

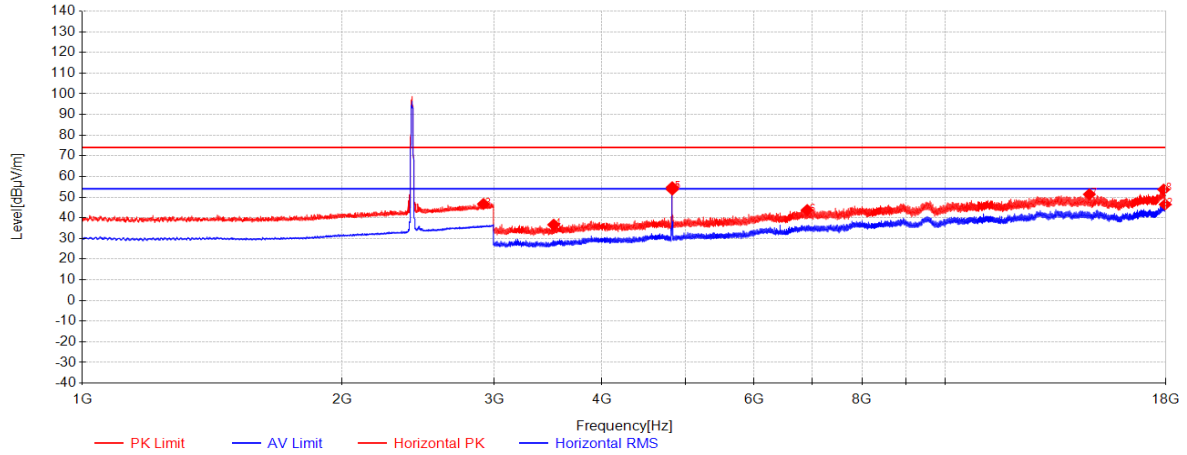
7.4.4 Measurement Procedure and Data

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5m above the ground at a 3m fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3m away from the interference-receiving antenna from 1GHz to 18GHz, and 1m away from the interference-receiving antenna above 18GHz.
- b. The interference-receiving antenna was mounted on the variable-height antenna tower, with its boresight facing the EUT throughout the test.
- c. The antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1m to 4m and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- g. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- h. Repeat above procedures until all frequencies measured was complete.

Remark:

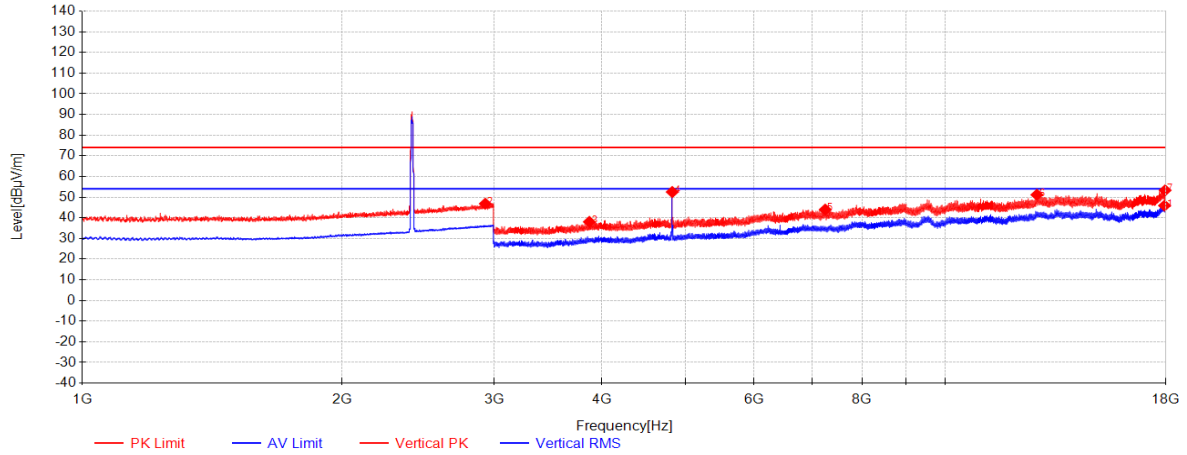
1. Scan from 1GHz to 10th harmonic of the highest frequency or 40 GHz, whichever is lower.
2. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
3. For the frequency above 18GHz, testing had been executed under all test modes, only the worst-case test curve is displayed in the report.
4. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s).

11b_TX_CH_01_Horizontal



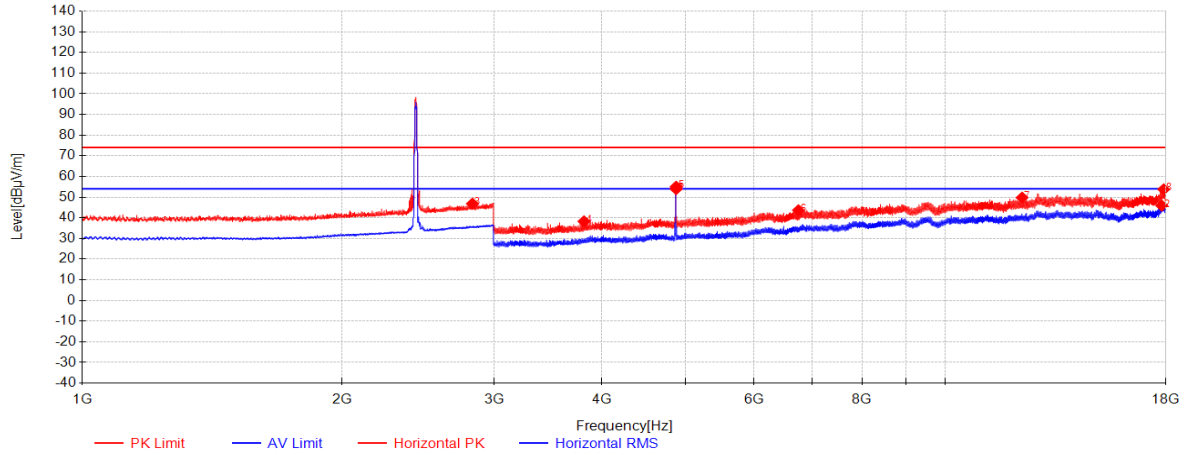
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824.375	66.10	32.68	-45.09	53.69	54.00	0.31	Horizontal
2	17961	35.94	41.59	-31.06	46.47	54.00	7.53	Horizontal
3	2915.5	40.94	29.26	-23.51	46.69	74.00	27.31	Horizontal
4	3516.375	52.63	29.36	-45.33	36.66	74.00	37.34	Horizontal
5	4824	67.17	32.68	-45.09	54.76	74.00	19.24	Horizontal
6	6914.25	50.36	36.16	-42.78	43.74	74.00	30.26	Horizontal
7	14672.25	45.15	40.00	-33.77	51.37	74.00	22.63	Horizontal
8	17888.625	43.31	41.38	-31.04	53.65	74.00	20.35	Horizontal

11b_TX_CH_01_Vertical



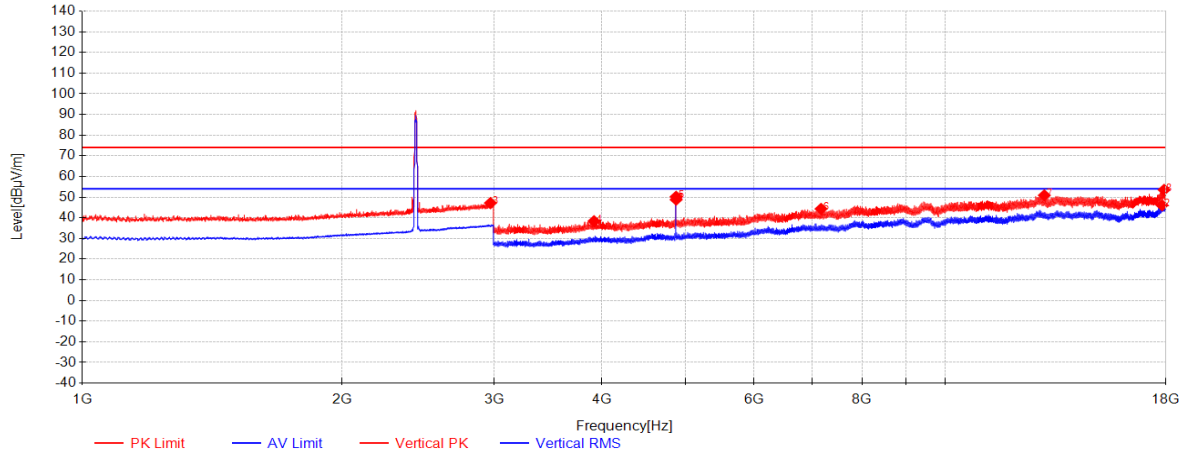
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	17931.375	35.49	41.50	-31.08	45.91	54.00	8.09	Vertical
2	2930	40.99	29.32	-23.50	46.81	74.00	27.19	Vertical
3	3867	52.36	30.62	-44.93	38.05	74.00	35.95	Vertical
4	4824	64.89	32.68	-45.09	52.48	74.00	21.52	Vertical
5	7253.625	49.94	36.30	-42.30	43.94	74.00	30.06	Vertical
6	12756.75	46.53	39.61	-35.01	51.13	74.00	22.87	Vertical
7	17958.375	42.78	41.58	-31.06	53.30	74.00	20.70	Vertical

11b_TX_CH_06_Horizontal



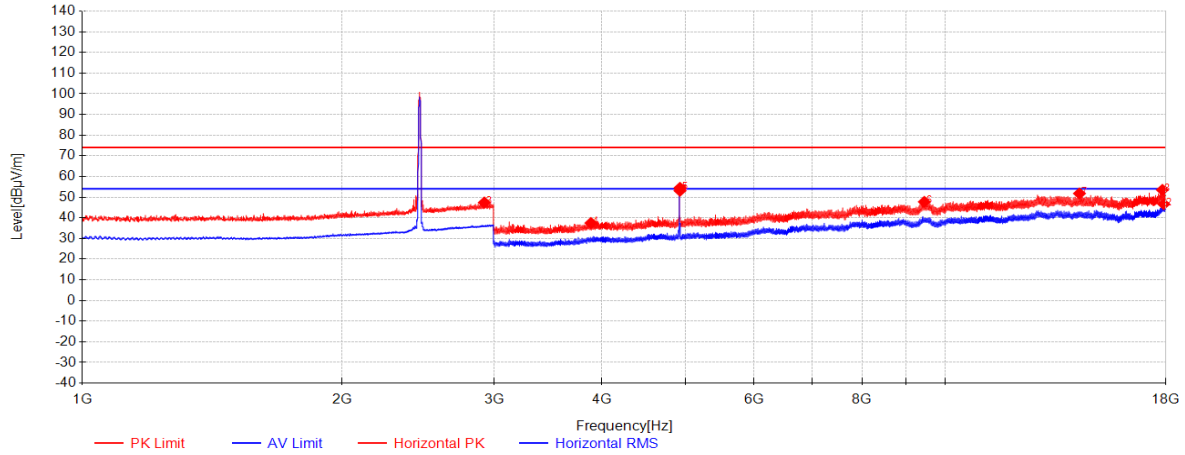
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NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874.25	66.03	32.80	-44.92	53.91	54.00	0.09	Horizontal
2	17794.875	35.36	41.11	-30.54	45.93	54.00	8.07	Horizontal
3	2831	41.84	28.92	-23.93	46.83	74.00	27.17	Horizontal
4	3812.25	52.80	30.42	-44.95	38.27	74.00	35.73	Horizontal
5	4874.25	67.16	32.80	-44.92	55.04	74.00	18.96	Horizontal
6	6754.125	50.85	35.91	-43.10	43.65	74.00	30.35	Horizontal
7	12262.5	45.79	39.02	-35.04	49.76	74.00	24.24	Horizontal
8	17892.75	43.45	41.39	-31.07	53.77	74.00	20.23	Horizontal

11b_TX_CH_06_Vertical



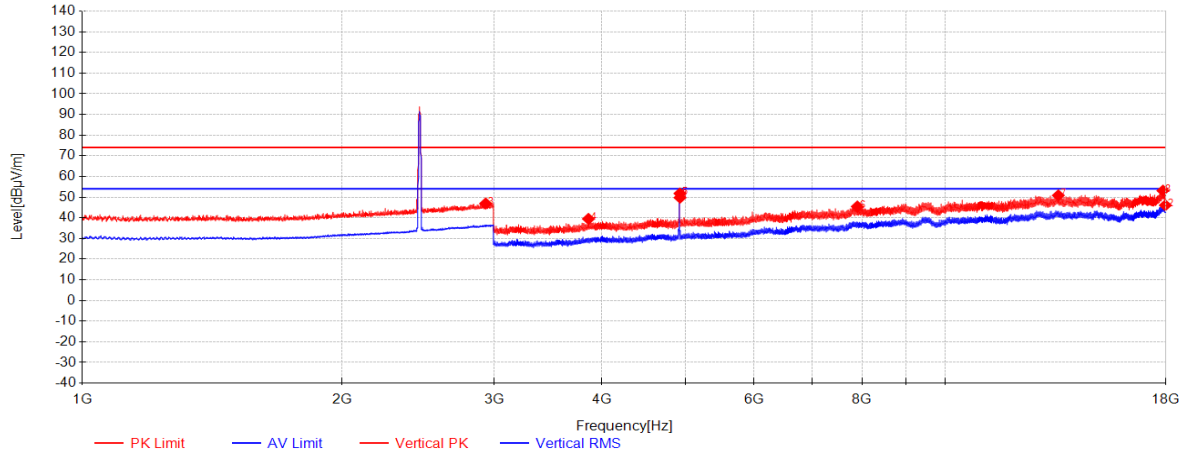
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874.25	60.91	32.80	-44.92	48.79	54.00	5.21	Vertical
2	17812.875	35.48	41.16	-30.57	46.07	54.00	7.93	Vertical
3	2971	41.15	29.48	-23.48	47.16	74.00	26.84	Vertical
4	3915.375	52.54	30.80	-44.95	38.38	74.00	35.62	Vertical
5	4873.875	62.31	32.80	-44.92	50.19	74.00	23.81	Vertical
6	7173.375	50.61	36.30	-42.59	44.32	74.00	29.68	Vertical
7	13013.25	46.22	39.91	-35.25	50.87	74.00	23.13	Vertical
8	17909.625	43.20	41.44	-31.10	53.54	74.00	20.46	Vertical

11b_TX_CH_11_Horizontal



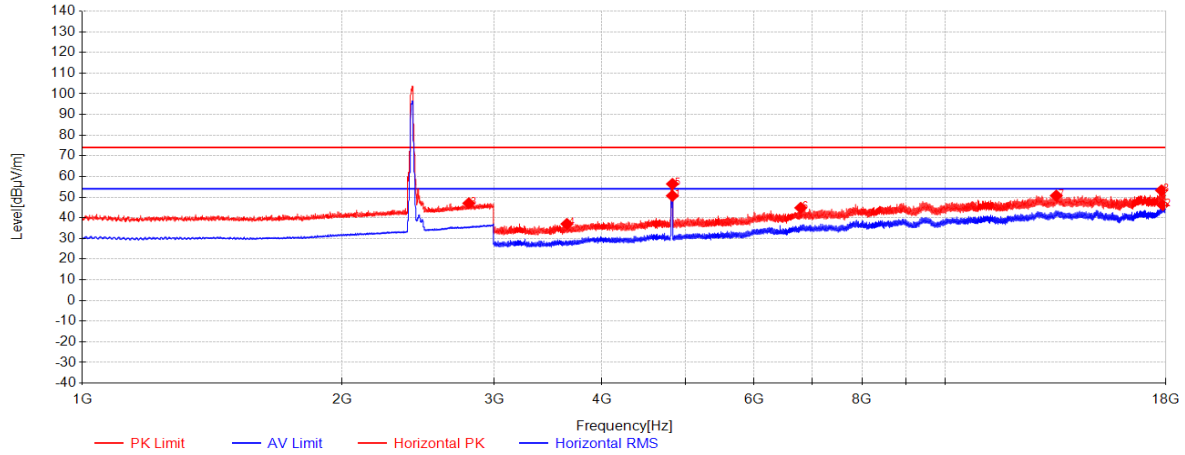
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1	4924.5	65.04	32.92	-44.84	53.12	54.00	0.88	Horizontal
2	17893.875	36.31	41.39	-31.07	46.63	54.00	7.37	Horizontal
3	2922.5	41.62	29.29	-23.51	47.40	74.00	26.60	Horizontal
4	3883.5	51.71	30.68	-44.92	37.47	74.00	36.53	Horizontal
5	4923.75	66.37	32.92	-44.84	54.45	74.00	19.55	Horizontal
6	9448.5	48.43	38.04	-38.75	47.73	74.00	26.27	Horizontal
7	14290.5	46.36	40.23	-34.84	51.75	74.00	22.25	Horizontal
8	17826.75	42.96	41.20	-30.66	53.50	74.00	20.50	Horizontal

11b_TX_CH_11_Vertical



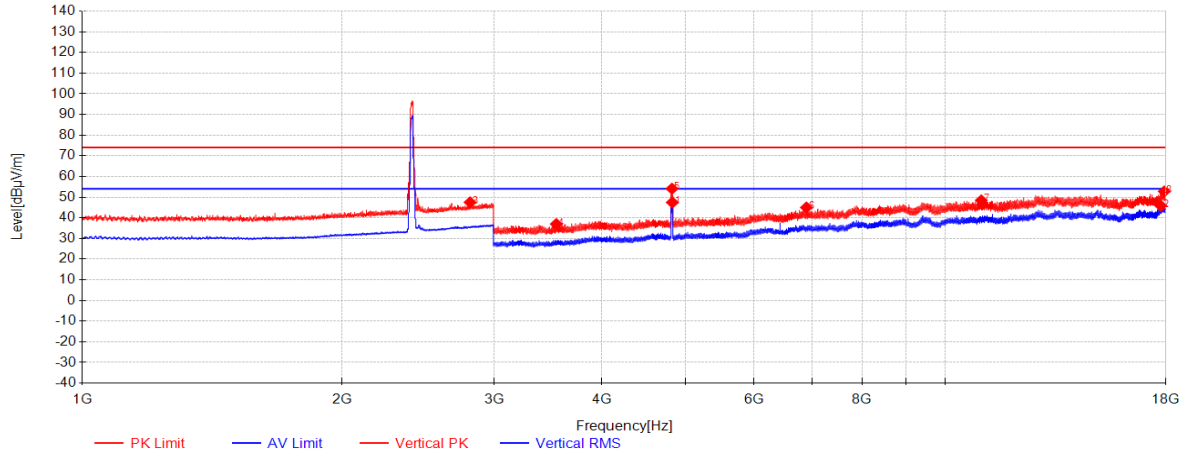
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924.5	61.67	32.92	-44.84	49.75	54.00	4.25	Vertical
2	17969.625	35.50	41.61	-31.05	46.06	54.00	7.94	Vertical
3	2933	41.07	29.33	-23.50	46.90	74.00	27.10	Vertical
4	3858	53.79	30.59	-44.93	39.45	74.00	34.55	Vertical
5	4924.125	63.66	32.92	-44.84	51.74	74.00	22.26	Vertical
6	7902.375	49.78	37.10	-41.42	45.47	74.00	28.53	Vertical
7	13507.5	45.23	40.15	-34.54	50.85	74.00	23.15	Vertical
8	17854.125	42.69	41.28	-30.83	53.14	74.00	20.86	Vertical

11g_TX_CH_01_Horizontal



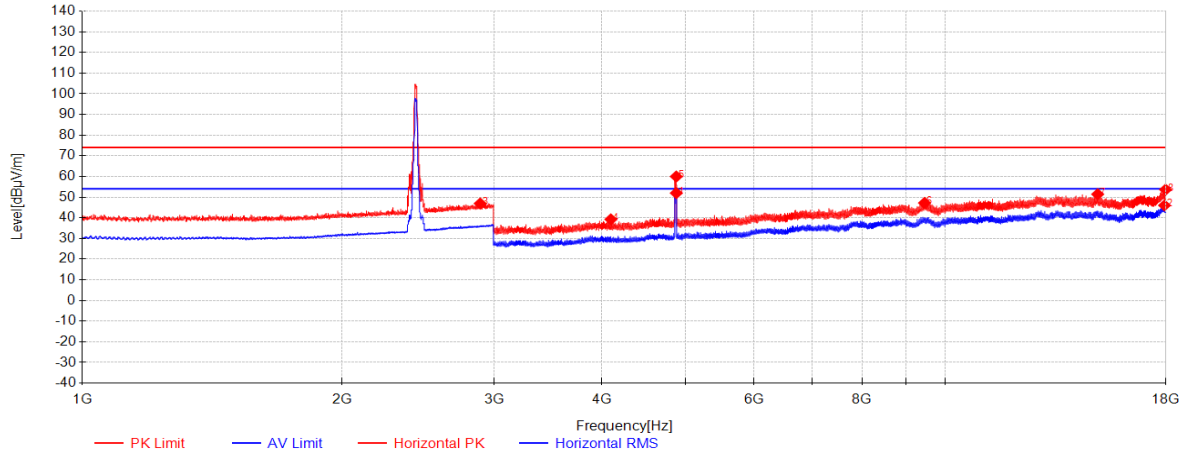
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1	4825.5	63.05	32.68	-45.08	50.65	54.00	3.35	Horizontal
2	17847.75	35.69	41.26	-30.79	46.16	54.00	7.84	Horizontal
3	2804	42.28	28.82	-24.10	47.00	74.00	27.00	Horizontal
4	3642.75	52.21	29.81	-45.01	37.02	74.00	36.98	Horizontal
5	4826.25	68.77	32.68	-45.08	56.37	74.00	17.63	Horizontal
6	6795	52.03	35.97	-43.17	44.83	74.00	29.17	Horizontal
7	13434	45.72	40.12	-35.12	50.71	74.00	23.29	Horizontal
8	17787.375	42.79	41.08	-30.61	53.26	74.00	20.74	Horizontal

11g_TX_CH_01_Vertical



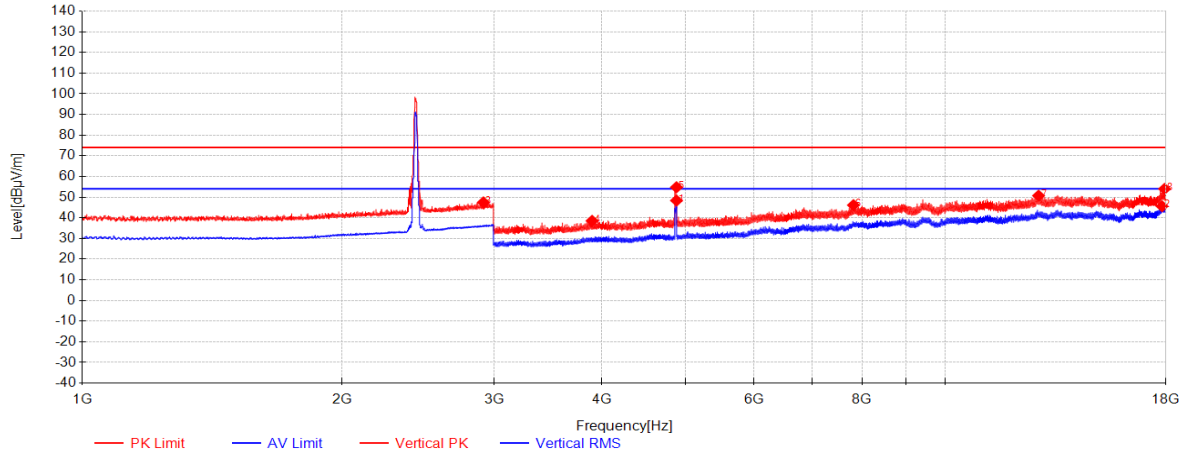
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NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4825.5	59.84	32.68	-45.08	47.44	54.00	6.56	Vertical
2	17761.875	35.58	41.01	-30.86	45.73	54.00	8.27	Vertical
3	2813.5	42.67	28.85	-24.04	47.49	74.00	26.51	Vertical
4	3541.125	52.66	29.45	-45.14	36.97	74.00	37.03	Vertical
5	4820.25	66.52	32.67	-45.10	54.09	74.00	19.91	Vertical
6	6899.25	51.56	36.14	-42.71	44.99	74.00	29.01	Vertical
7	10998.375	45.17	39.30	-36.03	48.44	74.00	25.56	Vertical
8	17917.875	42.41	41.46	-31.09	52.78	74.00	21.22	Vertical

11g_TX_CH_06_Horizontal



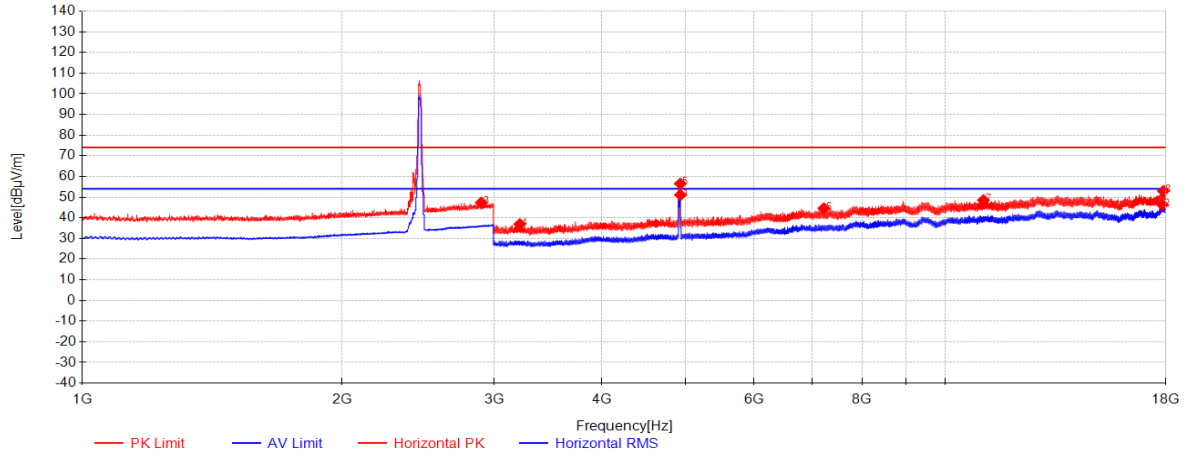
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NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4876.875	64.06	32.80	-44.91	51.96	54.00	2.04	Horizontal
2	17929.125	35.61	41.49	-31.08	46.02	54.00	7.98	Horizontal
3	2890.5	41.32	29.16	-23.58	46.91	74.00	27.09	Horizontal
4	4095.375	53.03	31.25	-45.07	39.22	74.00	34.78	Horizontal
5	4876.125	72.08	32.80	-44.91	59.97	74.00	14.03	Horizontal
6	9453.375	47.90	38.05	-38.74	47.21	74.00	26.79	Horizontal
7	15004.5	45.88	39.79	-34.27	51.40	74.00	22.60	Horizontal
8	17980.875	43.03	41.64	-31.04	53.64	74.00	20.36	Horizontal

11g_TX_CH_06_Vertical



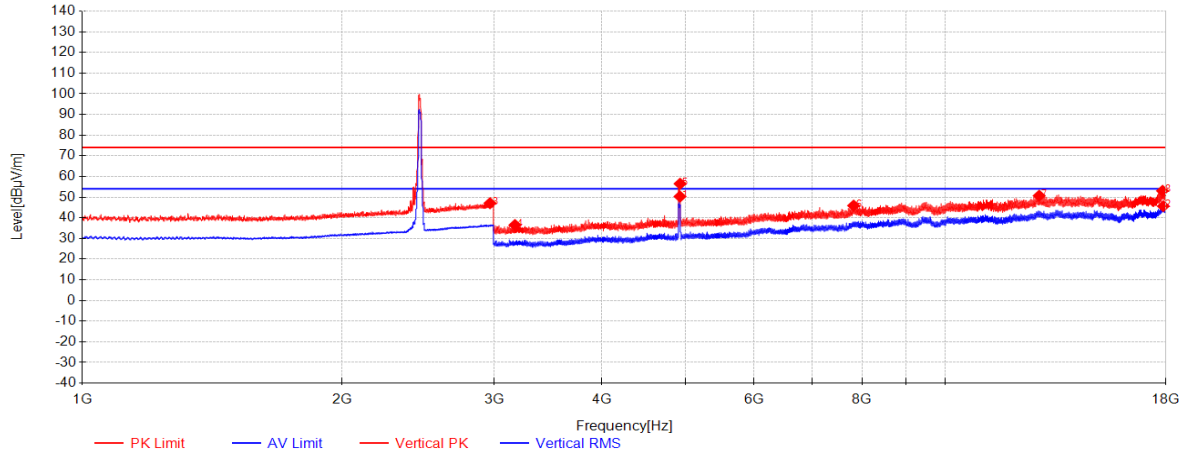
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NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4879.125	60.44	32.81	-44.90	48.35	54.00	5.65	Vertical
2	17812.5	35.00	41.16	-30.57	45.59	54.00	8.41	Vertical
3	2915.5	41.72	29.26	-23.51	47.47	74.00	26.53	Vertical
4	3895.5	52.73	30.72	-44.91	38.54	74.00	35.46	Vertical
5	4878.75	66.86	32.81	-44.90	54.77	74.00	19.23	Vertical
6	7821	50.33	36.94	-41.13	46.14	74.00	27.86	Vertical
7	12815.25	45.87	39.68	-34.84	50.71	74.00	23.29	Vertical
8	17931.75	43.58	41.50	-31.08	54.00	74.00	20.00	Vertical

11g_TX_CH_11_Horizontal



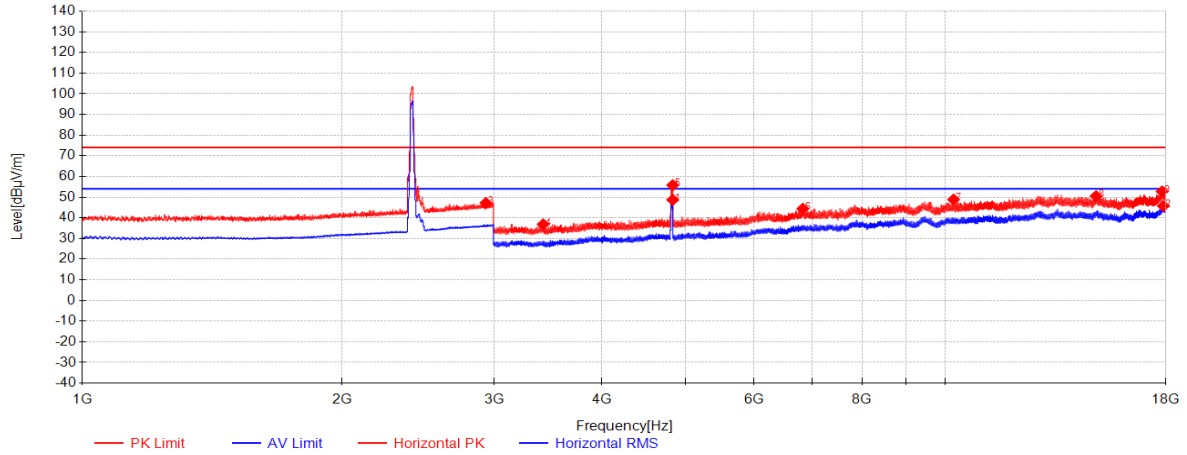
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4930.5	62.91	32.93	-44.84	51.00	54.00	3.00	Horizontal
2	17830.5	35.76	41.21	-30.68	46.29	54.00	7.71	Horizontal
3	2899	41.69	29.20	-23.53	47.36	74.00	26.64	Horizontal
4	3211.875	53.07	29.47	-45.62	36.92	74.00	37.08	Horizontal
5	4928.25	68.43	32.93	-44.84	56.52	74.00	17.48	Horizontal
6	7228.5	50.70	36.30	-42.43	44.57	74.00	29.43	Horizontal
7	11062.875	45.29	39.26	-36.05	48.51	74.00	25.49	Horizontal
8	17875.5	42.60	41.34	-30.96	52.98	74.00	21.02	Horizontal

11g_TX_CH_11_Vertical



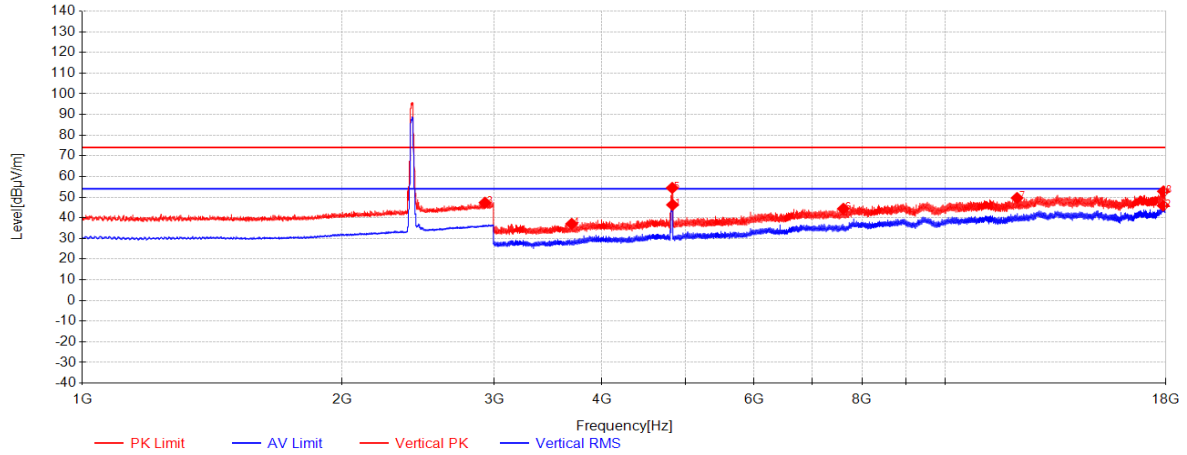
Data List								
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1	4924.5	62.22	32.92	-44.84	50.30	54.00	3.70	Vertical
2	17871.375	35.25	41.33	-30.93	45.64	54.00	8.36	Vertical
3	2967	41.06	29.47	-23.48	47.05	74.00	26.95	Vertical
4	3171.375	52.75	29.50	-45.75	36.50	74.00	37.50	Vertical
5	4925.625	68.39	32.92	-44.84	56.47	74.00	17.53	Vertical
6	7824.375	50.08	36.95	-41.14	45.89	74.00	28.11	Vertical
7	12834.75	45.92	39.70	-34.96	50.67	74.00	23.33	Vertical
8	17834.625	42.55	41.22	-30.70	53.07	74.00	20.93	Vertical

11n(HT20)_TX_CH_01_Horizontal



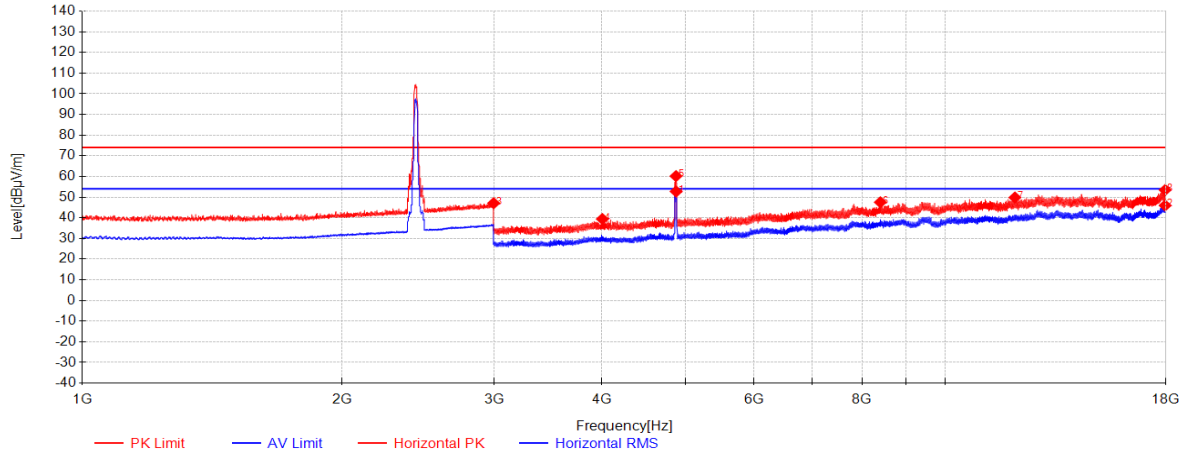
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4830	61.06	32.69	-45.07	48.68	54.00	5.32	Horizontal
2	17873.25	35.36	41.33	-30.94	45.75	54.00	8.25	Horizontal
3	2935	41.33	29.34	-23.50	47.17	74.00	26.83	Horizontal
4	3418.875	53.24	29.35	-45.74	36.85	74.00	37.15	Horizontal
5	4829.25	68.14	32.69	-45.07	55.76	74.00	18.24	Horizontal
6	6833.25	51.36	36.03	-43.02	44.37	74.00	29.63	Horizontal
7	10215.375	47.47	38.36	-37.00	48.83	74.00	25.17	Horizontal
8	14937	44.29	39.84	-33.67	50.46	74.00	23.54	Horizontal
9	17812.5	42.15	41.16	-30.57	52.74	74.00	21.26	Horizontal

11n(HT20)_TX_CH_01_Vertical



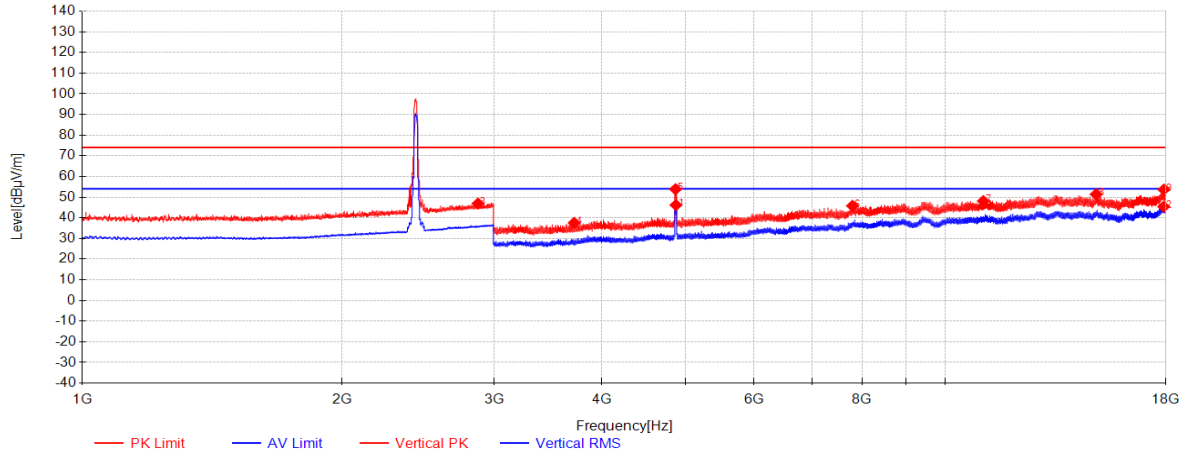
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4828.125	58.67	32.69	-45.07	46.28	54.00	7.72	Vertical
2	17864.625	35.51	41.31	-30.89	45.93	54.00	8.07	Vertical
3	2928	41.51	29.31	-23.50	47.32	74.00	26.68	Vertical
4	3689.25	52.46	29.98	-45.35	37.09	74.00	36.91	Vertical
5	4823.625	66.87	32.68	-45.09	54.46	74.00	19.54	Vertical
6	7613.25	49.67	36.53	-41.81	44.38	74.00	29.62	Vertical
7	12099	45.81	38.82	-35.04	49.59	74.00	24.41	Vertical
8	17879.25	42.43	41.35	-30.98	52.80	74.00	21.20	Vertical

11n(HT20)_TX_CH_06_Horizontal



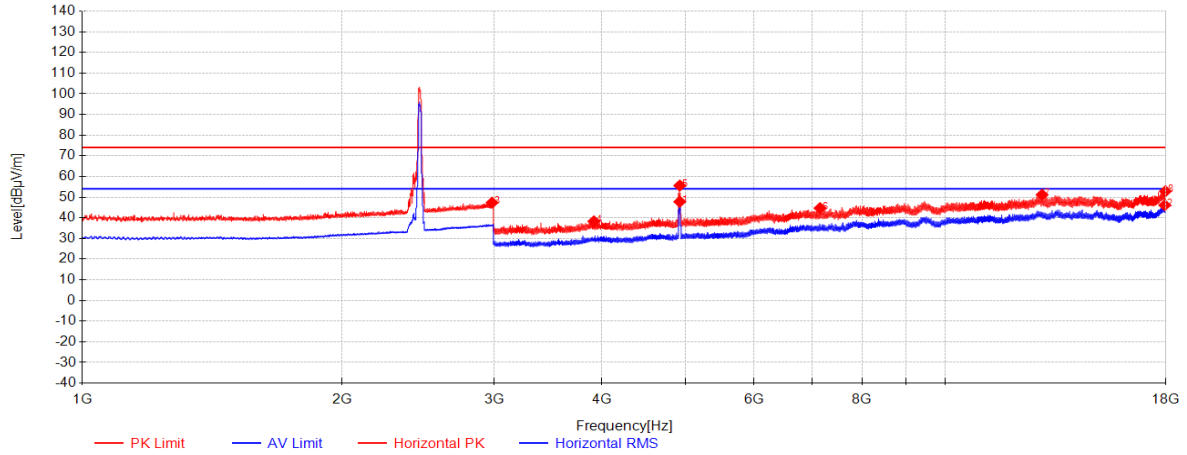
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4873.875	64.85	32.80	-44.92	52.73	54.00	1.27	Horizontal
2	17961	35.44	41.59	-31.06	45.97	54.00	8.03	Horizontal
3	2996	40.93	29.58	-23.46	47.05	74.00	26.95	Horizontal
4	4003.5	53.50	31.11	-45.18	39.43	74.00	34.57	Horizontal
5	4872.375	72.30	32.79	-44.92	60.17	74.00	13.83	Horizontal
6	8402.625	50.46	37.58	-40.52	47.52	74.00	26.48	Horizontal
7	12030.375	46.79	38.74	-35.71	49.81	74.00	24.19	Horizontal
8	17960.625	42.95	41.59	-31.06	53.48	74.00	20.52	Horizontal

11n(HT20)_TX_CH_06_Vertical



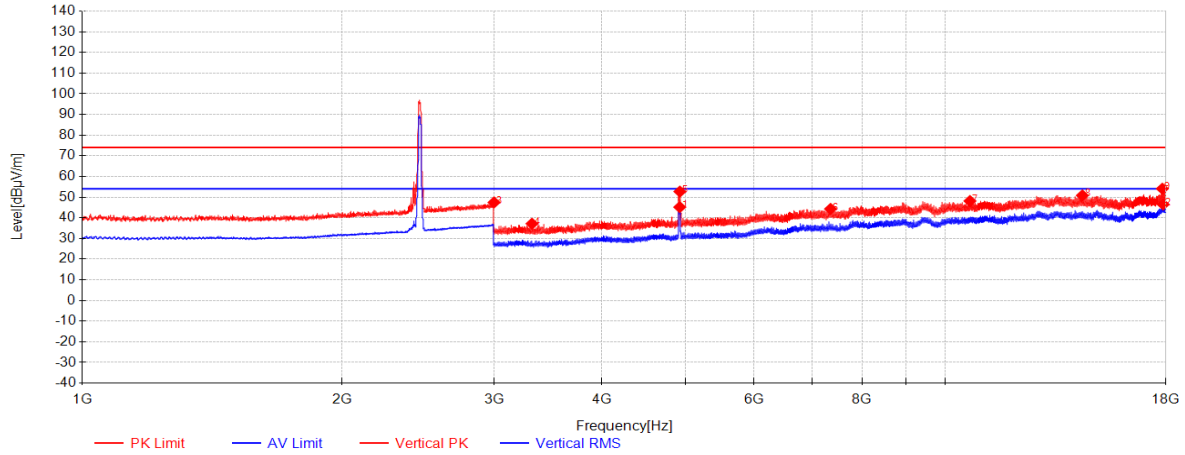
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4871.625	58.29	32.79	-44.93	46.16	54.00	7.84	Vertical
2	17891.25	35.06	41.38	-31.06	45.39	54.00	8.61	Vertical
3	2873.5	41.49	29.09	-23.68	46.91	74.00	27.09	Vertical
4	3713.625	52.85	30.07	-45.37	37.55	74.00	36.45	Vertical
5	4866.375	66.00	32.78	-44.94	53.83	74.00	20.17	Vertical
6	7800.375	49.95	36.90	-41.05	45.80	74.00	28.20	Vertical
7	11056.875	44.89	39.27	-36.04	48.11	74.00	25.89	Vertical
8	14939.625	45.24	39.84	-33.69	51.38	74.00	22.62	Vertical
9	17896.875	43.33	41.40	-31.09	53.64	74.00	20.36	Vertical

11n(HT20)_TX_CH_11_Horizontal



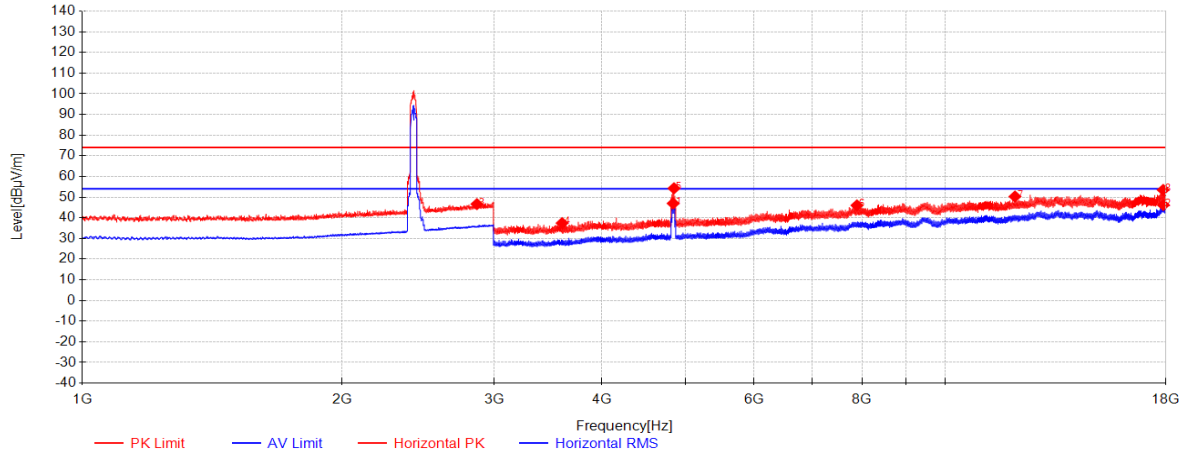
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4921.875	59.71	32.91	-44.84	47.79	54.00	6.21	Horizontal
2	17941.875	35.63	41.53	-31.07	46.09	54.00	7.91	Horizontal
3	2983.5	41.26	29.53	-23.47	47.32	74.00	26.68	Horizontal
4	3914.25	52.44	30.79	-44.95	38.28	74.00	35.72	Horizontal
5	4921.875	67.53	32.91	-44.84	55.61	74.00	18.39	Horizontal
6	7154.25	50.96	36.30	-42.59	44.67	74.00	29.33	Horizontal
7	12934.125	46.64	39.82	-35.33	51.13	74.00	22.87	Horizontal
8	17971.5	42.29	41.62	-31.05	52.86	74.00	21.14	Horizontal

11n(HT20)_TX_CH_11_Vertical



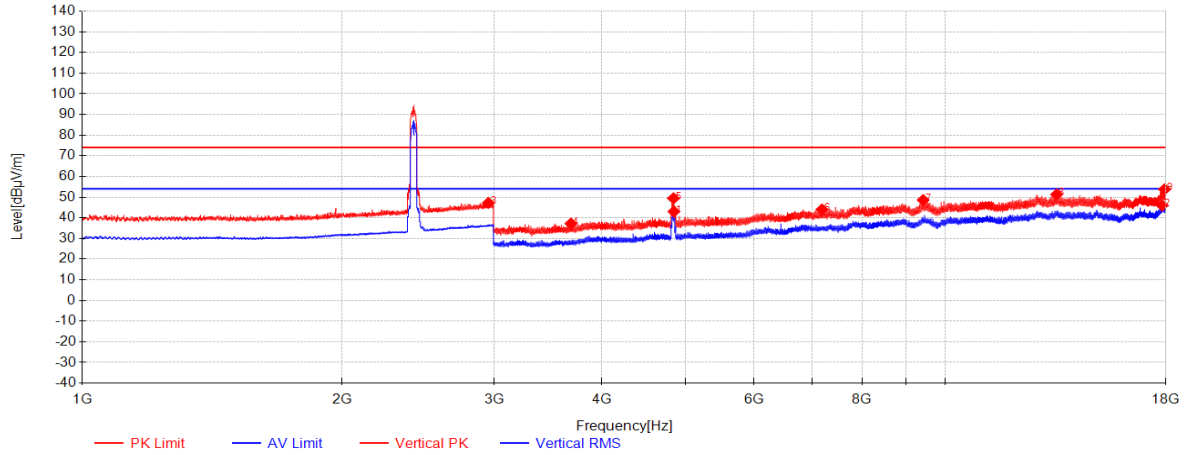
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4921.125	57.08	32.91	-44.84	45.15	54.00	8.85	Vertical
2	17866.875	36.07	41.31	-30.90	46.48	54.00	7.52	Vertical
3	2999	41.30	29.60	-23.46	47.44	74.00	26.56	Vertical
4	3318.75	53.75	29.41	-46.01	37.15	74.00	36.85	Vertical
5	4923	64.60	32.92	-44.84	52.68	74.00	21.32	Vertical
6	7357.5	50.30	36.30	-42.30	44.30	74.00	29.70	Vertical
7	10671	45.69	38.91	-36.46	48.13	74.00	25.87	Vertical
8	14401.5	45.14	40.16	-34.47	50.83	74.00	23.17	Vertical
9	17825.625	43.52	41.19	-30.65	54.07	74.00	19.93	Vertical

11n(HT40)_TX_CH_03_Horizontal



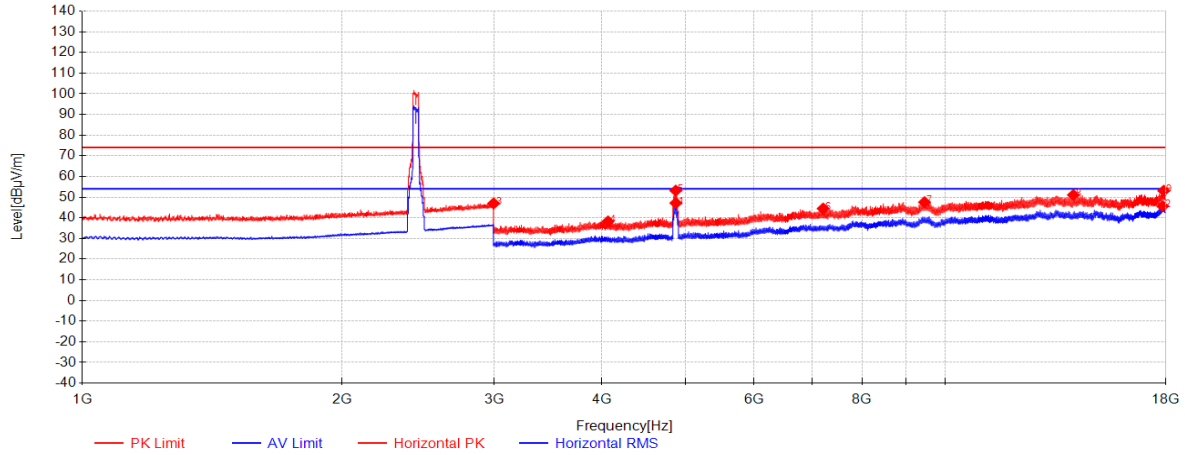
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4836.375	59.30	32.71	-45.05	46.96	54.00	7.04	Horizontal
2	17873.25	35.81	41.33	-30.94	46.20	54.00	7.80	Horizontal
3	2865.5	41.27	29.06	-23.73	46.61	74.00	27.39	Horizontal
4	3596.25	52.51	29.65	-44.72	37.44	74.00	36.56	Horizontal
5	4846.125	66.56	32.73	-45.01	54.28	74.00	19.72	Horizontal
6	7894.875	50.32	37.09	-41.40	46.01	74.00	27.99	Horizontal
7	12032.25	47.26	38.74	-35.69	50.30	74.00	23.70	Horizontal
8	17865.375	43.09	41.31	-30.90	53.50	74.00	20.50	Horizontal

11n(HT40)_TX_CH_03_Vertical



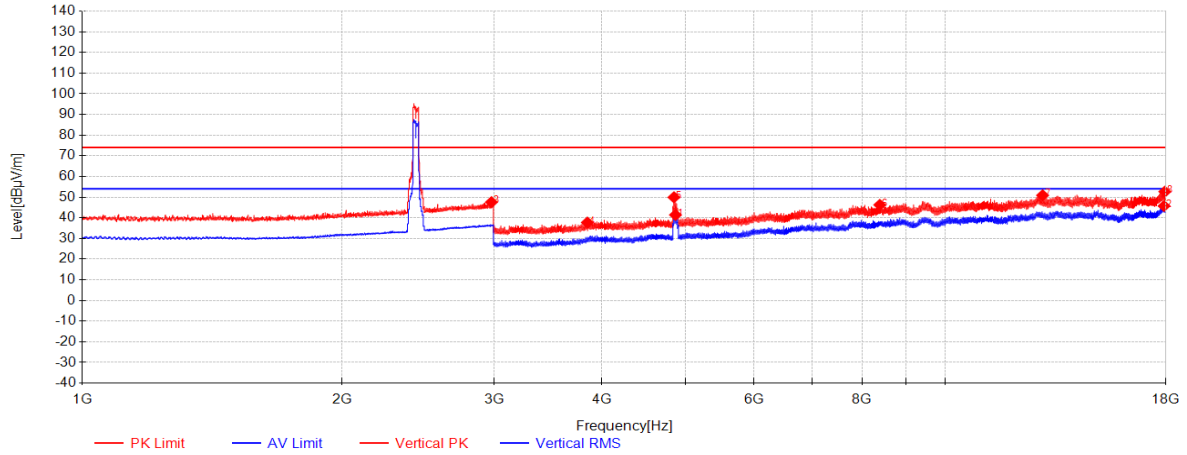
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4845.75	55.33	32.73	-45.01	43.05	54.00	10.95	Vertical
2	17817.375	35.40	41.17	-30.60	45.97	54.00	8.03	Vertical
3	2954.5	41.30	29.42	-23.49	47.23	74.00	26.77	Vertical
4	3682.5	52.54	29.96	-45.30	37.20	74.00	36.80	Vertical
5	4839.75	61.75	32.72	-45.03	49.43	74.00	24.57	Vertical
6	7192.125	50.31	36.30	-42.59	44.02	74.00	29.98	Vertical
7	9418.5	49.36	38.04	-38.79	48.61	74.00	25.39	Vertical
8	13446.75	46.19	40.12	-35.00	51.31	74.00	22.69	Vertical
9	17931.375	43.38	41.50	-31.08	53.80	74.00	20.20	Vertical

11n(HT40)_TX_CH_06_Horizontal



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4870.875	59.27	32.79	-44.93	47.13	54.00	6.87	Horizontal
2	17842.5	35.14	41.24	-30.75	45.63	54.00	8.37	Horizontal
3	2996	40.83	29.58	-23.46	46.95	74.00	27.05	Horizontal
4	4064.625	52.15	31.20	-45.10	38.25	74.00	35.75	Horizontal
5	4869.375	65.30	32.79	-44.93	53.15	74.00	20.85	Horizontal
6	7213.875	50.65	36.30	-42.51	44.44	74.00	29.56	Horizontal
7	9453.375	48.25	38.05	-38.74	47.56	74.00	26.44	Horizontal
8	14060.625	46.09	40.36	-35.41	51.05	74.00	22.95	Horizontal
9	17892.375	42.75	41.39	-31.06	53.08	74.00	20.92	Horizontal

11n(HT40)_TX_CH_06_Vertical



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4865.625	53.57	32.78	-44.95	41.40	54.00	12.60	Vertical
2	17907.375	35.38	41.43	-31.10	45.71	54.00	8.29	Vertical
3	2979	41.53	29.52	-23.47	47.57	74.00	26.43	Vertical
4	3846.75	52.10	30.55	-44.94	37.71	74.00	36.29	Vertical
5	4846.125	62.20	32.73	-45.01	49.92	74.00	24.08	Vertical
6	8389.875	49.21	37.57	-40.54	46.24	74.00	27.76	Vertical
7	12953.25	46.36	39.84	-35.32	50.88	74.00	23.12	Vertical
8	17943.375	42.18	41.54	-31.07	52.64	74.00	21.36	Vertical