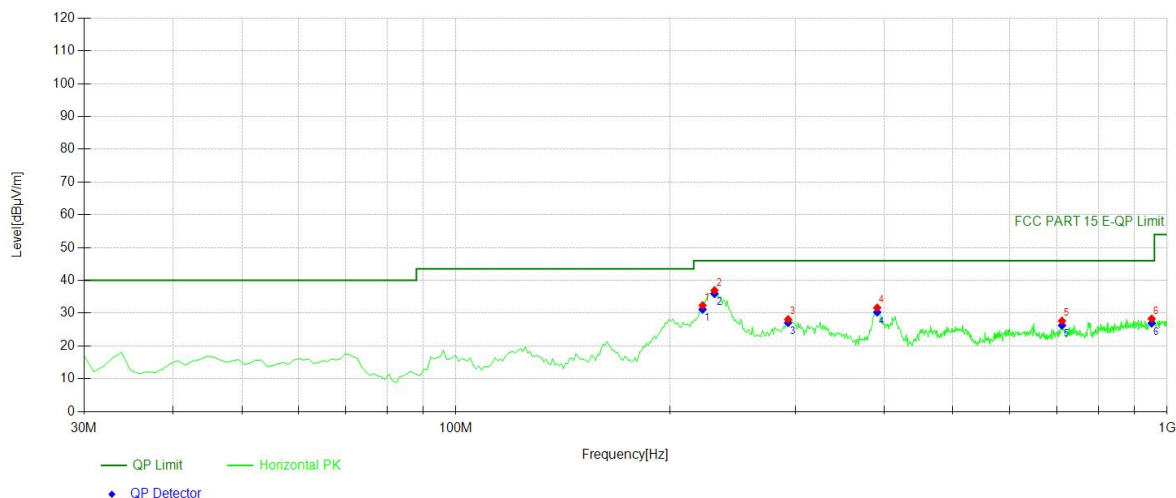


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	33.8839	36.97	-13.19	23.78	PK	40.00	16.22	Vertical
2	40.6807	38.04	-12.15	25.89	PK	40.00	14.11	Vertical
3	43.5936	36.79	-11.68	25.11	PK	40.00	14.89	Vertical
4	364.014	42.64	-6.48	36.16	PK	46.00	9.84	Vertical
5	368.868	40.45	-6.30	34.15	PK	46.00	11.85	Vertical
6	585.395	30.92	-1.06	29.86	PK	46.00	16.14	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	33.8839	-13.19	22.50	40.00	17.50
2	40.6807	-12.15	24.79	40.00	15.21
3	43.5936	-11.68	23.69	40.00	16.31
4	364.014	-6.48	34.74	46.00	11.26
5	368.8689	-6.30	32.73	46.00	13.27
6	585.3954	-1.06	28.85	46.00	17.15



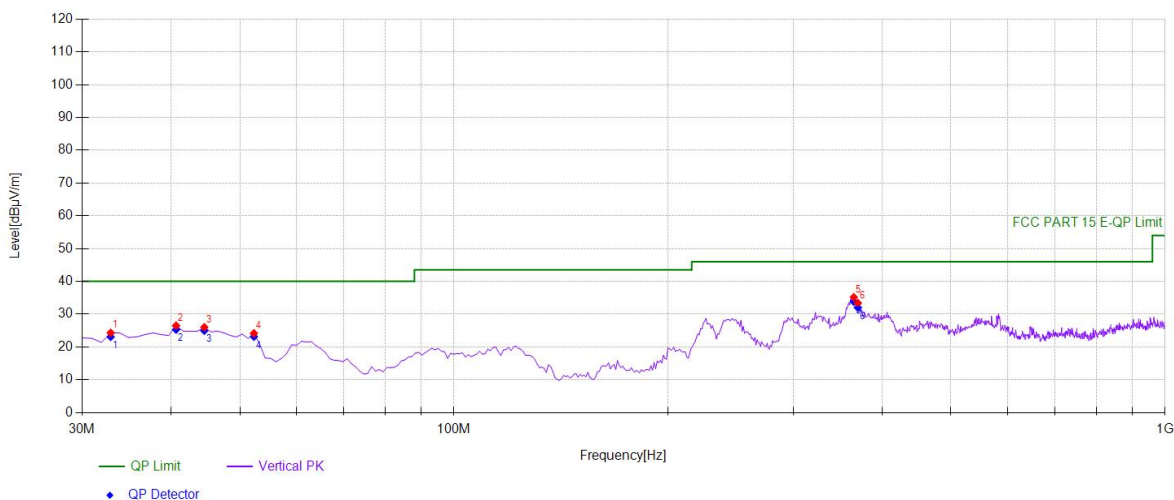
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	222.252	43.35	-11.00	32.35	PK	46.00	13.65	Horizontal
2	230.991	47.65	-10.71	36.94	PK	46.00	9.06	Horizontal
3	293.133	36.68	-8.59	28.09	PK	46.00	17.91	Horizontal
4	391.201	37.26	-5.62	31.64	PK	46.00	14.36	Horizontal
5	711.621	27.81	-0.18	27.63	PK	46.00	18.37	Horizontal
6	951.451	25.52	2.75	28.27	PK	46.00	17.73	Horizontal

Final Data List

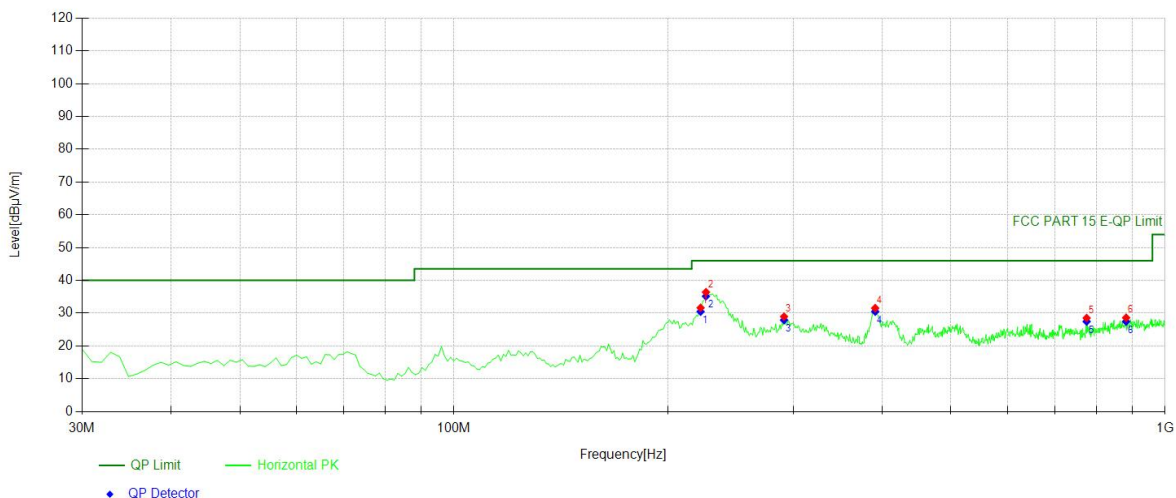
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	222.2523	-11.00	31.12	46.00	14.88
2	230.991	-10.71	35.89	46.00	10.11
3	293.1331	-8.59	27.04	46.00	18.96
4	391.2012	-5.62	30.27	46.00	15.73
5	711.6216	-0.18	26.26	46.00	19.74
6	951.4515	2.75	26.90	46.00	19.10

Mode:	11A 5240
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Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	32.9129	37.62	-13.34	24.28	PK	40.00	15.72	Vertical
2	40.6807	38.65	-12.15	26.50	PK	40.00	13.50	Vertical
3	44.5646	37.52	-11.53	25.99	PK	40.00	14.01	Vertical
4	52.3323	35.12	-10.97	24.15	PK	40.00	15.85	Vertical
5	364.985	41.60	-6.45	35.15	PK	46.00	10.85	Vertical
6	369.839	39.62	-6.26	33.36	PK	46.00	12.64	Vertical

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	32.9129	-13.34	23.06	40.00	16.94
2	40.6807	-12.15	25.28	40.00	14.72
3	44.5646	-11.53	24.95	40.00	15.05
4	52.3323	-10.97	23.11	40.00	16.89
5	364.985	-6.45	33.79	46.00	12.21
6	369.8398	-6.26	32.00	46.00	14.00



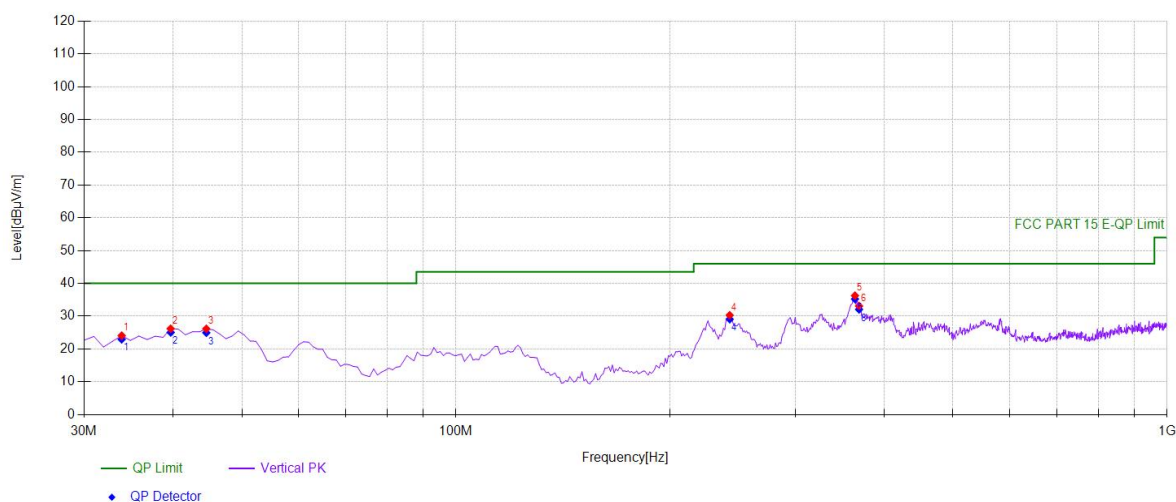
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	222.252	42.61	-11.00	31.61	PK	46.00	14.39	Horizontal
2	226.136	47.26	-10.87	36.39	PK	46.00	9.61	Horizontal
3	291.191	37.64	-8.70	28.94	PK	46.00	17.06	Horizontal
4	391.201	37.14	-5.62	31.52	PK	46.00	14.48	Horizontal
5	775.705	29.59	-1.08	28.51	PK	46.00	17.49	Horizontal
6	881.541	26.37	2.21	28.58	PK	46.00	17.42	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	222.2523	-11.00	30.45	46.00	15.55
2	226.1361	-10.87	35.14	46.00	10.86
3	291.1912	-8.70	27.87	46.00	18.13
4	391.2012	-5.62	30.45	46.00	15.55
5	775.7057	-1.08	27.44	46.00	18.56
6	881.5415	2.21	27.43	46.00	18.57

Mode:	11A 5260
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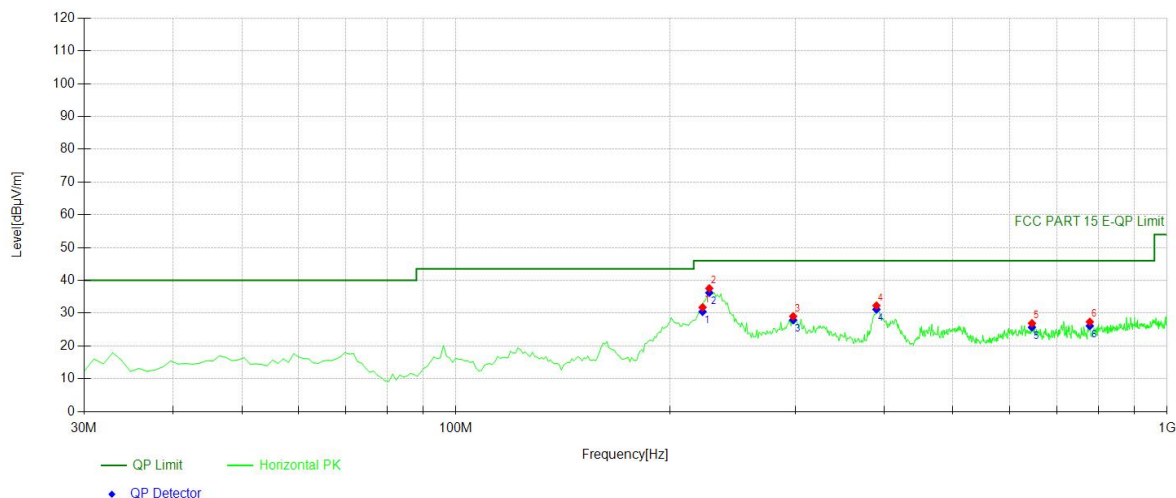


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	33.8839	37.24	-13.19	24.05	PK	40.00	15.95	Vertical
2	39.7097	38.47	-12.31	26.16	PK	40.00	13.84	Vertical
3	44.5646	37.67	-11.53	26.14	PK	40.00	13.86	Vertical
4	242.642	40.67	-10.39	30.28	PK	46.00	15.72	Vertical
5	364.014	42.72	-6.48	36.24	PK	46.00	9.76	Vertical
6	368.868	39.37	-6.30	33.07	PK	46.00	12.93	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	33.8839	-13.19	22.92	40.00	17.08
2	39.7097	-12.31	25.03	40.00	14.97
3	44.5646	-11.53	24.93	40.00	15.07
4	242.6426	-10.39	29.07	46.00	16.93
5	364.014	-6.48	35.21	46.00	10.79
6	368.8689	-6.30	32.04	46.00	13.96



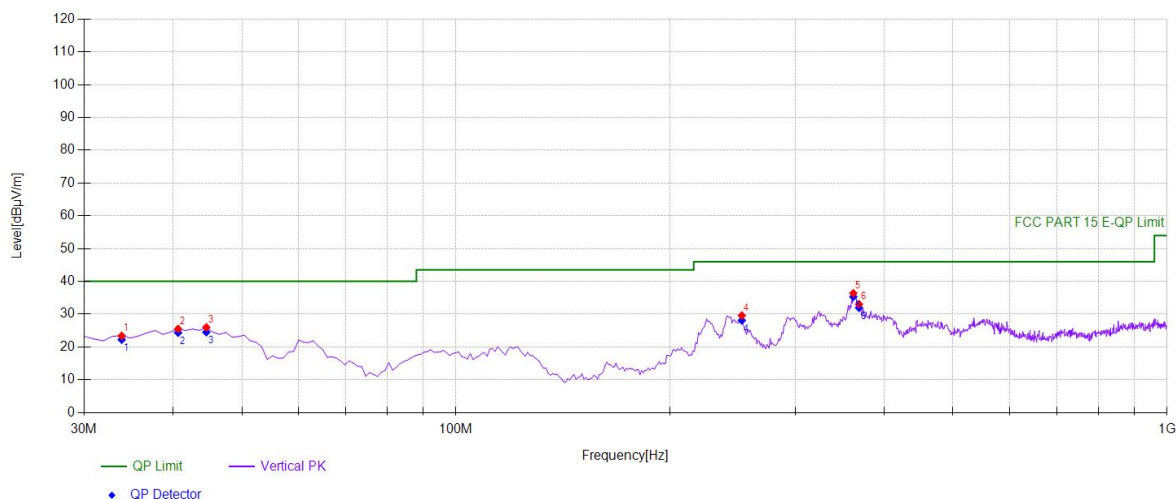
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	222.252	42.76	-11.00	31.76	PK	46.00	14.24	Horizontal
2	227.107	48.38	-10.84	37.54	PK	46.00	8.46	Horizontal
3	297.988	37.33	-8.31	29.02	PK	46.00	16.98	Horizontal
4	390.230	37.92	-5.63	32.29	PK	46.00	13.71	Horizontal
5	645.595	28.14	-1.25	26.89	PK	46.00	19.11	Horizontal
6	778.618	28.48	-1.15	27.33	PK	46.00	18.67	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	222.2523	-11.00	30.43	46.00	15.57
2	227.1071	-10.84	36.21	46.00	9.79
3	297.988	-8.31	27.87	46.00	18.13
4	390.2302	-5.63	31.14	46.00	14.86
5	645.5956	-1.25	25.66	46.00	20.34
6	778.6186	-1.15	26.10	46.00	19.90

Mode:	11A 5280
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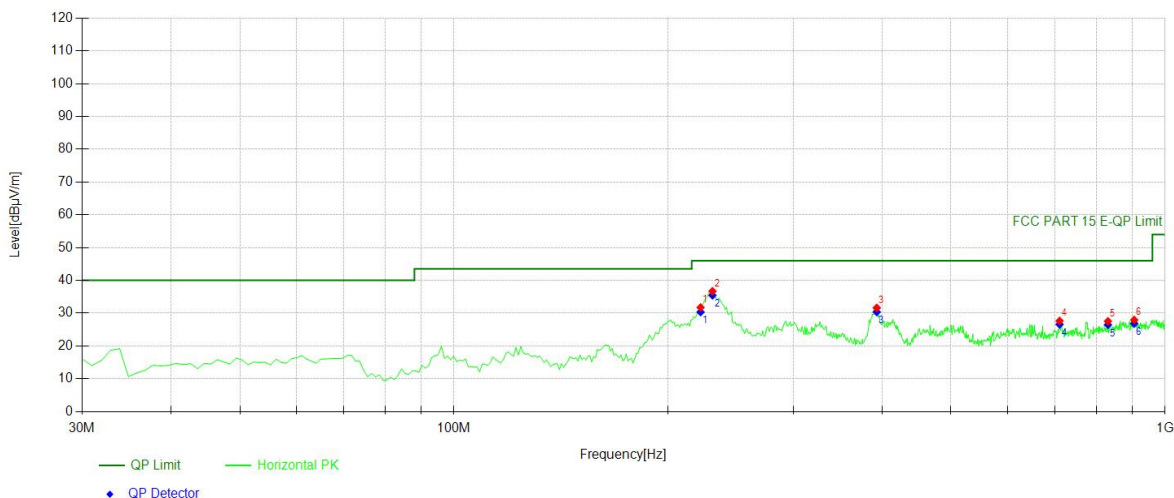


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	33.8839	36.56	-13.19	23.37	PK	40.00	16.63	Vertical
2	40.6807	37.65	-12.15	25.50	PK	40.00	14.50	Vertical
3	44.5646	37.51	-11.53	25.98	PK	40.00	14.02	Vertical
4	252.352	39.94	-10.36	29.58	PK	46.00	16.42	Vertical
5	362.072	42.93	-6.56	36.37	PK	46.00	9.63	Vertical
6	368.868	39.31	-6.30	33.01	PK	46.00	12.99	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	33.8839	-13.19	22.20	40.00	17.80
2	40.6807	-12.15	24.33	40.00	15.67
3	44.5646	-11.53	24.49	40.00	15.51
4	252.3524	-10.36	28.09	46.00	17.91
5	362.0721	-6.56	35.30	46.00	10.70
6	368.8689	-6.30	31.94	46.00	14.06



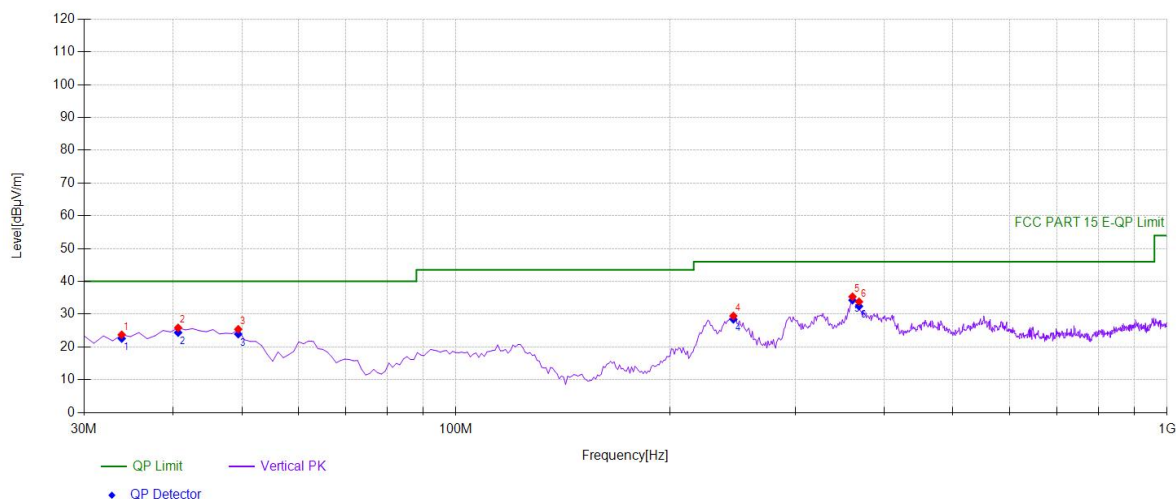
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	222.252	42.74	-11.00	31.74	PK	46.00	14.26	Horizontal
2	230.991	47.39	-10.71	36.68	PK	46.00	9.32	Horizontal
3	393.143	37.20	-5.60	31.60	PK	46.00	14.40	Horizontal
4	710.650	27.82	-0.19	27.63	PK	46.00	18.37	Horizontal
5	831.051	26.63	0.89	27.52	PK	46.00	18.48	Horizontal
6	904.844	25.27	2.67	27.94	PK	46.00	18.06	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	222.2523	-11.00	30.31	46.00	15.69
2	230.991	-10.71	35.43	46.00	10.57
3	393.1431	-5.60	30.35	46.00	15.65
4	710.6507	-0.19	26.56	46.00	19.44
5	831.0511	0.89	26.45	46.00	19.55
6	904.8448	2.67	26.79	46.00	19.21

Mode:	11A 5320
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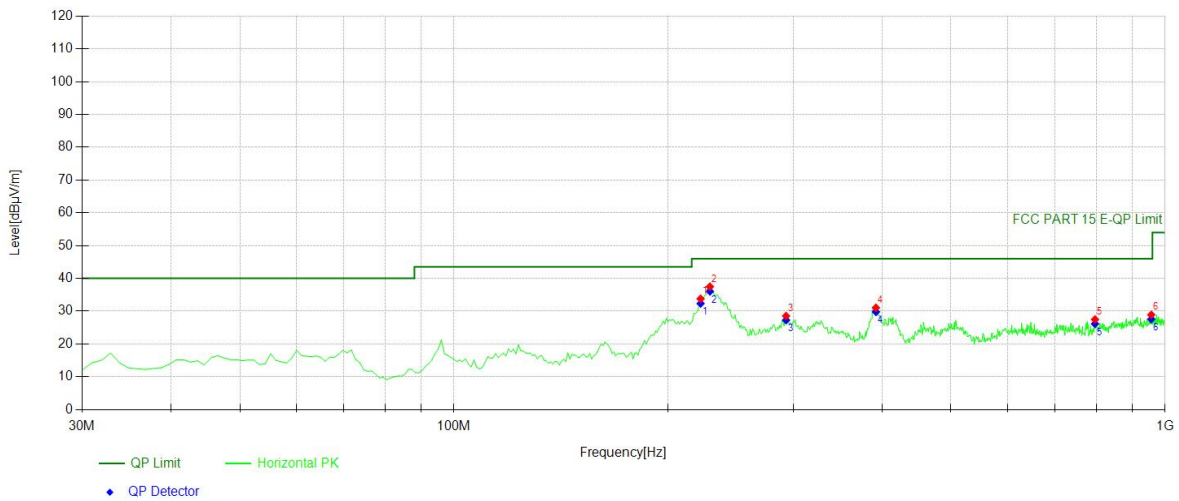


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	33.8839	36.90	-13.19	23.71	PK	40.00	16.29	Vertical
2	40.6807	37.98	-12.15	25.83	PK	40.00	14.17	Vertical
3	49.4194	36.12	-10.75	25.37	PK	40.00	14.63	Vertical
4	245.555	39.83	-10.38	29.45	PK	46.00	16.55	Vertical
5	361.101	41.90	-6.59	35.31	PK	46.00	10.69	Vertical
6	368.868	40.07	-6.30	33.77	PK	46.00	12.23	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	33.8839	-13.19	22.56	40.00	17.44
2	40.6807	-12.15	24.36	40.00	15.64
3	49.4194	-10.75	23.90	40.00	16.10
4	245.5556	-10.38	28.39	46.00	17.61
5	361.1011	-6.59	34.25	46.00	11.75
6	368.8689	-6.30	32.39	46.00	13.61



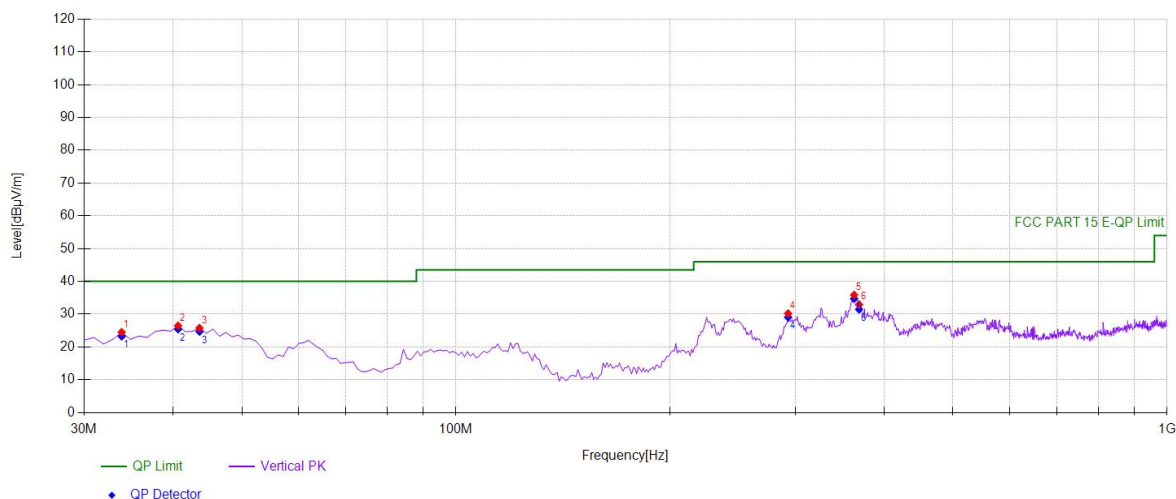
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	222.252	44.76	-11.00	33.76	PK	46.00	12.24	Horizontal
2	229.049	48.22	-10.77	37.45	PK	46.00	8.55	Horizontal
3	293.133	37.10	-8.59	28.51	PK	46.00	17.49	Horizontal
4	392.172	36.64	-5.61	31.03	PK	46.00	14.97	Horizontal
5	797.067	27.17	0.28	27.45	PK	46.00	18.55	Horizontal
6	956.306	25.72	3.16	28.88	PK	46.00	17.12	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	222.2523	-11.00	32.32	46.00	13.68
2	229.049	-10.77	36.01	46.00	9.99
3	293.1331	-8.59	27.25	46.00	18.75
4	392.1722	-5.61	29.77	46.00	16.23
5	797.0671	0.28	26.11	46.00	19.89
6	956.3063	3.16	27.54	46.00	18.46

Mode:	11A 5500
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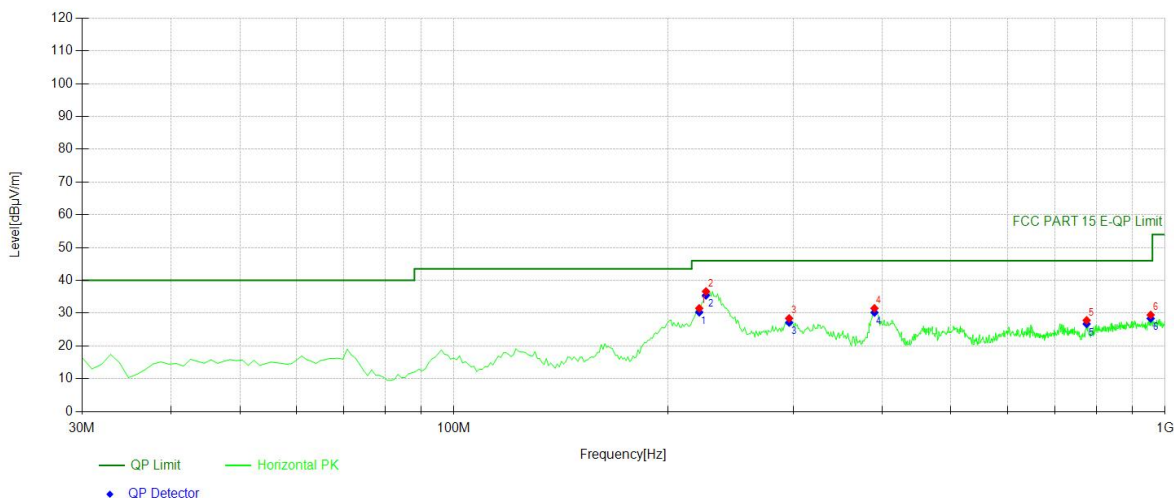


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	33.8839	37.67	-13.19	24.48	PK	40.00	15.52	Vertical
2	40.6807	38.63	-12.15	26.48	PK	40.00	13.52	Vertical
3	43.5936	37.43	-11.68	25.75	PK	40.00	14.25	Vertical
4	293.133	38.78	-8.59	30.19	PK	46.00	15.81	Vertical
5	363.043	42.37	-6.52	35.85	PK	46.00	10.15	Vertical
6	368.868	39.21	-6.30	32.91	PK	46.00	13.09	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	33.8839	-13.19	23.24	40.00	16.76
2	40.6807	-12.15	25.42	40.00	14.58
3	43.5936	-11.68	24.69	40.00	15.31
4	293.1331	-8.59	29.04	46.00	16.96
5	363.043	-6.52	34.70	46.00	11.30
6	368.8689	-6.30	31.44	46.00	14.56



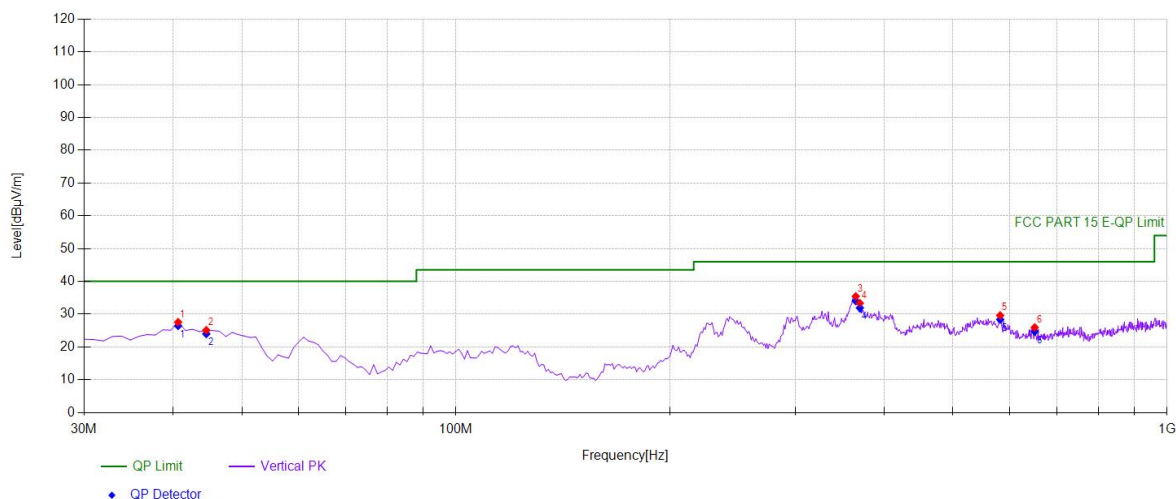
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	221.281	42.50	-11.04	31.46	PK	46.00	14.54	Horizontal
2	226.136	47.48	-10.87	36.61	PK	46.00	9.39	Horizontal
3	296.046	36.83	-8.43	28.40	PK	46.00	17.60	Horizontal
4	390.230	37.08	-5.63	31.45	PK	46.00	14.55	Horizontal
5	775.705	28.87	-1.08	27.79	PK	46.00	18.21	Horizontal
6	954.364	26.45	3.00	29.45	PK	46.00	16.55	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	221.2813	-11.04	30.27	46.00	15.73
2	226.1361	-10.87	35.42	46.00	10.58
3	296.046	-8.43	27.13	46.00	18.87
4	390.2302	-5.63	30.18	46.00	15.82
5	775.7057	-1.08	26.70	46.00	19.30
6	954.3644	3.00	28.36	46.00	17.64

Mode:	11A 5580
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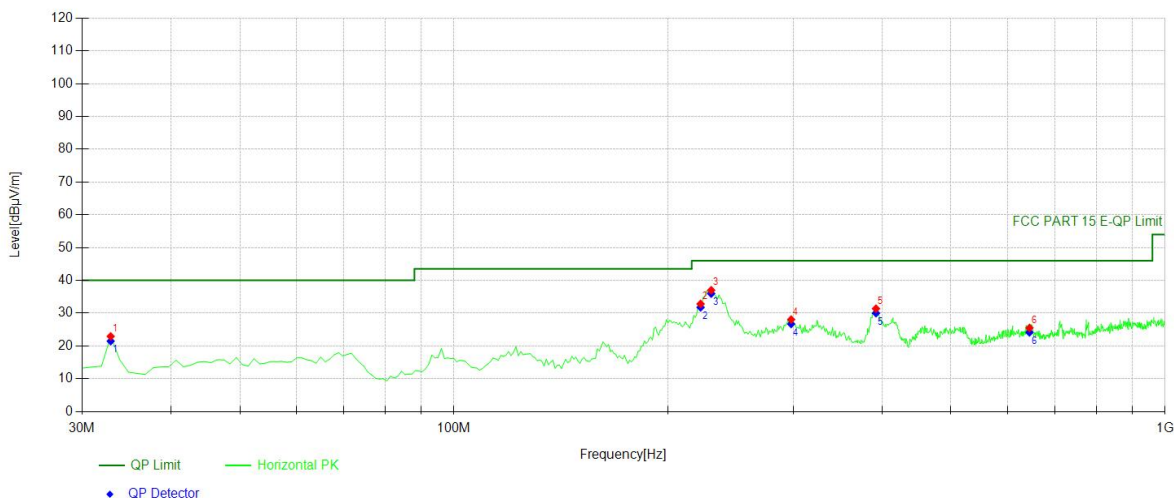


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	40.6807	39.69	-12.15	27.54	PK	40.00	12.46	Vertical
2	44.5646	36.62	-11.53	25.09	PK	40.00	14.91	Vertical
3	364.985	41.87	-6.45	35.42	PK	46.00	10.58	Vertical
4	369.839	39.60	-6.26	33.34	PK	46.00	12.66	Vertical
5	582.482	30.87	-1.26	29.61	PK	46.00	16.39	Vertical
6	651.421	27.15	-1.21	25.94	PK	46.00	14.66	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	40.6807	-12.15	26.42	40.00	13.58
2	44.5646	-11.53	23.97	40.00	16.03
3	364.985	-6.45	33.98	46.00	12.02
4	369.8398	-6.26	31.90	46.00	14.10
5	582.4825	-1.26	28.35	46.00	17.65
6	651.4214	-1.21	24.68	46.00	21.32



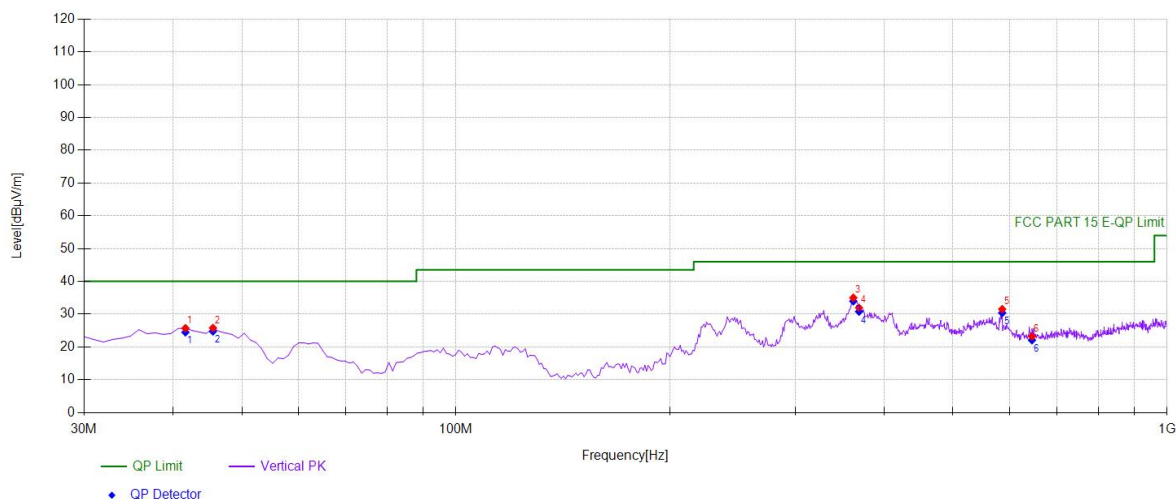
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	32.9129	36.25	-13.34	22.91	PK	40.00	17.09	Horizontal
2	222.252	43.80	-11.00	32.80	PK	46.00	13.20	Horizontal
3	230.02	47.73	-10.74	36.99	PK	46.00	9.01	Horizontal
4	297.988	36.35	-8.31	28.04	PK	46.00	17.96	Horizontal
5	392.172	36.97	-5.61	31.36	PK	46.00	14.64	Horizontal
6	644.624	26.73	-1.25	25.48	PK	46.00	14.21	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	32.9129	-13.34	21.45	40.00	18.55
2	222.2523	-11.00	31.76	46.00	14.24
3	230.02	-10.74	35.95	46.00	10.05
4	297.988	-8.31	26.68	46.00	19.32
5	392.1722	-5.61	30.00	46.00	16.00
6	644.6246	-1.25	24.12	46.00	21.88

Mode:	11A 5700
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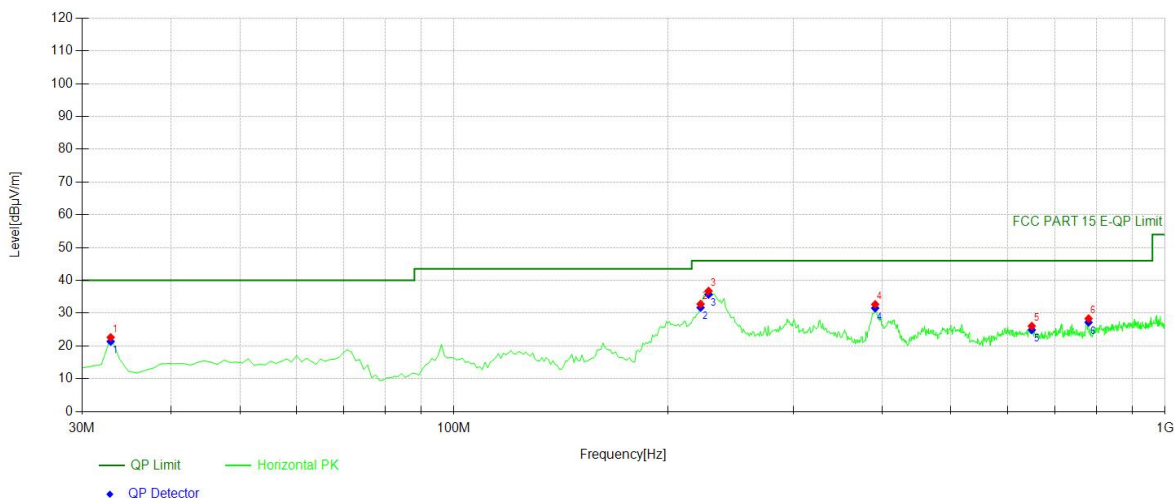


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	41.6517	37.69	-11.99	25.70	PK	40.00	14.30	Vertical
2	45.5355	37.16	-11.38	25.78	PK	40.00	14.22	Vertical
3	362.072	41.55	-6.56	34.99	PK	46.00	11.01	Vertical
4	368.868	38.21	-6.30	31.91	PK	46.00	14.09	Vertical
5	586.366	32.51	-1.00	31.51	PK	46.00	14.49	Vertical
6	645.595	24.45	-1.25	23.20	PK	46.00	15.07	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	41.6517	-11.99	24.47	40.00	15.53
2	45.5355	-11.38	24.73	40.00	15.27
3	362.0721	-6.56	33.94	46.00	12.06
4	368.8689	-6.30	30.77	46.00	15.23
5	586.3664	-1.00	30.37	46.00	15.63
6	645.5956	-1.25	22.06	46.00	23.94



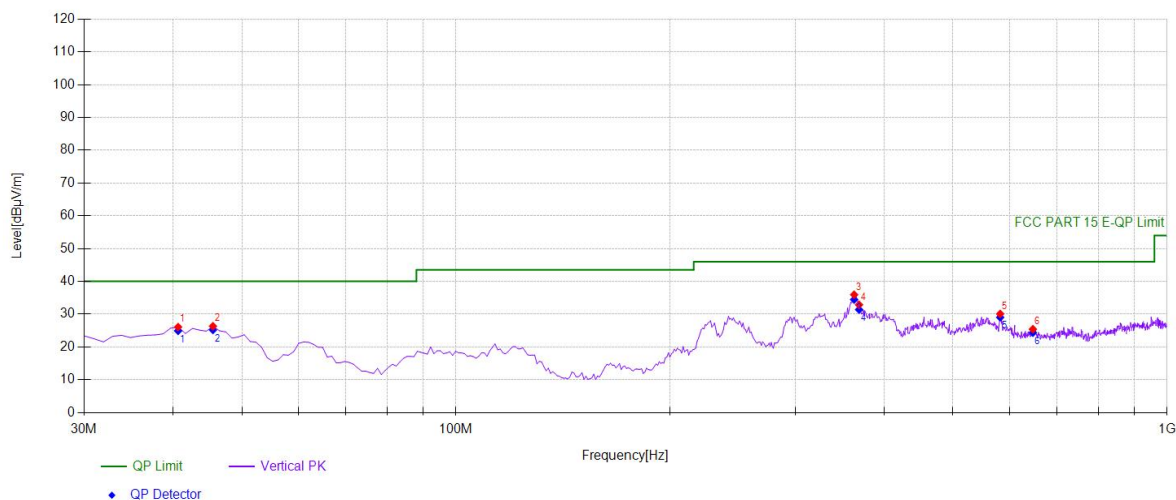
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	32.9129	35.94	-13.34	22.60	PK	40.00	17.40	Horizontal
2	222.252	43.77	-11.00	32.77	PK	46.00	13.23	Horizontal
3	228.078	47.58	-10.81	36.77	PK	46.00	9.23	Horizontal
4	391.201	38.31	-5.62	32.69	PK	46.00	13.31	Horizontal
5	649.479	27.28	-1.23	26.05	PK	46.00	12.69	Horizontal
6	780.560	29.47	-1.13	28.34	PK	46.00	17.66	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	32.9129	-13.34	21.33	40.00	18.67
2	222.2523	-11.00	31.68	46.00	14.32
3	228.0781	-10.81	35.68	46.00	10.32
4	391.2012	-5.62	31.52	46.00	14.48
5	649.4795	-1.23	24.88	46.00	21.12
6	780.5606	-1.13	27.17	46.00	18.83

Mode:	11A 5745
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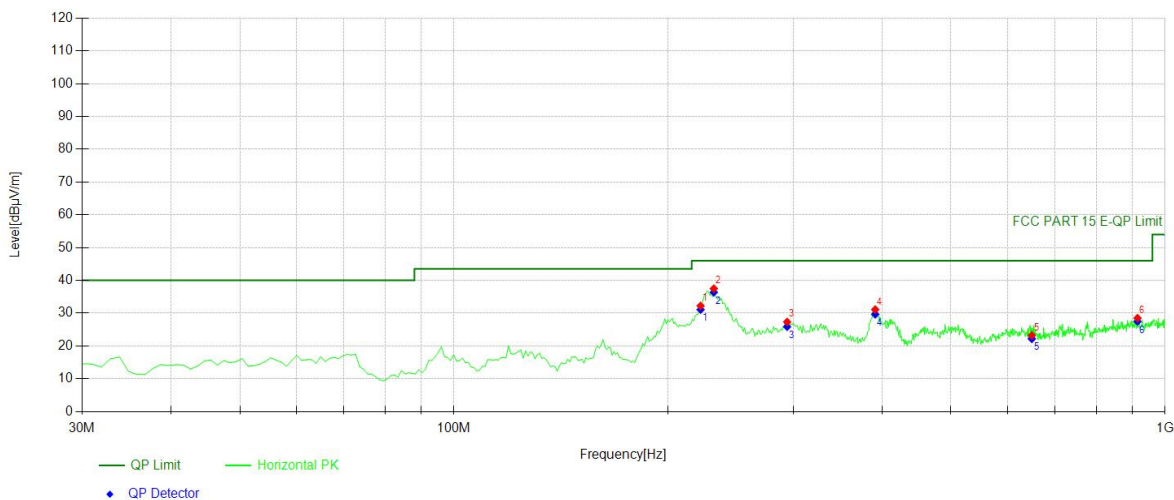


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	40.6807	38.21	-12.15	26.06	PK	40.00	13.94	Vertical
2	45.5355	37.70	-11.38	26.32	PK	40.00	13.68	Vertical
3	363.043	42.44	-6.52	35.92	PK	46.00	10.08	Vertical
4	368.868	39.15	-6.30	32.85	PK	46.00	13.15	Vertical
5	582.482	31.33	-1.26	30.07	PK	46.00	15.93	Vertical
6	647.537	26.64	-1.24	25.40	PK	46.00	14.38	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	40.6807	-12.15	24.91	40.00	15.09
2	45.5355	-11.38	25.17	40.00	14.83
3	363.043	-6.52	34.45	46.00	11.55
4	368.8689	-6.30	31.38	46.00	14.62
5	582.4825	-1.26	29.01	46.00	16.99
6	647.5375	-1.24	24.34	46.00	21.66



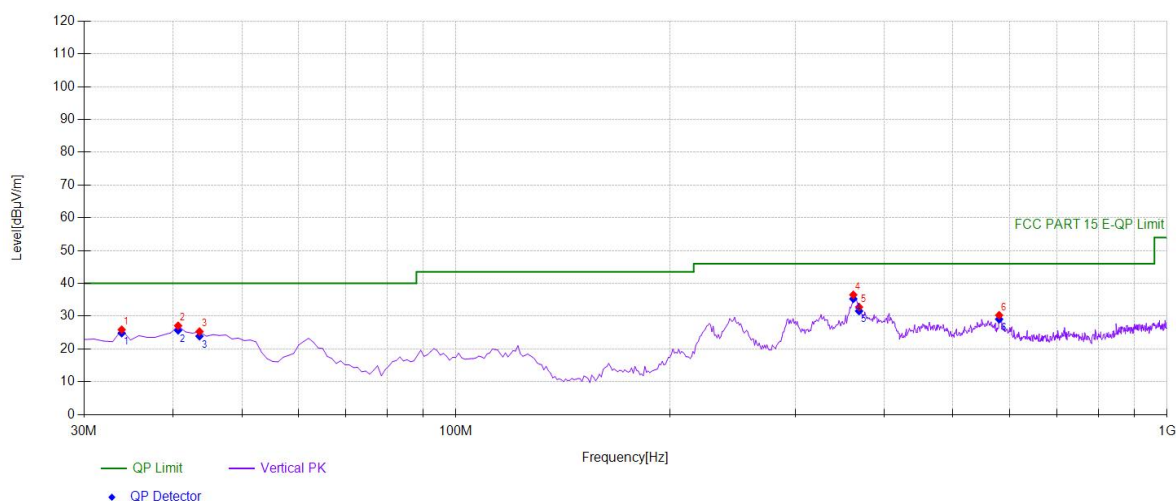
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	222.252	43.22	-11.00	32.22	PK	46.00	13.78	Horizontal
2	231.962	48.15	-10.67	37.48	PK	46.00	8.52	Horizontal
3	294.104	35.85	-8.54	27.31	PK	46.00	18.69	Horizontal
4	391.201	36.72	-5.62	31.10	PK	46.00	14.90	Horizontal
5	649.479	24.44	-1.23	23.21	PK	46.00	14.54	Horizontal
6	914.554	25.69	2.79	28.48	PK	46.00	17.52	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	222.2523	-11.00	31.08	46.00	14.92
2	231.962	-10.67	36.34	46.00	9.66
3	294.1041	-8.54	25.85	46.00	20.15
4	391.2012	-5.62	29.64	46.00	16.36
5	649.4795	-1.23	22.17	46.00	23.83
6	914.5546	2.79	27.44	46.00	18.56

Mode:	11A 5785
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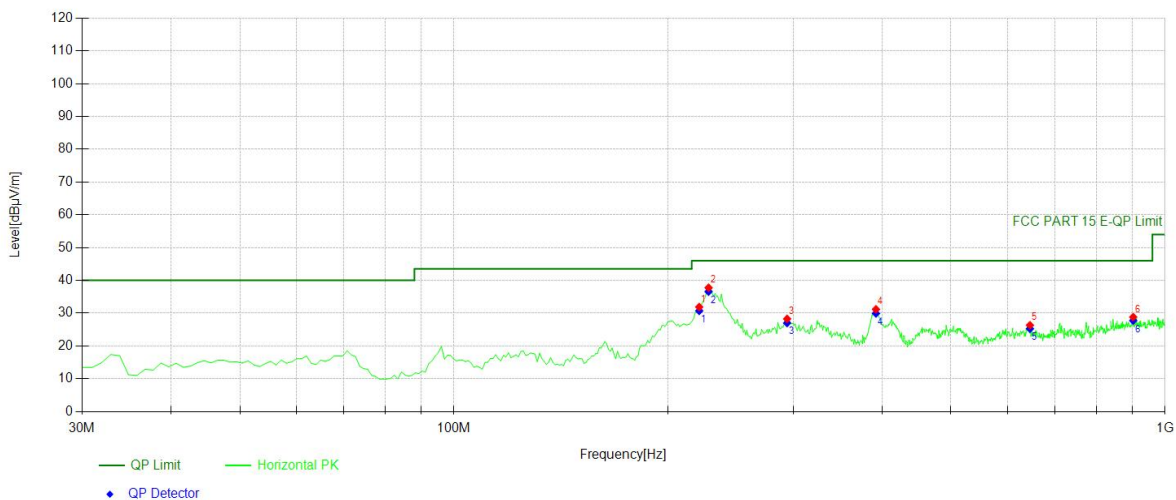


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	33.8839	39.06	-13.19	25.87	PK	40.00	14.13	Vertical
2	40.6807	39.21	-12.15	27.06	PK	40.00	12.94	Vertical
3	43.5936	36.96	-11.68	25.28	PK	40.00	14.72	Vertical
4	362.072	43.05	-6.56	36.49	PK	46.00	9.51	Vertical
5	368.868	39.07	-6.30	32.77	PK	46.00	13.23	Vertical
6	580.540	31.65	-1.37	30.28	PK	46.00	15.72	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	33.8839	-13.19	24.80	40.00	15.20
2	40.6807	-12.15	25.66	40.00	14.34
3	43.5936	-11.68	23.88	40.00	16.12
4	362.0721	-6.56	35.27	46.00	10.73
5	368.8689	-6.30	31.55	46.00	14.45
6	580.5405	-1.37	29.06	46.00	16.94



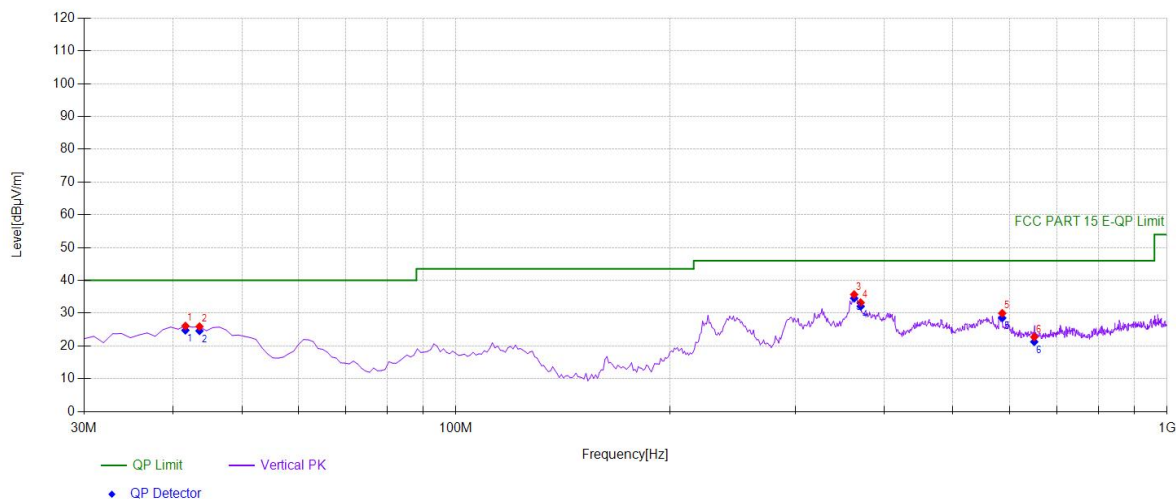
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	221.281	42.91	-11.04	31.87	PK	46.00	14.13	Horizontal
2	228.078	48.55	-10.81	37.74	PK	46.00	8.26	Horizontal
3	294.104	36.78	-8.54	28.24	PK	46.00	17.76	Horizontal
4	392.172	36.77	-5.61	31.16	PK	46.00	14.84	Horizontal
5	645.595	27.56	-1.25	26.31	PK	46.00	14.65	Horizontal
6	901.931	26.21	2.59	28.80	PK	46.00	17.20	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	221.2813	-11.04	30.69	46.00	15.31
2	228.0781	-10.81	36.56	46.00	9.44
3	294.1041	-8.54	26.98	46.00	19.02
4	392.1722	-5.61	29.90	46.00	16.10
5	645.5956	-1.25	25.23	46.00	20.77
6	901.9319	2.59	27.72	46.00	18.28

Mode:	11A 5825
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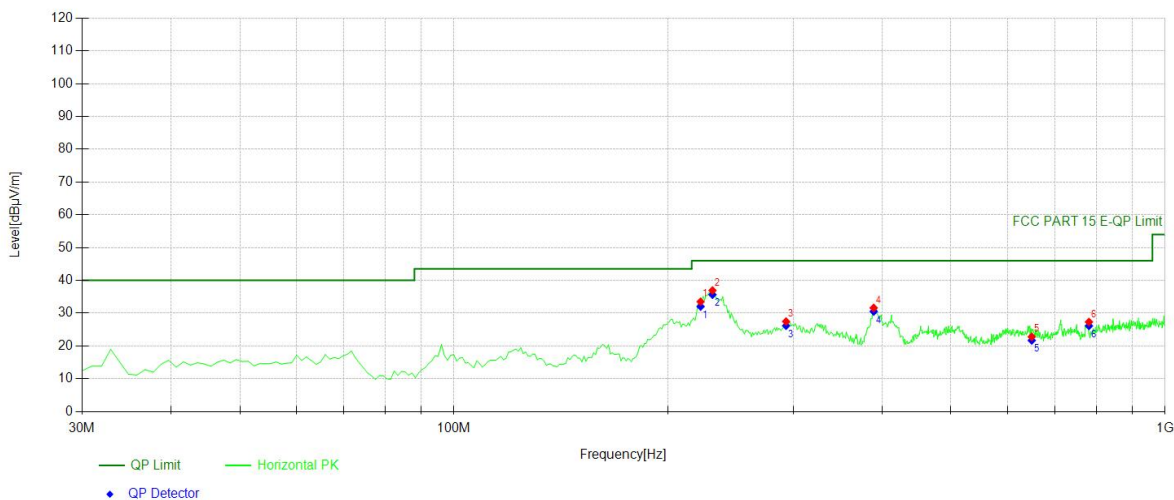


Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	41.6517	38.07	-11.99	26.08	PK	40.00	13.92	Vertical
2	43.5936	37.58	-11.68	25.90	PK	40.00	14.10	Vertical
3	363.043	42.19	-6.52	35.67	PK	46.00	10.33	Vertical
4	370.810	39.43	-6.23	33.20	PK	46.00	12.80	Vertical
5	586.366	30.97	-1.00	29.97	PK	46.00	16.03	Vertical
6	650.450	23.93	-1.22	22.71	PK	46.00	15.57	Vertical

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	41.6517	-11.99	24.76	40.00	15.24
2	43.5936	-11.68	24.58	40.00	15.42
3	363.043	-6.52	34.53	46.00	11.47
4	370.8108	-6.23	32.06	46.00	13.94
5	586.3664	-1.00	28.51	46.00	17.49
6	650.4504	-1.22	21.25	46.00	24.75



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	222.252	44.48	-11.00	33.48	PK	46.00	12.52	Horizontal
2	230.991	47.63	-10.71	36.92	PK	46.00	9.08	Horizontal
3	293.133	36.03	-8.59	27.44	PK	46.00	18.56	Horizontal
4	389.259	37.25	-5.65	31.60	PK	46.00	14.40	Horizontal
5	649.479	24.01	-1.23	22.78	PK	46.00	14.43	Horizontal
6	781.531	28.35	-1.05	27.30	PK	46.00	18.70	Horizontal

Final Data List

NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	222.2523	-11.00	32.01	46.00	13.99
2	230.991	-10.71	35.63	46.00	10.37
3	293.1331	-8.59	26.15	46.00	19.85
4	389.2593	-5.65	30.49	46.00	15.51
5	649.4795	-1.23	21.67	46.00	24.33
6	781.5315	-1.05	26.10	46.00	19.90

8.5 POWER LINE CONDUCTED EMISSIONS

8.5.1 Applicable Standard

According to FCC Part 15.207(a)

According to IC RSS-Gen 8.8

8.5.2 Conformance Limit

Frequency(MHz)	Conducted Emission Limit	
	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies

2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

8.5.3 Test Configuration

Test according to clause 6.3 conducted emission test setup

8.5.4 Test Procedure

The EUT was placed on a table which is 0.8m above ground plane.

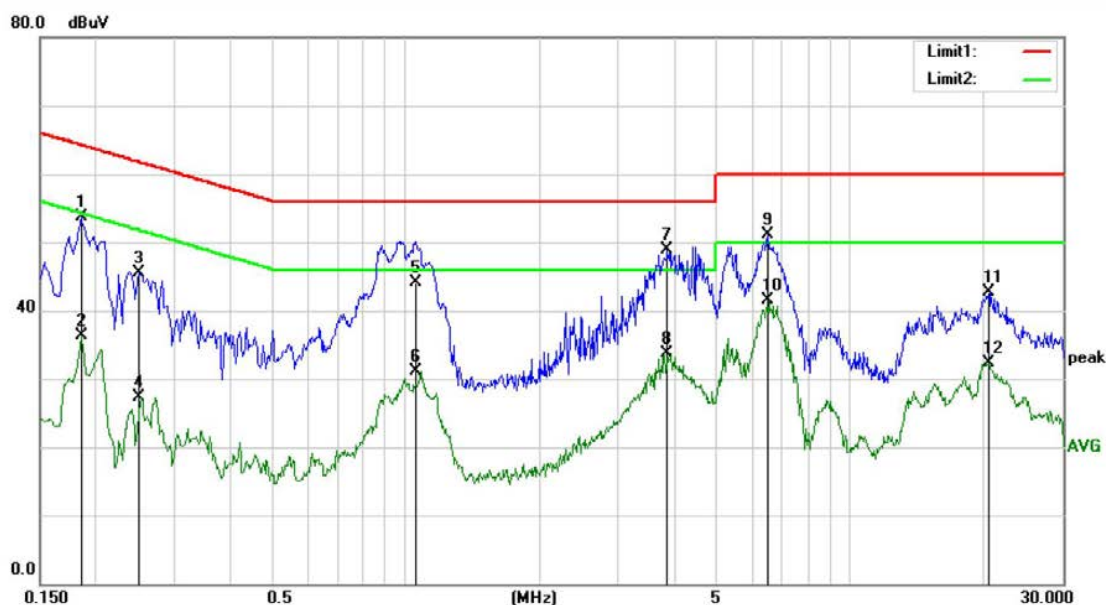
Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Repeat above procedures until all frequency measured were complete.

8.5.5 Test Results

Pass

The AC120V &240V voltage have been tested, and the worst result recorded was report as below:



Site Conduction #1

Phase: **N**

Temperature: 23.2

Limit: (CE)FCC PART 15 class B_QP

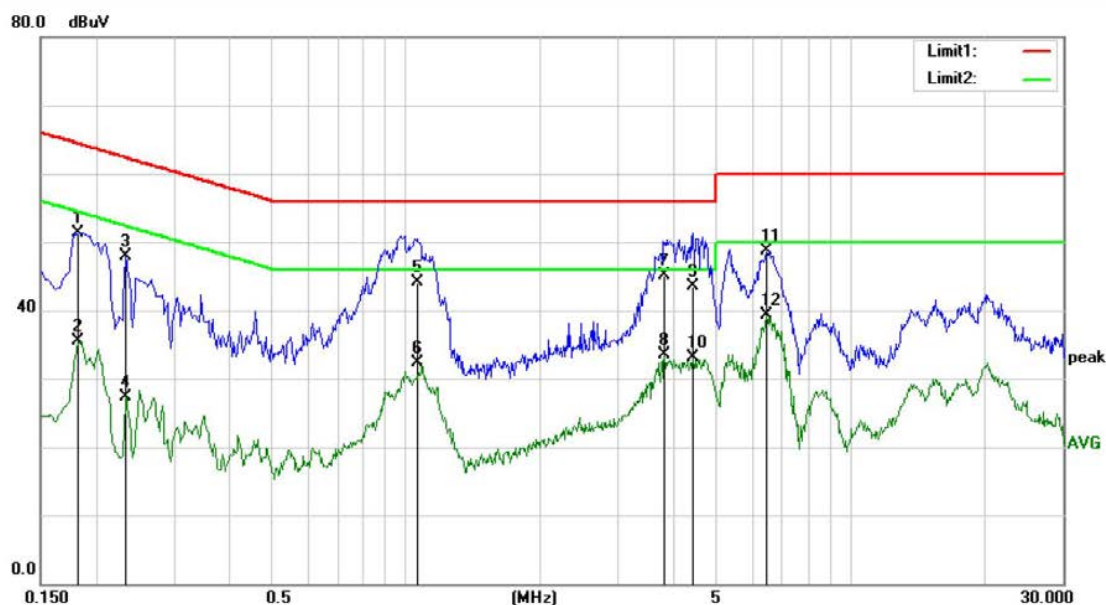
Power: AC 120V/60Hz

Humidity: 64 %

Mode: WiFi mode

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1860	43.92	9.71	53.63	64.21	-10.58	QP	
2		0.1860	26.68	9.71	36.39	54.21	-17.82	AVG	
3		0.2500	35.71	9.80	45.51	61.76	-16.25	QP	
4		0.2500	17.59	9.80	27.39	51.76	-24.37	AVG	
5		1.0500	34.31	9.89	44.20	56.00	-11.80	QP	
6		1.0500	21.12	9.89	31.01	46.00	-14.99	AVG	
7	*	3.8620	38.84	9.98	48.82	56.00	-7.18	QP	
8		3.8620	23.79	9.98	33.77	46.00	-12.23	AVG	
9		6.4900	40.89	10.20	51.09	60.00	-8.91	QP	
10		6.4900	31.23	10.20	41.43	50.00	-8.57	AVG	
11		20.4020	31.87	10.84	42.71	60.00	-17.29	QP	
12		20.4020	21.51	10.84	32.35	50.00	-17.65	AVG	



Site Conduction #1

Phase: **L1**

Temperature: 23.2

Limit: (CE)FCC PART 15 class B_QP

Power: AC 120V/60Hz

Humidity: 64 %

Mode: WiFi mode

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1820	41.69	9.68	51.37	64.39	-13.02	QP	
2		0.1820	25.73	9.68	35.41	54.39	-18.98	AVG	
3		0.2340	38.18	9.80	47.98	62.31	-14.33	QP	
4		0.2340	17.58	9.80	27.38	52.31	-24.93	AVG	
5		1.0620	34.31	9.89	44.20	56.00	-11.80	QP	
6		1.0620	22.35	9.89	32.24	46.00	-13.76	AVG	
7		3.8140	35.22	9.98	45.20	56.00	-10.80	QP	
8		3.8140	23.56	9.98	33.54	46.00	-12.46	AVG	
9		4.4140	33.58	10.02	43.60	56.00	-12.40	QP	
10		4.4140	23.04	10.02	33.06	46.00	-12.94	AVG	
11		6.4700	38.58	10.20	48.78	60.00	-11.22	QP	
12	*	6.4700	29.17	10.20	39.37	50.00	-10.63	AVG	

8.6 ANTENNA APPLICATION

8.6.1 Antenna Requirement

Standard	Requirement
FCC CRF Part15.203	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
FCC 47 CFR Part15.407(a)	If transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
RSS-Gen Section 6.8	The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

8.6.2 Result

PASS.

- Note:
- ☒ Antenna use a permanently attached antenna which is not replaceable.
 - ☐ Not using a standard antenna jack or electrical connector for antenna replacement
 - ☐ The antenna has to be professionally installed (please provide method of installation)

Please refer to the attached documentInternal Photos to show the antenna connector.

----- END OF REPORT -----

9 APPENDIX PHOTOGRAPHS OF EUT

Please refer to the file of External Photo and Internal Photo.



10 APPENDIX PHOTOGRAPHS OF TEST SETUP

Please refer to the file of Test Setup Photo.



声 明 Statement

1. 本报告无授权批准人签字及“检验检测专用章”无效；

This report is invalid without the signature of the authorized approver and the "special seal for testing".

2. 未经许可本报告不得部分复制；

This report shall not be copied partly without authorization.

3. 本报告的检测结果仅对送测样品有效，委托方对样品的代表性和资料的真实性负责；

The test results or observations are applicable only to tested sample. Client shall be responsible for representativeness of the samples and the authenticity of the material.

4. 本检测报告中检测项目标注有特殊符号则该项目不在资质认定范围内，仅作为客户委托、科研、教学或内部质量控制等目的使用；

The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.

5. 本检测报告以实测值进行符合性判定，未考虑不确定度所带来的风险，本实验室不承担相关责任，特别约定、标准或规范中有明确规定的除外；

The test results or observations are provided in accordance with measured value, without taking risks caused by uncertainty into account. Without explicit stipulation in special agreements, standards or regulations, EMTEK shall not assume any responsibility.

6. 对本检验报告若有异议，请于收到报告之日起 20 日内提出。

Objections shall be raised within 20 days from the date receiving the report.