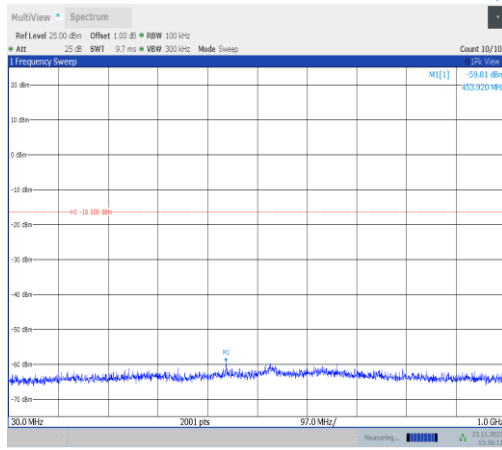


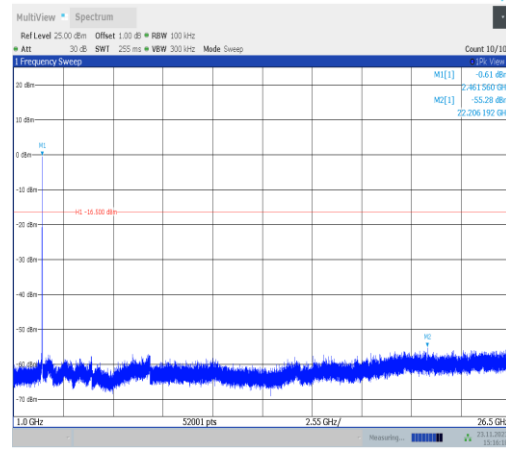
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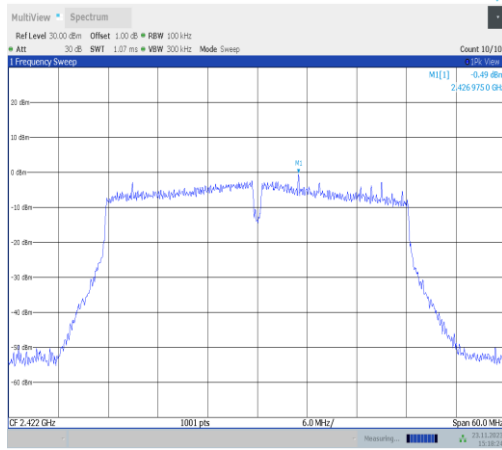
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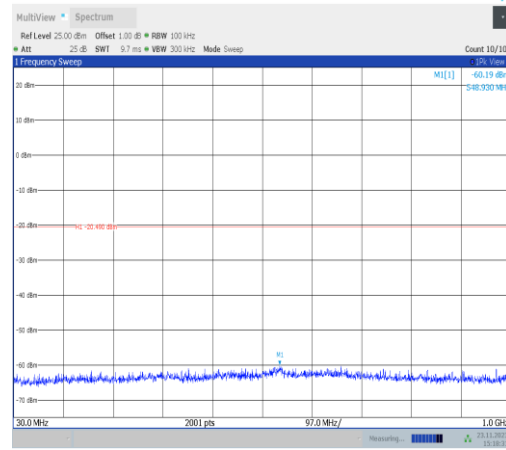
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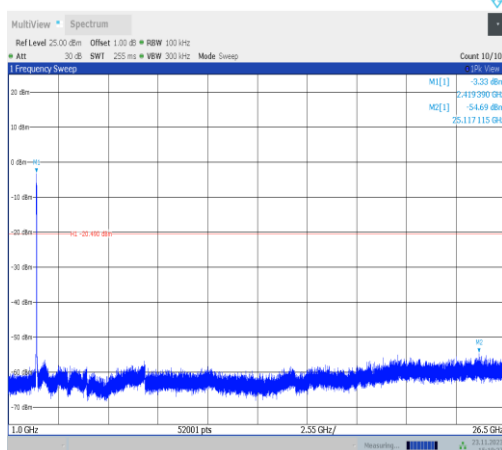
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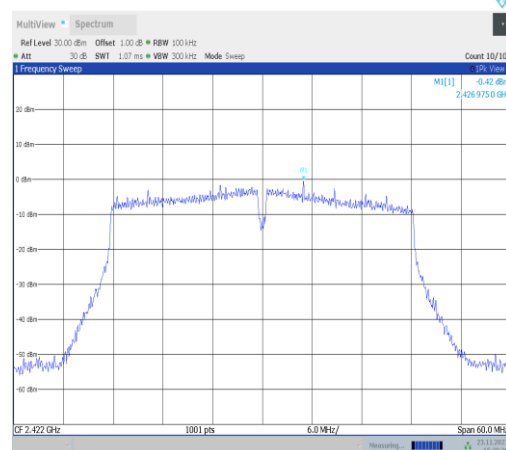
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11VHT40MIMO-Ant25-2422-0~Reference-PASS



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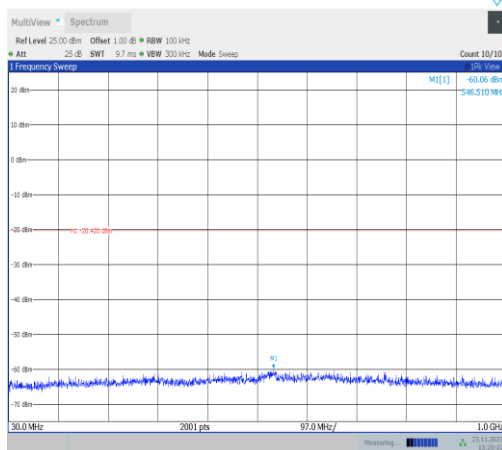
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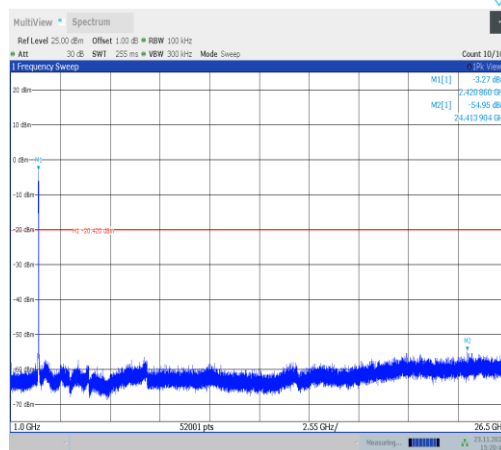
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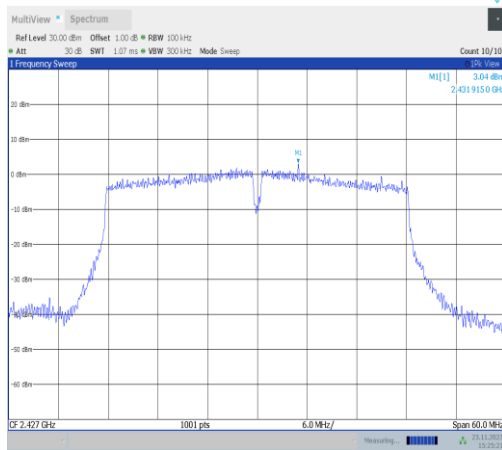
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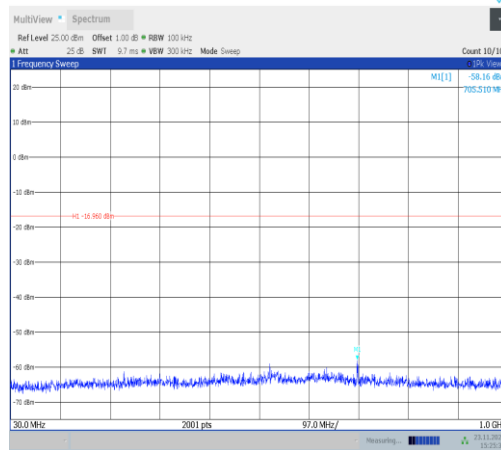
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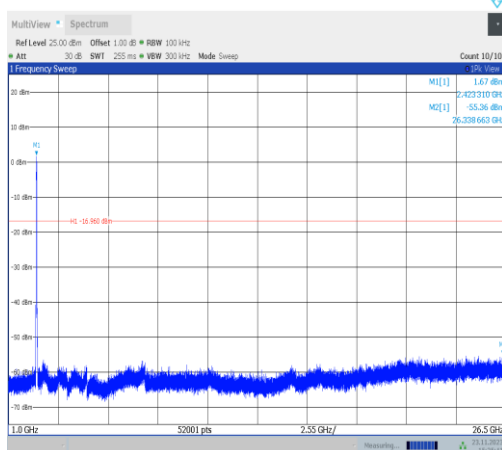
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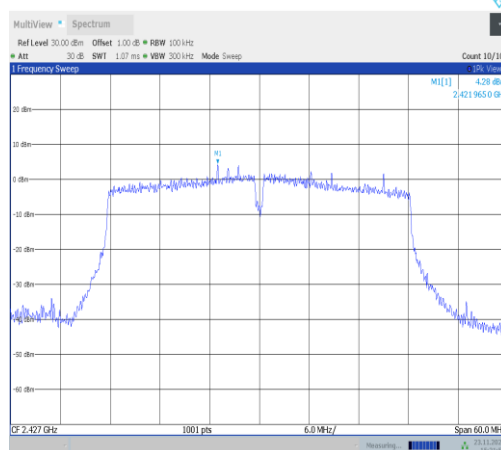
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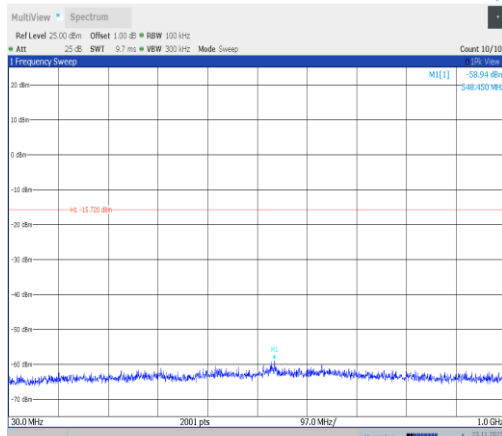
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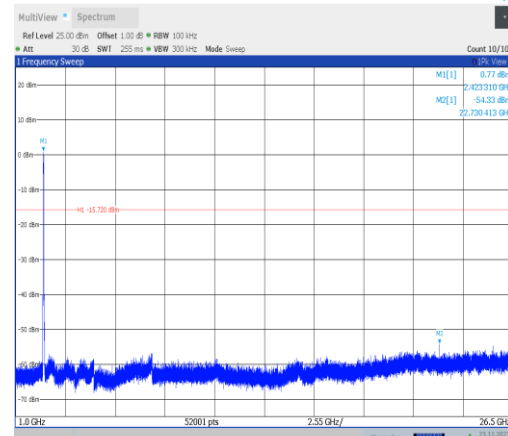
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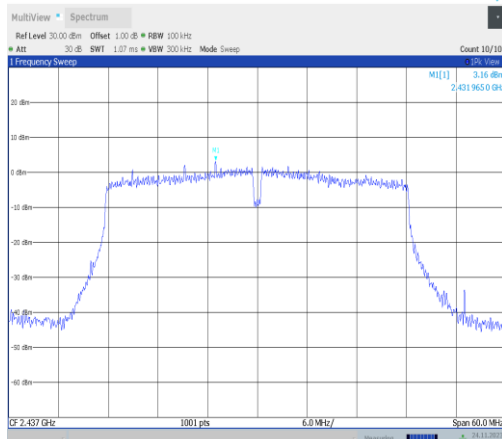
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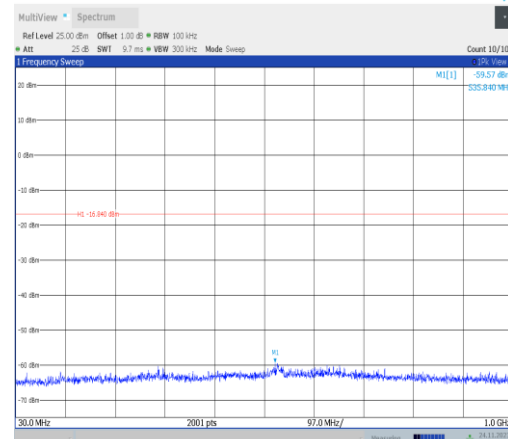
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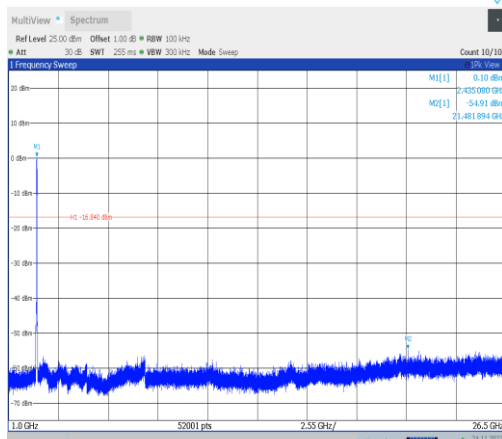
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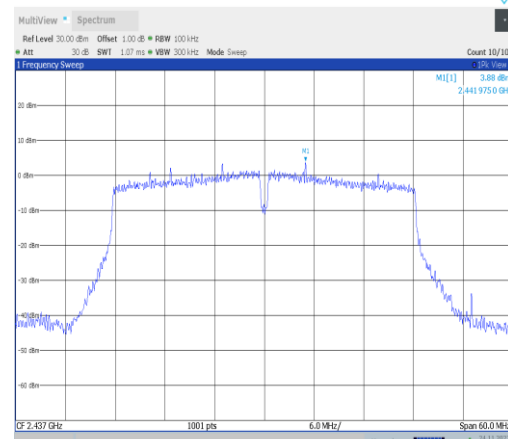
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11VHT40MIMO-Ant25-2437-0~Reference-PASS



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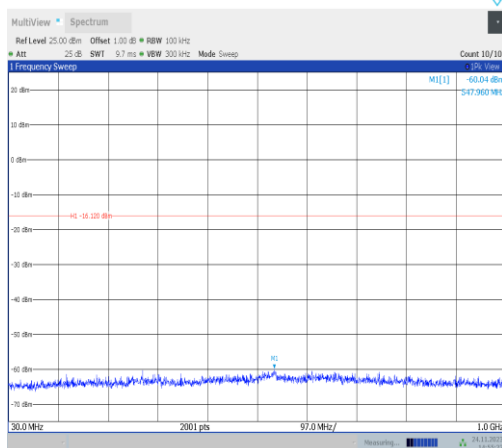
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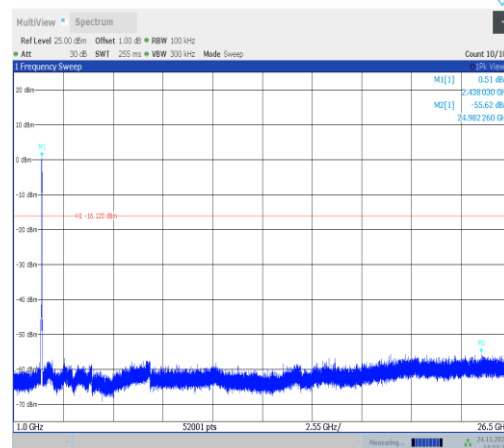
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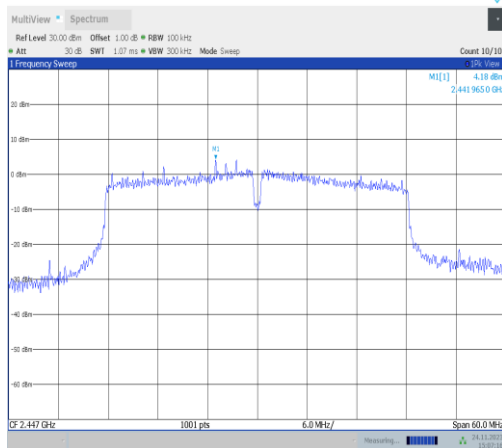
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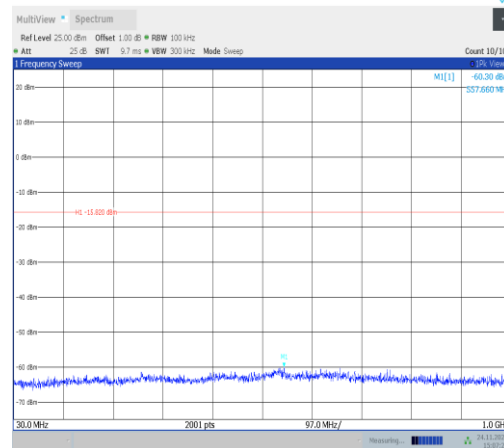
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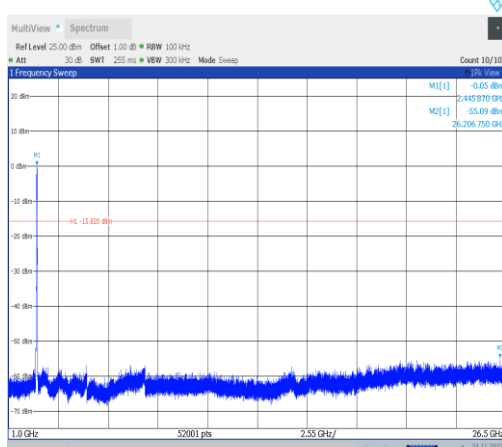
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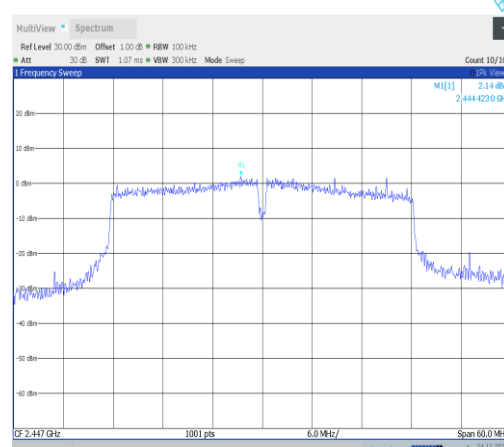
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11VHT40MIMO-Ant25-2447-0~Reference-PASS



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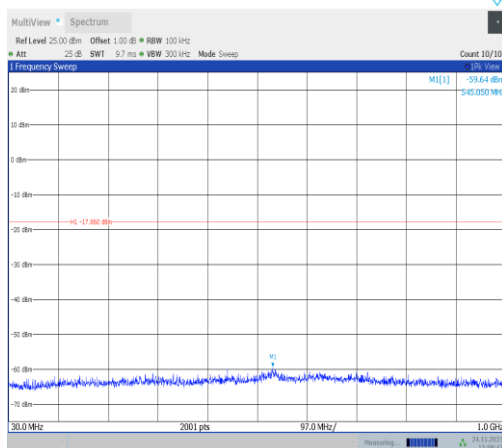
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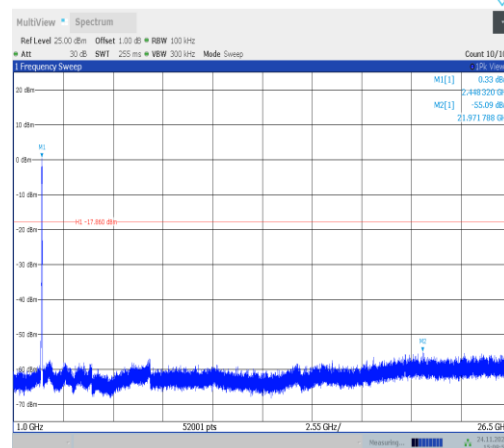
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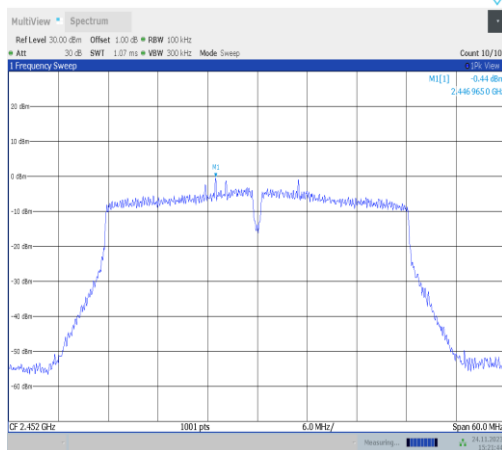
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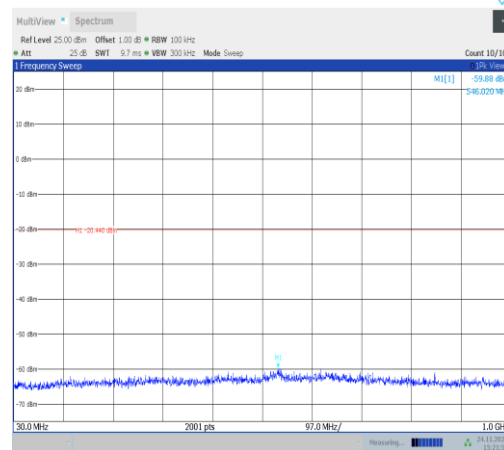
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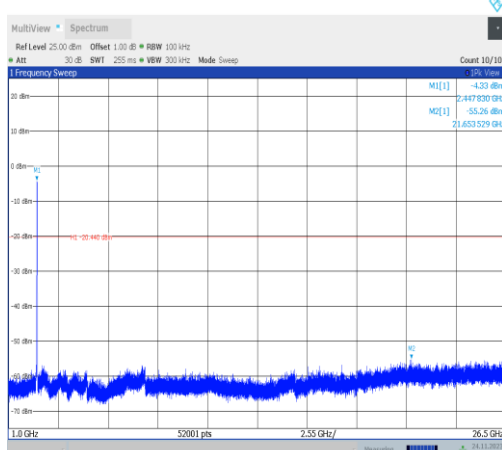
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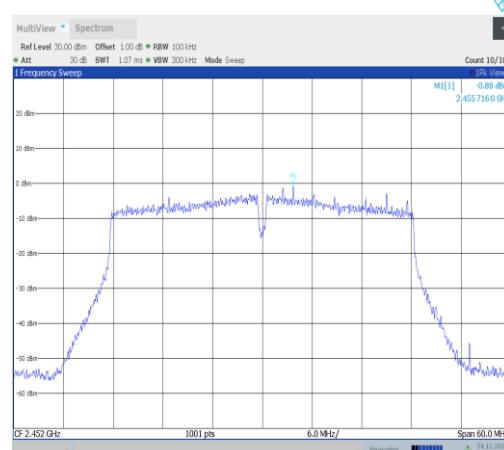
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11VHT40MIMO-Ant25-2452-0~Reference-PASS



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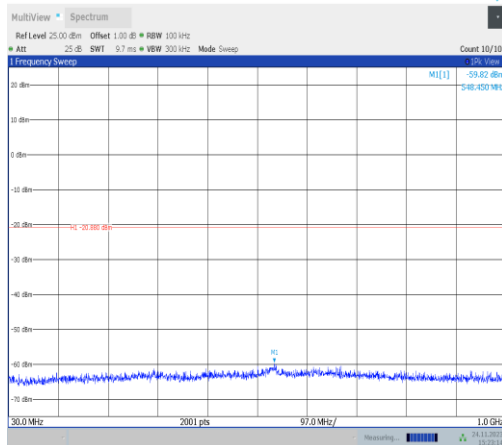
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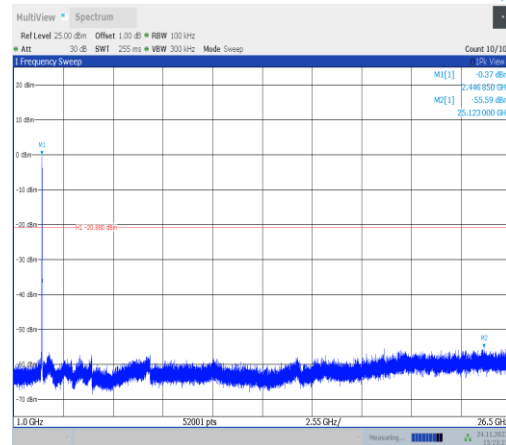
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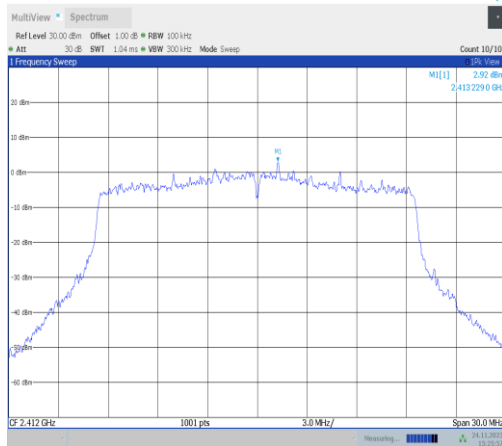
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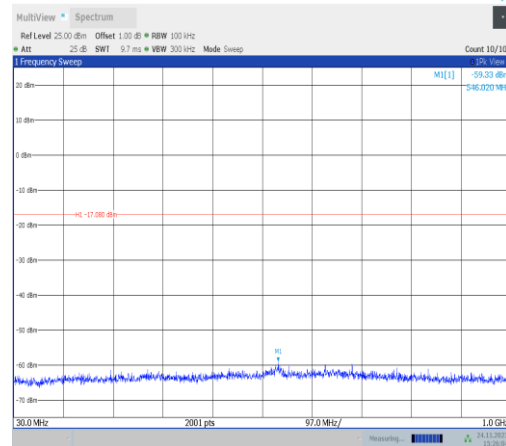
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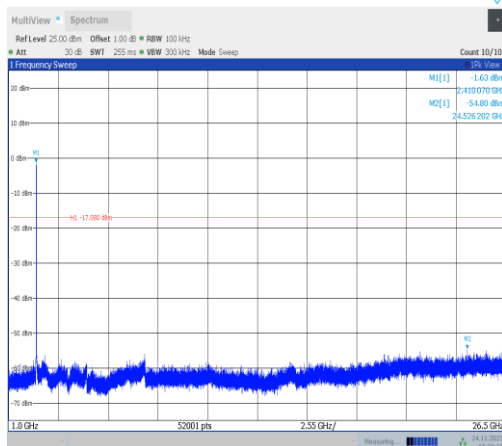
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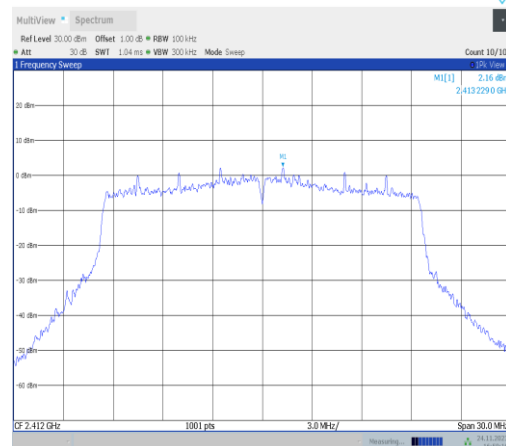
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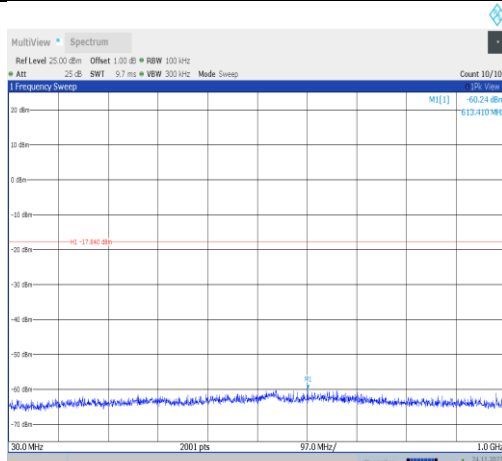
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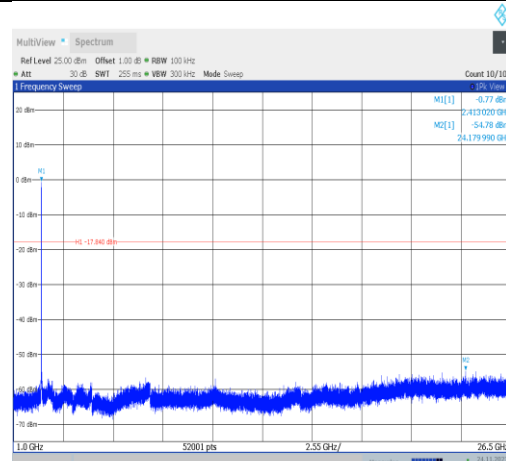
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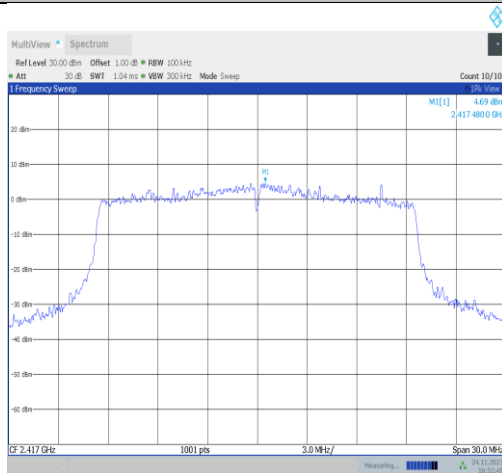
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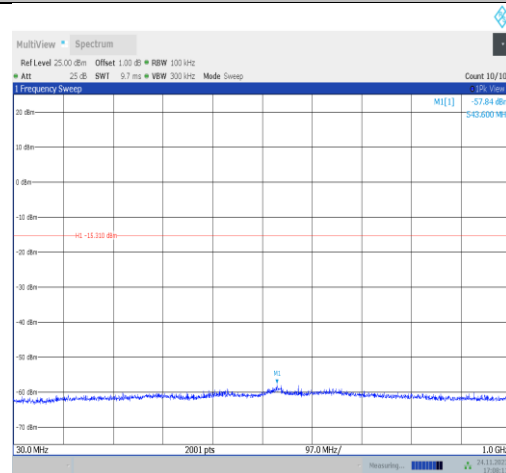
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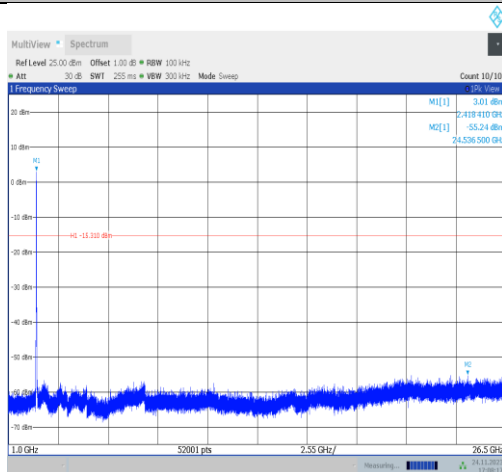
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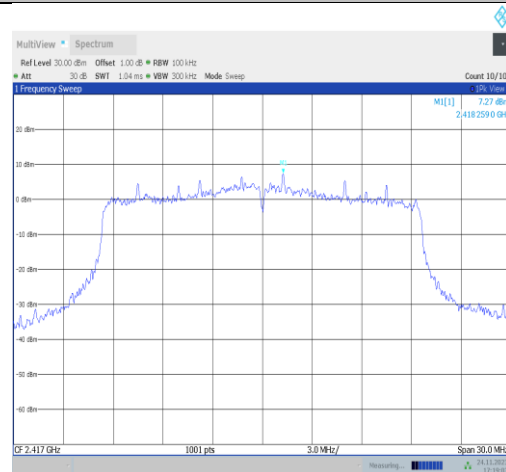
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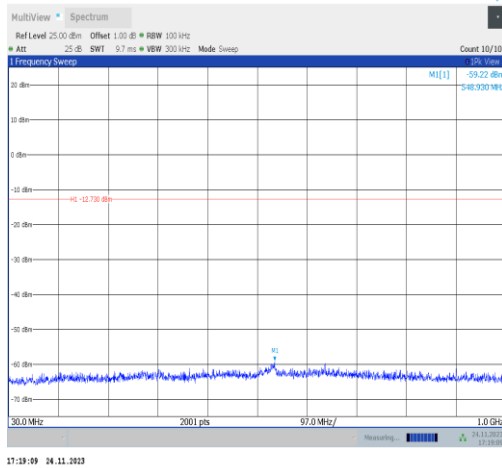
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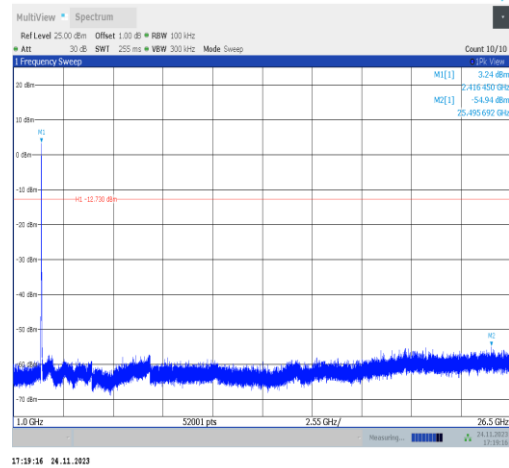
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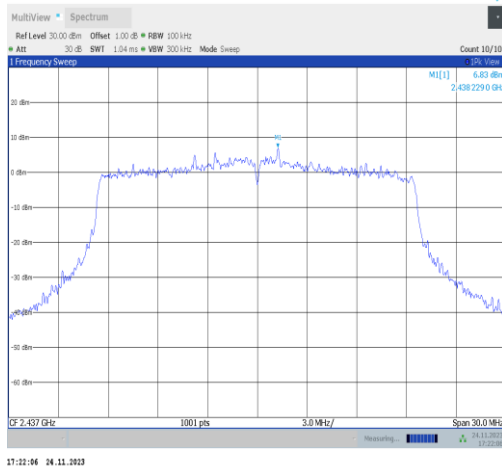
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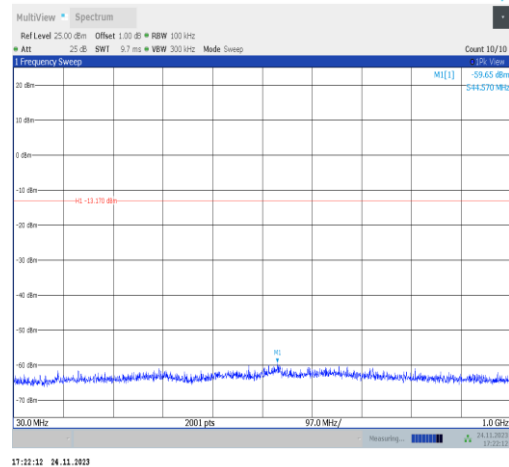
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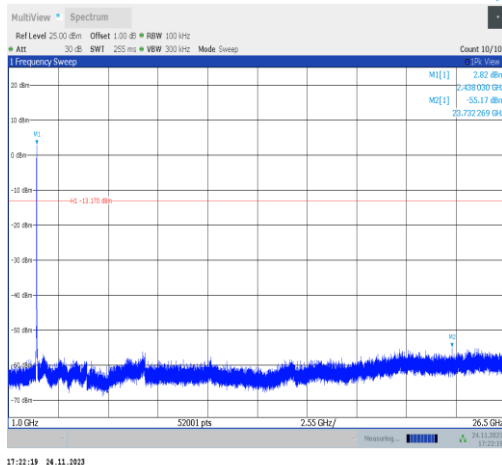
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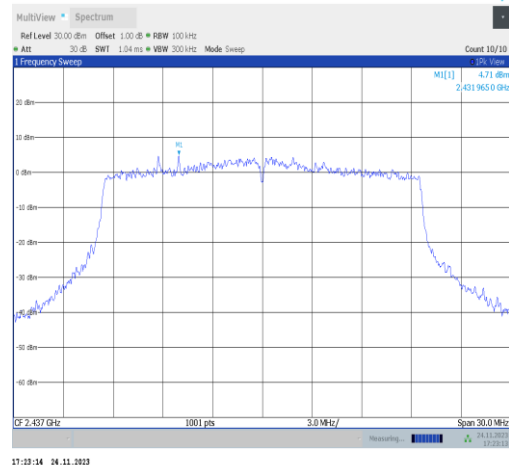
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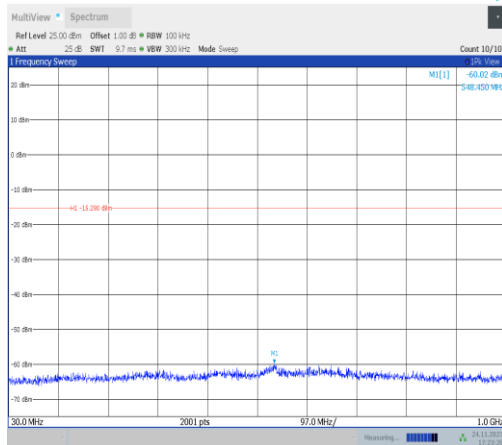
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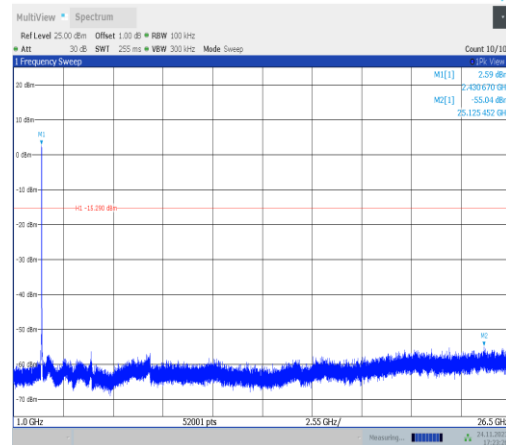
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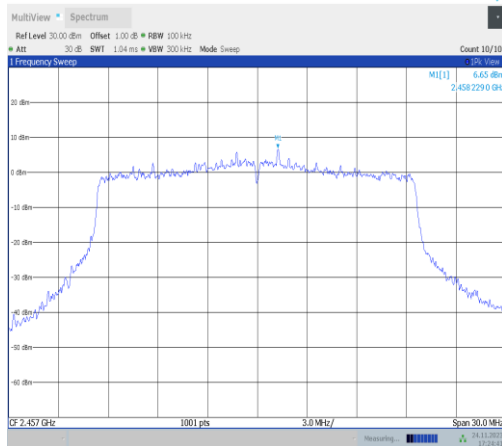
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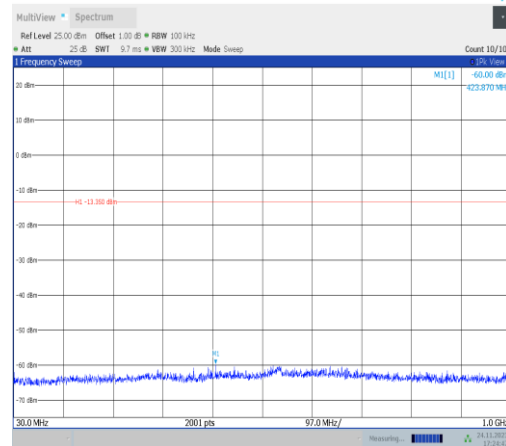
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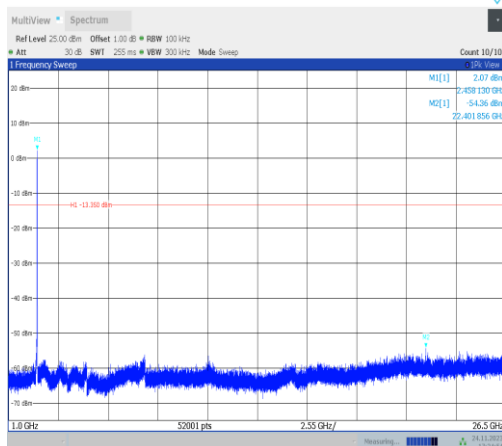
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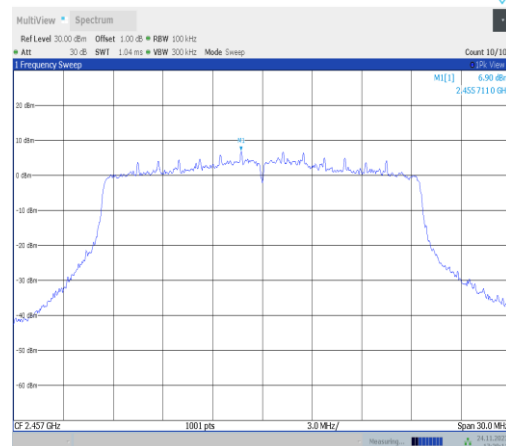
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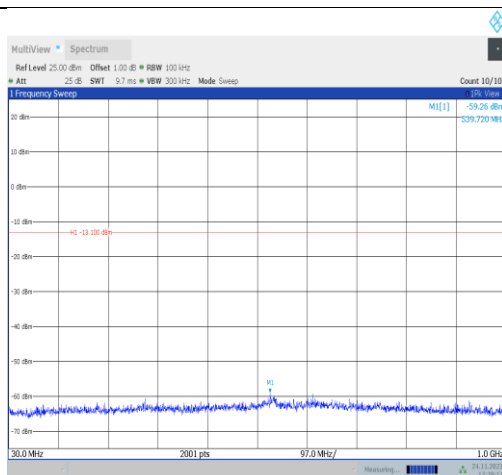
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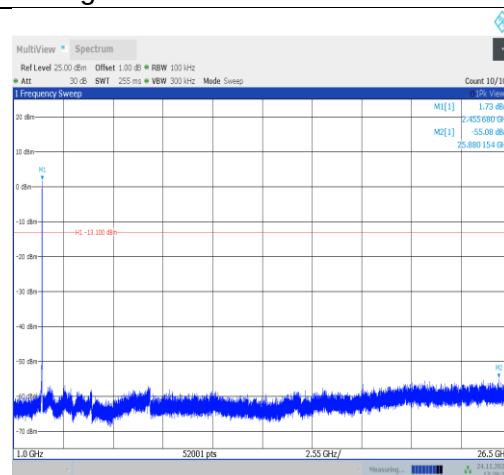
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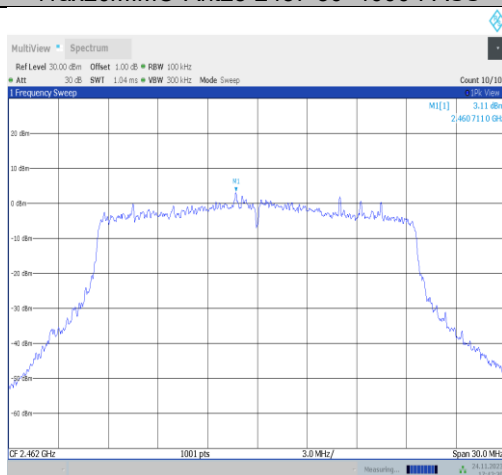
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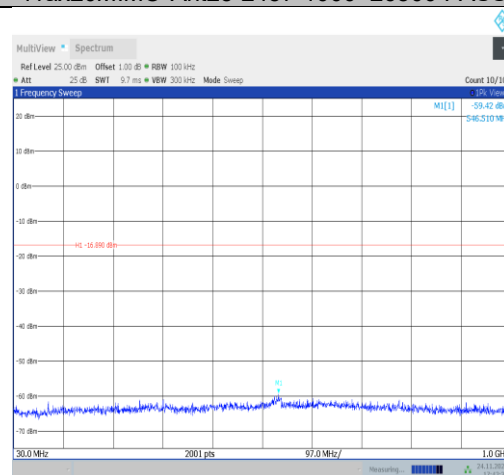
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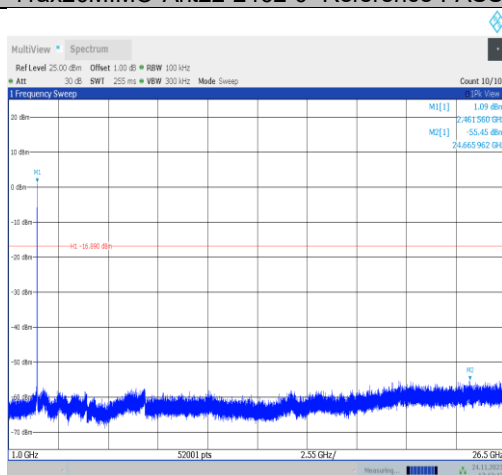
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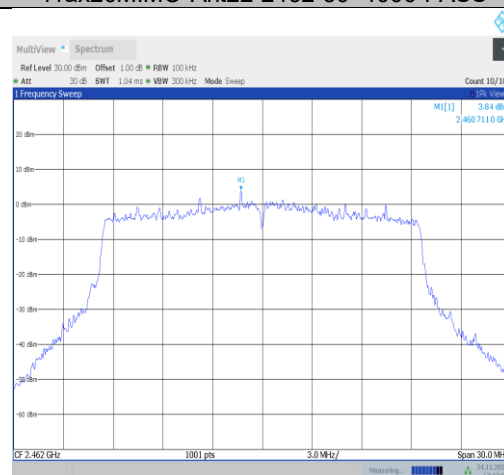
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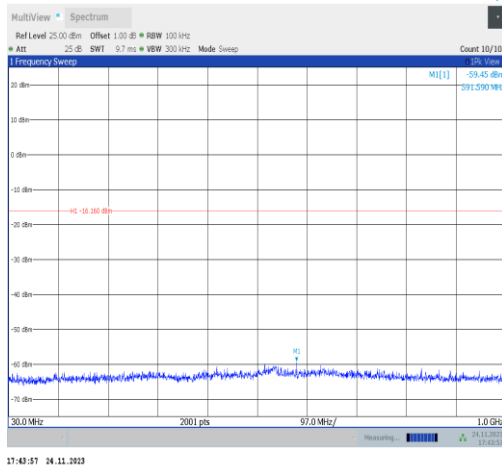
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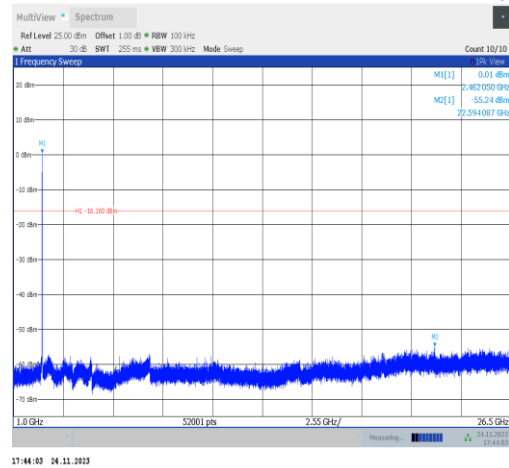
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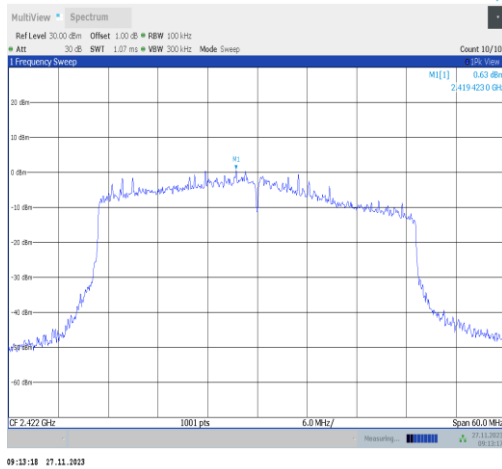
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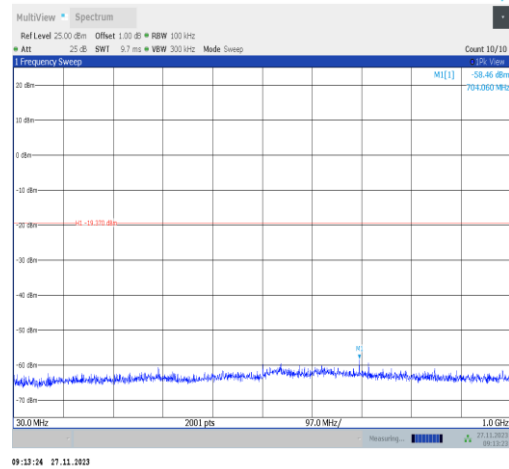
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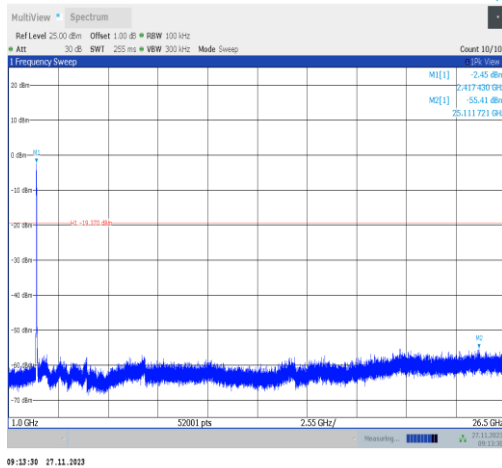
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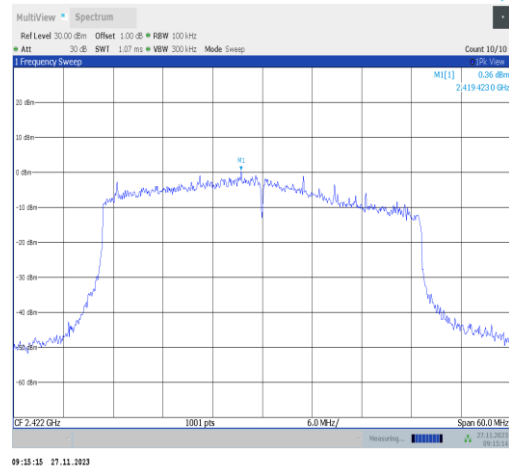
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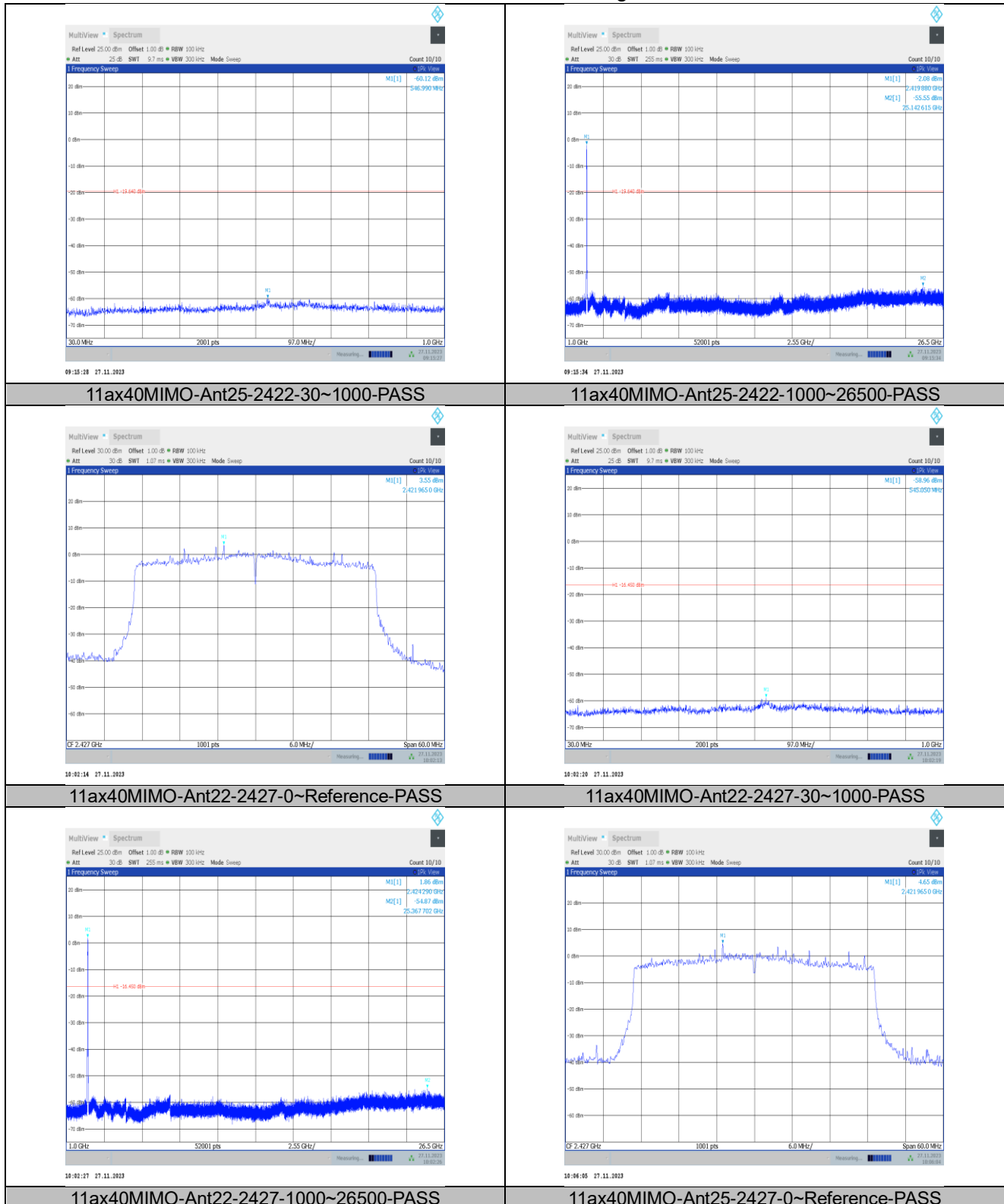
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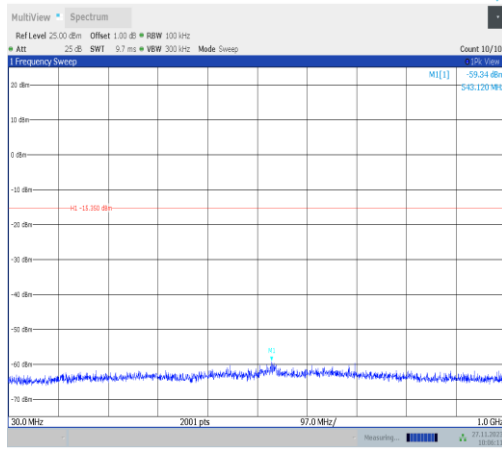
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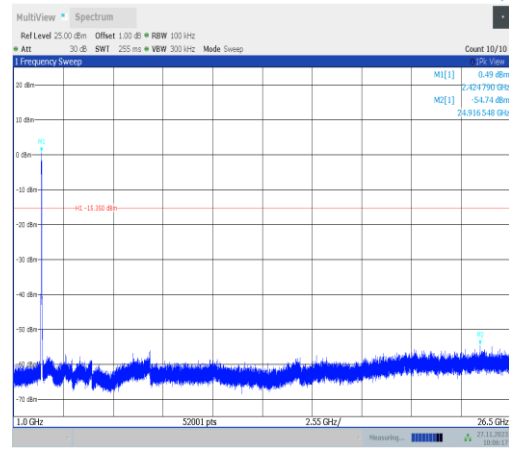
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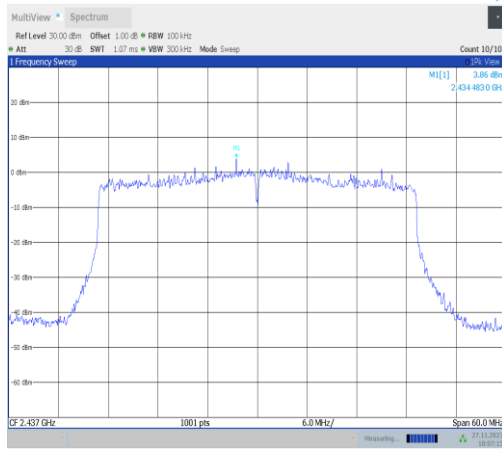
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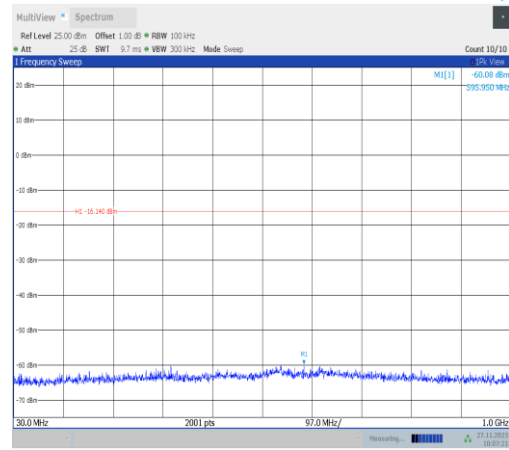
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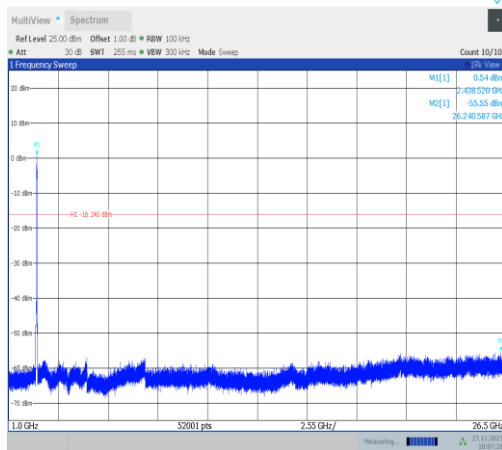
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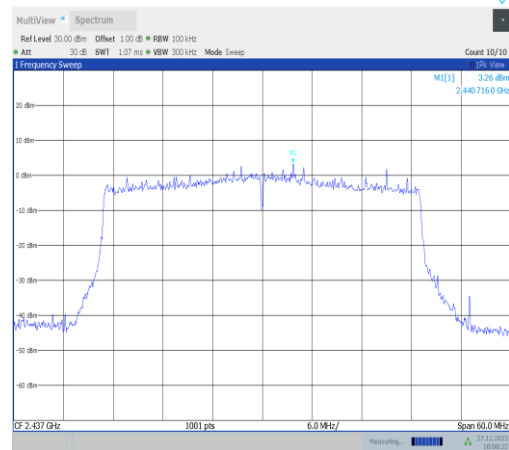
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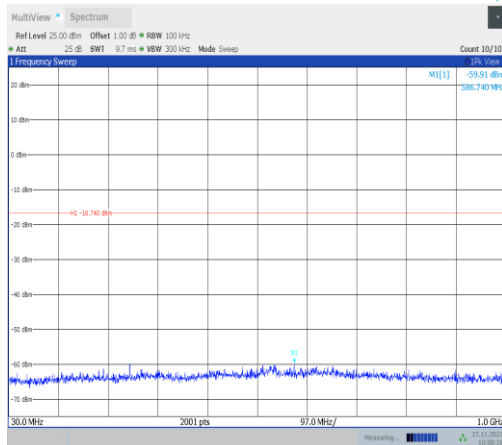
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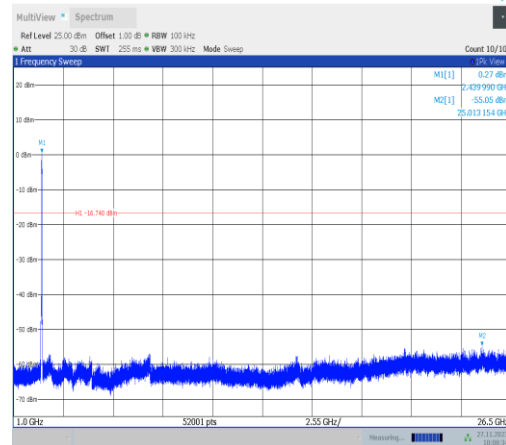
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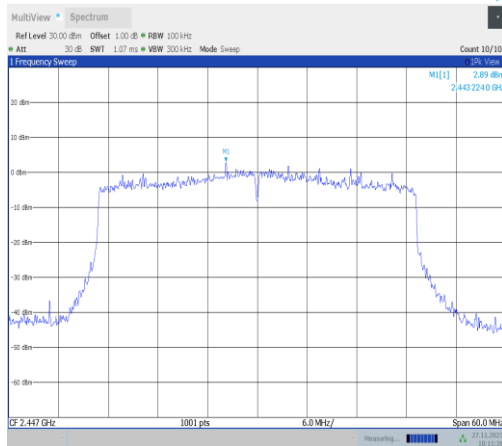
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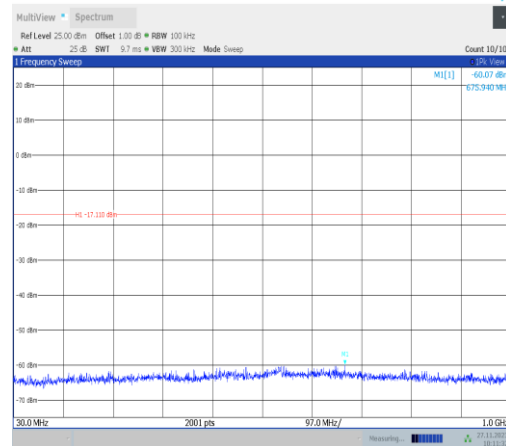
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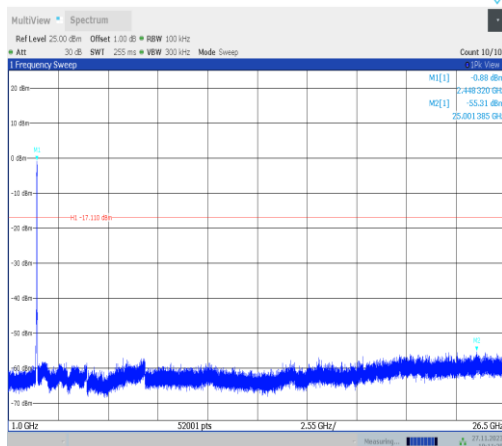
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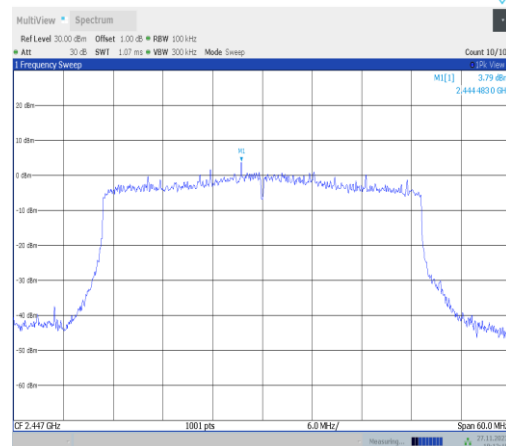
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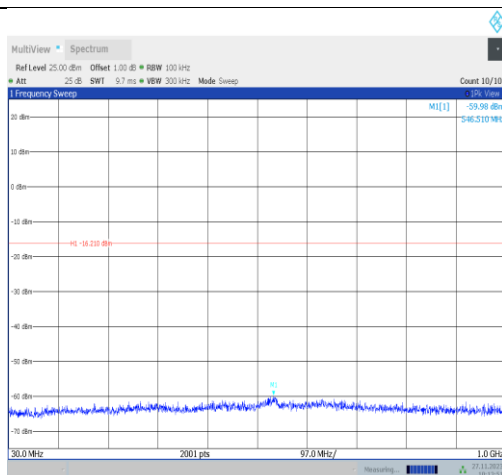
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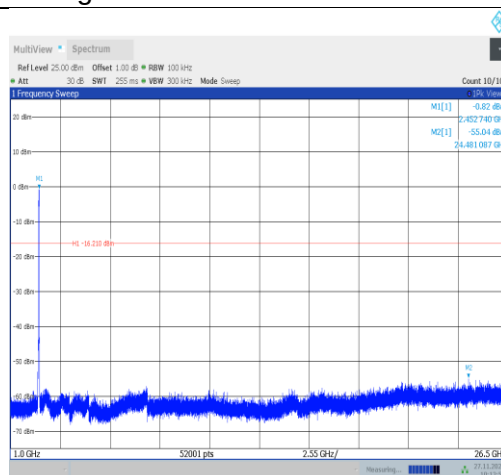
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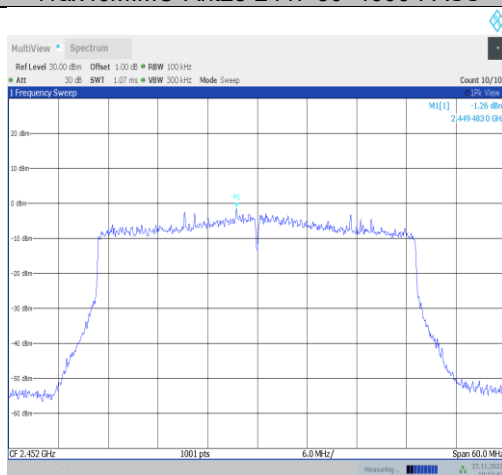
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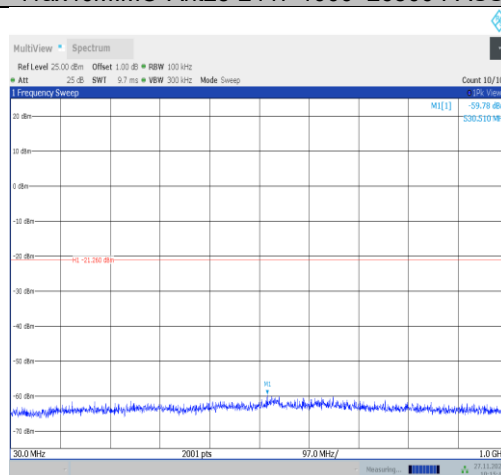
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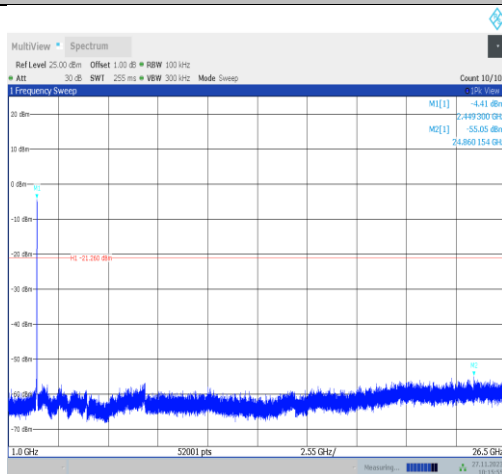
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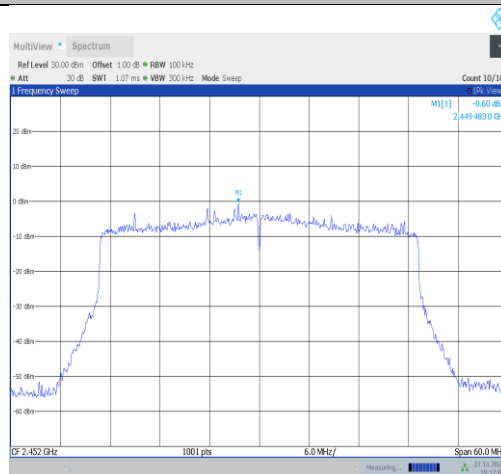
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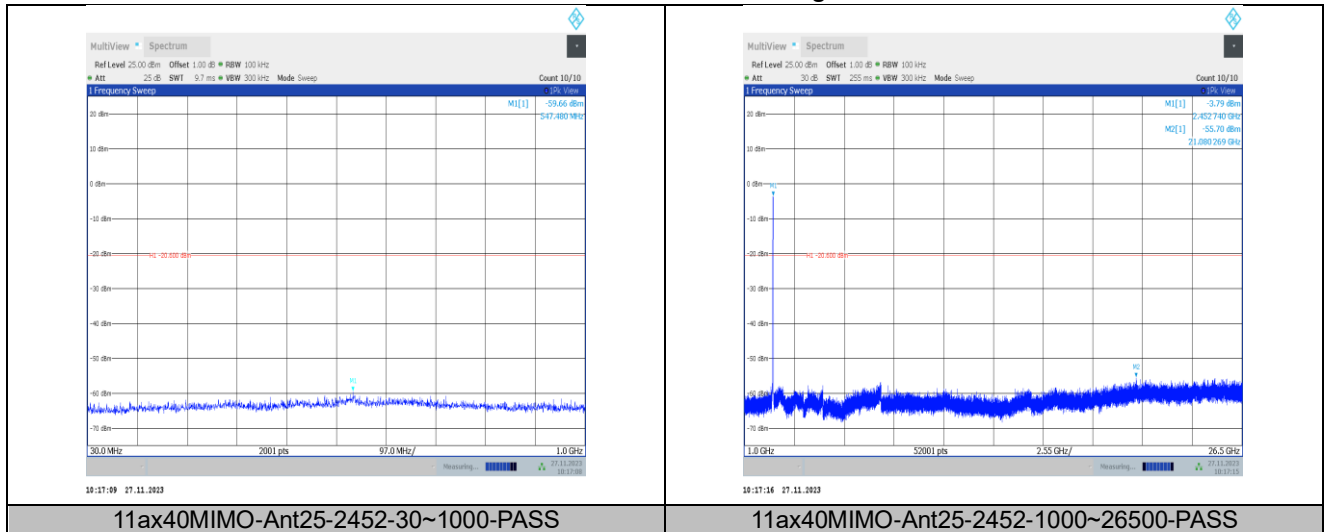
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Duty Cycle Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle* [%]	Factor
11b-CDD	Ant22	2412	20.00	20.00	100.00	0.00
11b-CDD	Ant25	2412	20.00	20.00	100.00	0.00
11g-CDD	Ant22	2412	2.10	2.12	99.06	0.04
11g-CDD	Ant25	2412	2.09	2.11	99.05	0.04
11n20MIMO	Ant22	2412	20.00	20.00	100.00	0.00
11n20MIMO	Ant25	2412	20.00	20.00	100.00	0.00
11n40MIMO	Ant22	2422	20.00	20.00	100.00	0.00
11n40MIMO	Ant25	2422	20.00	20.00	100.00	0.00
11VHT20MIMO	Ant22	2412	5.43	5.45	99.63	0.02
11VHT20MIMO	Ant25	2412	20.00	20.00	100.00	0.00
11VHT40MIMO	Ant22	2422	20.00	20.00	100.00	0.00
11VHT40MIMO	Ant25	2422	20.00	20.00	100.00	0.00
11ax20MIMO	Ant22	2412	20.00	20.00	100.00	0.00
11ax20MIMO	Ant25	2412	20.00	20.00	100.00	0.00
11ax40MIMO	Ant22	2422	20.00	20.00	100.00	0.00
11ax40MIMO	Ant25	2422	20.00	20.00	100.00	0.00

Test Result for AX Part RU

TestMode	Antenna	Frequency[MHz]	RuSize	RuIndex	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle* [%]
11ax20MIMO	Ant22	2412	26Tone	RU0	20.00	20.00	100.00
11ax20MIMO	Ant22	2412	52Tone	RU37	20.00	20.00	100.00
11ax20MIMO	Ant22	2412	106Tone	RU53	20.00	20.00	100.00
11ax20MIMO	Ant25	2412	26Tone	RU0	20.00	20.00	100.00
11ax20MIMO	Ant25	2412	52Tone	RU37	20.00	20.00	100.00
11ax20MIMO	Ant25	2412	106Tone	RU53	20.00	20.00	100.00
11ax40MIMO	Ant22	2422	242Tone	RU61	20.00	20.00	100.00
11ax40MIMO	Ant25	2422	242Tone	RU61	20.00	20.00	100.00

Note:

Radiated Emission Average VBW Setting:

*Duty cycle > 98% VBW setting=10Hz



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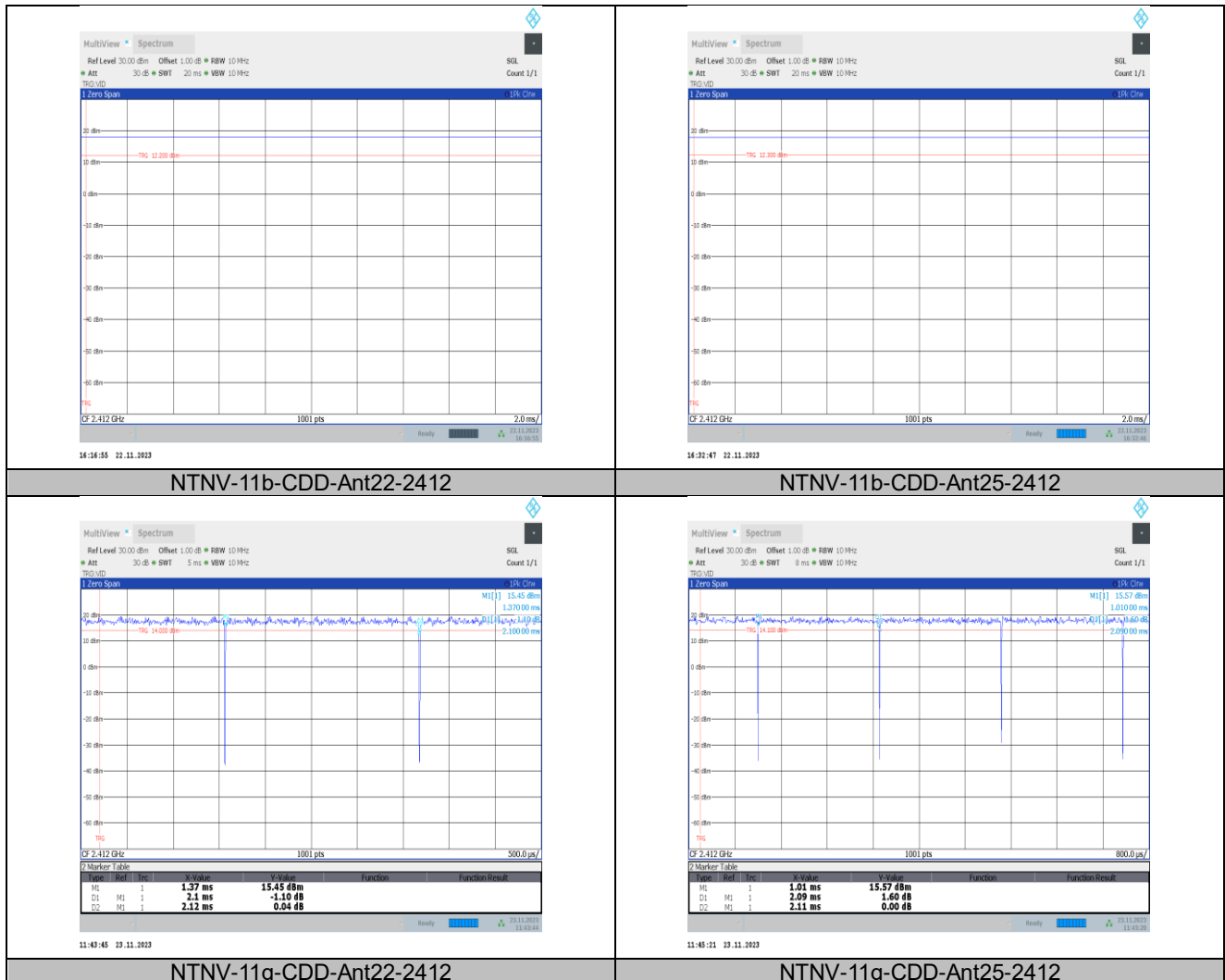
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Test Graphs



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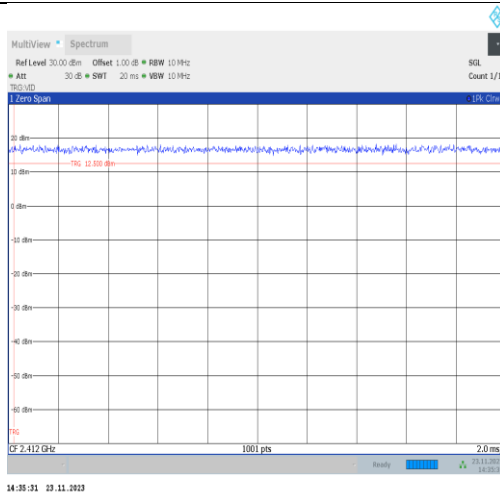
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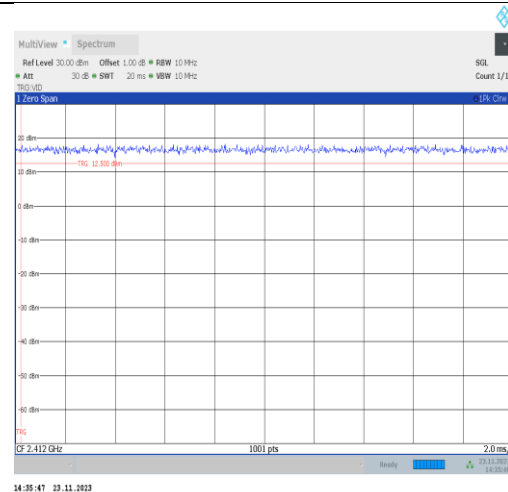
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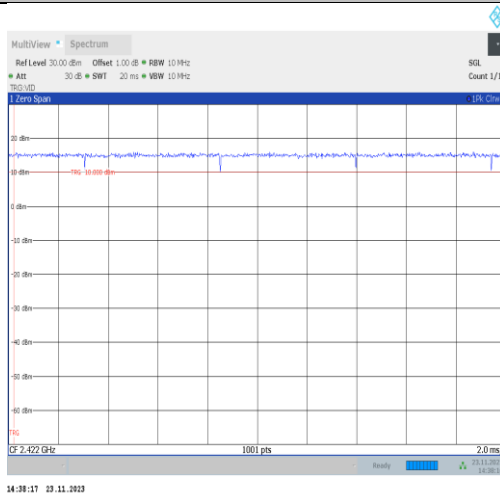
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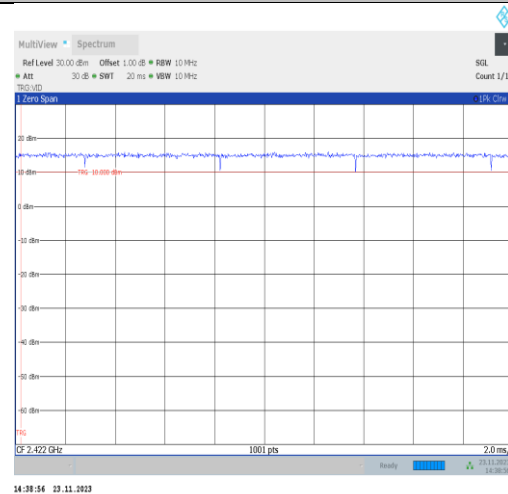
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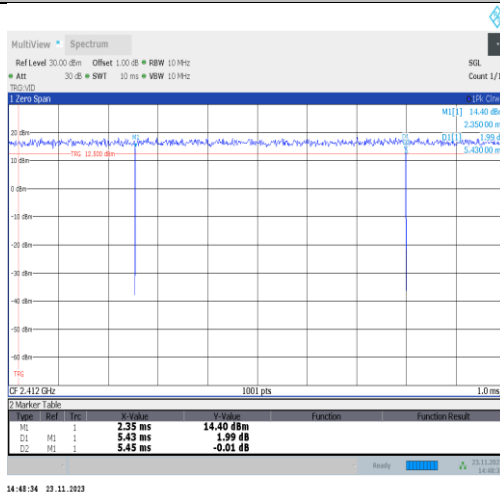
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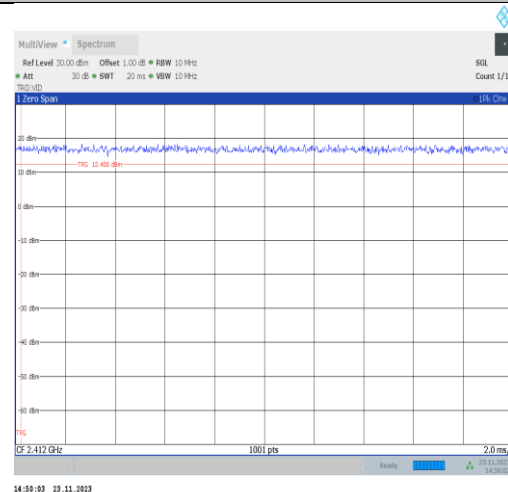
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NTVN-11n40MIMO-Ant25-2422



NTVN-11VHT20MIMO-Ant22-2412



NTVN-11VHT20MIMO-Ant25-2412



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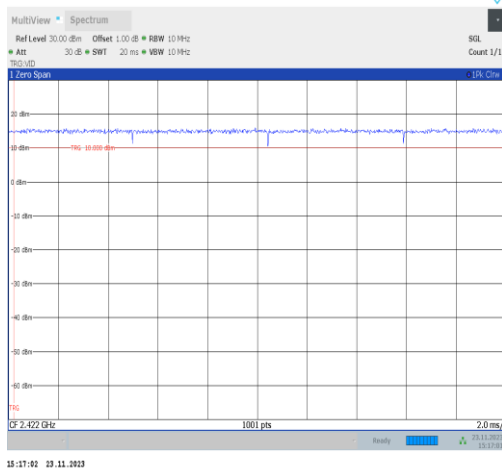
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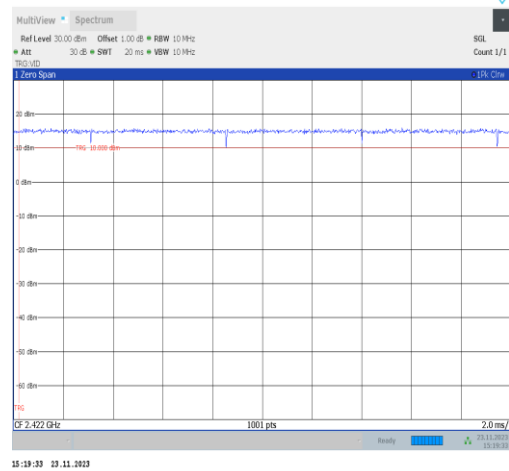
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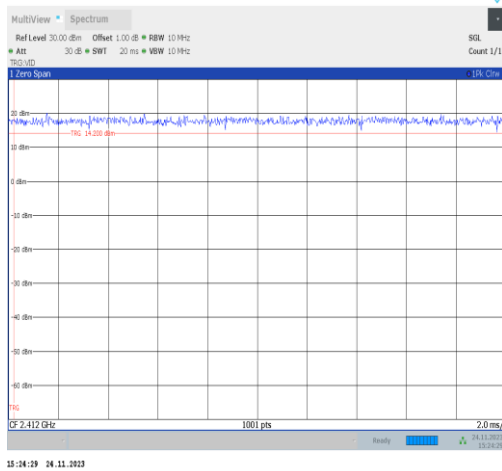
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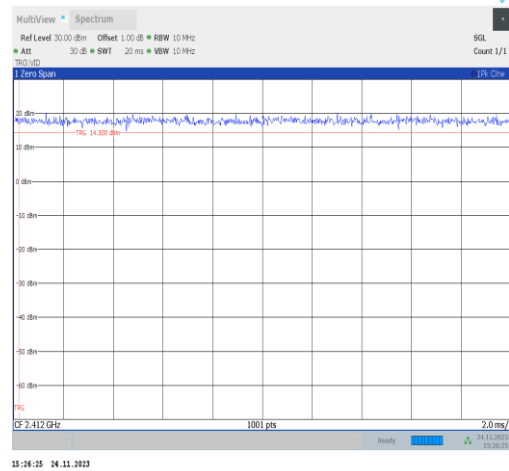
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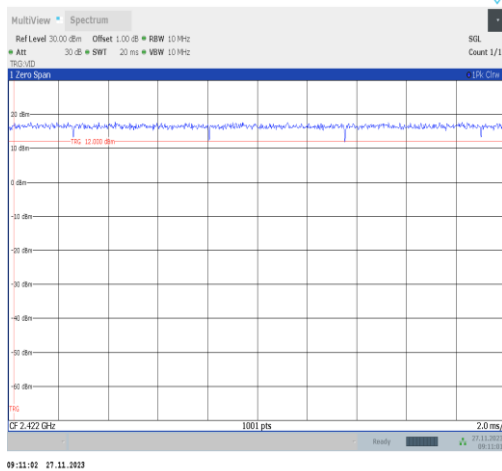
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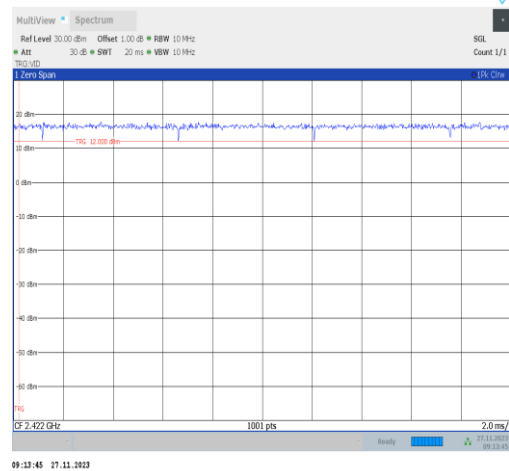
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NTVN-11ax20MIMO-Ant25-2412



NTVN-11ax40MIMO-Ant22-2422



NTVN-11ax40MIMO-Ant25-2422



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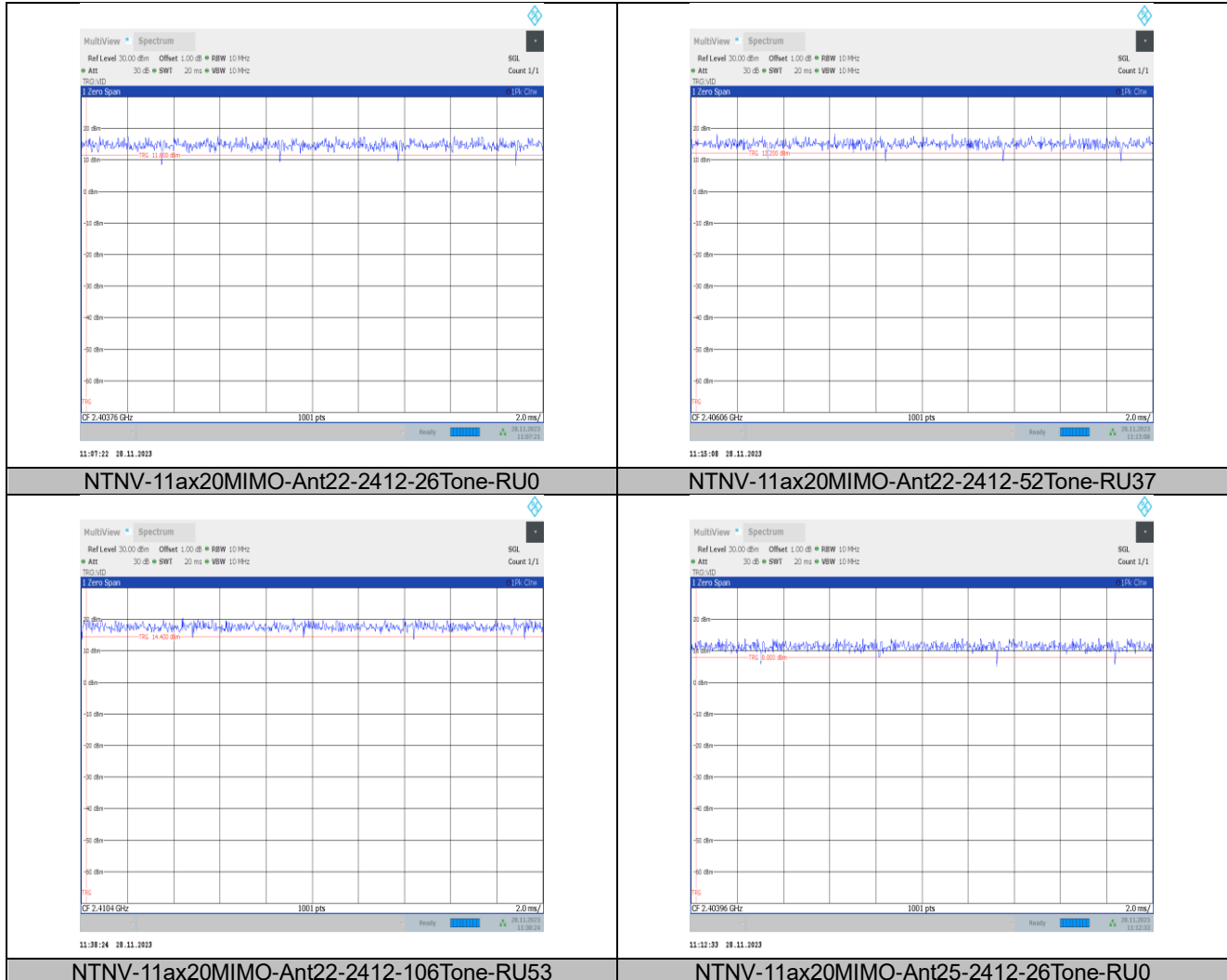
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Test Graphs for AX Part RU



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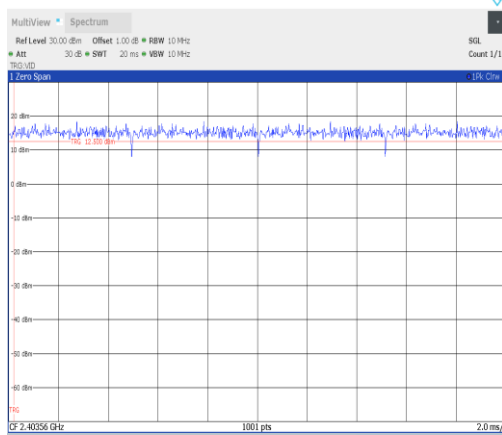
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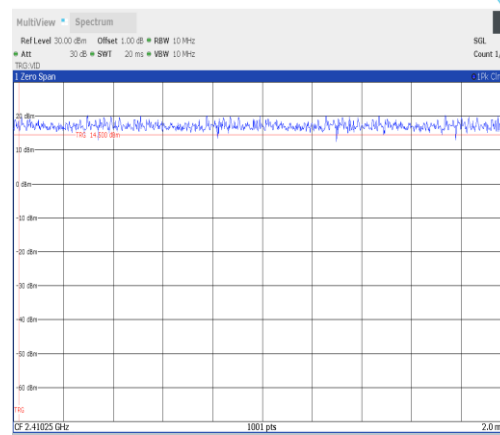
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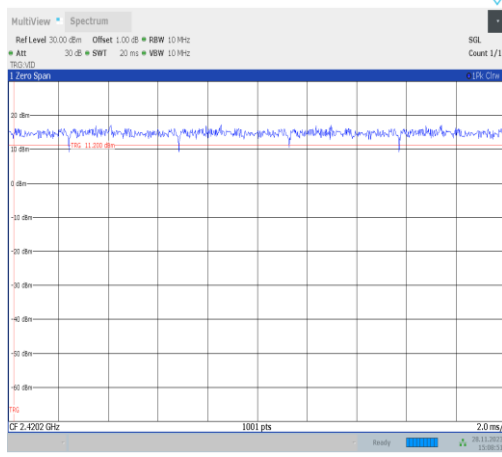
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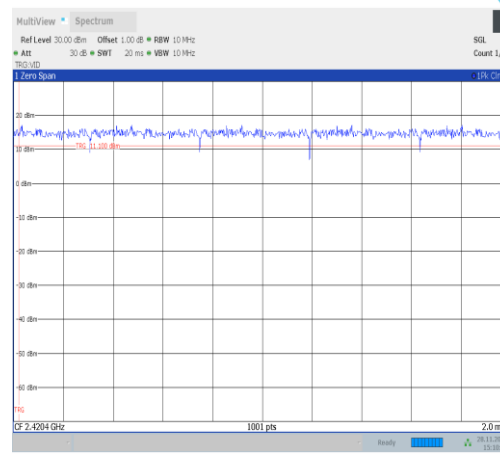
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NTVN-11ax40MIMO-Ant22-2422-242Tone-RU61



NTVN-11ax40MIMO-Ant25-2422-242Tone-RU61



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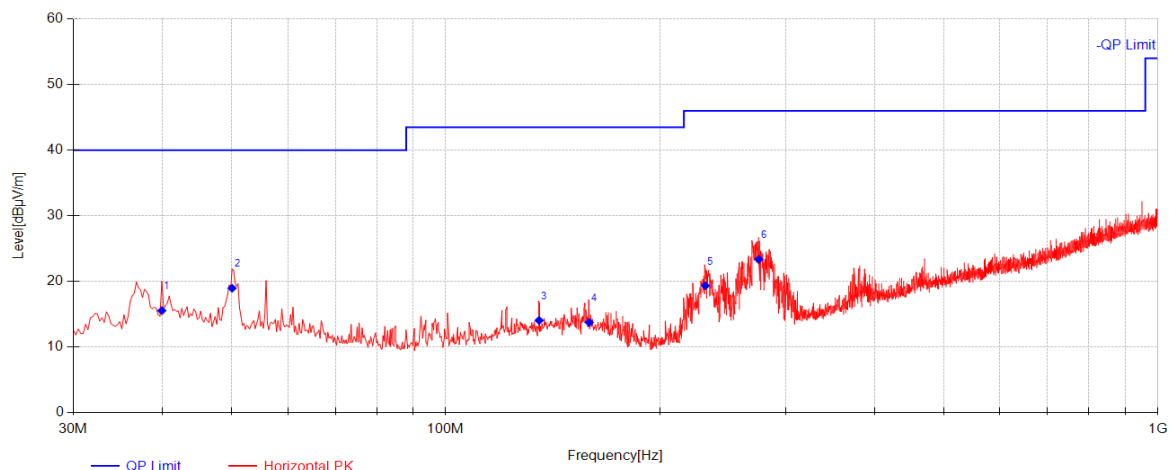
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Radiated Spurious Emissions

Radiated emission below 1GHz

Worst case Mode: 802.11ax40_Channel 04



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	39.9425	38.16	-42.32	19.69	15.53	40.00	24.47	Horizontal
2	50.1275	42.13	-42.38	19.19	18.95	40.00	21.05	Horizontal
3	135.245	37.26	-41.51	18.29	14.04	43.50	29.46	Horizontal
4	159.01	36.23	-40.80	18.31	13.74	43.50	29.76	Horizontal
5	231.5175	43.22	-40.77	16.88	19.33	46.00	26.67	Horizontal
6	275.1675	46.03	-40.39	17.71	23.35	46.00	22.65	Horizontal



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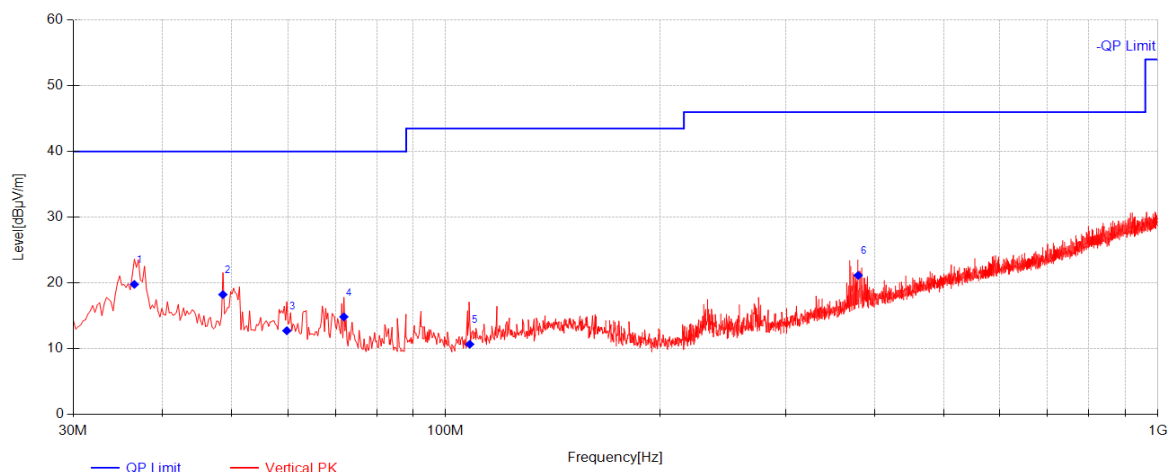
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Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	36.5475	43.26	-42.35	18.87	19.78	40.00	20.22	Vertical
2	48.6725	41.33	-42.37	19.27	18.22	40.00	21.78	Vertical
3	59.8275	36.16	-42.24	18.81	12.72	40.00	27.28	Vertical
4	71.9525	40.13	-42.03	16.73	14.83	40.00	25.17	Vertical
5	108.085	36.19	-41.76	16.23	10.66	43.50	32.84	Vertical
6	379.4425	40.02	-39.61	20.72	21.14	46.00	24.86	Vertical

Remark:

- 1) 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(dBμV) + AF(dB/m) + Factor(dB):

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier gain(dB)

Margin = Limit(dBμV/m) – Value(dBμV/m)

- 2) All channels have been tested, but only the worst case data displayed in this report.



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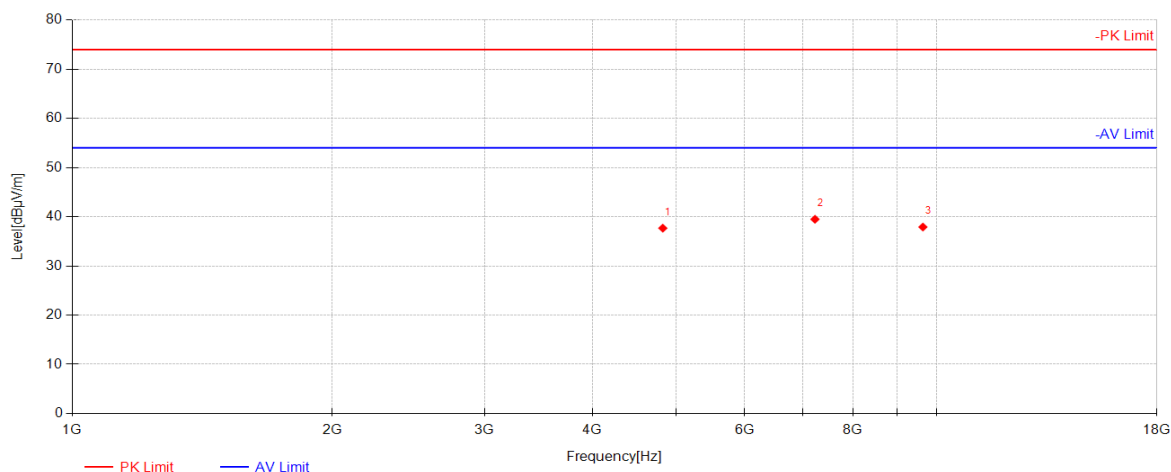
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Transmitter emission Above 1GHz

802.11b_Channel 01



Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824.0000	52.20	31.01	-45.54	37.68	74.00	36.32	Horizontal
2	7236.0000	47.17	35.86	-43.54	39.49	74.00	34.51	Horizontal
3	9648.0000	39.94	37.53	-39.56	37.91	74.00	36.09	Horizontal



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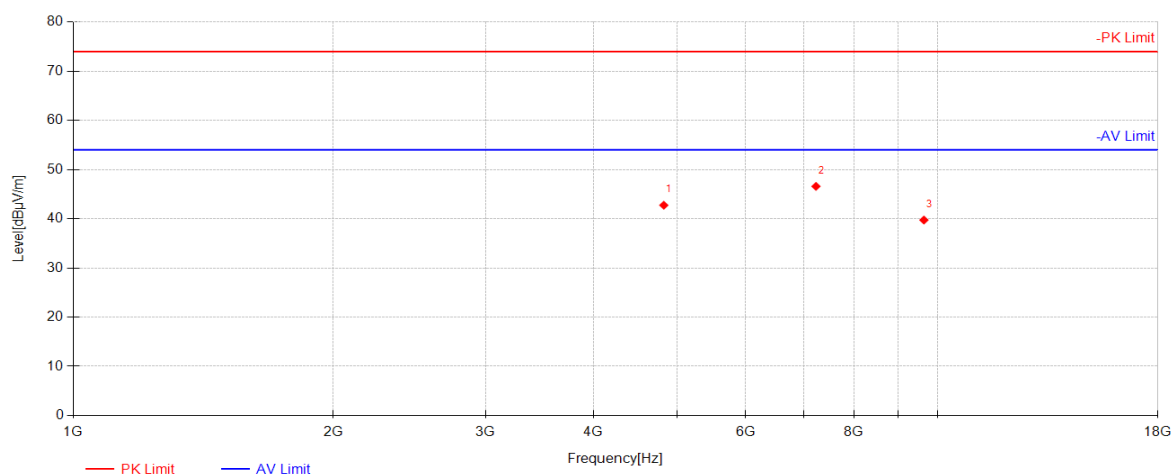
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824.0000	57.27	31.01	-45.54	42.75	74.00	31.25	Vertical
2	7236.0000	54.27	35.86	-43.54	46.59	74.00	27.41	Vertical
3	9648.0000	41.77	37.53	-39.56	39.74	74.00	34.26	Vertical



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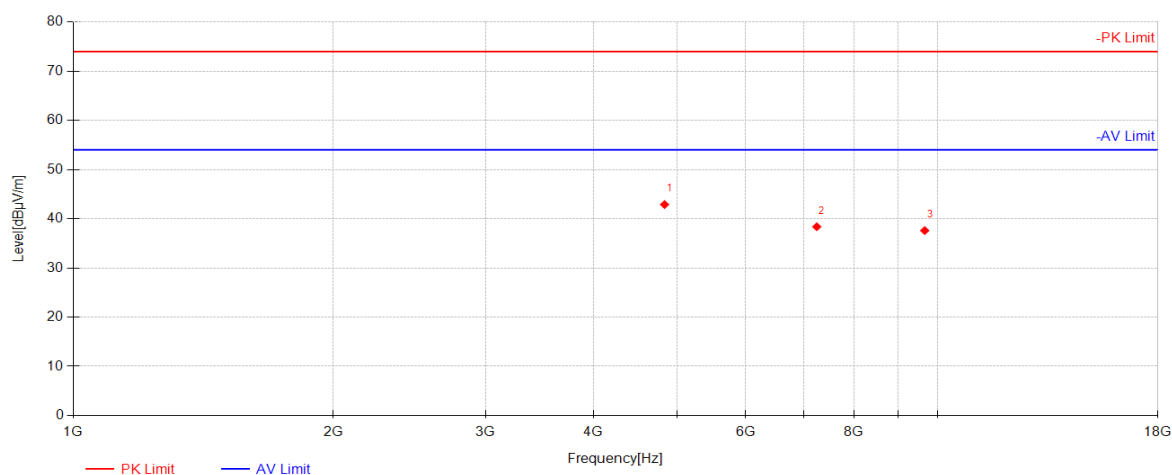
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4834.0000	57.39	31.03	-45.54	42.89	74.00	31.11	Horizontal
2	7251.0000	46.07	35.90	-43.59	38.38	74.00	35.62	Horizontal
3	9668.0000	39.54	37.57	-39.51	37.60	74.00	36.40	Horizontal



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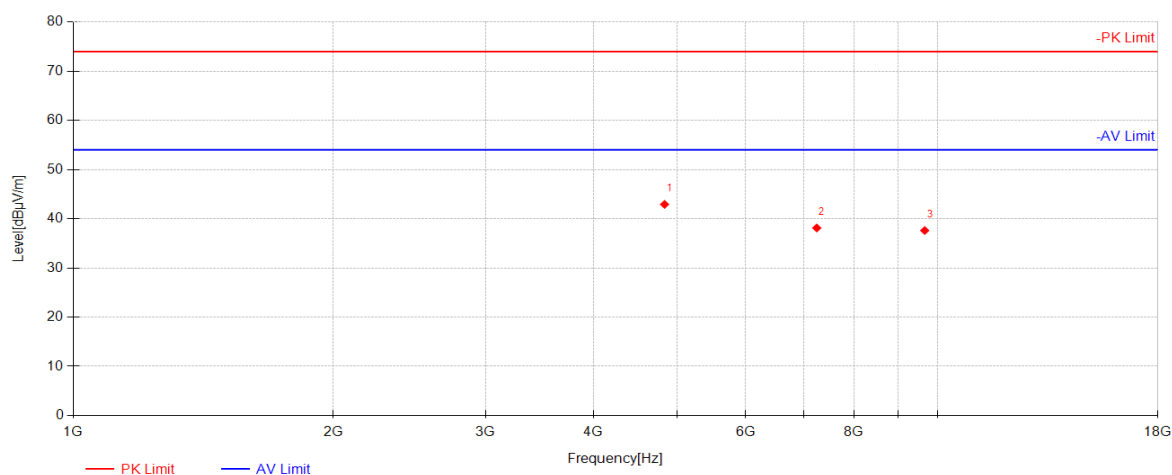
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4834.0000	57.43	31.03	-45.54	42.93	74.00	31.07	Vertical
2	7251.0000	45.82	35.90	-43.59	38.13	74.00	35.87	Vertical
3	9668.0000	39.55	37.57	-39.51	37.61	74.00	36.39	Vertical



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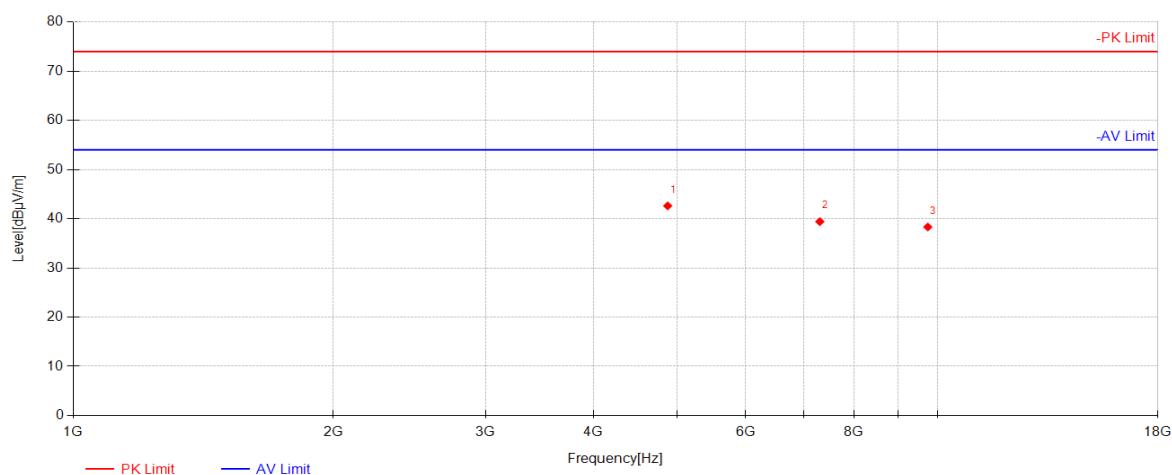
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874.0000	57.03	31.12	-45.53	42.62	74.00	31.38	Horizontal
2	7311.0000	47.06	36.07	-43.71	39.42	74.00	34.58	Horizontal
3	9748.0000	40.07	37.72	-39.46	38.33	74.00	35.67	Horizontal



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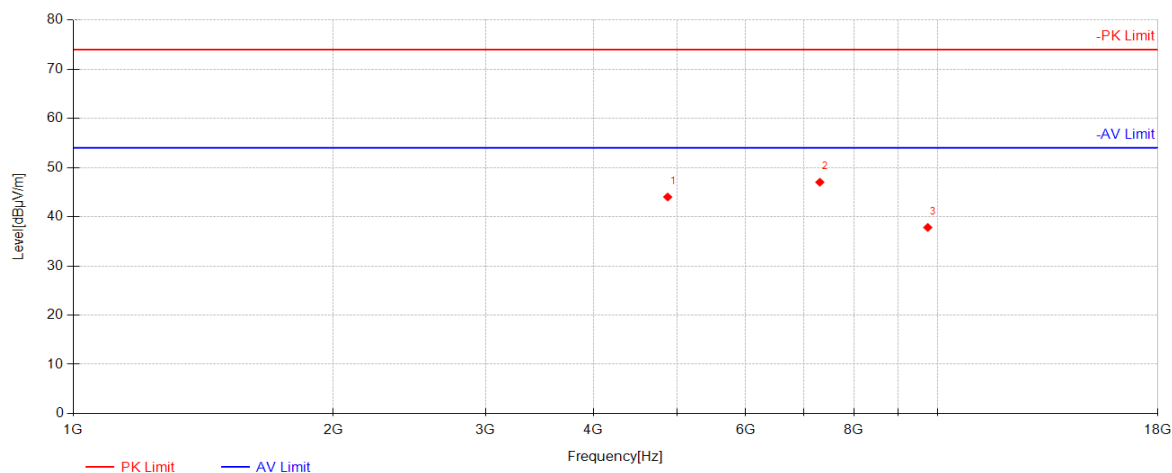
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874.0000	58.43	31.12	-45.53	44.02	74.00	29.98	Vertical
2	7311.0000	54.67	36.07	-43.71	47.03	74.00	26.97	Vertical
3	9748.0000	39.57	37.72	-39.46	37.83	74.00	36.17	Vertical



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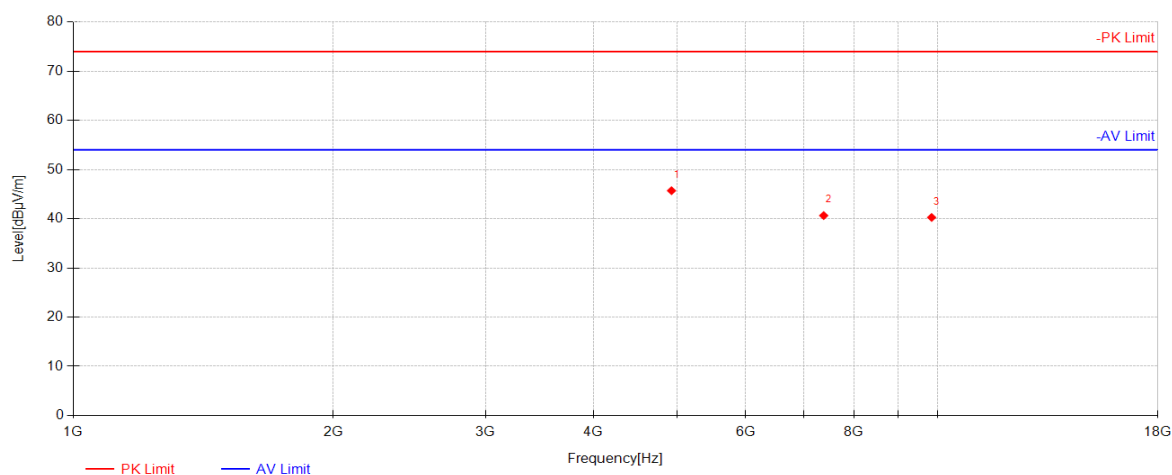
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924.0000	60.03	31.23	-45.56	45.71	74.00	28.29	Horizontal
2	7386.0000	47.83	36.28	-43.46	40.65	74.00	33.35	Horizontal
3	9848.0000	41.77	37.91	-39.41	40.27	74.00	33.73	Horizontal



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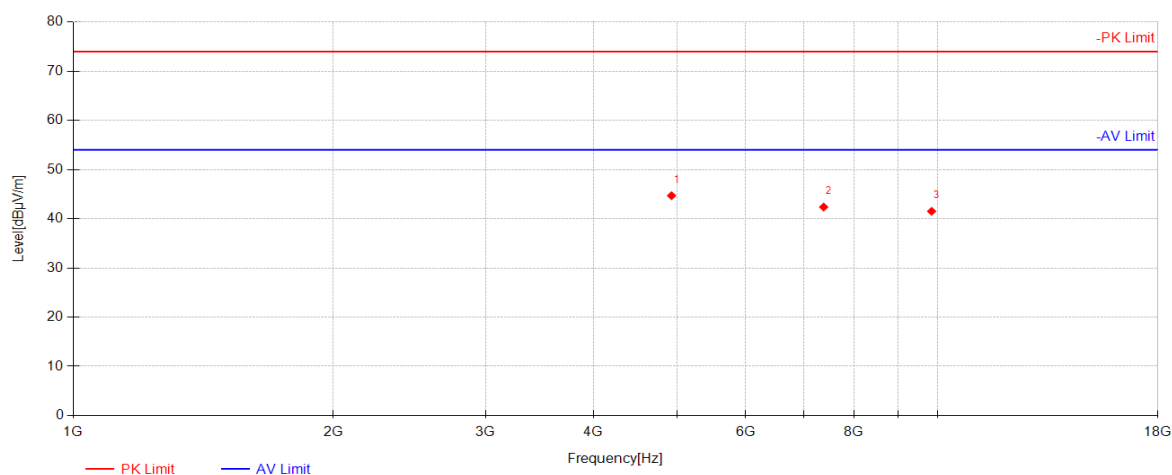
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924.0000	59.01	31.23	-45.56	44.69	74.00	29.31	Vertical
2	7386.0000	49.56	36.28	-43.46	42.38	74.00	31.62	Vertical
3	9848.0000	43.02	37.91	-39.41	41.52	74.00	32.48	Vertical



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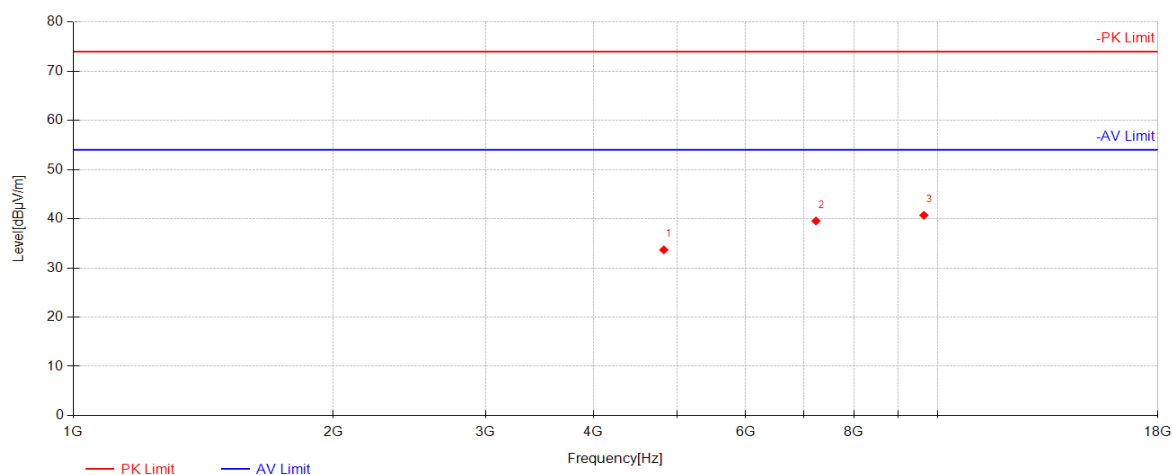
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824.0000	48.19	31.01	-45.54	33.67	74.00	40.33	Horizontal
2	7236.0000	47.23	35.86	-43.54	39.55	74.00	34.45	Horizontal
3	9648.0000	42.74	37.53	-39.56	40.71	74.00	33.29	Horizontal



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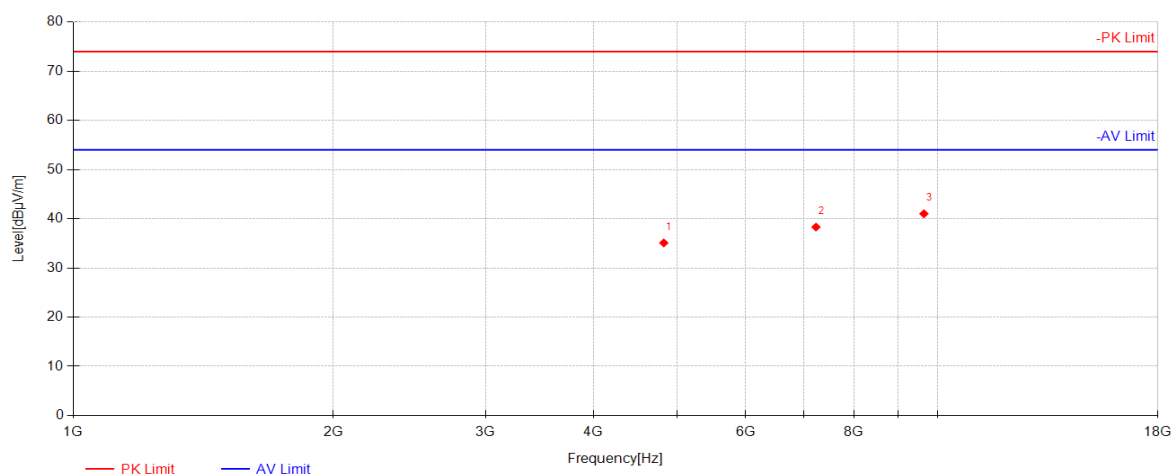
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824.0000	49.61	31.01	-45.54	35.09	74.00	38.91	Vertical
2	7236.0000	45.99	35.86	-43.54	38.31	74.00	35.69	Vertical
3	9648.0000	43.05	37.53	-39.56	41.02	74.00	32.98	Vertical



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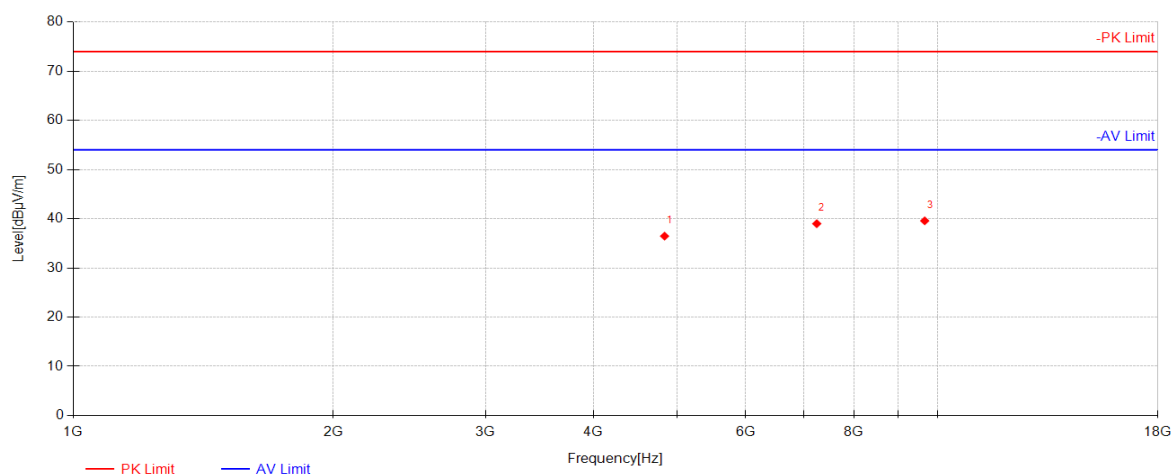
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4834.0000	50.97	31.03	-45.54	36.47	74.00	37.53	Horizontal
2	7251.0000	46.69	35.90	-43.59	39.00	74.00	35.00	Horizontal
3	9668.0000	41.52	37.57	-39.51	39.58	74.00	34.42	Horizontal



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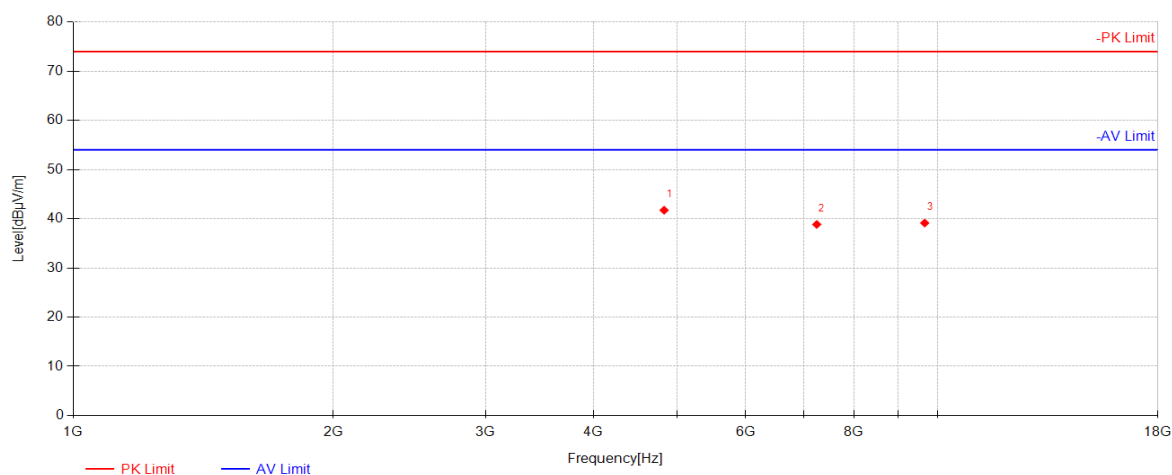
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4827.5	56.26	31.02	-45.54	41.74	74.00	32.26	Vertical
2	7251.0000	46.54	35.90	-43.59	38.85	74.00	35.15	Vertical
3	9668.0000	41.07	37.57	-39.51	39.13	74.00	34.87	Vertical



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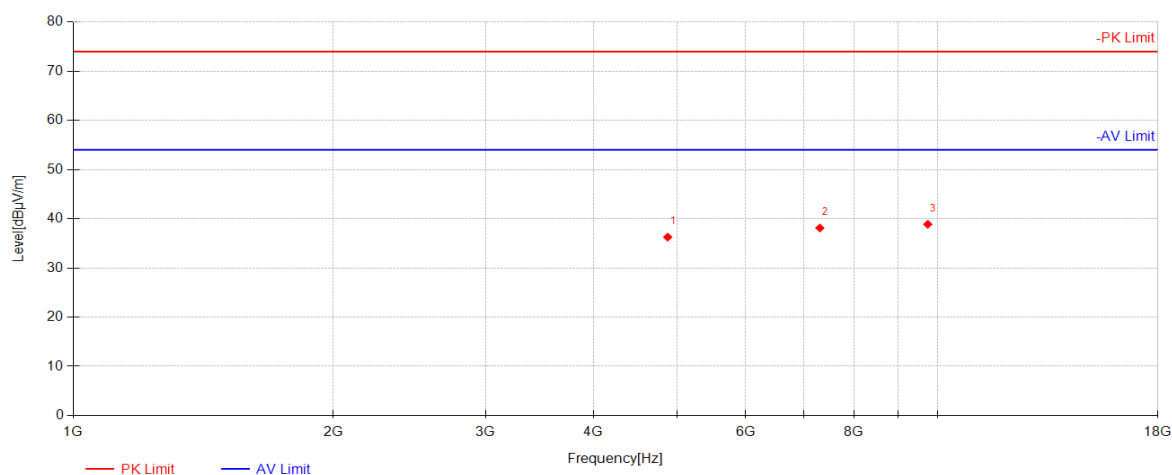
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802.11g_Channel 06



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874.0000	50.68	31.12	-45.53	36.27	74.00	37.73	Horizontal
2	7311.0000	45.76	36.07	-43.71	38.12	74.00	35.88	Horizontal
3	9748.0000	40.61	37.72	-39.46	38.87	74.00	35.13	Horizontal



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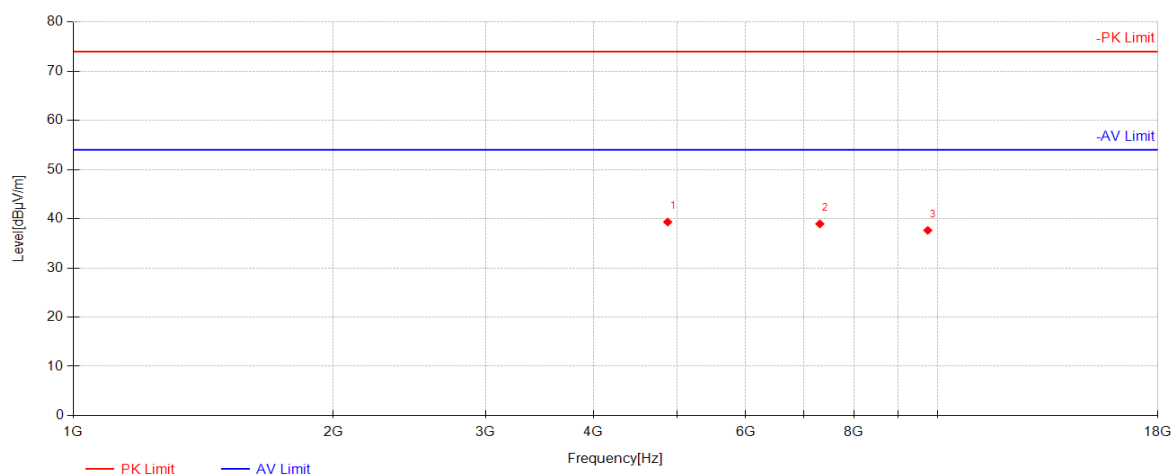
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874.0000	53.75	31.12	-45.53	39.34	74.00	34.66	Vertical
2	7311.0000	46.60	36.07	-43.71	38.96	74.00	35.04	Vertical
3	9748.0000	39.38	37.72	-39.46	37.64	74.00	36.36	Vertical



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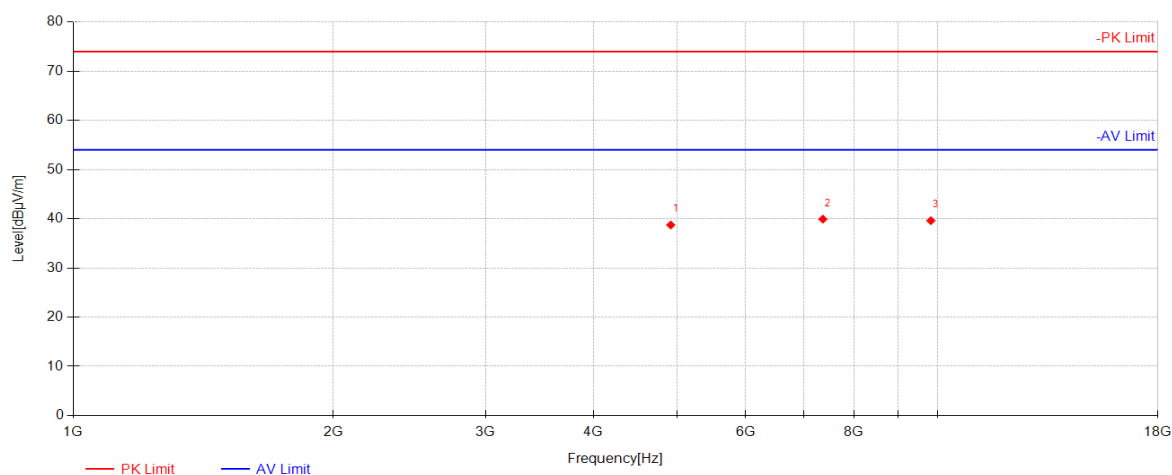
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802.11g_Channel 10



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4914.0000	53.07	31.21	-45.55	38.74	74.00	35.26	Horizontal
2	7371.0000	47.19	36.24	-43.51	39.92	74.00	34.08	Horizontal
3	9828.0000	41.18	37.87	-39.44	39.62	74.00	34.38	Horizontal



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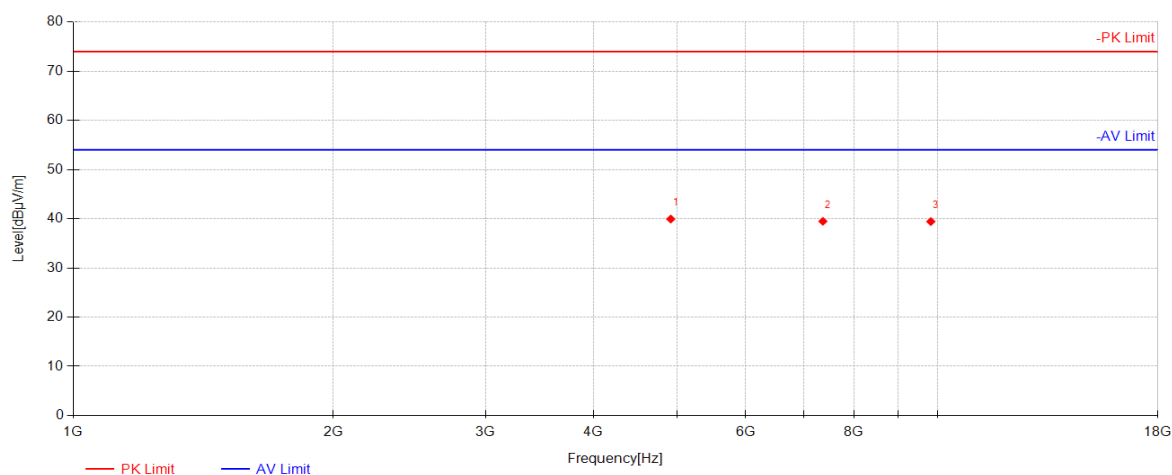
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4914.0000	54.27	31.21	-45.55	39.94	74.00	34.06	Vertical
2	7371.0000	46.75	36.24	-43.51	39.48	74.00	34.52	Vertical
3	9828.0000	40.99	37.87	-39.44	39.43	74.00	34.57	Vertical



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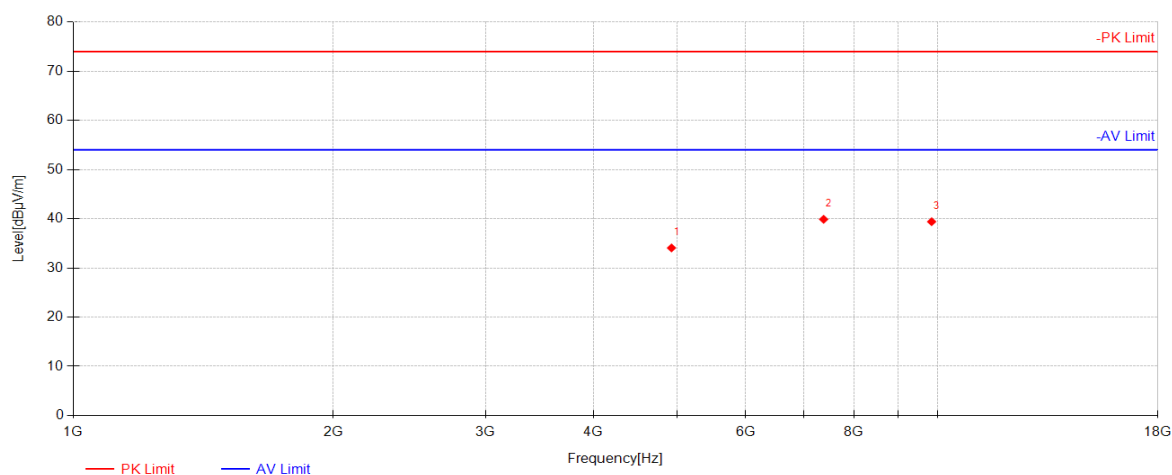
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924.0000	48.39	31.23	-45.56	34.07	74.00	39.93	Horizontal
2	7386.0000	47.07	36.28	-43.46	39.89	74.00	34.11	Horizontal
3	9848.0000	40.90	37.91	-39.41	39.40	74.00	34.60	Horizontal



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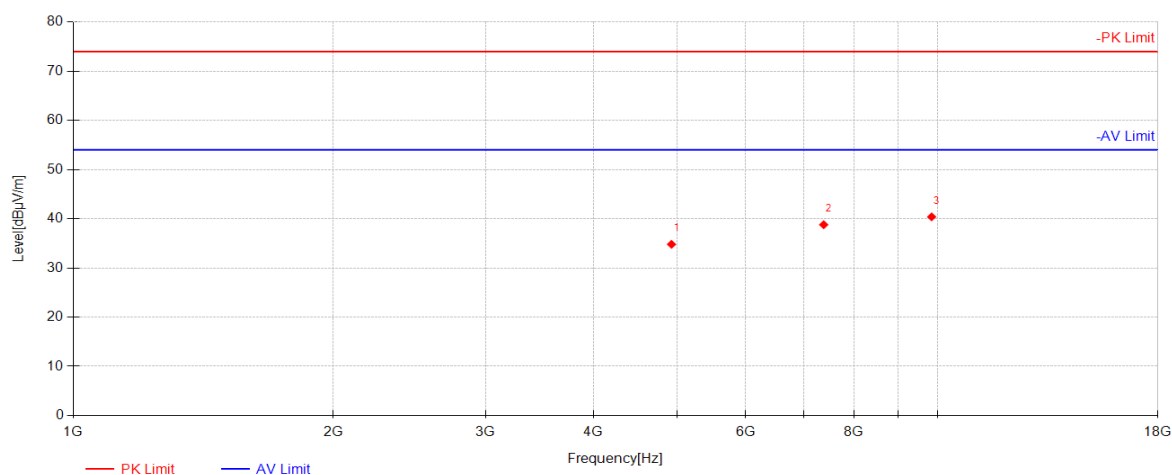
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924.0000	49.13	31.23	-45.56	34.81	74.00	39.19	Vertical
2	7386.0000	45.97	36.28	-43.46	38.79	74.00	35.21	Vertical
3	9848.0000	41.89	37.91	-39.41	40.39	74.00	33.61	Vertical



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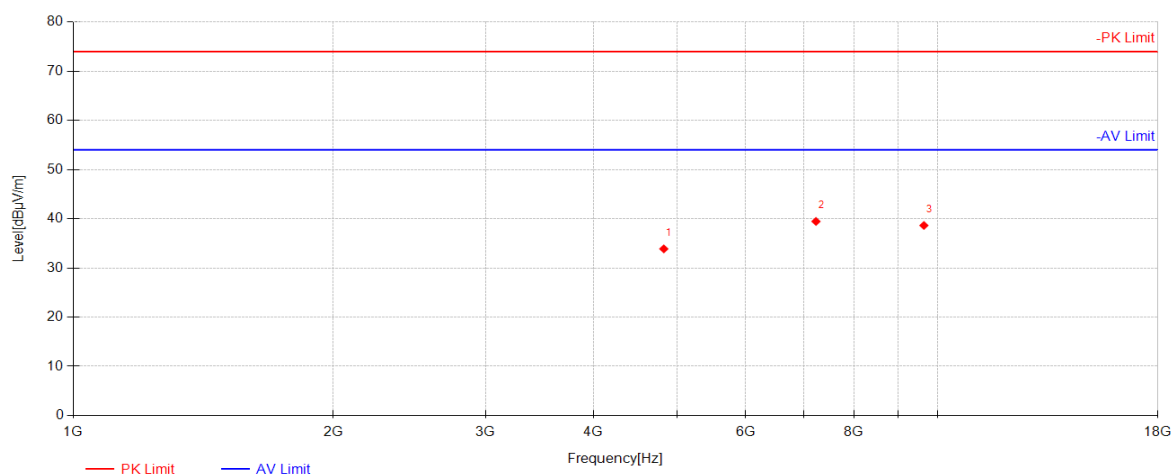
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802.11n20_Channel 01



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824.0000	48.40	31.01	-45.54	33.88	74.00	40.12	Horizontal
2	7236.0000	47.14	35.86	-43.54	39.46	74.00	34.54	Horizontal
3	9648.0000	40.67	37.53	-39.56	38.64	74.00	35.36	Horizontal



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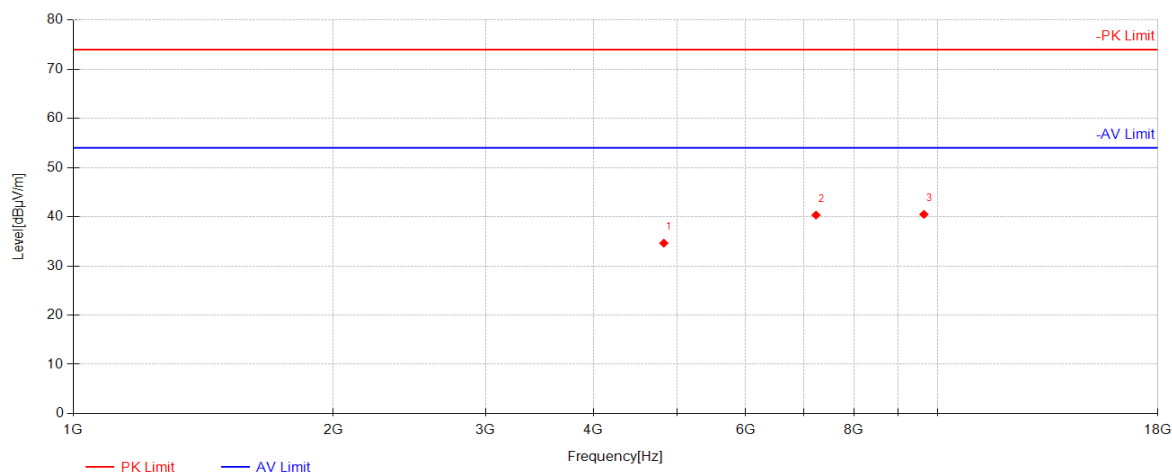
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824.0000	49.15	31.01	-45.54	34.63	74.00	39.37	Vertical
2	7236.0000	48.02	35.86	-43.54	40.34	74.00	33.66	Vertical
3	9648.0000	42.52	37.53	-39.56	40.49	74.00	33.51	Vertical



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