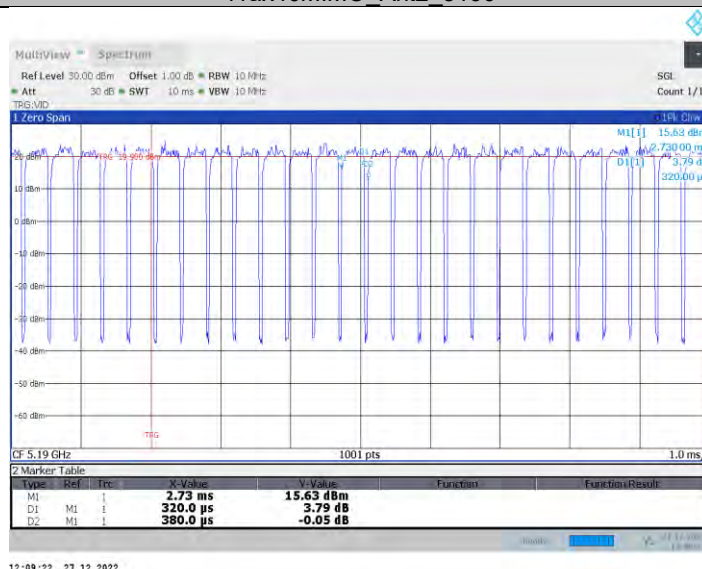


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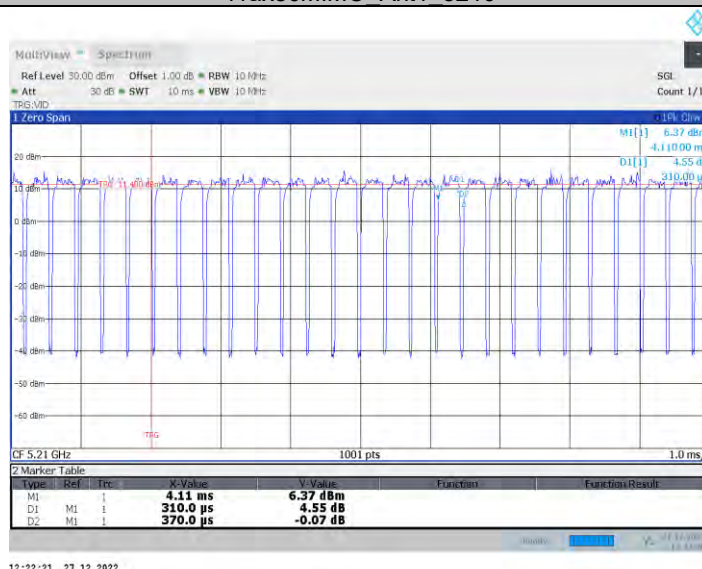
Page: 114 of 323

11ax40MIMO Ant2 5190



12:09:22 27.12.2022

11ax80MIMO Ant1 5210



12:22:21 27.12.2022



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11ax80MIMO_Ant2_5210



12:32:59 27.12.2022



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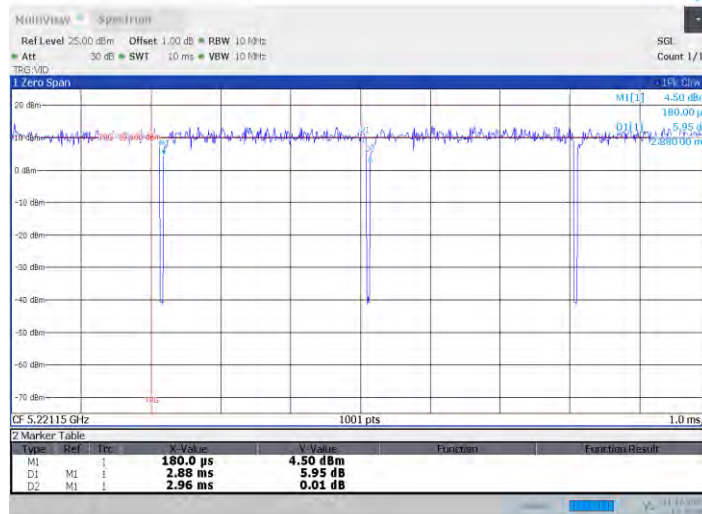
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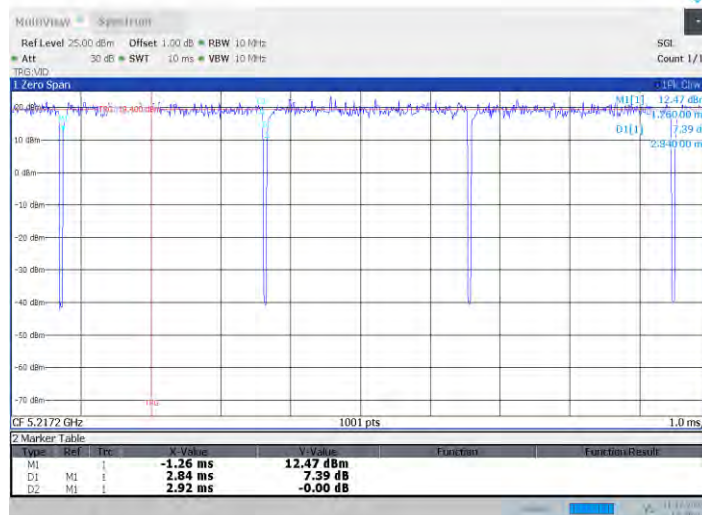
Test Graphs for AX Part RU

11ax20MIMO_Ant1_5220_26Tone_RU4



13:23:31 31.12.2022

11ax20MIMO_Ant1_5220_52Tone_RU38



13:26:21 31.12.2022



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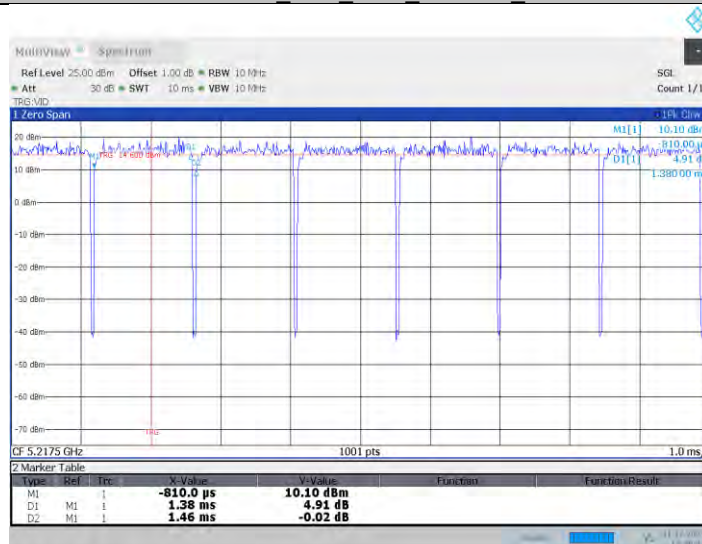
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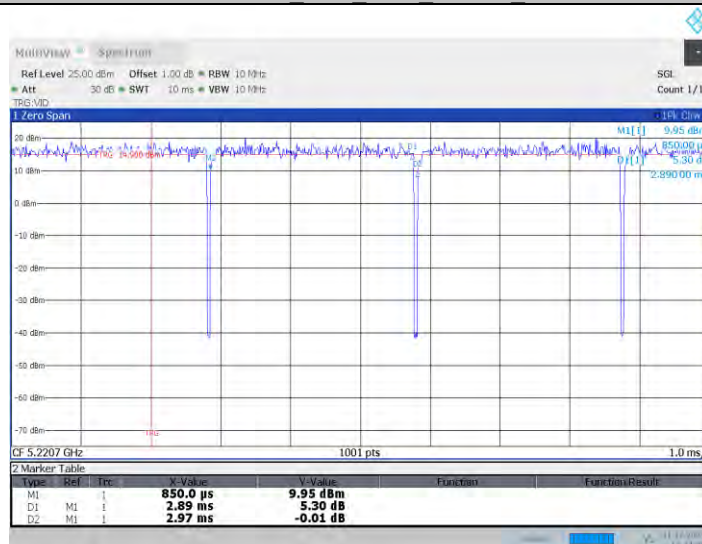
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11ax20MIMO Ant1 5220 106Tone_RU53



13:39:44 31.12.2022

11ax20MIMO Ant2 5220 26Tone_RU4



13:24:37 31.12.2022



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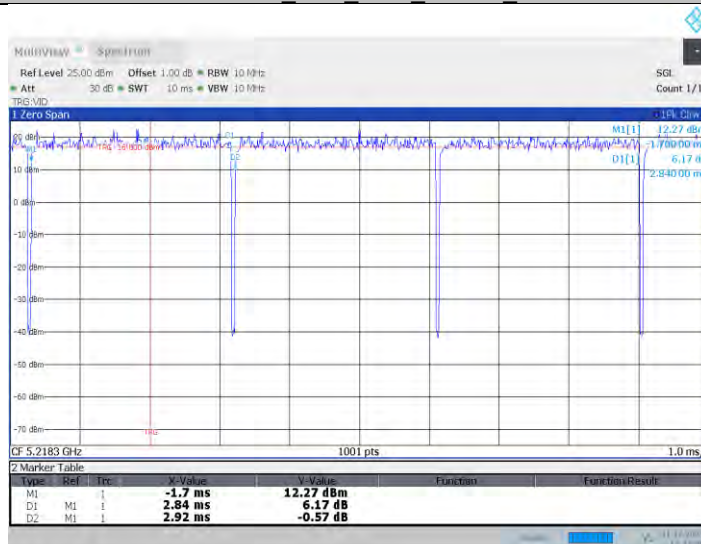
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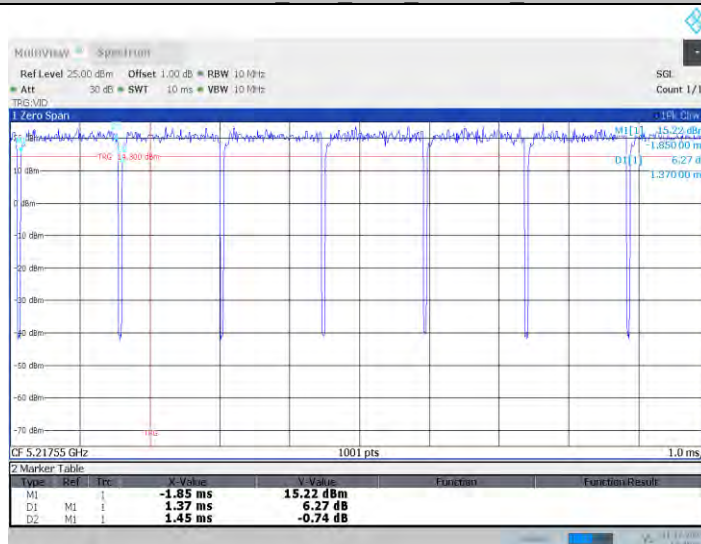
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11ax20MIMO Ant2 5220 52Tone RU38



13:33:49 31.12.2022

11ax20MIMO Ant2 5220 106Tone RU53



13:40:35 31.12.2022



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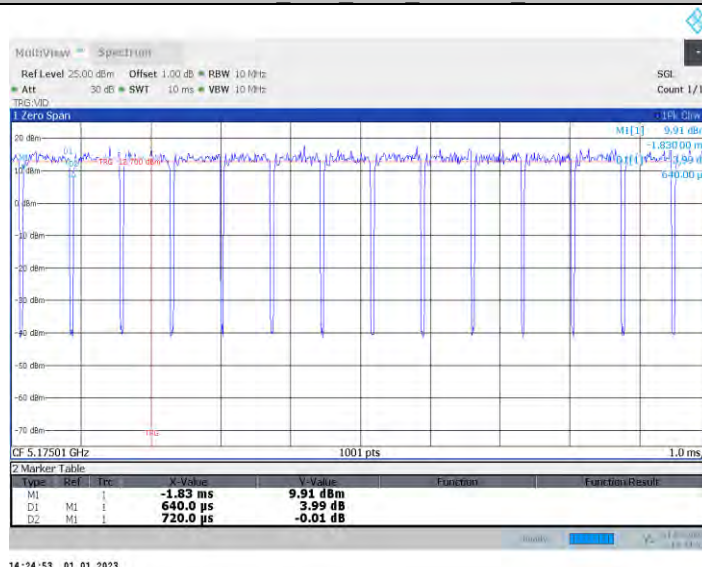
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11ax40MIMO Ant1_5190_242Tone_RU61



14:22:05 01.01.2023

11ax40MIMO Ant2_5190_242Tone_RU61



14:24:53 01.01.2023



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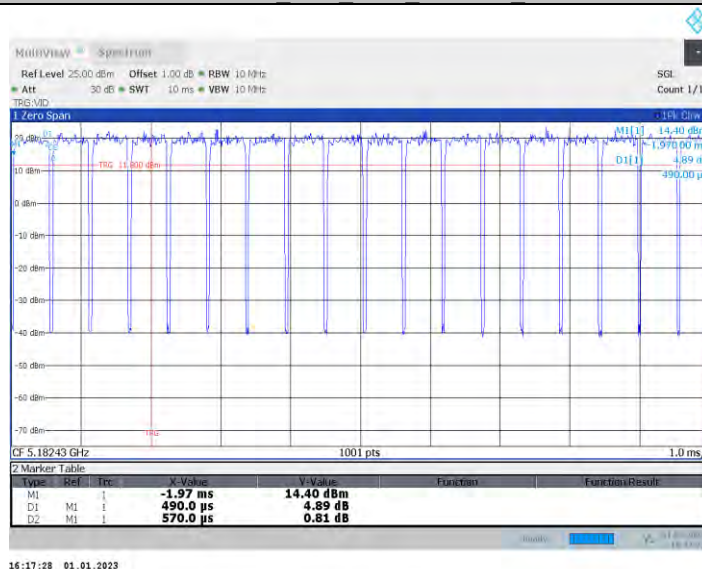
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11ax80MIMO Ant1 5210 484Tone_RU65



11ax80MIMO Ant2 5210 484Tone_RU65



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Maximum conducted output power Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11a	Ant1	5180	16.89	≤23.98	PASS
		5220	17.32	≤23.98	PASS
		5240	17.13	≤23.98	PASS
		5745	20.21	≤30.00	PASS
		5785	20.07	≤30.00	PASS
		5825	20.02	≤30.00	PASS
11a	Ant2	5180	16.78	≤23.98	PASS
		5220	16.98	≤23.98	PASS
		5240	16.95	≤23.98	PASS
		5745	20.19	≤30.00	PASS
		5785	19.89	≤30.00	PASS
		5825	19.98	≤30.00	PASS
11ac20MIMO	Ant1	5180	12.55	≤23.98	PASS
	Ant2	5180	16.59	≤23.98	PASS
	total	5180	18.03	≤23.98	PASS
	Ant1	5220	12.52	≤23.98	PASS
	Ant2	5220	16.68	≤23.98	PASS
	total	5220	18.09	≤23.98	PASS
	Ant1	5240	12.51	≤23.98	PASS
	Ant2	5240	16.64	≤23.98	PASS
	total	5240	18.06	≤23.98	PASS
	Ant1	5745	19.21	≤30.00	PASS
	Ant2	5745	20.22	≤30.00	PASS
	total	5745	22.75	≤30.00	PASS
	Ant1	5785	18.95	≤30.00	PASS
	Ant2	5785	20.02	≤30.00	PASS
	total	5785	22.53	≤30.00	PASS
	Ant1	5825	18.02	≤30.00	PASS
	Ant2	5825	19.47	≤30.00	PASS
	total	5825	21.82	≤30.00	PASS
11ac40MIMO	Ant1	5190	13.16	≤23.98	PASS
	Ant2	5190	18.41	≤23.98	PASS
	total	5190	19.54	≤23.98	PASS
	Ant1	5230	13.36	≤23.98	PASS
	Ant2	5230	18.03	≤23.98	PASS
	total	5230	19.30	≤23.98	PASS
	Ant1	5755	17.55	≤30.00	PASS
	Ant2	5755	18.31	≤30.00	PASS
	total	5755	20.96	≤30.00	PASS
	Ant1	5795	16.62	≤30.00	PASS
	Ant2	5795	18.41	≤30.00	PASS
	total	5795	20.62	≤30.00	PASS
11ac80MIMO	Ant1	5210	10.45	≤23.98	PASS
	Ant2	5210	15.56	≤23.98	PASS
	total	5210	16.73	≤23.98	PASS
	Ant1	5775	16.23	≤30.00	PASS
	Ant2	5775	18.06	≤30.00	PASS
	total	5775	20.25	≤30.00	PASS
11ax20MIMO	Ant1	5180	12.16	≤23.98	PASS
	Ant2	5180	17.13	≤23.98	PASS
	total	5180	18.33	≤23.98	PASS



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	Ant1	5220	12.13	≤23.98	PASS
	Ant2	5220	17.03	≤23.98	PASS
	total	5220	18.25	≤23.98	PASS
	Ant1	5240	12.15	≤23.98	PASS
	Ant2	5240	17.13	≤23.98	PASS
	total	5240	18.33	≤23.98	PASS
	Ant1	5745	18.82	≤30.00	PASS
	Ant2	5745	20.11	≤30.00	PASS
	total	5745	22.52	≤30.00	PASS
	Ant1	5785	18.69	≤30.00	PASS
	Ant2	5785	20.03	≤30.00	PASS
	total	5785	22.42	≤30.00	PASS
	Ant1	5825	18.26	≤30.00	PASS
	Ant2	5825	20.12	≤30.00	PASS
	total	5825	22.30	≤30.00	PASS
11ax40MIMO	Ant1	5190	12.78	≤23.98	PASS
	Ant2	5190	16.75	≤23.98	PASS
	total	5190	18.21	≤23.98	PASS
	Ant1	5230	12.16	≤23.98	PASS
	Ant2	5230	16.65	≤23.98	PASS
	total	5230	17.97	≤23.98	PASS
	Ant1	5755	16.79	≤30.00	PASS
	Ant2	5755	18.32	≤30.00	PASS
	total	5755	20.63	≤30.00	PASS
	Ant1	5795	16.86	≤30.00	PASS
11ax80MIMO	Ant2	5795	18.24	≤30.00	PASS
	total	5795	20.61	≤30.00	PASS
	Ant1	5210	10.88	≤23.98	PASS
	Ant2	5210	16.01	≤23.98	PASS
	total	5210	17.17	≤23.98	PASS
	Ant1	5775	15.52	≤30.00	PASS
	Ant2	5775	17.08	≤30.00	PASS
	total	5775	19.38	≤30.00	PASS



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Test Result for AX Part RU

Test Mode	Antenna	Frequency[MHz]	Ru Size	Ru Index	Result [dBm]	Limit [dBm]	Verdict
11ax20MIMO	Ant1	5180	26Tone	RU0	3.49	≤23.98	PASS
			52Tone	RU37	7.75	≤23.98	PASS
			106Tone	RU53	10.19	≤23.98	PASS
	Ant2	5180	26Tone	RU0	9.63	≤23.98	PASS
			52Tone	RU37	12.59	≤23.98	PASS
			106Tone	RU53	12.94	≤23.98	PASS
	total	5180	26Tone	RU0	10.58	≤23.98	PASS
			52Tone	RU37	13.82	≤23.98	PASS
			106Tone	RU53	14.79	≤23.98	PASS
	Ant1	5220	26Tone	RU4	4.29	≤23.98	PASS
			52Tone	RU38	7.88	≤23.98	PASS
			106Tone	RU53	10.13	≤23.98	PASS
	Ant2	5220	26Tone	RU4	9.74	≤23.98	PASS
			52Tone	RU38	11.62	≤23.98	PASS
			106Tone	RU53	14.62	≤23.98	PASS
	total	5220	26Tone	RU4	10.83	≤23.98	PASS
			52Tone	RU38	13.15	≤23.98	PASS
			106Tone	RU53	15.94	≤23.98	PASS
	Ant1	5240	26Tone	RU8	2.98	≤23.98	PASS
			52Tone	RU40	7.67	≤23.98	PASS
			106Tone	RU54	9.58	≤23.98	PASS
	Ant2	5240	26Tone	RU8	9.11	≤23.98	PASS
			52Tone	RU40	11.98	≤23.98	PASS
			106Tone	RU54	14.51	≤23.98	PASS
	total	5240	26Tone	RU8	10.06	≤23.98	PASS
			52Tone	RU40	13.35	≤23.98	PASS
			106Tone	RU54	15.72	≤23.98	PASS
	Ant1	5745	26Tone	RU0	18.24	≤30.00	PASS
			52Tone	RU37	17.91	≤30.00	PASS
			106Tone	RU53	17.31	≤30.00	PASS
	Ant2	5745	26Tone	RU0	18.66	≤30.00	PASS
			52Tone	RU37	18.78	≤30.00	PASS
			106Tone	RU53	18.86	≤30.00	PASS
	total	5745	26Tone	RU0	21.47	≤30.00	PASS
			52Tone	RU37	21.38	≤30.00	PASS
			106Tone	RU53	21.16	≤30.00	PASS
	Ant1	5785	26Tone	RU4	17.22	≤30.00	PASS
			52Tone	RU38	18.05	≤30.00	PASS
			106Tone	RU53	17.84	≤30.00	PASS
	Ant2	5785	26Tone	RU4	19.39	≤30.00	PASS
			52Tone	RU38	19.41	≤30.00	PASS
			106Tone	RU53	19.08	≤30.00	PASS
	total	5785	26Tone	RU4	21.45	≤30.00	PASS
			52Tone	RU38	21.79	≤30.00	PASS
			106Tone	RU53	21.51	≤30.00	PASS
	Ant1	5825	26Tone	RU8	17.12	≤30.00	PASS
			52Tone	RU40	16.21	≤30.00	PASS
			106Tone	RU54	16.16	≤30.00	PASS
	Ant2	5825	26Tone	RU8	19.87	≤30.00	PASS
			52Tone	RU40	19.31	≤30.00	PASS
			106Tone	RU54	19.47	≤30.00	PASS
	total	5825	26Tone	RU8	21.72	≤30.00	PASS
			52Tone	RU40	21.04	≤30.00	PASS



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			106Tone	RU54	21.13	≤30.00	PASS
11ax40MIMO	Ant1	5190	242Tone	RU61	11.22	≤23.98	PASS
	Ant2	5190	242Tone	RU61	16.91	≤23.98	PASS
	total	5190	242Tone	RU61	17.95	≤23.98	PASS
	Ant1	5230	242Tone	RU62	11.81	≤23.98	PASS
	Ant2	5230	242Tone	RU62	16.23	≤23.98	PASS
	total	5230	242Tone	RU62	17.57	≤23.98	PASS
	Ant1	5755	242Tone	RU61	16.70	≤30.00	PASS
	Ant2	5755	242Tone	RU61	17.62	≤30.00	PASS
	total	5755	242Tone	RU61	20.19	≤30.00	PASS
	Ant1	5795	242Tone	RU62	16.72	≤30.00	PASS
	Ant2	5795	242Tone	RU62	17.81	≤30.00	PASS
	total	5795	242Tone	RU62	20.31	≤30.00	PASS
11ax80MIMO	Ant1	5210	484Tone	RU65	10.54	≤23.98	PASS
	Ant2	5210	484Tone	RU65	15.89	≤23.98	PASS
	total	5210	484Tone	RU65	17.00	≤23.98	PASS
	Ant1	5775	484Tone	RU66	15.54	≤30.00	PASS
	Ant2	5775	484Tone	RU66	16.95	≤30.00	PASS
	total	5775	484Tone	RU66	19.31	≤30.00	PASS



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Maximum power spectral density Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11a	Ant1	5180	10.09	≤11.00	PASS
		5220	9.24	≤11.00	PASS
		5240	9.42	≤11.00	PASS
		5745	7.73	≤30.00	PASS
		5785	7.48	≤30.00	PASS
		5825	7.48	≤30.00	PASS
11ac20MIMO	Ant1	5180	1.86	≤11.00	PASS
	Ant2	5180	6.75	≤11.00	PASS
	total	5180	7.97	≤8.54	PASS
	Ant1	5220	0.43	≤11.00	PASS
	Ant2	5220	6.93	≤11.00	PASS
	total	5220	7.81	≤8.54	PASS
	Ant1	5240	0.22	≤11.00	PASS
	Ant2	5240	6.53	≤11.00	PASS
	total	5240	7.44	≤8.54	PASS
	Ant1	5745	5.29	≤30.00	PASS
	Ant2	5745	5.25	≤30.00	PASS
	total	5745	8.28	≤28.87	PASS
	Ant1	5785	4.99	≤30.00	PASS
	Ant2	5785	5.11	≤30.00	PASS
	total	5785	8.06	≤28.87	PASS
	Ant1	5825	3.86	≤30.00	PASS
	Ant2	5825	3.75	≤30.00	PASS
	total	5825	6.82	≤28.87	PASS
11ac40MIMO	Ant1	5190	-0.19	≤11.00	PASS
	Ant2	5190	5.78	≤11.00	PASS
	total	5190	6.76	≤8.54	PASS
	Ant1	5230	0.11	≤11.00	PASS
	Ant2	5230	5.19	≤11.00	PASS
	total	5230	6.36	≤8.54	PASS
	Ant1	5755	1.38	≤30.00	PASS
	Ant2	5755	3.64	≤30.00	PASS
	total	5755	5.67	≤28.87	PASS
	Ant1	5795	1.29	≤30.00	PASS
	Ant2	5795	3.54	≤30.00	PASS
	total	5795	5.57	≤28.87	PASS
11ac80MIMO	Ant1	5210	-4.7	≤11.00	PASS
	Ant2	5210	0.31	≤11.00	PASS
	total	5210	1.50	≤8.54	PASS
	Ant1	5775	-1.87	≤30.00	PASS
	Ant2	5775	-1.41	≤30.00	PASS
	total	5775	1.38	≤28.87	PASS
11ax20MIMO	Ant1	5180	1.46	≤11.00	PASS
	Ant2	5180	6.05	≤11.00	PASS
	total	5180	7.35	≤8.54	PASS
	Ant1	5220	1.6	≤11.00	PASS
	Ant2	5220	5.98	≤11.00	PASS
	total	5220	7.33	≤8.54	PASS
	Ant1	5240	1.89	≤11.00	PASS
	Ant2	5240	5.75	≤11.00	PASS
	total	5240	7.25	≤8.54	PASS



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	Ant1	5745	5.84	≤30.00	PASS
	Ant2	5745	6.29	≤30.00	PASS
	total	5745	9.08	≤28.87	PASS
	Ant1	5785	4.87	≤30.00	PASS
	Ant2	5785	4.98	≤30.00	PASS
	total	5785	7.94	≤28.87	PASS
	Ant1	5825	4.6	≤30.00	PASS
	Ant2	5825	4.53	≤30.00	PASS
11ax40MIMO	total	5825	7.58	≤28.87	PASS
	Ant1	5190	-0.6	≤11.00	PASS
	Ant2	5190	4.61	≤11.00	PASS
	total	5190	5.75	≤8.54	PASS
	Ant1	5230	-0.29	≤11.00	PASS
	Ant2	5230	3.98	≤11.00	PASS
	total	5230	5.36	≤8.54	PASS
	Ant1	5755	2.19	≤30.00	PASS
	Ant2	5755	3.5	≤30.00	PASS
	total	5755	5.90	≤28.87	PASS
	Ant1	5795	1.26	≤30.00	PASS
	Ant2	5795	3.57	≤30.00	PASS
11ax80MIMO	total	5795	5.58	≤28.87	PASS
	Ant1	5210	-4.47	≤11.00	PASS
	Ant2	5210	0.33	≤11.00	PASS
	total	5210	1.57	≤8.54	PASS
	Ant1	5775	-2.81	≤30.00	PASS
	Ant2	5775	-1.49	≤30.00	PASS
	total	5775	0.91	≤28.87	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Remark:

For WLAN 802.11a SISO mode, only select the antenna of power worst for test.



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Test Result for AX Part RU

Test Mode	Antenna	Frequency[MHz]	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11ax20MIMO	Ant1	5180	26Tone	RU0	1.26	≤11.00	PASS
			52Tone	RU37	2.57	≤11.00	PASS
			106Tone	RU53	1.82	≤11.00	PASS
	Ant2	5180	26Tone	RU0	7.02	≤11.00	PASS
			52Tone	RU37	7.08	≤11.00	PASS
			106Tone	RU53	7.04	≤11.00	PASS
	total	5180	26Tone	RU0	8.04	≤8.54	PASS
			52Tone	RU37	8.40	≤8.54	PASS
			106Tone	RU53	8.18	≤8.54	PASS
	Ant1	5220	26Tone	RU4	0.5	≤11.00	PASS
			52Tone	RU38	2.39	≤11.00	PASS
			106Tone	RU53	1.83	≤11.00	PASS
	Ant2	5220	26Tone	RU4	5.92	≤11.00	PASS
			52Tone	RU38	6.27	≤11.00	PASS
			106Tone	RU53	6.3	≤11.00	PASS
	total	5220	26Tone	RU4	7.02	≤8.54	PASS
			52Tone	RU38	7.76	≤8.54	PASS
			106Tone	RU53	7.63	≤8.54	PASS
	Ant1	5240	26Tone	RU8	0.32	≤11.00	PASS
			52Tone	RU40	2.27	≤11.00	PASS
			106Tone	RU54	1.23	≤11.00	PASS
	Ant2	5240	26Tone	RU8	6.69	≤11.00	PASS
			52Tone	RU40	6.76	≤11.00	PASS
			106Tone	RU54	6.29	≤11.00	PASS
	total	5240	26Tone	RU8	7.59	≤8.54	PASS
			52Tone	RU40	8.08	≤8.54	PASS
			106Tone	RU54	7.47	≤8.54	PASS
	Ant1	5745	26Tone	RU0	13.87	≤30.00	PASS
			52Tone	RU37	10.52	≤30.00	PASS
			106Tone	RU53	6.94	≤30.00	PASS
	Ant2	5745	26Tone	RU0	14.28	≤30.00	PASS
			52Tone	RU37	11.51	≤30.00	PASS
			106Tone	RU53	8.69	≤30.00	PASS
	total	5745	26Tone	RU0	17.09	≤28.87	PASS
			52Tone	RU37	14.05	≤28.87	PASS
			106Tone	RU53	10.91	≤28.87	PASS
	Ant1	5785	26Tone	RU4	11.96	≤30.00	PASS
			52Tone	RU38	9.79	≤30.00	PASS
			106Tone	RU53	6.6	≤30.00	PASS
	Ant2	5785	26Tone	RU4	14.13	≤30.00	PASS
			52Tone	RU38	10.94	≤30.00	PASS
			106Tone	RU53	7.92	≤30.00	PASS
	total	5785	26Tone	RU4	16.19	≤28.87	PASS
			52Tone	RU38	13.41	≤28.87	PASS
			106Tone	RU53	10.32	≤28.87	PASS
	Ant1	5825	26Tone	RU8	10.72	≤30.00	PASS
			52Tone	RU40	7.87	≤30.00	PASS
			106Tone	RU54	4.97	≤30.00	PASS
	Ant2	5825	26Tone	RU8	13.59	≤30.00	PASS
			52Tone	RU40	8.24	≤30.00	PASS
			106Tone	RU54	8.22	≤30.00	PASS
	total	5825	26Tone	RU8	15.40	≤28.87	PASS
			52Tone	RU40	11.07	≤28.87	PASS



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			106Tone	RU54	9.90	≤28.87	PASS
11ax40MIMO	Ant1	5190	242Tone	RU61	-0.26	≤11.00	PASS
	Ant2	5190	242Tone	RU61	5.18	≤11.00	PASS
	total	5190	242Tone	RU61	6.27	≤8.54	PASS
	Ant1	5230	242Tone	RU62	0.06	≤11.00	PASS
	Ant2	5230	242Tone	RU62	4.51	≤11.00	PASS
	total	5230	242Tone	RU62	5.84	≤8.54	PASS
	Ant1	5755	242Tone	RU61	2.64	≤30.00	PASS
	Ant2	5755	242Tone	RU61	3.78	≤30.00	PASS
	total	5755	242Tone	RU61	6.26	≤28.87	PASS
	Ant1	5795	242Tone	RU62	2.78	≤30.00	PASS
	Ant2	5795	242Tone	RU62	3.78	≤30.00	PASS
	total	5795	242Tone	RU62	6.32	≤28.87	PASS
11ax80MIMO	Ant1	5210	484Tone	RU65	-2.28	≤11.00	PASS
	Ant2	5210	484Tone	RU65	3	≤11.00	PASS
	total	5210	484Tone	RU65	4.13	≤8.54	PASS
	Ant1	5775	484Tone	RU66	-2.08	≤30.00	PASS
	Ant2	5775	484Tone	RU66	-0.74	≤30.00	PASS
	total	5775	484Tone	RU66	1.65	≤28.87	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.



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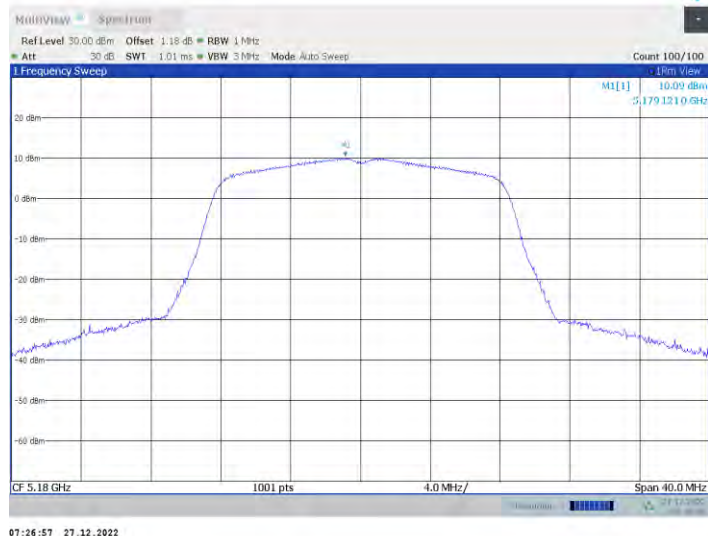
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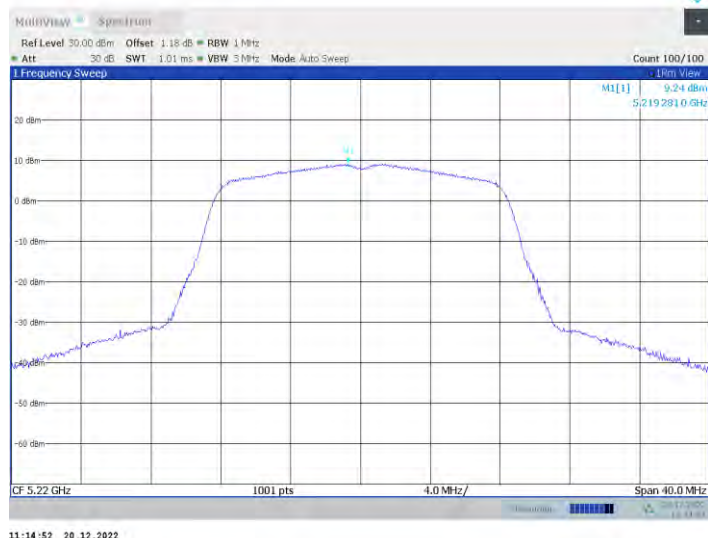
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Test Graphs

11a_Ant1_5180



11a_Ant1_5220



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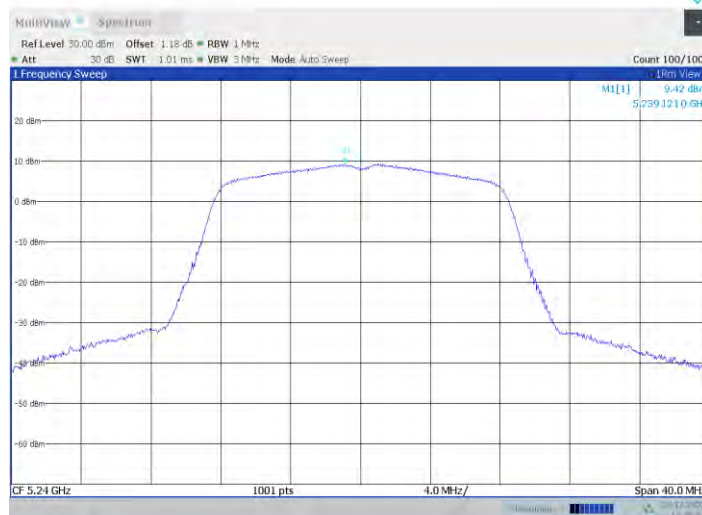
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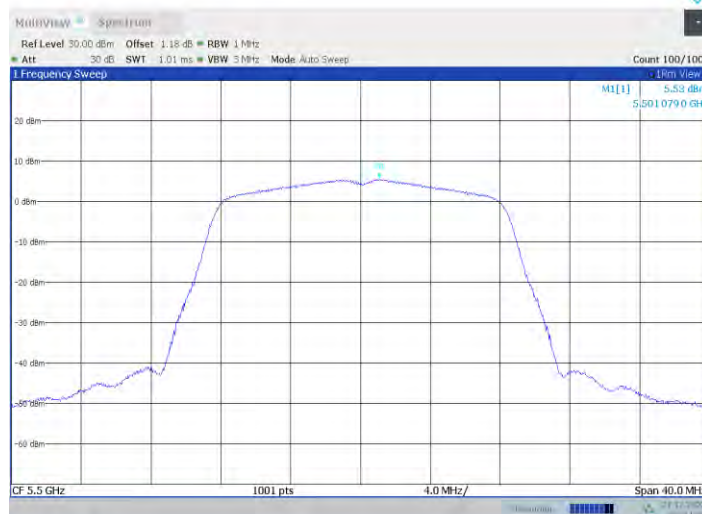
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11a Ant1 5240



11a Ant1 5500



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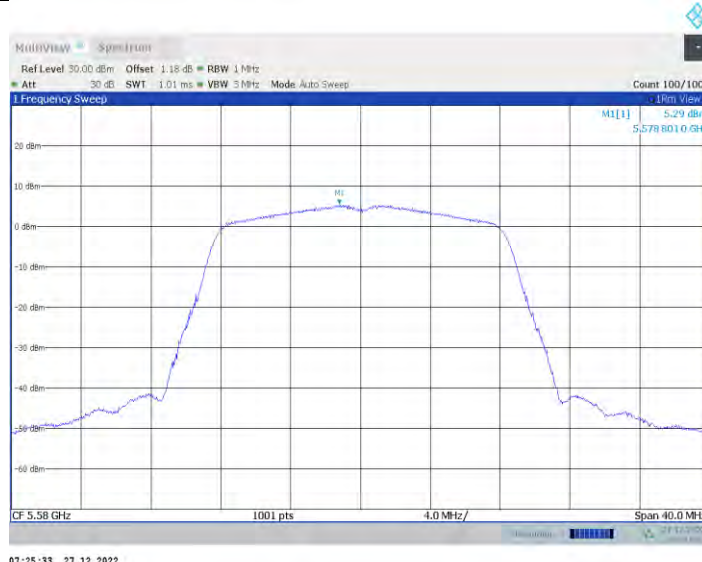
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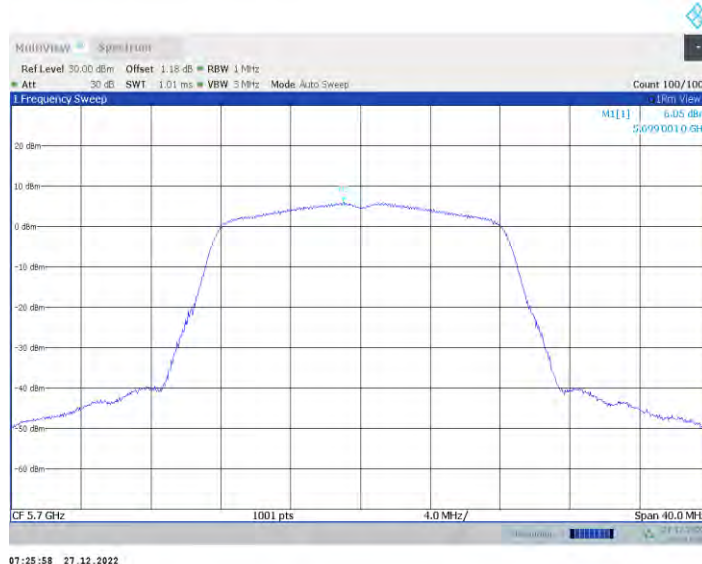
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11a Ant1 5580



11a Ant1 5700



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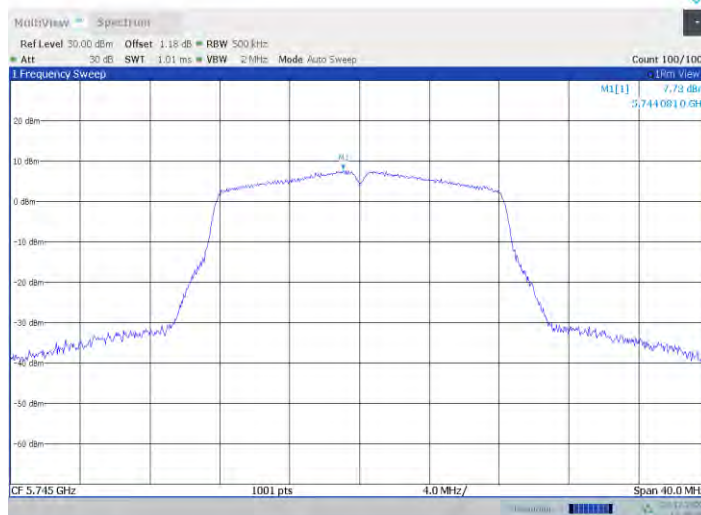
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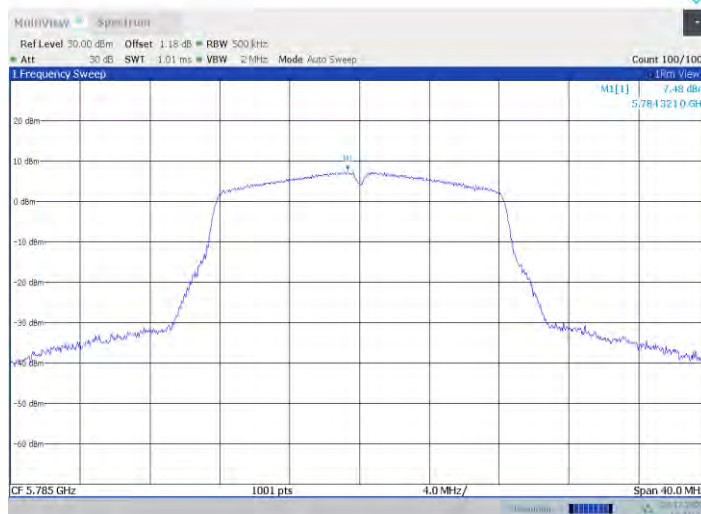
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11a Ant1 5745



11:48:29 20.12.2022

11a Ant1 5785



11:51:22 20.12.2022



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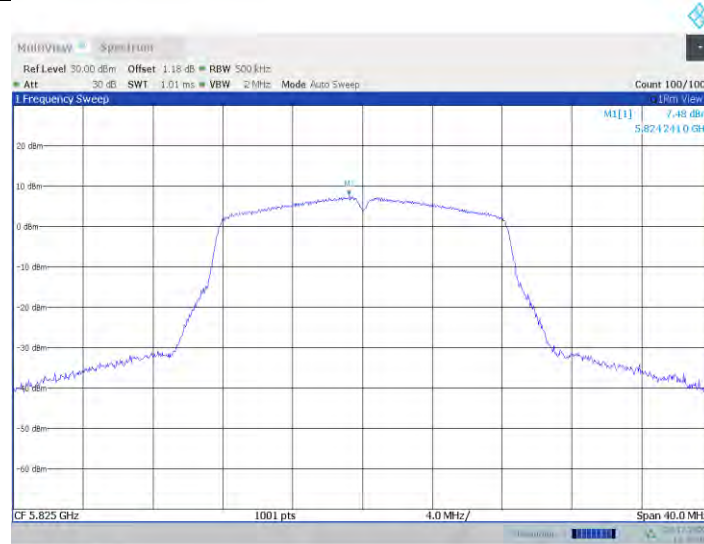
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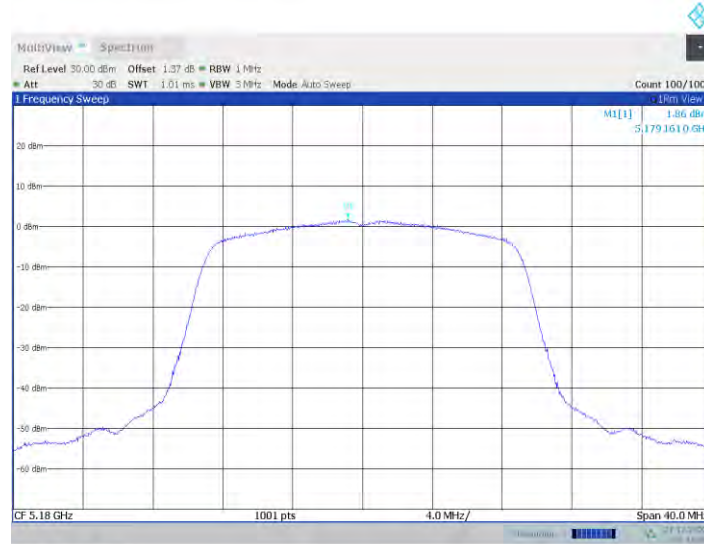
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11a_Ant1_5825



11ac20MIMO_Ant1_5180



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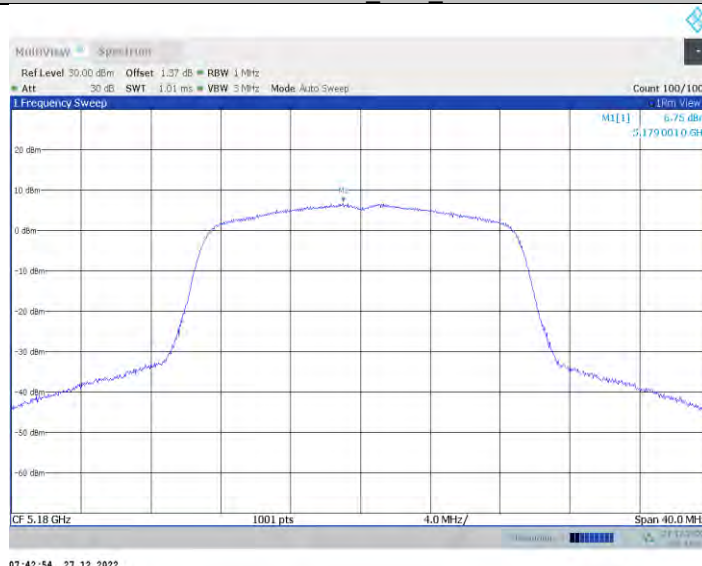
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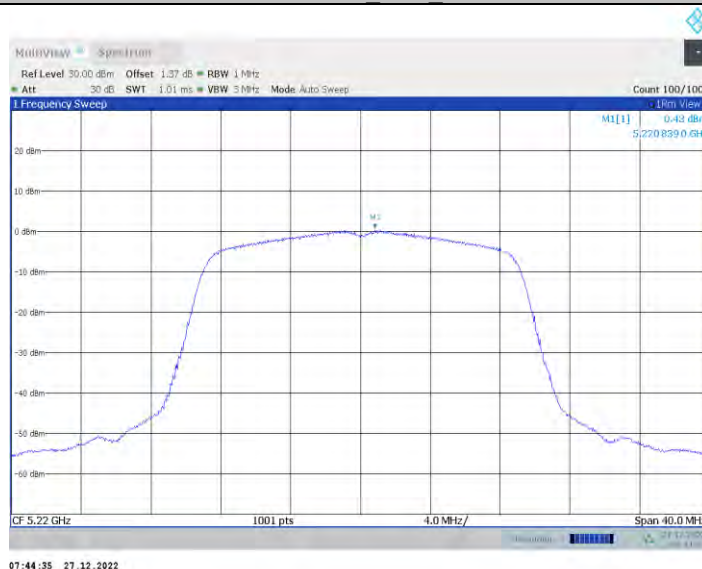
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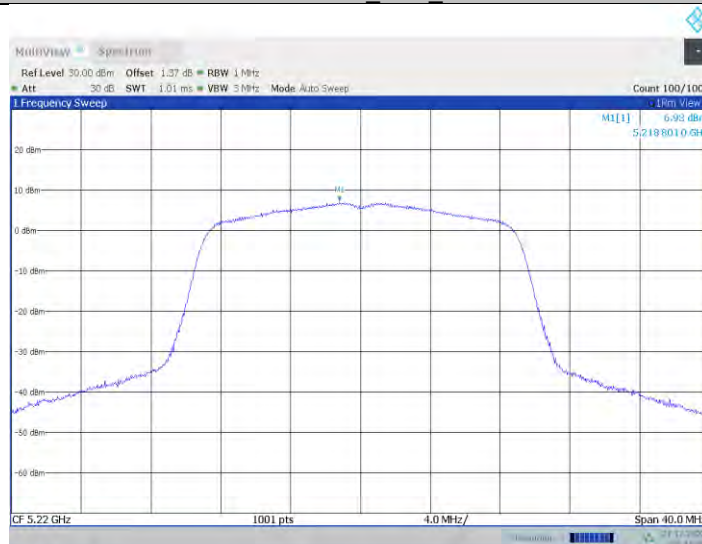
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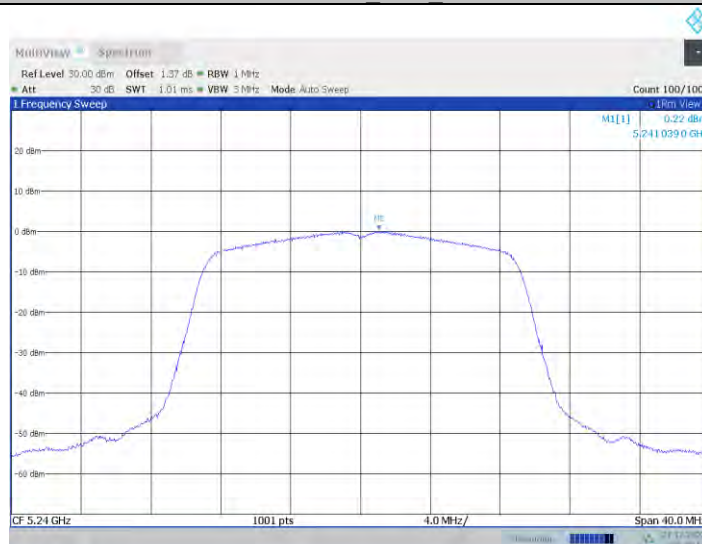
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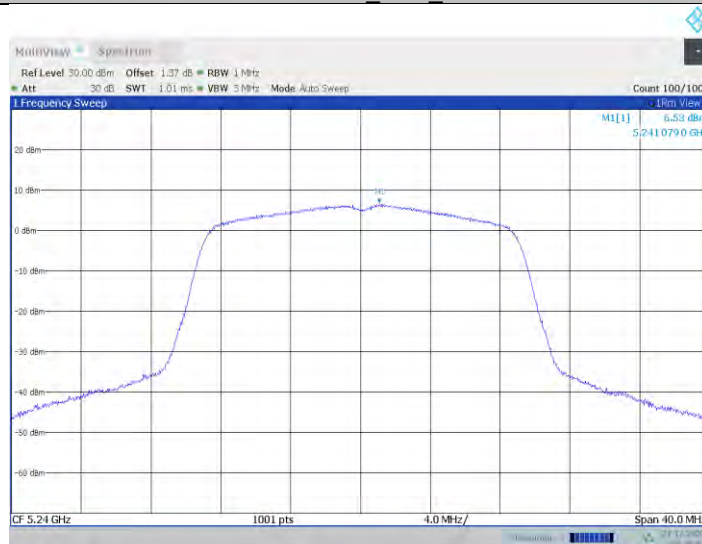
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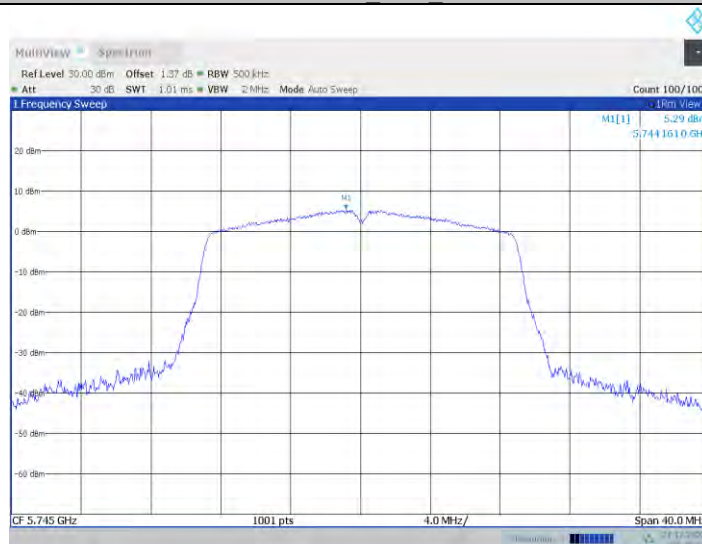
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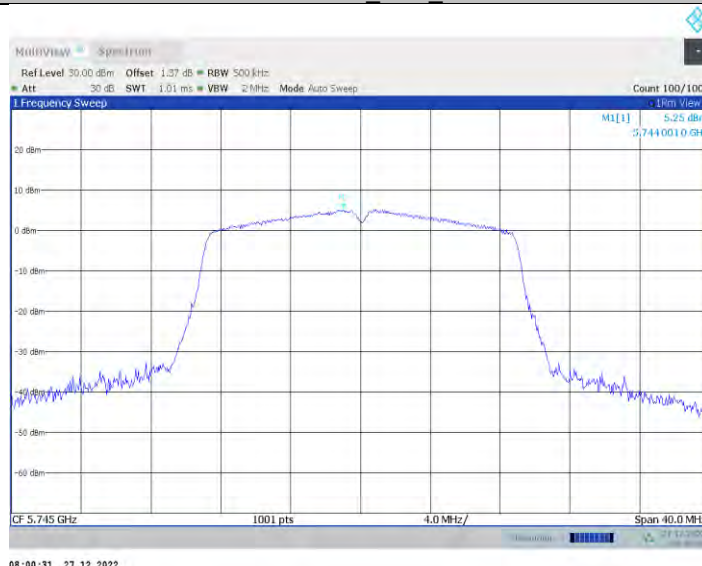
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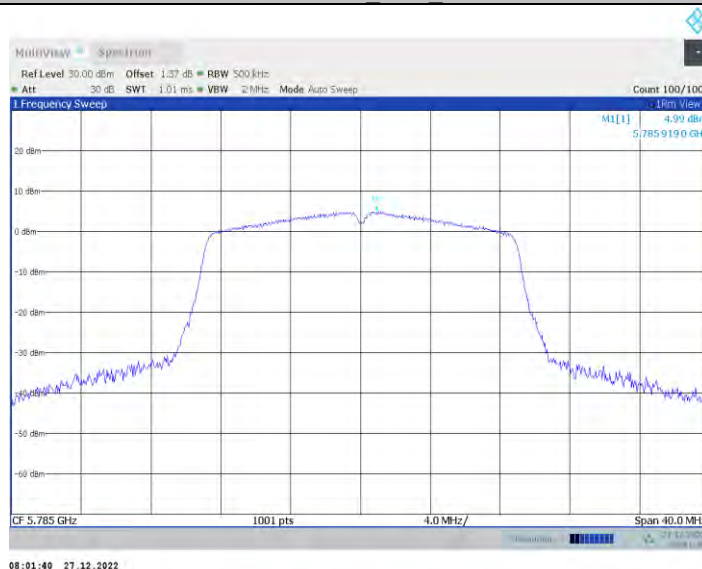
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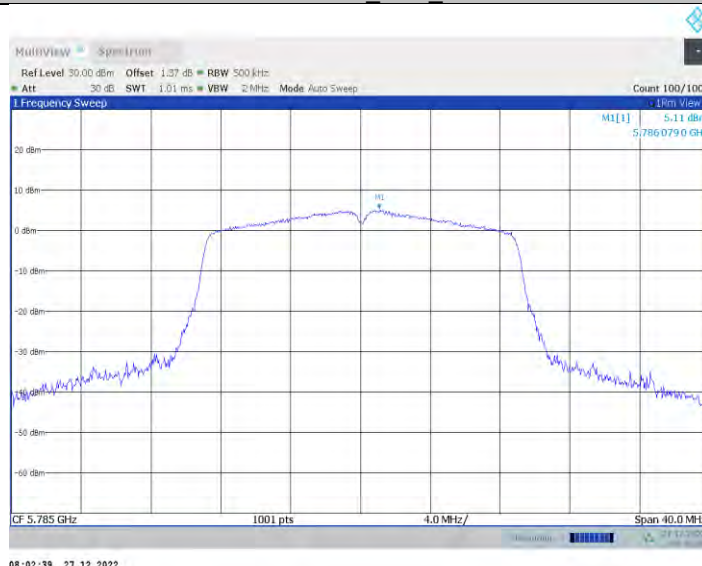
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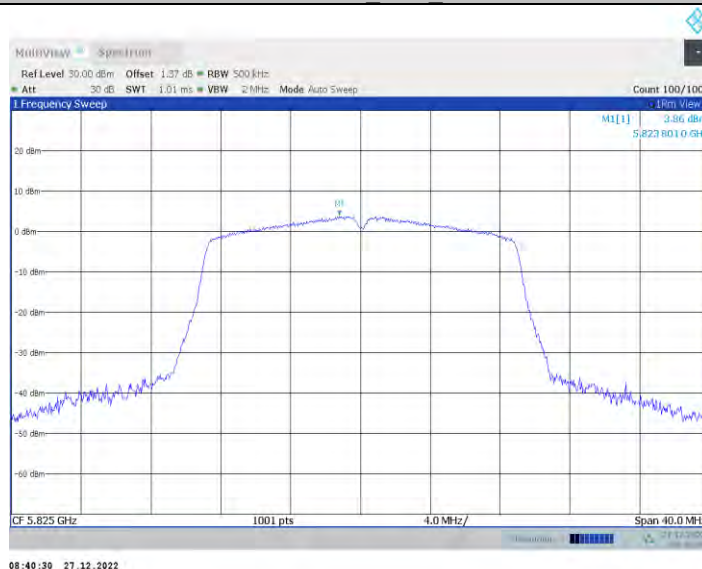
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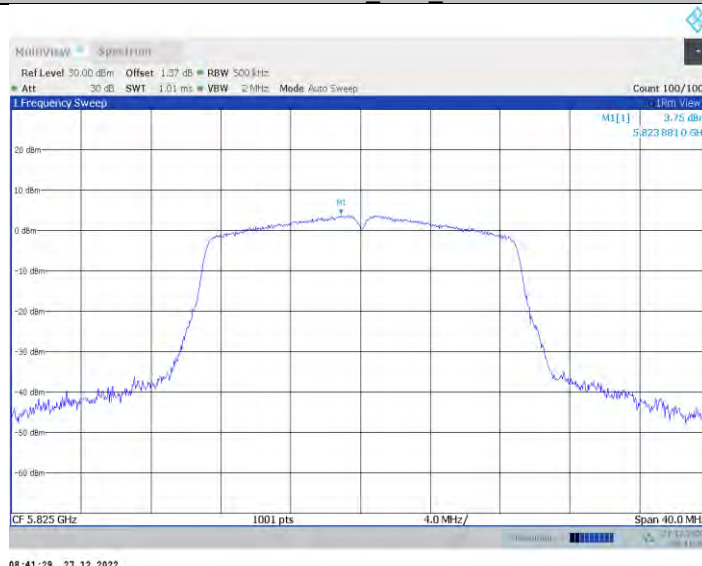
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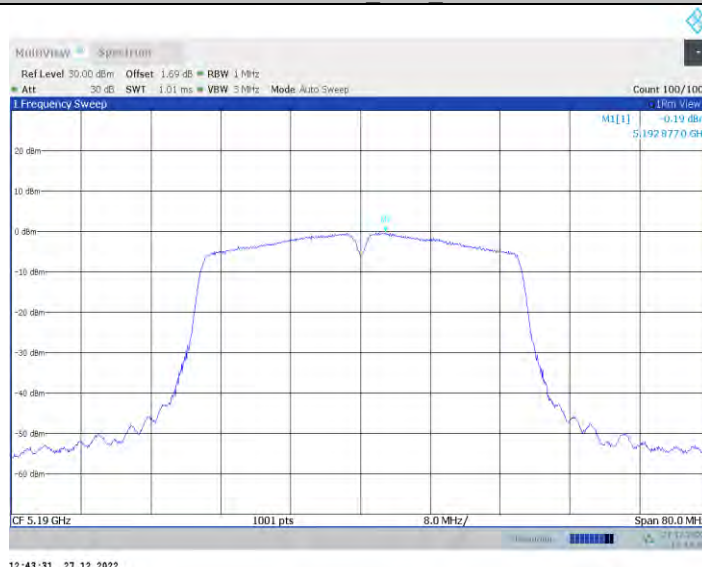
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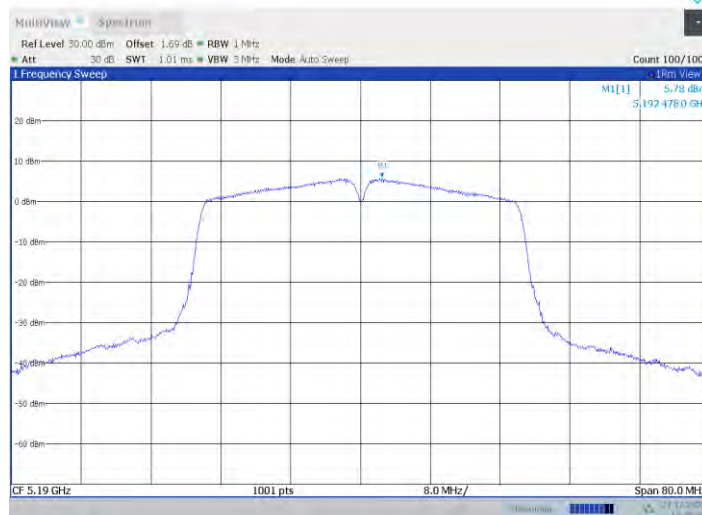
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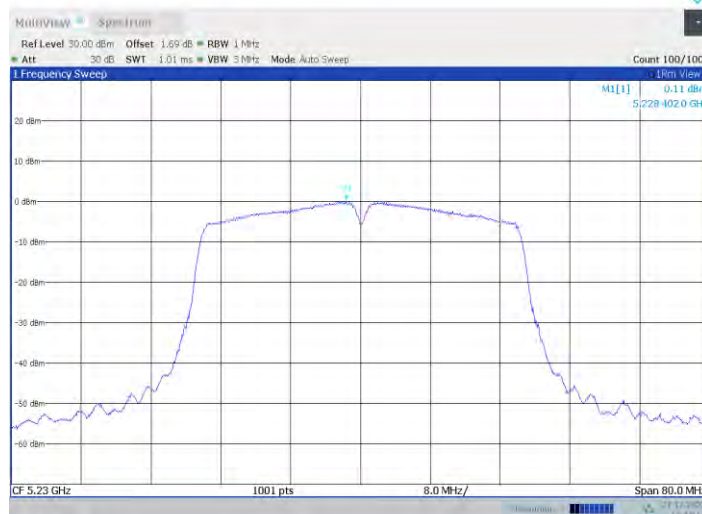
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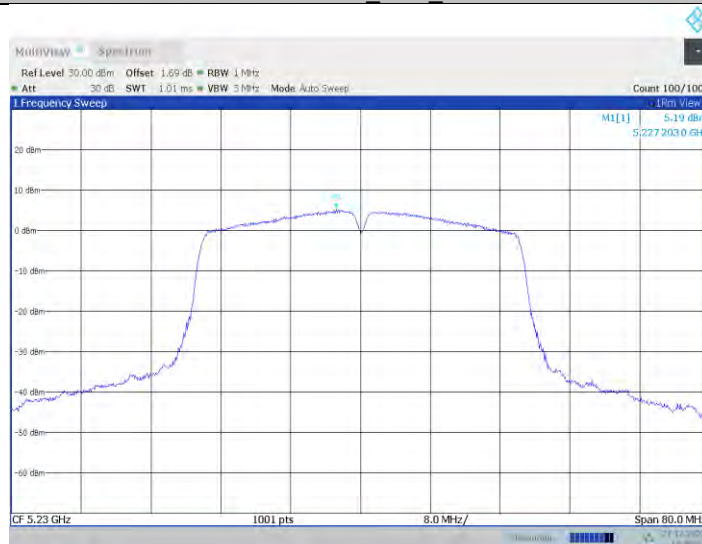
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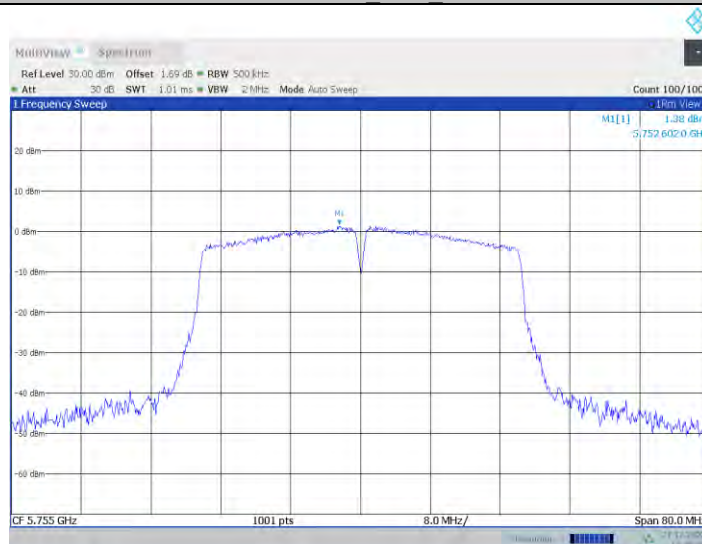
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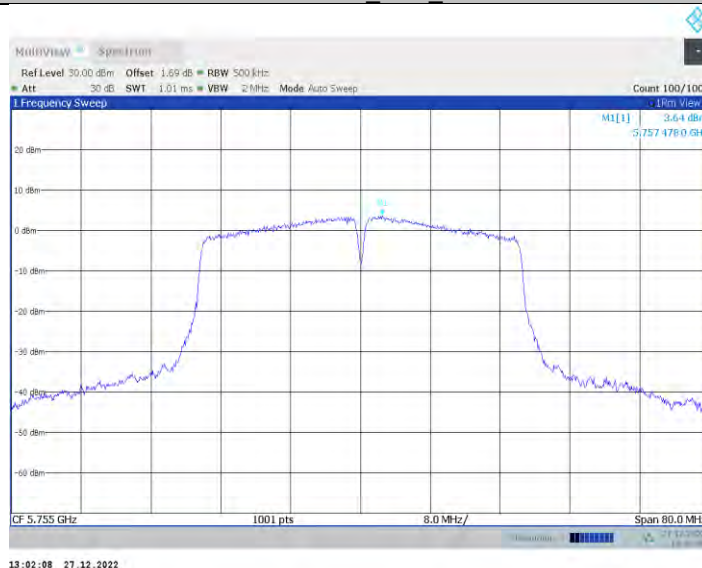
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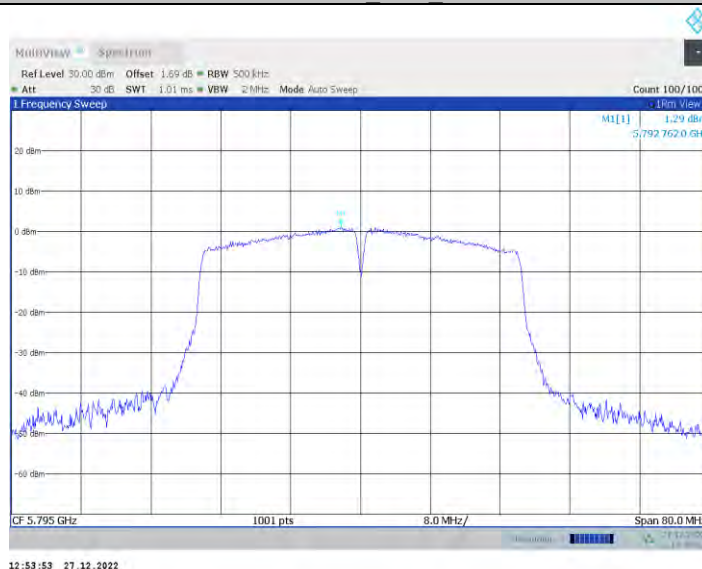
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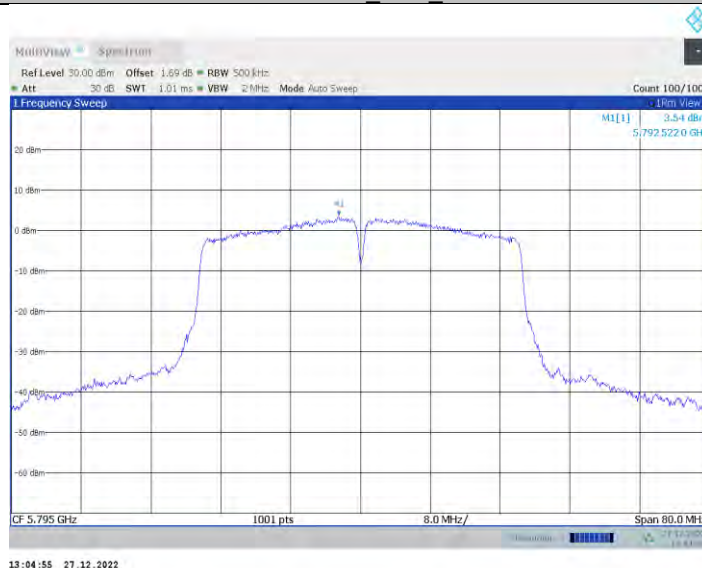
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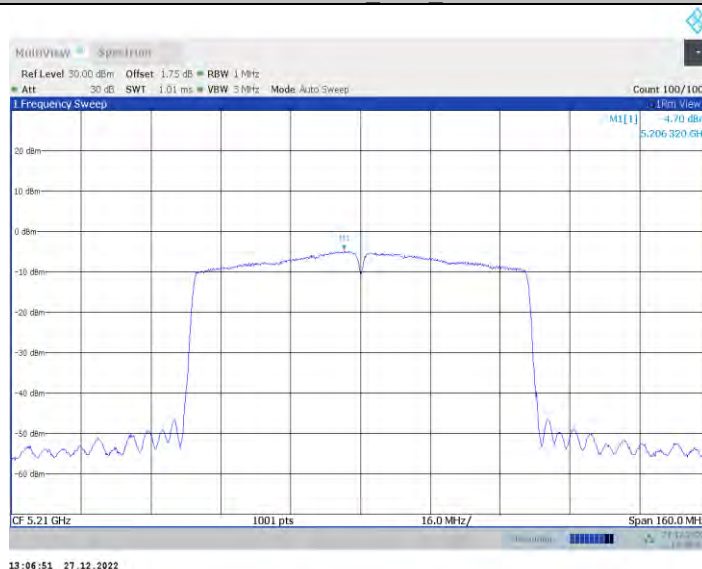
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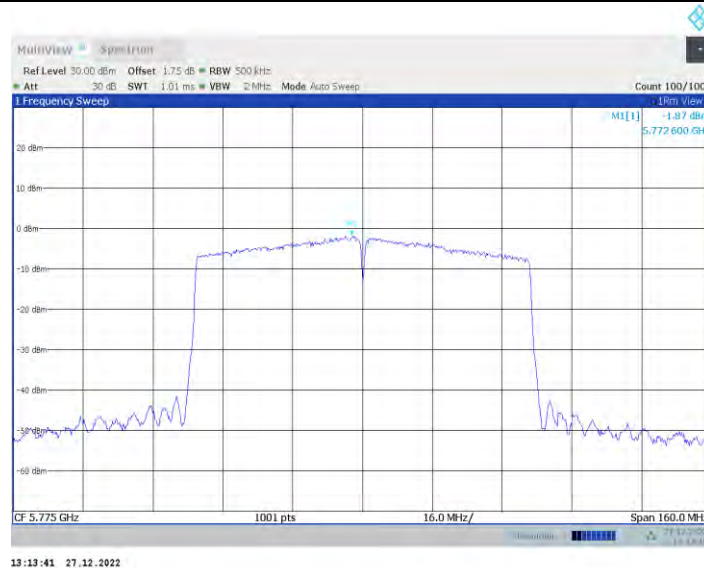
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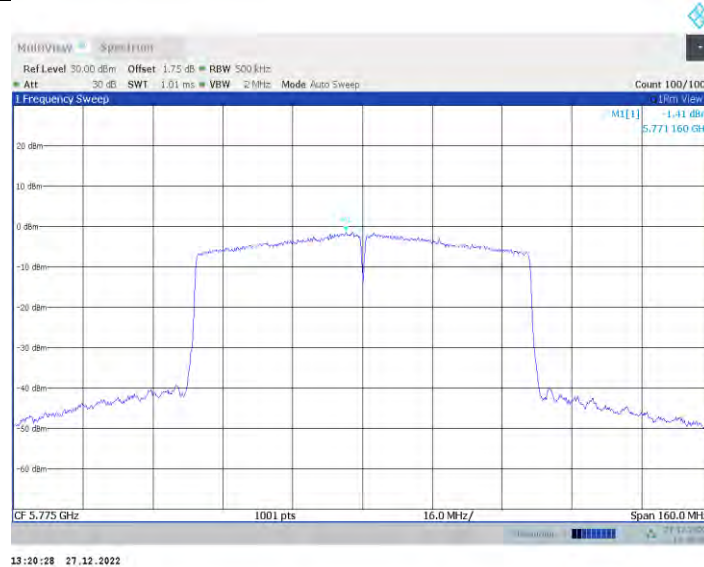
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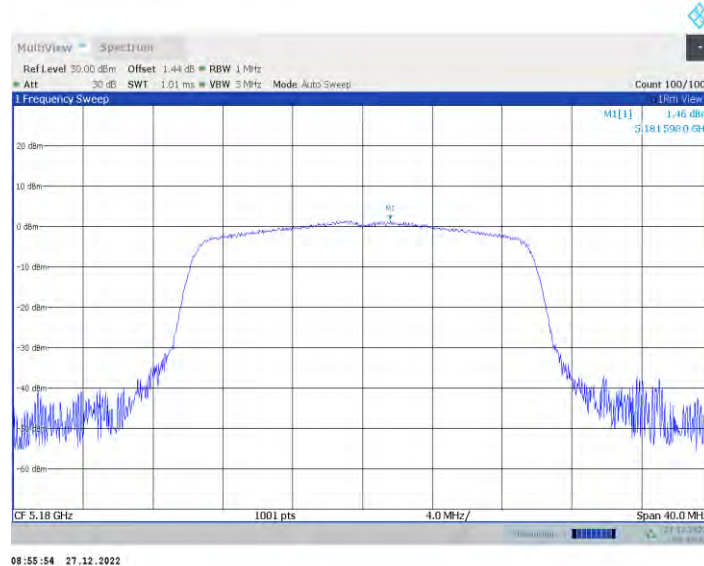
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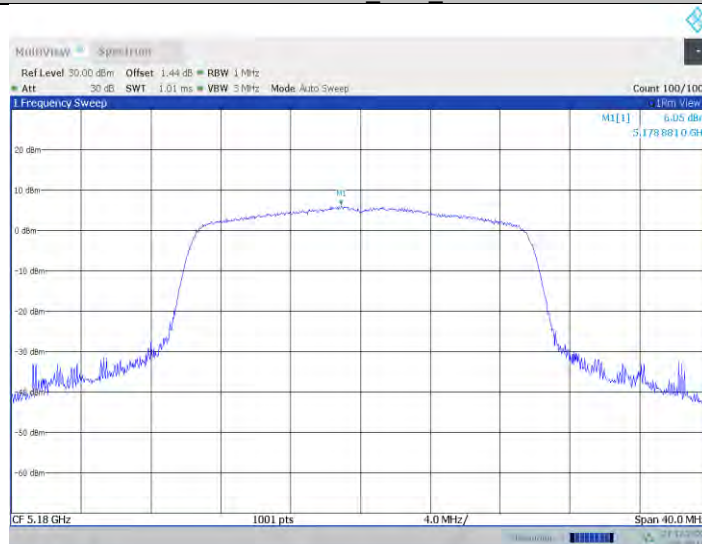
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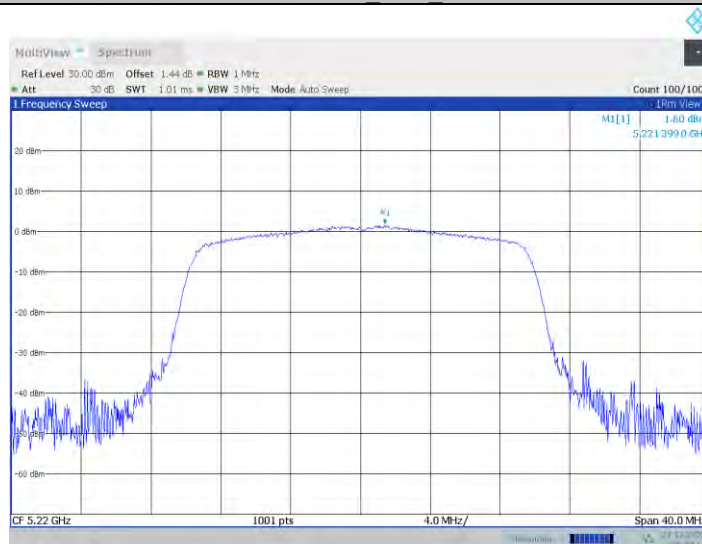
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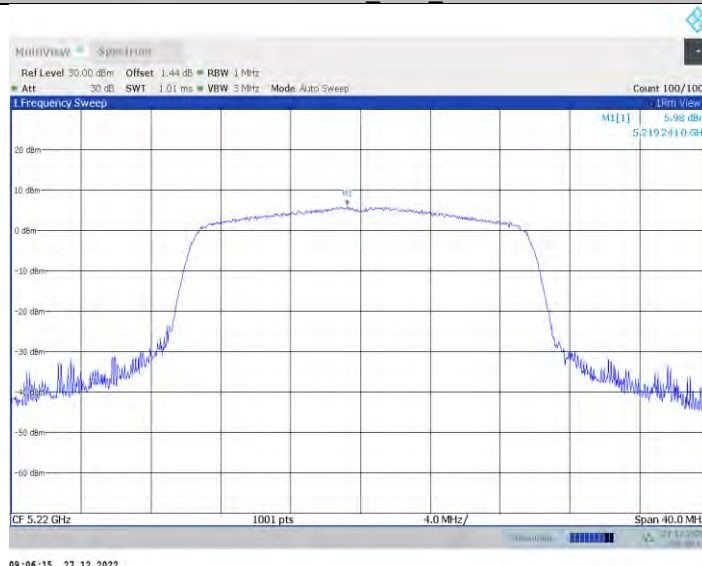
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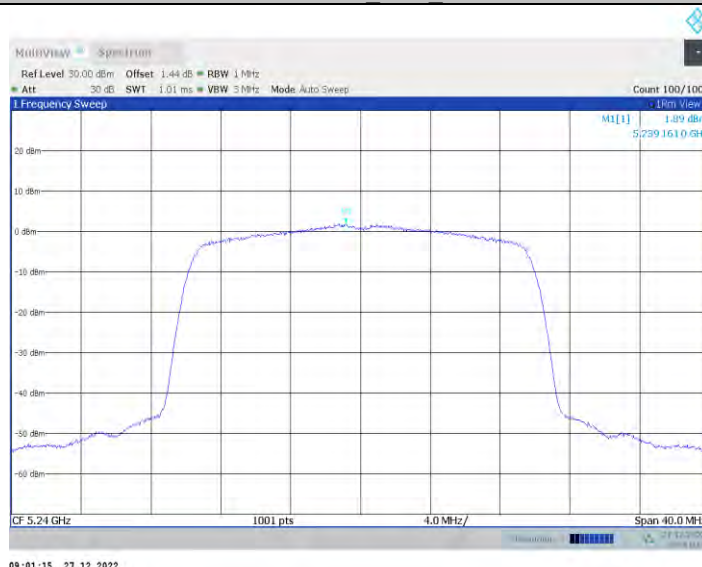
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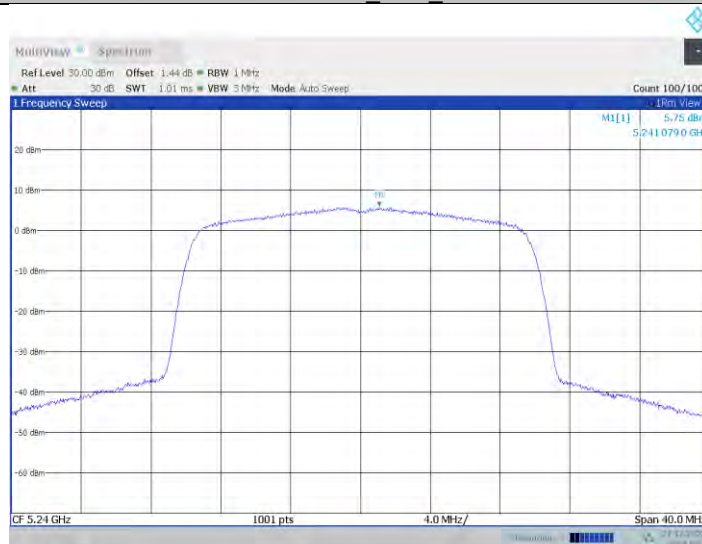
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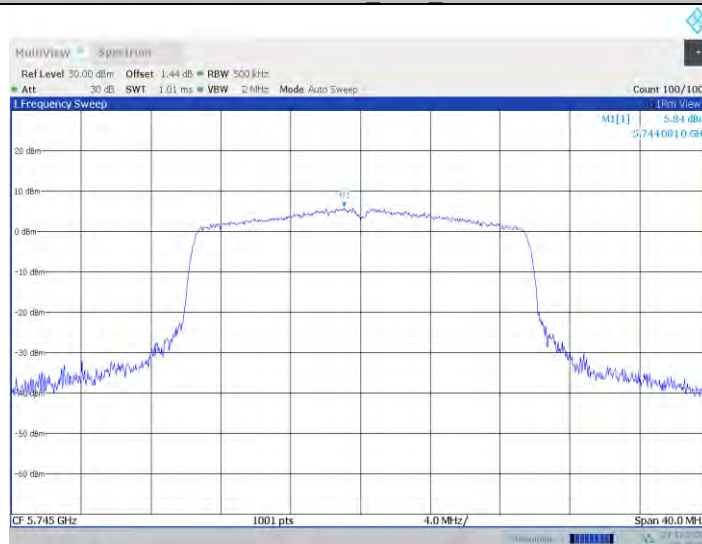
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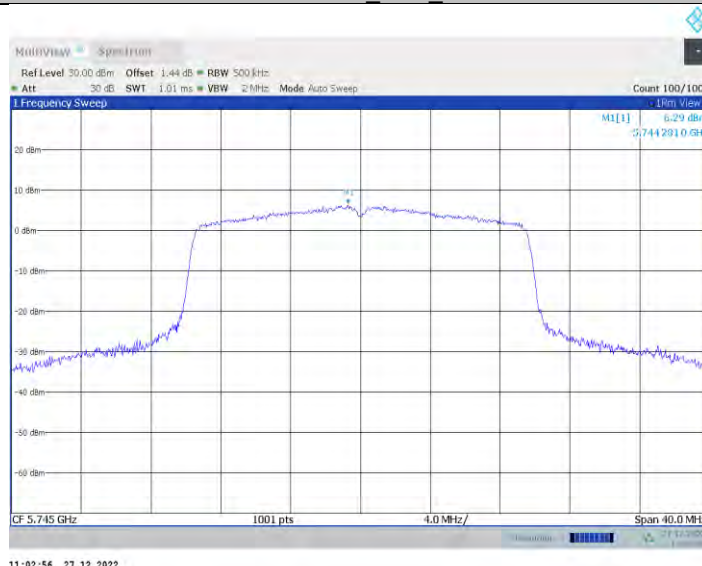
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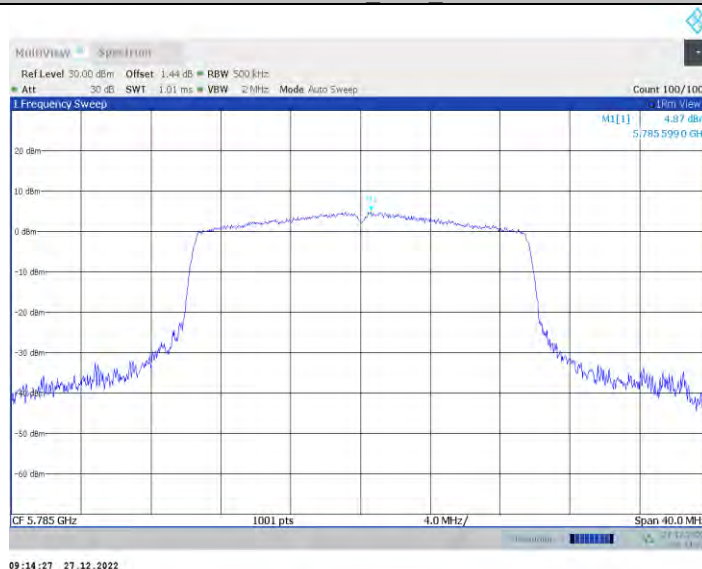
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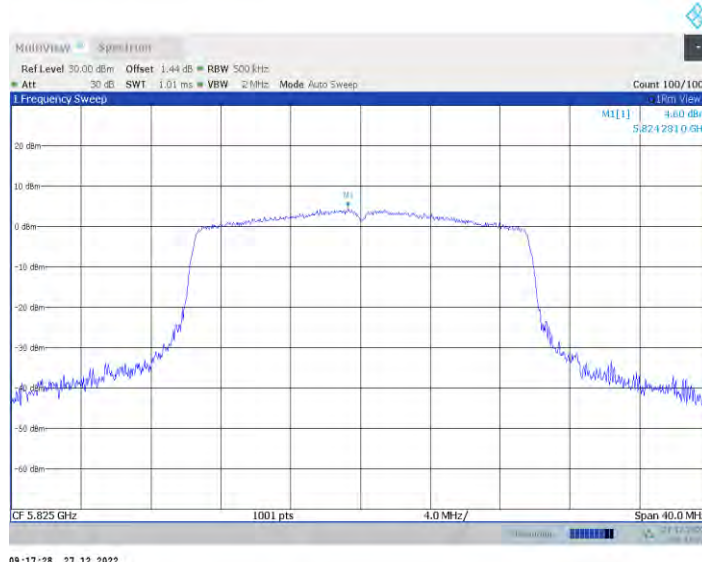
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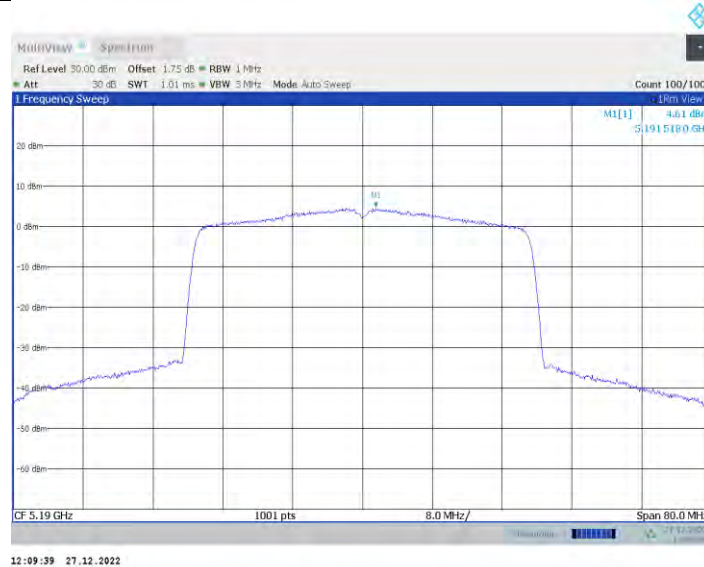
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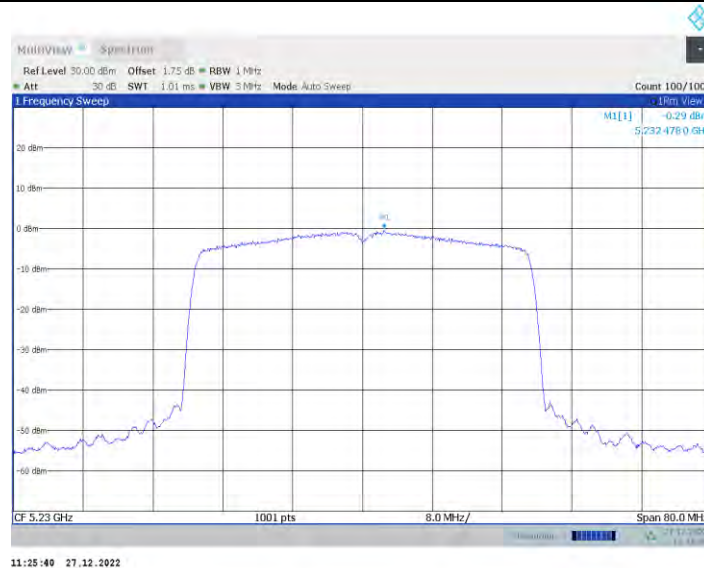
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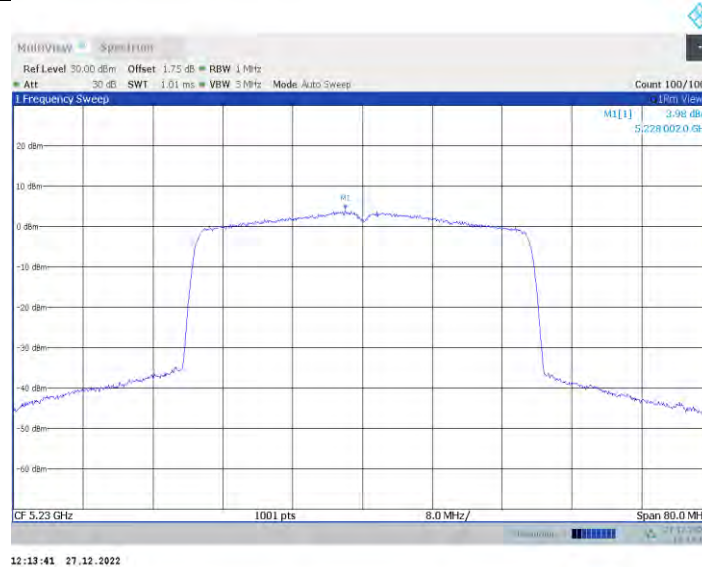
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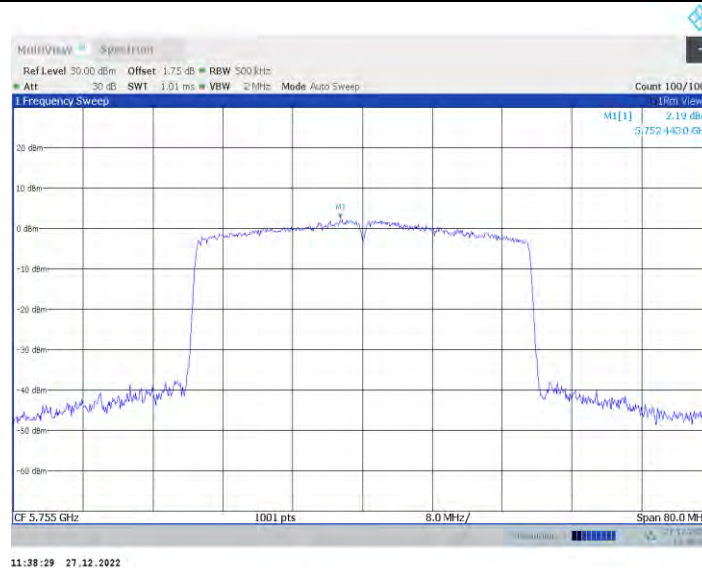
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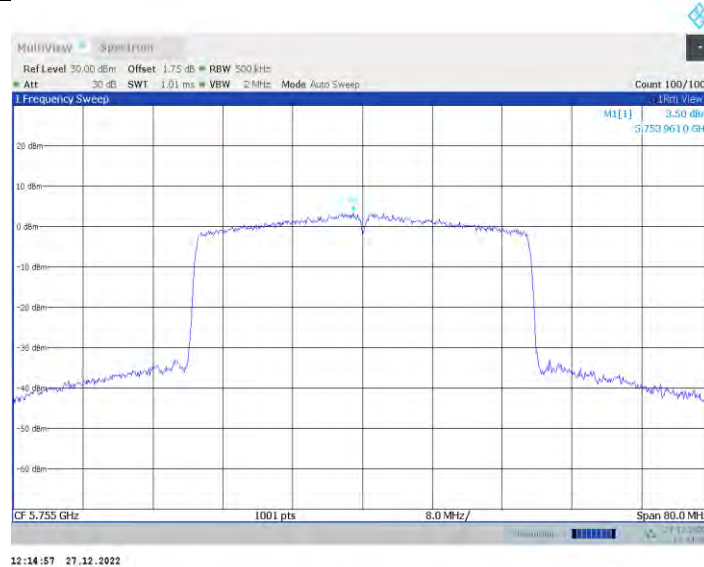
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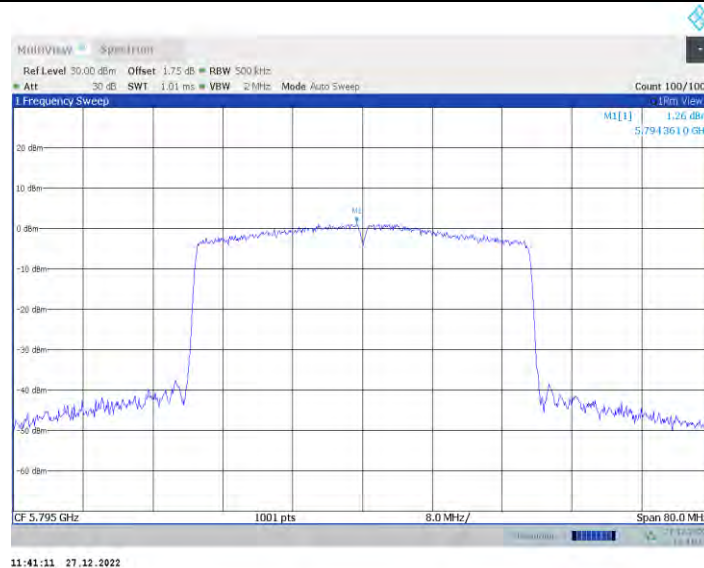
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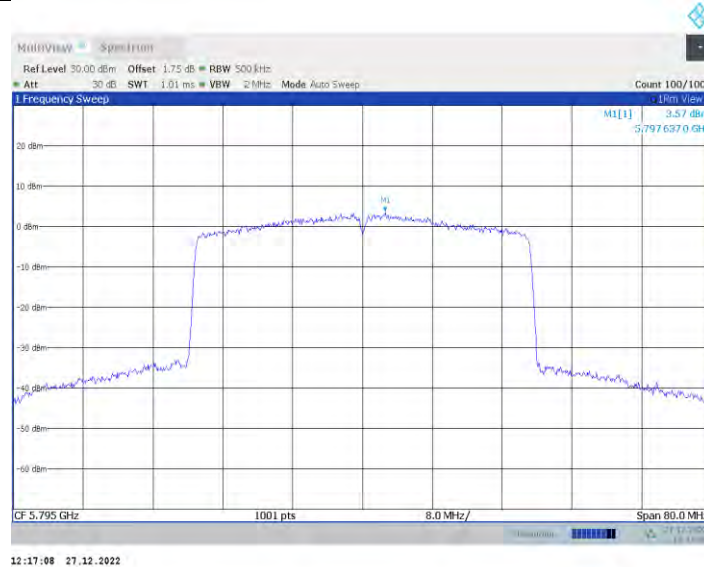
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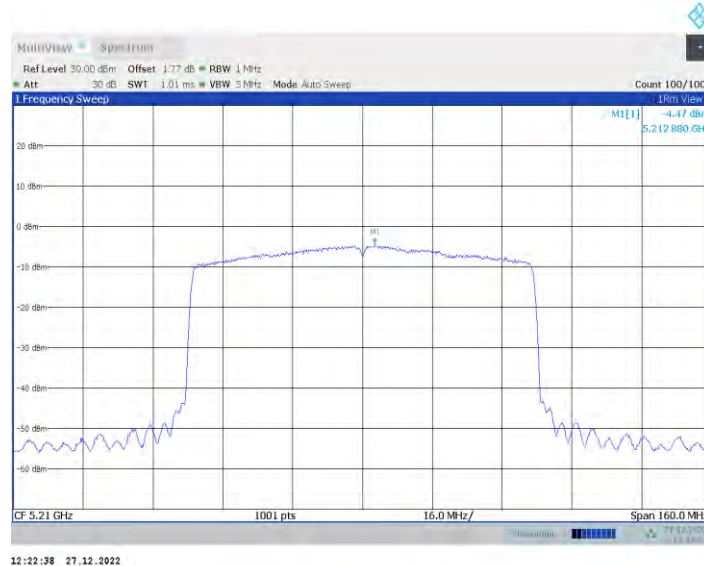
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11ax80MIMO Ant1_5210



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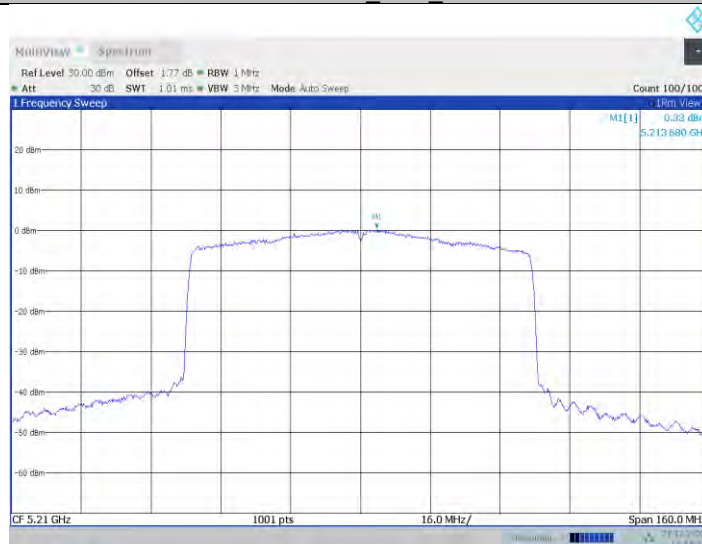
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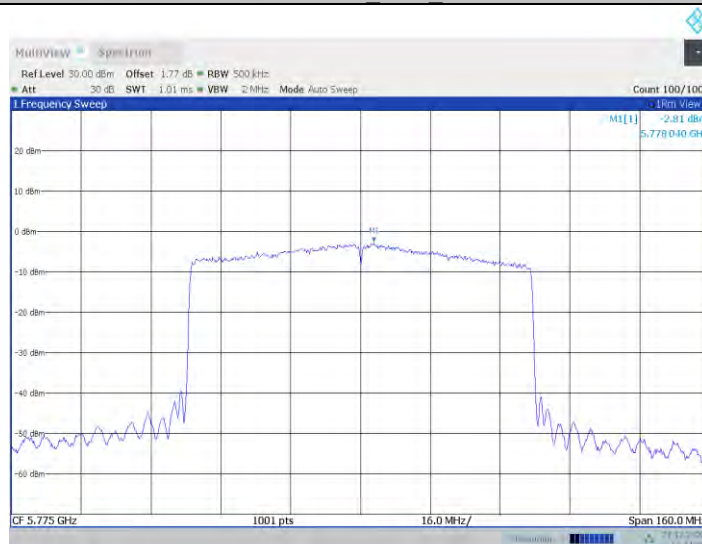
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12:33:08 27.12.2022

11ax80MIMO Ant1_5775



12:24:07 27.12.2022



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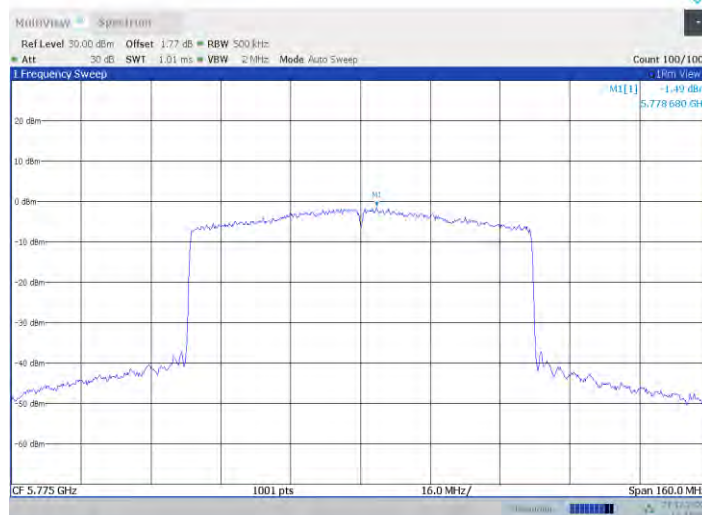
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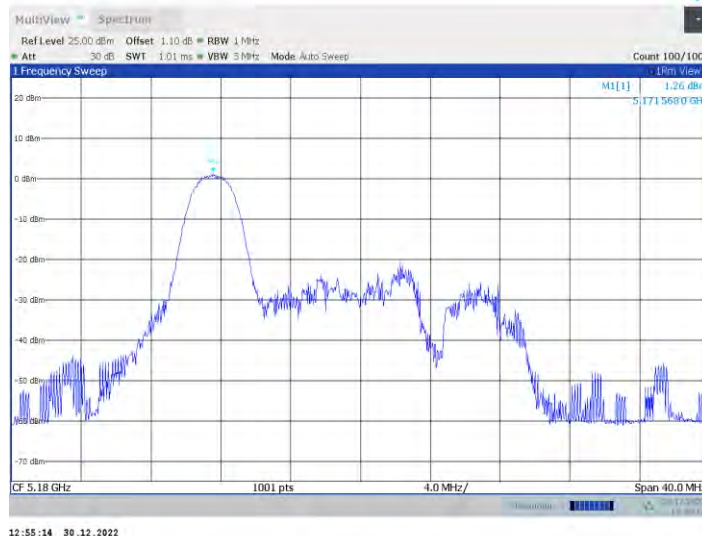
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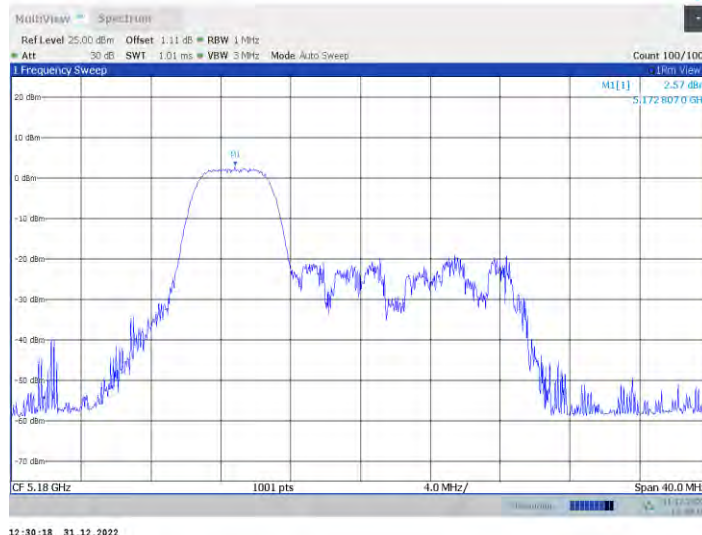
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Test Graphs for AX Part RU

11ax20MIMO Ant1 5180 26Tone_RU0



11ax20MIMO Ant1 5180 52Tone_RU37



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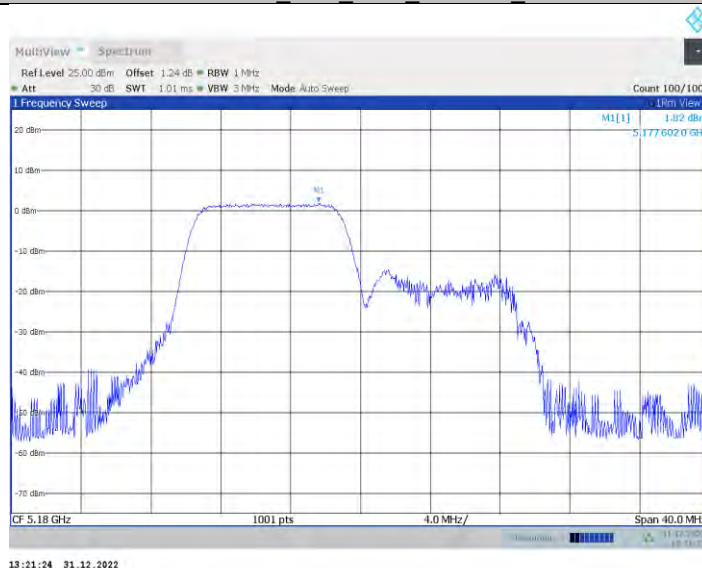
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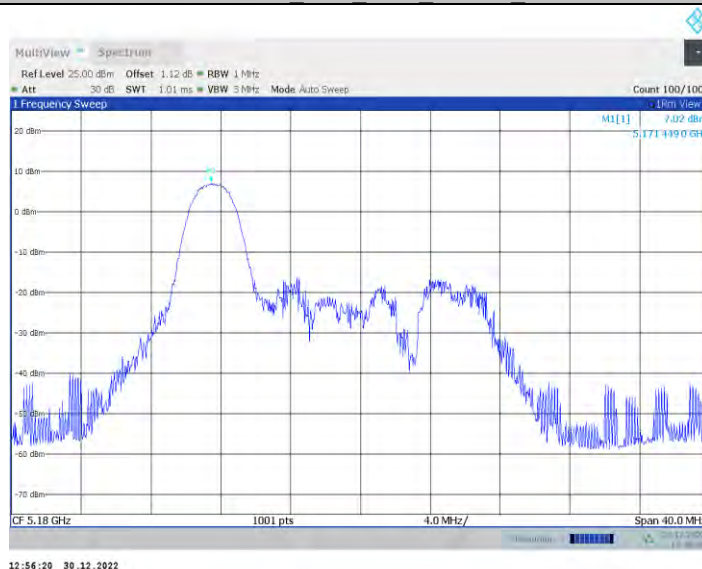
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12:56:20 30.12.2022



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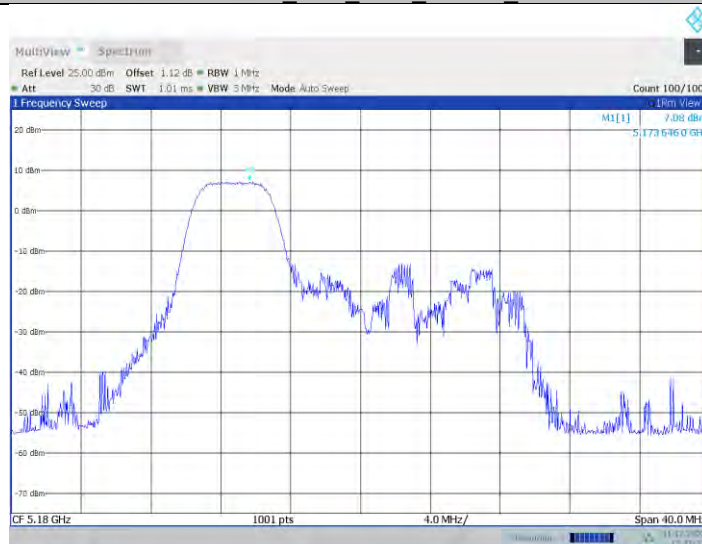
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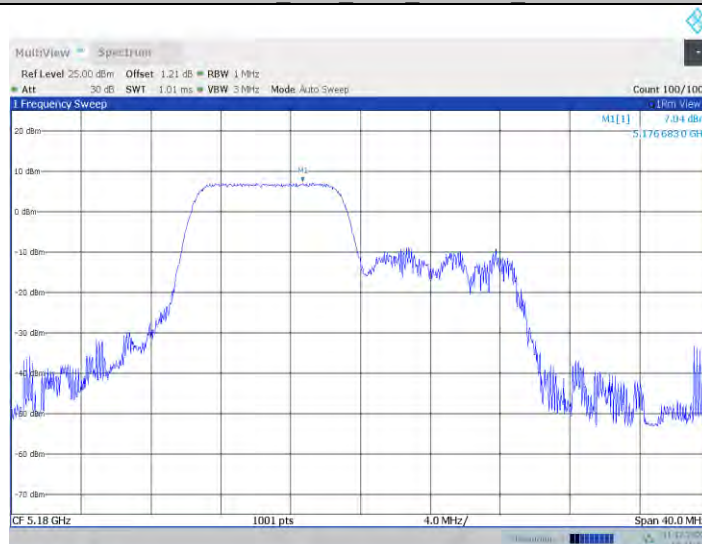
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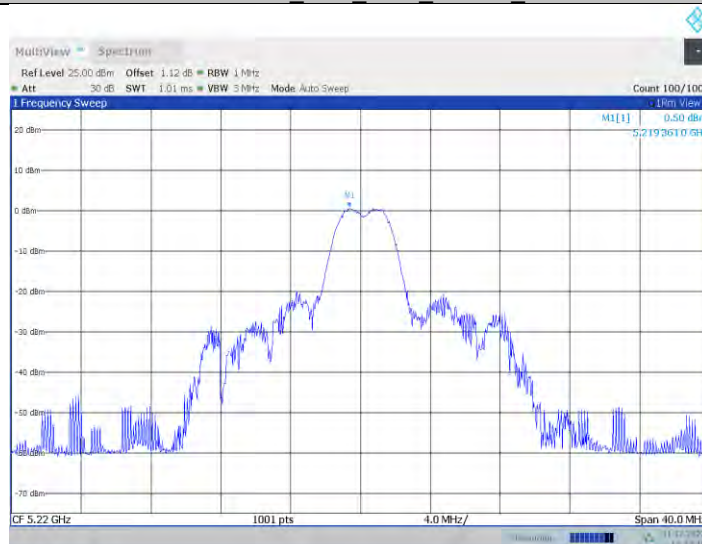
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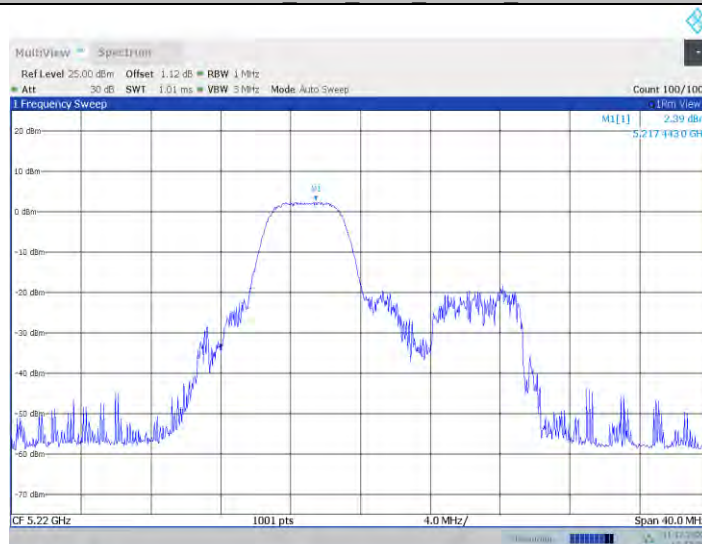
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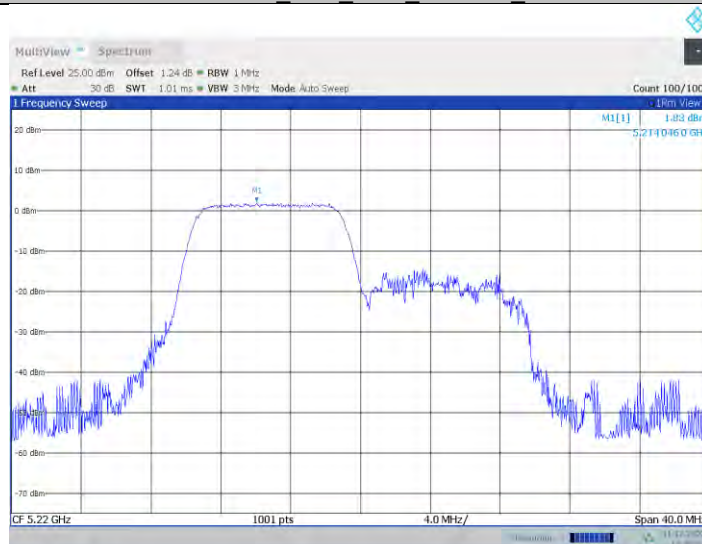
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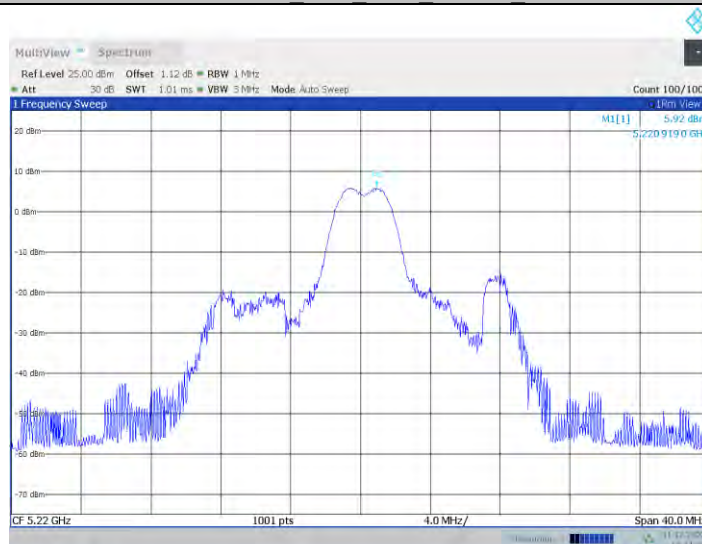
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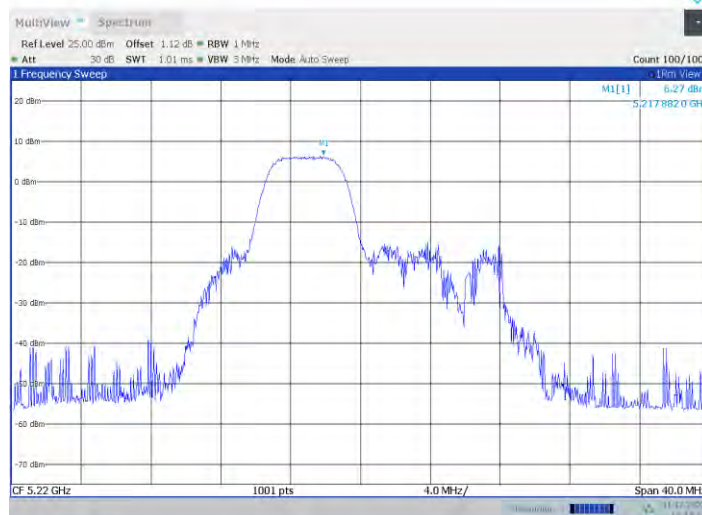
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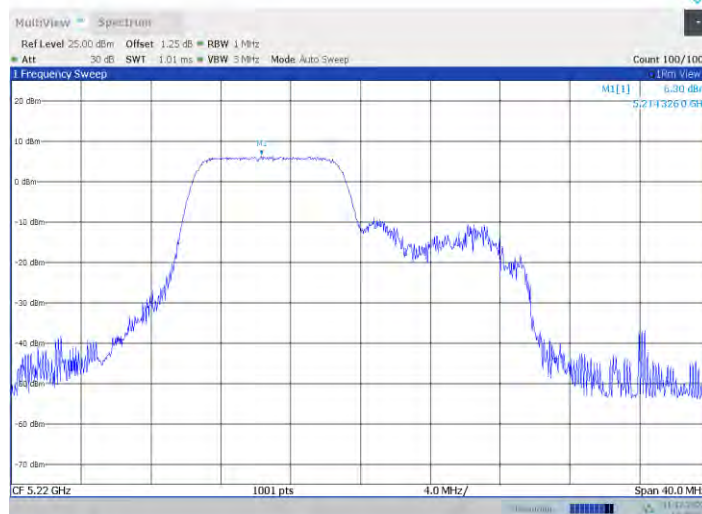
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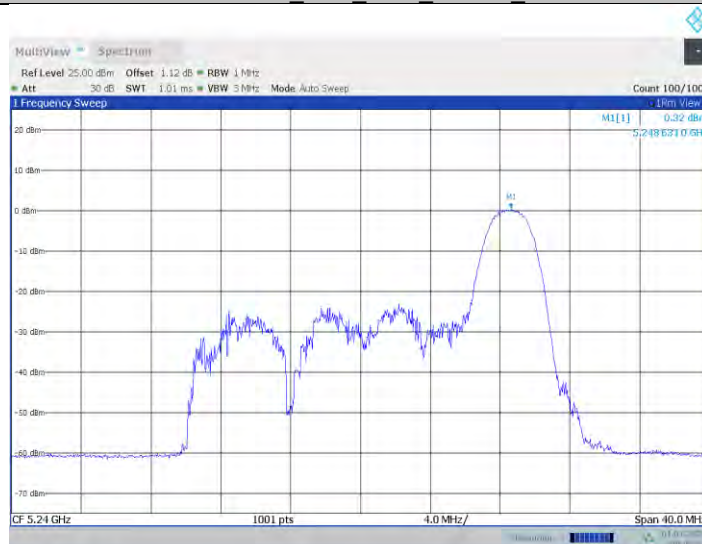
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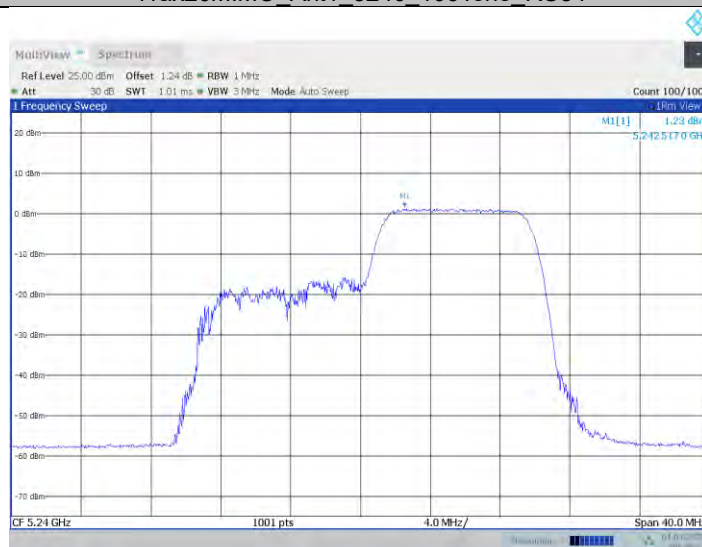
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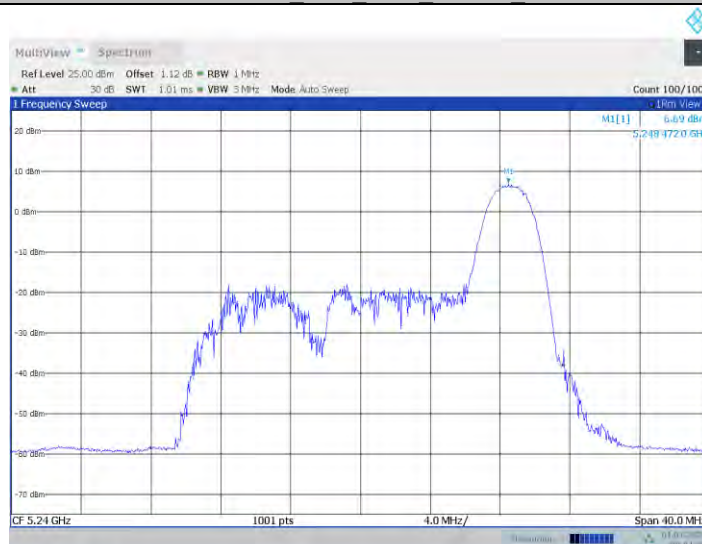
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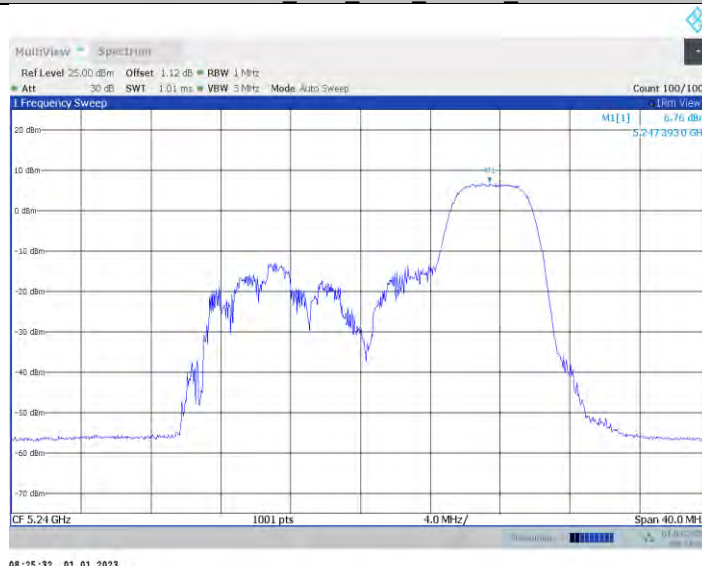
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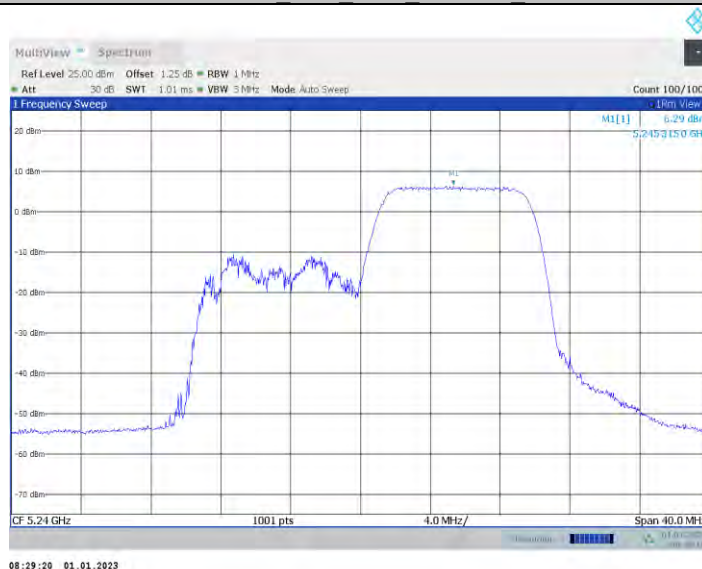
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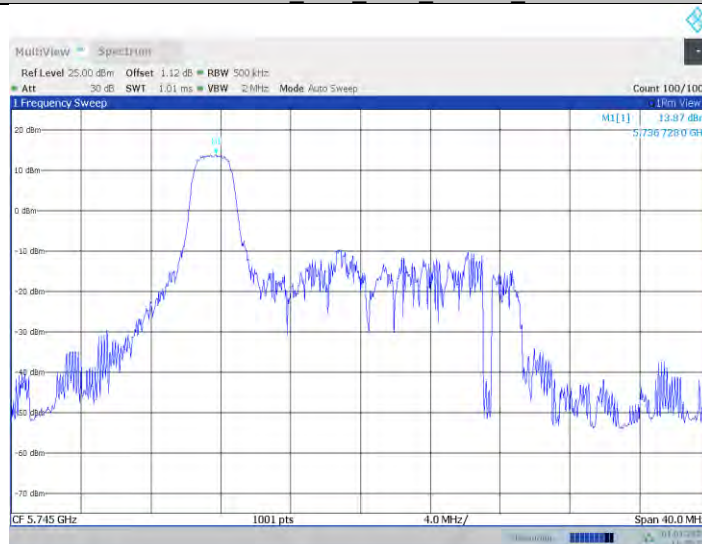
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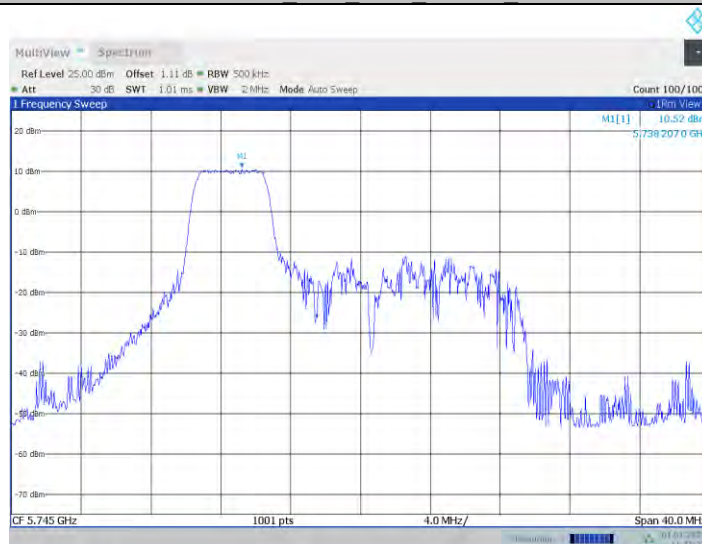
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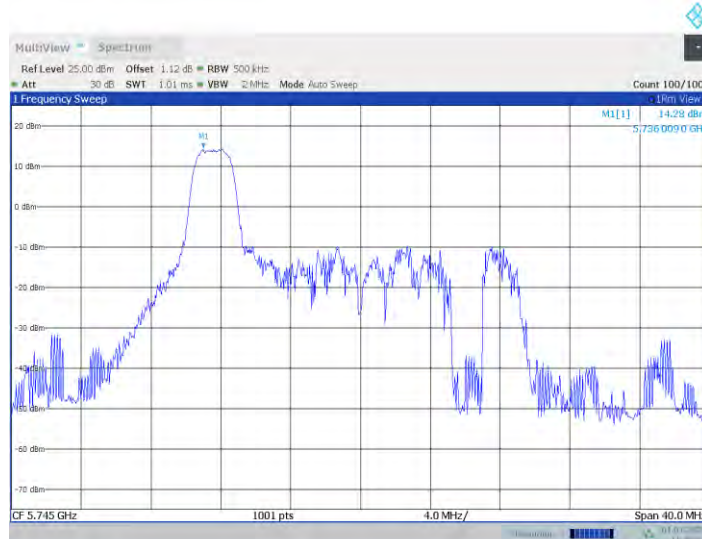
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11:39:52 01.01.2023



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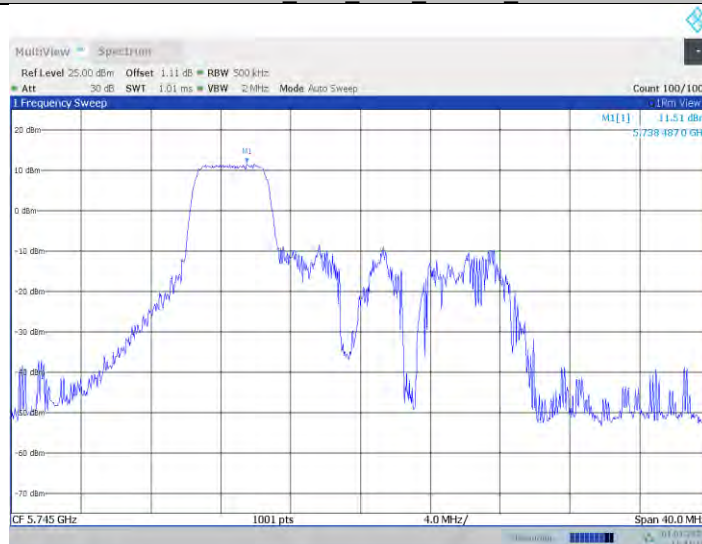
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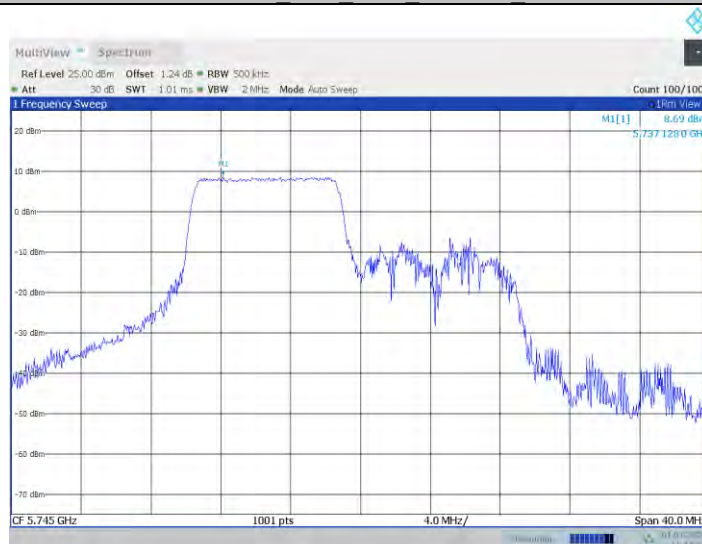
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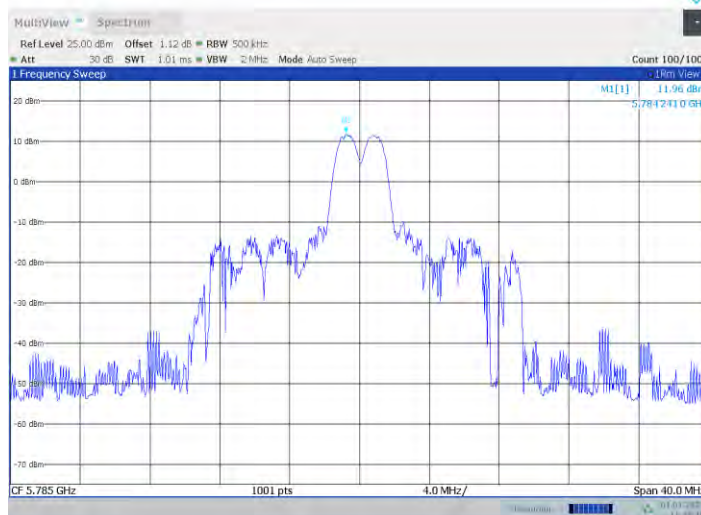
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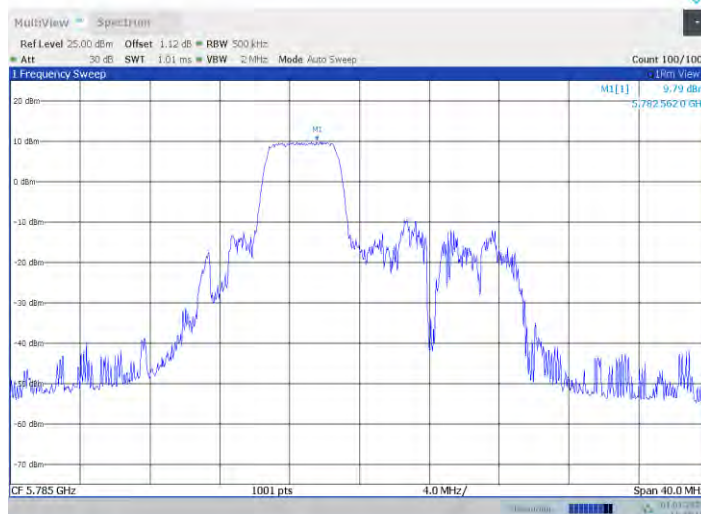
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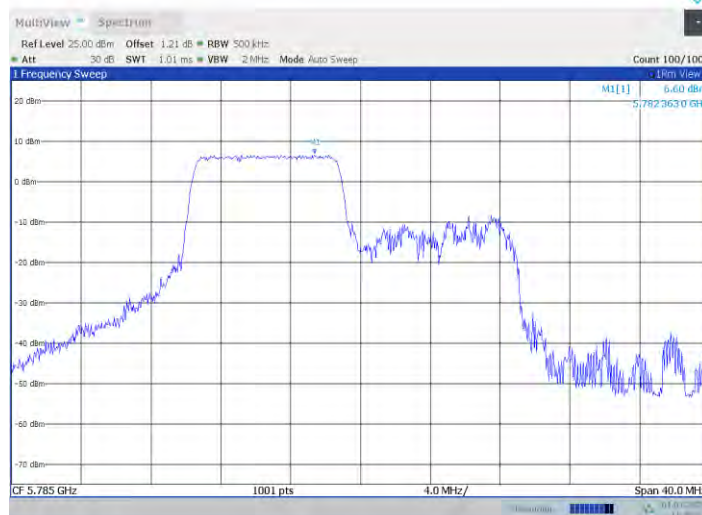
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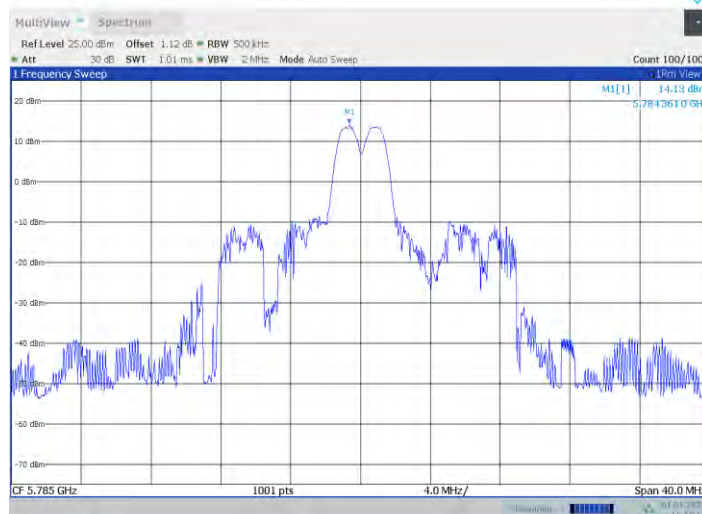
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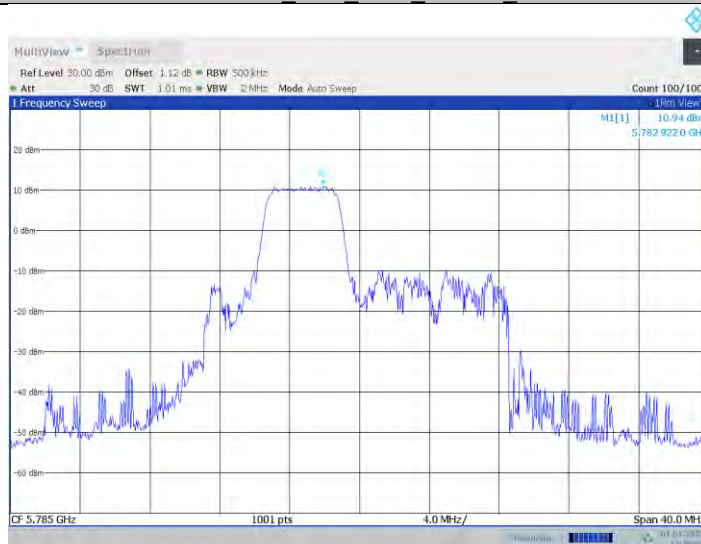
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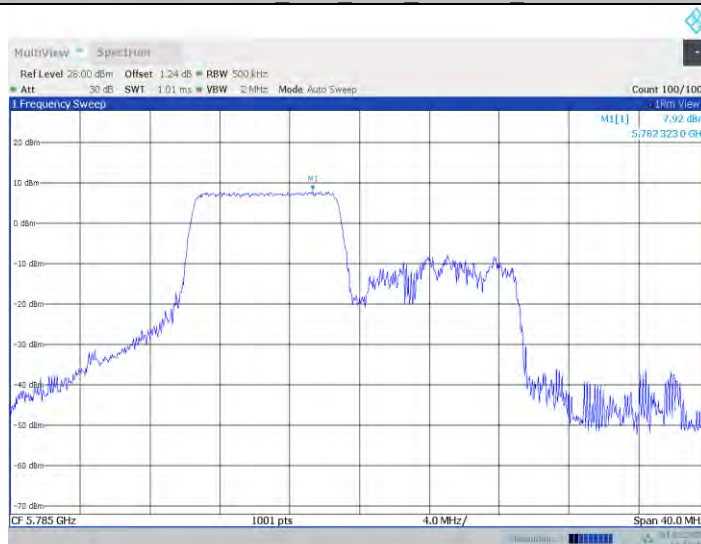
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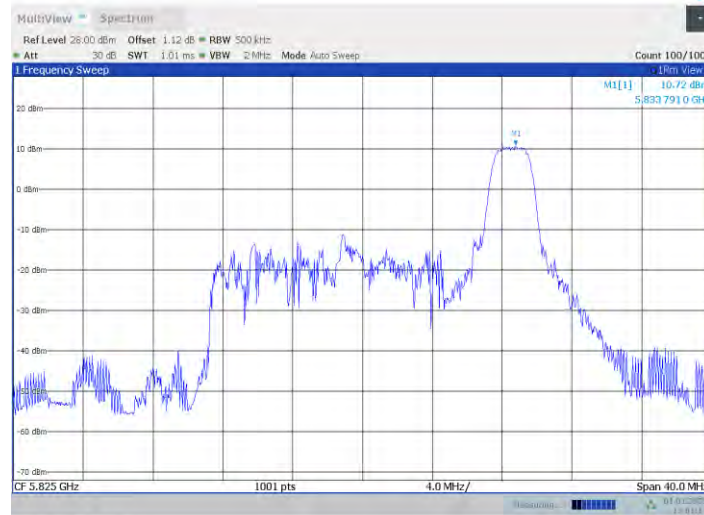
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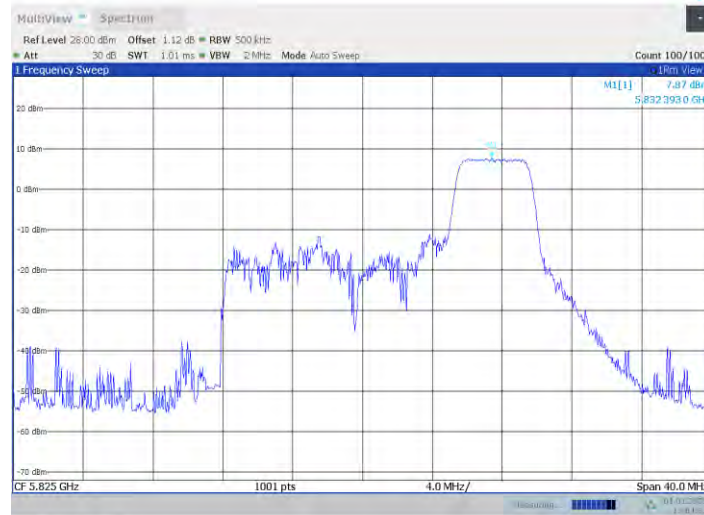
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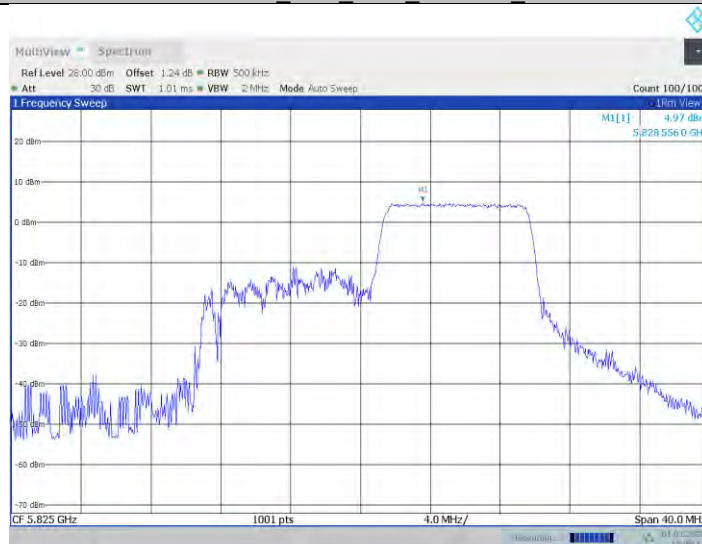
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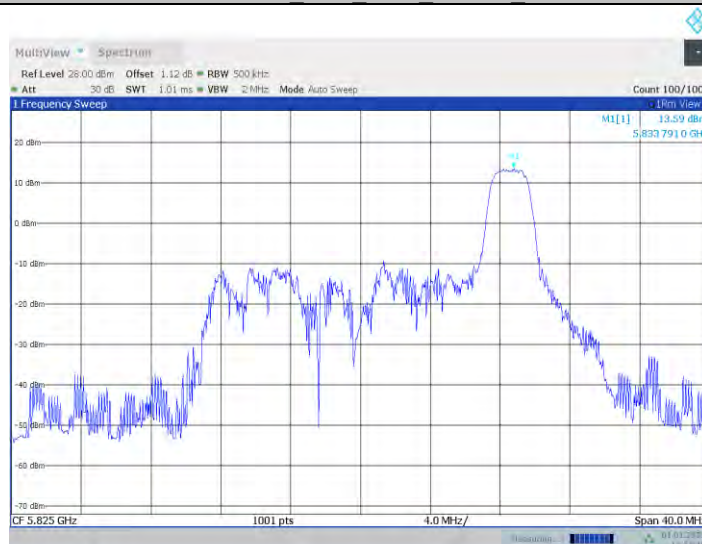
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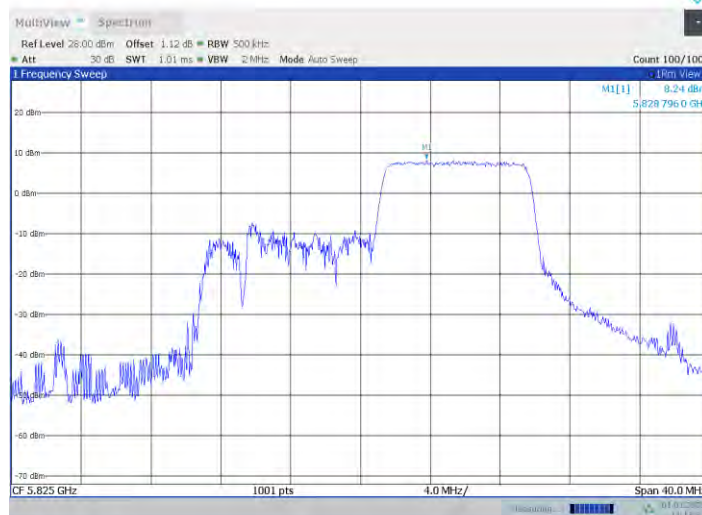
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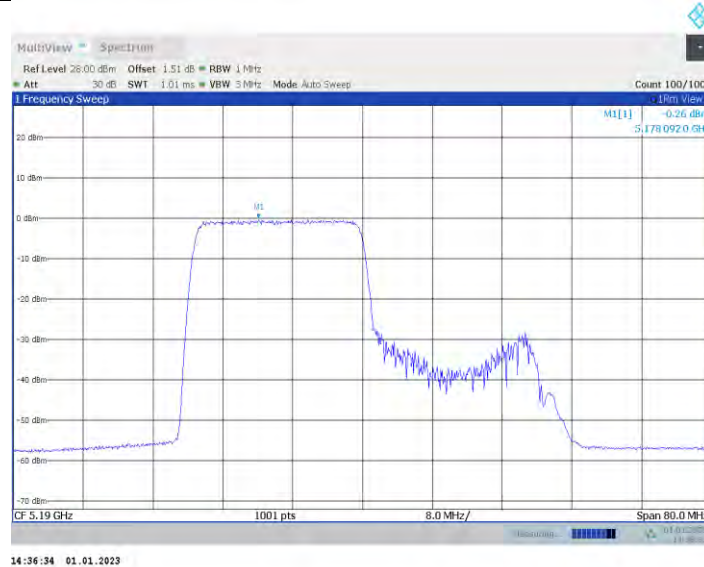
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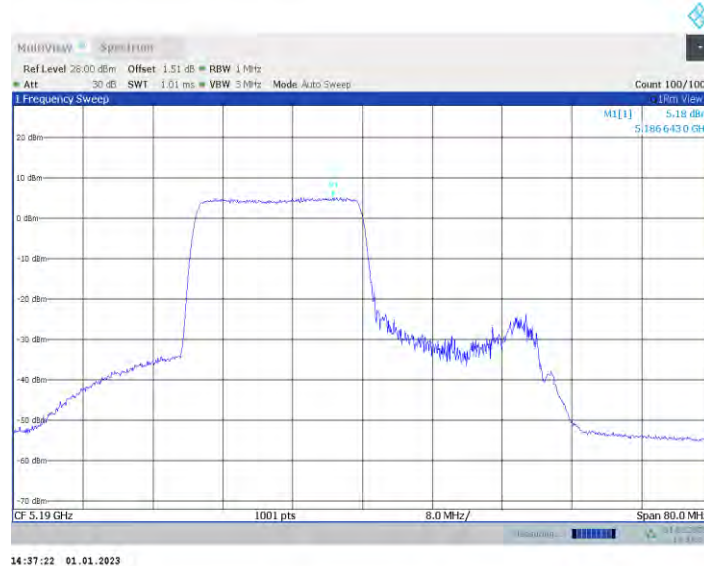
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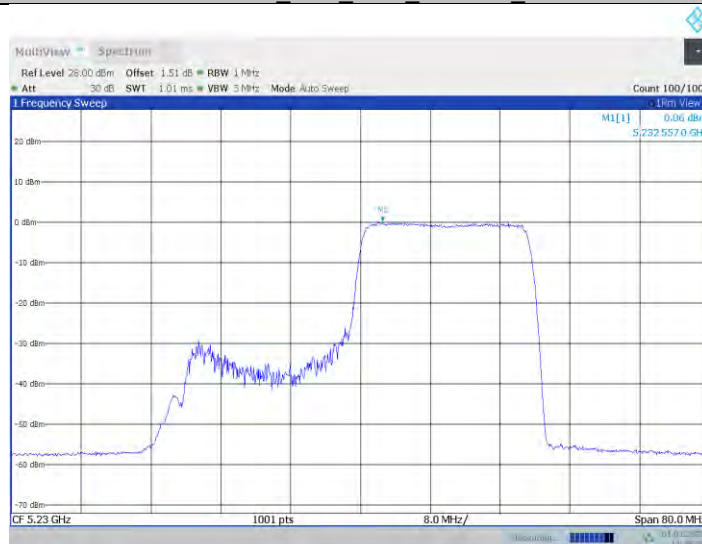
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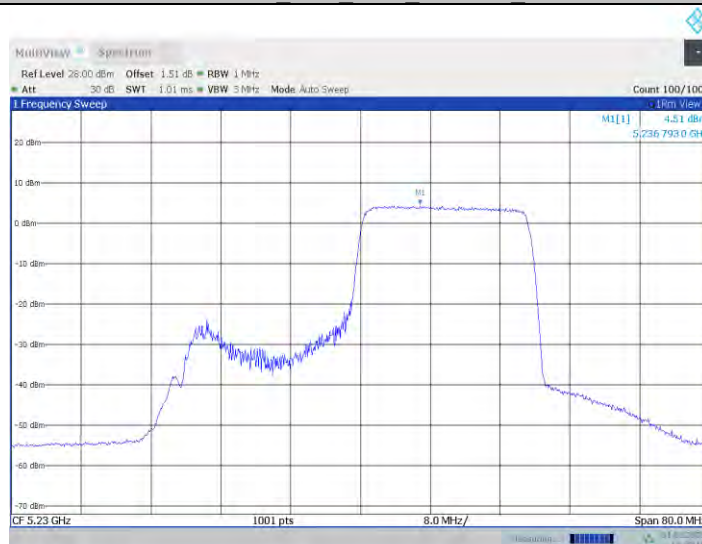
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14:55:10 01.01.2023



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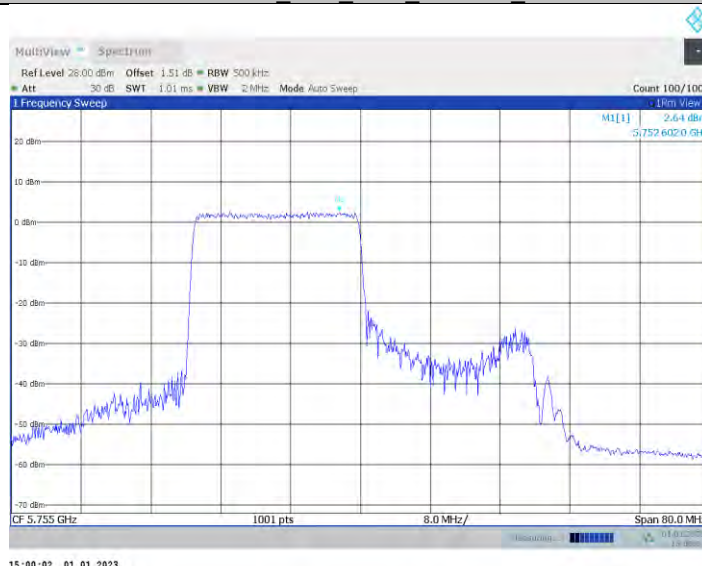
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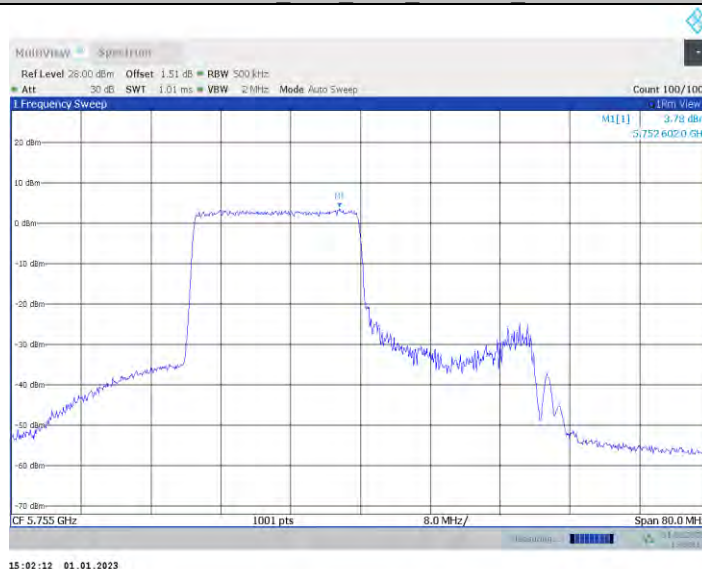
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11ax40MIMO Ant1_5755_242Tone_RU61



11ax40MIMO Ant2_5755_242Tone_RU61



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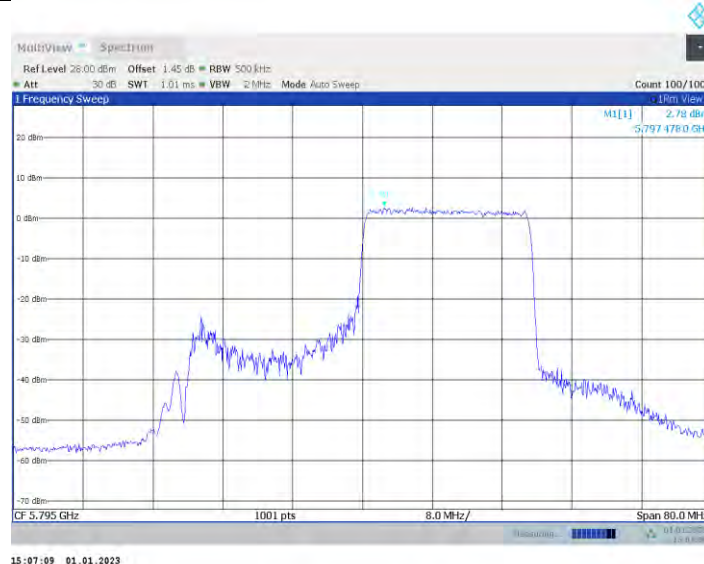
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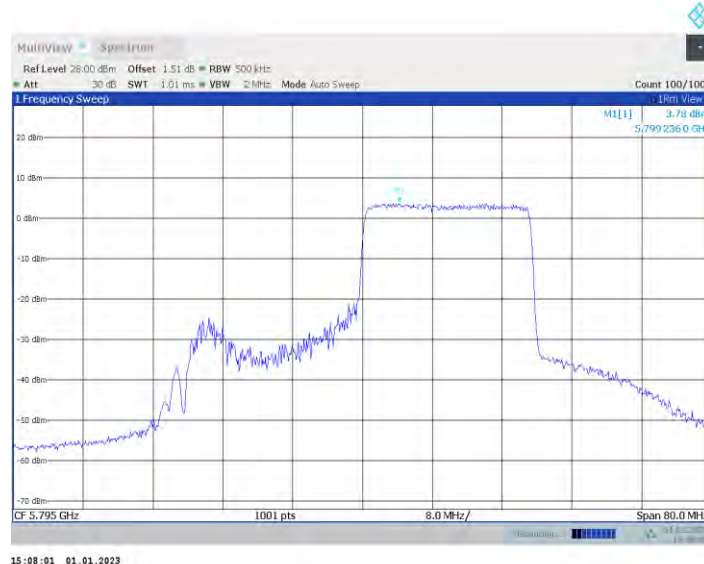
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11ax40MIMO Ant1_5795_242Tone_RU62



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15:08:01 01.01.2023



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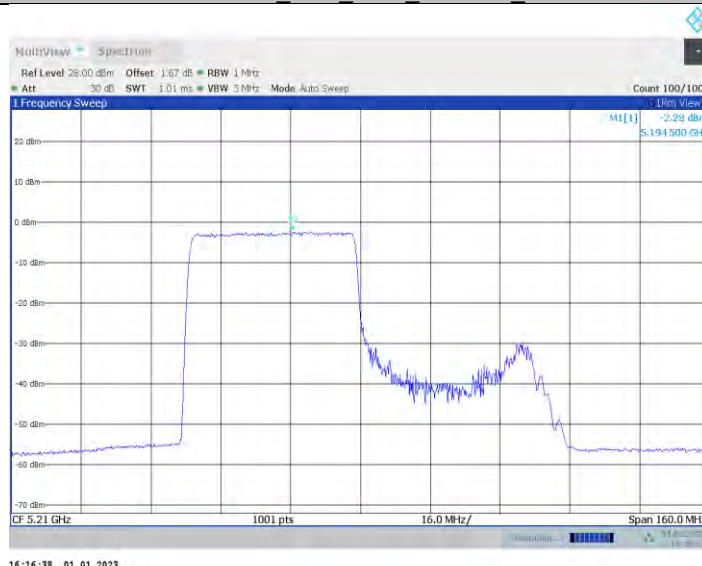
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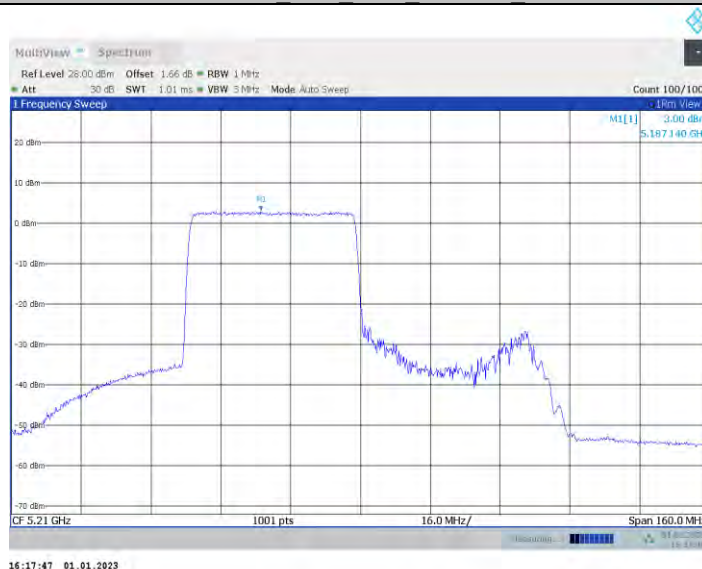
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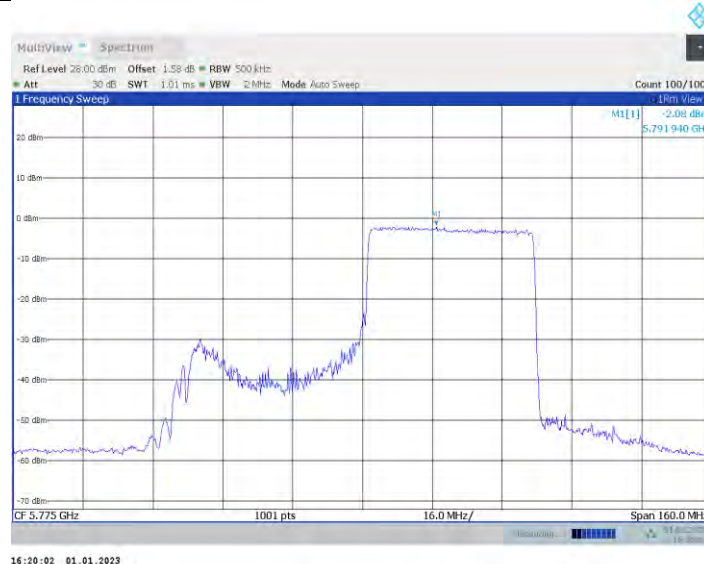
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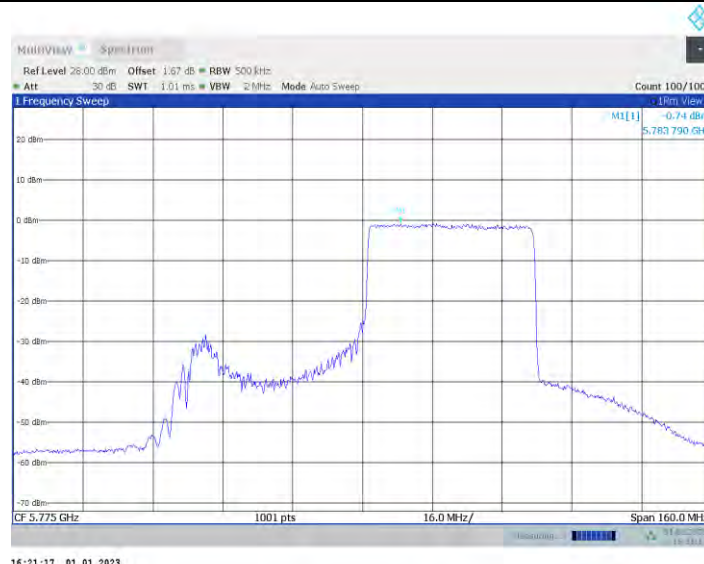
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11ax80MIMO_Ant1_5775_484Tone_RU66



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11ax80MIMO_Ant2_5775_484Tone_RU66



16:21:17 01.01.2023

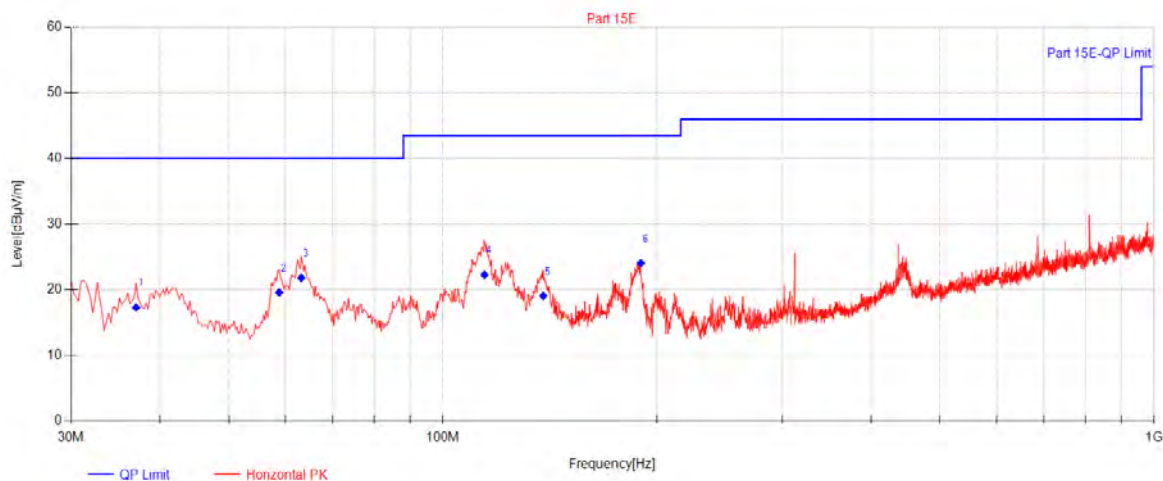


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Radiated Spurious Emissions**Radiated emission below 1GHz****Worst case Mode: 802.11ac20_Channel 140****Final Data List**

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	37.0325	40.03	-36.40	13.67	17.30	40.00	22.70	213	244	Horizontal
2	58.8575	43.11	-36.37	12.84	19.58	40.00	20.42	214	152	Horizontal
3	63.2225	46.15	-36.44	12.13	21.84	40.00	18.16	184	297	Horizontal
4	114.39	46.82	-36.15	11.62	22.29	43.50	21.21	159	111	Horizontal
5	138.3975	41.22	-35.56	13.39	19.05	43.50	24.45	198	225	Horizontal
6	189.8075	47.12	-35.42	12.34	24.04	43.50	19.46	176	256	Horizontal



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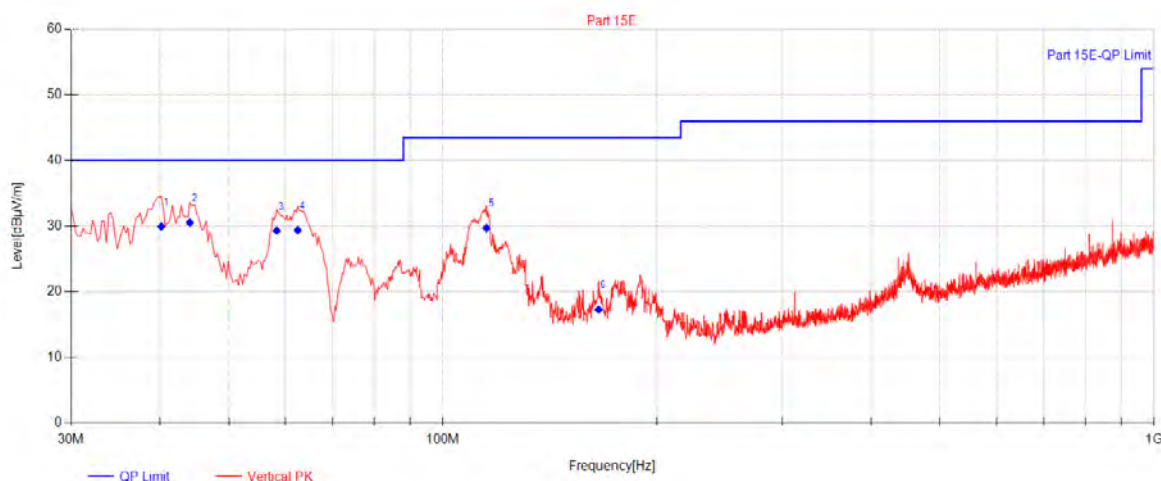
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	40.185	52.17	-36.27	14.05	29.96	40.00	10.04	258	225	Vertical
2	44.065	53.03	-36.22	13.73	30.54	40.00	9.46	149	215	Vertical
3	58.3725	52.81	-36.36	12.88	29.33	40.00	10.67	168	267	Vertical
4	62.495	53.56	-36.43	12.27	29.40	40.00	10.60	199	267	Vertical
5	115.1175	54.19	-36.15	11.70	29.74	43.50	13.76	235	329	Vertical
6	165.5575	38.22	-35.22	14.29	17.29	43.50	26.21	178	175	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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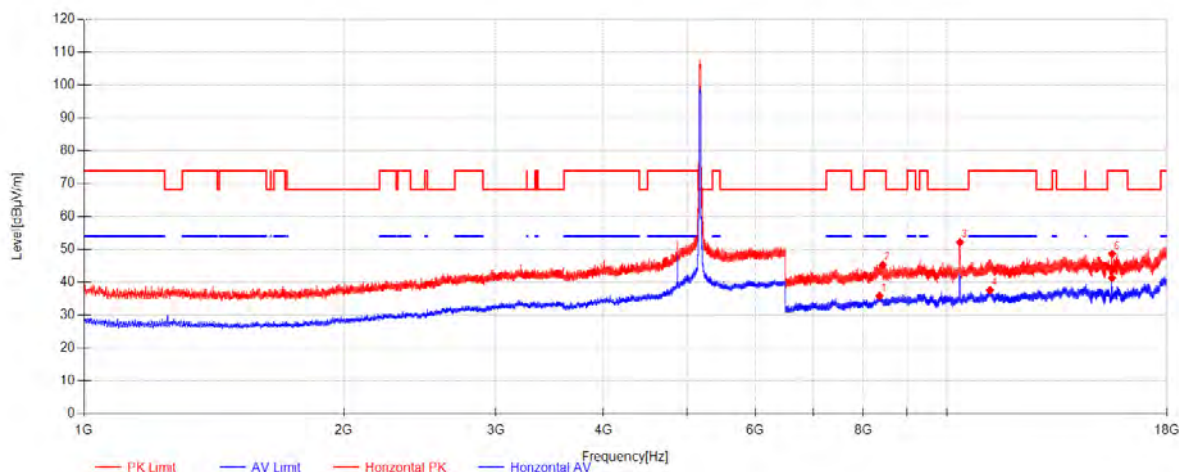
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Transmitter emission Above 1GHz

802.11a_Channel 36



Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8353.8958	40.20	37.27	-41.60	35.87	54.00	18.13	254	164	Horizontal
2	8426.7292	49.39	37.39	-41.48	45.29	74.00	28.71	162	90	Horizontal
3	10355.8542	52.19	38.85	-38.83	52.21	68.30	16.09	253	42	Horizontal
4	11221.7083	35.23	39.11	-36.74	37.60	54.00	16.40	236	0	Horizontal
5	15539.9583	37.53	38.52	-34.81	41.24	54.00	12.76	210	311	Horizontal
6	15544.75	44.86	38.51	-34.78	48.60	74.00	25.40	145	287	Horizontal



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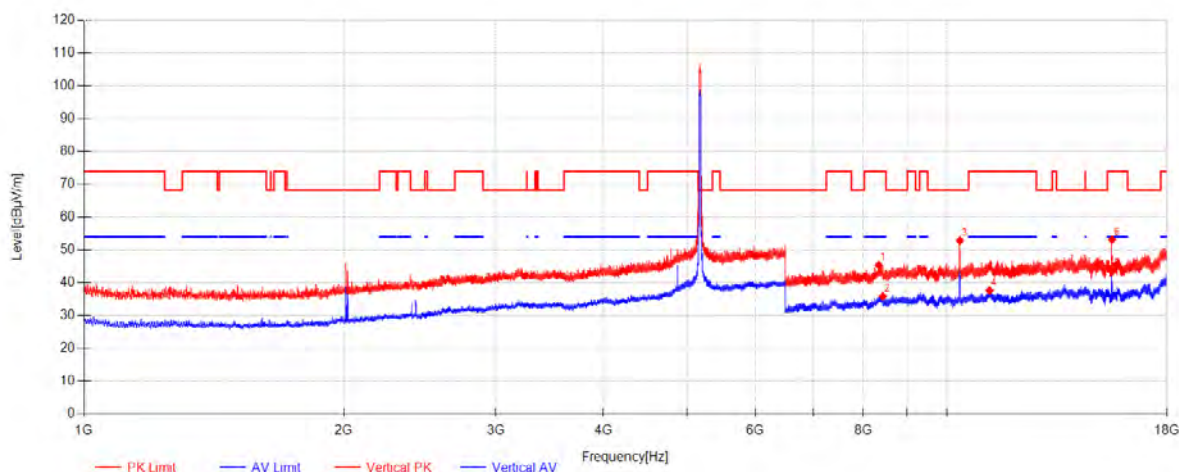
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802.11a_Channel 36



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8336.6458	49.81	37.25	-41.69	45.37	74.00	28.63	254	190	Vertical
2	8429.125	39.97	37.39	-41.50	35.87	54.00	18.13	165	116	Vertical
3	10355.375	52.87	38.85	-38.83	52.89	68.30	15.41	129	311	Vertical
4	11206.8542	35.18	39.11	-36.64	37.65	54.00	16.35	152	116	Vertical
5	15537.0833	39.86	38.52	-34.84	43.55	54.00	10.45	199	287	Vertical
6	15544.2708	49.41	38.52	-34.78	53.14	74.00	20.86	111	263	Vertical



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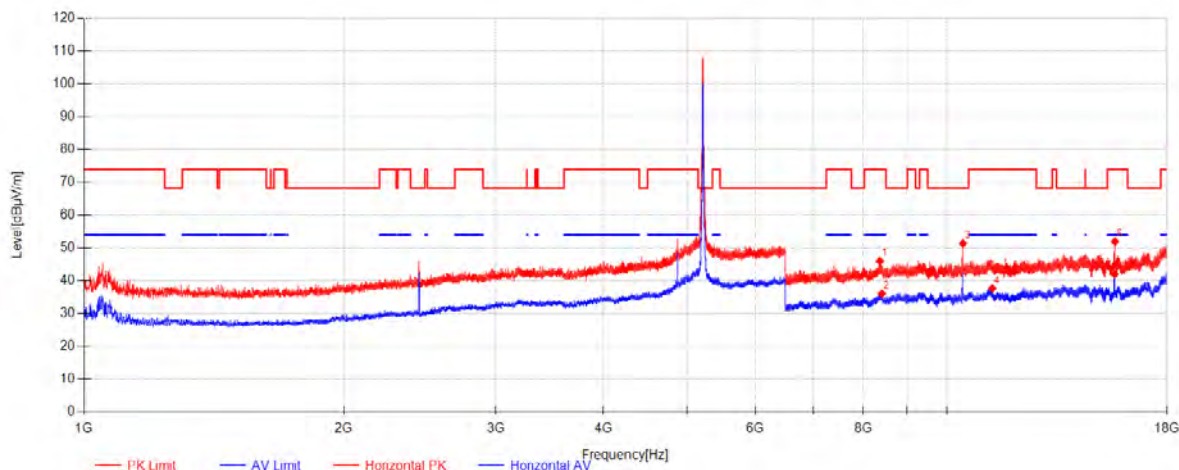
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802.11a_Channel 44



Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8364.9167	50.24	37.29	-41.55	45.98	74.00	28.02	158	255	Horizontal
2	8407.5625	40.16	37.35	-41.40	36.10	54.00	17.90	149	68	Horizontal
3	10438.2708	51.28	38.90	-38.74	51.44	68.30	16.86	163	23	Horizontal
4	11288.7917	35.74	39.11	-37.16	37.69	54.00	16.31	256	263	Horizontal
5	15656.3958	37.34	38.37	-33.74	41.97	54.00	12.03	133	287	Horizontal
6	15659.75	47.33	38.37	-33.71	51.99	74.00	22.01	281	43	Horizontal



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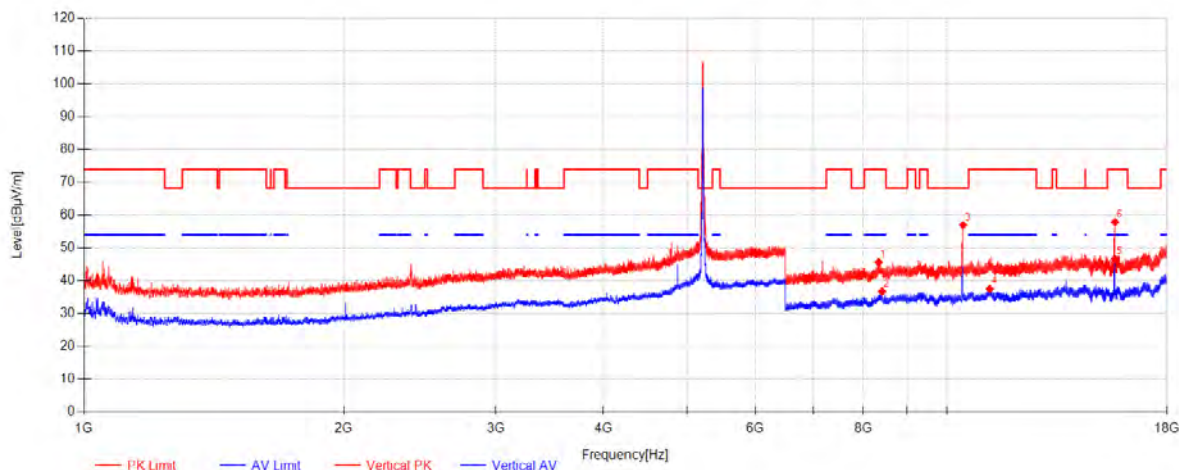
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802.11a_Channel 44



Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8335.6875	50.08	37.25	-41.69	45.64	74.00	28.36	256	311	Vertical
2	8413.3125	40.78	37.36	-41.43	36.71	54.00	17.29	132	38	Vertical
3	10440.1875	56.75	38.90	-38.74	56.91	68.30	11.39	148	335	Vertical
4	11216.4375	35.10	39.11	-36.70	37.51	54.00	16.49	175	65	Vertical
5	15658.7917	41.99	38.37	-33.72	46.64	54.00	7.36	142	87	Vertical
6	15661.1875	53.20	38.37	-33.69	57.88	74.00	16.12	166	65	Vertical



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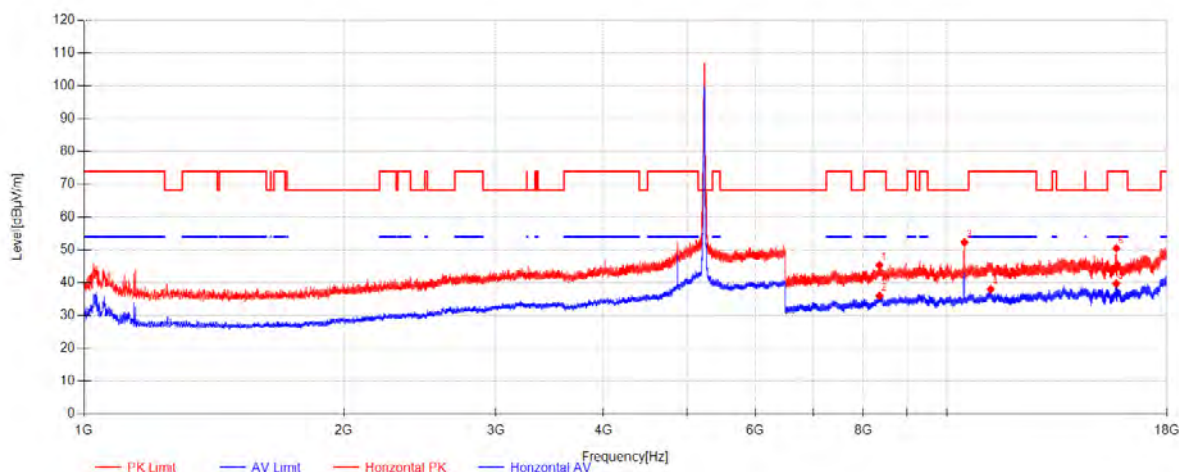
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802.11a_Channel 48



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8353.4167	49.69	37.27	-41.60	45.36	74.00	28.64	236	6	Horizontal
2	8356.2917	40.36	37.28	-41.59	36.05	54.00	17.95	251	238	Horizontal
3	10481.3958	52.12	38.94	-38.75	52.31	68.30	15.99	145	336	Horizontal
4	11241.3542	35.77	39.11	-36.86	38.02	54.00	15.98	129	116	Horizontal
5	15718.6875	34.62	38.30	-33.22	39.69	54.00	14.31	166	288	Horizontal
6	15722.5208	45.44	38.29	-33.21	50.52	74.00	23.48	239	311	Horizontal



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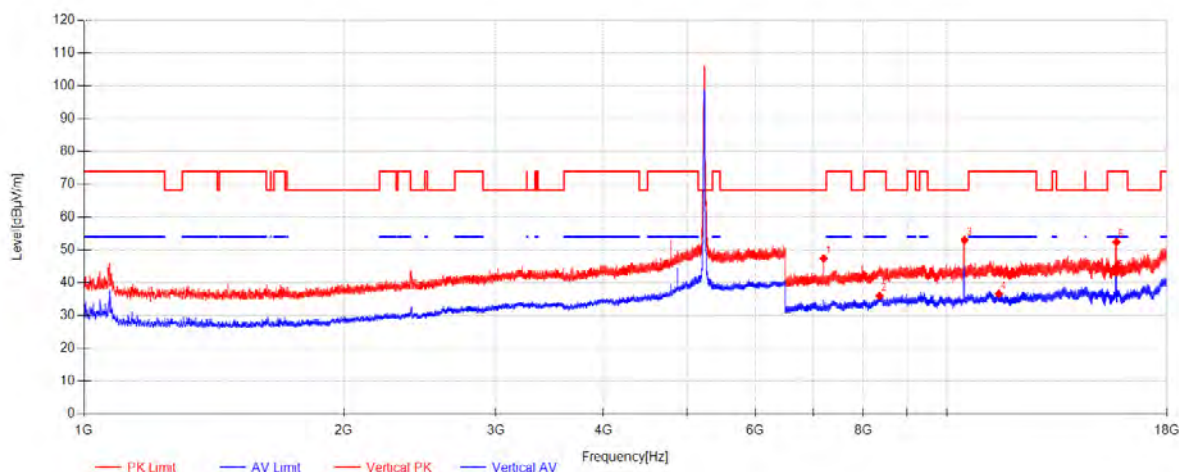
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7198.625	54.39	36.60	-43.61	47.38	68.30	20.92	255	116	Vertical
2	8355.8125	40.33	37.27	-41.59	36.01	54.00	17.99	136	140	Vertical
3	10482.3542	52.84	38.94	-38.75	53.03	68.30	15.27	265	335	Vertical
4	11491.9583	34.21	39.01	-36.59	36.63	54.00	17.37	145	311	Vertical
5	15716.7708	38.00	38.30	-33.23	43.07	54.00	10.93	188	19	Vertical
6	15726.3542	47.34	38.29	-33.21	52.42	74.00	21.58	195	261	Vertical



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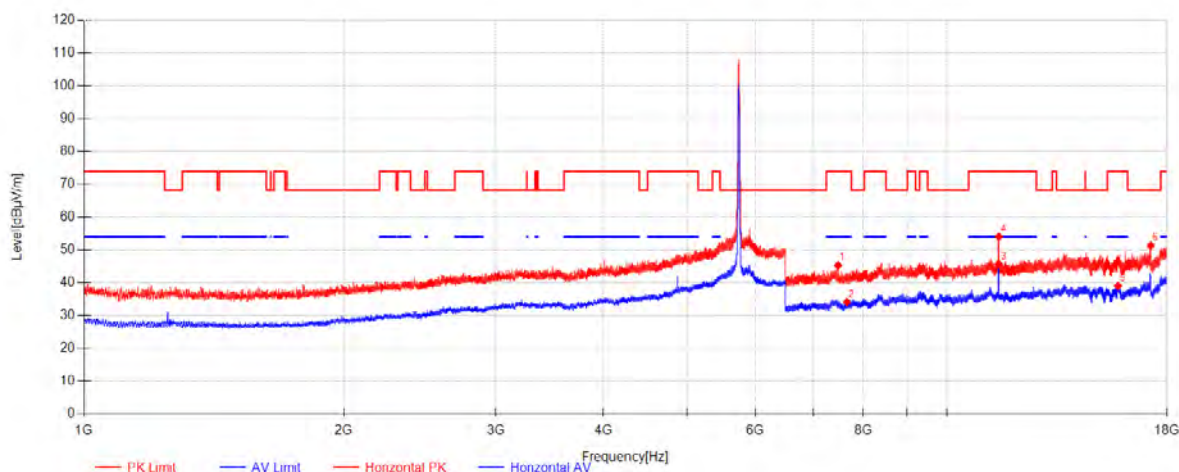
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802.11a_Channel 149



Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7479.8958	51.95	36.45	-43.09	45.31	74.00	28.69	148	144	Horizontal
2	7659.1042	40.47	36.51	-42.86	34.11	54.00	19.89	165	0	Horizontal
3	11489.5625	43.26	39.01	-36.61	45.66	54.00	8.34	192	25	Horizontal
4	11490.5208	51.65	39.01	-36.60	54.06	74.00	19.94	142	116	Horizontal
5	15790.5625	33.87	38.21	-33.08	39.00	54.00	15.00	135	92	Horizontal
6	17230.4583	47.65	38.65	-34.93	51.37	68.30	16.93	281	19	Horizontal



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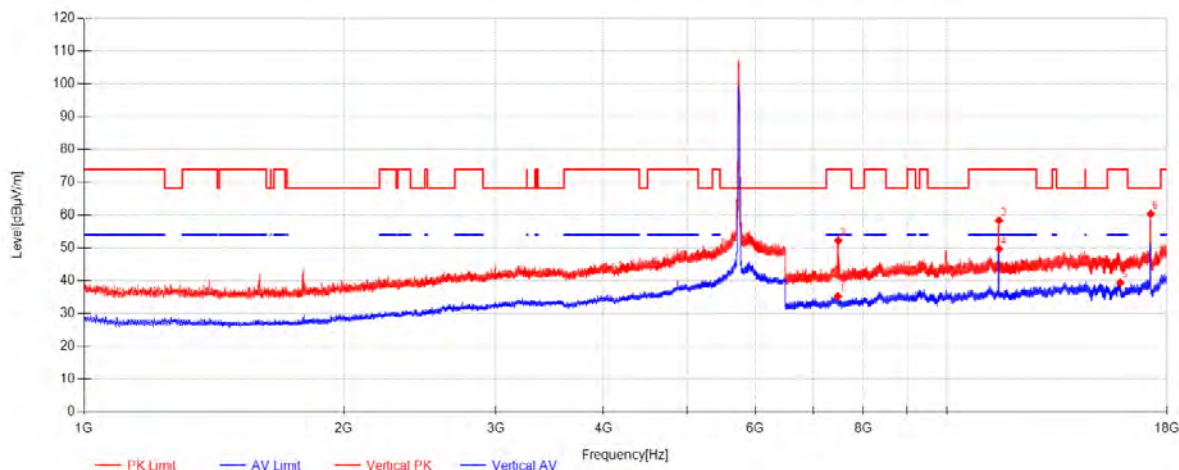
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802.11a_Channel 149



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7475.5833	41.88	36.45	-43.08	35.25	54.00	18.75	125	91	Vertical
2	7485.1667	58.91	36.45	-43.11	52.24	74.00	21.76	169	25	Vertical
3	11494.3542	55.93	39.01	-36.57	58.37	74.00	15.63	155	115	Vertical
4	11494.8333	47.24	39.01	-36.56	49.68	54.00	4.32	142	141	Vertical
5	15882.5625	35.24	38.06	-33.94	39.36	54.00	14.64	136	213	Vertical
6	17229.5	56.66	38.65	-34.93	60.38	68.30	7.92	261	67	Vertical



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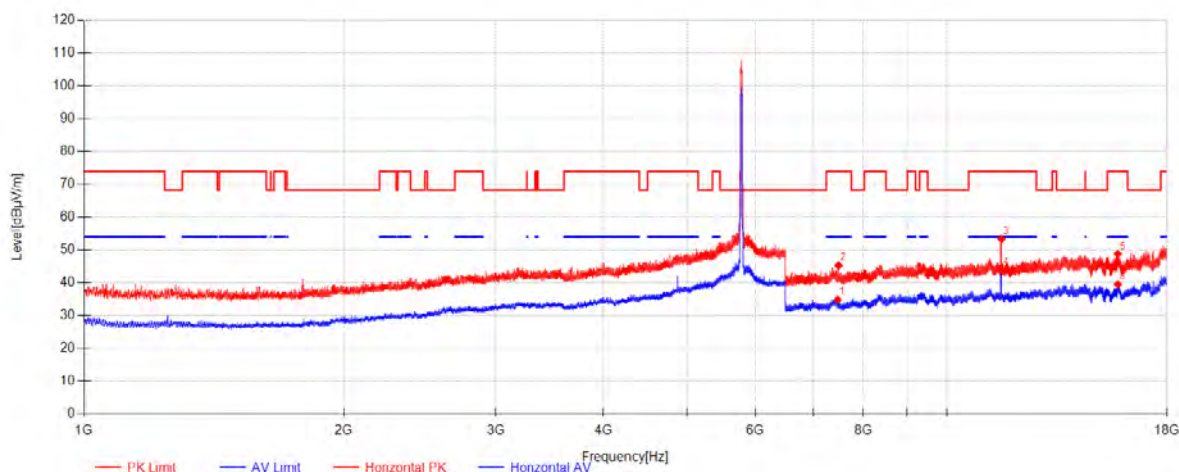
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Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7472.2292	41.47	36.45	-43.06	34.86	54.00	19.14	266	1	Horizontal
2	7489.9583	51.98	36.45	-43.13	45.29	74.00	28.71	145	66	Horizontal
3	11570.5417	51.30	38.92	-36.84	53.38	74.00	20.62	128	90	Horizontal
4	11573.8958	41.98	38.92	-36.86	44.04	54.00	9.96	192	116	Horizontal
5	15780.0208	43.63	38.22	-33.10	48.75	74.00	25.25	132	90	Horizontal
6	15786.7292	34.32	38.22	-33.09	39.45	54.00	14.55	155	1	Horizontal



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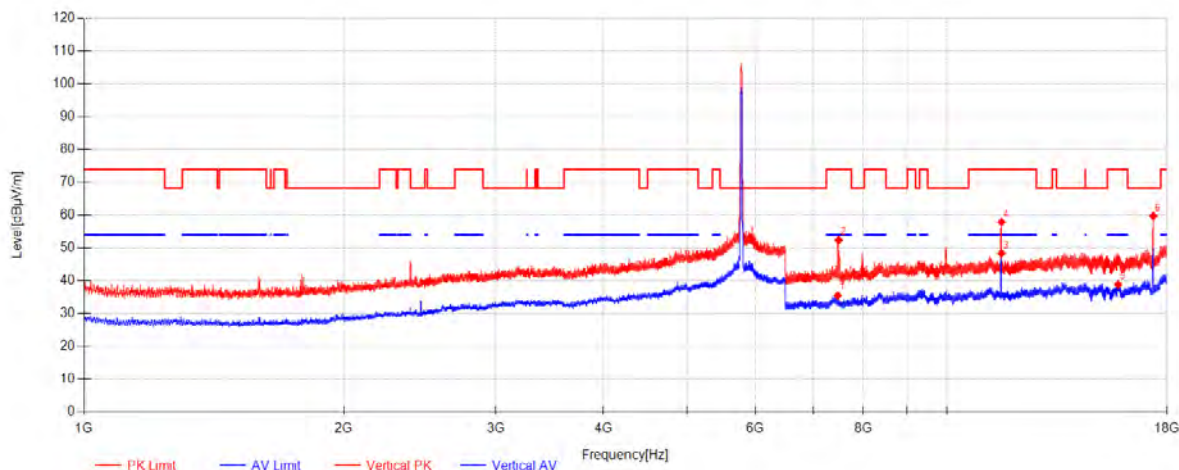
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Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7472.7083	42.13	36.45	-43.07	35.52	54.00	18.48	254	115	Vertical
2	7492.3542	59.12	36.44	-43.14	52.42	74.00	21.58	168	92	Vertical
3	11567.6667	46.25	38.93	-36.83	48.35	54.00	5.65	188	139	Vertical
4	11571.0208	55.83	38.92	-36.84	57.91	74.00	16.09	166	115	Vertical
5	15795.3542	33.67	38.21	-33.07	38.81	54.00	15.19	236	19	Vertical
6	17350.7292	56.00	38.80	-35.02	59.78	68.30	8.52	261	66	Vertical



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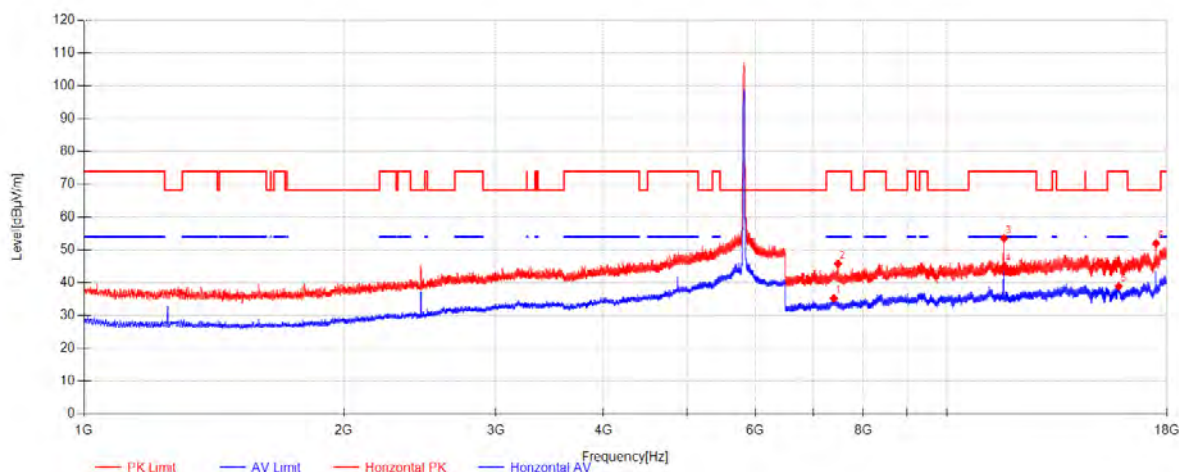
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Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7396.5208	41.61	36.49	-42.81	35.29	54.00	18.71	223	116	Horizontal
2	7478.4583	52.45	36.45	-43.09	45.81	74.00	28.19	165	67	Horizontal
3	11648.1667	51.27	38.86	-36.55	53.57	74.00	20.43	211	20	Horizontal
4	11649.125	42.65	38.86	-36.54	44.96	54.00	9.04	148	313	Horizontal
5	15819.7917	34.00	38.17	-33.27	38.89	54.00	15.11	196	5	Horizontal
6	17476.2708	46.95	39.12	-34.06	52.00	68.30	16.30	184	116	Horizontal



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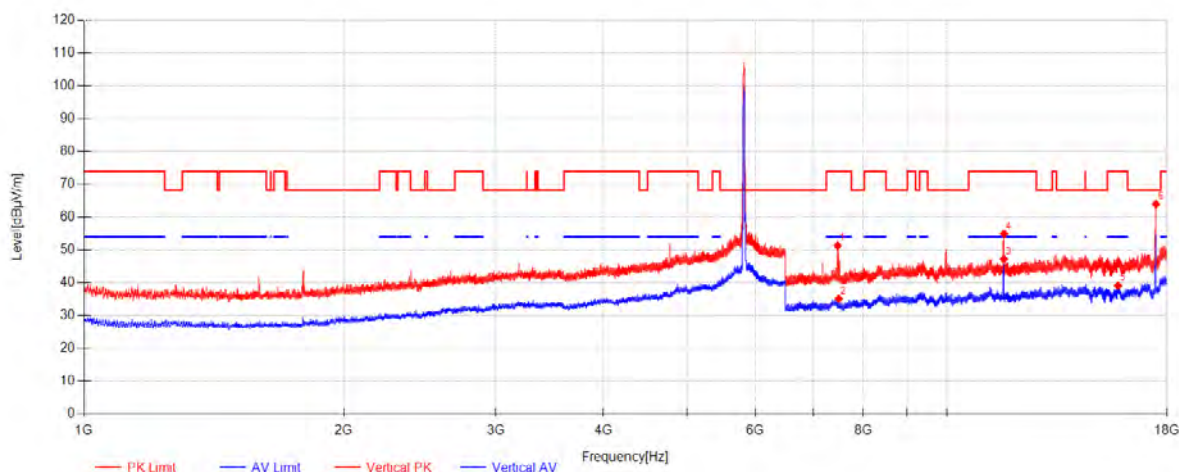
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Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7471.75	57.97	36.45	-43.06	51.36	74.00	22.64	148	22	Vertical
2	7496.1875	41.87	36.44	-43.16	35.16	54.00	18.84	126	91	Vertical
3	11644.8125	44.91	38.86	-36.58	47.19	54.00	6.81	251	115	Vertical
4	11650.5625	52.59	38.85	-36.53	54.91	74.00	19.09	132	265	Vertical
5	15789.125	33.94	38.21	-33.08	39.07	54.00	14.93	199	42	Vertical
6	17474.3542	58.93	39.11	-34.08	63.96	68.30	4.34	146	66	Vertical



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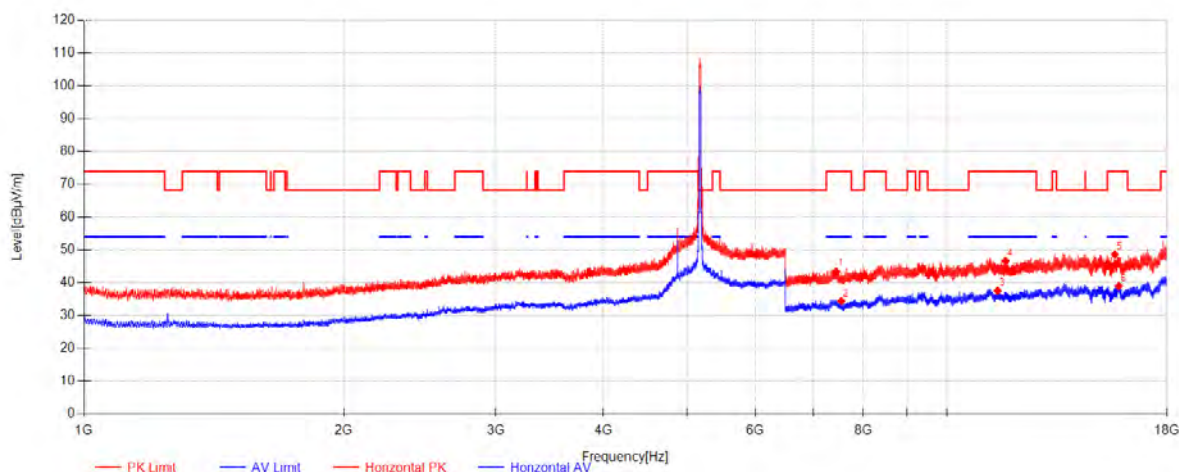
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802.11ac20_Channel 36



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7443.9583	49.90	36.47	-42.96	43.41	74.00	30.59	256	139	Horizontal
2	7545.0625	40.98	36.42	-42.98	34.42	54.00	19.58	142	213	Horizontal
3	11452.1875	35.48	39.05	-36.99	37.54	54.00	16.46	188	237	Horizontal
4	11695.125	43.93	38.82	-36.13	46.62	74.00	27.38	198	286	Horizontal
5	15655.4375	43.93	38.37	-33.75	48.55	74.00	25.45	174	17	Horizontal
6	15821.2292	34.08	38.16	-33.29	38.96	54.00	15.04	185	213	Horizontal



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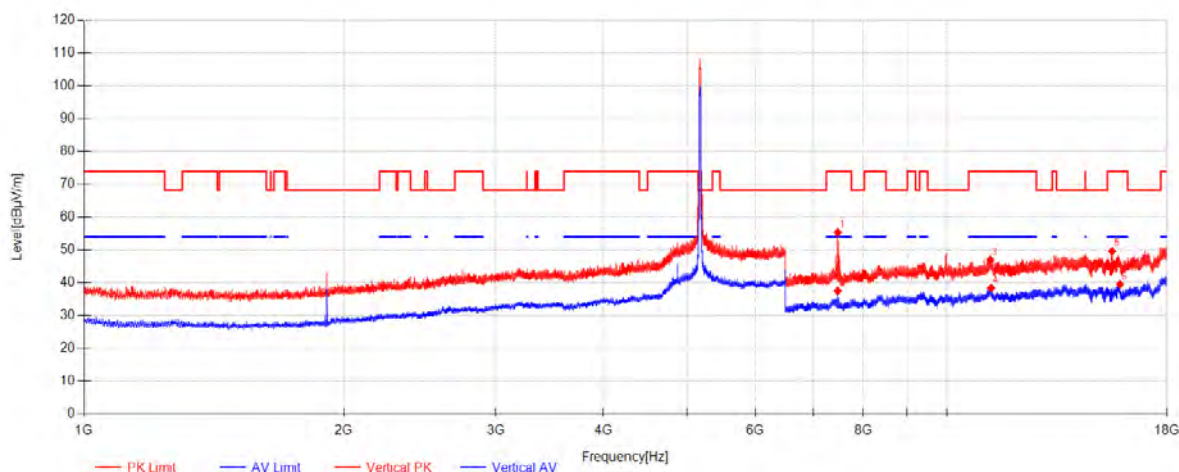
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Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7472.2292	61.91	36.45	-43.06	55.30	74.00	18.70	236	122	Vertical
2	7472.7083	44.12	36.45	-43.07	37.51	54.00	16.49	256	90	Vertical
3	11230.8125	44.63	39.11	-36.79	46.95	74.00	27.05	148	287	Vertical
4	11253.3333	36.18	39.11	-36.94	38.35	54.00	15.65	192	1	Vertical
5	15542.8333	45.89	38.52	-34.79	49.61	74.00	24.39	174	66	Vertical
6	15867.2292	35.20	38.09	-33.78	39.51	54.00	14.49	153	66	Vertical



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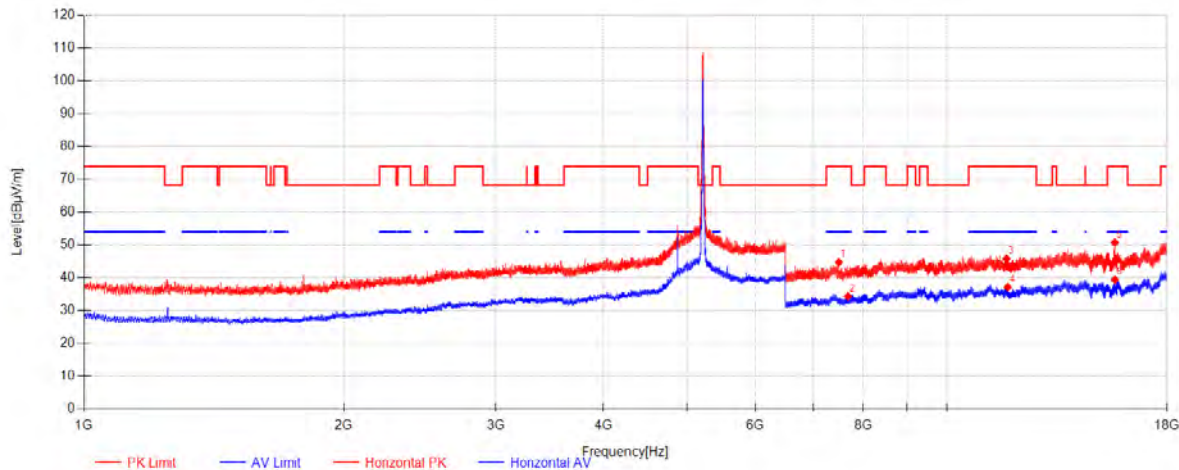
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Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7496.6667	51.43	36.44	-43.16	44.71	74.00	29.29	248	68	Horizontal
2	7680.1875	40.70	36.55	-42.91	34.34	54.00	19.66	174	217	Horizontal
3	11726.2708	43.38	38.80	-36.38	45.80	74.00	28.20	156	92	Horizontal
4	11766.0417	35.20	38.77	-36.82	37.15	54.00	16.85	136	22	Horizontal
5	15656.875	46.12	38.37	-33.74	50.75	74.00	23.25	261	199	Horizontal
6	15657.3542	34.74	38.37	-33.73	39.38	54.00	14.62	199	46	Horizontal



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