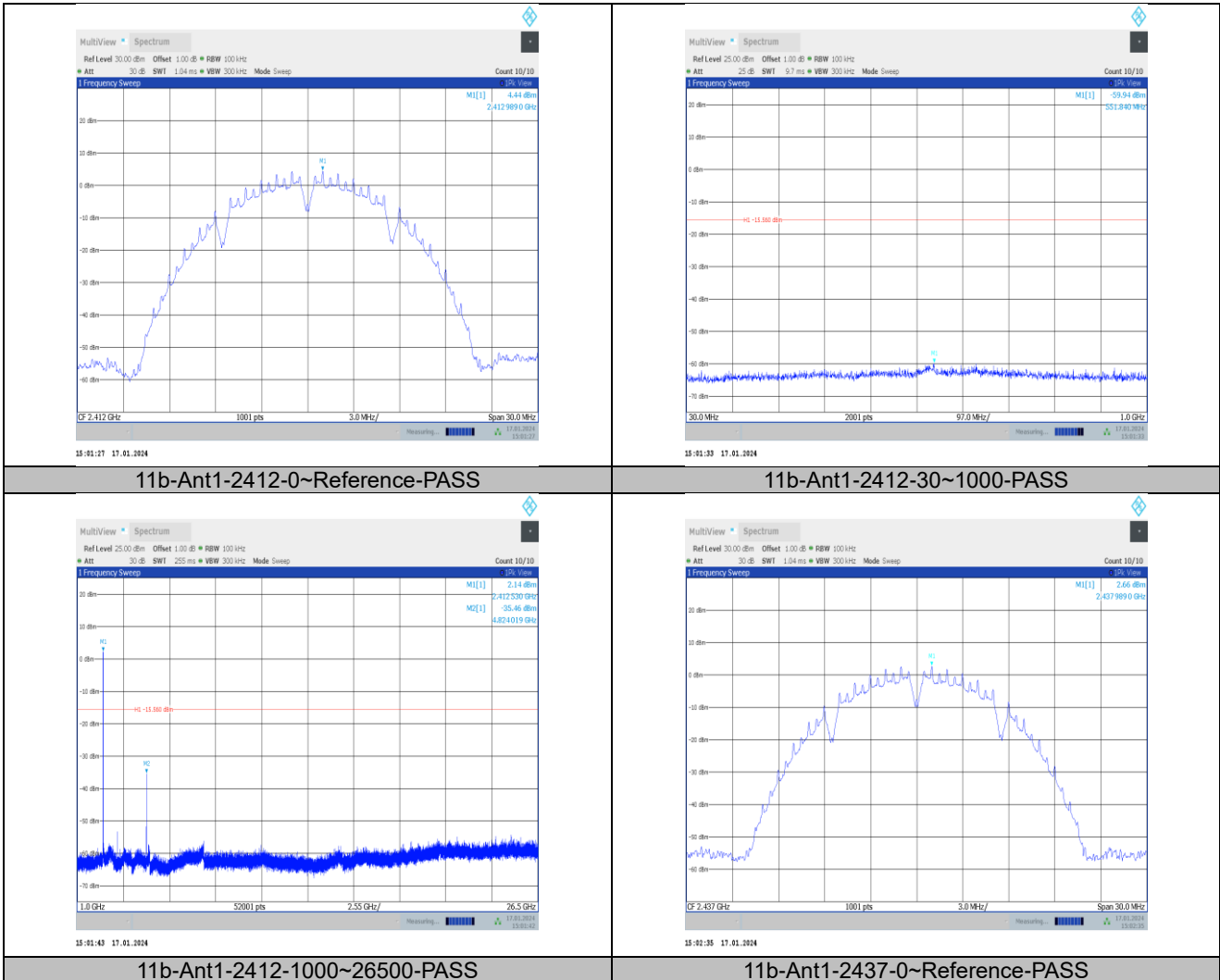


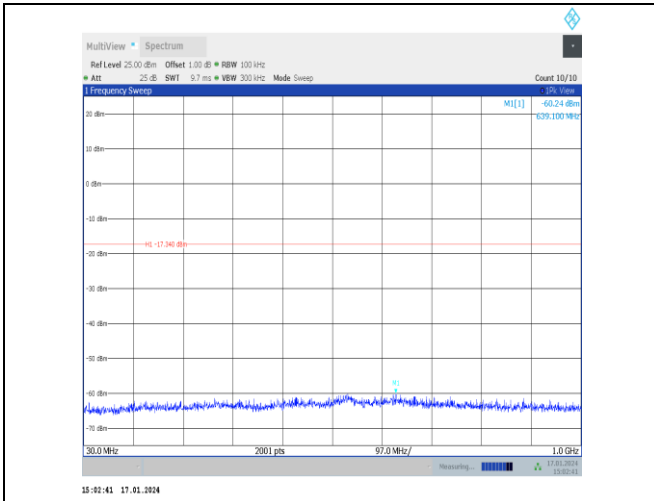
### Conducted Spurious Emission Test Graphs



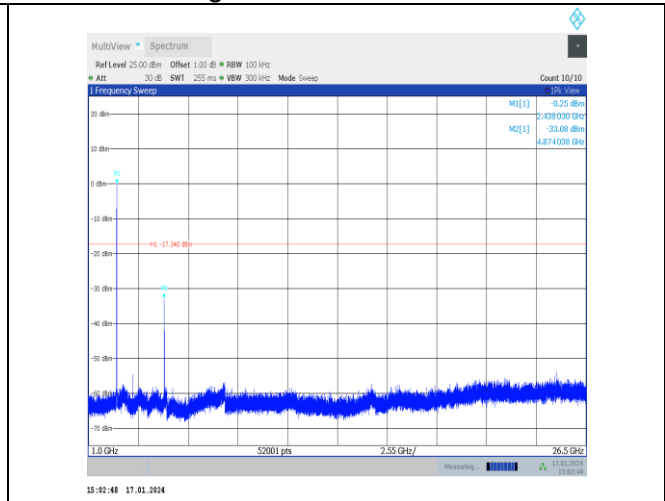
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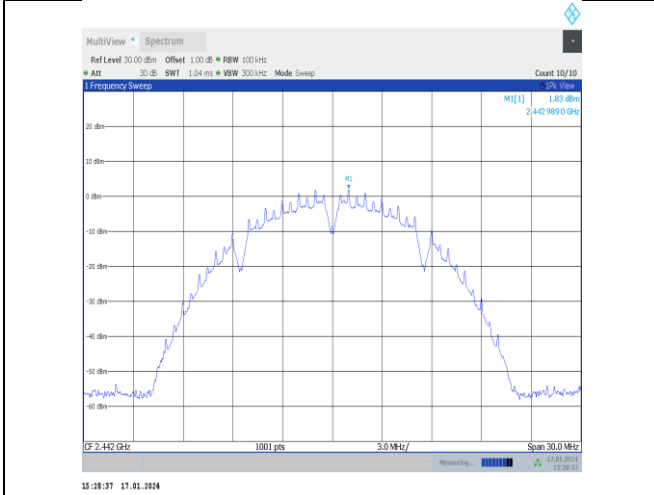
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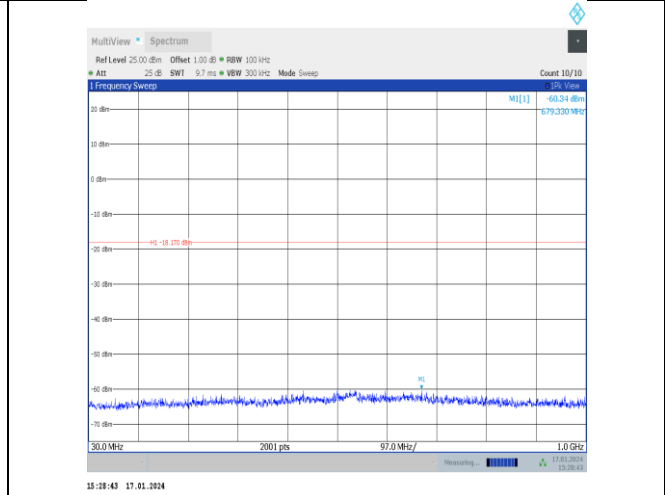
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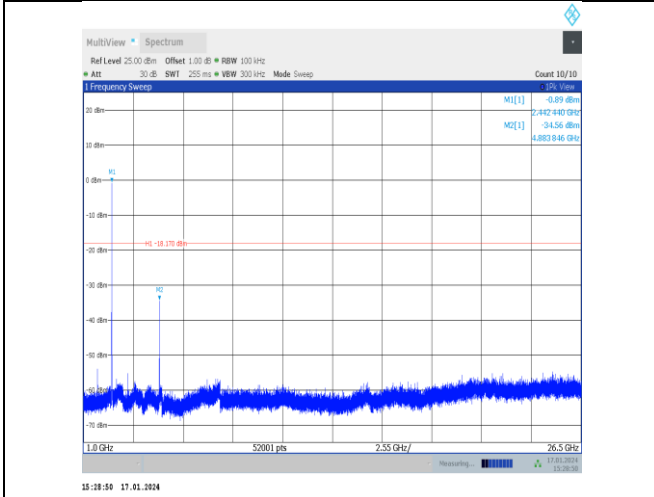
11b-Ant1-2437-1000~26500-PASS



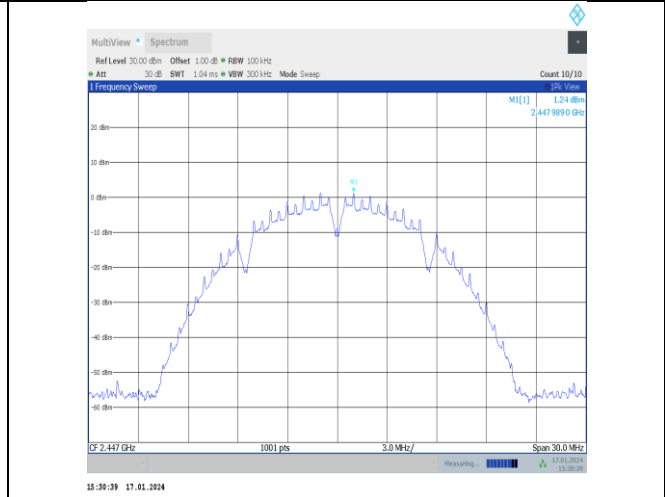
11b-Ant1-2442-0~Reference-PASS



11b-Ant1-2442-30~1000-PASS



11b-Ant1-2442-1000~26500-PASS



11b-Ant1-2447-0~Reference-PASS

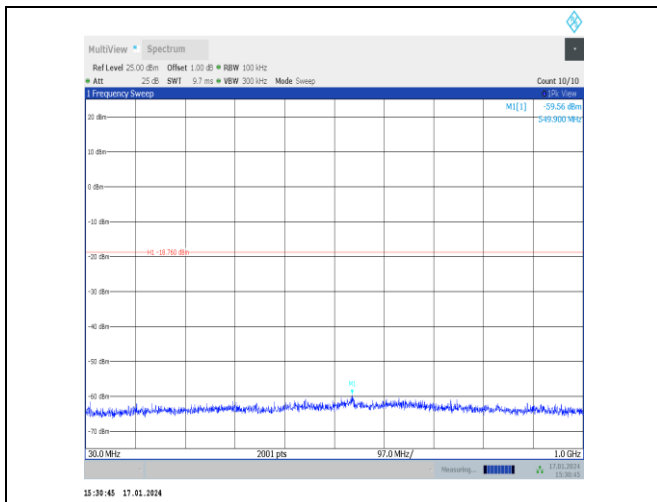


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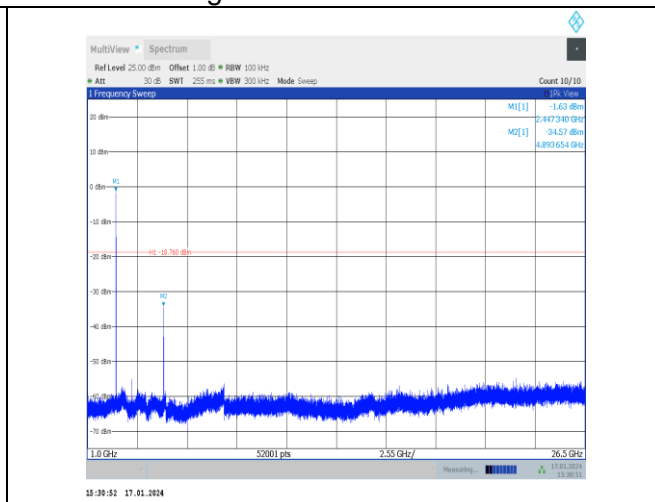
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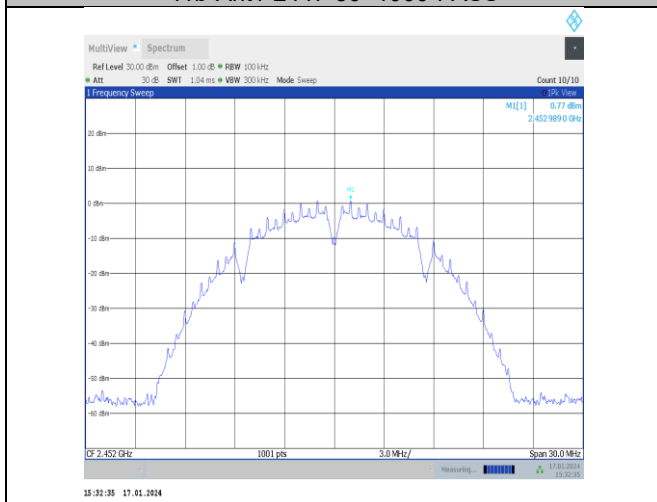
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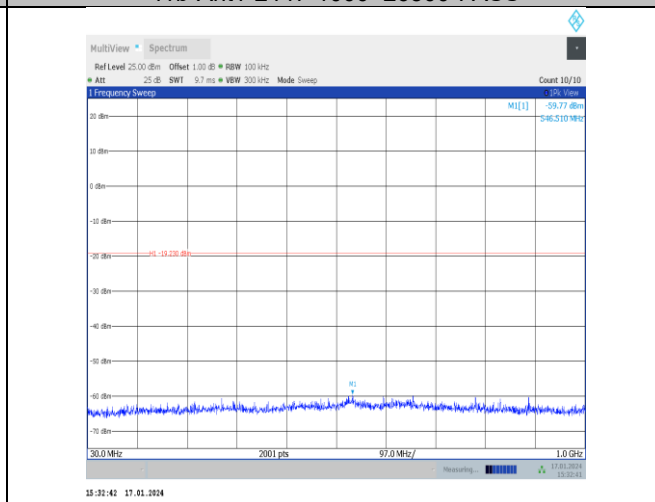
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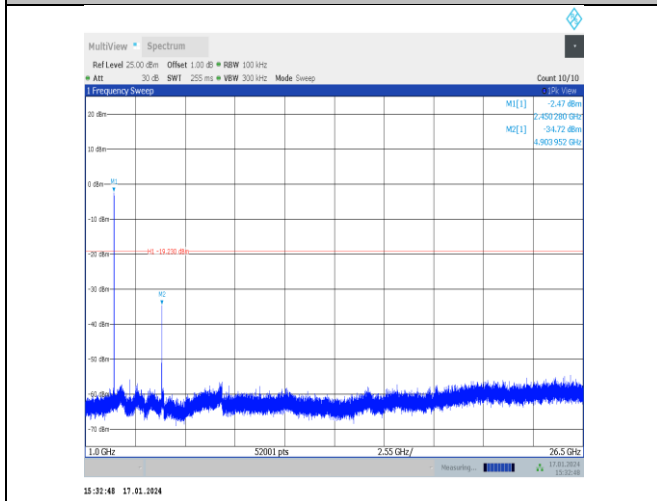
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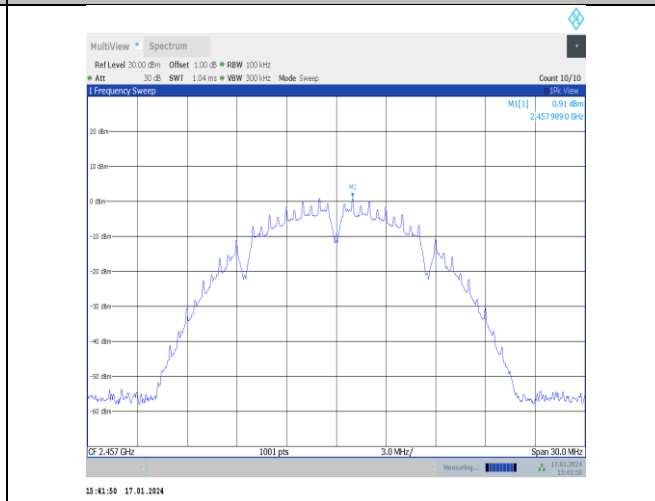
11b-Ant1-2452-0~Reference-PASS



11b-Ant1-2452-30~1000-PASS



11b-Ant1-2452-1000~26500-PASS



11b-Ant1-2457-0~Reference-PASS

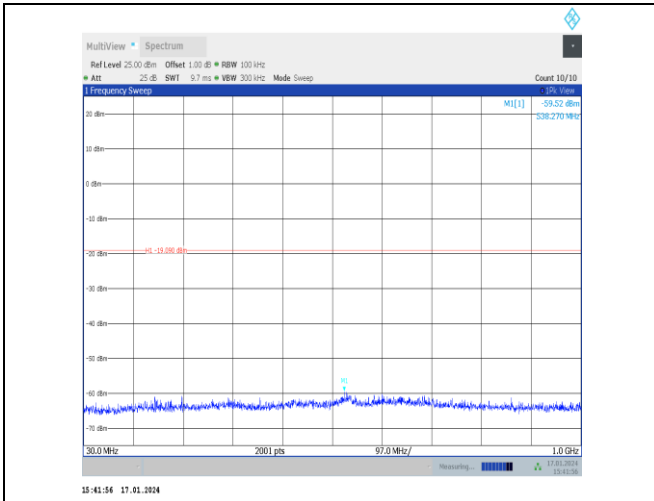


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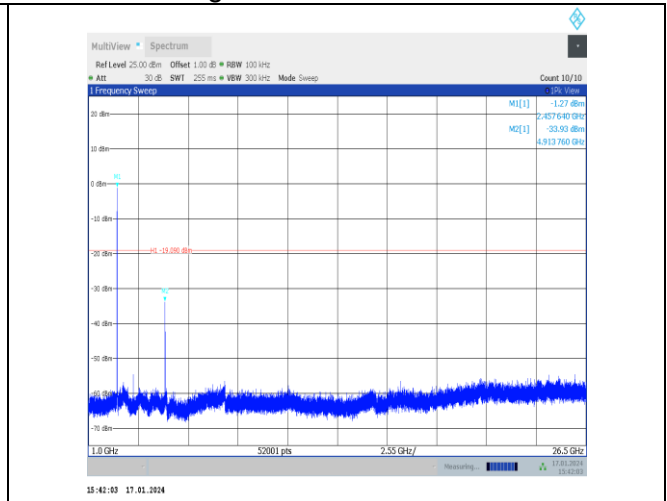
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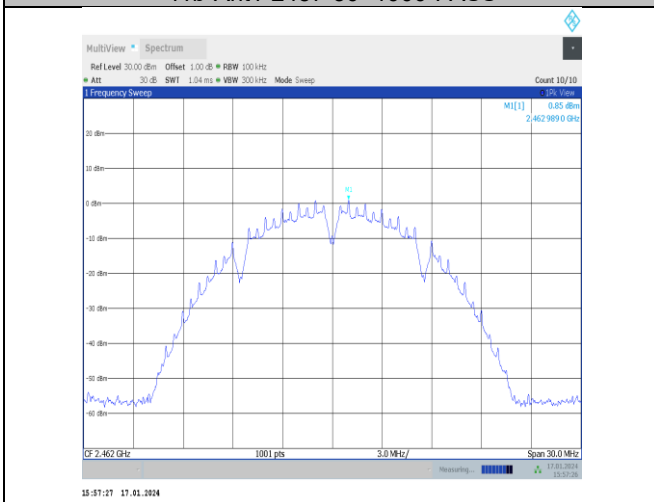
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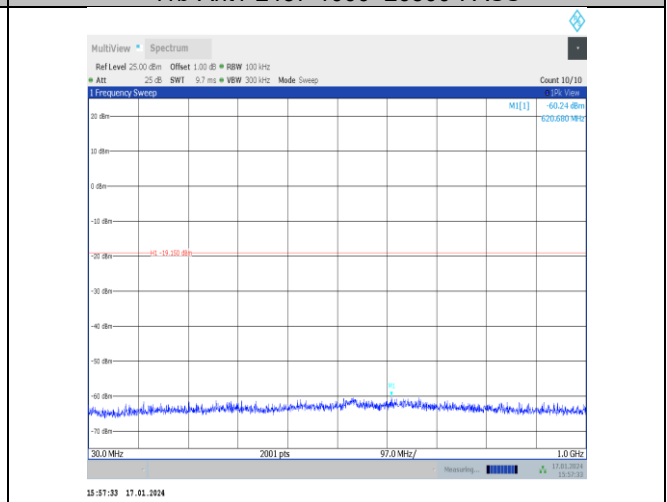
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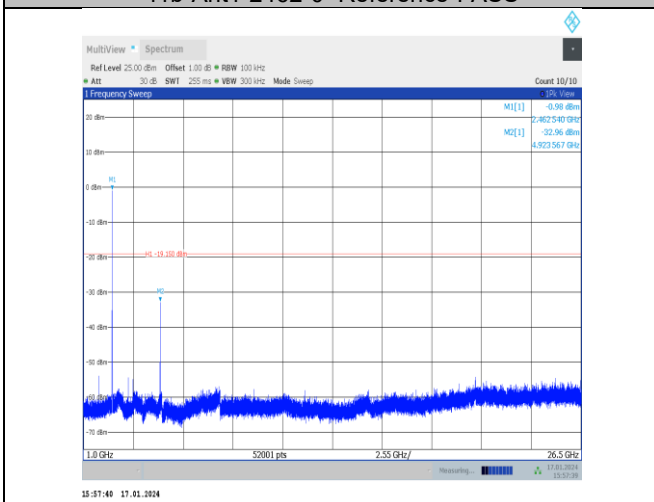
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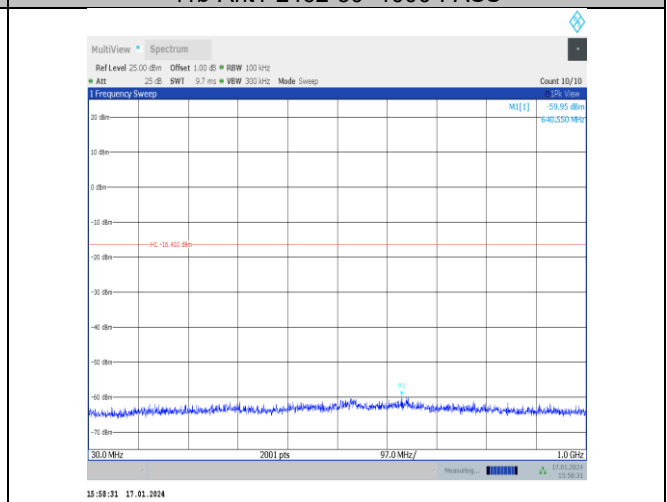
11b-Ant1-2462-0~Reference-PASS



11b-Ant1-2462-30~1000-PASS



11b-Ant1-2462-1000~26500-PASS



11g-Ant1-2412-30~1000-PASS

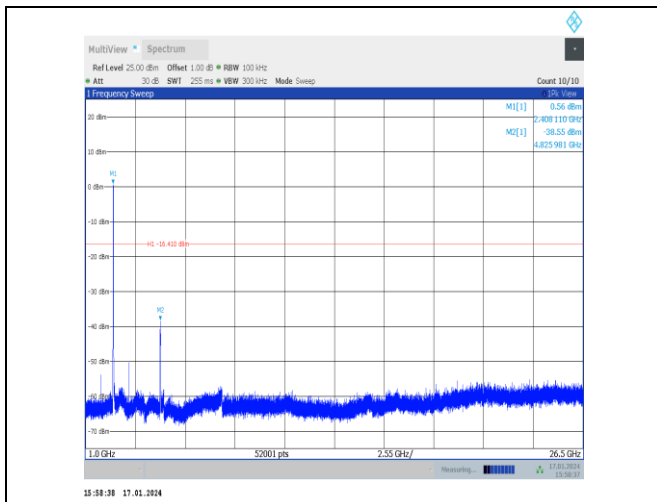


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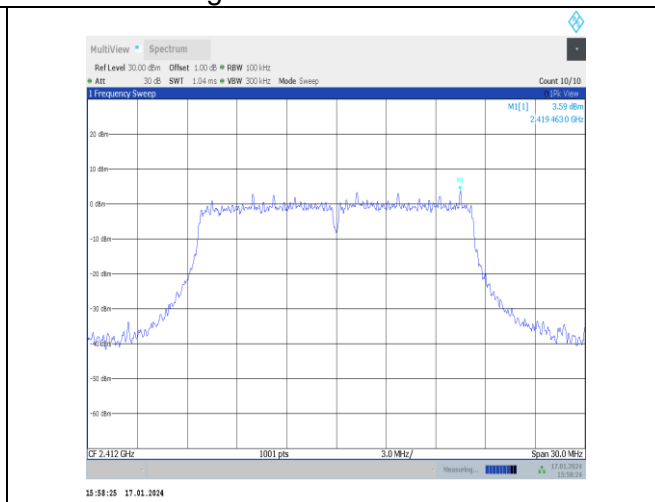
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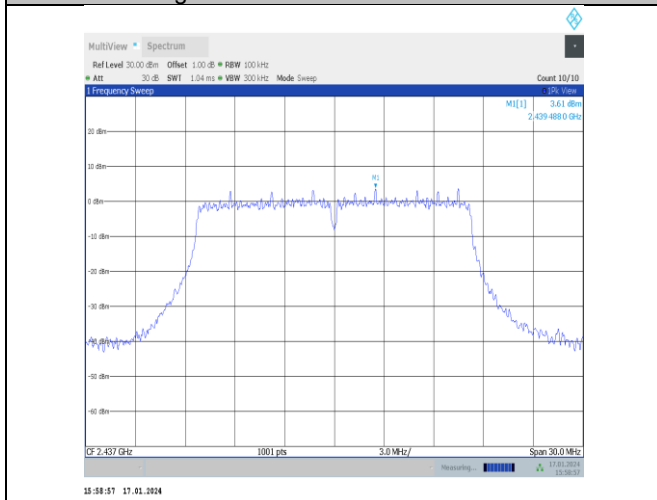
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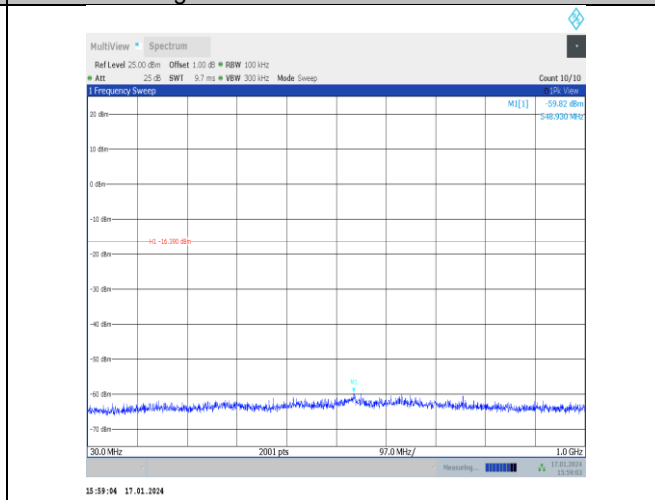
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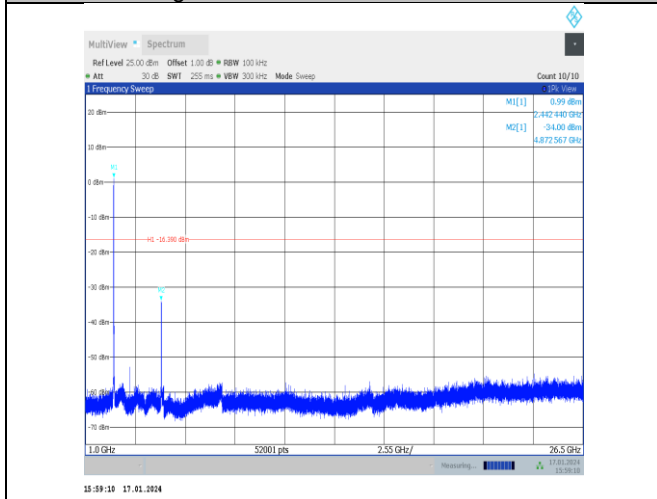
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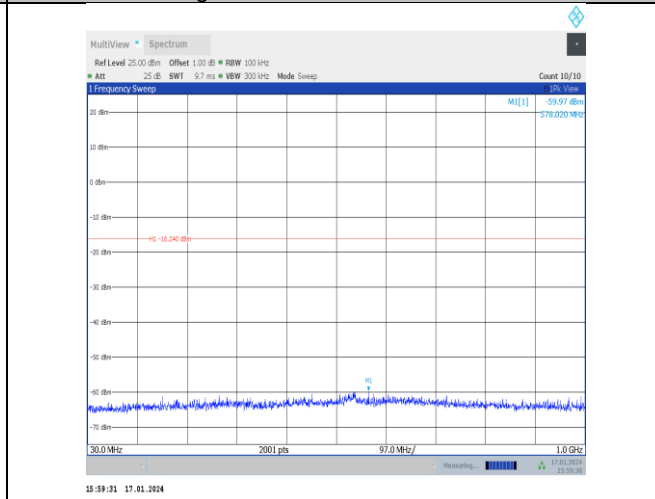
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11g-Ant1-2437-30~1000-PASS



11g-Ant1-2437-1000~26500-PASS



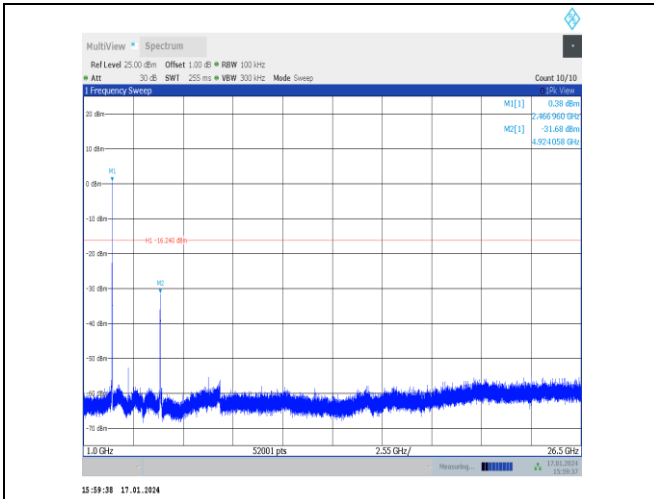
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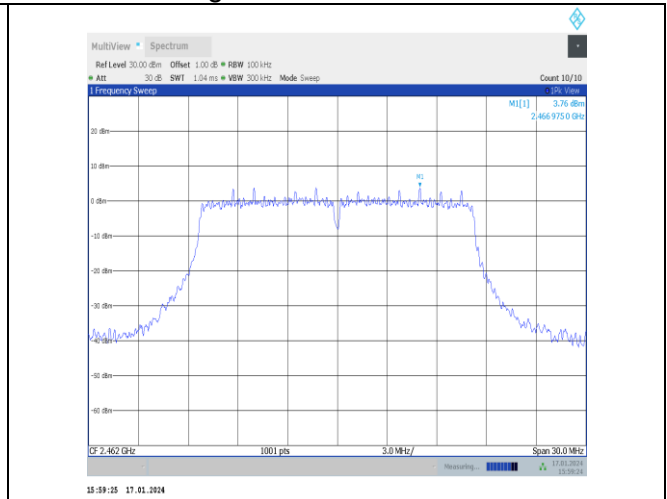
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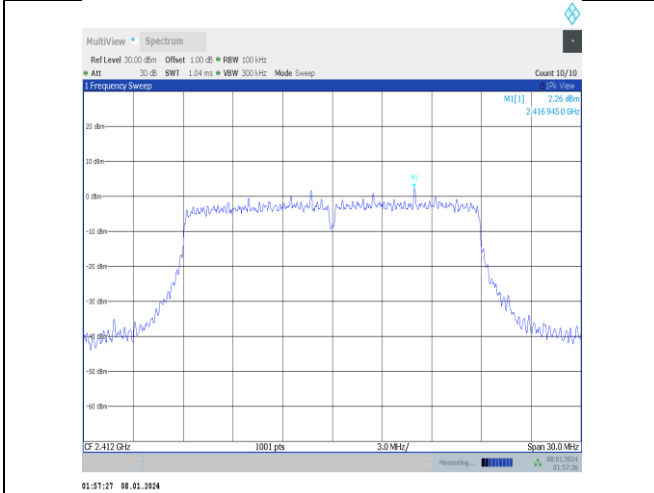
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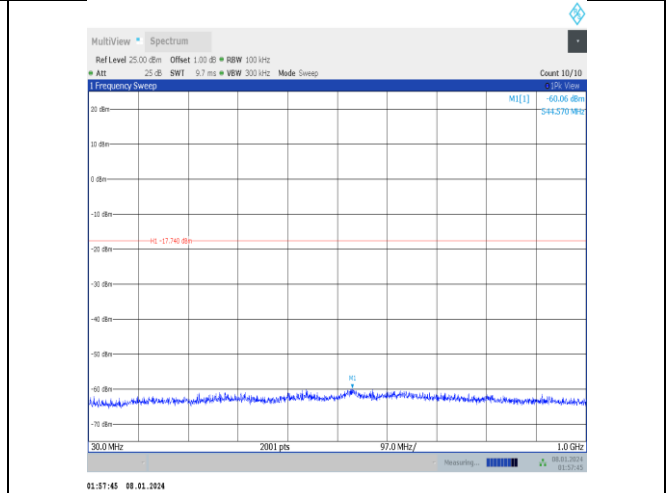
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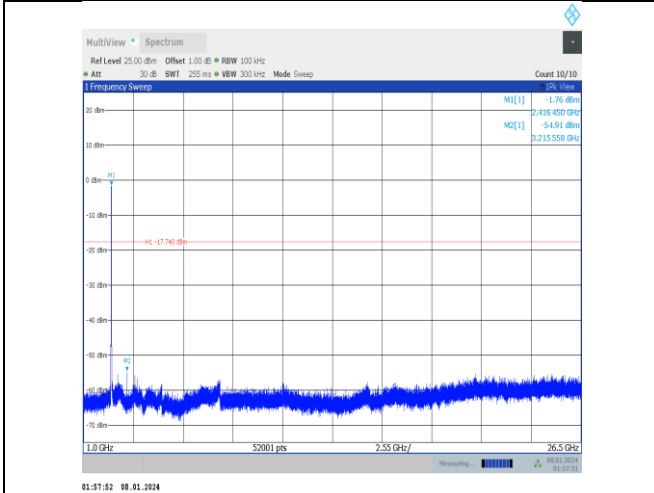
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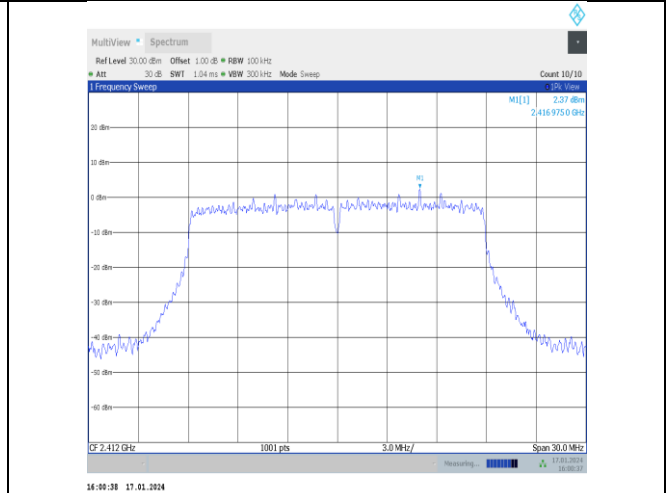
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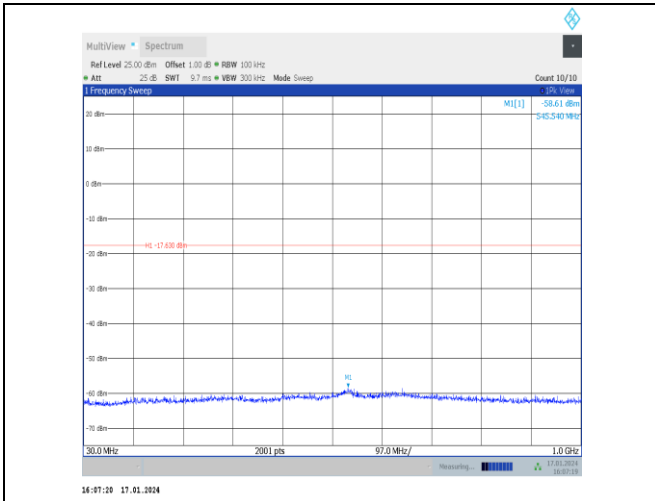
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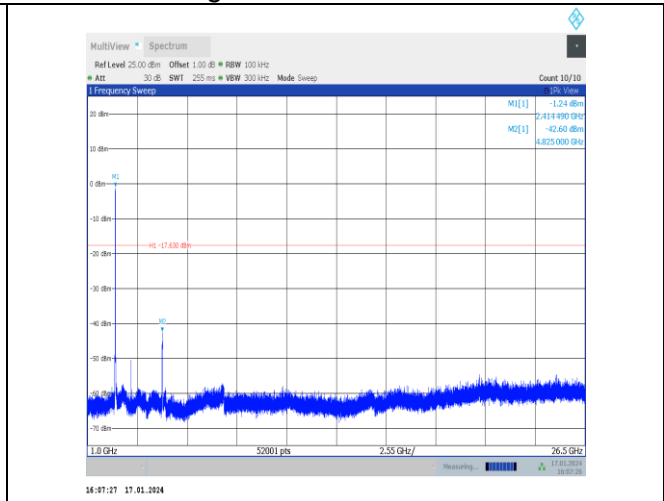
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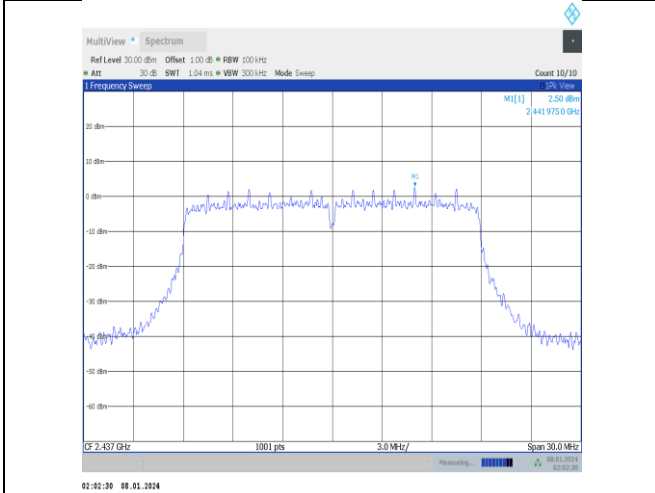
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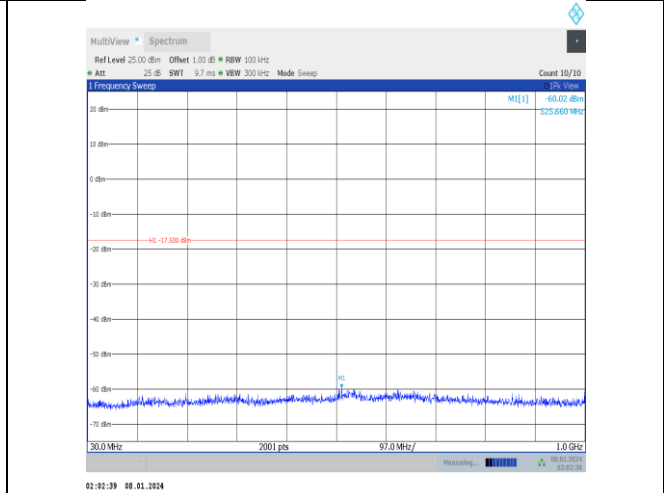
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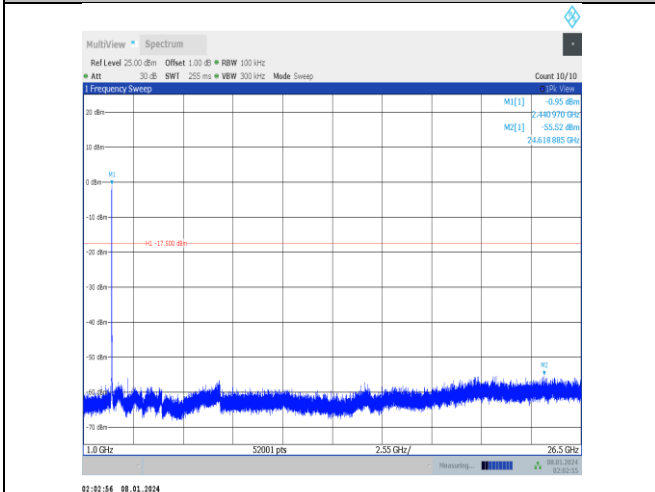
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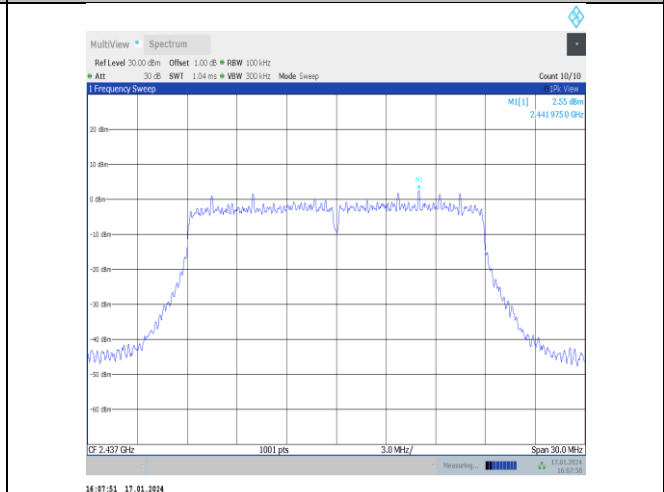
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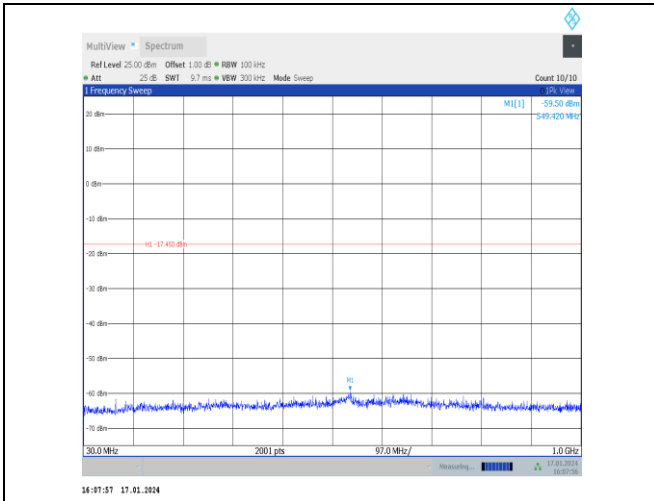


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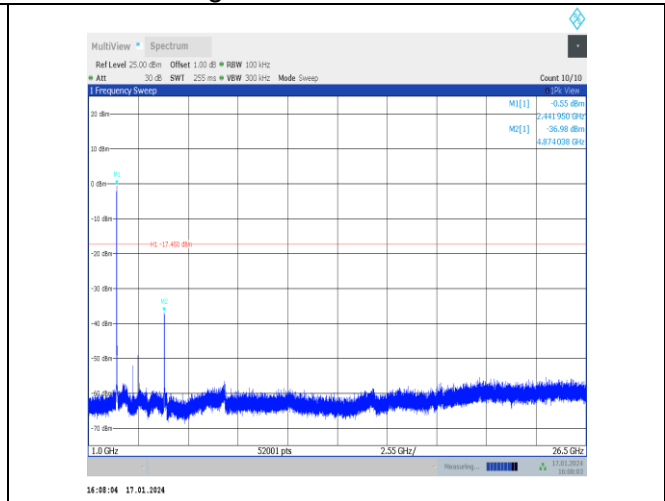
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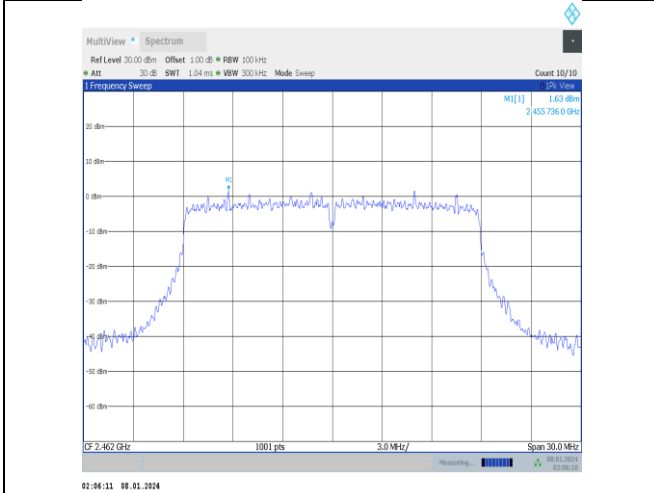
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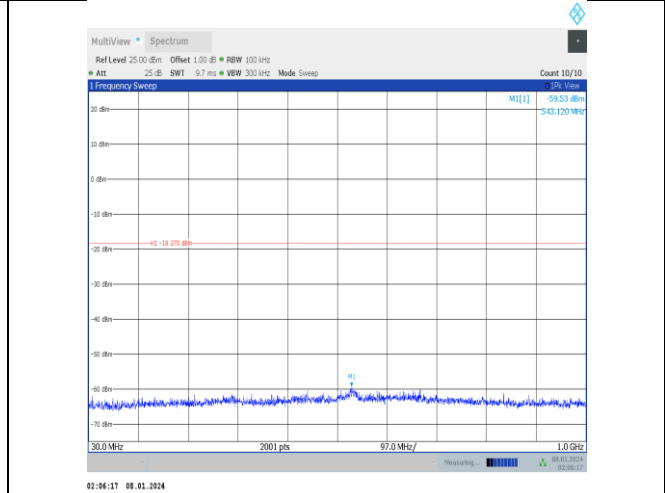
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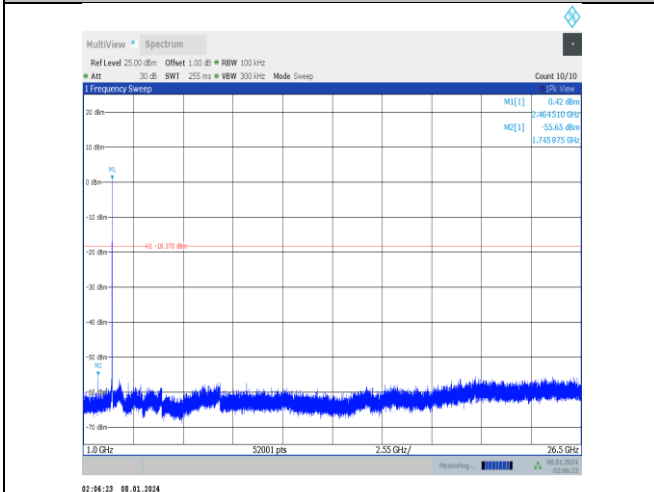
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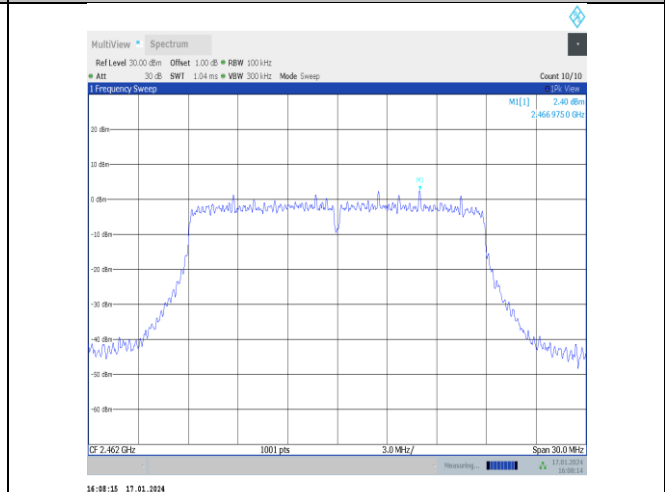
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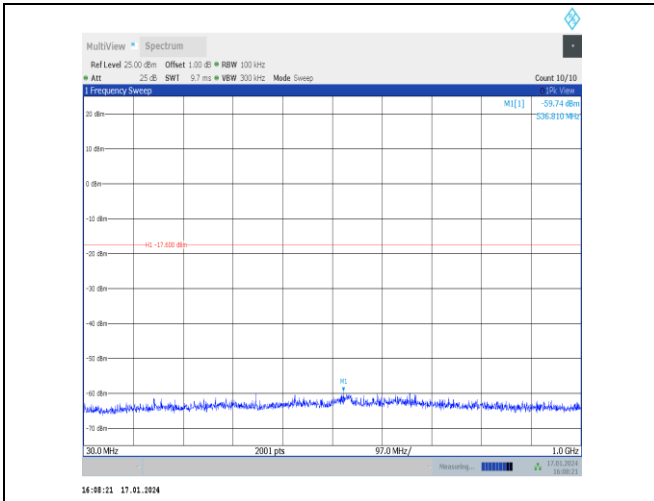


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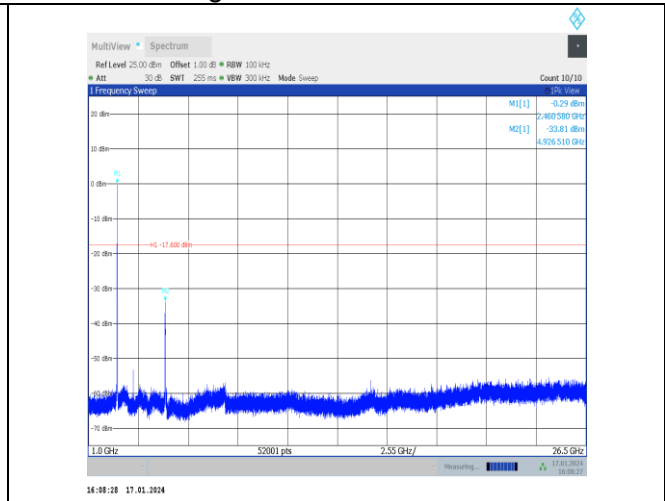
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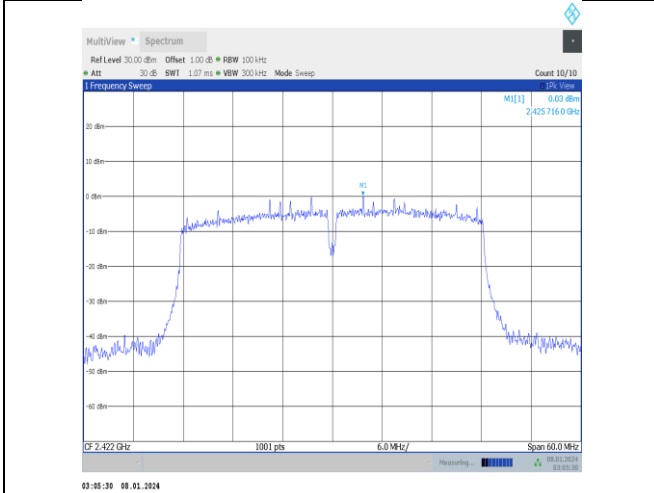




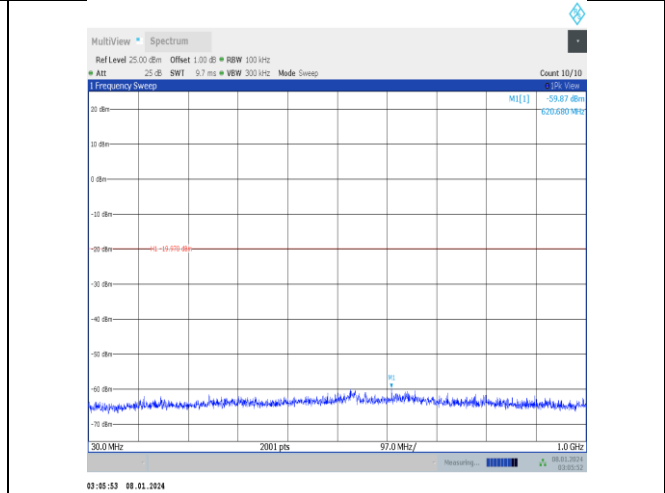
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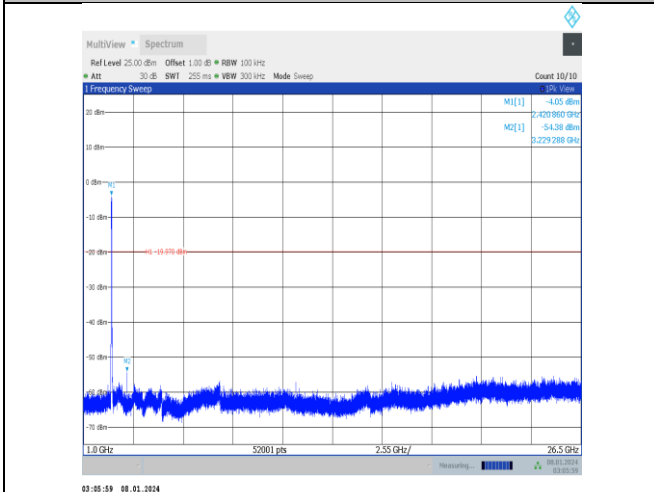
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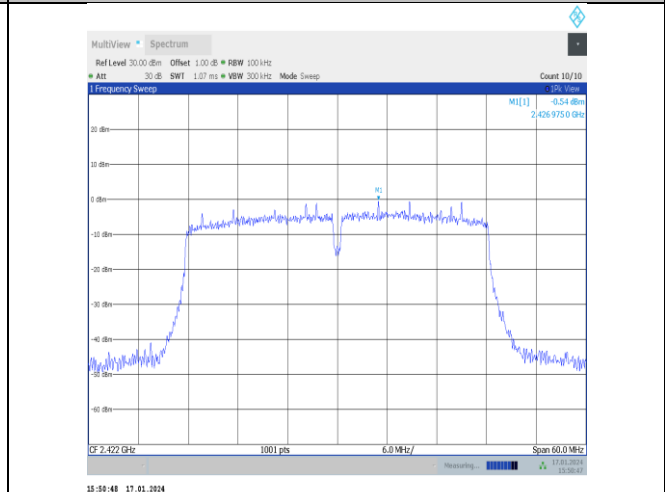
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11n40MIMO-Ant0-2422-30~1000-PASS



11n40MIMO-Ant0-2422-1000~26500-PASS



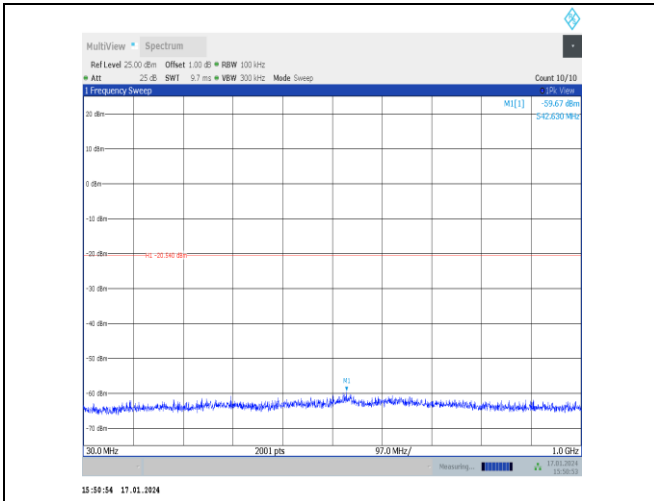
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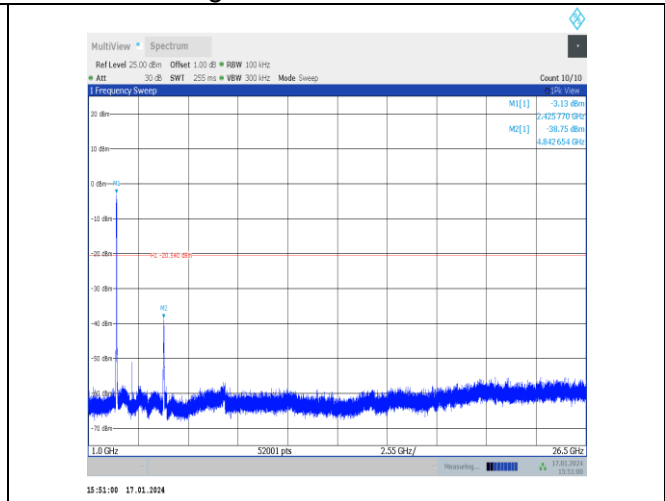
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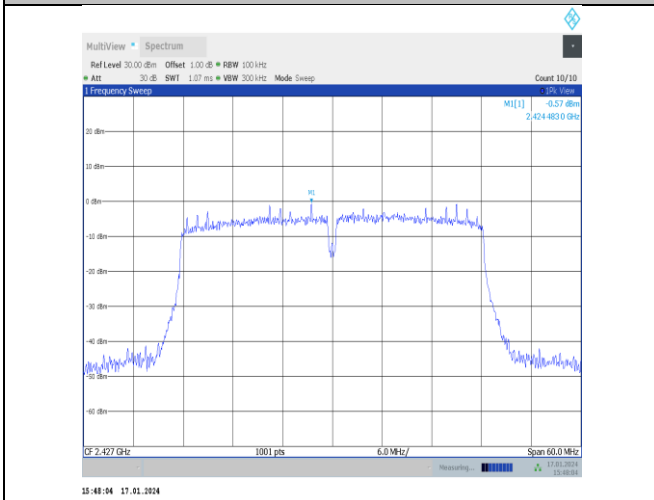
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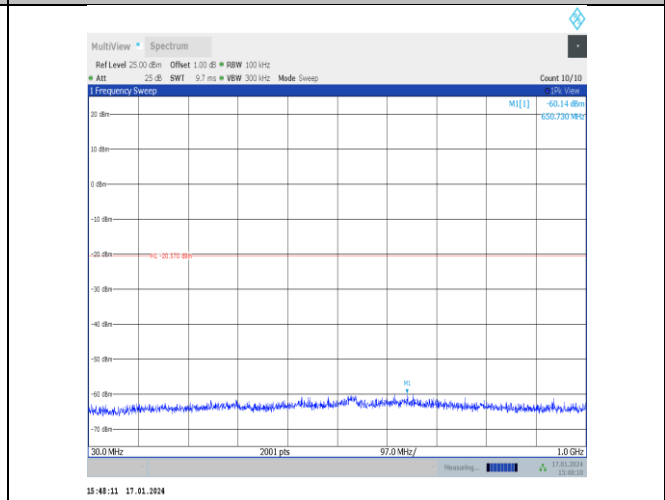
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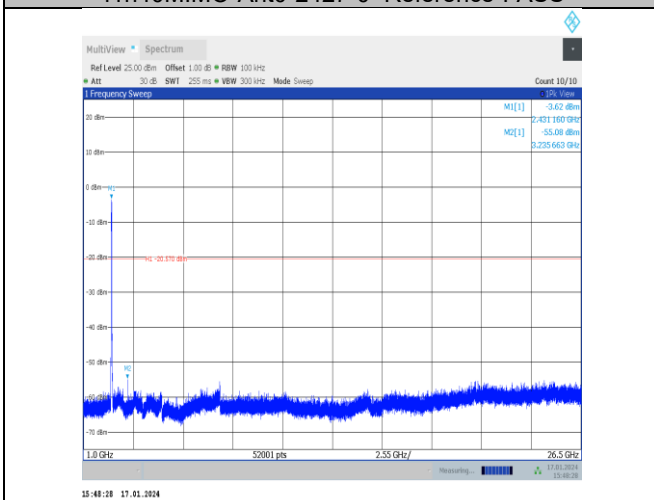
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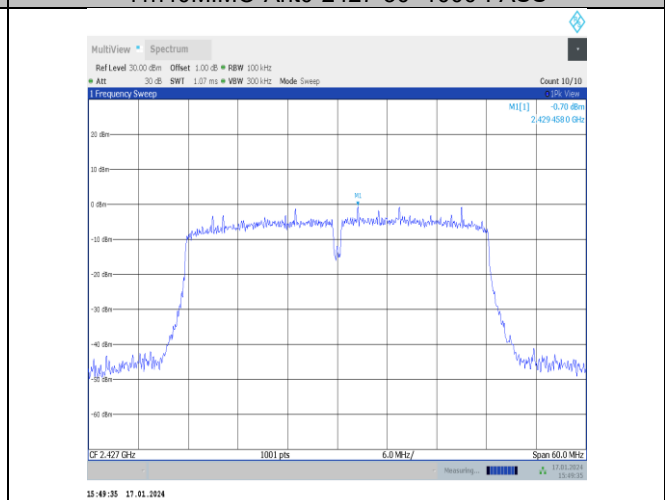
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11n40MIMO-Ant1-2427-0~Reference-PASS

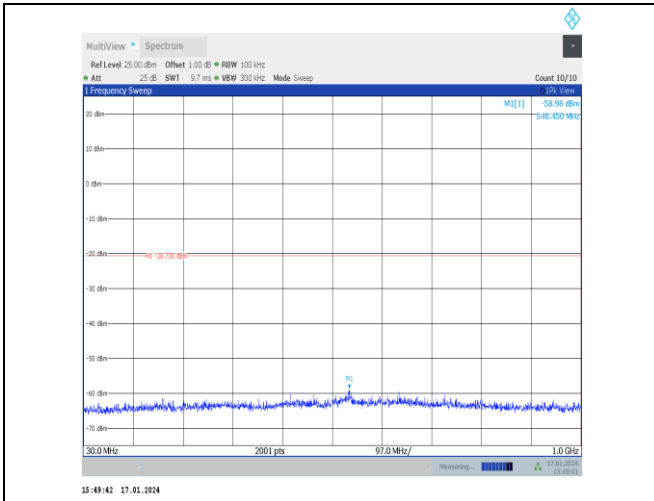


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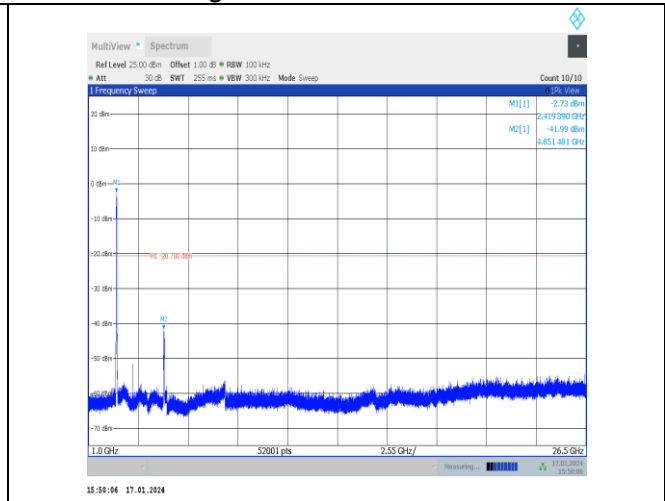
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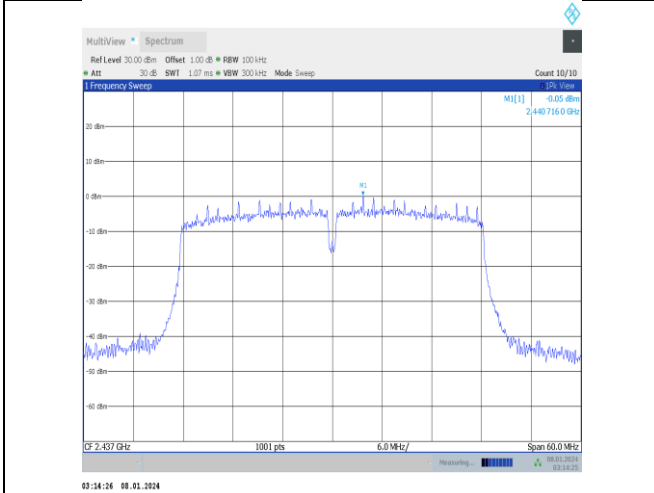
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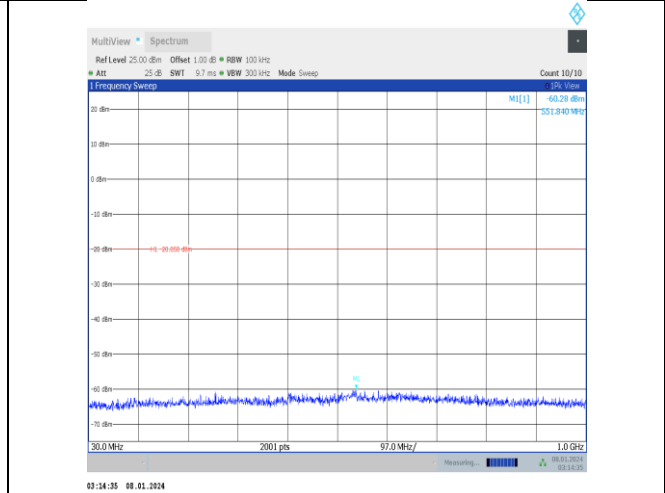
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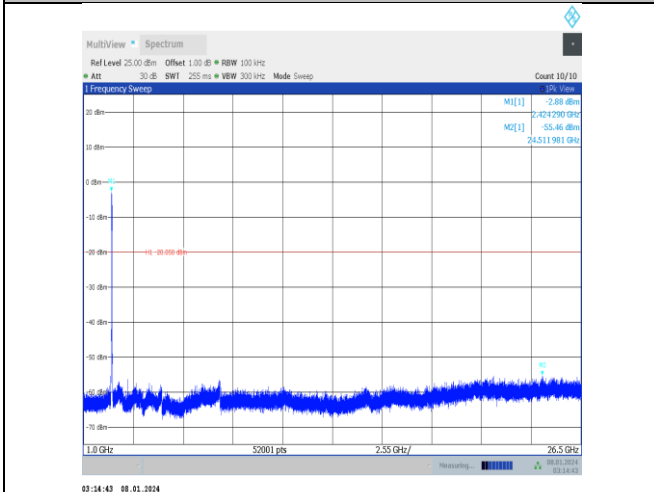
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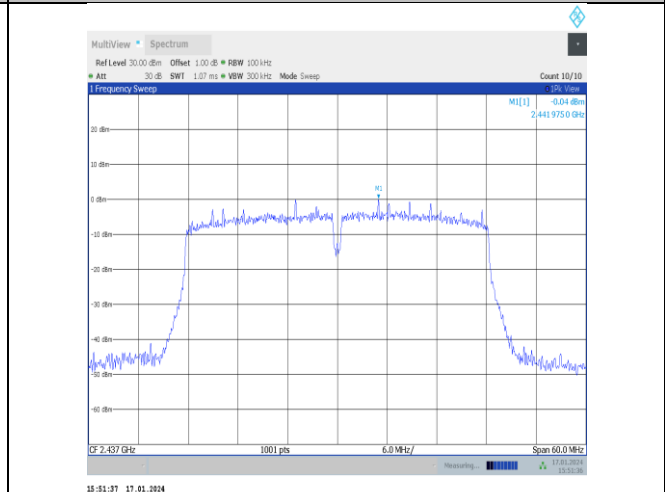
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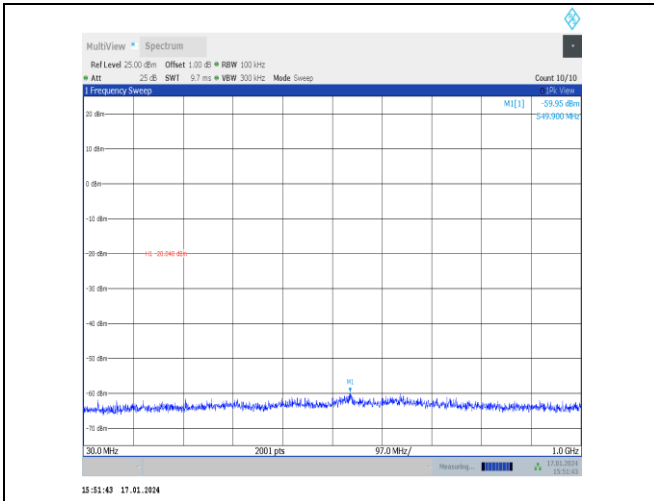


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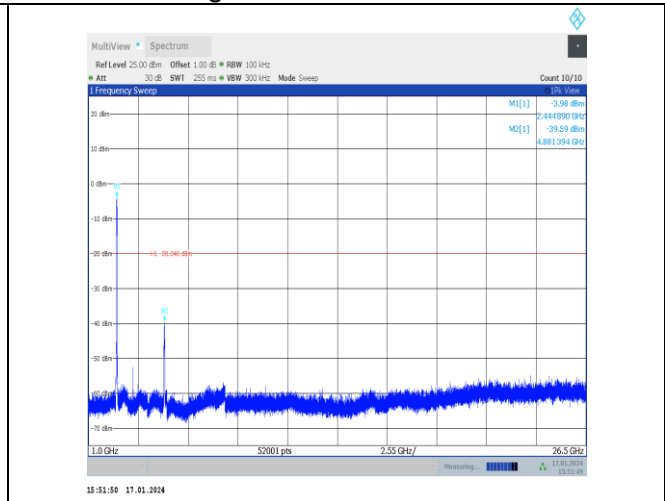
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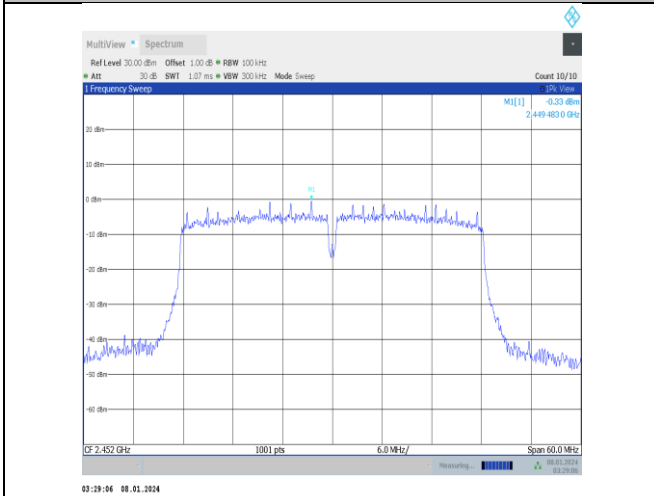
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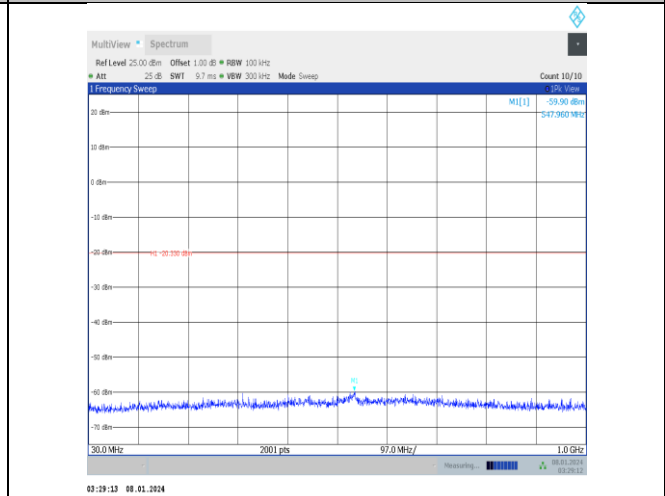
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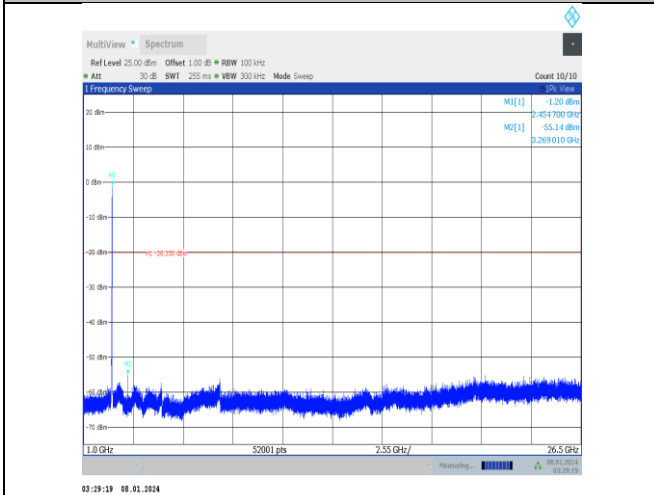
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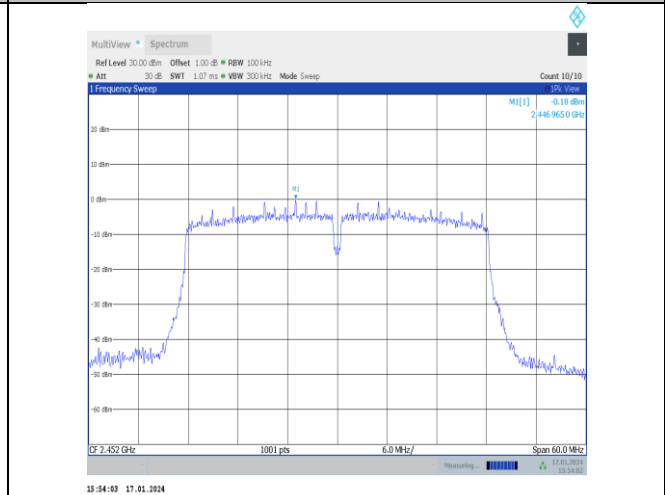
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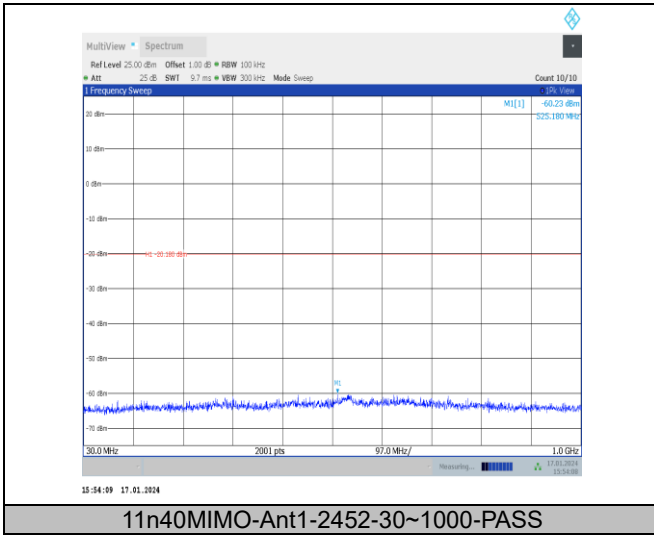


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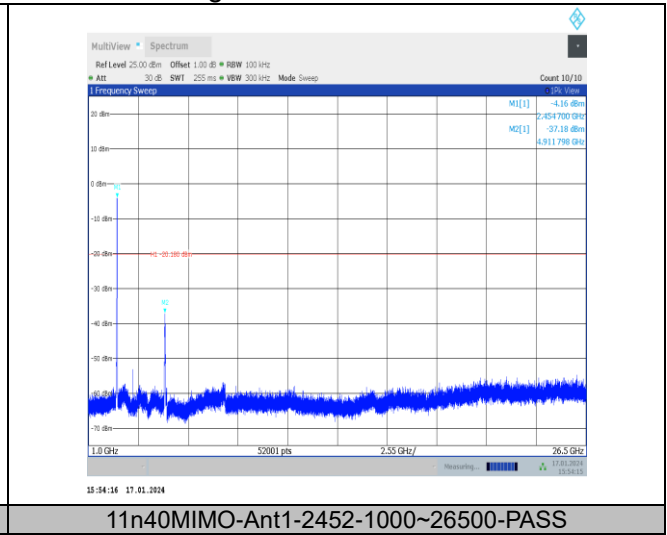


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### Duty Cycle Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11b	Ant0	2412	12.44	12.52	99.36	0.03
11b	Ant1	2412	12.44	12.54	99.20	0.03
11g	Ant0	2412	2.06	2.15	95.81	0.19
11g	Ant1	2412	2.07	2.15	96.28	0.16
11n20MIMO	Ant0	2412	5.00	5.08	98.43	0.07
11n20MIMO	Ant1	2412	5.00	5.08	98.43	0.07
11n40MIMO	Ant0	2422	2.43	2.51	96.81	0.14
11n40MIMO	Ant1	2422	2.43	2.52	96.43	0.16

Note:

Radiated Emission Average VBW = 1 / T

TestMode	T[ms]	Period[ms]	Duty Cycle[%]	1/T[kHz]	VBW Setting
11b-CDD	12.44	12.54	99.20	0.08039	10Hz*
11g-CDD	2.07	2.15	96.28	0.48309	0.51KHz
11n20MIMO	5	5.08	98.43	0.20000	0.22KHz
11n40MIMO	2.43	2.51	96.81	0.41152	0.43KHz

\*Duty cycle > 98% VBW setting=10Hz



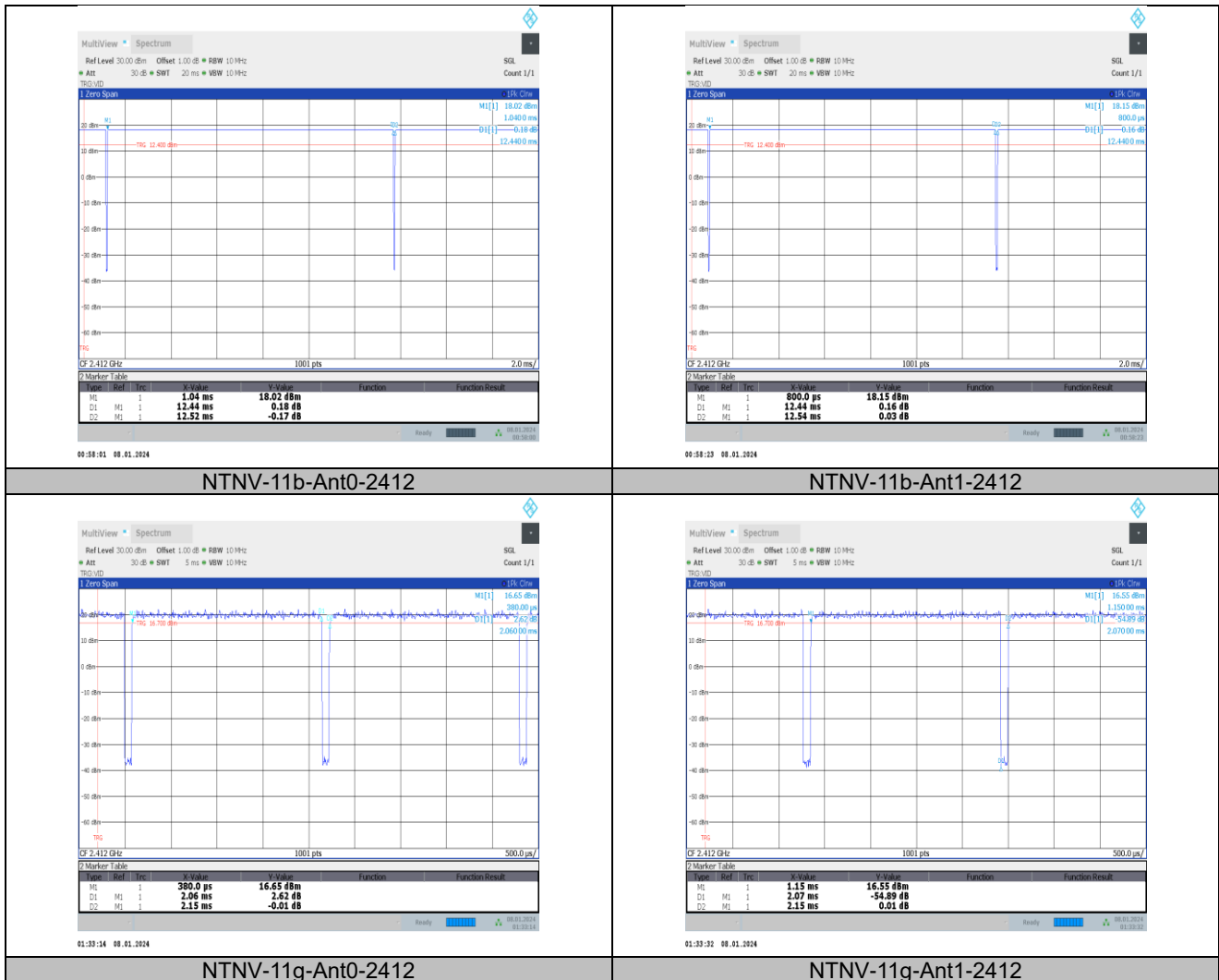
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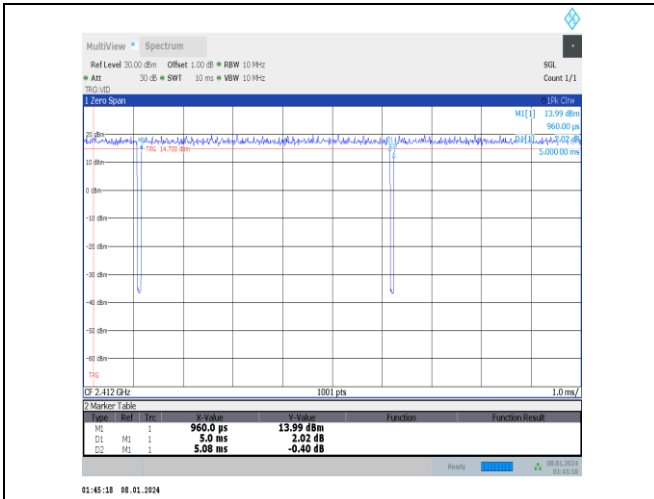
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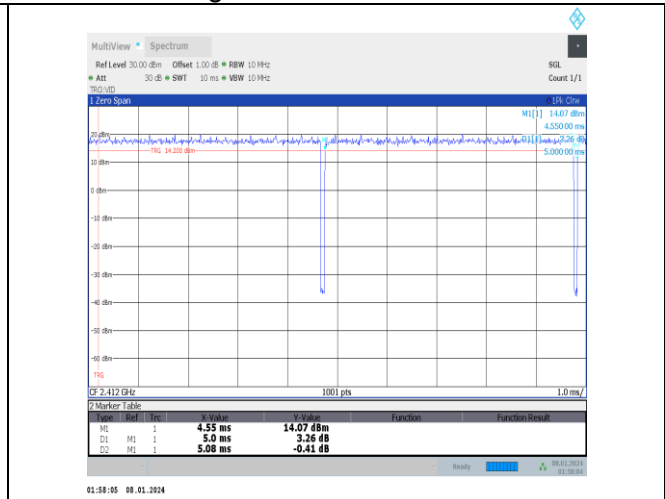
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Test Graphs

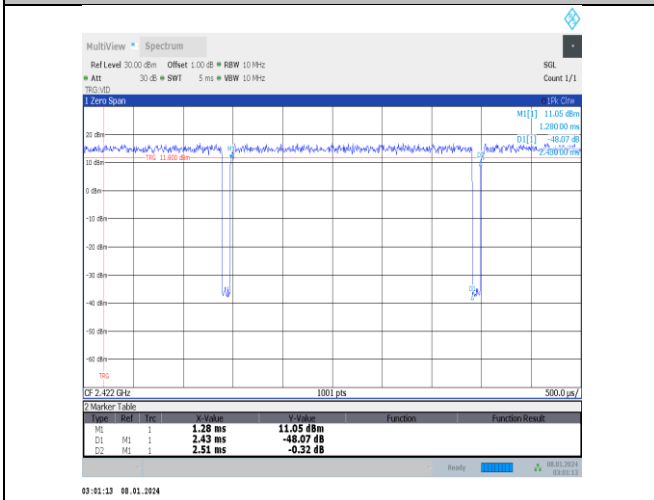




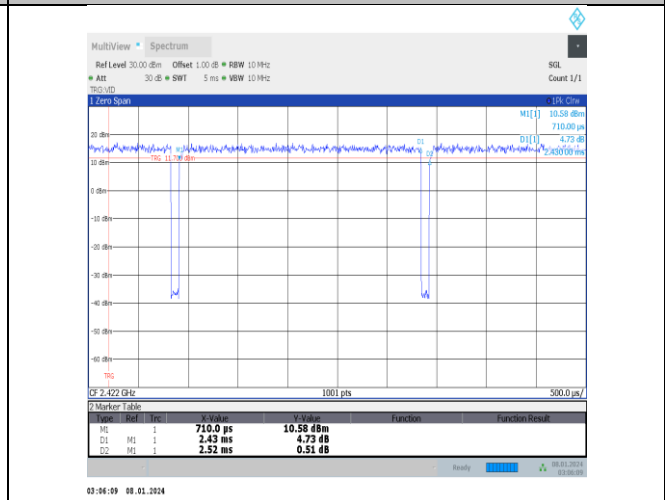
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NTVN-11n20MIMO-Ant1-2412



NTVN-11n40MIMO-Ant0-2422



NTVN-11n40MIMO-Ant1-2422



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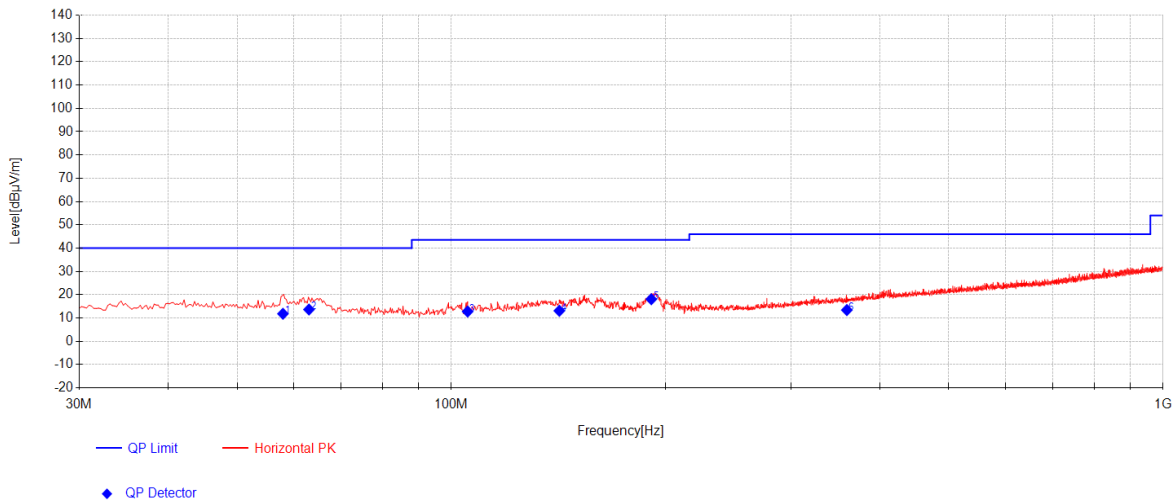


## Radiated Spurious Emissions

### Radiated emission below 1GHz

Worst case Mode: 11b ANT1\_Channel 08

### 11b ANT1\_Channel 08



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Polarity
1	58.0038	26.84	-33.88	18.87	11.83	40.00	28.17	Horizontal
2	63.1012	29.19	-33.82	18.29	13.66	40.00	26.34	Horizontal
3	105.4175	30.24	-33.43	15.99	12.80	43.50	30.70	Horizontal
4	141.8520	27.77	-33.23	18.57	13.11	43.50	30.39	Horizontal
5	190.9898	35.12	-32.81	15.77	18.08	43.50	25.42	Horizontal
6	359.5324	25.04	-31.76	20.15	13.43	46.00	32.57	Horizontal

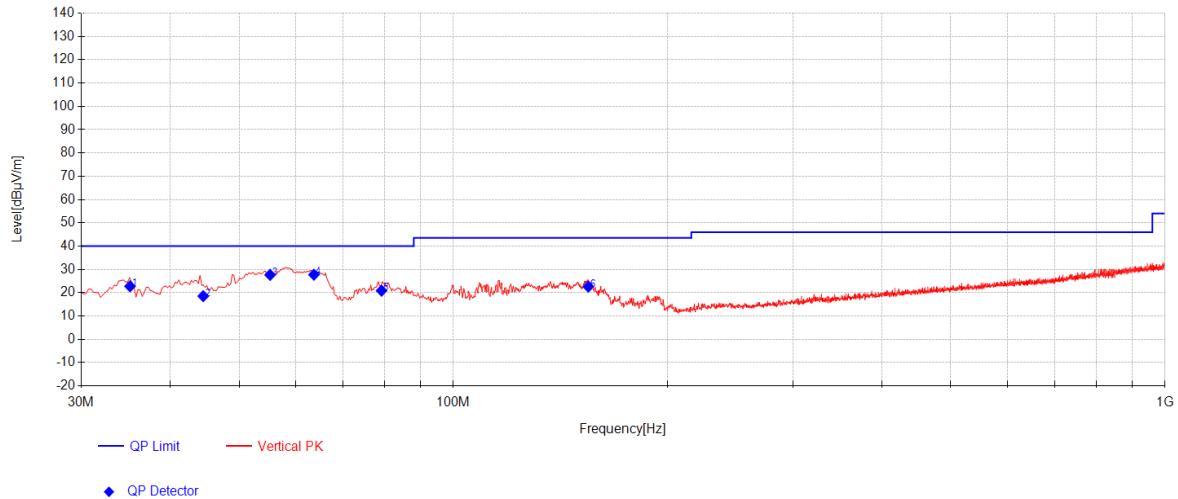


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Polarity
1	35.1385	38.24	-34.00	18.52	22.76	40.00	17.24	Vertical
2	44.5316	33.05	-33.99	19.47	18.53	40.00	21.47	Vertical
3	55.2795	42.58	-33.92	18.99	27.65	40.00	12.35	Vertical
4	63.7024	43.39	-33.82	18.17	27.74	40.00	12.26	Vertical
5	79.2779	39.25	-33.66	15.30	20.89	40.00	19.11	Vertical
6	154.7776	37.36	-33.13	18.37	22.60	43.50	20.90	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:  
 $Value = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$   
 $AF = Antenna\ Factor(dB/m)$   
 $Factor = Cable\ Factor(dB) - Preamplifier\ gain(dB)$   
 $Margin = Limit(dB\mu V/m) - Value(dB\mu V/m)$
- All channels have been tested, but only the worst case data displayed in this report.



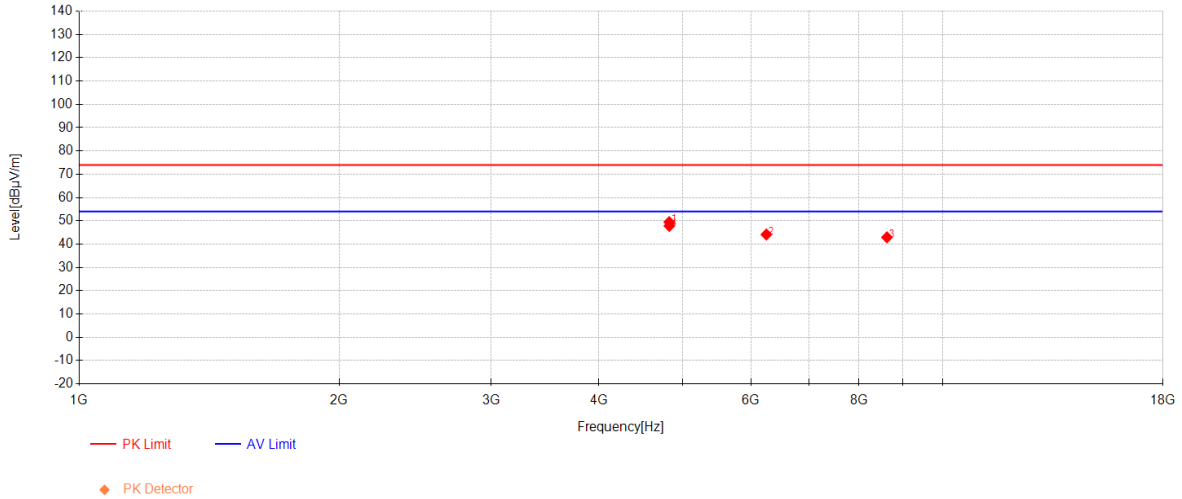
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### Transmitter emission Above 1GHz

#### 802.11b ANT1\_Channel 01



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4824	58.07	32.81	-41.43	49.45	74.00	24.55	Horizontal
2	6250	48.42	35.30	-39.58	44.14	74.00	29.86	Horizontal
3	8621.5	40.73	37.41	-35.22	42.92	74.00	31.08	Horizontal
4	4824.5	56.41	32.81	-41.43	47.80	54.00	6.20	Horizontal



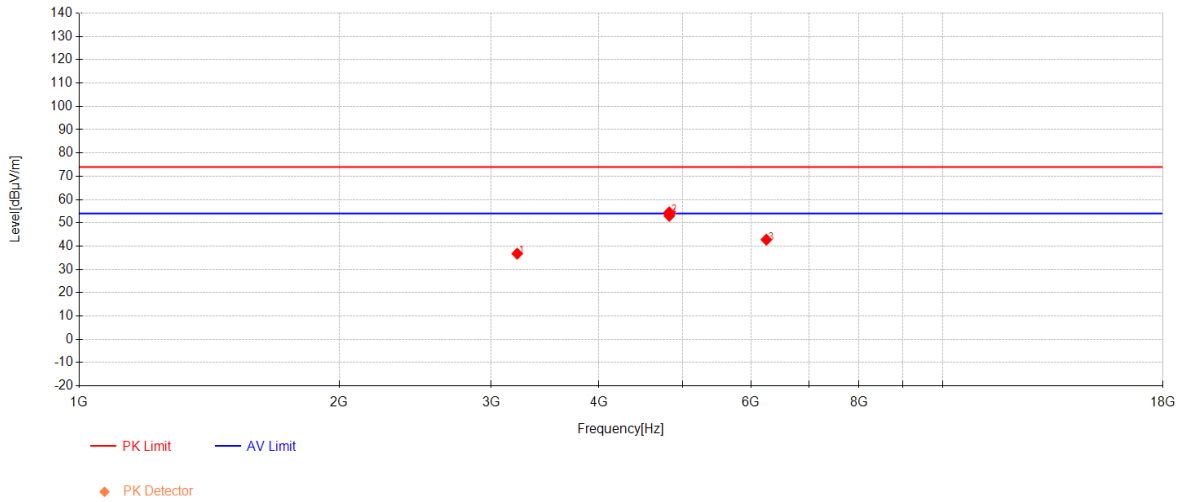
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802.11b ANT1\_Channel 01



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3216	50.46	29.54	-43.24	36.76	74.00	37.24	Vertical
2	4824	63.09	32.81	-41.43	54.47	74.00	19.53	Vertical
3	6250	47.05	35.30	-39.58	42.77	74.00	31.23	Vertical
4	4824.5	61.63	32.81	-41.43	53.02	54.00	0.98	Vertical

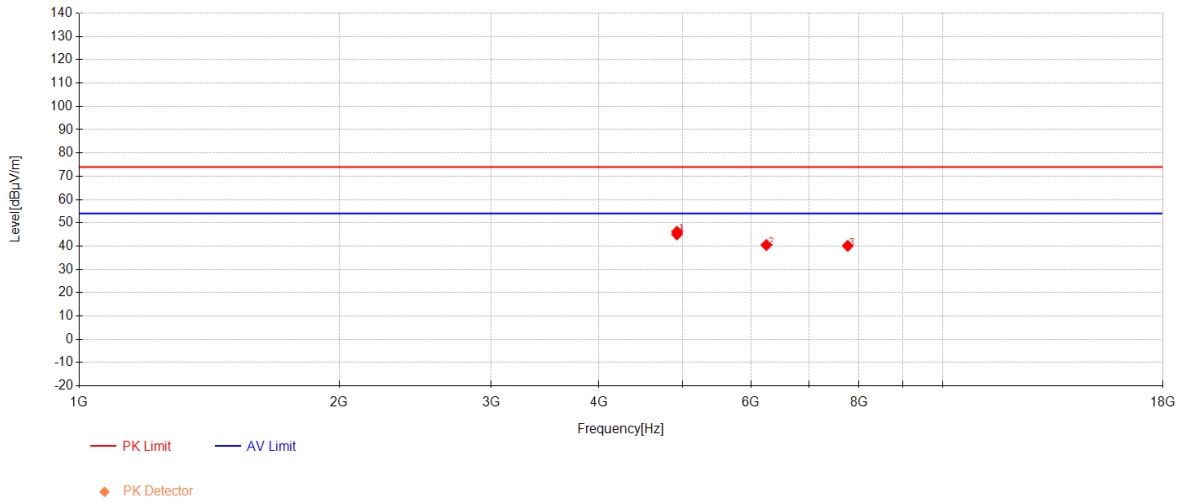


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802.11b ANT1\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4924	54.37	33.03	-41.26	46.14	74.00	27.86	Horizontal
2	6250	44.74	35.30	-39.58	40.46	74.00	33.54	Horizontal
3	7763.5	40.22	36.86	-36.98	40.11	74.00	33.89	Horizontal
4	4924.5	53.28	33.03	-41.27	45.05	54.00	8.95	Horizontal

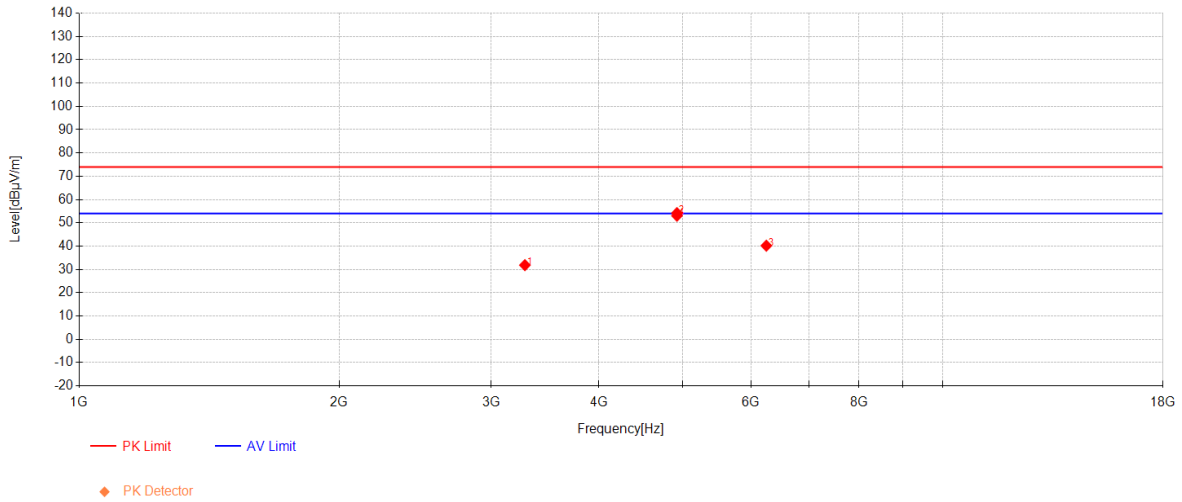


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802.11b ANT1\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3282.5	45.67	29.56	-43.38	31.85	74.00	42.15	Vertical
2	4924	62.42	33.03	-41.26	54.19	74.00	19.81	Vertical
3	6250	44.47	35.30	-39.58	40.19	74.00	33.81	Vertical
4	4924.5	61.28	33.03	-41.27	53.05	54.00	0.95	Vertical

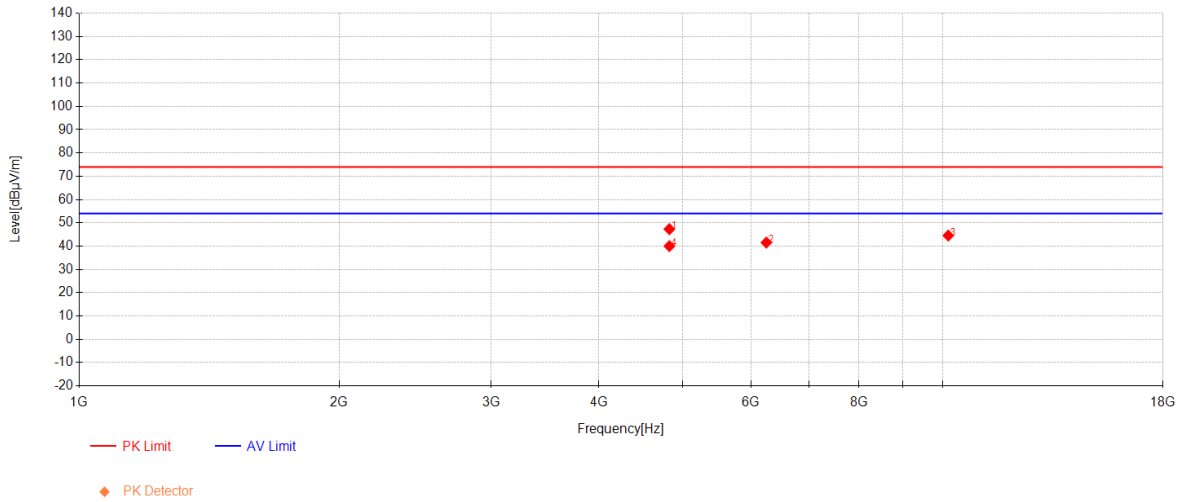


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802.11g ANT1\_Channel 01



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4825	55.91	32.82	-41.43	47.30	74.00	26.70	Horizontal
2	6250	45.81	35.30	-39.58	41.53	74.00	32.47	Horizontal
3	10151.5	38.70	37.98	-32.12	44.55	74.00	29.45	Horizontal
4	4825.5	48.63	32.82	-41.42	40.02	54.00	13.98	Horizontal

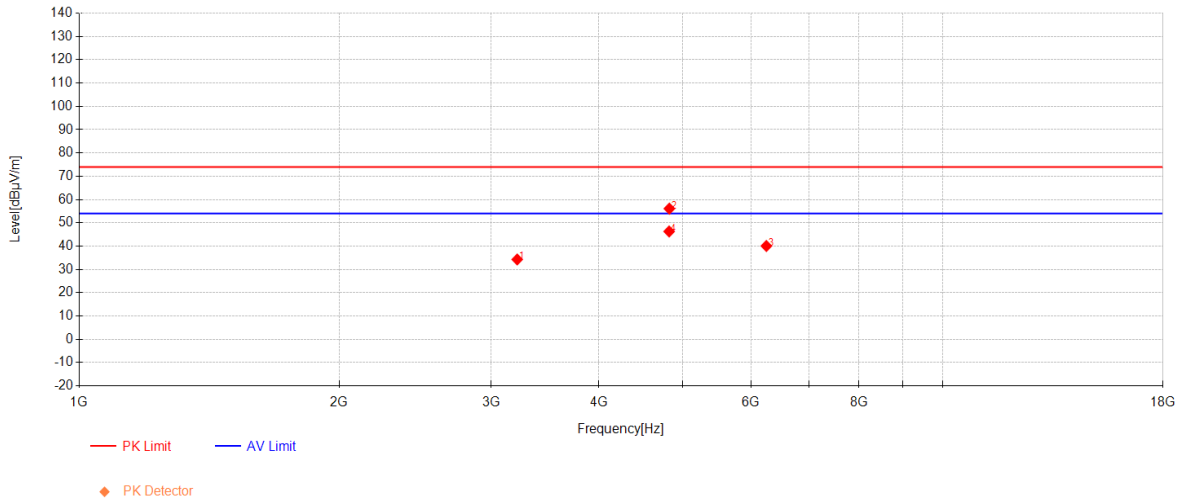


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802.11g ANT1\_Channel 01



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3216	47.98	29.54	-43.24	34.28	74.00	39.72	Vertical
2	4826	64.70	32.82	-41.42	56.10	74.00	17.90	Vertical
3	6250	44.34	35.30	-39.58	40.06	74.00	33.94	Vertical
4	4822.5	54.91	32.81	-41.43	46.29	54.00	7.71	Vertical



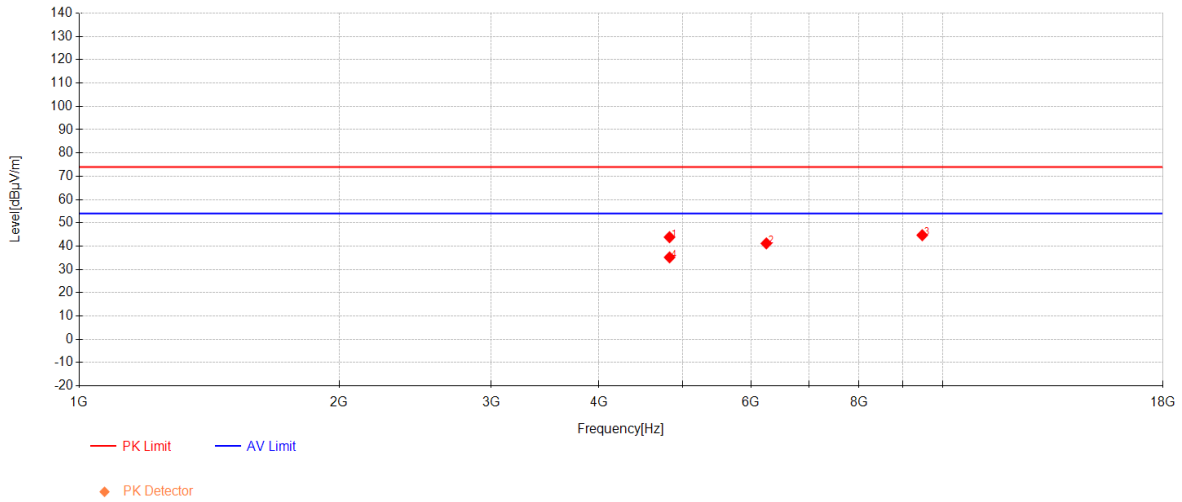
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802.11n20 MIMO\_Channel 01



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4827.5	52.45	32.82	-41.42	43.85	74.00	30.15	Horizontal
2	6250	45.46	35.30	-39.58	41.18	74.00	32.82	Horizontal
3	9471.5	40.79	37.74	-33.84	44.69	74.00	29.31	Horizontal
4	4828	43.78	32.82	-41.42	35.19	54.00	18.81	Horizontal

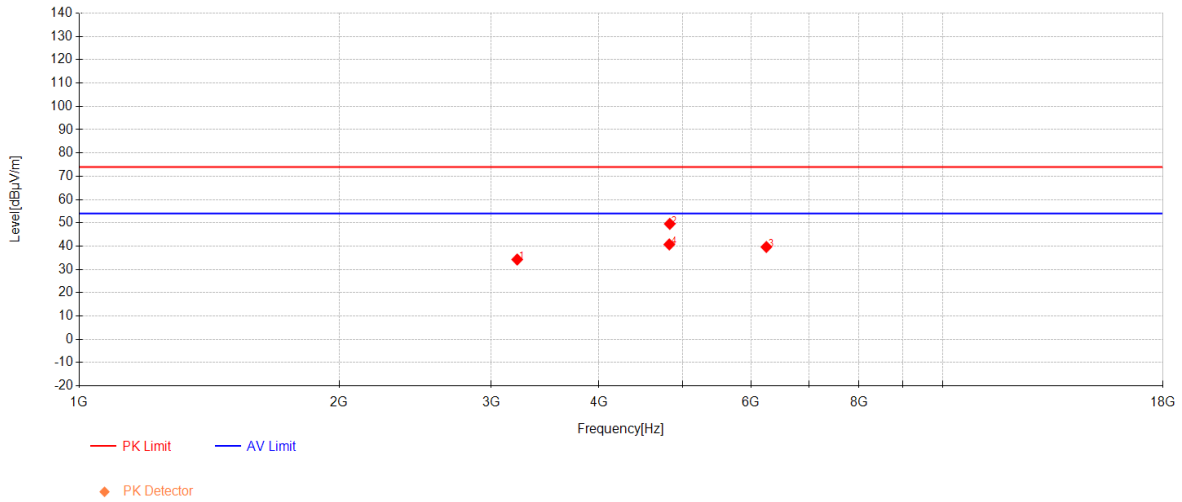


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802.11n20 MIMO\_Channel 01



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3216	47.95	29.54	-43.24	34.25	74.00	39.75	Vertical
2	4830.5	58.14	32.83	-41.41	49.56	74.00	24.44	Vertical
3	6250	43.92	35.30	-39.58	39.64	74.00	34.36	Vertical
4	4824.5	49.34	32.81	-41.43	40.73	54.00	13.27	Vertical

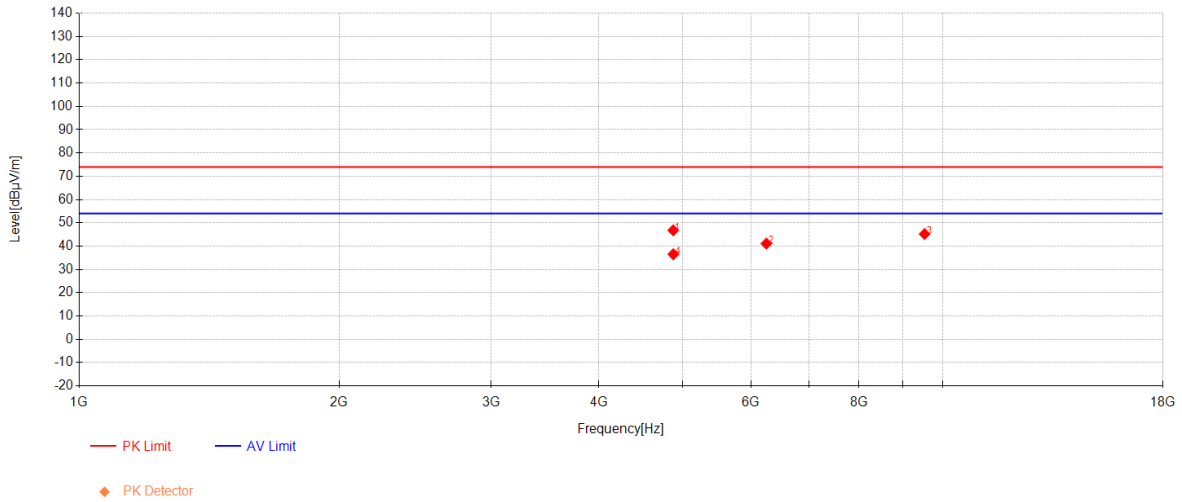


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802.11n20 MIMO\_Channel 06



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4875.5	55.12	32.93	-41.27	46.77	74.00	27.23	Horizontal
2	6250	45.36	35.30	-39.58	41.08	74.00	32.92	Horizontal
3	9530	41.20	37.76	-33.76	45.20	74.00	28.80	Horizontal
4	4876.5	44.84	32.93	-41.27	36.50	54.00	17.50	Horizontal

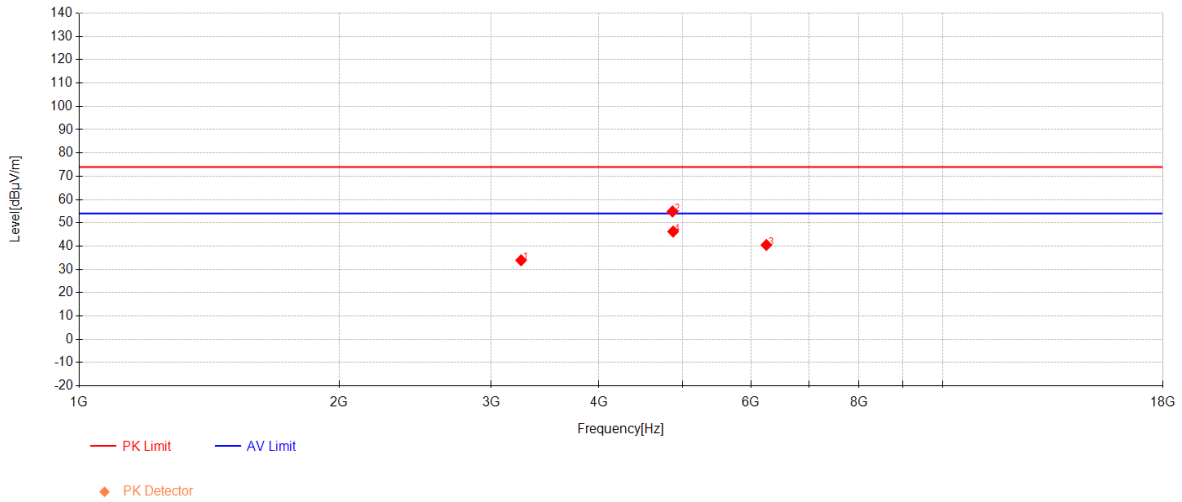


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802.11n20 MIMO\_Channel 06



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3249.5	47.68	29.55	-43.31	33.92	74.00	40.08	Vertical
2	4866	63.30	32.91	-41.30	54.90	74.00	19.10	Vertical
3	6250	44.78	35.30	-39.58	40.50	74.00	33.50	Vertical
4	4874.5	54.61	32.92	-41.28	46.26	54.00	7.74	Vertical

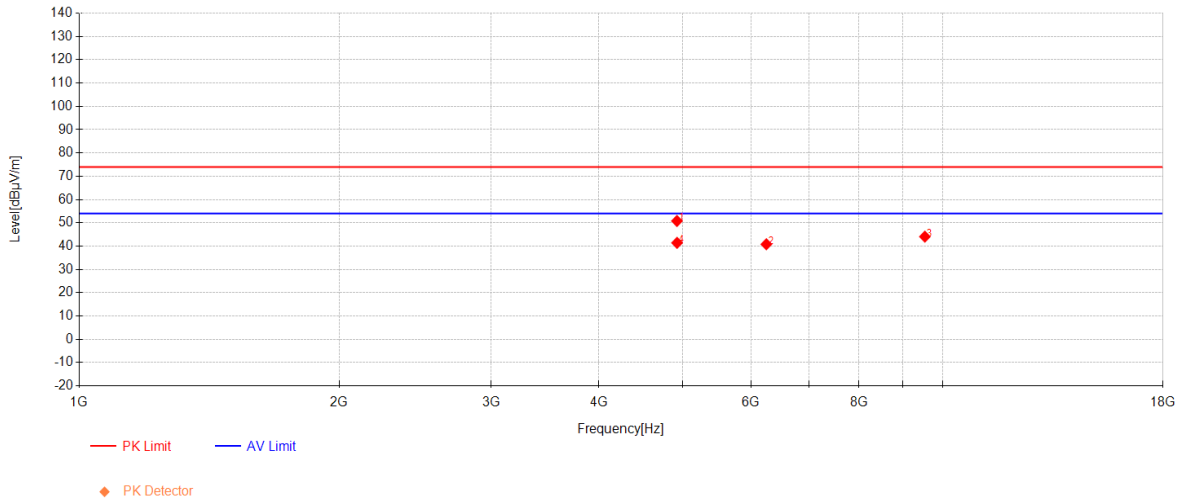


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802.11n20 MIMO\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4924	59.03	33.03	-41.26	50.80	74.00	23.20	Horizontal
2	6250	45.09	35.30	-39.58	40.81	74.00	33.19	Horizontal
3	9538	40.05	37.76	-33.73	44.08	74.00	29.92	Horizontal
4	4925.5	49.64	33.04	-41.27	41.41	54.00	12.59	Horizontal

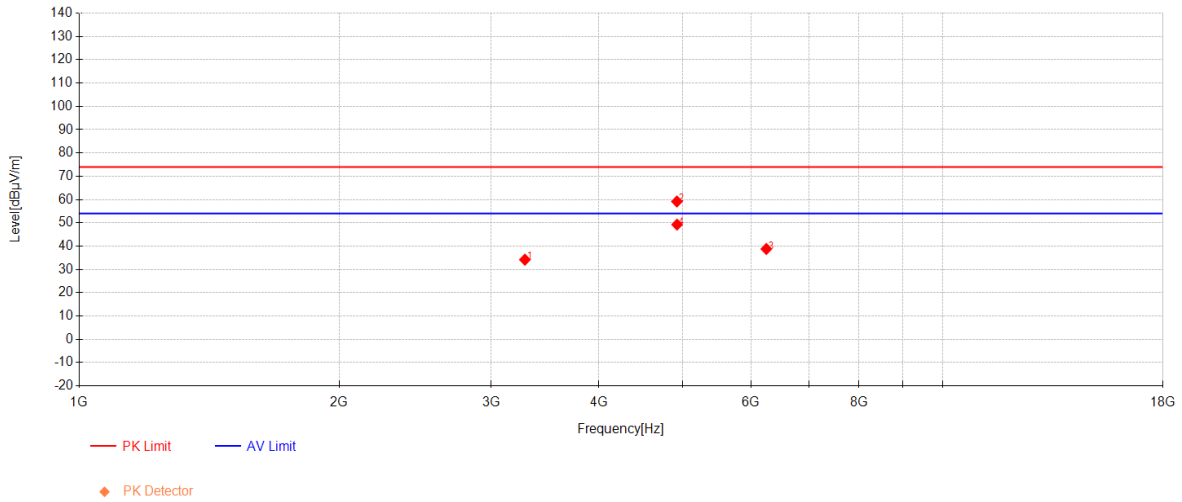


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802.11n20 MIMO\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	3282.5	48.01	29.56	-43.38	34.19	74.00	39.81	Vertical
2	4923.5	67.40	33.03	-41.26	59.17	74.00	14.83	Vertical
3	6250	43.07	35.30	-39.58	38.79	74.00	35.21	Vertical
4	4925.5	57.47	33.04	-41.27	49.24	54.00	4.76	Vertical

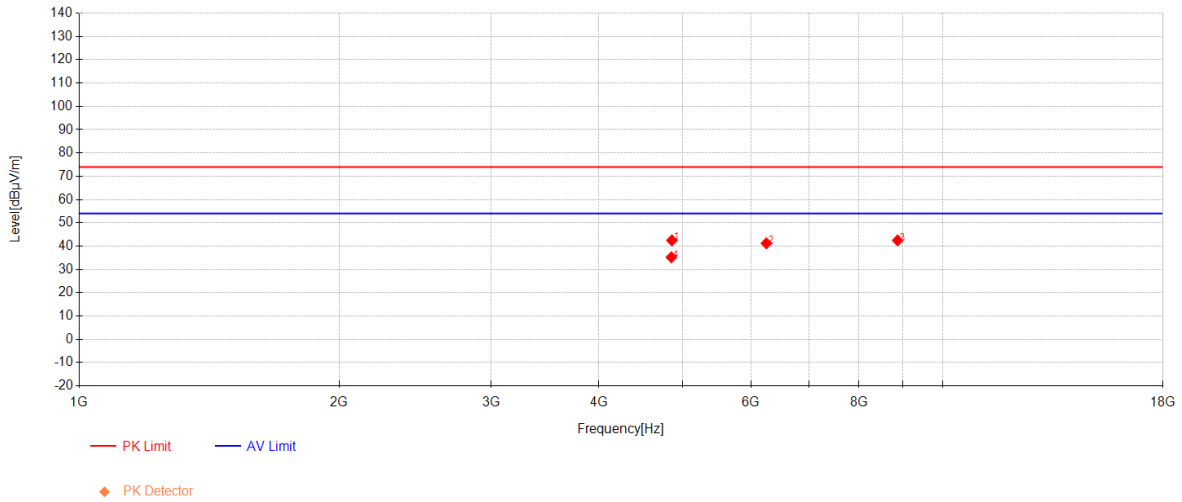


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802.11n40 MIMO\_Channel 03



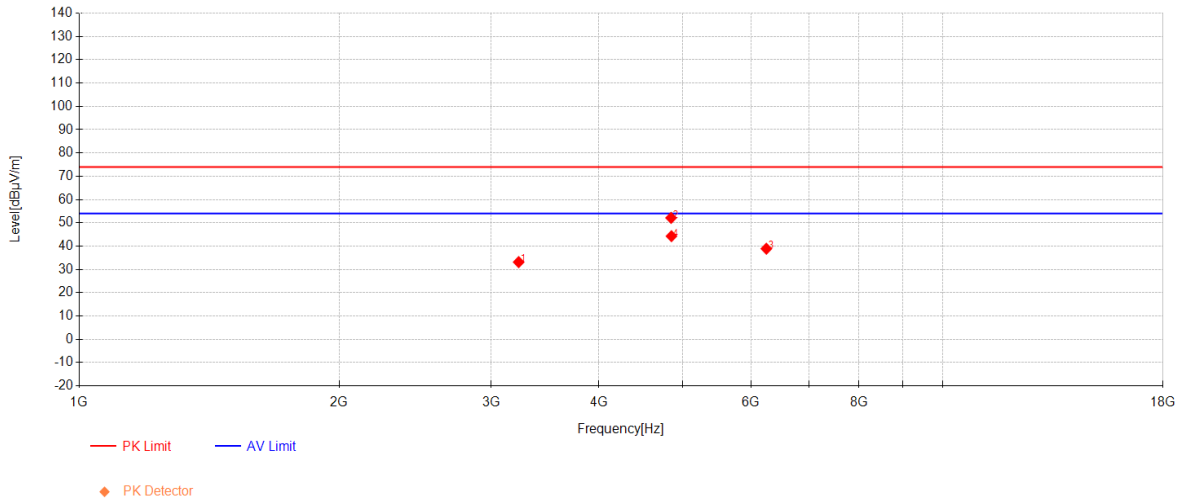
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4858.5	50.92	32.89	-41.32	42.48	74.00	31.52	Horizontal
2	6250	45.49	35.30	-39.58	41.21	74.00	32.79	Horizontal
3	8869.5	39.90	37.53	-34.98	42.46	74.00	31.54	Horizontal
4	4851.5	43.69	32.87	-41.35	35.22	54.00	18.78	Horizontal



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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]	Polarity
1	3229	46.87	29.55	-43.27	33.15	74.00	40.85	Vertical
2	4848	60.62	32.87	-41.36	52.13	74.00	21.87	Vertical
3	6250	43.17	35.30	-39.58	38.89	74.00	35.11	Vertical
4	4852.5	52.74	32.88	-41.34	44.27	54.00	9.73	Vertical



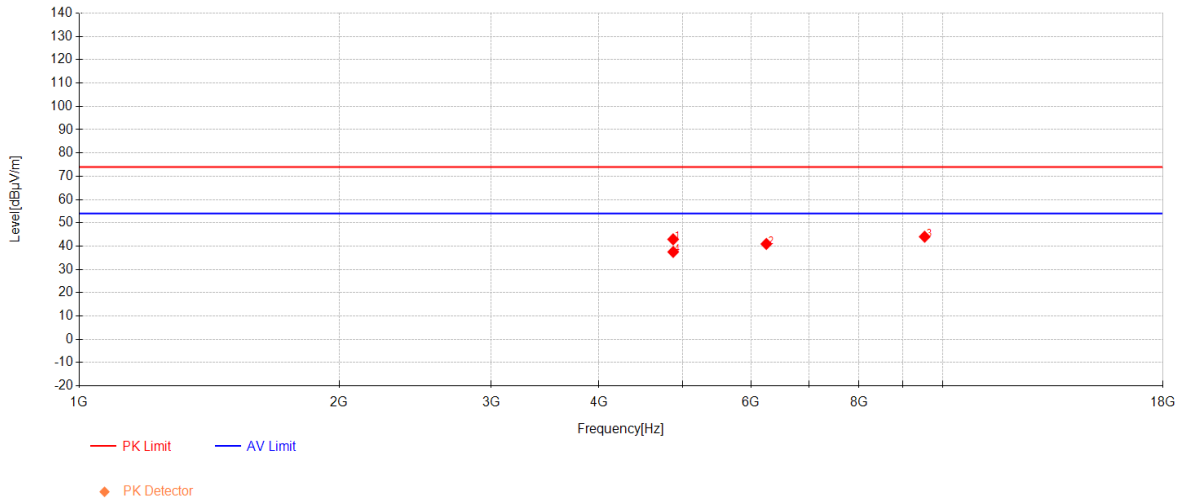
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802.11n40 MIMO\_Channel 06



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4874	51.29	32.92	-41.28	42.93	74.00	31.07	Horizontal
2	6250	45.23	35.30	-39.58	40.95	74.00	33.05	Horizontal
3	9532	40.03	37.76	-33.76	44.03	74.00	29.97	Horizontal
4	4875	45.85	32.93	-41.28	37.50	54.00	16.50	Horizontal

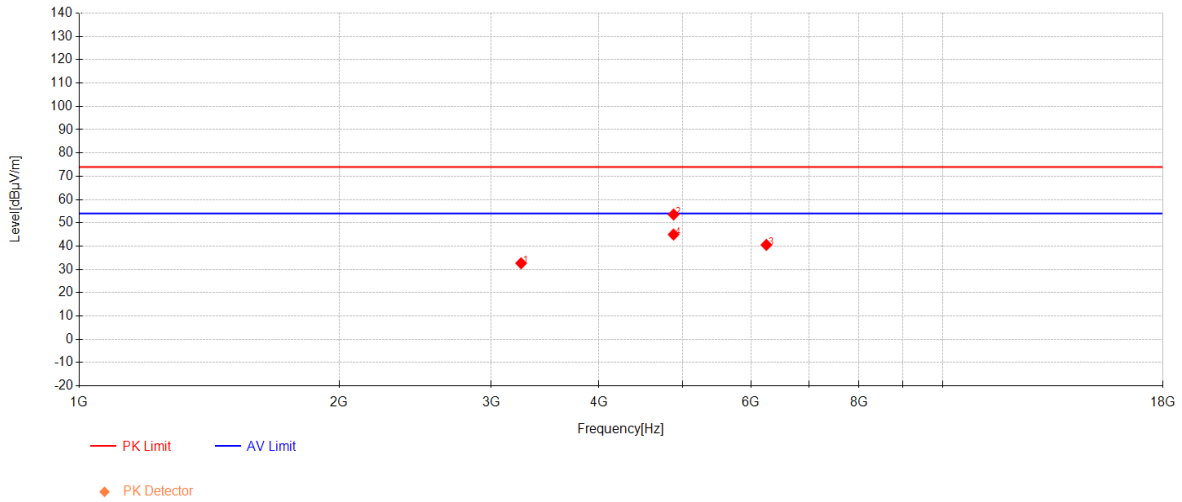


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802.11n40 MIMO\_Channel 06



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3249.5	46.40	29.55	-43.31	32.64	74.00	41.36	Vertical
2	4880.5	61.90	32.94	-41.26	53.58	74.00	20.42	Vertical
3	6250	44.81	35.30	-39.58	40.53	74.00	33.47	Vertical
4	4879.5	53.30	32.93	-41.26	44.97	54.00	9.03	Vertical

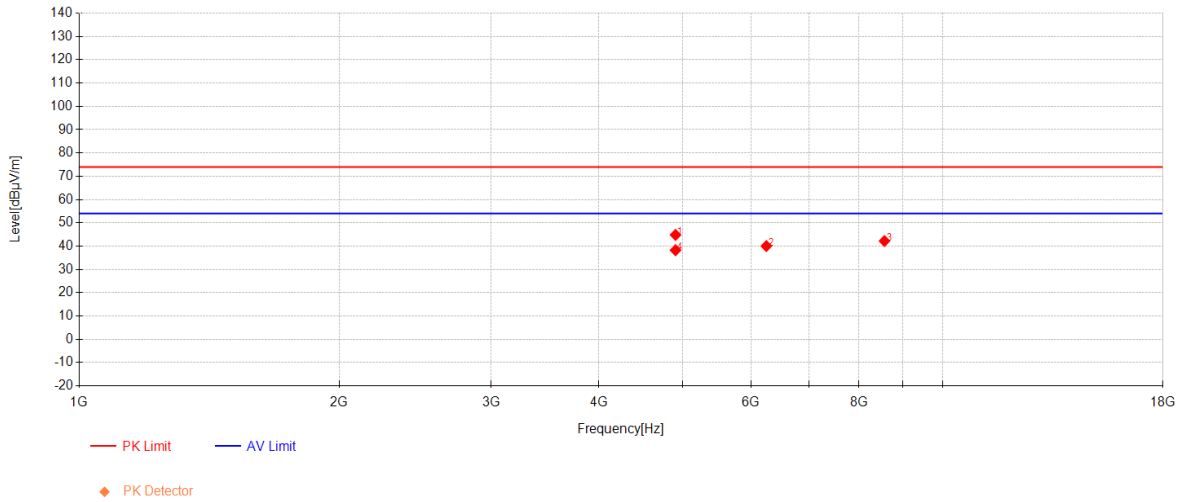


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802.11n40 MIMO\_Channel 09



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4905	53.05	32.99	-41.21	44.83	74.00	29.17	Horizontal
2	6250	44.33	35.30	-39.58	40.05	74.00	33.95	Horizontal
3	8563.5	40.13	37.38	-35.31	42.20	74.00	31.80	Horizontal
4	4905	46.47	32.99	-41.21	38.25	54.00	15.75	Horizontal

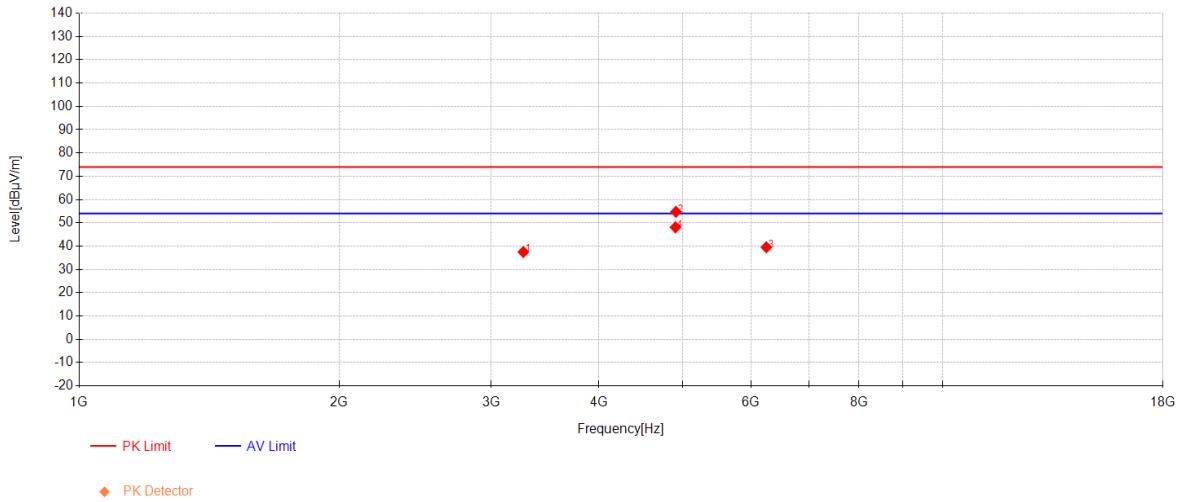


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802.11n40 MIMO\_Channel 09



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3269.5	51.28	29.55	-43.35	37.48	74.00	36.52	Vertical
2	4910.5	62.96	33.00	-41.23	54.73	74.00	19.27	Vertical
3	6250	43.81	35.30	-39.58	39.53	74.00	34.47	Vertical
4	4904.5	56.29	32.99	-41.21	48.07	54.00	5.93	Vertical

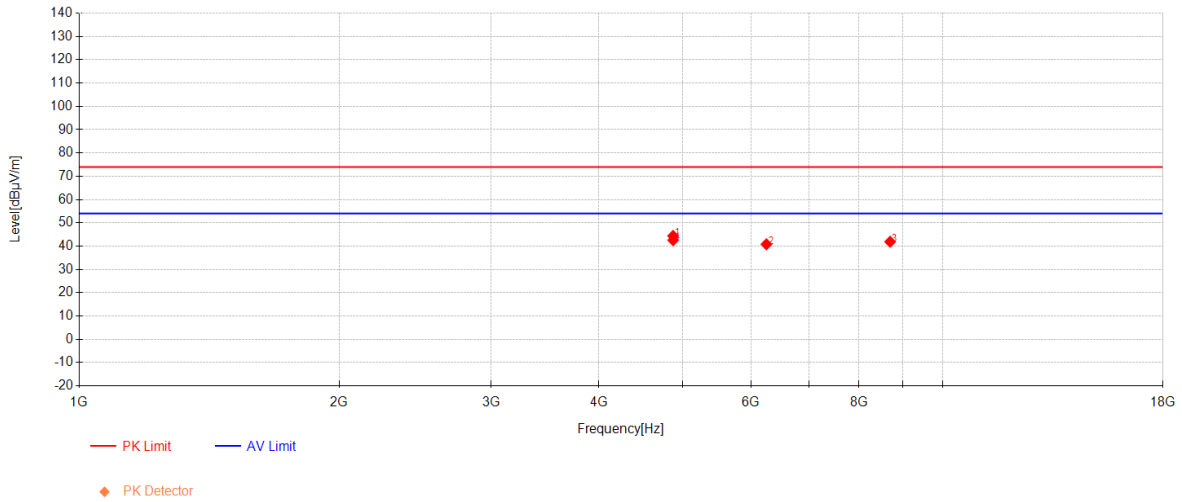


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802.11b ANT1\_Channel 06



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4874	52.75	32.92	-41.28	44.39	74.00	29.61	Horizontal
2	6250	45.08	35.30	-39.58	40.80	74.00	33.20	Horizontal
3	8693	39.84	37.45	-35.41	41.88	74.00	32.12	Horizontal
4	4874.5	50.90	32.92	-41.28	42.55	54.00	11.45	Horizontal

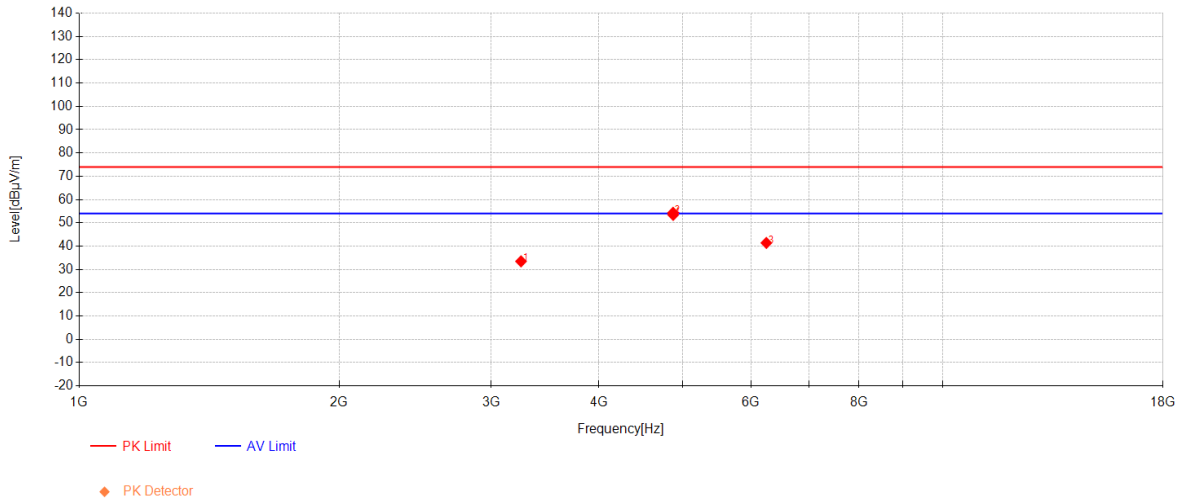


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802.11b ANT1\_Channel 06



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3249	47.23	29.55	-43.31	33.47	74.00	40.53	Vertical
2	4874	62.68	32.92	-41.28	54.32	74.00	19.68	Vertical
3	6250	45.65	35.30	-39.58	41.37	74.00	32.63	Vertical
4	4874.5	61.76	32.92	-41.28	53.41	54.00	0.59	Vertical

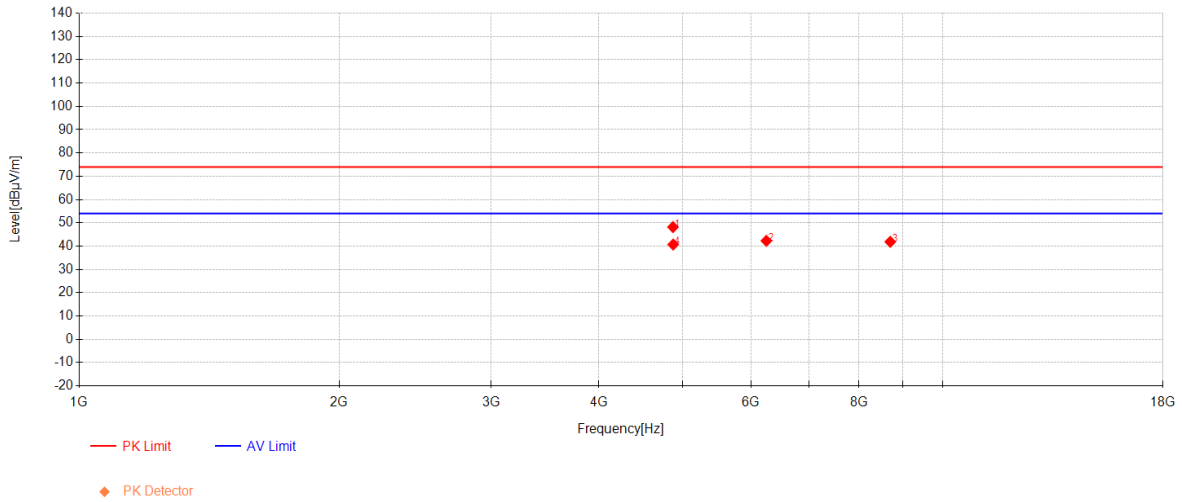


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802.11g ANT1\_Channel 06



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4872	56.55	32.92	-41.28	48.18	74.00	25.82	Horizontal
2	6250	46.56	35.30	-39.58	42.28	74.00	31.72	Horizontal
3	8696.5	39.82	37.45	-35.42	41.85	74.00	32.15	Horizontal
4	4875	49.03	32.93	-41.28	40.68	54.00	13.32	Horizontal

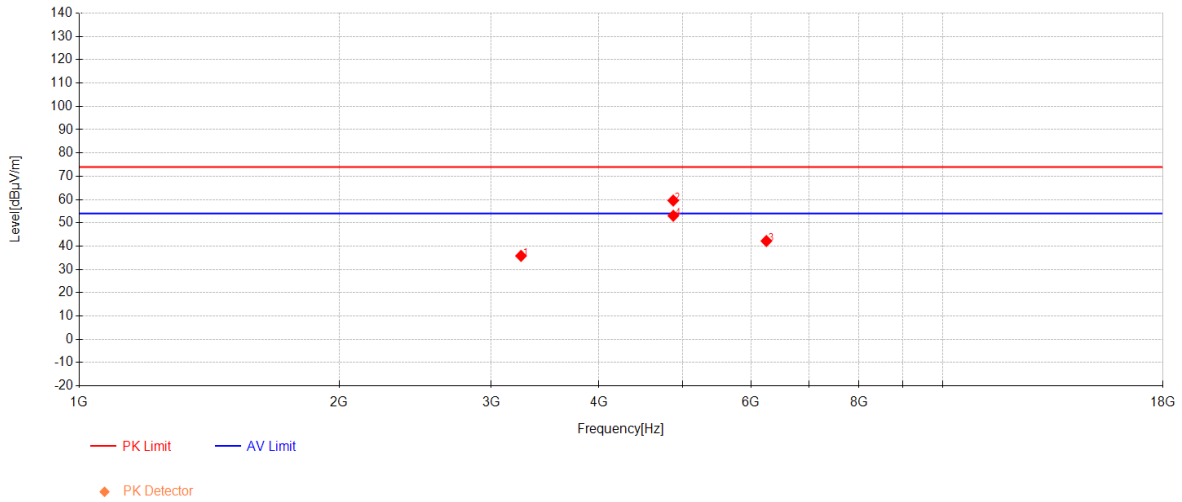


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802.11g ANT1\_Channel 06



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3249	49.58	29.55	-43.31	35.82	74.00	38.18	Vertical
2	4875.5	67.92	32.93	-41.27	59.57	74.00	14.43	Vertical
3	6250	46.48	35.30	-39.58	42.20	74.00	31.80	Vertical
4	4876.5	61.38	32.93	-41.27	53.04	54.00	0.96	Vertical



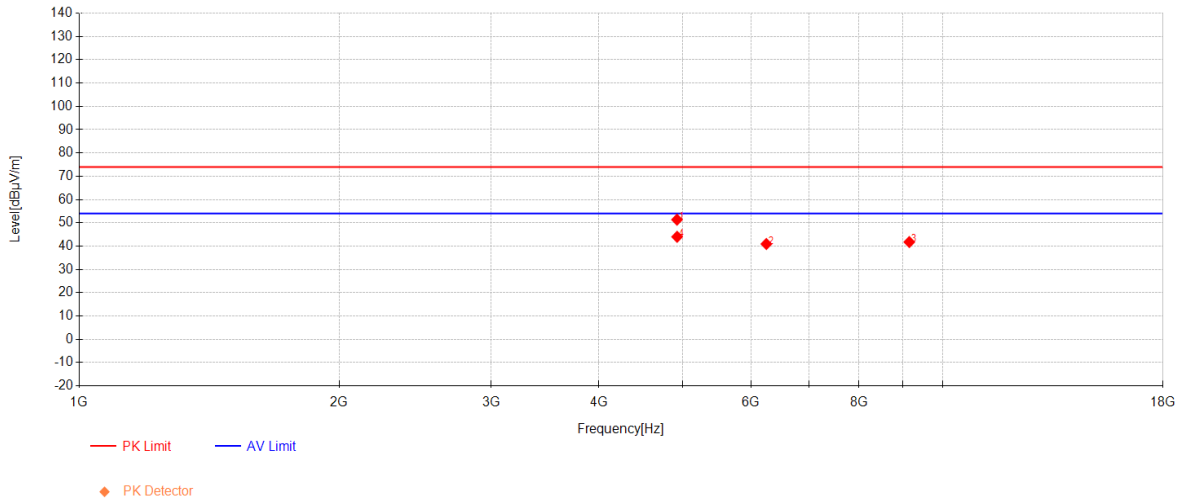
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802.11g ANT1\_Channel 11



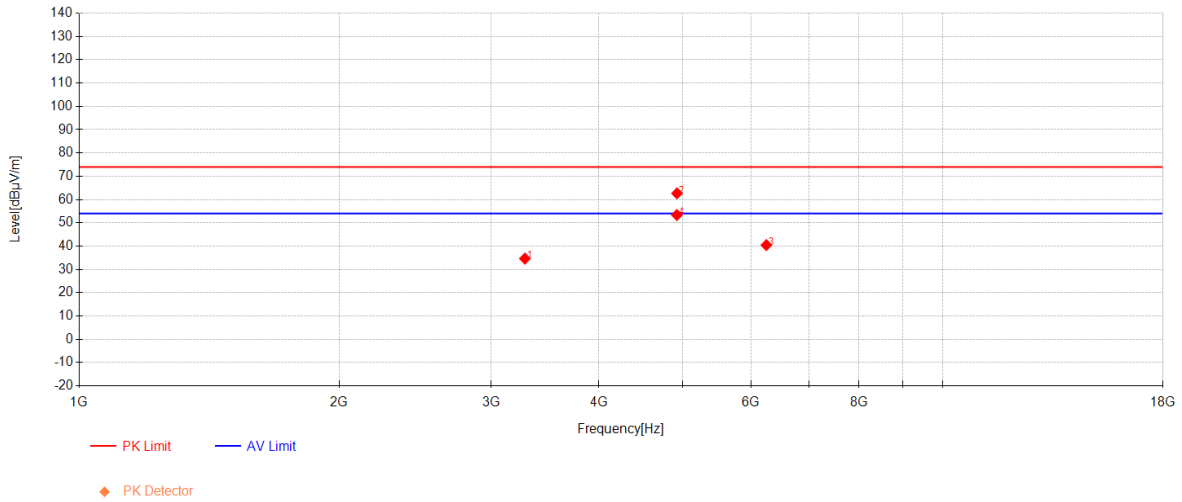
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4925	59.59	33.04	-41.27	51.36	74.00	22.64	Horizontal
2	6250	45.21	35.30	-39.58	40.93	74.00	33.07	Horizontal
3	9150	38.72	37.65	-34.61	41.76	74.00	32.24	Horizontal
4	4926	52.24	33.04	-41.27	44.01	54.00	9.99	Horizontal



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802.11g ANT1\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	3283	48.46	29.56	-43.38	34.64	74.00	39.36	Vertical
2	4924.5	70.89	33.03	-41.27	62.66	74.00	11.34	Vertical
3	6250	44.73	35.30	-39.58	40.45	74.00	33.55	Vertical
4	4922.5	61.59	33.03	-41.26	53.36	54.00	0.64	Vertical

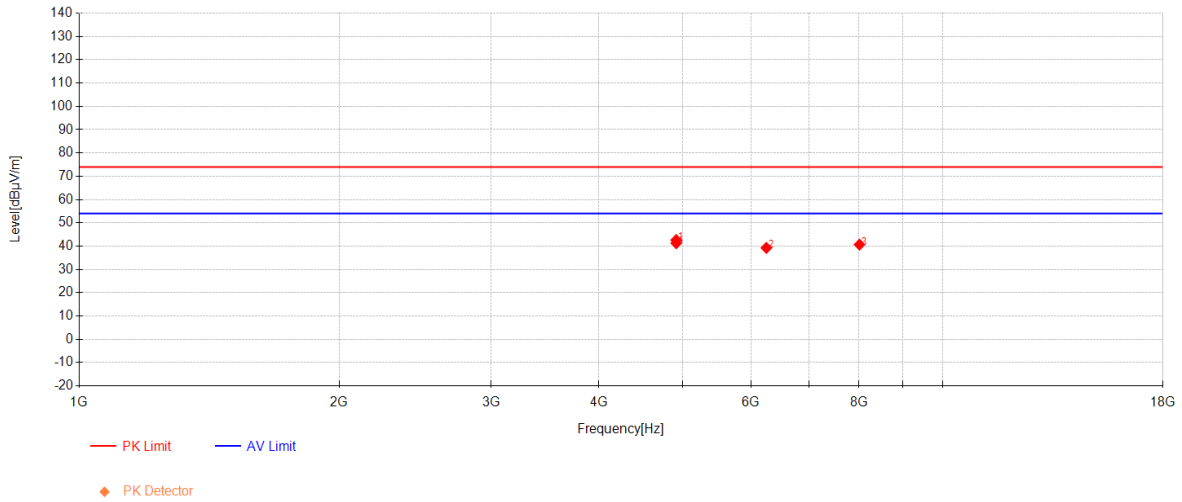


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802.11b ANT1\_Channel 10



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4914	50.83	33.01	-41.24	42.60	74.00	31.40	Horizontal
2	6250	43.53	35.30	-39.58	39.25	74.00	34.75	Horizontal
3	8012	40.11	37.11	-36.56	40.66	74.00	33.34	Horizontal
4	4914.5	49.49	33.01	-41.24	41.26	54.00	12.74	Horizontal

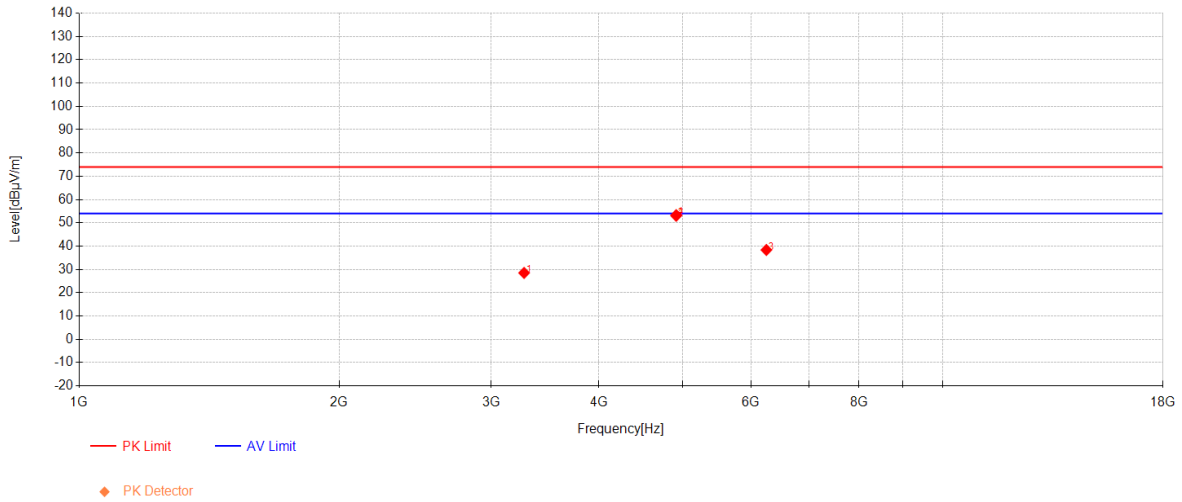


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802.11b ANT1\_Channel 10



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3275.5	42.32	29.56	-43.36	28.51	74.00	45.49	Vertical
2	4914	61.25	33.01	-41.24	53.02	74.00	20.98	Vertical
3	6250	42.64	35.30	-39.58	38.36	74.00	35.64	Vertical
4	4914.5	61.55	33.01	-41.24	53.32	54.00	0.68	Vertical

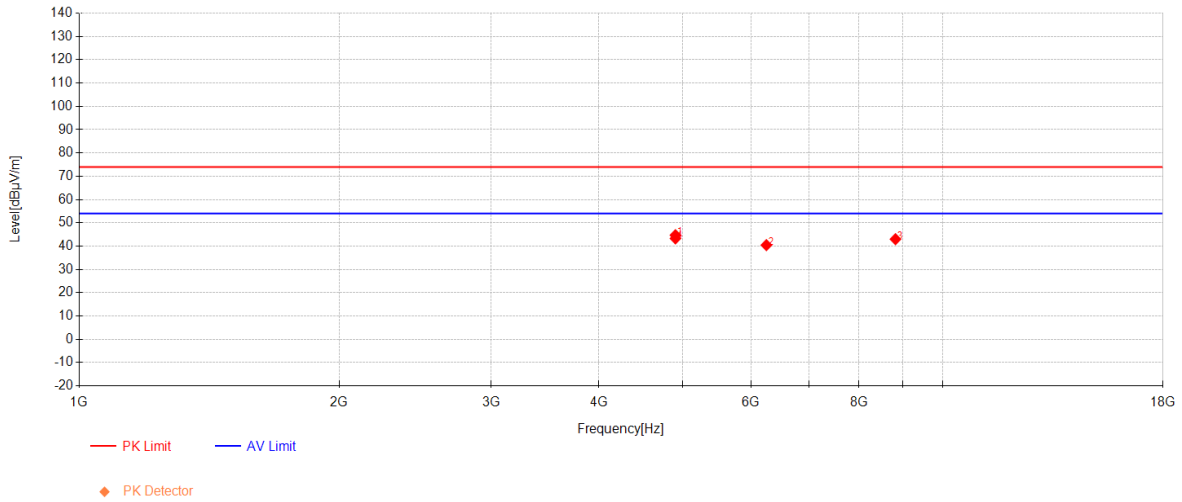


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802.11b ANT1\_Channel 09



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4904	52.93	32.99	-41.21	44.71	74.00	29.29	Horizontal
2	6250	44.72	35.30	-39.58	40.44	74.00	33.56	Horizontal
3	8819.5	40.40	37.51	-34.92	42.99	74.00	31.01	Horizontal
4	4904.5	51.52	32.99	-41.21	43.30	54.00	10.70	Horizontal

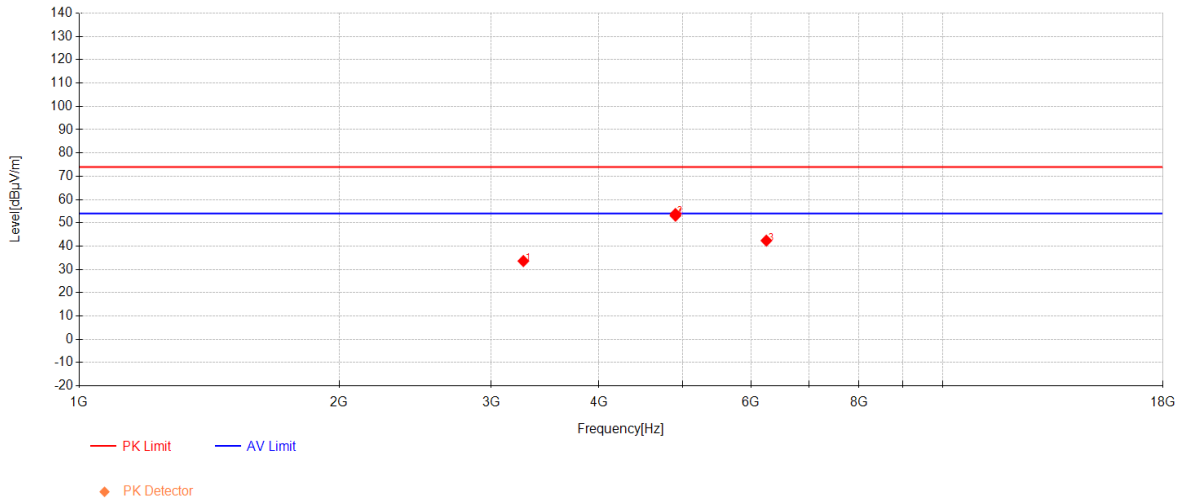


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802.11b ANT1\_Channel 09



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3269	47.39	29.55	-43.35	33.60	74.00	40.40	Vertical
2	4904	62.00	32.99	-41.21	53.78	74.00	20.22	Vertical
3	6250	46.65	35.30	-39.58	42.37	74.00	31.63	Vertical
4	4904.5	61.29	32.99	-41.21	53.07	54.00	0.93	Vertical

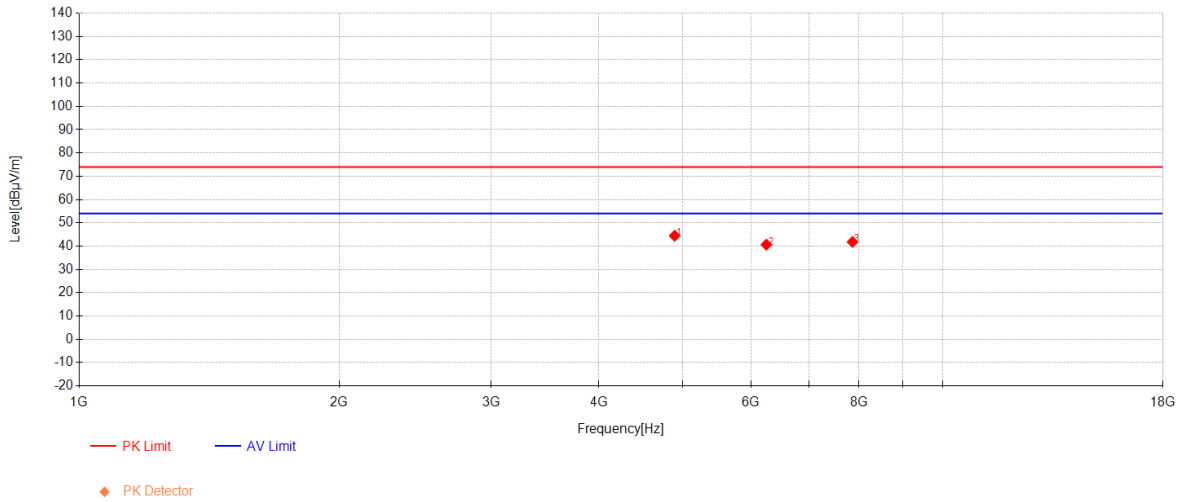


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802.11b ANT1\_Channel 08



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4894	52.72	32.97	-41.22	44.47	74.00	29.53	Horizontal
2	6250	44.91	35.30	-39.58	40.63	74.00	33.37	Horizontal
3	7864	41.55	36.96	-36.70	41.81	74.00	32.19	Horizontal

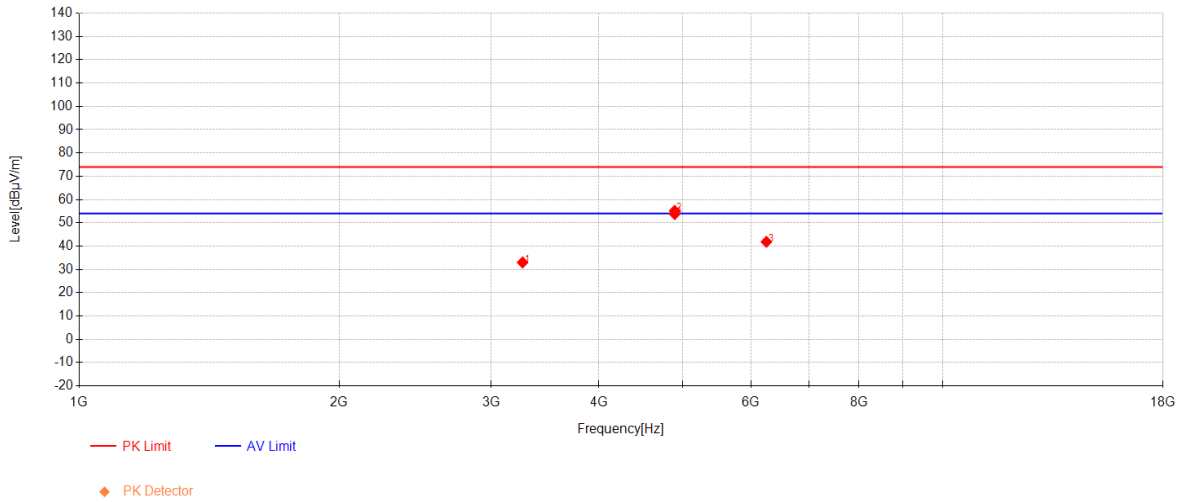


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802.11b ANT1\_Channel 08



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3262.5	46.79	29.55	-43.34	33.01	74.00	40.99	Vertical
2	4894	63.39	32.97	-41.22	55.14	74.00	18.86	Vertical
3	6250	46.13	35.30	-39.58	41.85	74.00	32.15	Vertical
4	4894.5	62.02	32.97	-41.22	53.77	54.00	0.23	Vertical



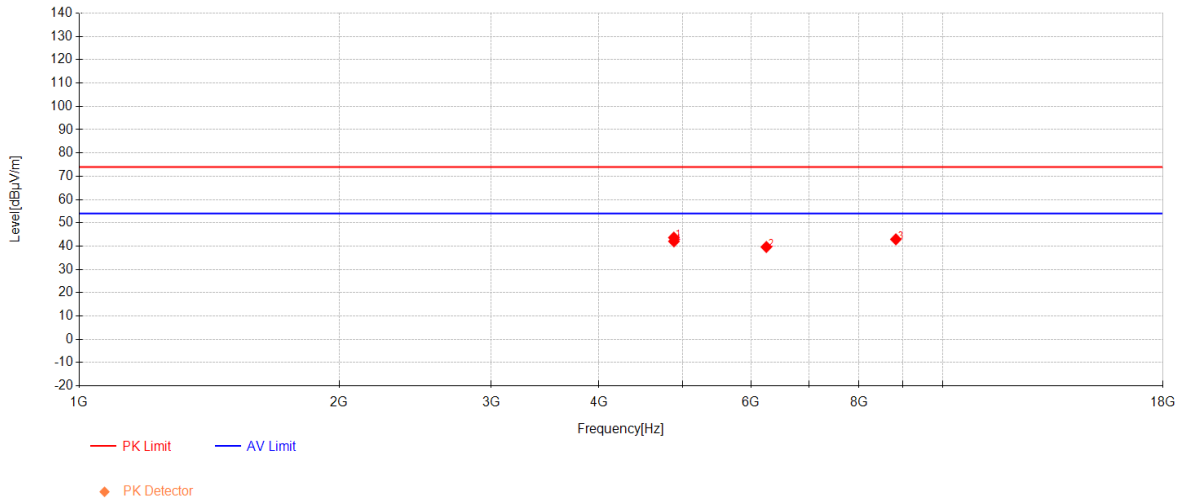
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802.11b ANT1\_Channel 07



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4884	51.95	32.94	-41.25	43.65	74.00	30.35	Horizontal
2	6250	43.92	35.30	-39.58	39.64	74.00	34.36	Horizontal
3	8828	40.33	37.51	-34.93	42.91	74.00	31.09	Horizontal
4	4884.5	50.36	32.95	-41.25	42.06	54.00	11.94	Horizontal

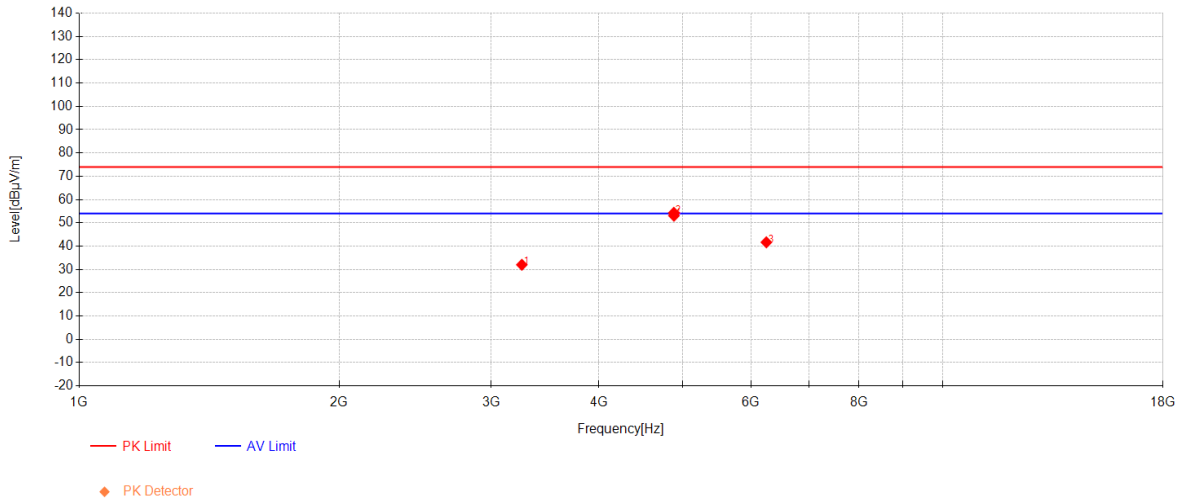


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802.11b ANT1\_Channel 07



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	3256	45.77	29.55	-43.32	32.00	74.00	42.00	Vertical
2	4884	62.60	32.94	-41.25	54.30	74.00	19.70	Vertical
3	6250	45.93	35.30	-39.58	41.65	74.00	32.35	Vertical
4	4884.5	61.37	32.95	-41.25	53.07	54.00	0.93	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:  
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$   
 $AF = Antenna\ Factor(dB/m)$   
 $Factor = Cable\ Factor(dB) - Preamplifier\ gain(dB)$   
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- All channels have been tested, but only the worst case data displayed in this report.
- Both peak and average measured complies with the limit line, so test result is "PASS"

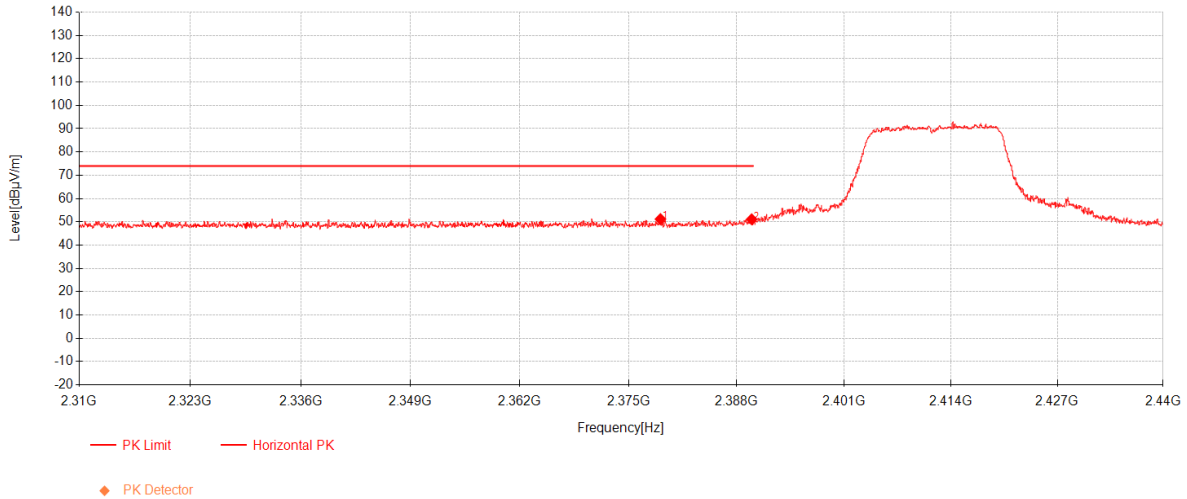


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## Restricted bands around fundamental frequency

### 802.11g ANT1\_Channel 01



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2378.835	46.44	27.13	-22.43	51.15	74.00	22.85	Horizontal
2	2389.82	46.33	27.16	-22.40	51.09	74.00	22.91	Horizontal



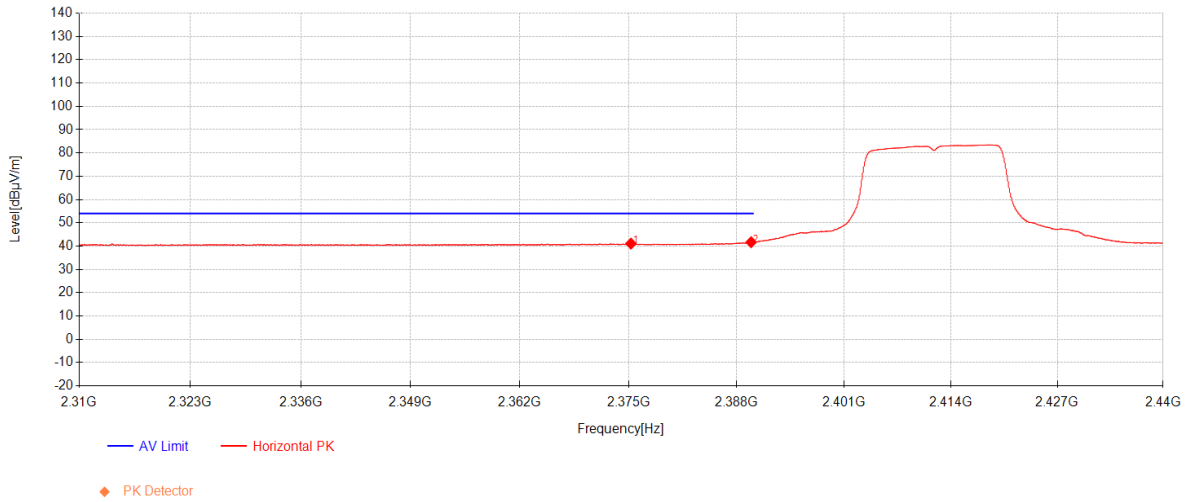
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802.11g ANT1\_Channel 01



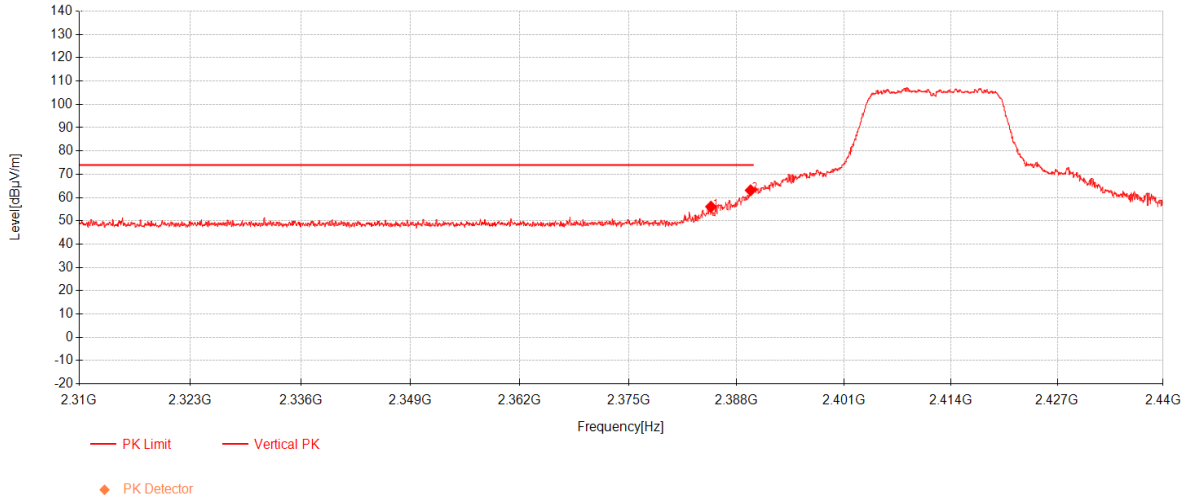
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2375.2925	36.40	27.13	-22.43	41.09	54.00	12.91	Horizontal
2	2389.755	36.93	27.16	-22.40	41.69	54.00	12.31	Horizontal



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802.11g ANT1\_Channel 01



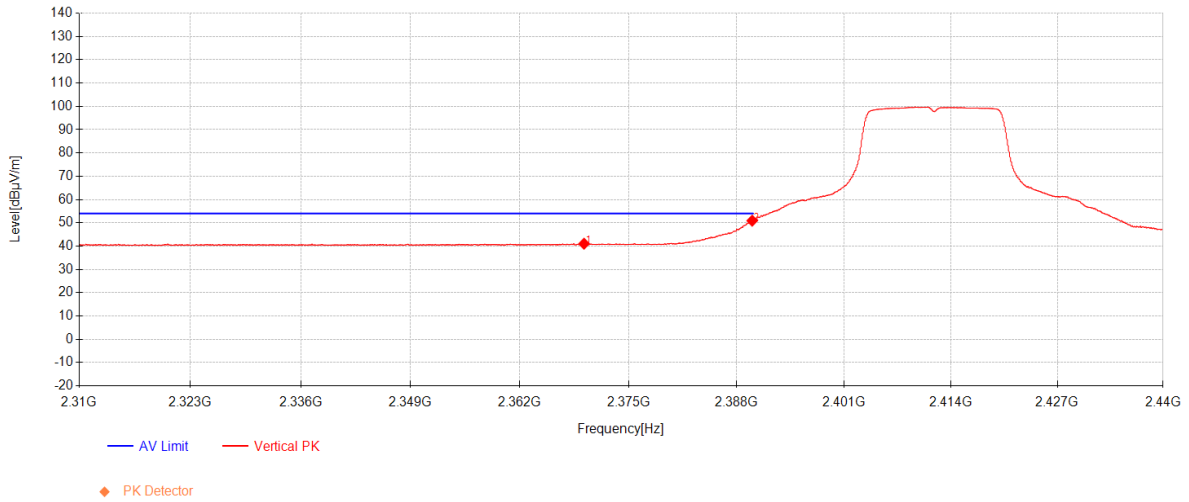
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2384.9125	51.32	27.15	-22.41	56.06	74.00	17.94	Vertical
2	2389.69	58.34	27.16	-22.40	63.10	74.00	10.90	Vertical



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802.11g ANT1\_Channel 01



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2369.67	36.37	27.11	-22.45	41.03	54.00	12.97	Vertical
2	2389.885	46.16	27.16	-22.40	50.92	54.00	3.08	Vertical



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