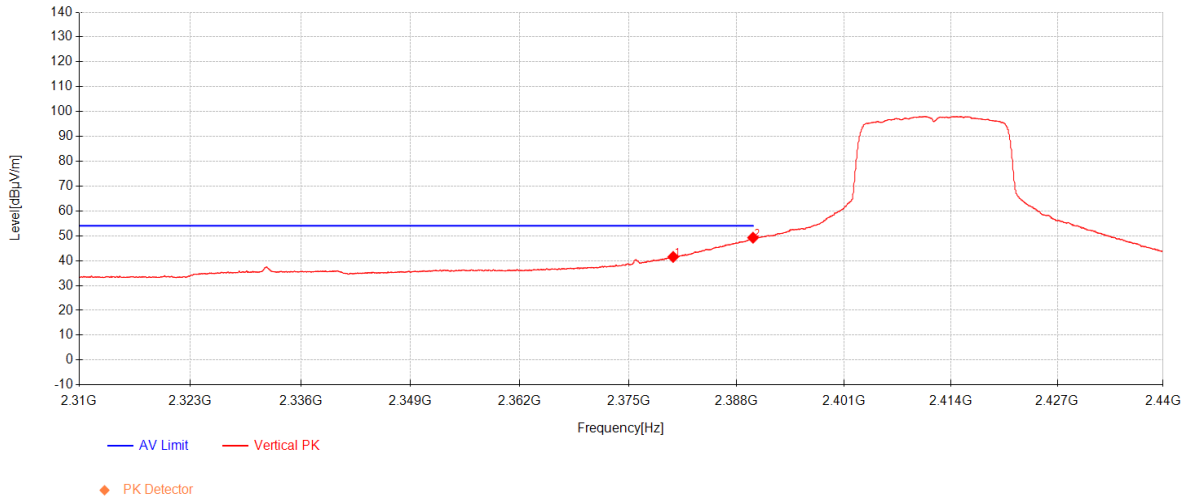


802.11n20 MIMO\_Channel 01



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2380.3625	38.81	27.14	-24.44	41.50	54.00	12.50	349	264	Vertical
2	2389.9825	46.49	27.16	-24.42	49.23	54.00	4.77	349	264	Vertical



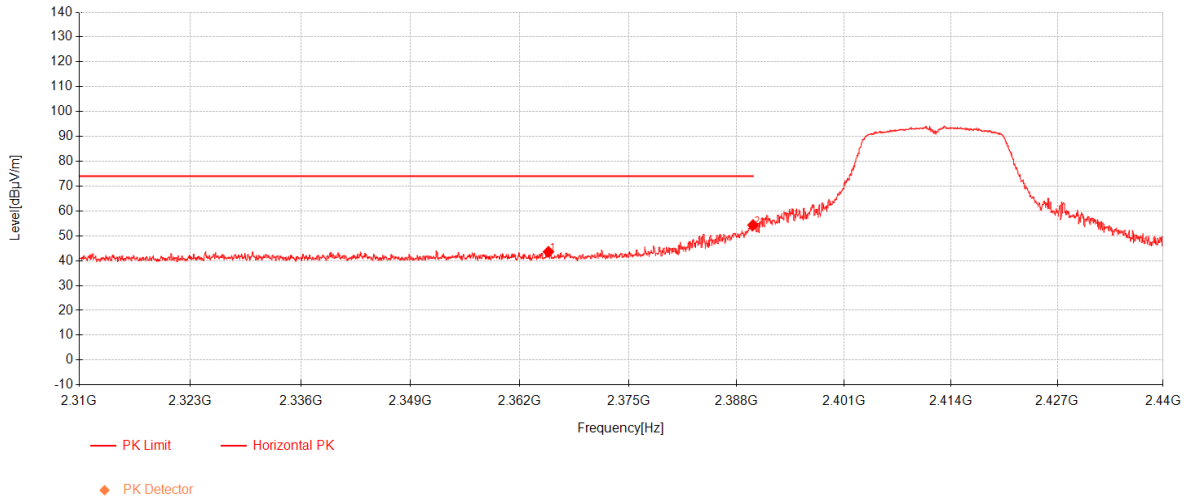
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2365.4125	40.93	27.10	-24.48	43.56	74.00	30.44	364	118	Horizontal
2	2389.9825	51.57	27.16	-24.42	54.31	74.00	19.69	364	118	Horizontal



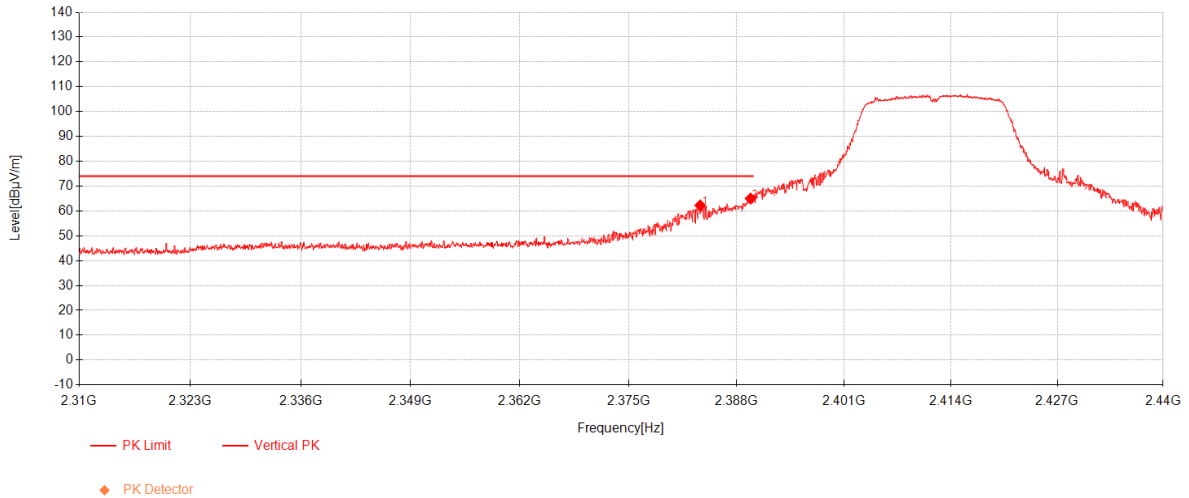
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802.11n20 MIMO\_Channel 01



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2383.6125	59.57	27.14	-24.44	62.28	74.00	11.72	349	264	Vertical
2	2389.69	62.27	27.16	-24.42	65.00	74.00	9.00	349	264	Vertical



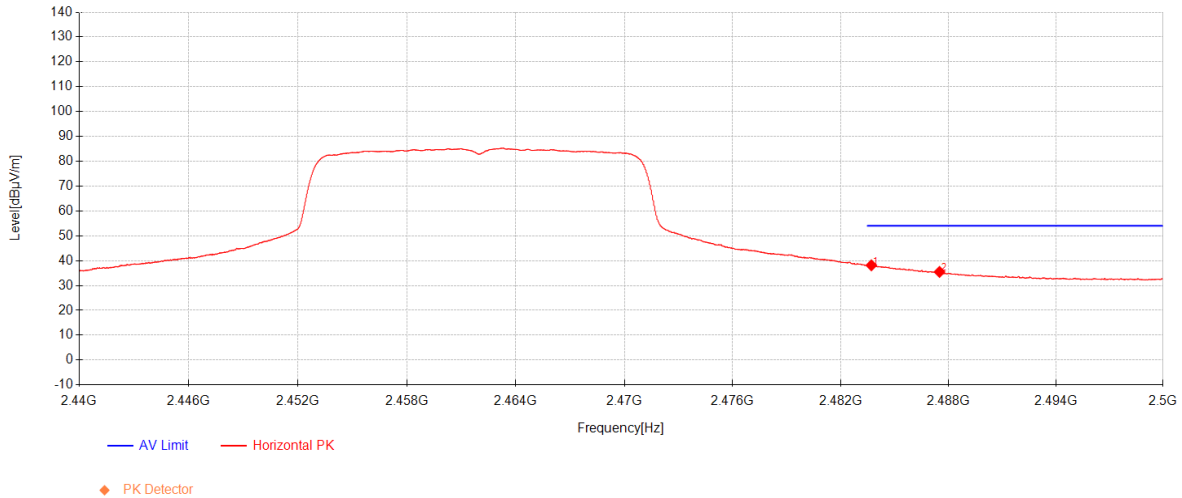
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.71	34.72	27.36	-23.96	38.13	54.00	15.87	348	114	Horizontal
2	2487.505	32.03	27.37	-23.94	35.47	54.00	18.53	348	114	Horizontal



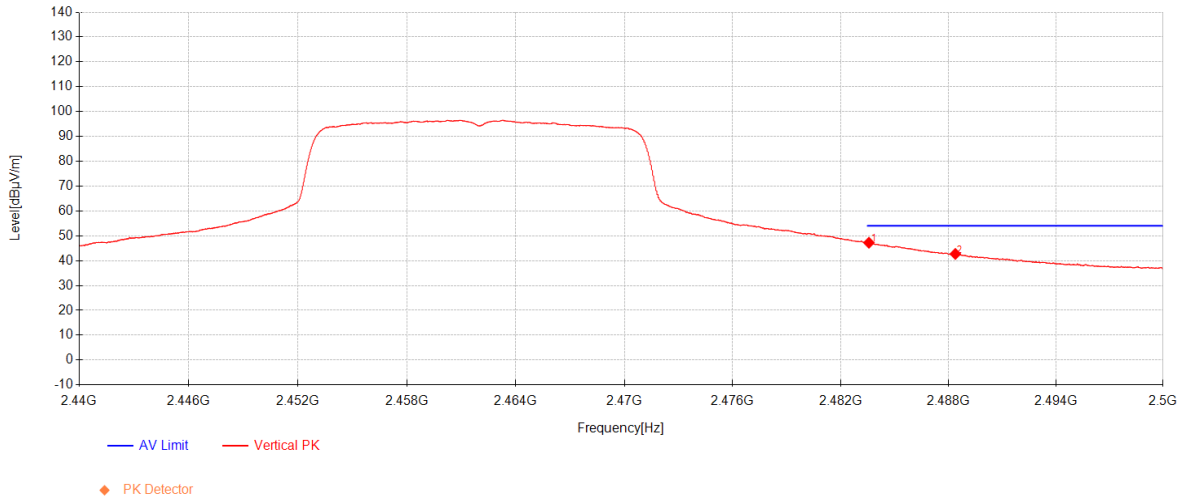
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.575	43.80	27.36	-23.96	47.21	54.00	6.79	318	242	Vertical
2	2488.39	39.26	27.37	-23.93	42.70	54.00	11.30	318	242	Vertical



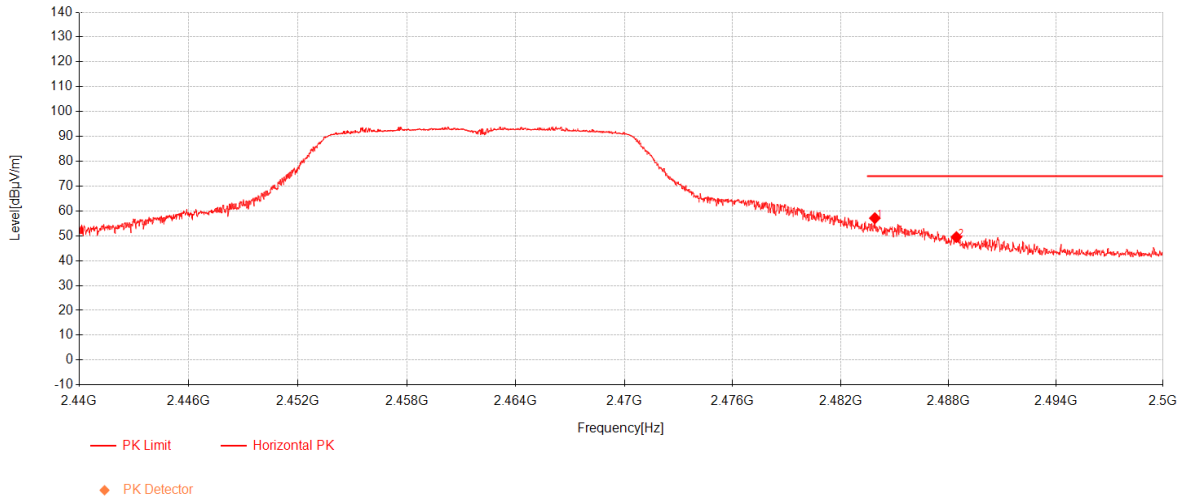
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.905	53.69	27.36	-23.96	57.10	74.00	16.90	348	114	Horizontal
2	2488.45	46.05	27.37	-23.93	49.49	74.00	24.51	348	114	Horizontal



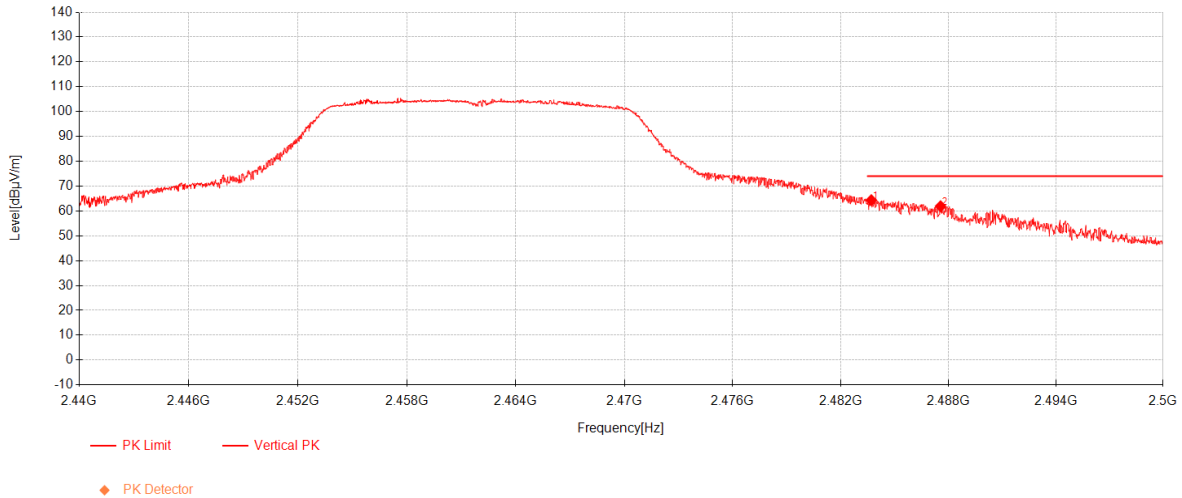
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.71	60.94	27.36	-23.96	64.35	74.00	9.65	318	242	Vertical
2	2487.565	58.47	27.37	-23.94	61.91	74.00	12.09	318	242	Vertical



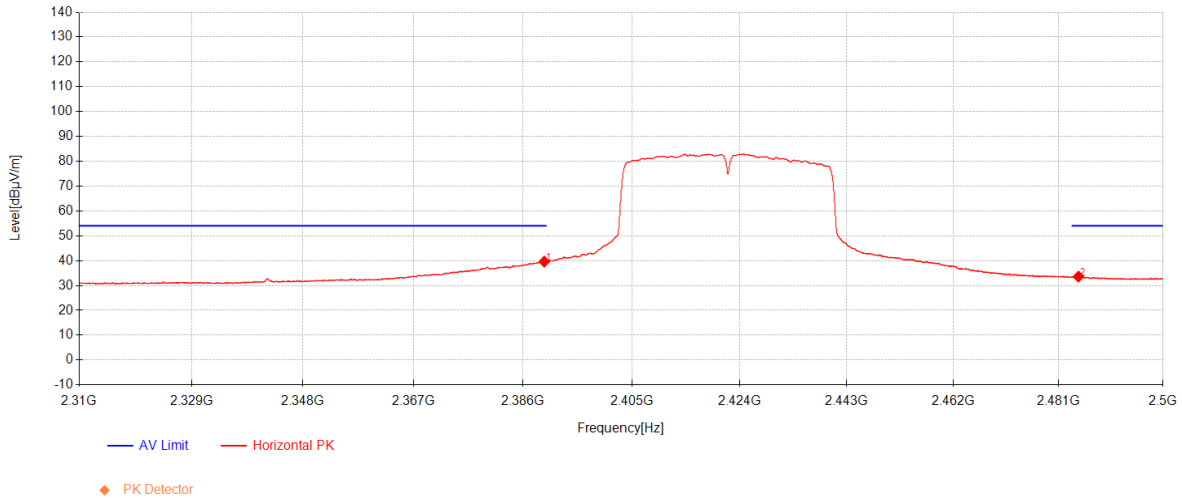
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802.11n40 MIMO\_Channel 03



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.69	36.88	27.16	-24.42	39.61	54.00	14.39	369	112	Horizontal
2	2484.625	30.18	27.37	-23.95	33.59	54.00	20.41	369	112	Horizontal



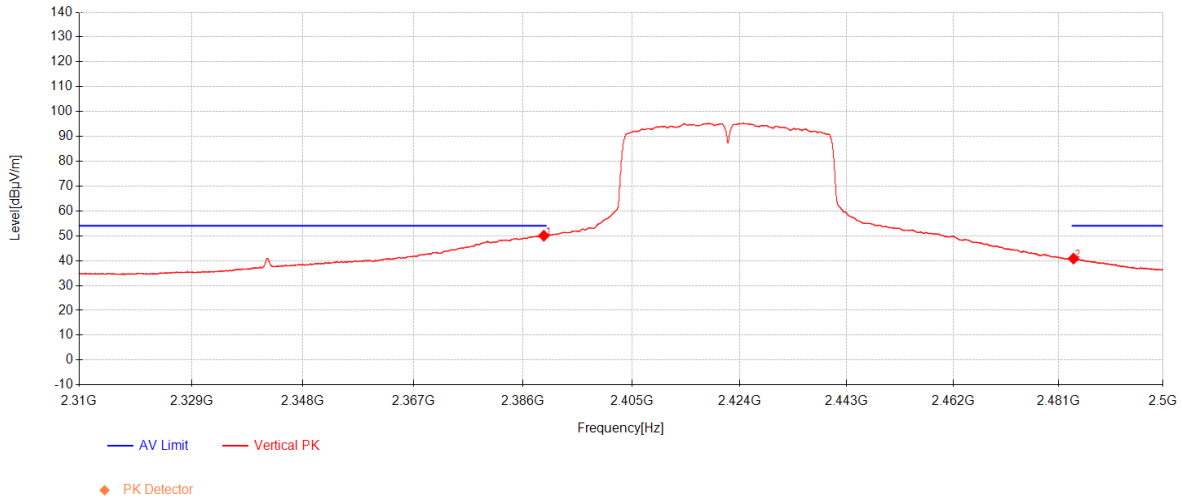
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.625	47.31	27.16	-24.42	50.04	54.00	3.96	377	241	Vertical
2	2483.725	37.41	27.36	-23.96	40.82	54.00	13.18	377	241	Vertical



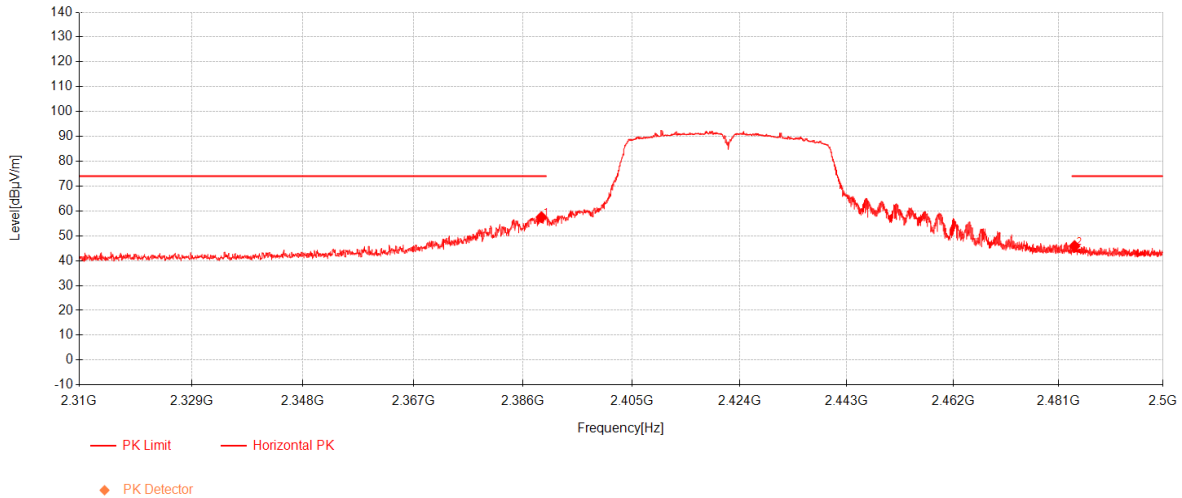
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.2025	54.80	27.16	-24.42	57.53	74.00	16.47	369	112	Horizontal
2	2483.92	42.47	27.36	-23.96	45.88	74.00	28.12	369	112	Horizontal



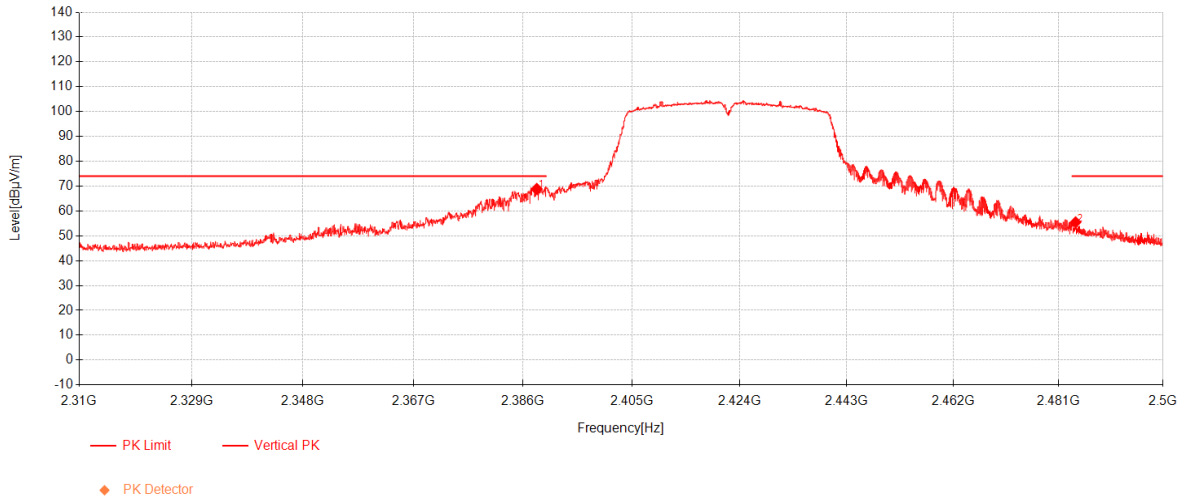
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.39	66.20	27.15	-24.43	68.93	74.00	5.07	344	271	Vertical
2	2484.115	52.06	27.37	-23.95	55.47	74.00	18.53	344	271	Vertical



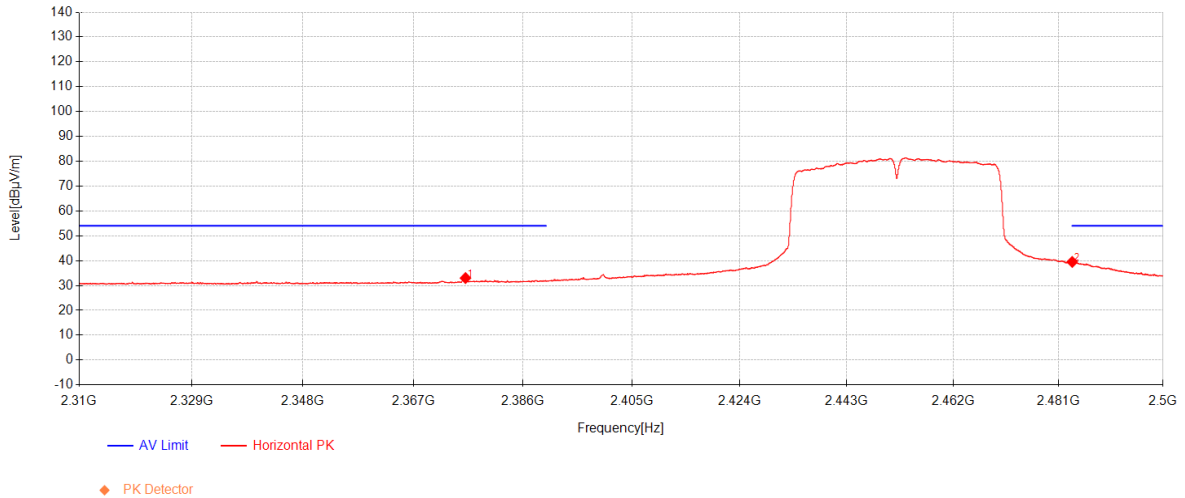
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802.11n40 MIMO\_Channel 09



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2376.0075	30.33	27.13	-24.45	33.00	54.00	21.00	347	115	Horizontal
2	2483.5	36.08	27.36	-23.96	39.49	54.00	14.51	347	115	Horizontal



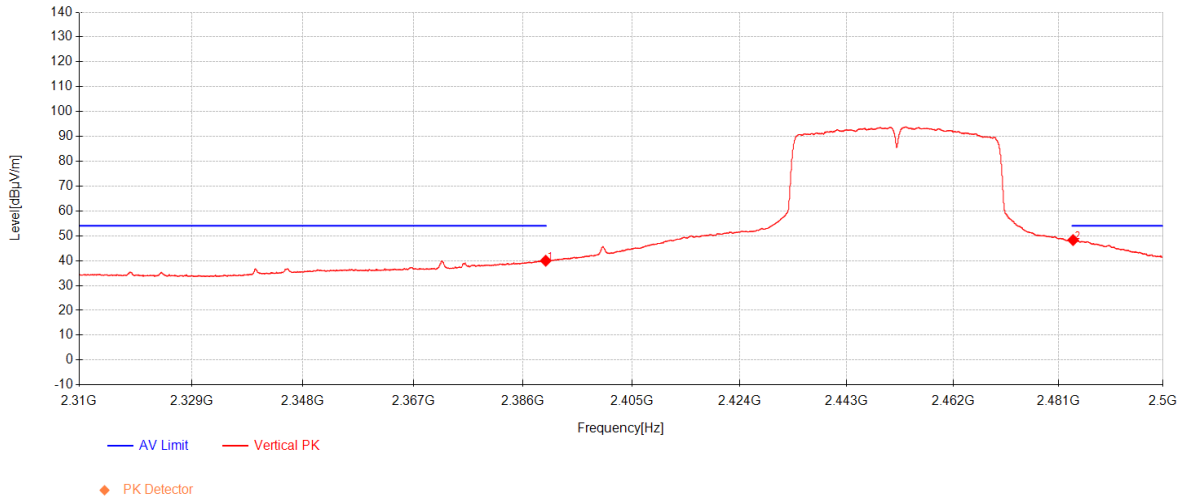
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.95	37.23	27.16	-24.42	39.97	54.00	14.03	325	234	Vertical
2	2483.65	44.88	27.36	-23.96	48.29	54.00	5.71	325	234	Vertical



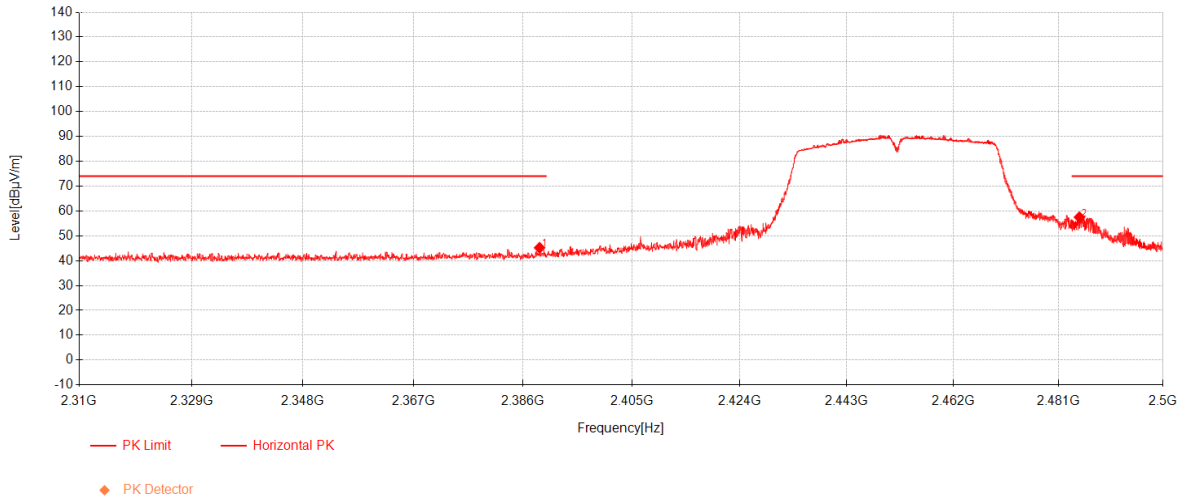
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.8775	42.46	27.16	-24.42	45.19	74.00	28.81	347	115	Horizontal
2	2484.805	54.05	27.37	-23.95	57.47	74.00	16.53	347	115	Horizontal



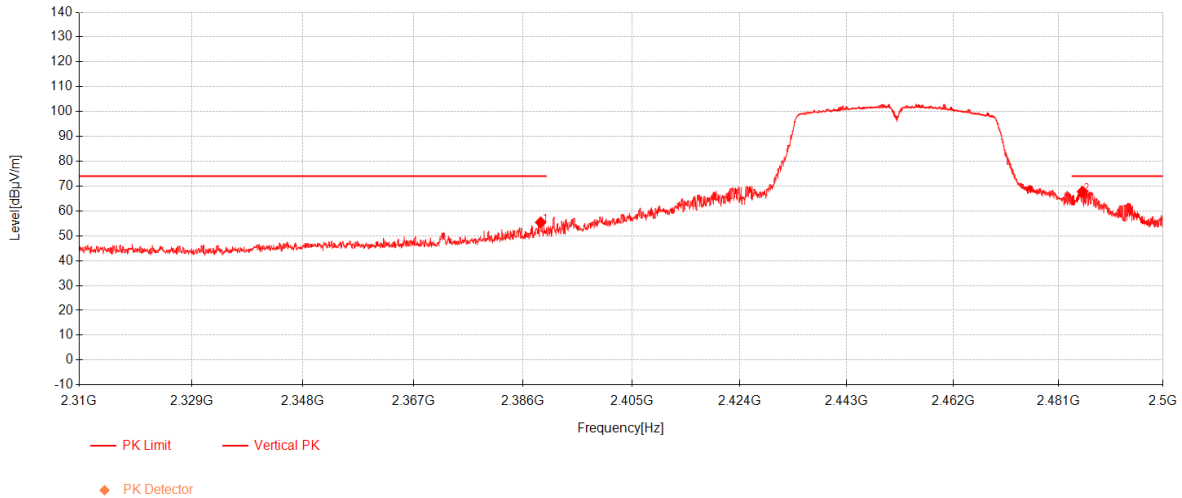
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.0725	52.67	27.16	-24.42	55.40	74.00	18.60	325	234	Vertical
2	2485.36	64.38	27.37	-23.95	67.80	74.00	6.20	325	234	Vertical

Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:  
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$   
 $AF = Antenna\ Factor(dB/m)$   
 $Factor = Cable\ Factor(dB) - Preamplifier\ gain(dB)$   
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- Both peak and average measured complies with the limit line, so test result is "PASS"

---End of Report---



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