

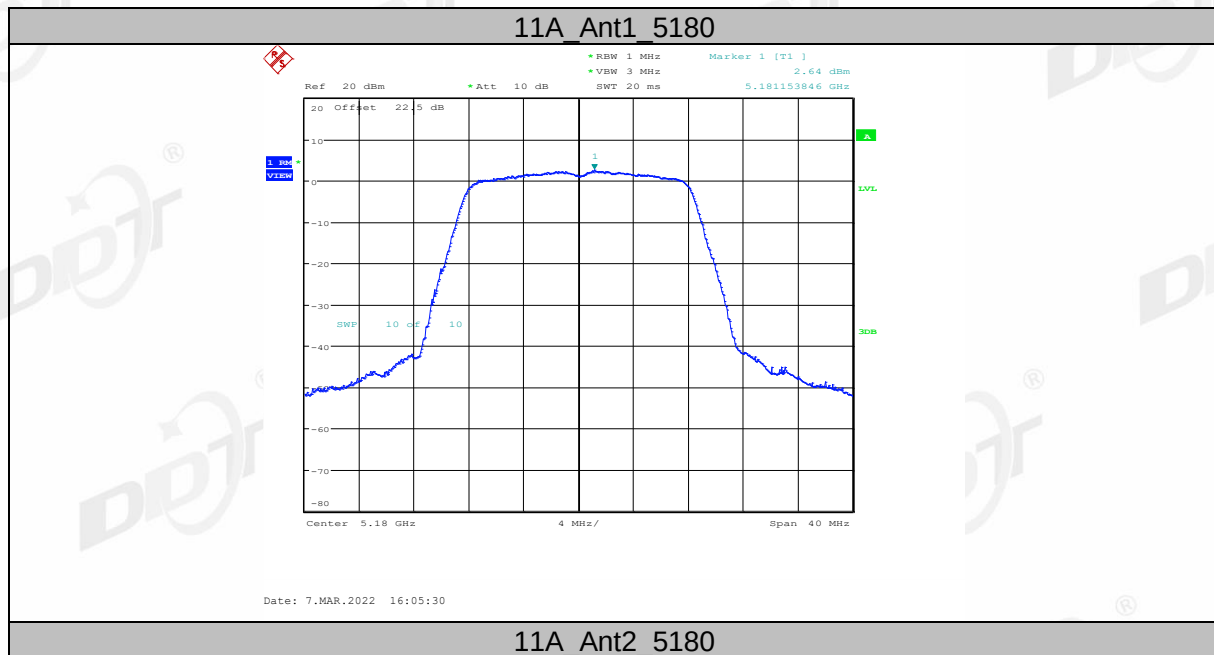
6.4. Test result

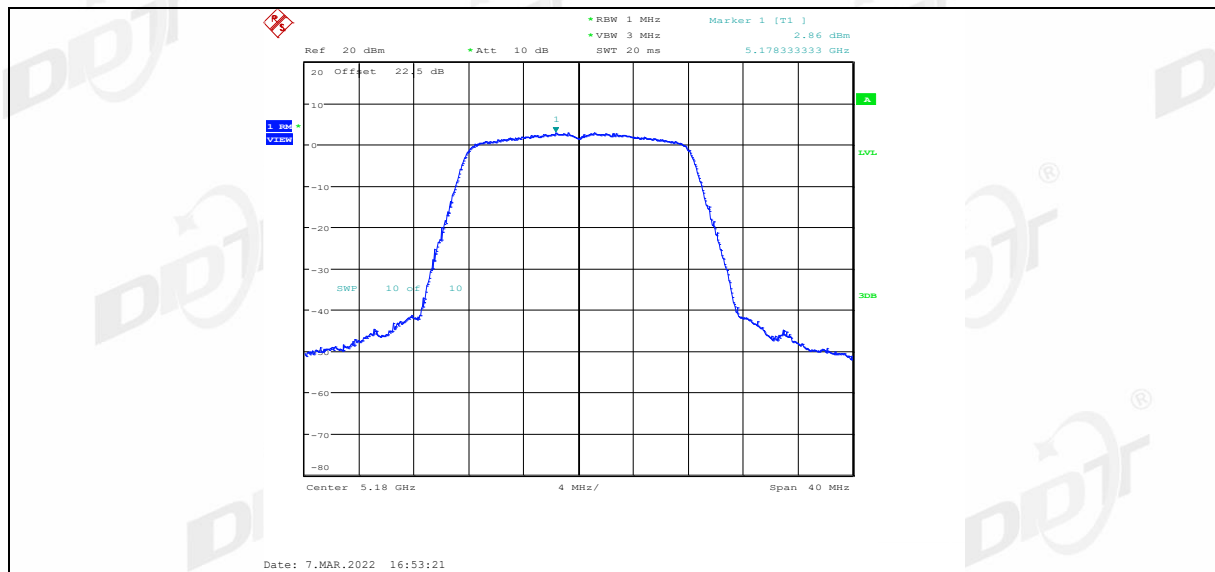
Test Mode	Ant	Ch	Conducted PSD [dBm/MHz]	Conducted Limit [dBm/MHz]	ISED EIRP PSD [dBm/MHz]	ISED EIRP Limit [dBm/MHz]	Verdict
11A	Ant1	5180	2.64	≤10	9.64	≤10	Pass
	Ant2	5180	2.86	≤10	9.86	≤10	Pass
	Ant1	5200	2.59	≤10	9.59	≤10	Pass
	Ant2	5200	2.85	≤10	9.85	≤10	Pass
	Ant1	5240	2.94	≤10	9.94	≤10	Pass
	Ant2	5240	2.21	≤10	9.21	≤10	Pass
	Ant1	5745	-5.49	≤29	1.51	--	Pass
	Ant2	5745	-7.19	≤29	-0.19	--	Pass
	Ant1	5785	-6.75	≤29	0.25	--	Pass
	Ant2	5785	-5.86	≤29	1.14	--	Pass
	Ant1	5825	-3.90	≤29	3.10	--	Pass
	Ant2	5825	-6.95	≤29	0.05	--	Pass
11N20MIMO	Ant1	5180	-3.76	≤10	3.24	≤10	Pass
	Ant2	5180	-2.43	≤10	4.57	≤10	Pass
	total	5180	-0.03	≤7	9.98	≤10	Pass
	Ant1	5200	-3.69	≤10	3.31	≤10	Pass
	Ant2	5200	-2.87	≤10	4.13	≤10	Pass
	total	5200	-0.25	≤7	9.76	≤10	Pass
	Ant1	5240	-3.29	≤10	3.71	≤10	Pass
	Ant2	5240	-2.79	≤10	4.21	≤10	Pass
	total	5240	-0.02	≤7	9.99	≤10	Pass
	Ant1	5745	-7.30	≤29	-0.30	--	Pass
	Ant2	5745	-7.54	≤29	-0.54	--	Pass
	total	5745	-4.41	≤26	5.60	--	Pass
	Ant1	5785	-7.54	≤29	-0.54	--	Pass
	Ant2	5785	-7.23	≤29	-0.23	--	Pass
	total	5785	-4.37	≤26	5.64	--	Pass
	Ant1	5825	-6.89	≤29	0.11	--	Pass
	Ant2	5825	-7.98	≤29	-0.98	--	Pass
	total	5825	-4.39	≤26	5.62	--	Pass
11N40MIMO	Ant1	5190	-9.85	≤10	-2.85	≤10	Pass
	Ant2	5190	-9.17	≤10	-2.17	≤10	Pass
	total	5190	-6.49	≤7	3.52	≤10	Pass
	Ant1	5230	-9.88	≤10	-2.88	≤10	Pass
	Ant2	5230	-9.35	≤10	-2.35	≤10	Pass
	total	5230	-6.60	≤7	3.41	≤10	Pass
	Ant1	5755	-10.55	≤29	-3.55	--	Pass
	Ant2	5755	-10.55	≤29	-3.55	--	Pass
	total	5755	-7.54	≤26	2.47	--	Pass
	Ant1	5795	-9.97	≤29	-2.97	--	Pass
	Ant2	5795	-10.95	≤29	-3.95	--	Pass
	total	5795	-7.42	≤26	2.59	--	Pass
11AC20MIMO	Ant1	5180	-4.10	≤10	2.90	≤10	Pass
	Ant2	5180	-3.06	≤10	3.94	≤10	Pass
	total	5180	-0.54	≤7	9.47	≤10	Pass
	Ant1	5200	-3.65	≤10	3.35	≤10	Pass
	Ant2	5200	-3.09	≤10	3.91	≤10	Pass

	total	5200	-0.35	≤ 7	9.66	≤ 10	Pass
	Ant1	5240	-3.09	≤ 10	3.91	≤ 10	Pass
	Ant2	5240	-3.13	≤ 10	3.87	≤ 10	Pass
	total	5240	-0.10	≤ 7	9.91	≤ 10	Pass
	Ant1	5745	-7.69	≤ 29	-0.69	--	Pass
	Ant2	5745	-7.72	≤ 29	-0.72	--	Pass
	total	5745	-4.69	≤ 26	5.32	--	Pass
	Ant1	5785	-7.26	≤ 29	-0.26	--	Pass
	Ant2	5785	-7.87	≤ 29	-0.87	--	Pass
	total	5785	-4.54	≤ 26	5.47	--	Pass
	Ant1	5825	-6.72	≤ 29	0.28	--	Pass
	Ant2	5825	-8.62	≤ 29	-1.62	--	Pass
	total	5825	-4.56	≤ 26	5.45	--	Pass
11AC40MIMO	Ant1	5190	-7.03	≤ 10	-0.03	≤ 10	Pass
	Ant2	5190	-5.82	≤ 10	1.18	≤ 10	Pass
	total	5190	-3.37	≤ 7	6.64	≤ 10	Pass
	Ant1	5230	-6.65	≤ 10	0.35	≤ 10	Pass
	Ant2	5230	-6.68	≤ 10	0.32	≤ 10	Pass
	total	5230	-3.65	≤ 7	6.36	≤ 10	Pass
	Ant1	5755	-10.43	≤ 29	-3.43	--	Pass
	Ant2	5755	-10.52	≤ 29	-3.52	--	Pass
	total	5755	-7.46	≤ 26	2.55	--	Pass
	Ant1	5795	-10.48	≤ 29	-3.48	--	Pass
	Ant2	5795	-11.05	≤ 29	-4.05	--	Pass
	total	5795	-7.75	≤ 26	2.26	--	Pass
11AC80MIMO	Ant1	5210	-5.61	≤ 10	1.39	≤ 10	Pass
	Ant2	5210	-5.16	≤ 10	1.84	≤ 10	Pass
	total	5210	-2.37	≤ 7	7.64	≤ 10	Pass
	Ant1	5775	-9.74	≤ 29	-2.74	--	Pass
	Ant2	5775	-9.56	≤ 29	-2.56	--	Pass
	total	5775	-6.64	≤ 26	3.37	--	Pass
11AX20MIMO	Ant1	5180	-3.98	≤ 10	3.02	≤ 10	Pass
	Ant2	5180	-3.25	≤ 10	3.75	≤ 10	Pass
	total	5180	-0.59	≤ 7	9.42	≤ 10	Pass
	Ant1	5200	-4.17	≤ 10	2.83	≤ 10	Pass
	Ant2	5200	-2.98	≤ 10	4.02	≤ 10	Pass
	total	5200	-0.52	≤ 7	9.49	≤ 10	Pass
	Ant1	5240	-3.14	≤ 10	3.86	--	Pass
	Ant2	5240	-3.31	≤ 10	3.69	--	Pass
	total	5240	-0.21	≤ 7	9.80	--	Pass
	Ant1	5745	-7.66	≤ 29	-0.66	--	Pass
	Ant2	5745	-7.12	≤ 29	-0.12	--	Pass
	total	5745	-4.37	≤ 26	5.64	--	Pass
	Ant1	5785	-6.77	≤ 29	0.23	--	Pass
	Ant2	5785	-7.09	≤ 29	-0.09	--	Pass
	total	5785	-3.92	≤ 26	6.09	--	Pass
	Ant1	5825	-6.89	≤ 29	0.11	--	Pass
	Ant2	5825	-9.33	≤ 29	-2.33	--	Pass
	total	5825	-4.93	≤ 26	5.08	--	Pass
11AX40MIMO	Ant1	5190	-7.10	≤ 10	-0.10	≤ 10	Pass
	Ant2	5190	-5.98	≤ 10	1.02	≤ 10	Pass

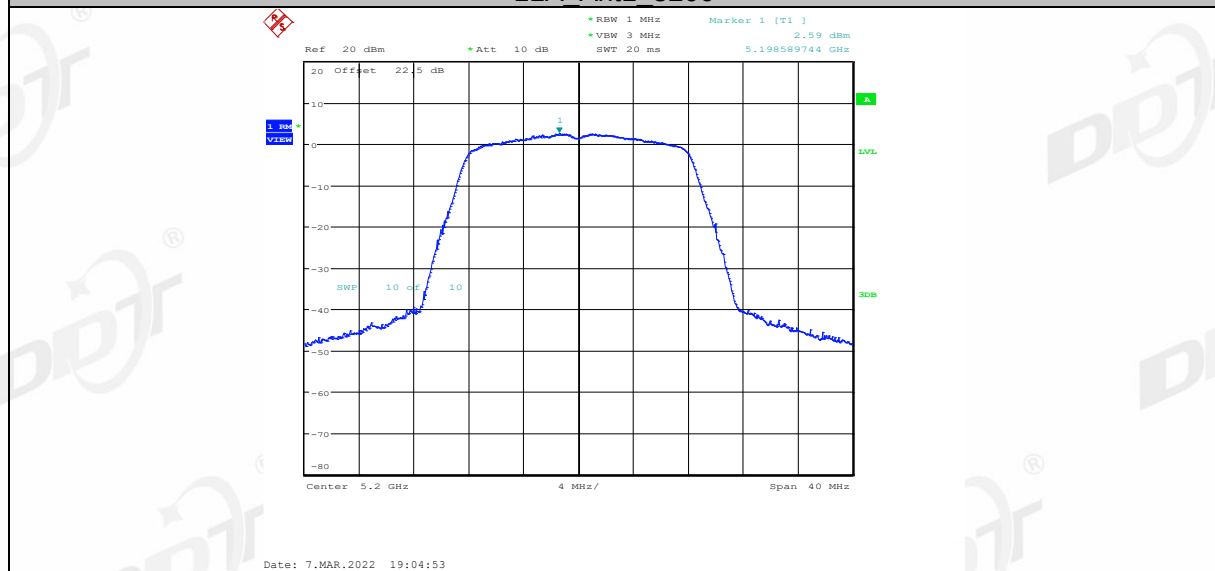
	total	5190	-3.49	≤ 7	6.52	≤ 10	Pass
	Ant1	5230	-6.79	≤ 10	0.21	≤ 10	Pass
	Ant2	5230	-6.87	≤ 10	0.13	≤ 10	Pass
	total	5230	-3.82	≤ 7	6.19	≤ 10	Pass
	Ant1	5755	-9.73	≤ 29	-2.73	--	Pass
	Ant2	5755	-10.69	≤ 29	-3.69	--	Pass
	total	5755	-7.17	≤ 26	2.84	--	Pass
	Ant1	5795	-10.74	≤ 29	-3.74	--	Pass
	Ant2	5795	-11.81	≤ 29	-4.81	--	Pass
	total	5795	-8.23	≤ 26	1.78	--	Pass
11AX80MIMO	Ant1	5210	-9.48	≤ 10	-2.48	≤ 10	Pass
	Ant2	5210	-8.42	≤ 10	-1.42	≤ 10	Pass
	total	5210	-5.91	≤ 7	4.10	≤ 10	Pass
	Ant1	5775	-9.84	≤ 29	-2.84	--	Pass
	Ant2	5775	-10.26	≤ 29	-3.26	--	Pass
	total	5775	-7.03	≤ 26	2.98	--	Pass

6.5. Original test data

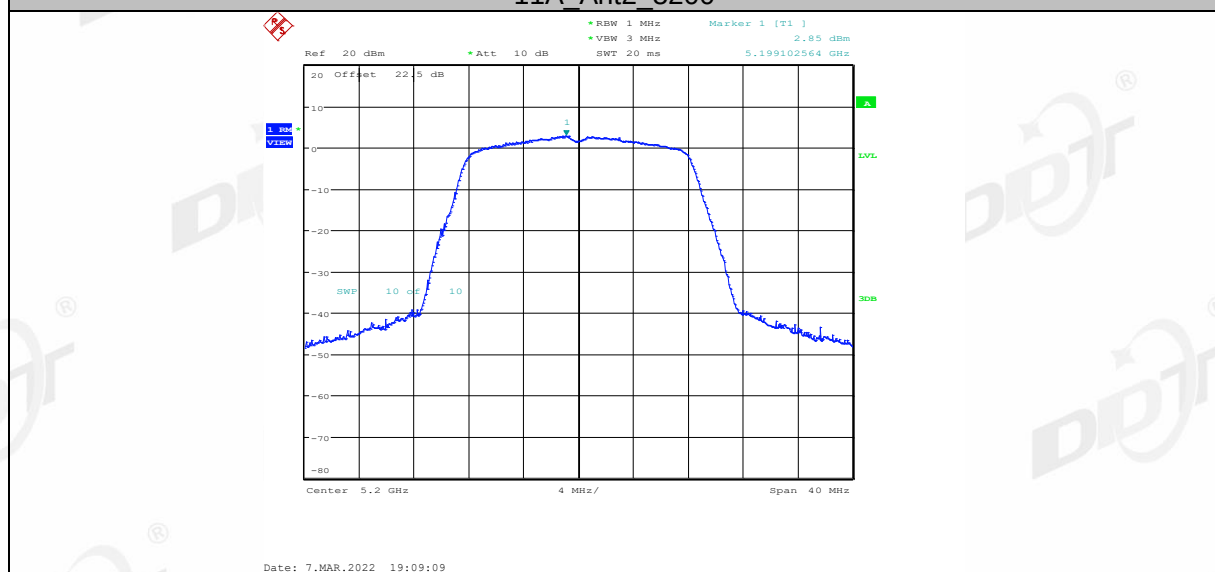




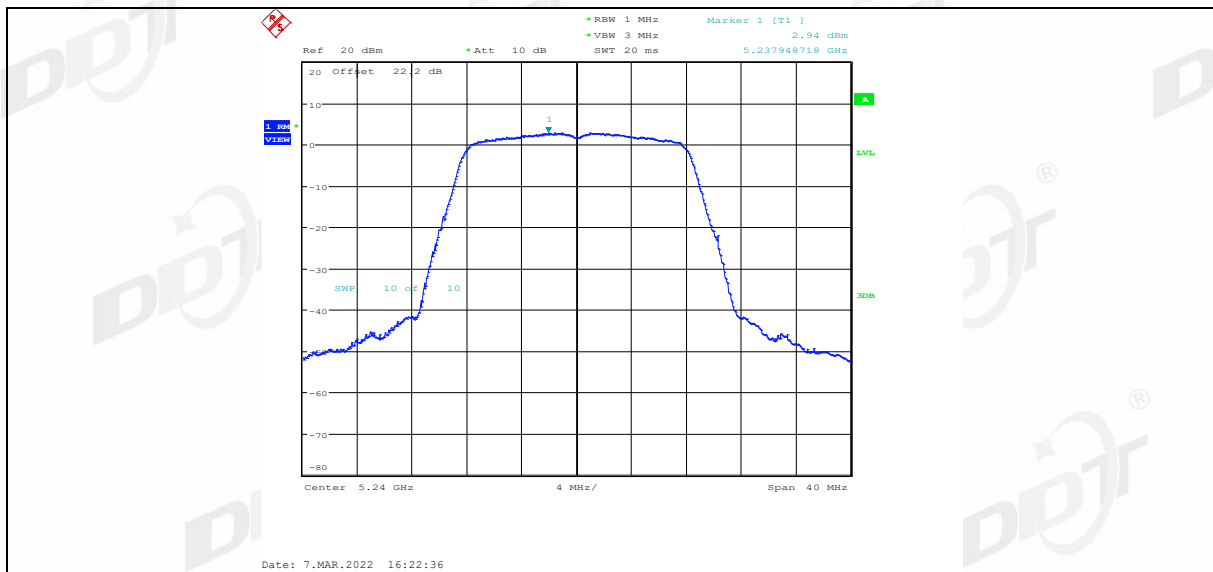
11A Ant1 5200



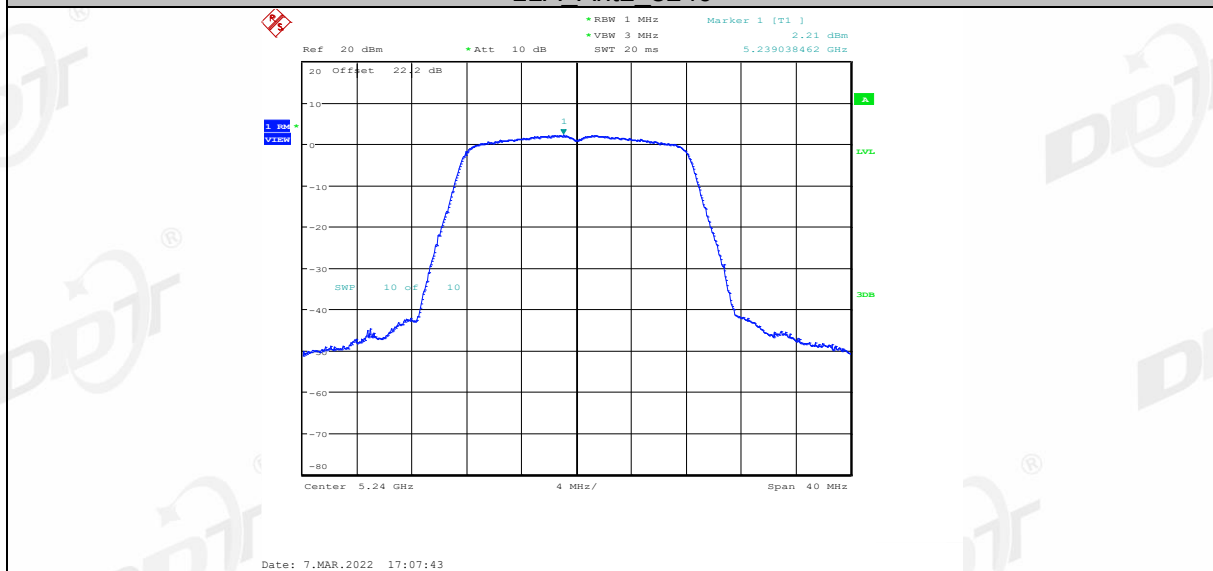
11A Ant2 5200



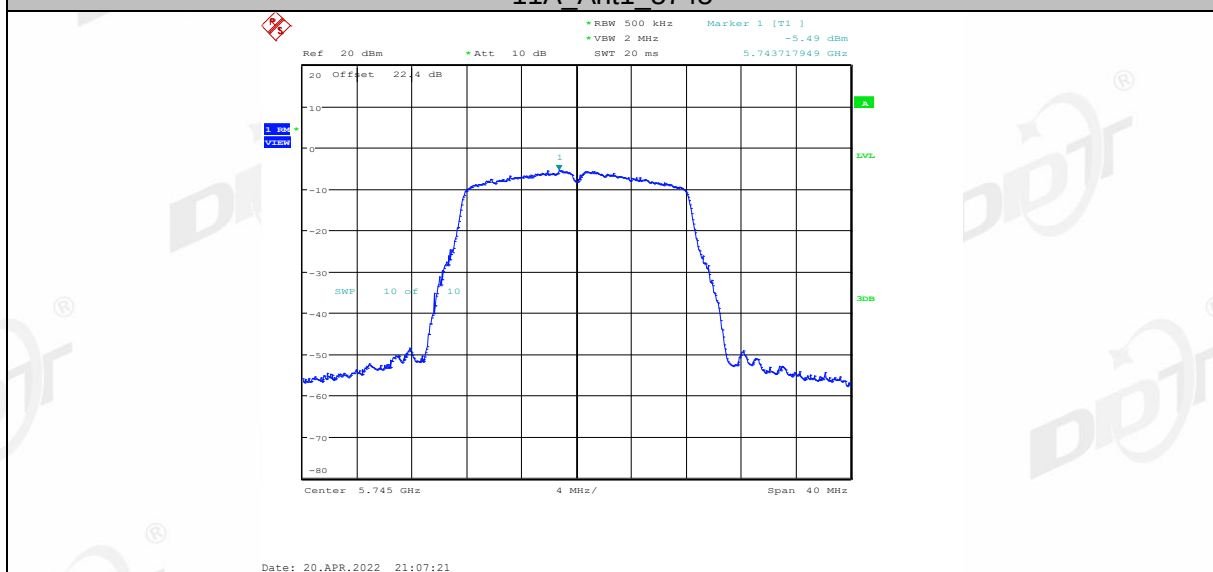
11A Ant1 5240



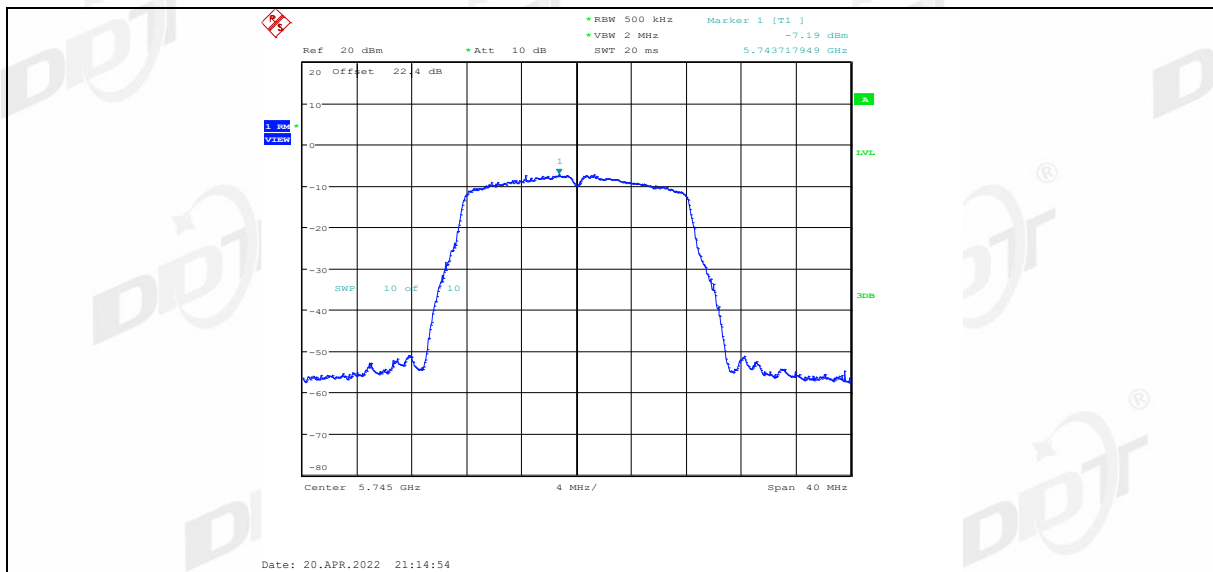
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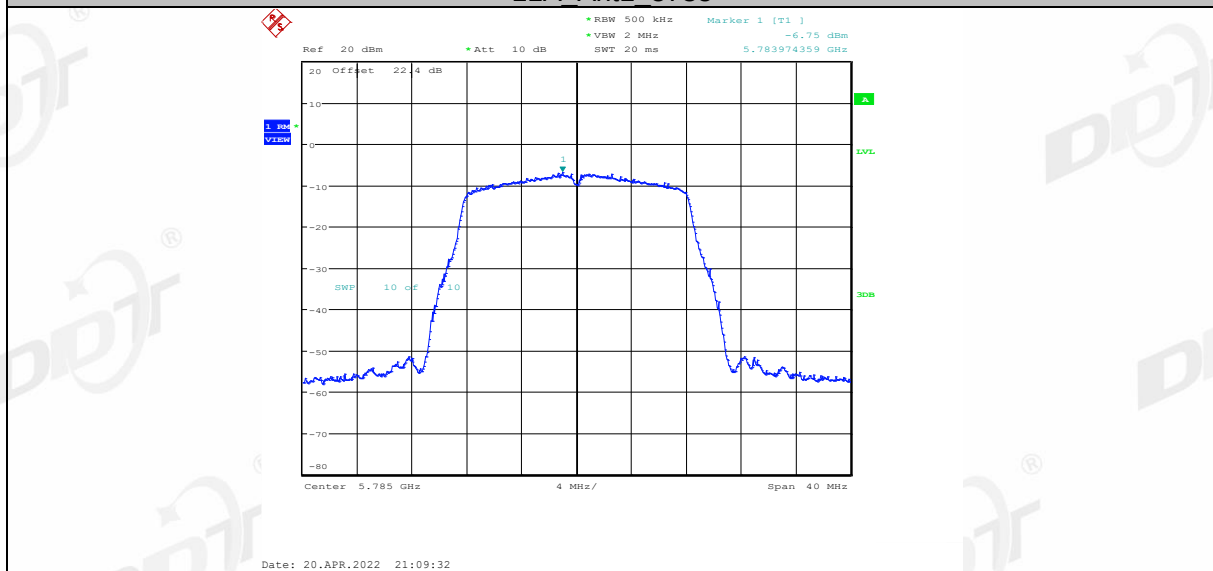
11A Ant1 5745



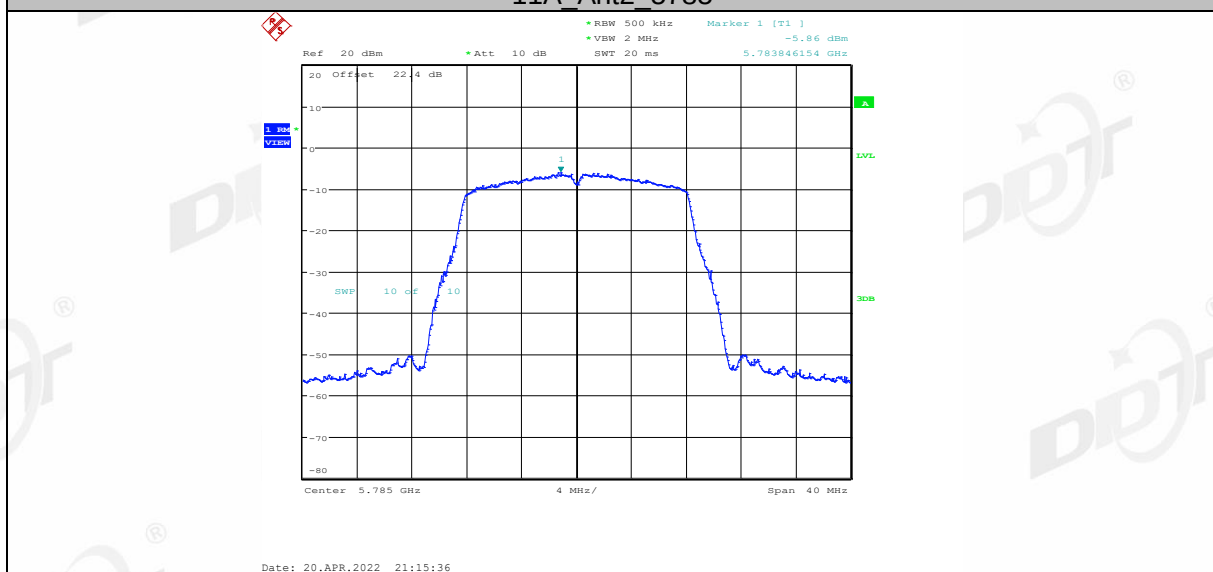
11A Ant2 5745



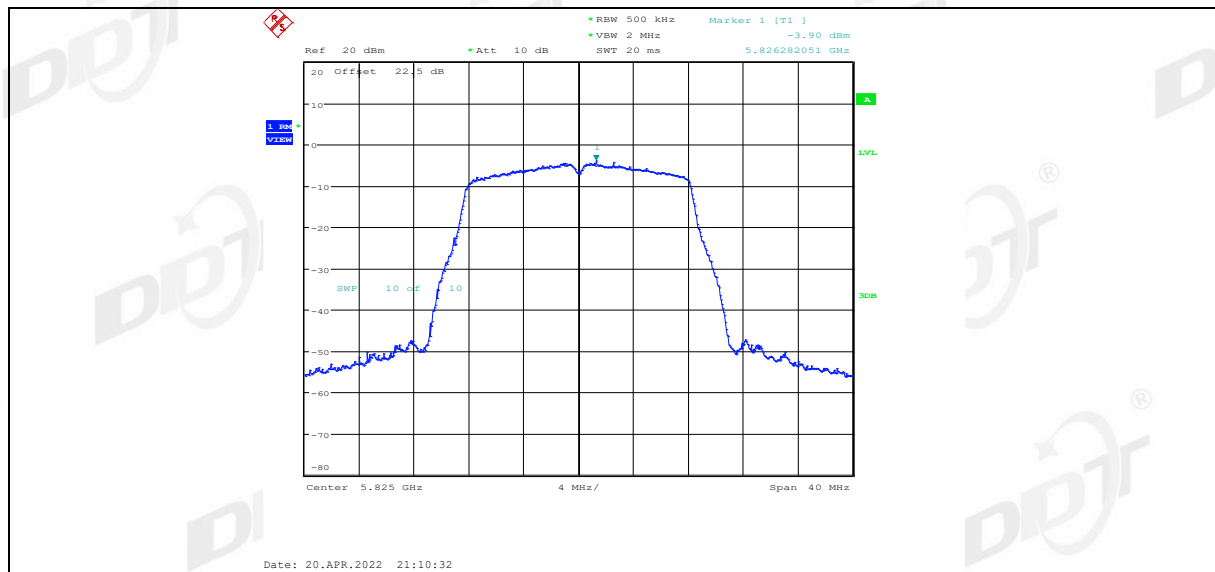
11A_Ant1_5785



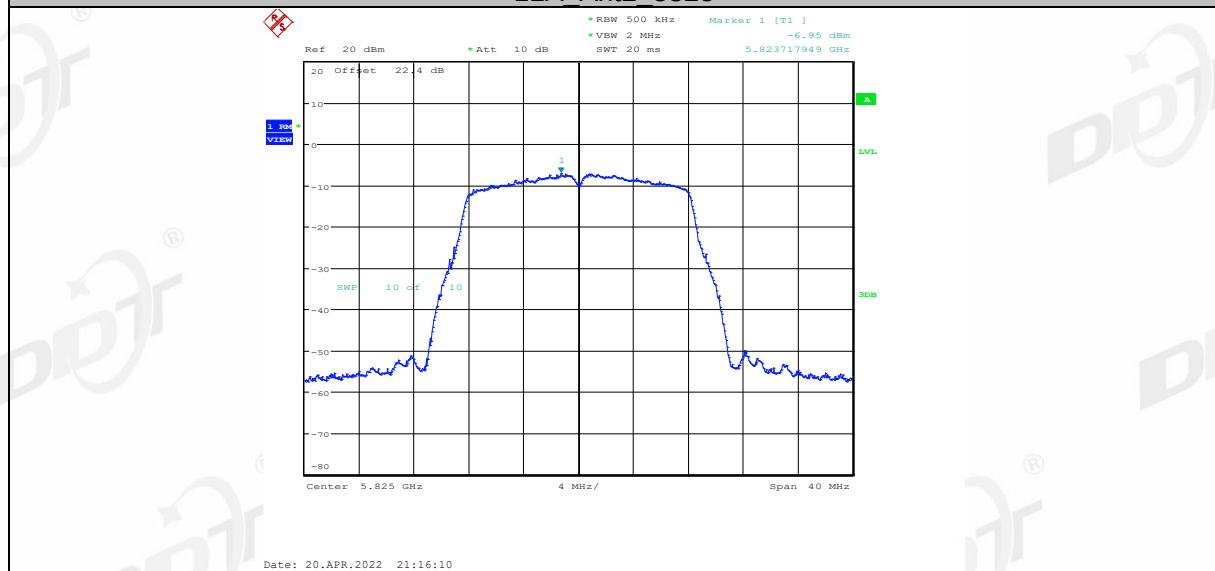
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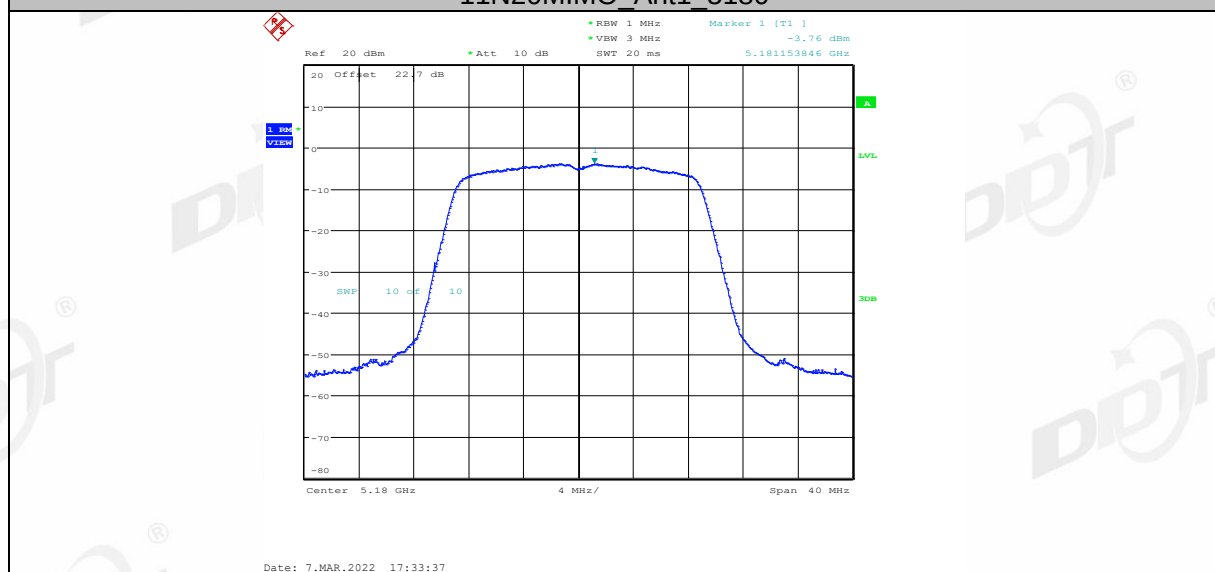
11A_Ant1_5825



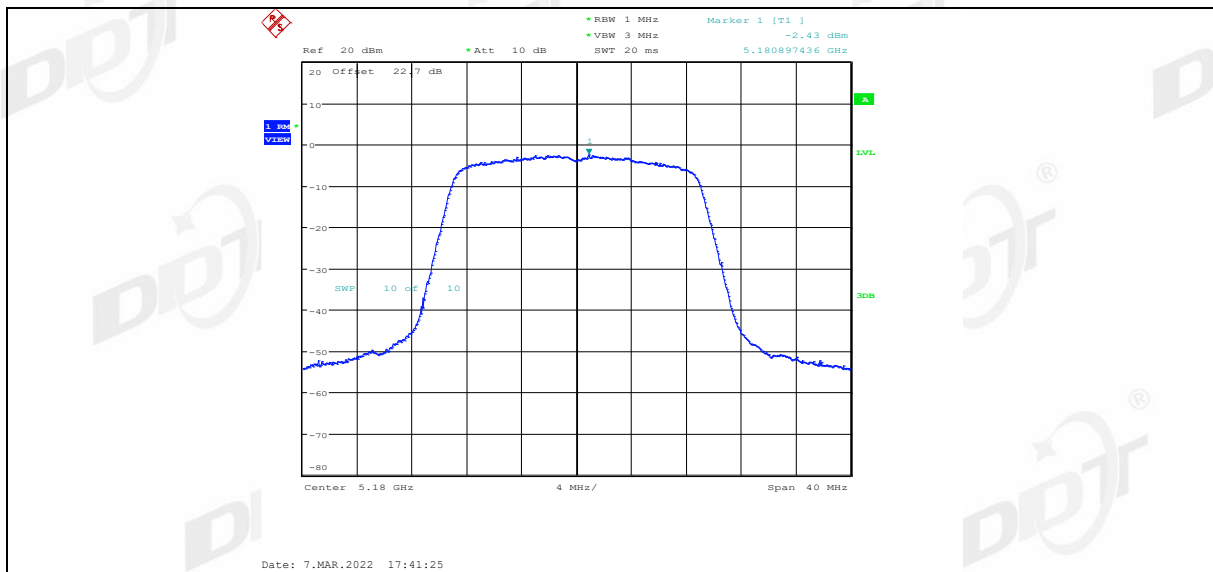
11A_Ant2_5825



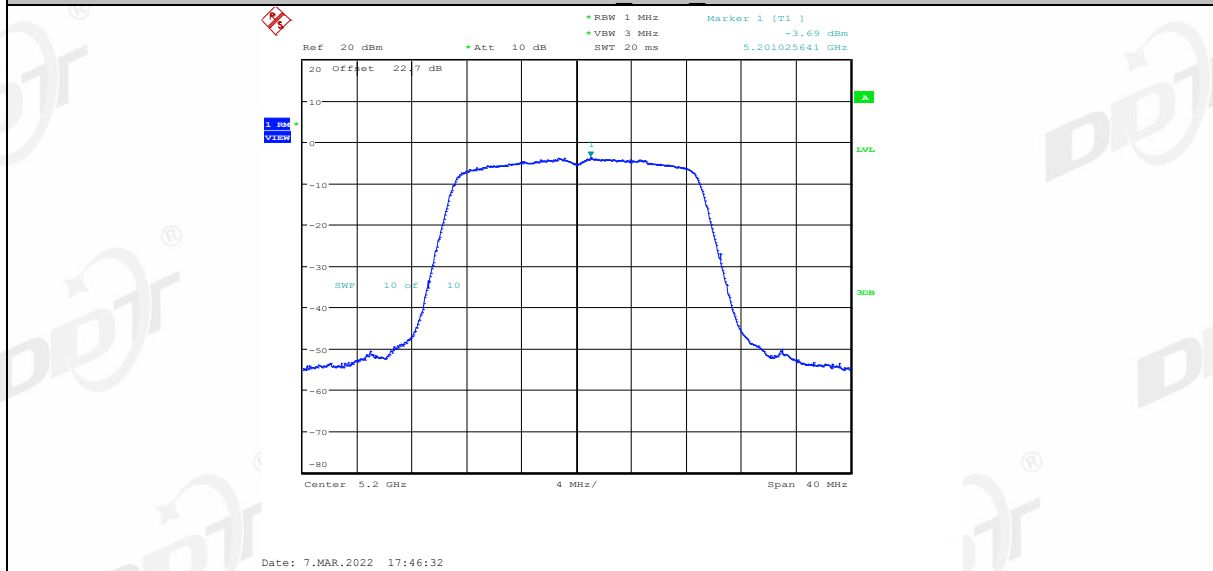
11N20MIMO_Ant1_5180



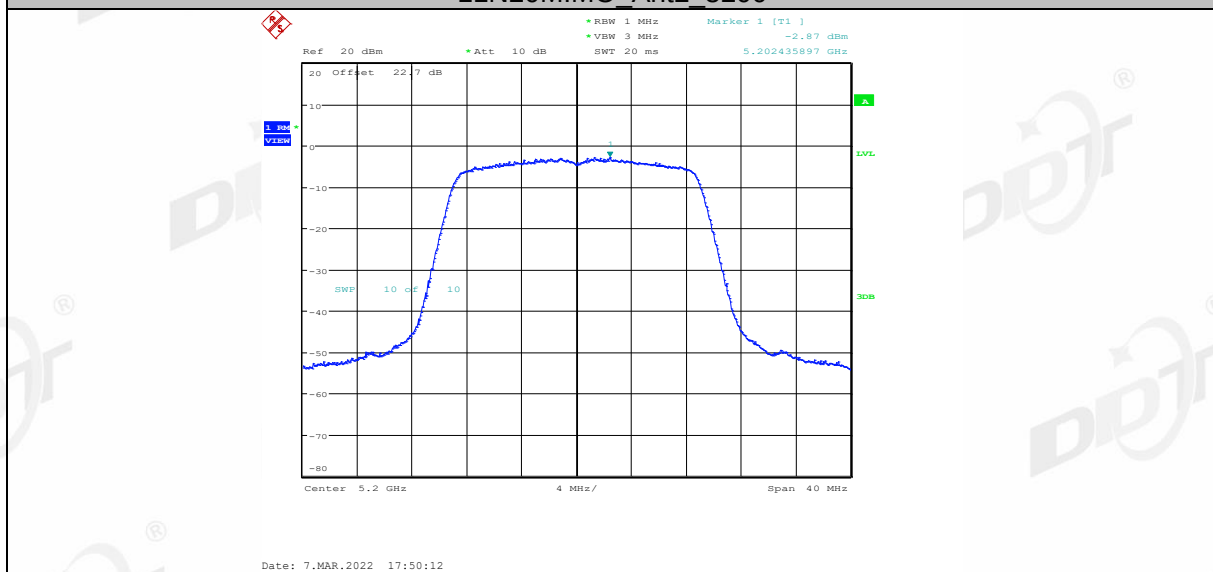
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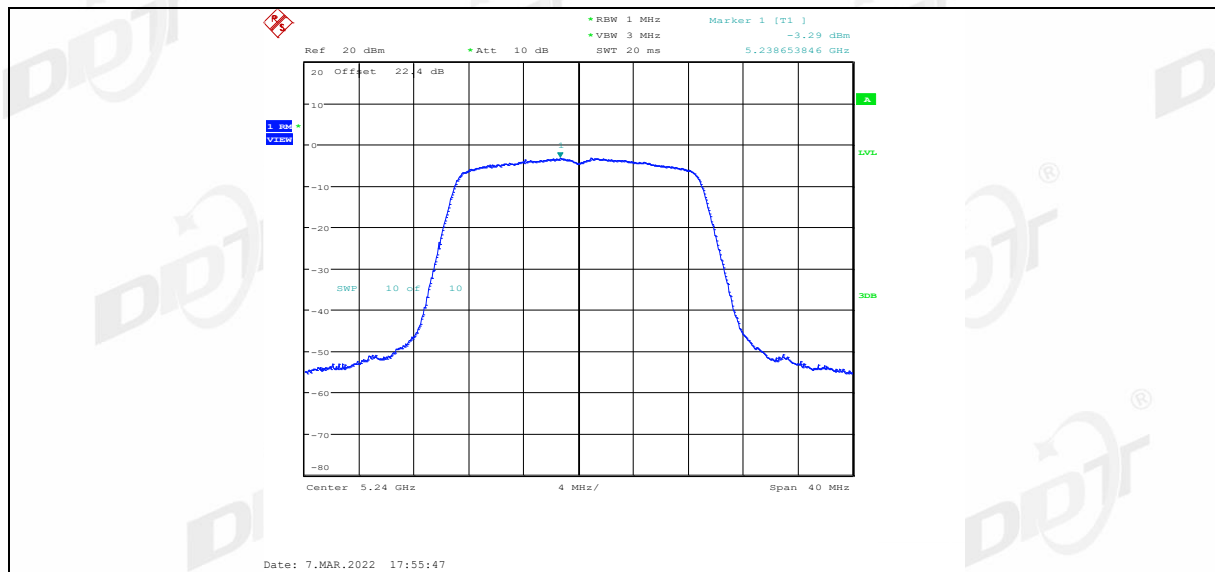
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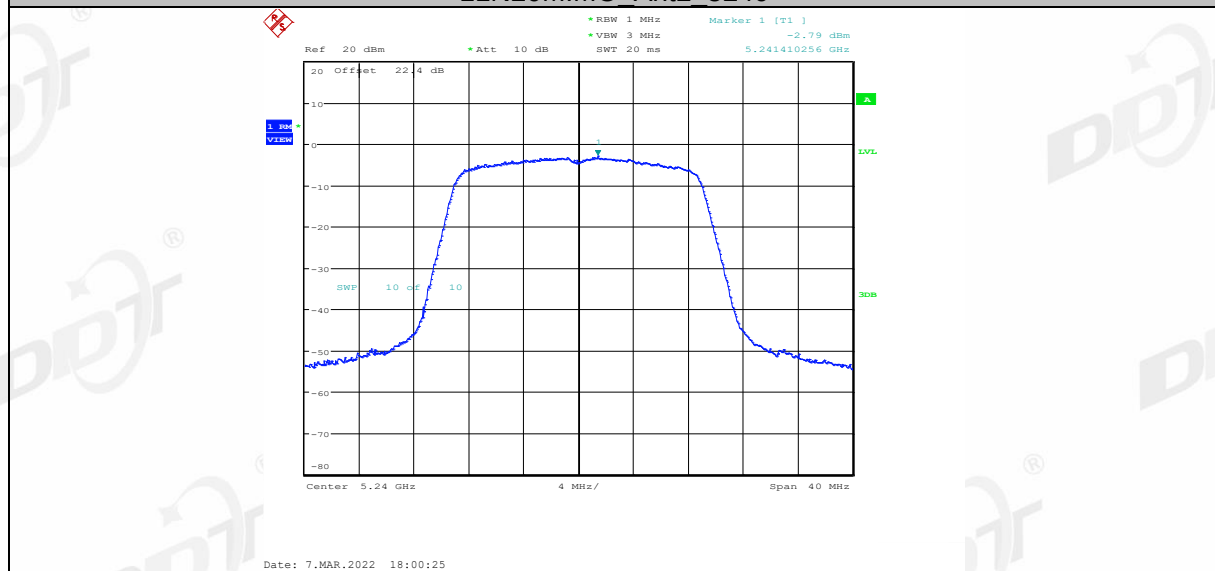
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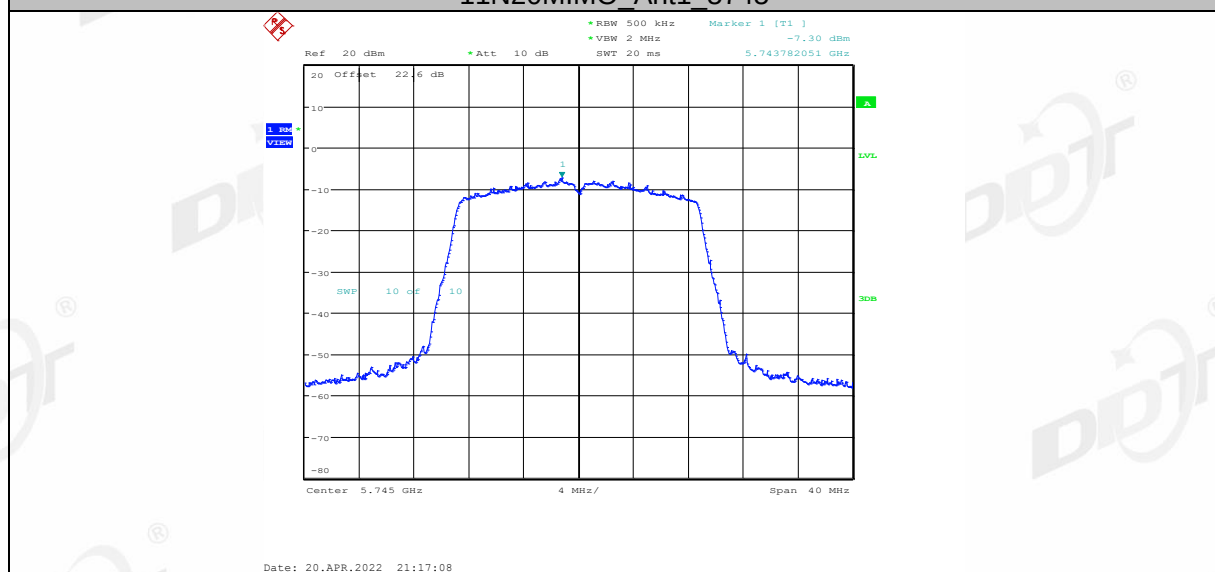
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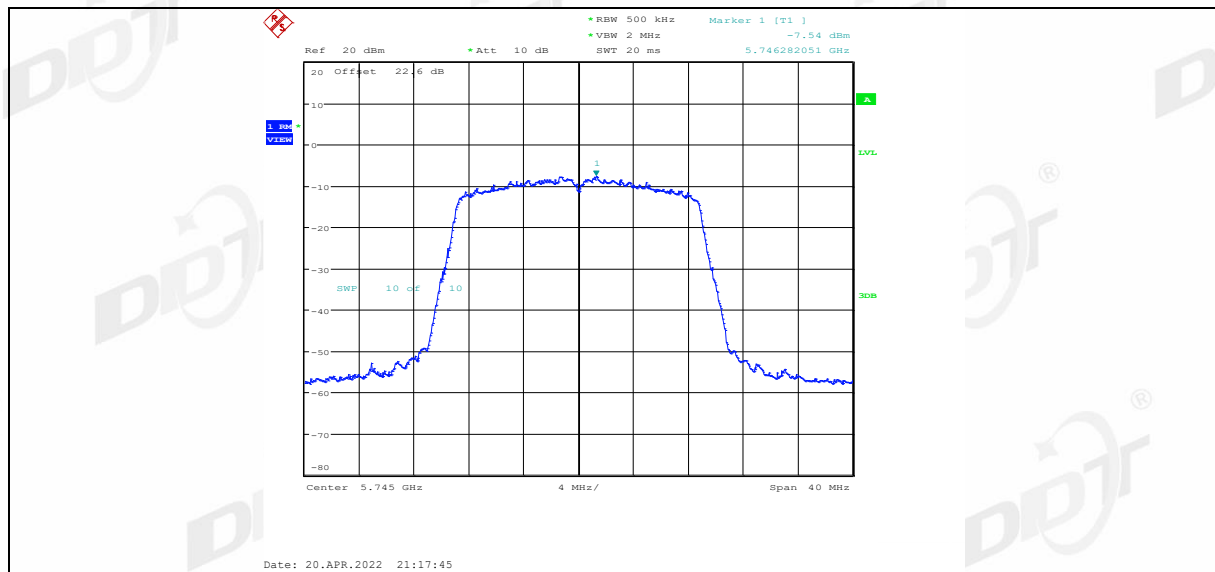
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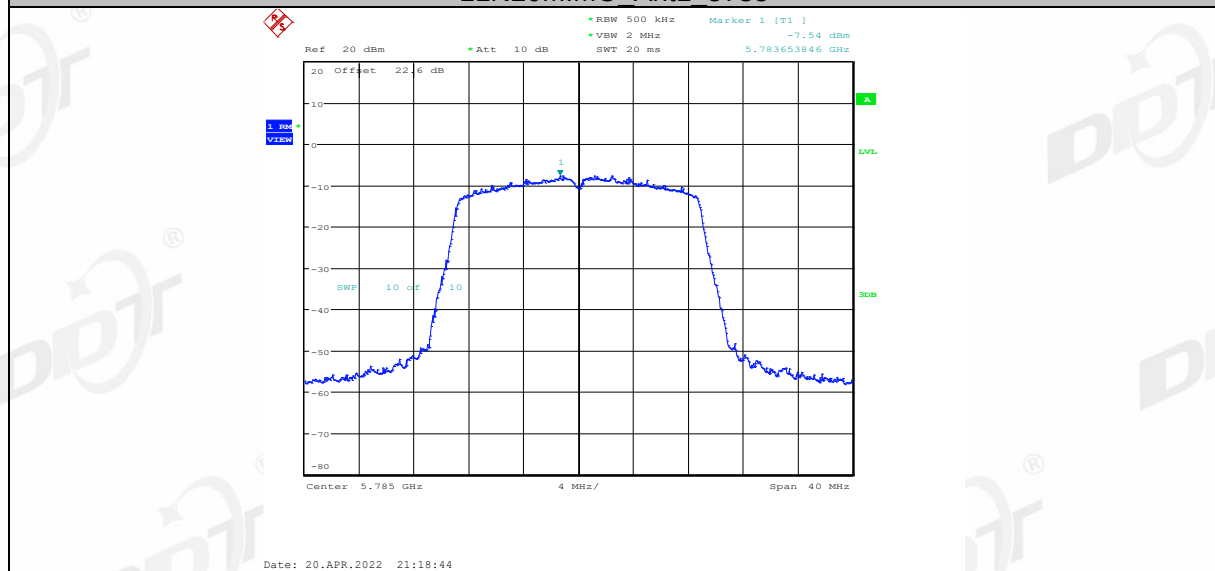
11N20MIMO Ant1 5745



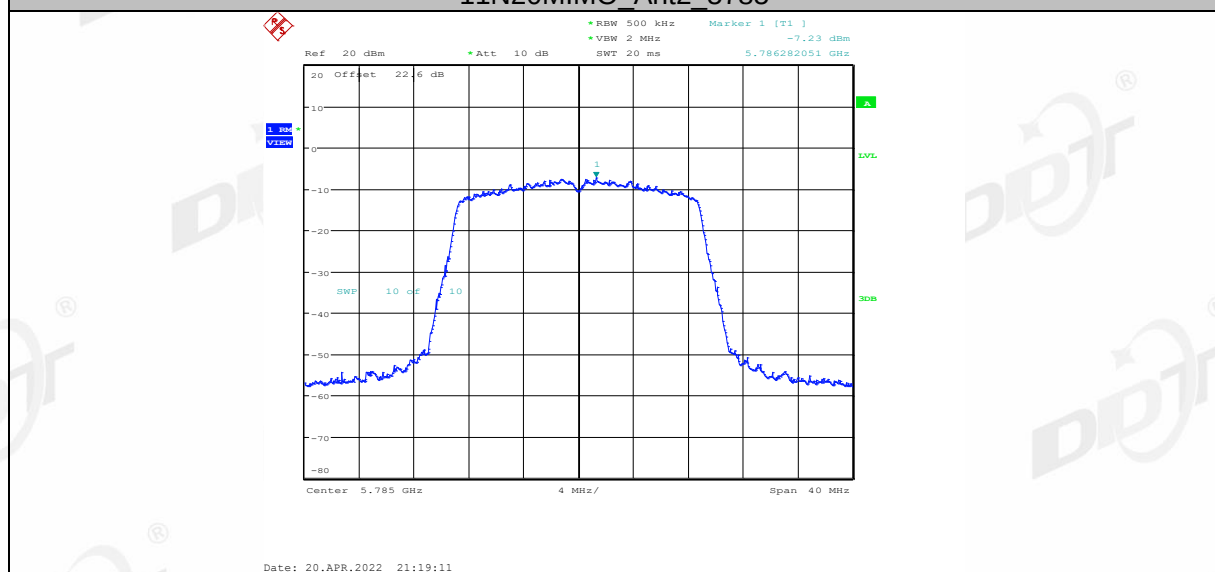
11N20MIMO Ant2 5745



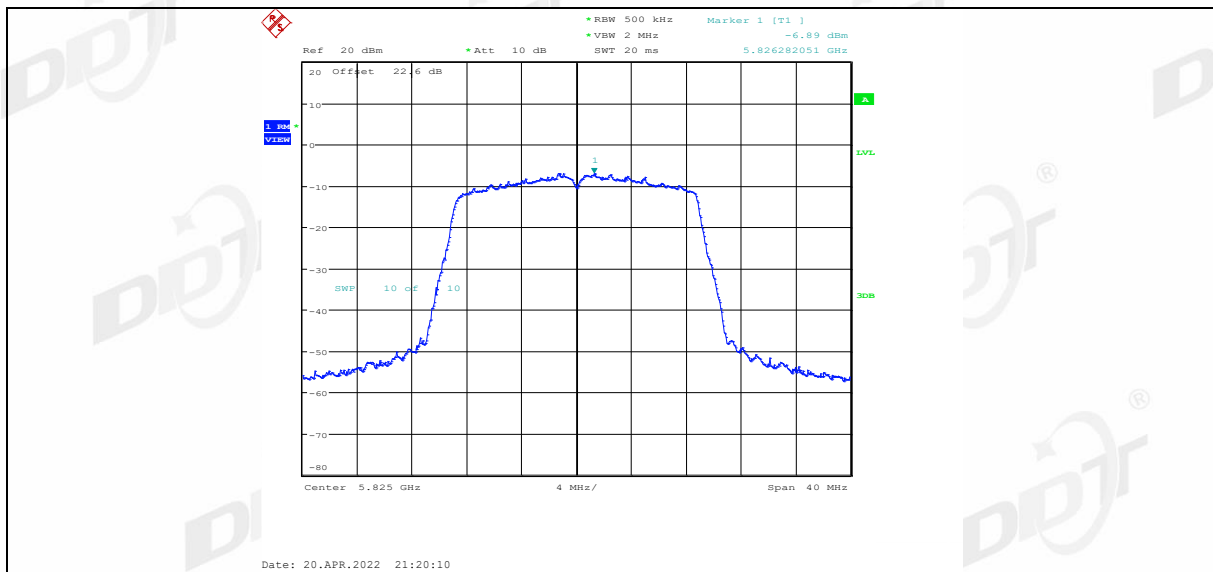
11N20MIMO Ant1 5785



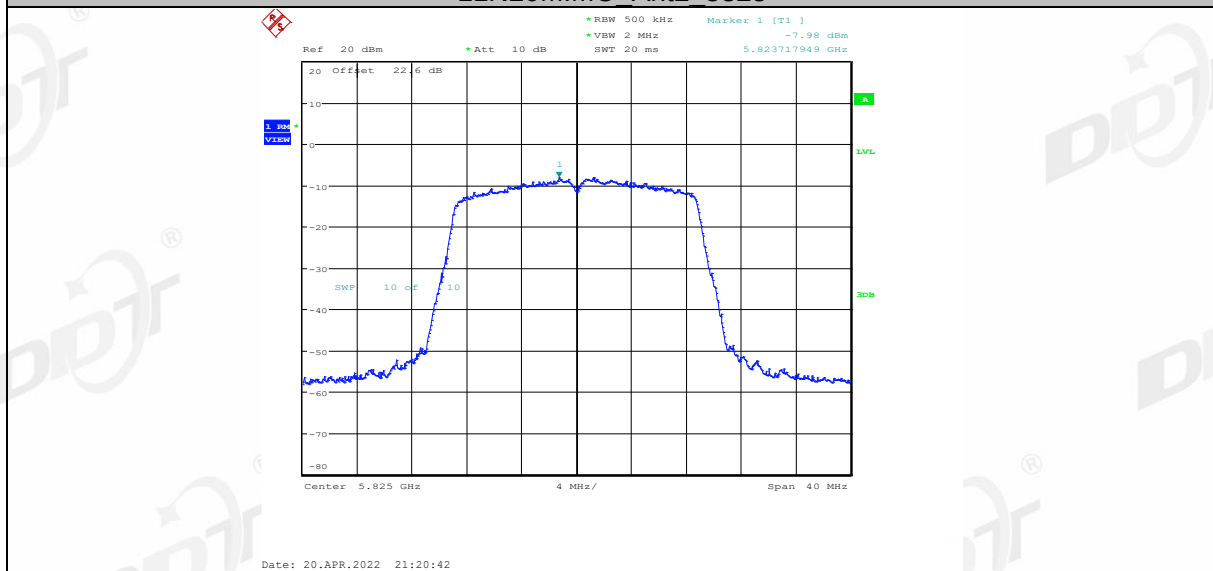
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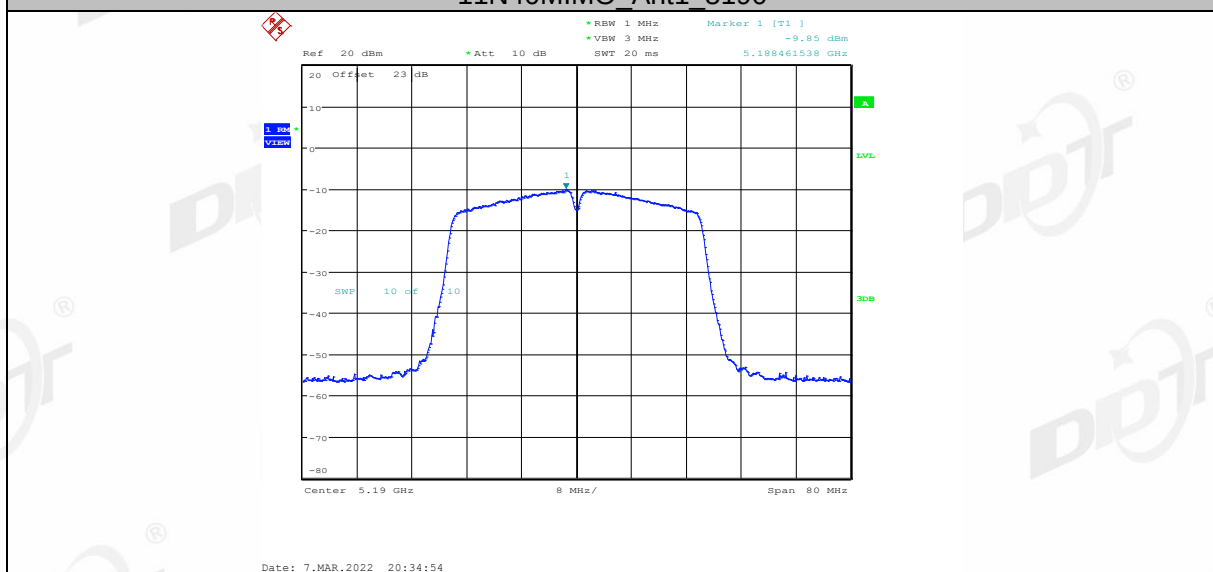
11N20MIMO Ant1 5825



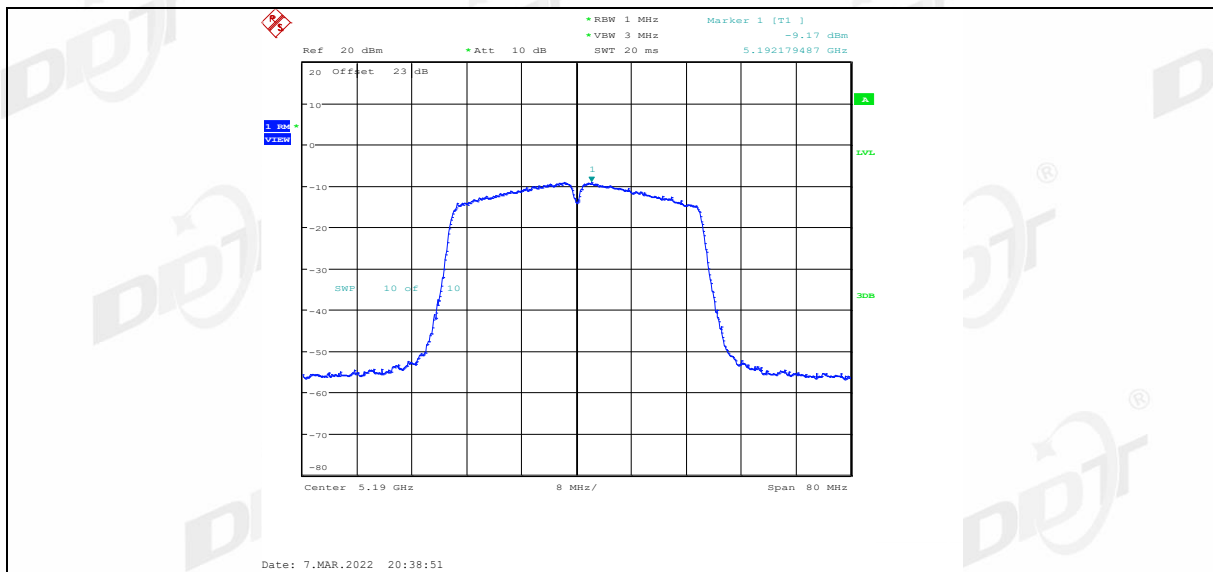
11N20MIMO Ant2 5825



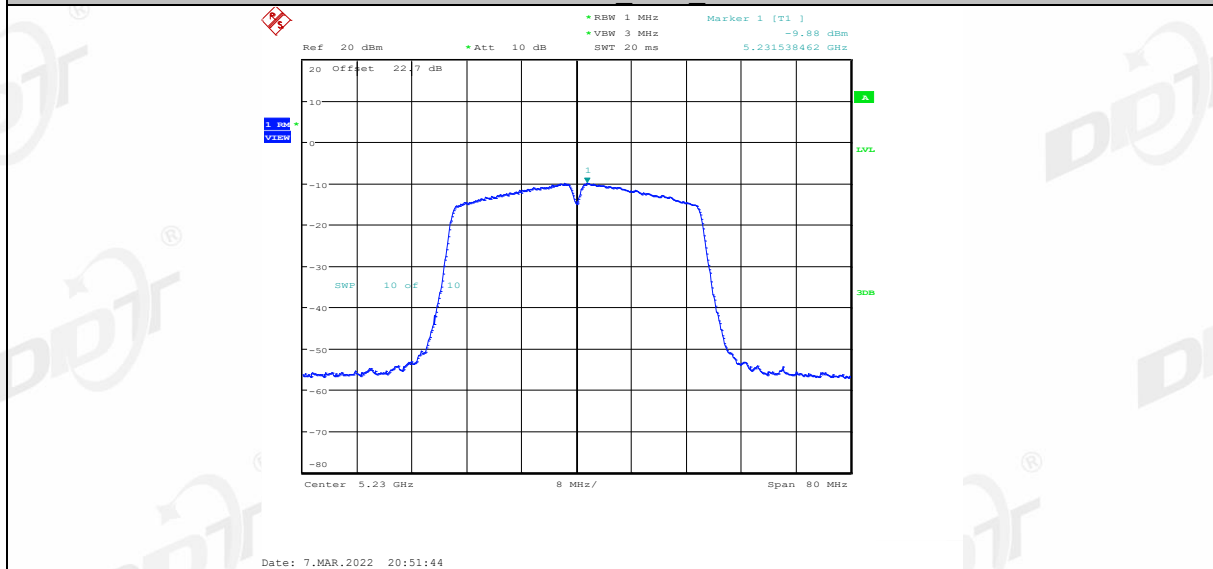
11N40MIMO Ant1 5190



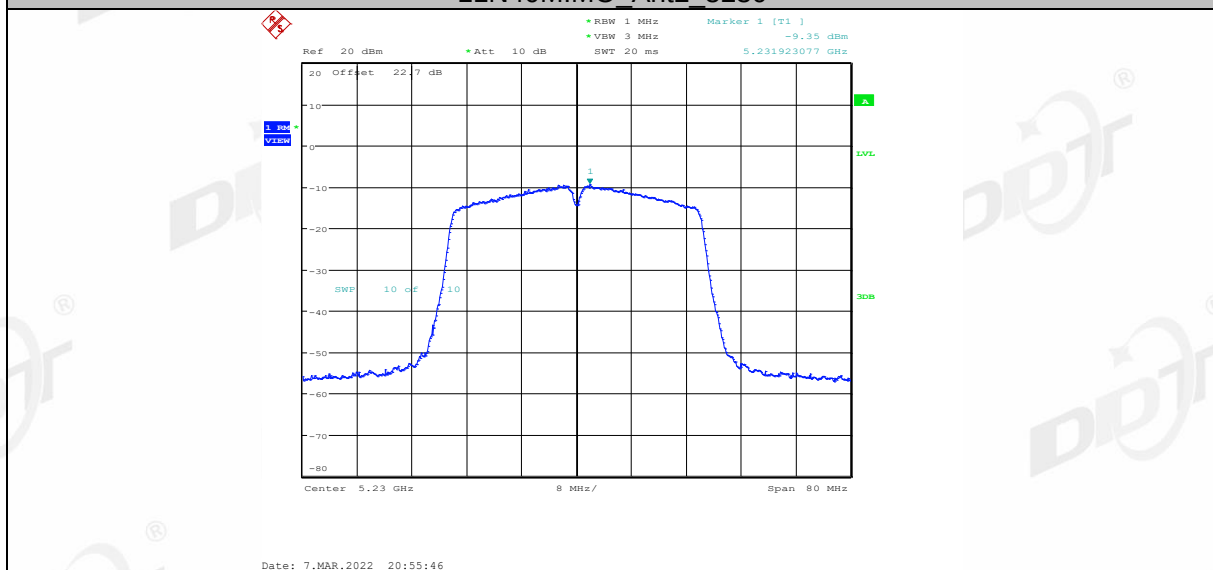
11N40MIMO Ant2 5190



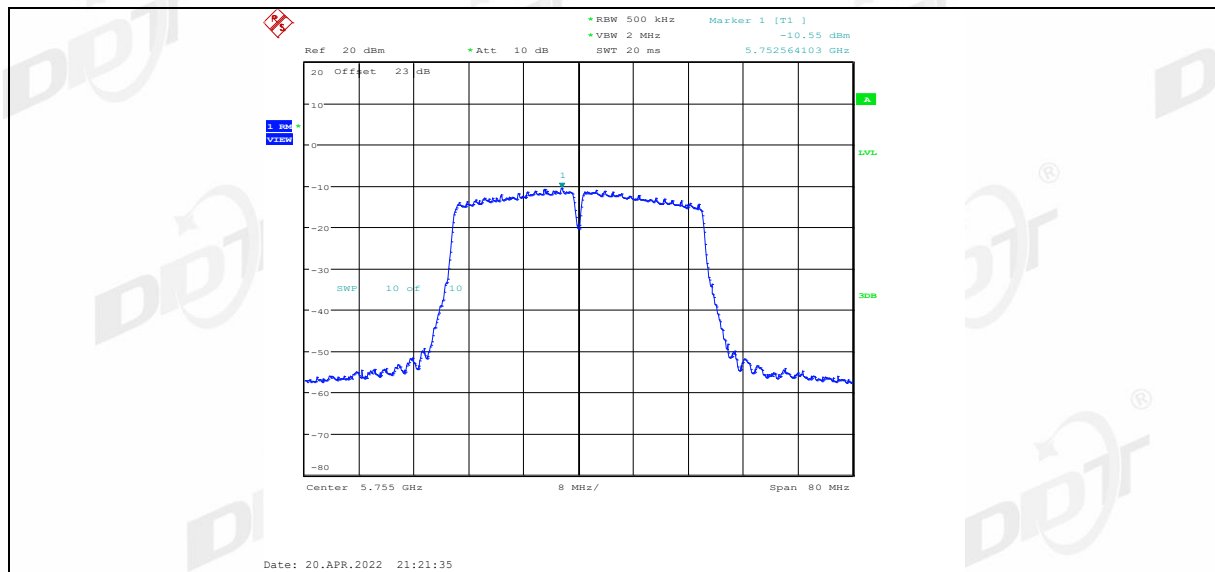
11N40MIMO Ant1 5230



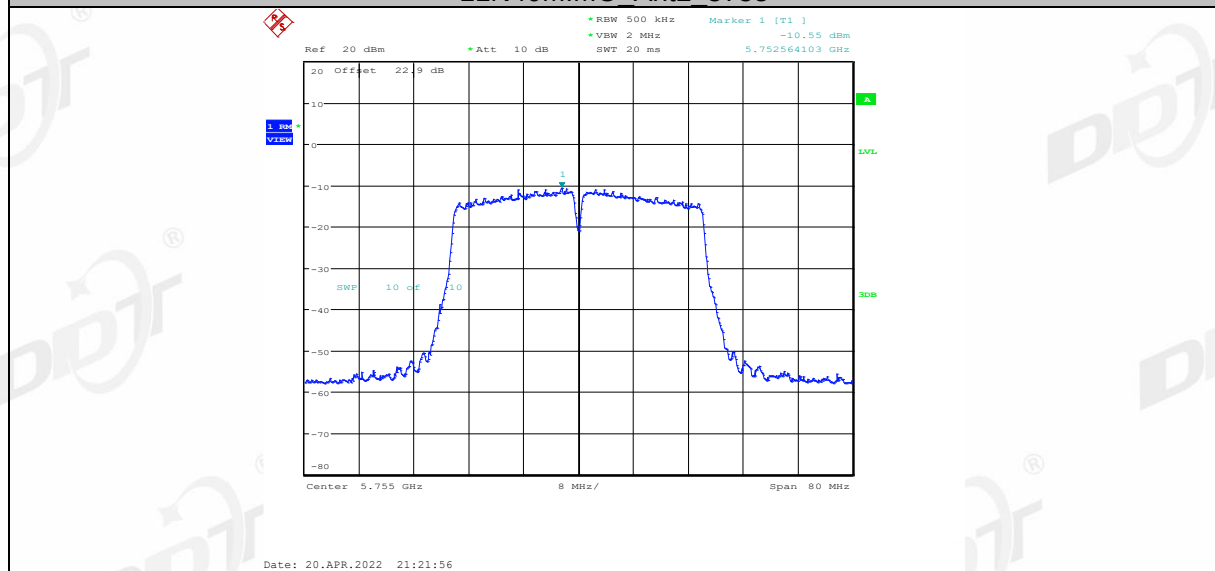
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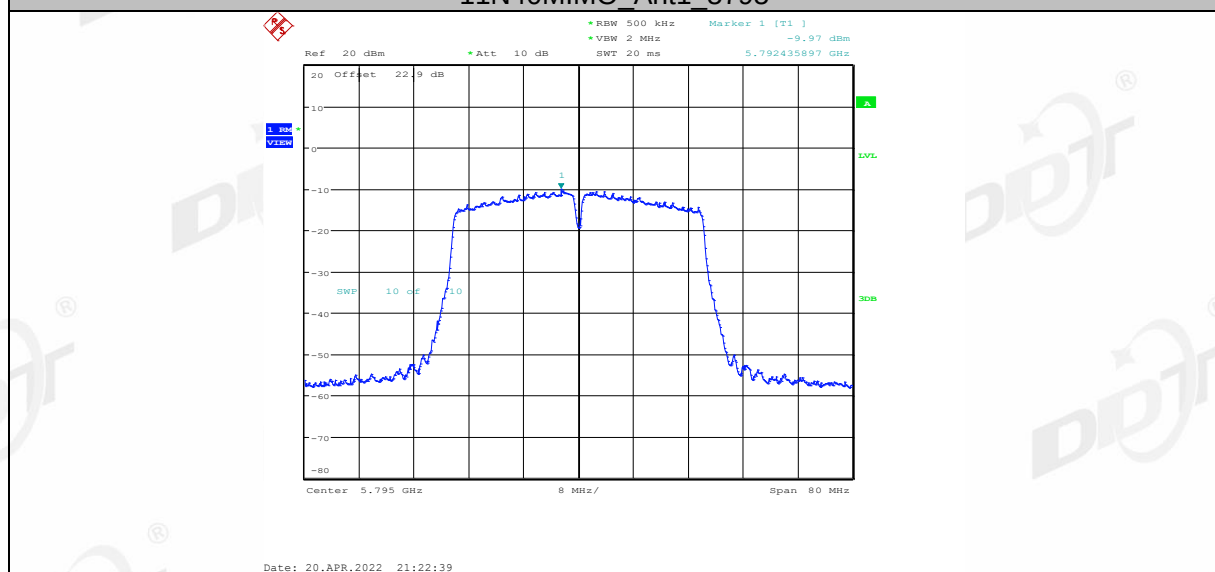
11N40MIMO Ant1 5755



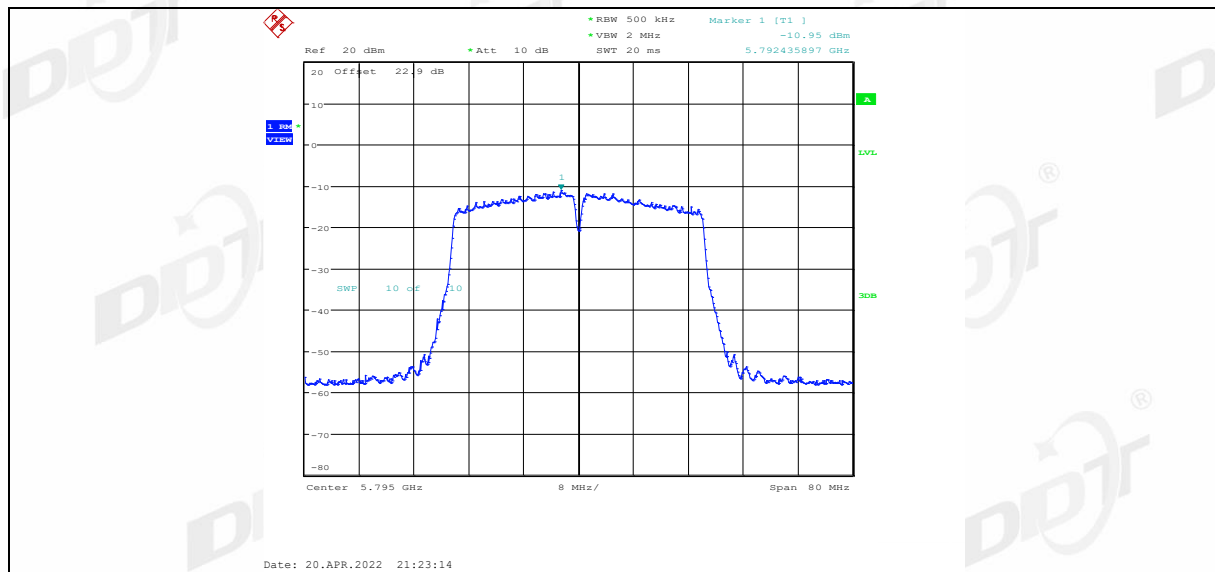
11N40MIMO Ant2 5755



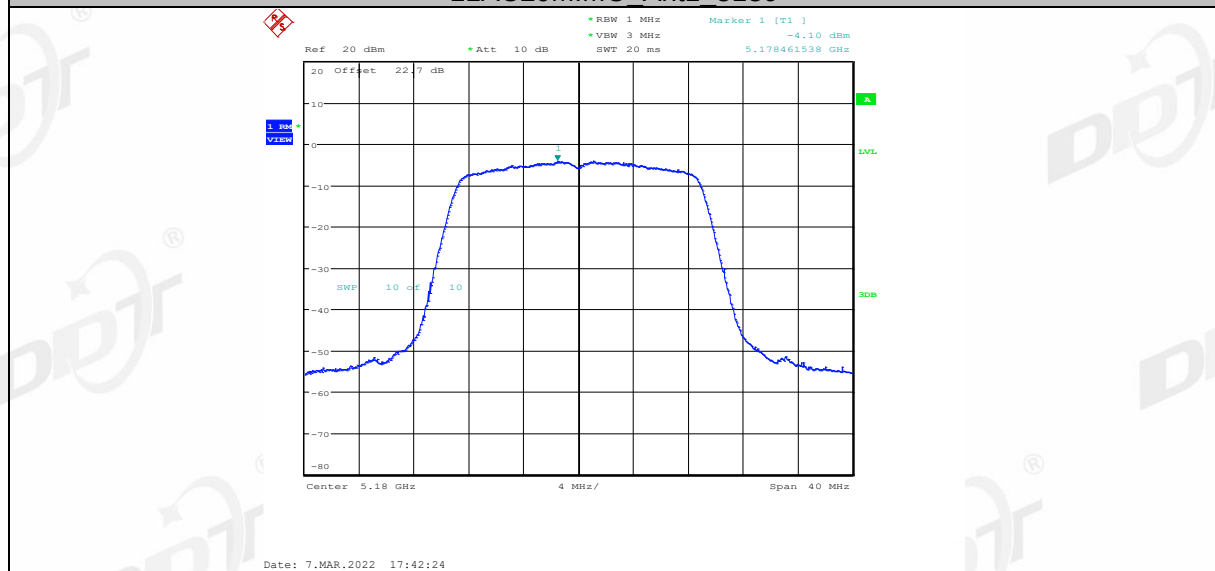
11N40MIMO Ant1 5795



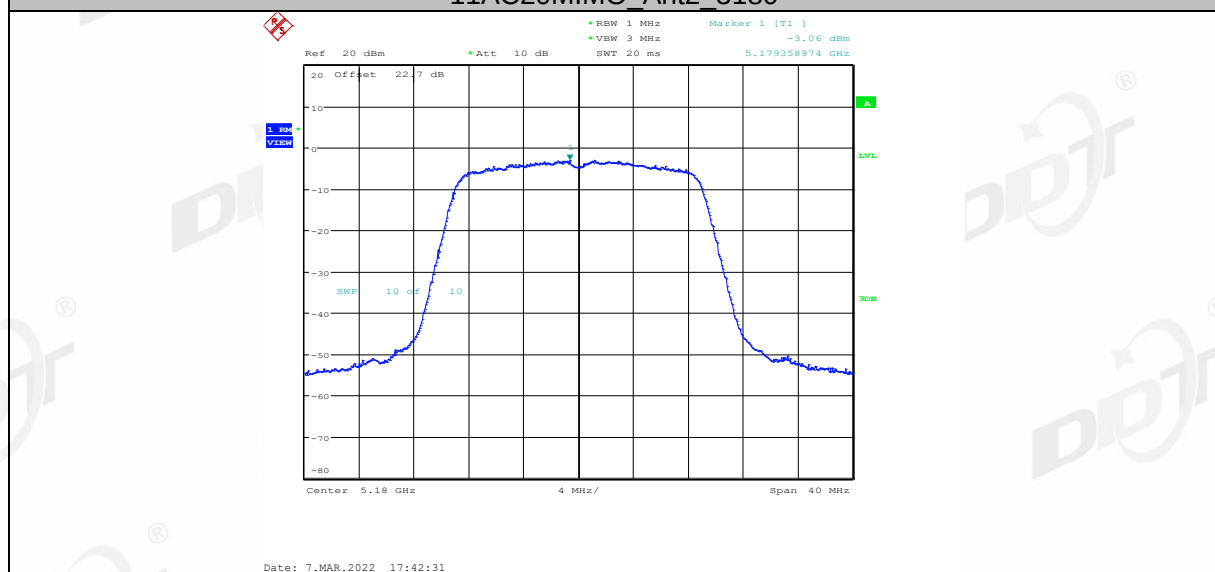
11N40MIMO Ant2 5795



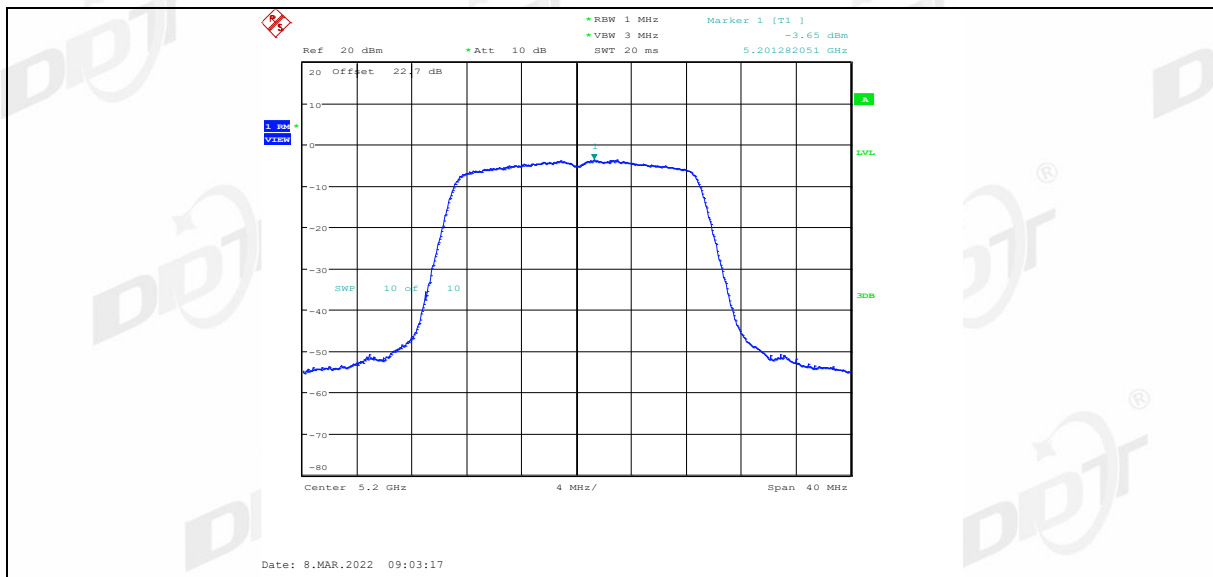
11AC20MIMO_Ant1_5180



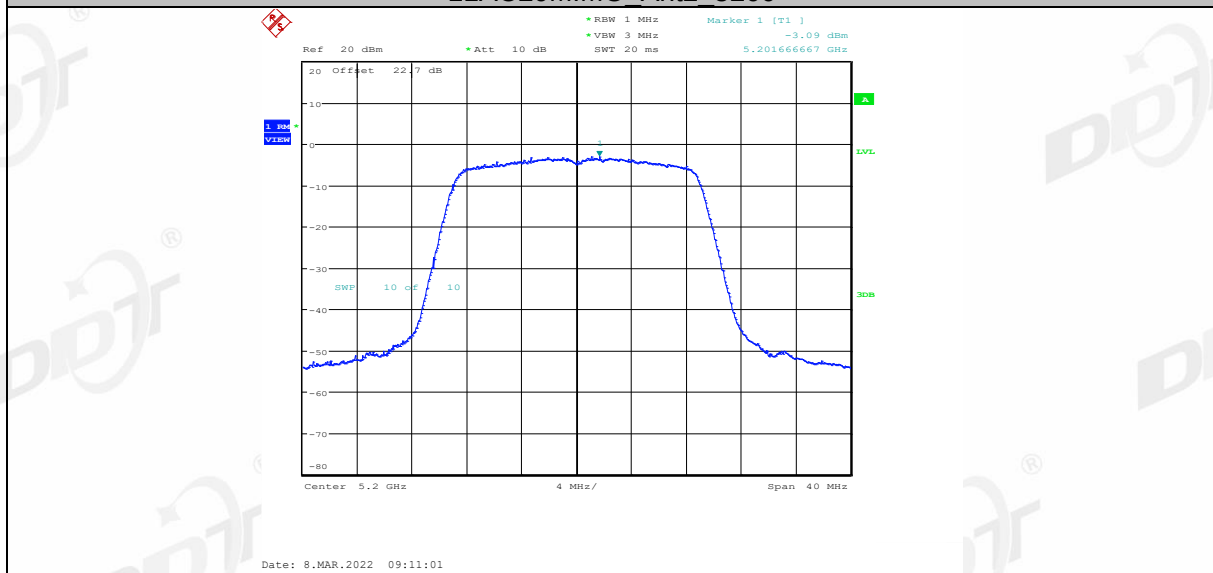
11AC20MIMO_Ant2_5180



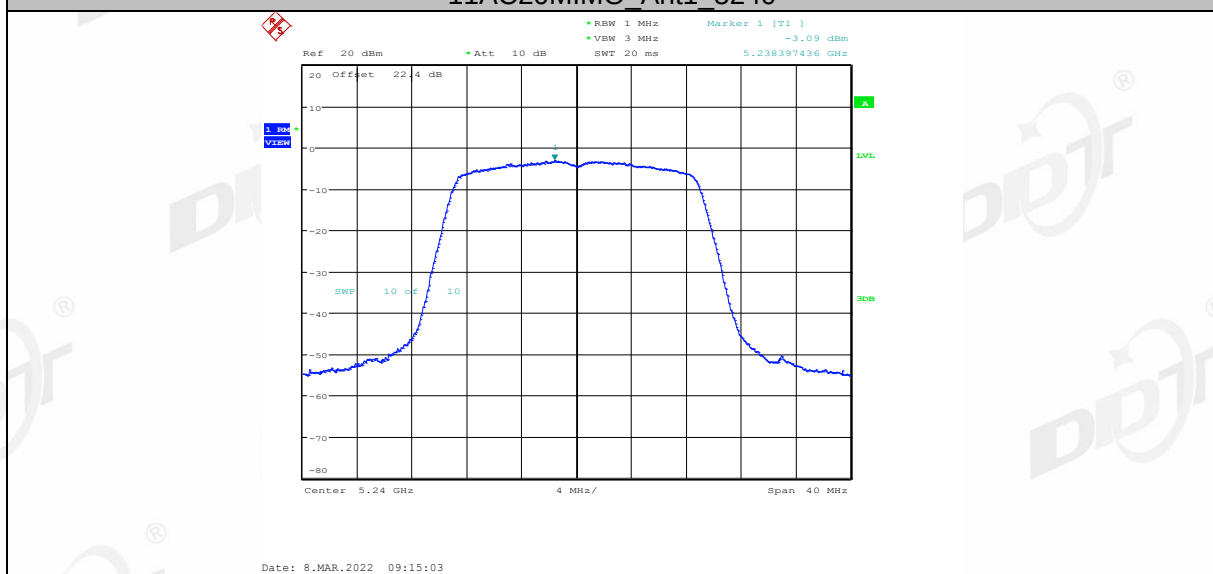
11AC20MIMO_Ant1_5200



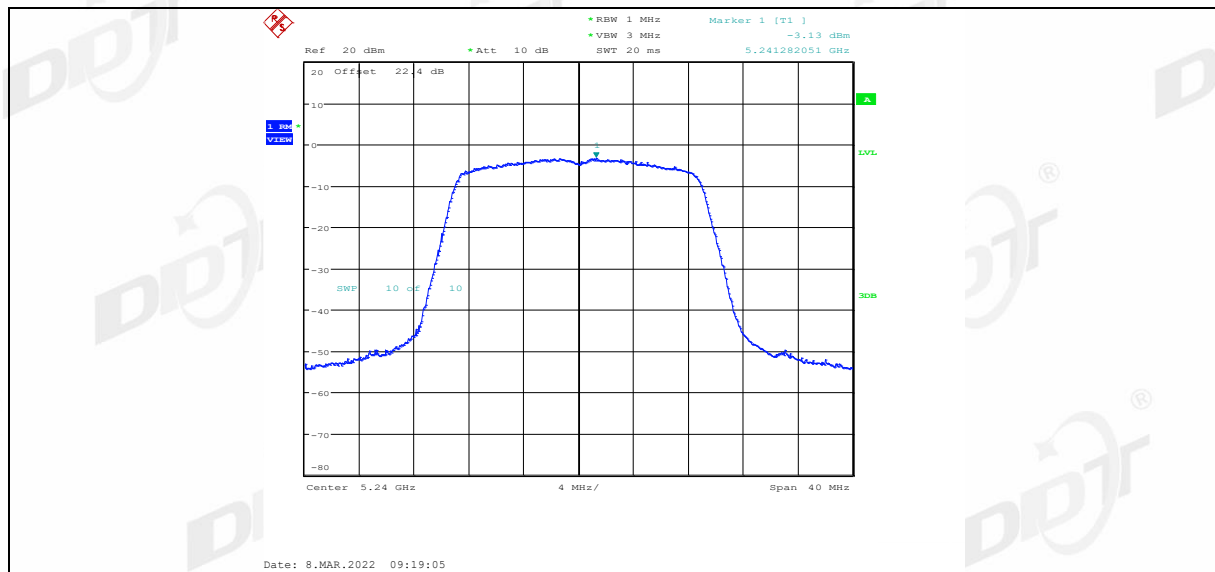
11AC20MIMO_Ant2_5200



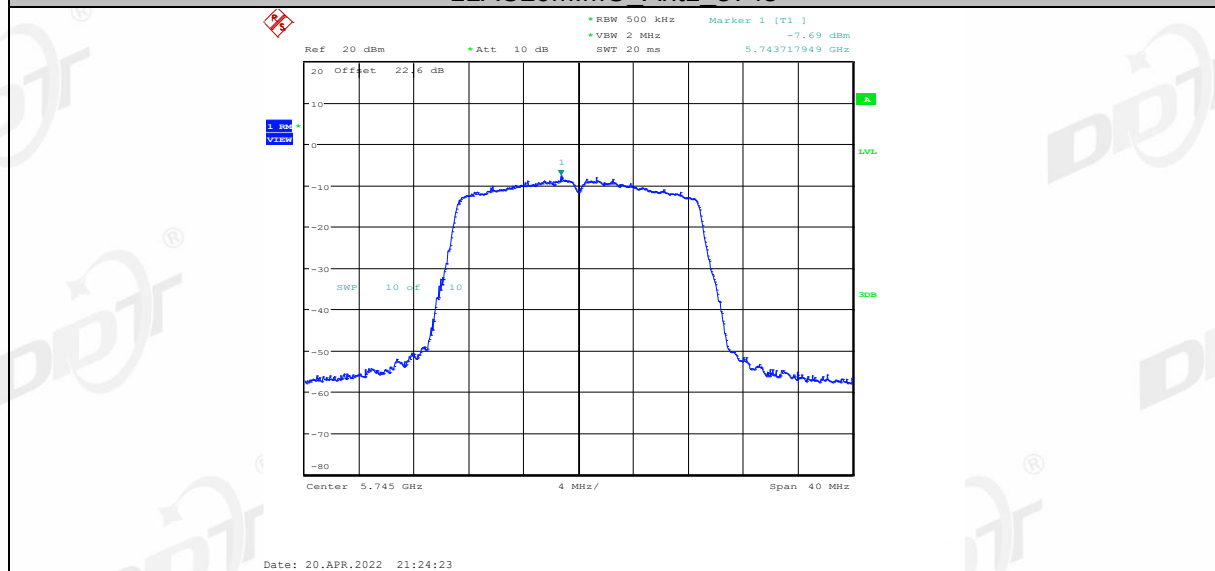
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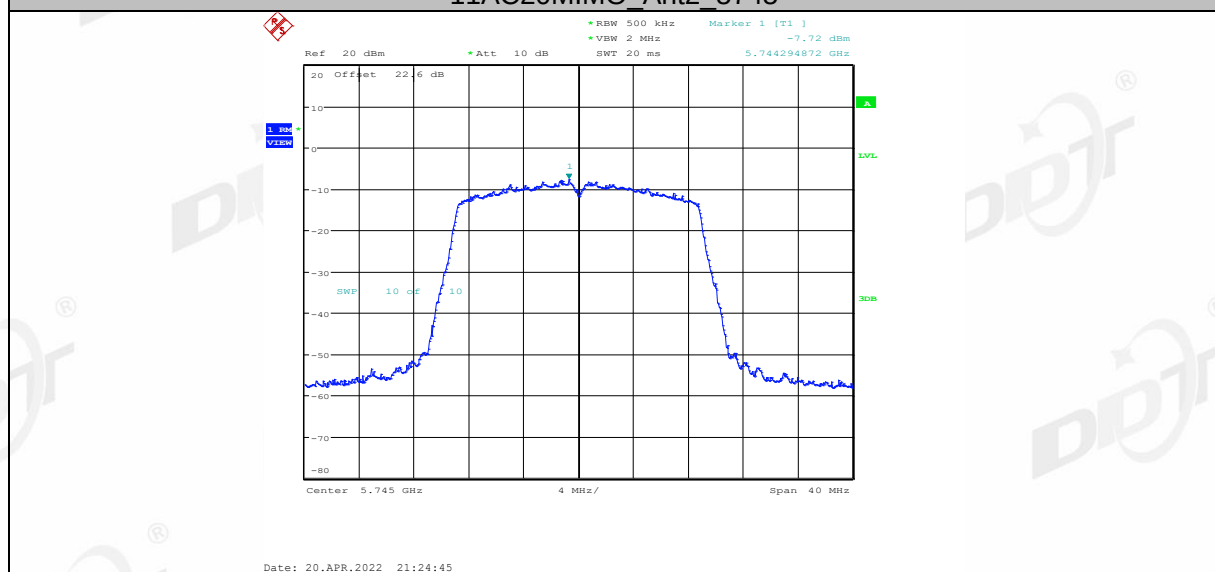
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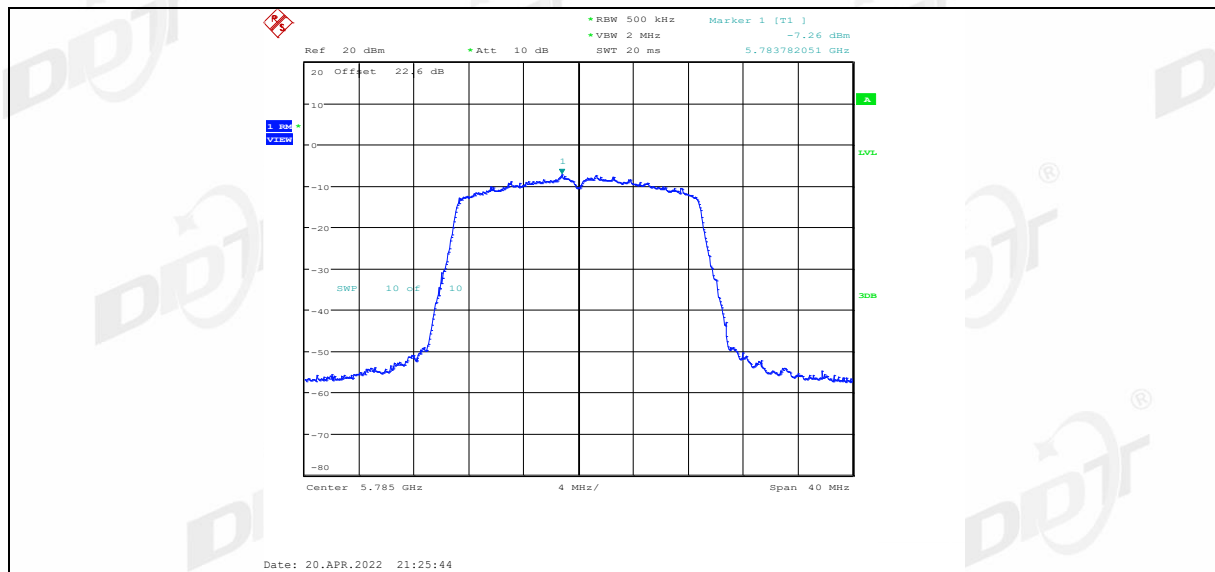
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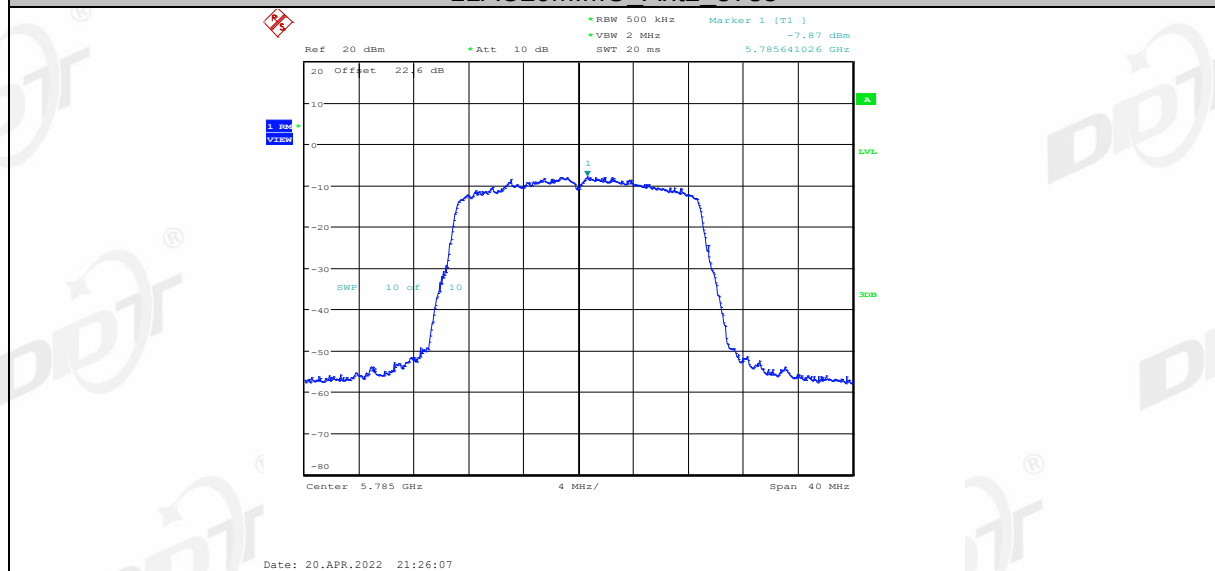
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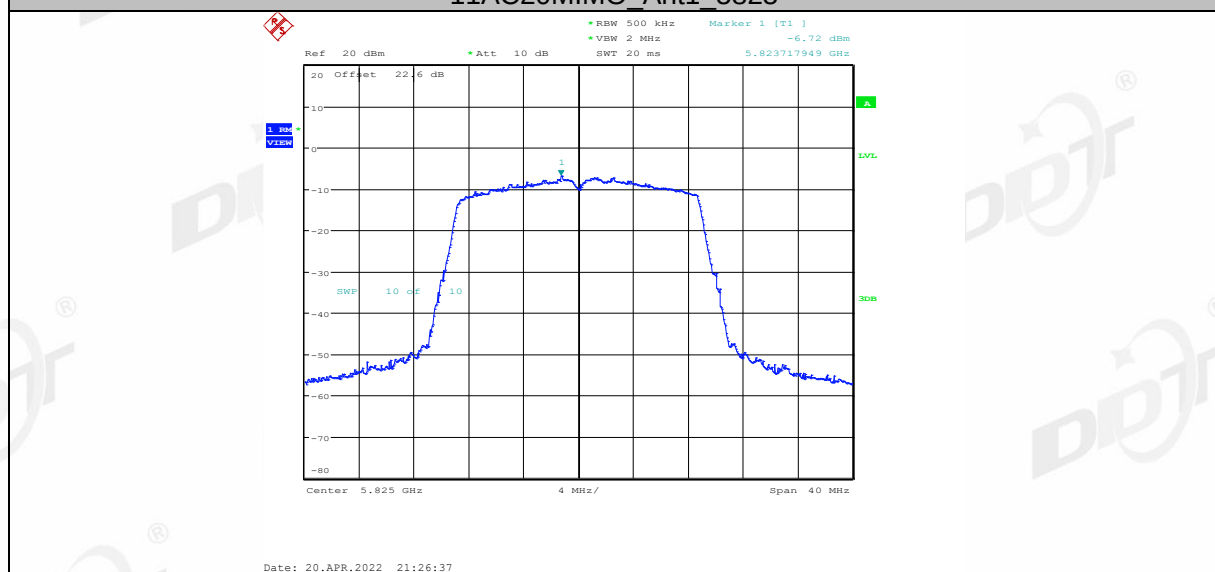
11AC20MIMO_Ant1_5785



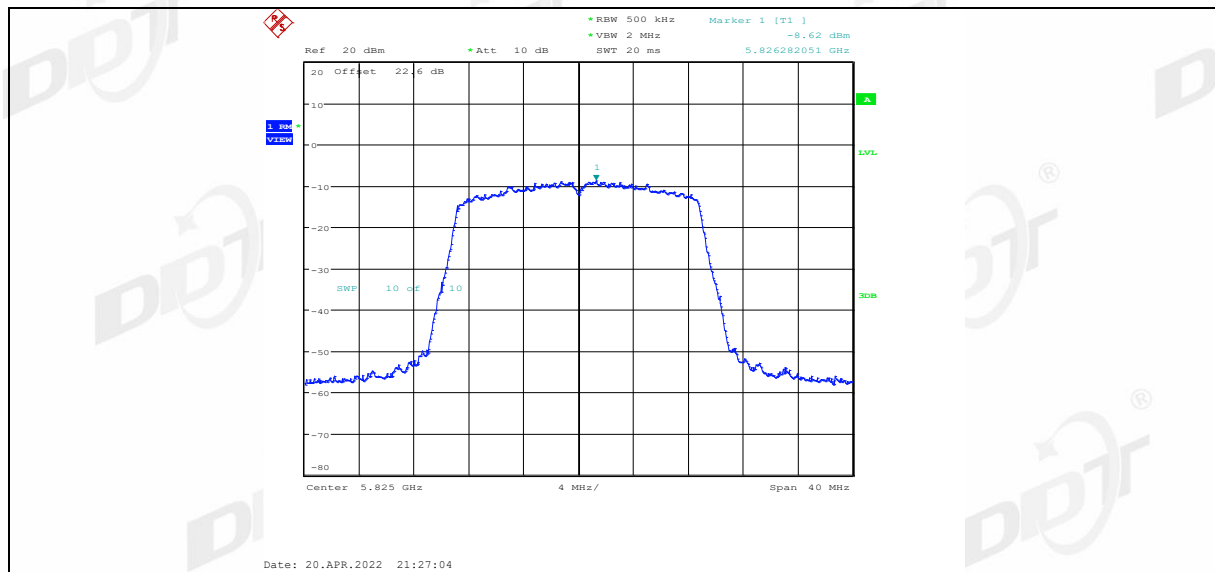
11AC20MIMO_Ant2_5785



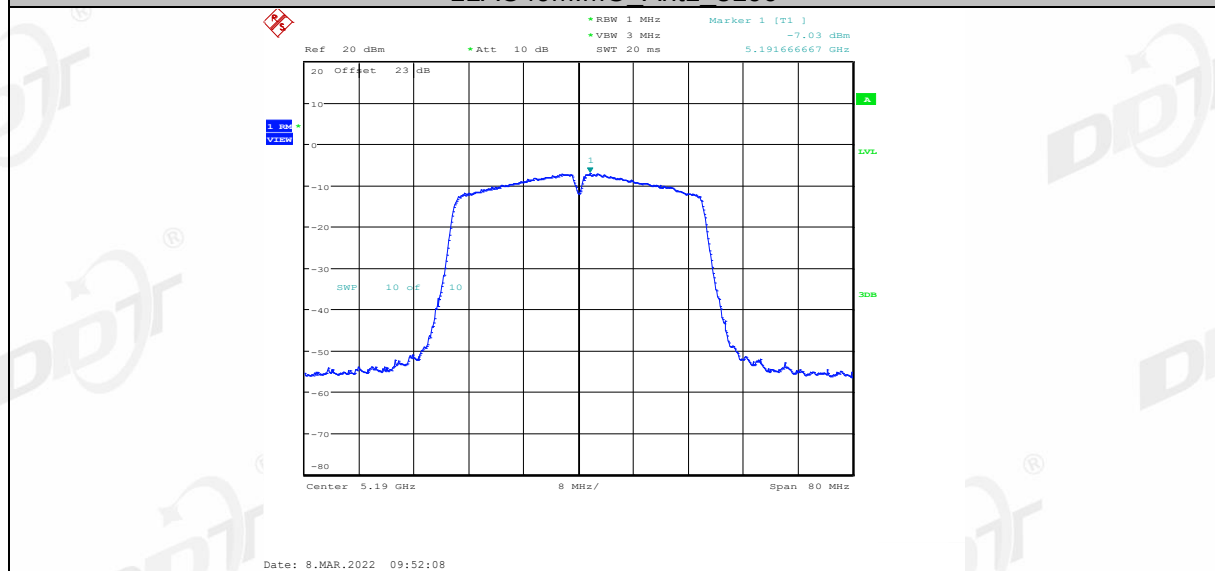
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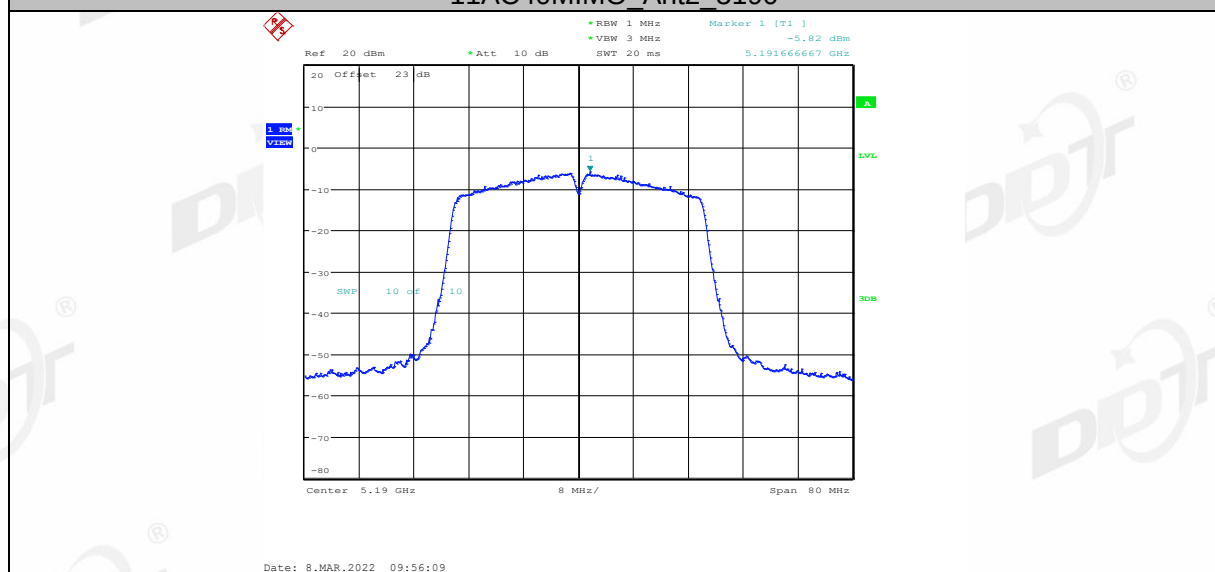
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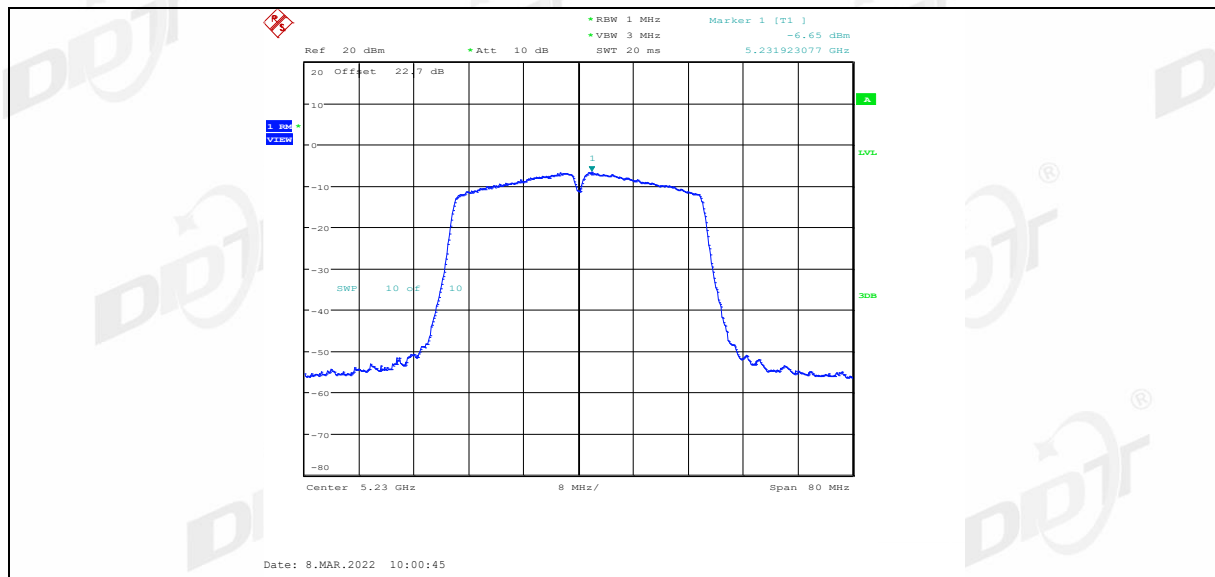
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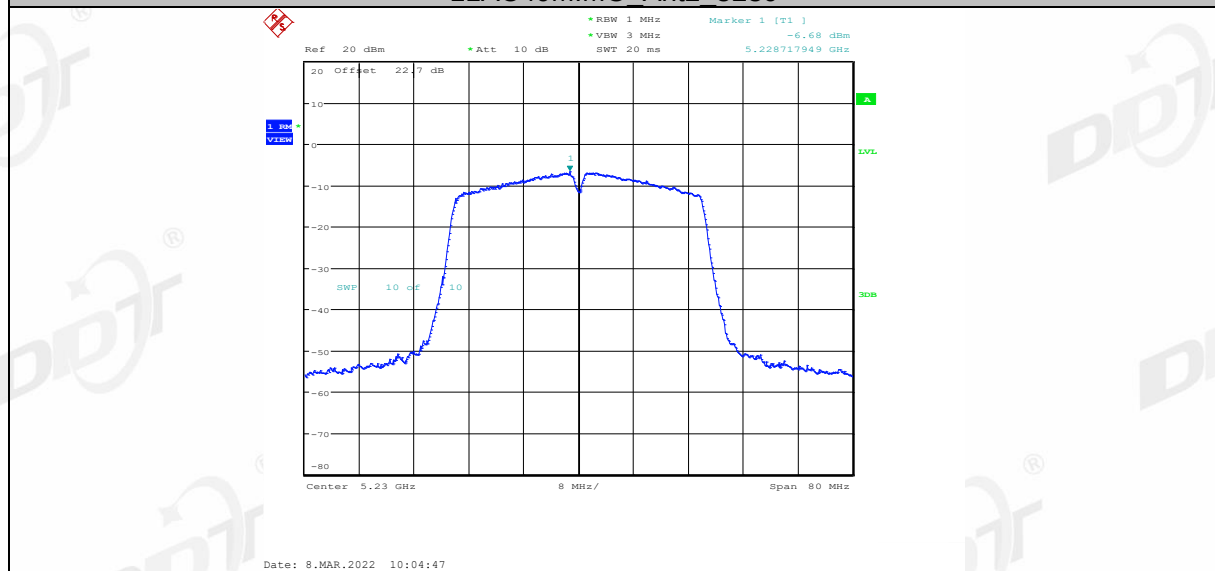
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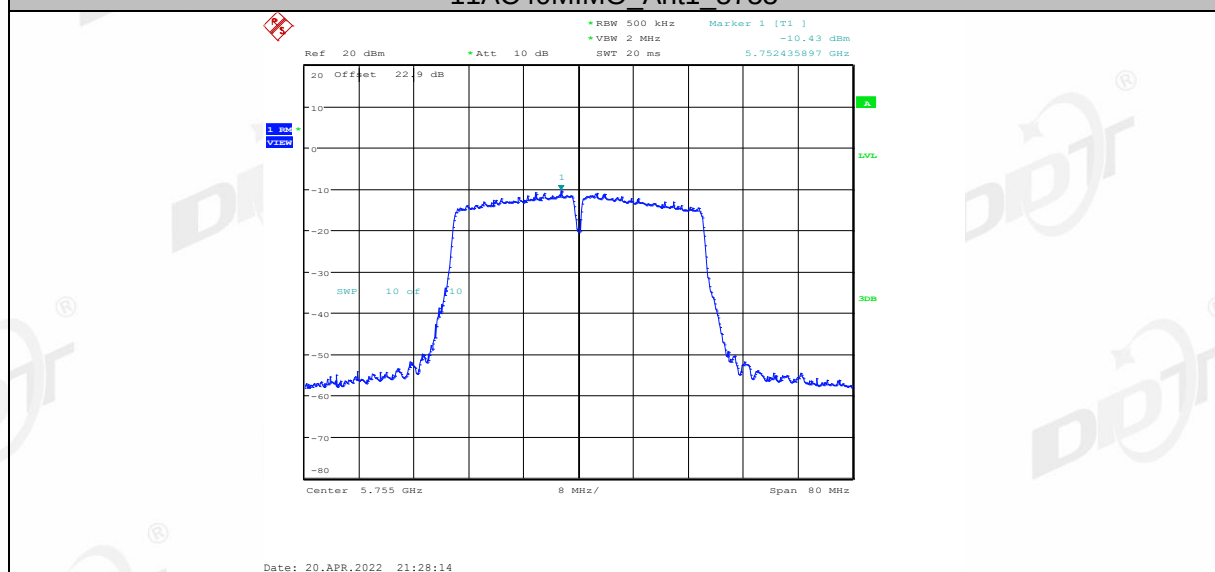
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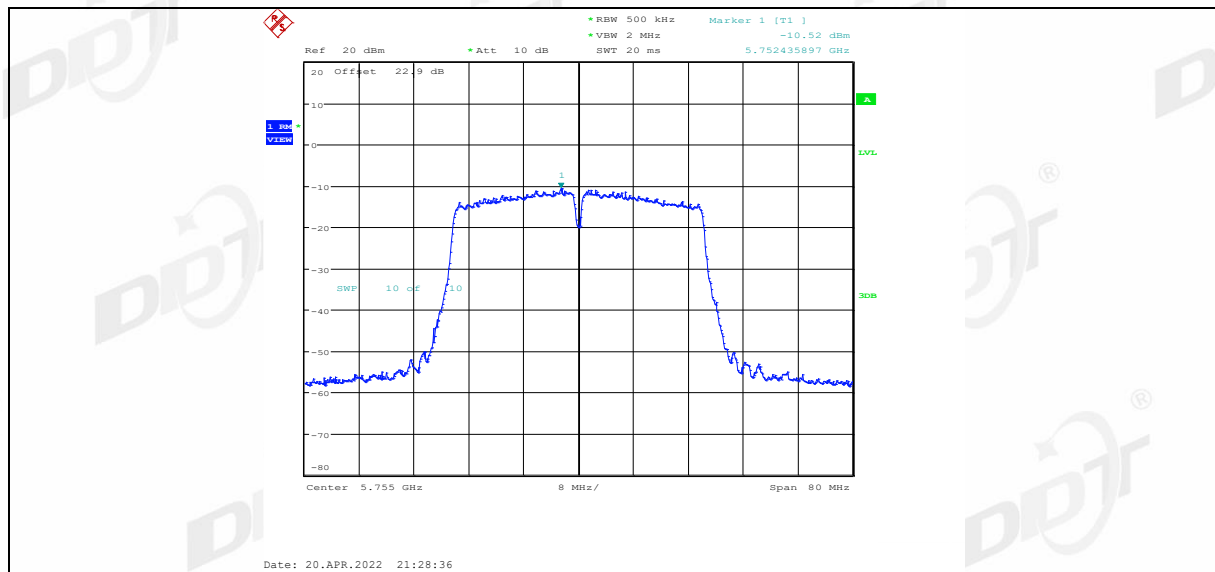
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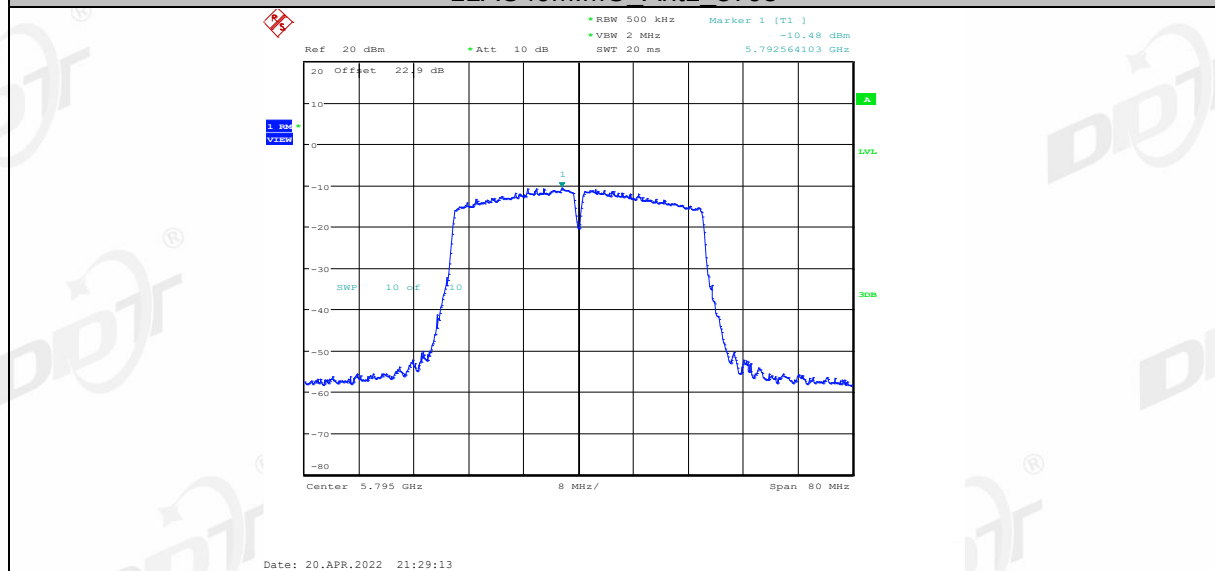
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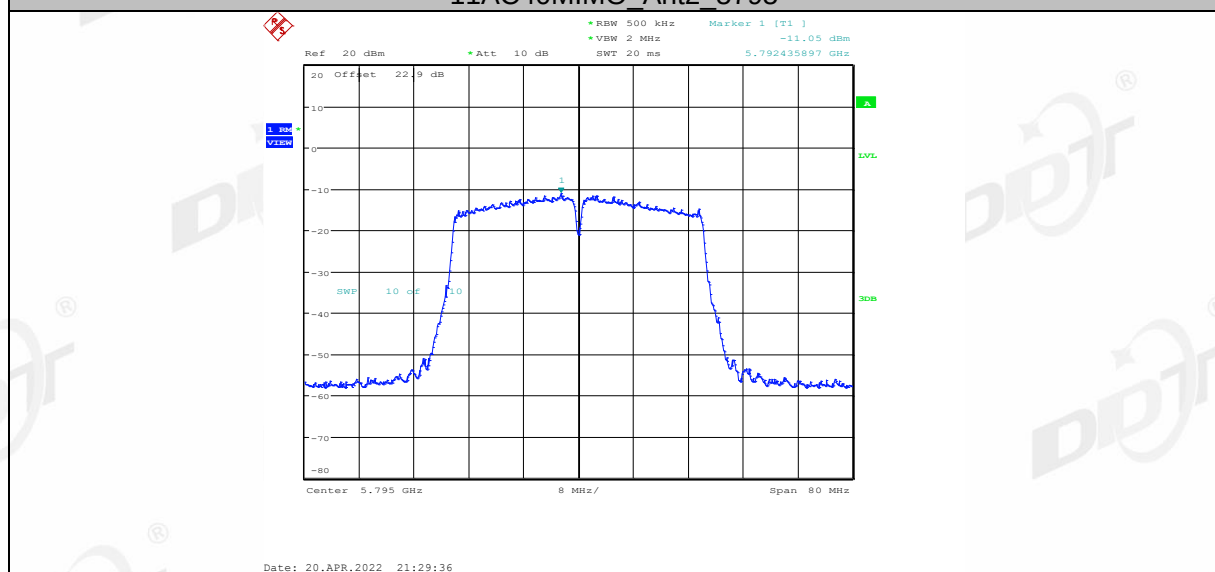
11AC40MIMO_Ant2_5755



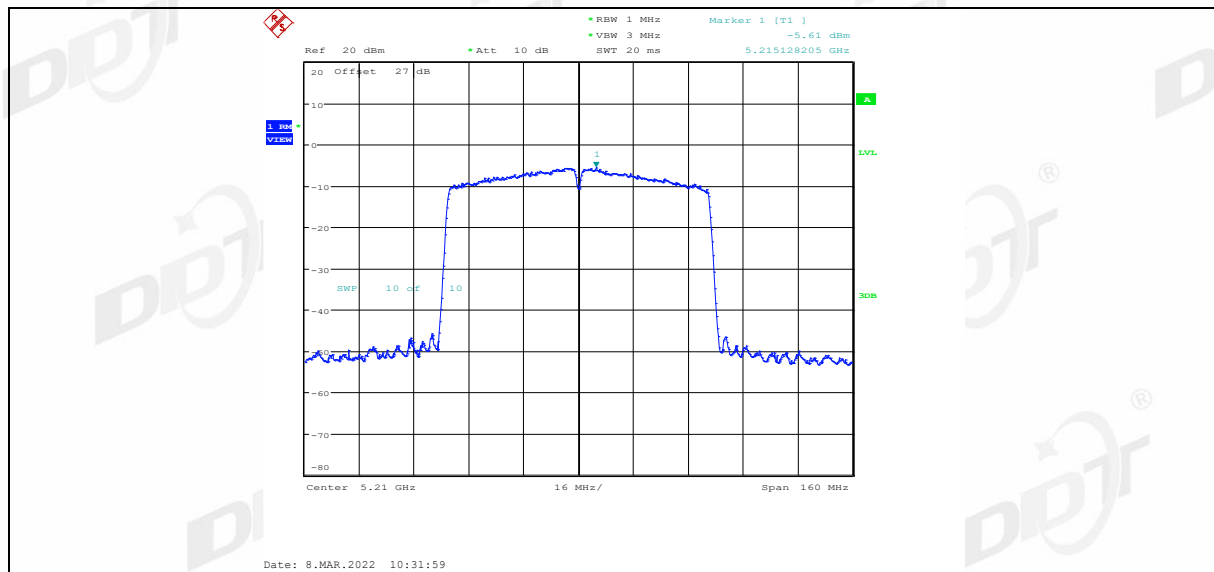
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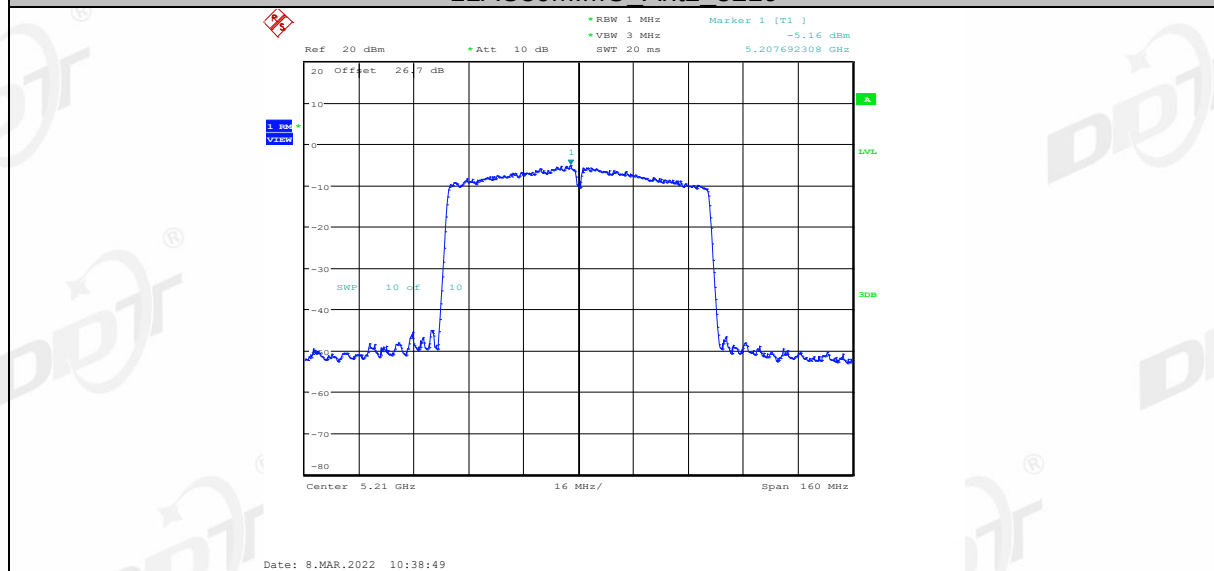
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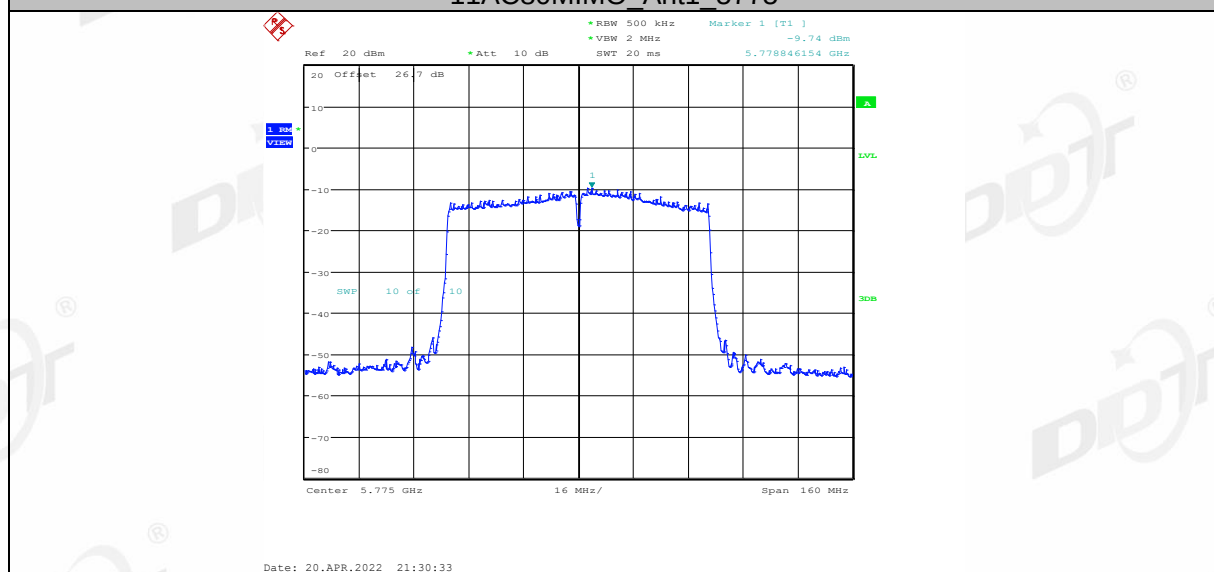
11AC80MIMO_Ant1_5210



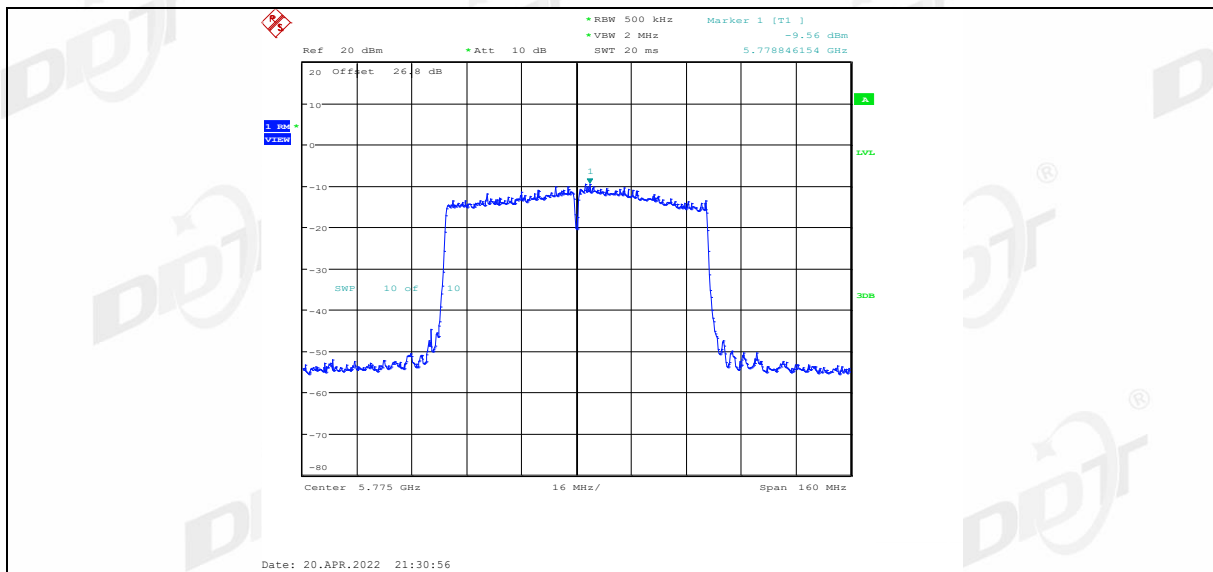
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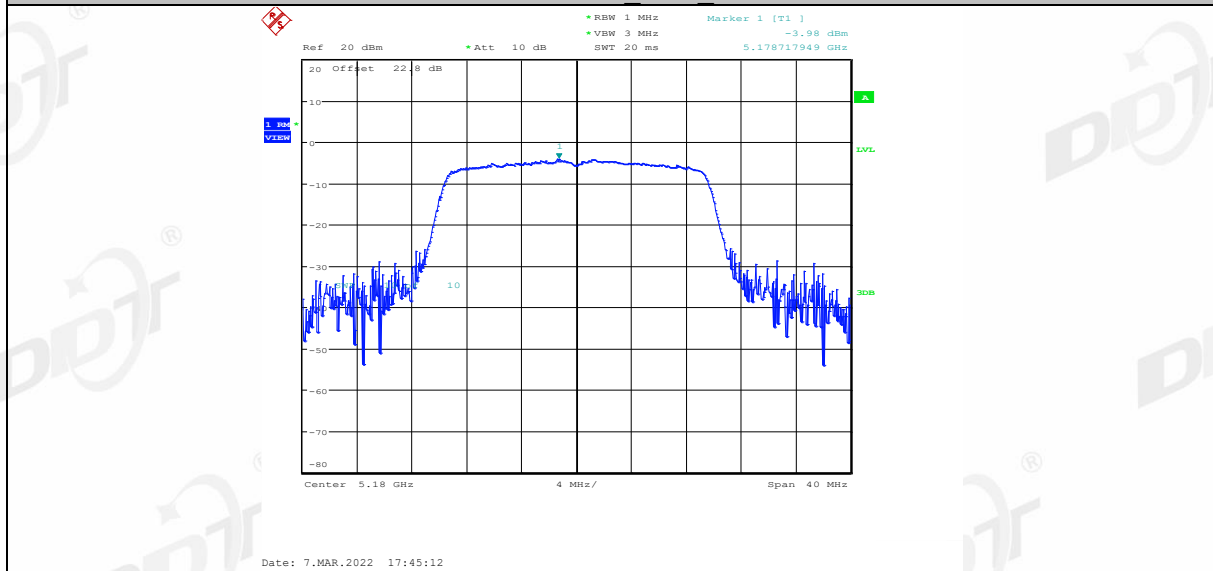
11AC80MIMO_Ant1_5775



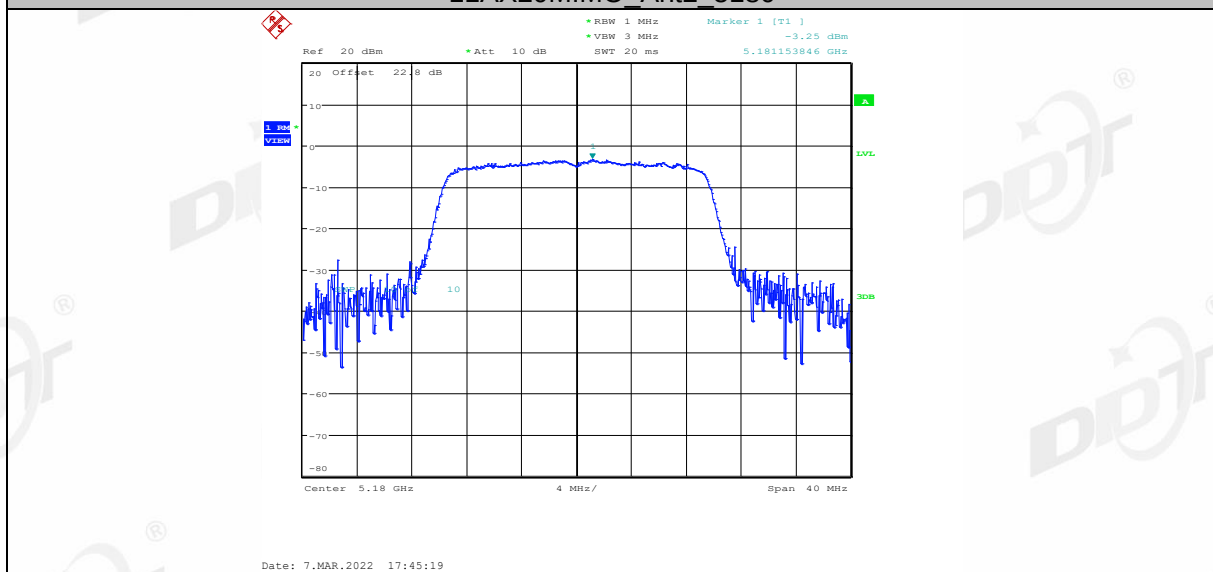
11AC80MIMO_Ant2_5775



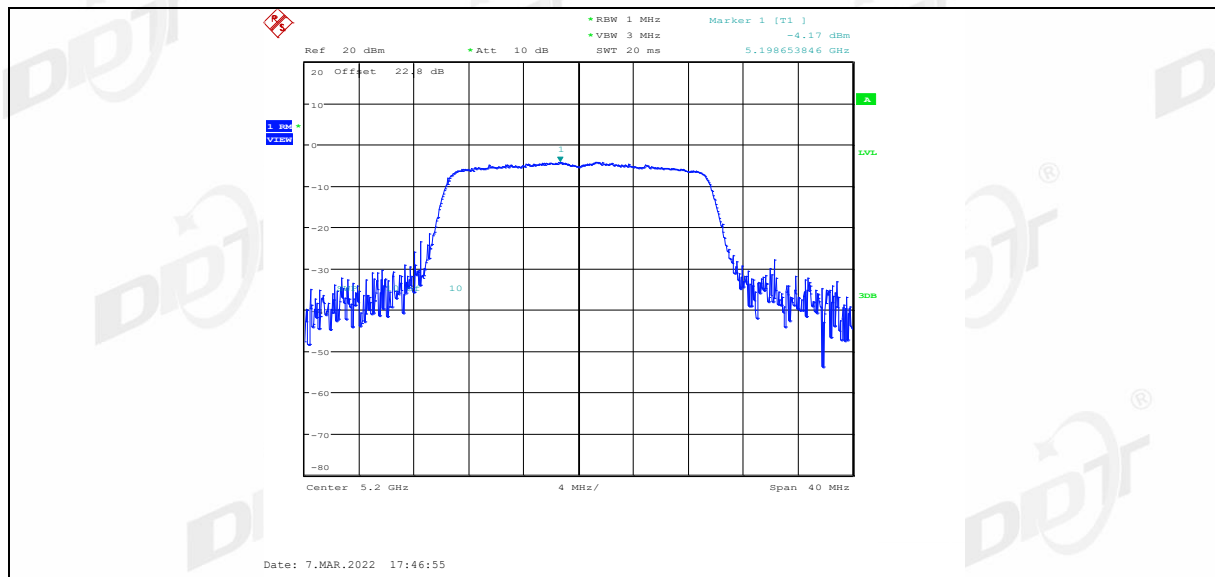
11AX20MIMO Ant1 5180



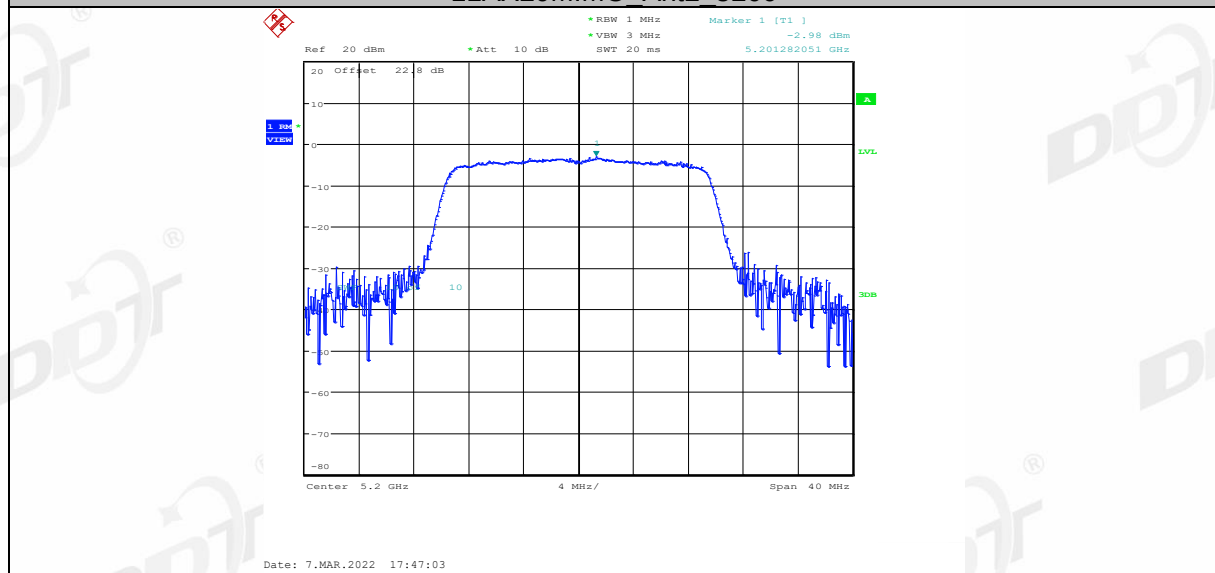
11AX20MIMO Ant2 5180



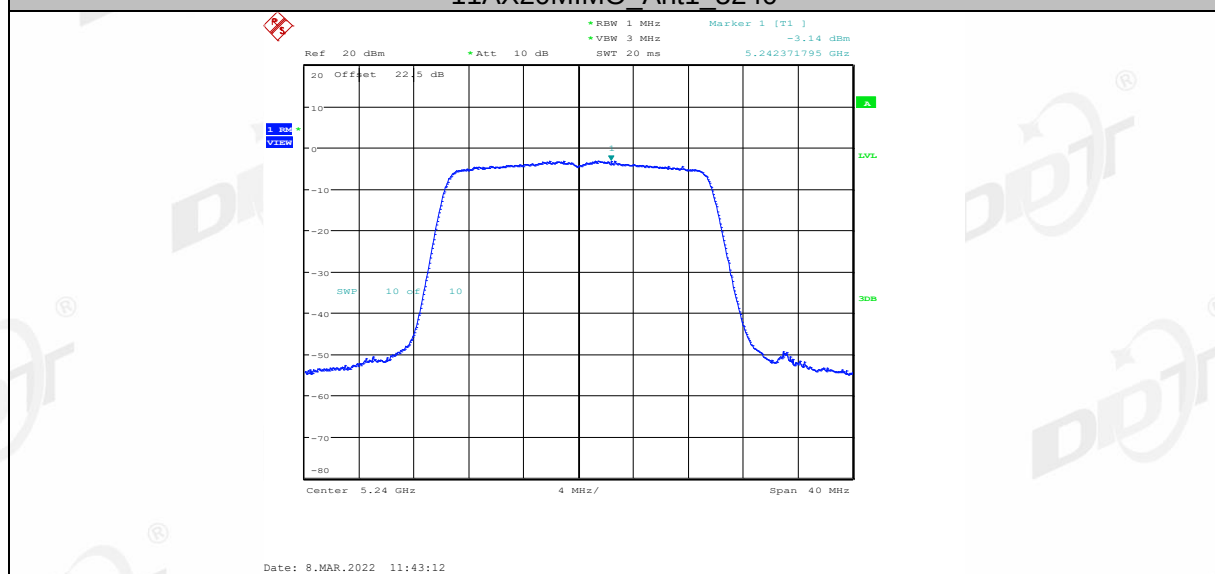
11AX20MIMO Ant1 5200



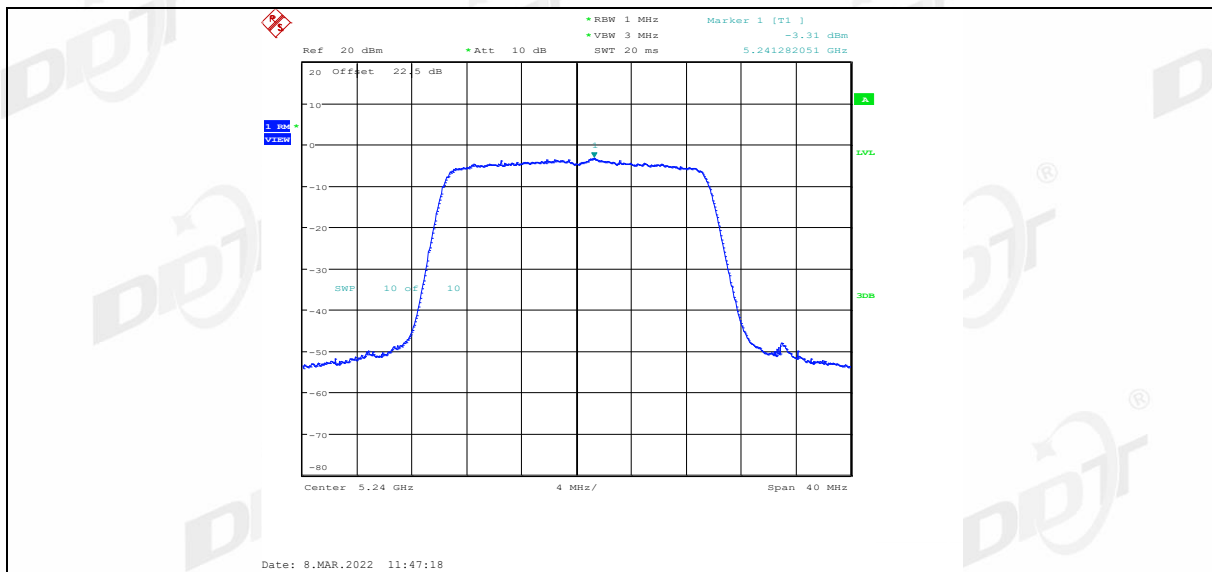
11AX20MIMO_Ant2_5200



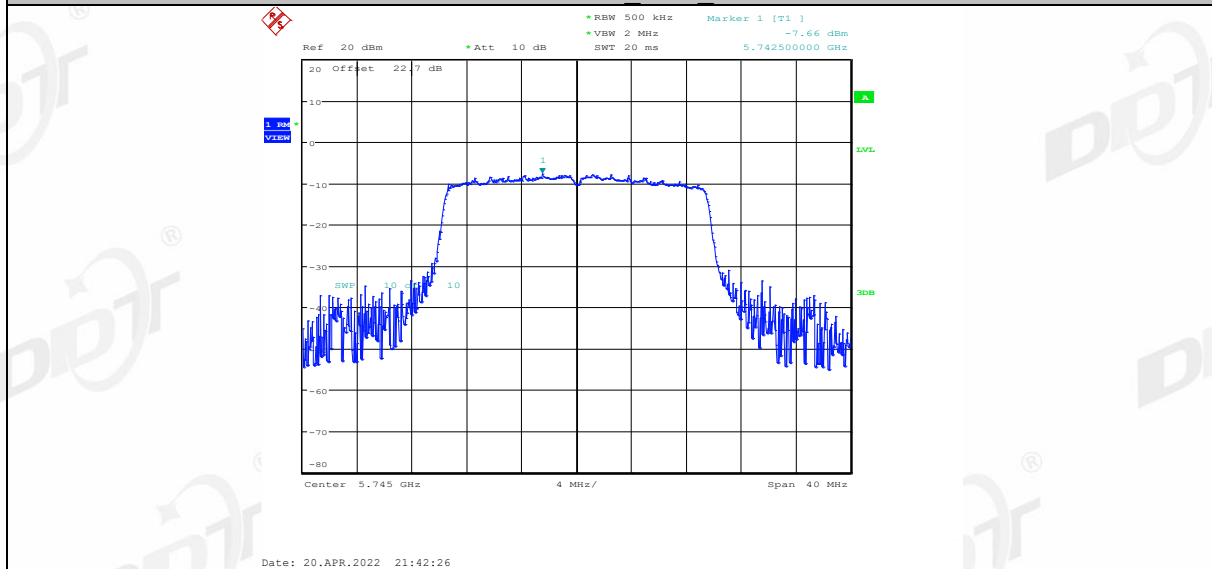
11AX20MIMO_Ant1_5240



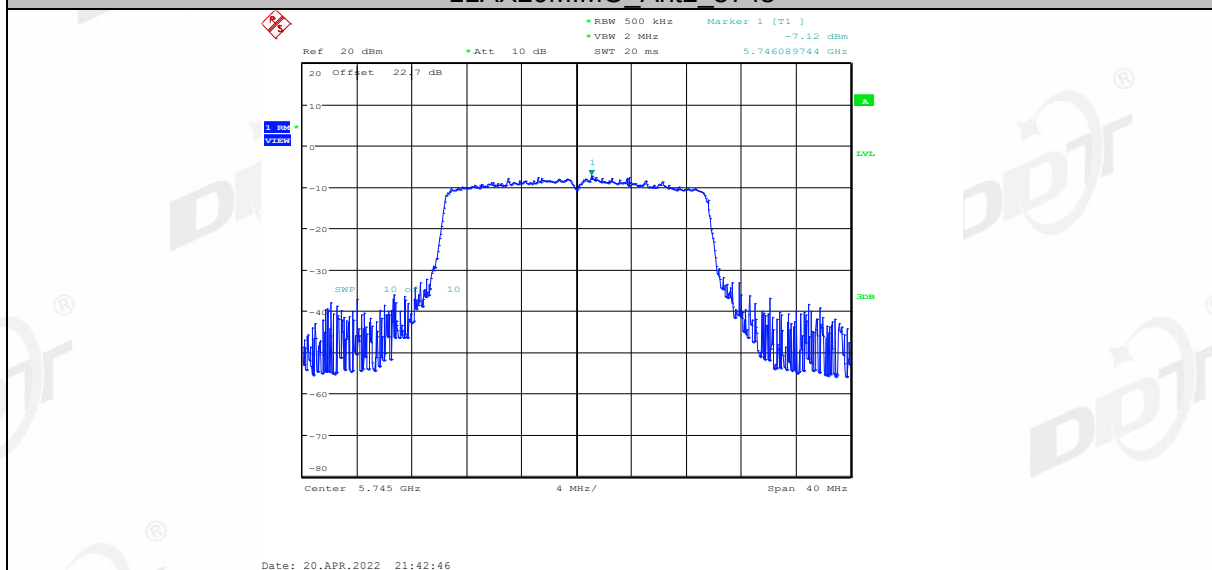
11AX20MIMO_Ant2_5240



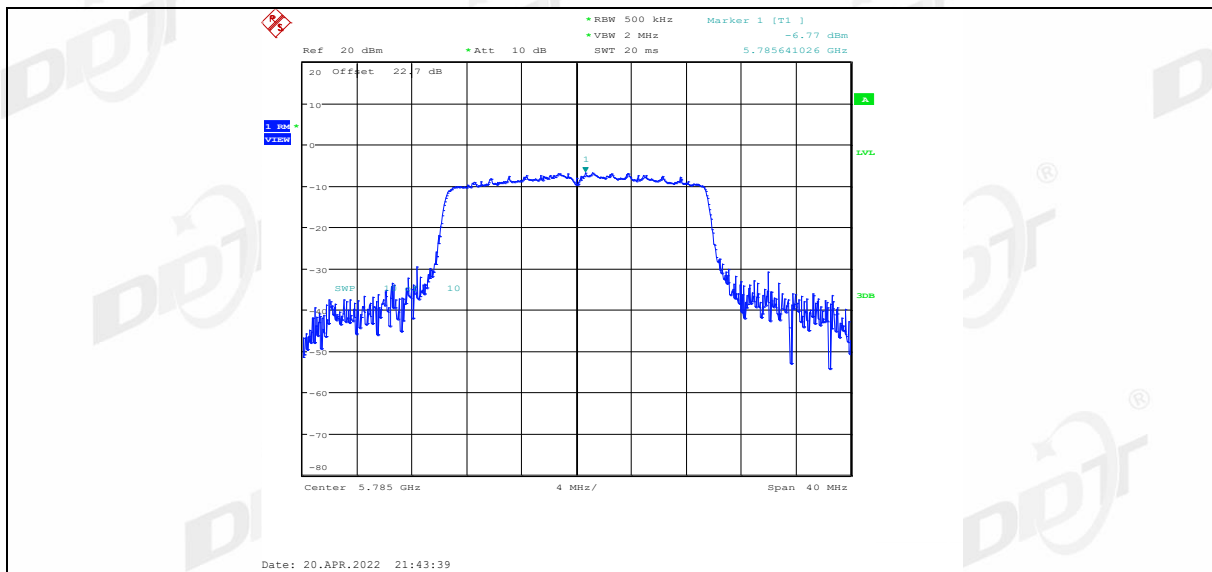
11AX20MIMO_Ant1_5745



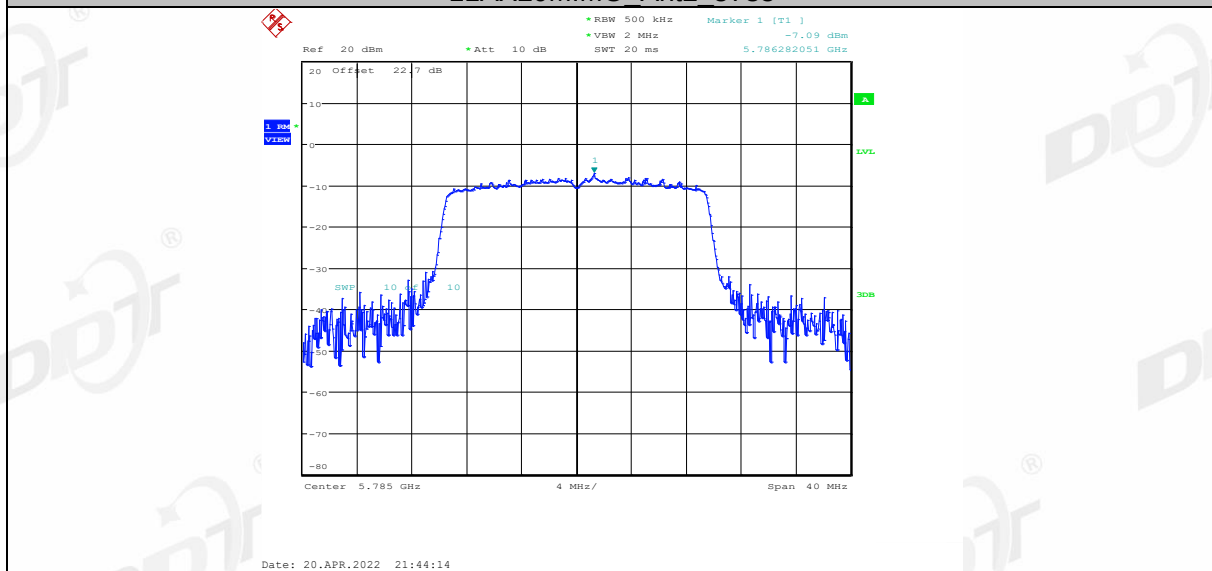
11AX20MIMO_Ant2_5745



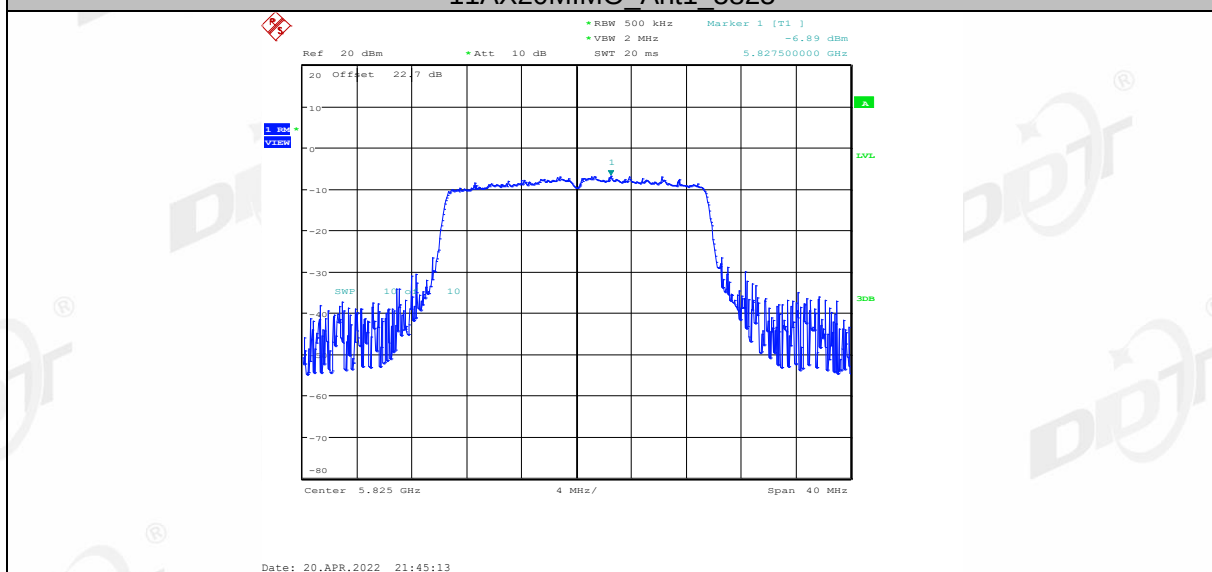
11AX20MIMO_Ant1_5785



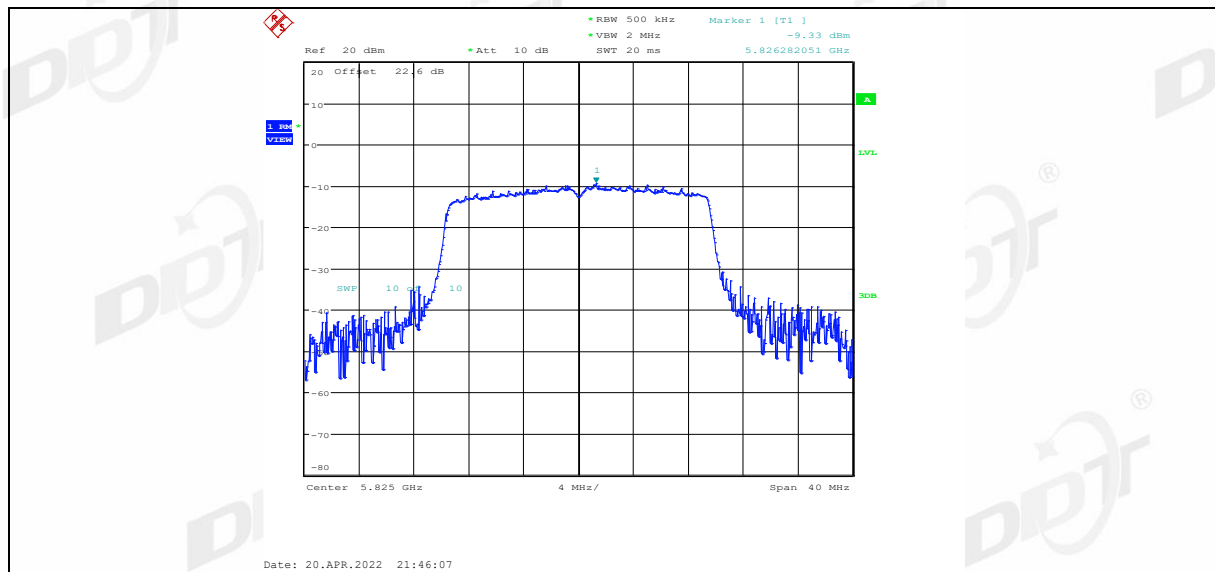
11AX20MIMO Ant2 5785



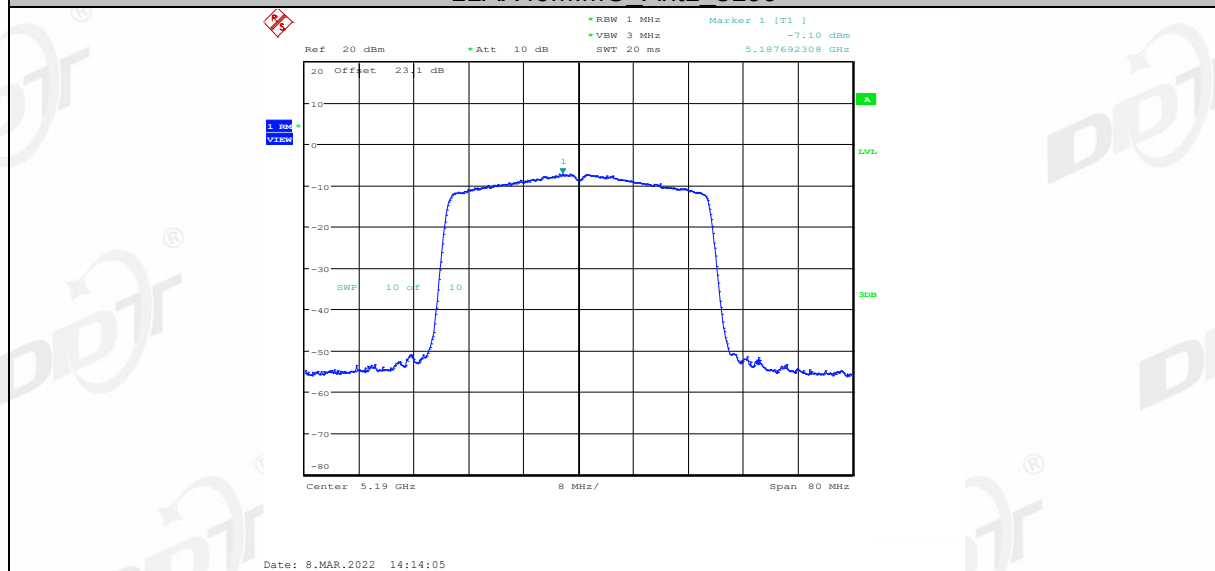
11AX20MIMO Ant1 5825



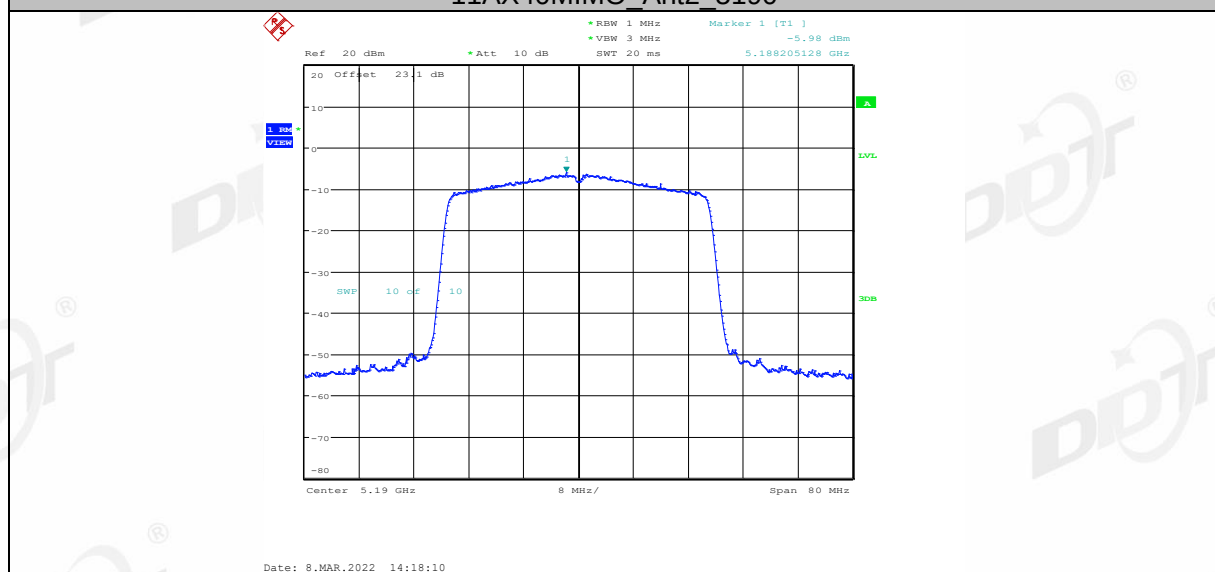
11AX20MIMO Ant2 5825



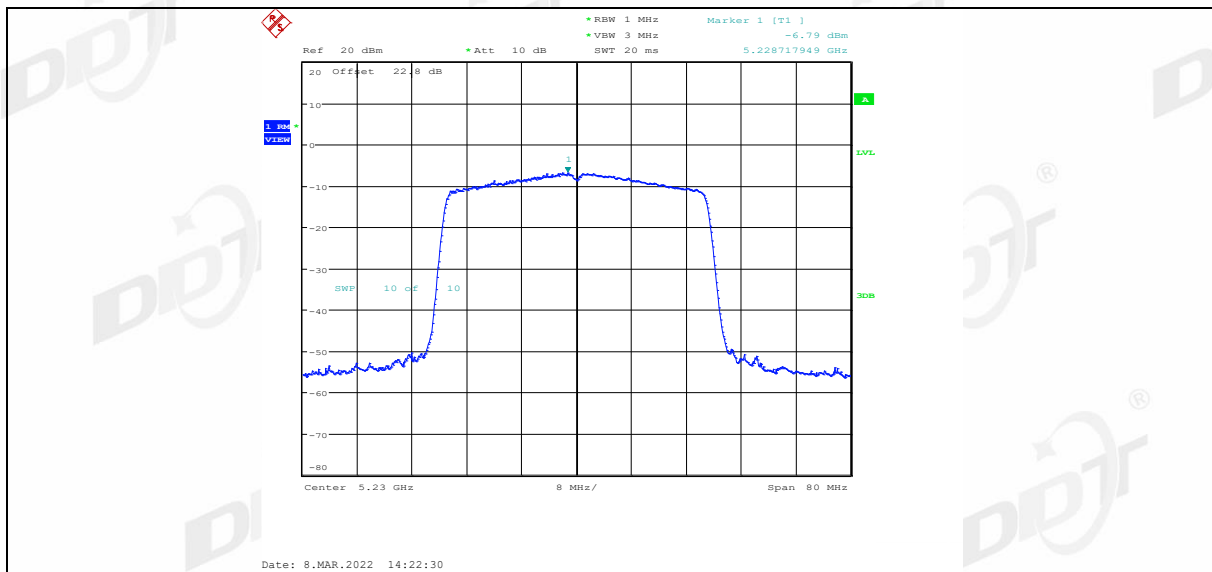
11AX40MIMO Ant1 5190



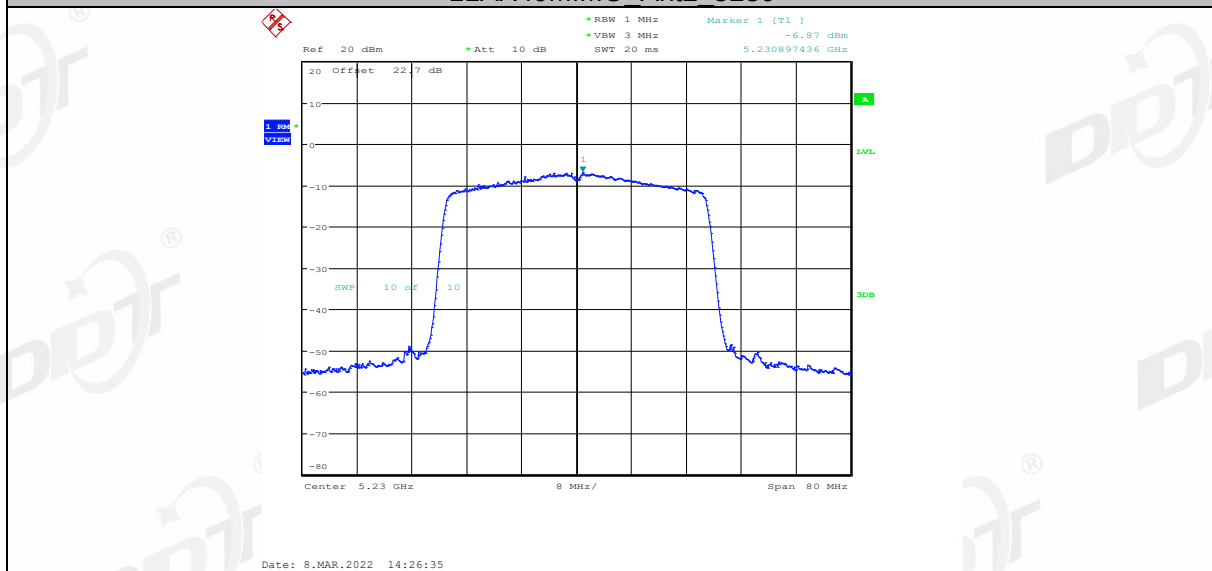
11AX40MIMO Ant2 5190



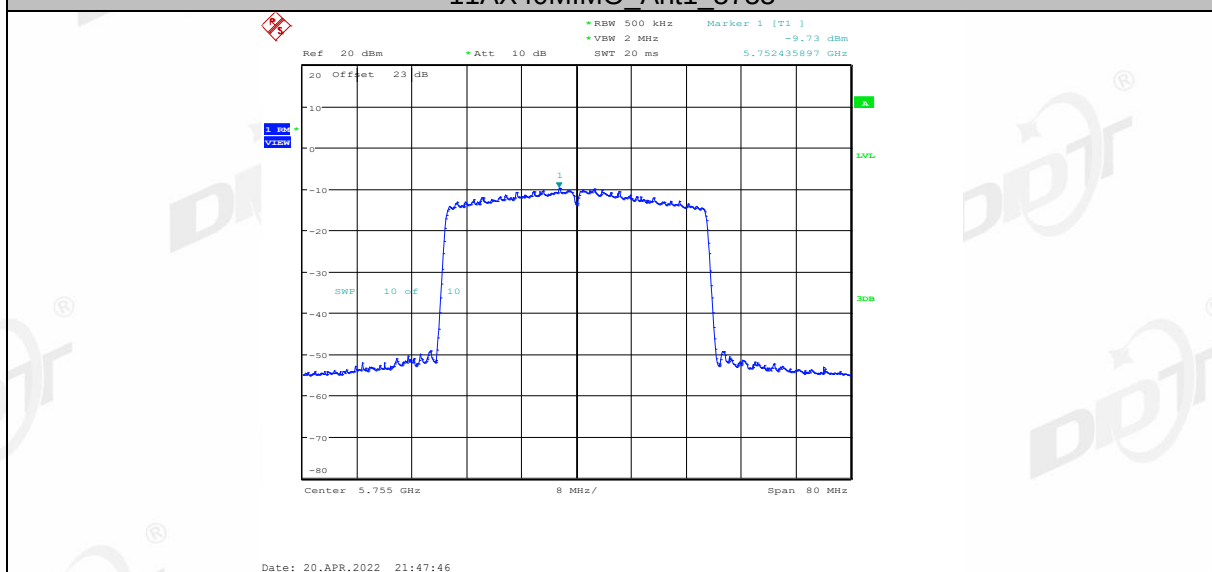
11AX40MIMO Ant1 5230



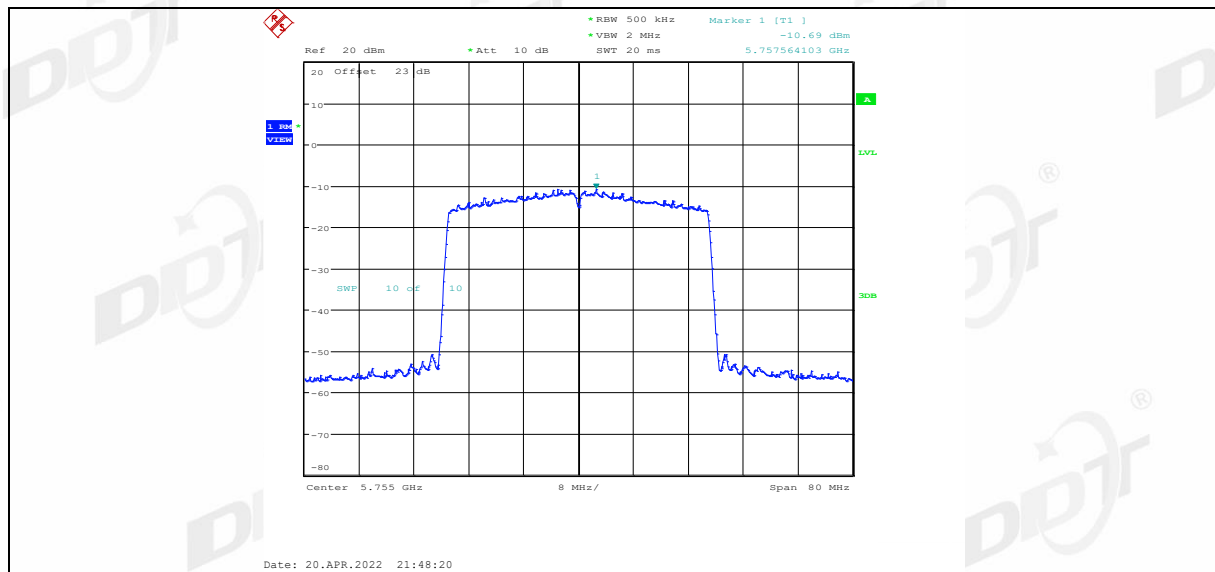
11AX40MIMO_Ant2_5230



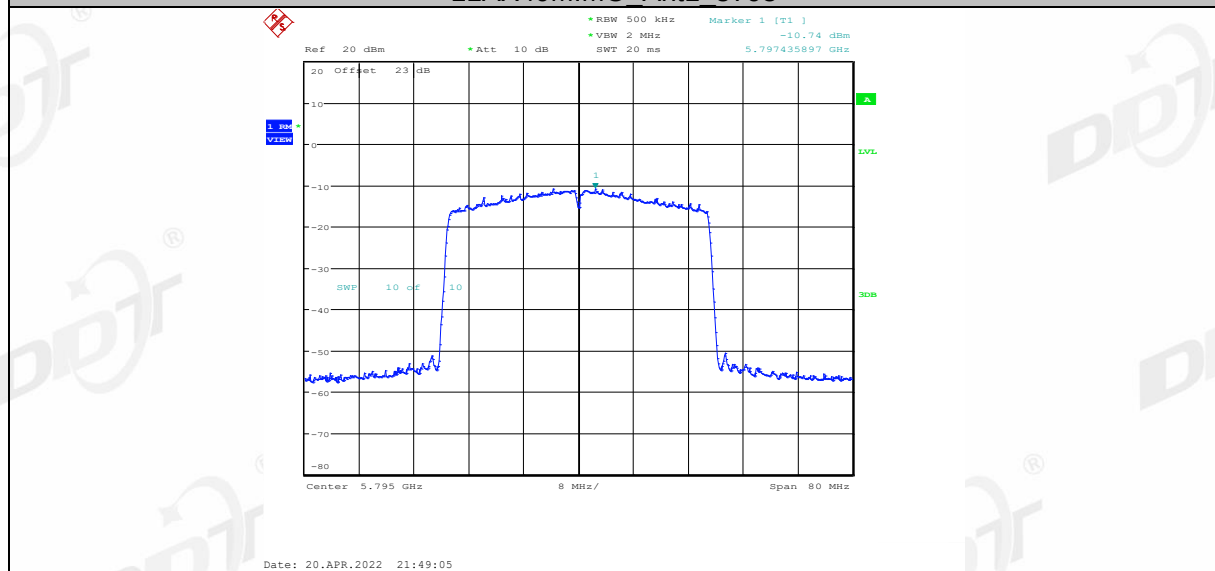
11AX40MIMO_Ant1_5755



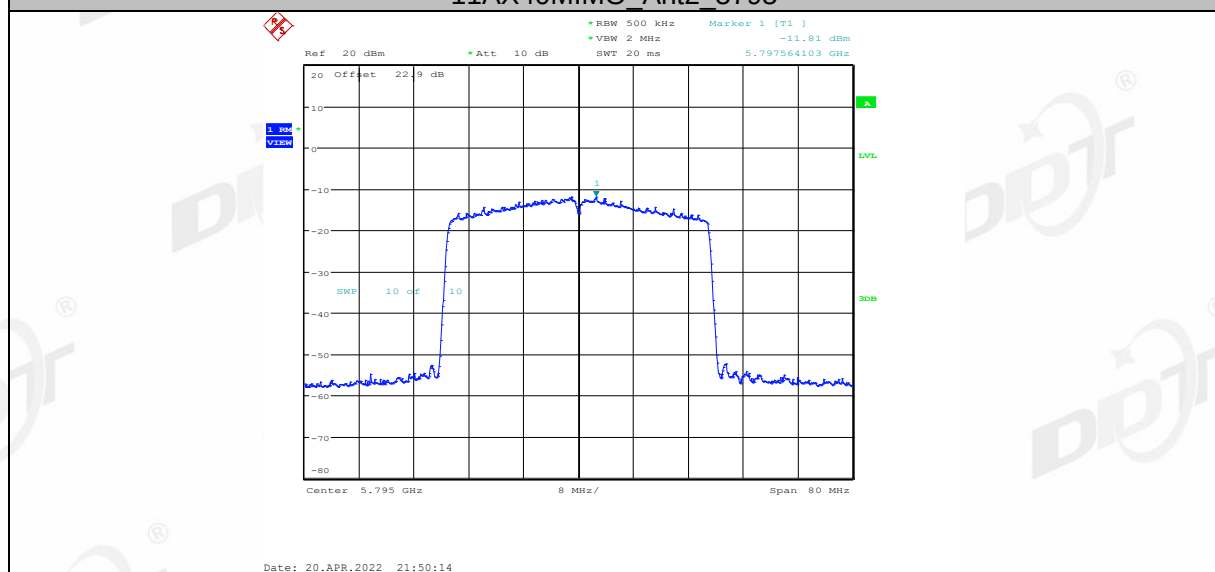
11AX40MIMO_Ant2_5755



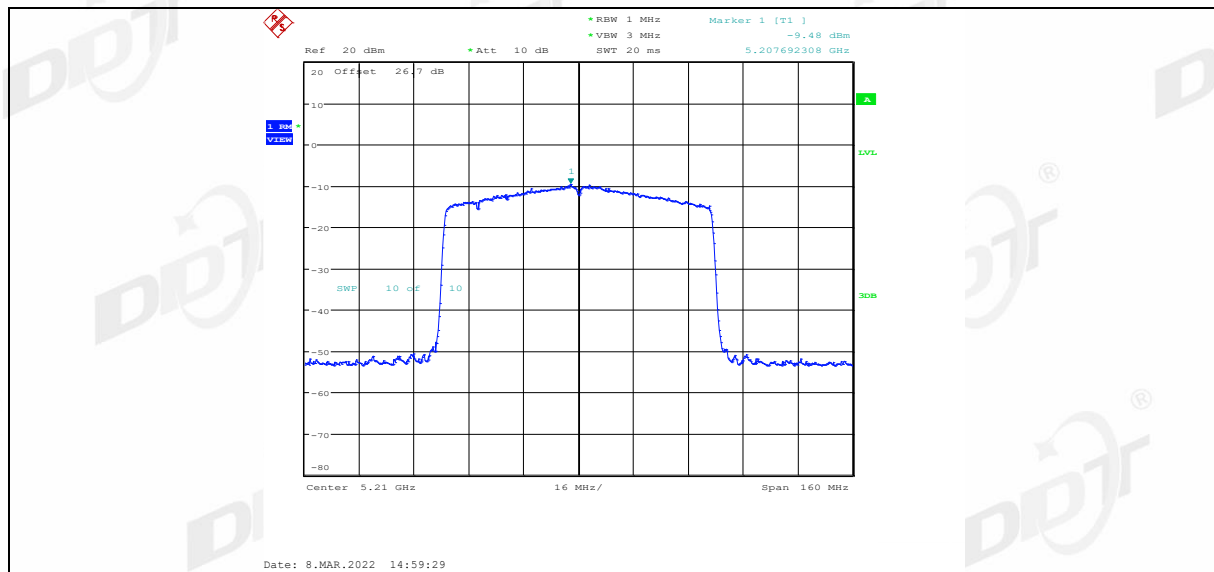
11AX40MIMO_Ant1_5795



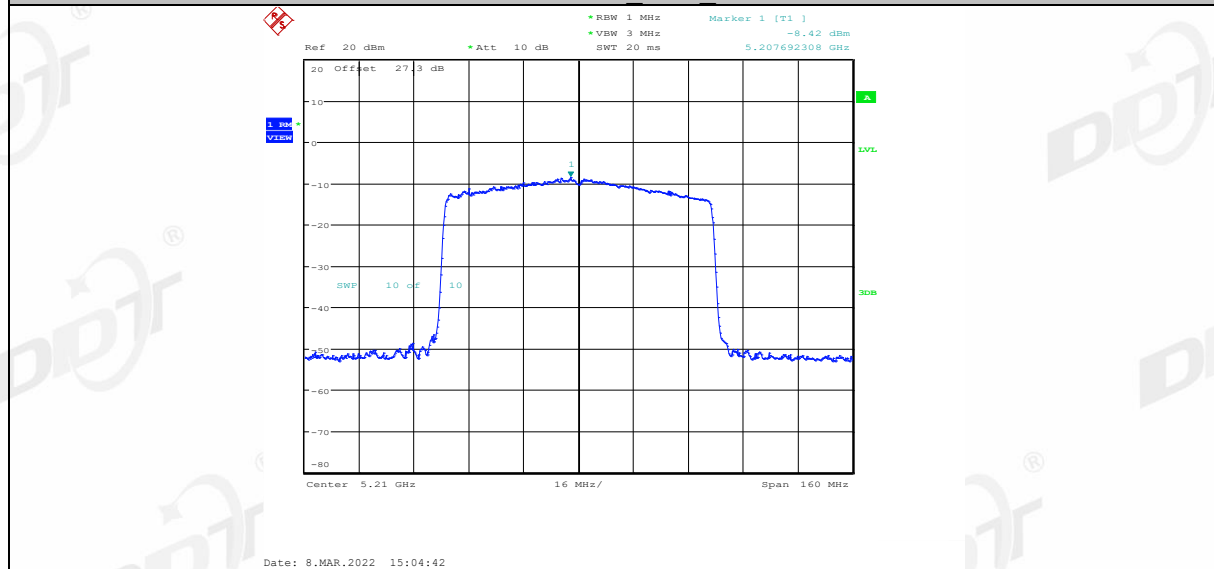
11AX40MIMO_Ant2_5795



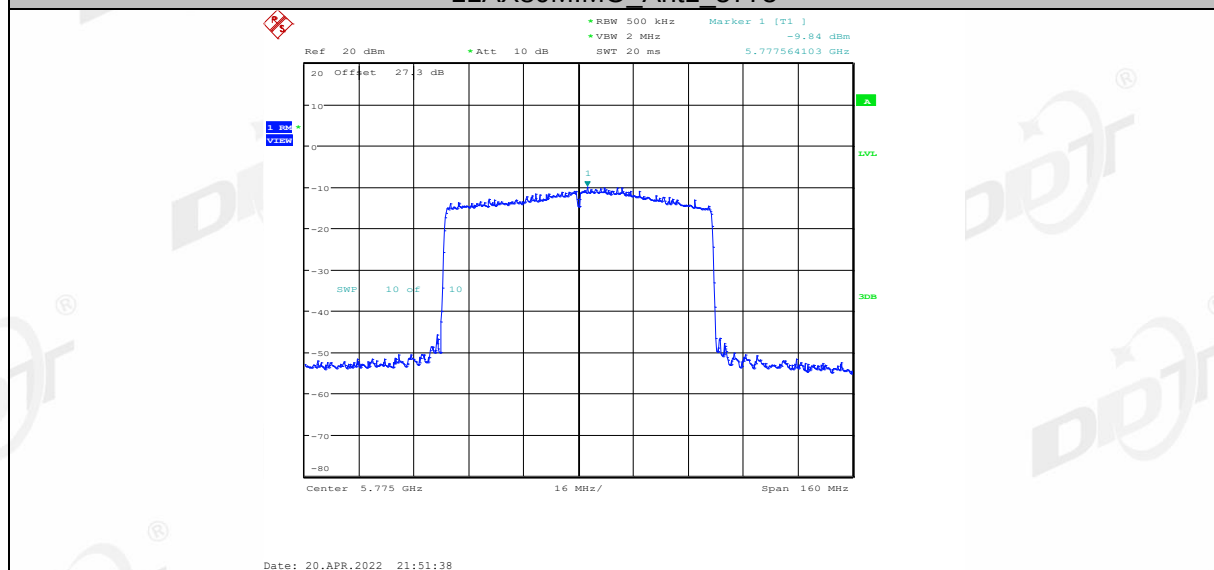
11AX80MIMO_Ant1_5210



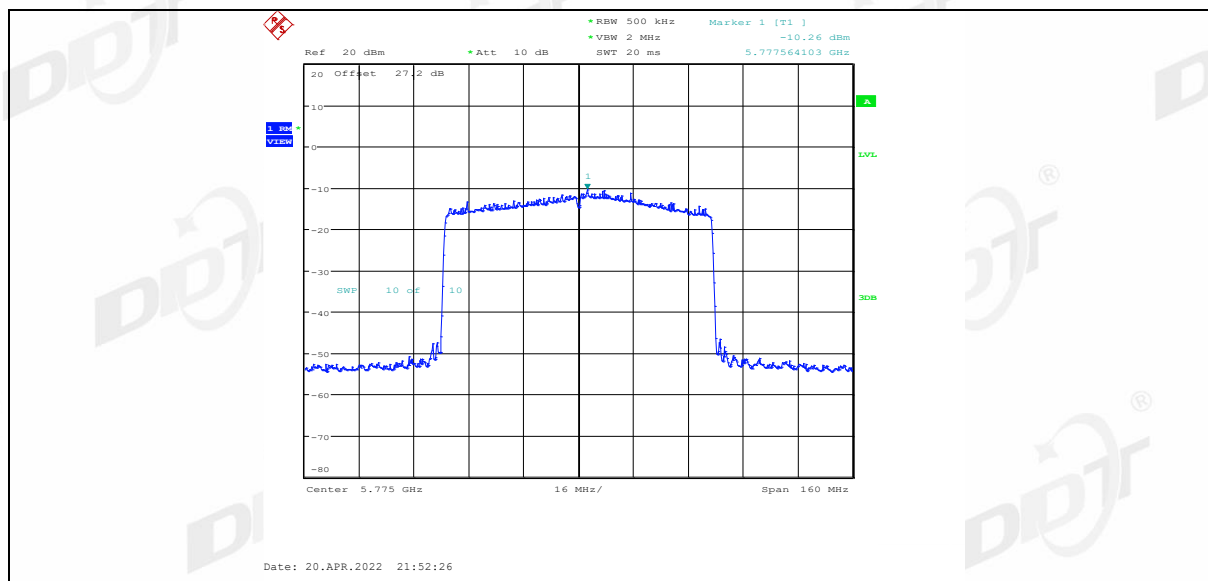
11AX80MIMO_Ant2_5210



11AX80MIMO_Ant1_5775



11AX80MIMO_Ant2_5775



7. Frequency Stability Measurement

7.1. Limit of frequency stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

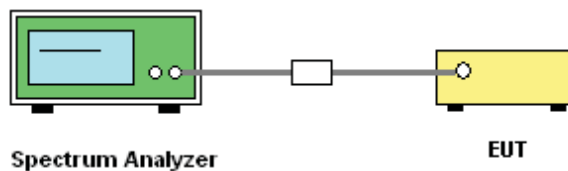
7.2. Measuring instruments

The measuring equipment is listed in the section 4 of this test report.

7.3. Test procedures

- (1) To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
- (2) The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10 dB lower than the measured peak value.
- (3) The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

7.4. Test setup



7.5. Test result

Voltage								
Test Mode	Ant	Ch	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	Pass
			LV	NT	-20000.00	-3.861004	20	Pass
			HV	NT	-20000.00	-3.861004	20	Pass
	Ant2	5180	NV	NT	-20000.00	-3.861004	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	-20000.00	-3.861004	20	Pass
	Ant1	5200	NV	NT	-20000.00	-3.846154	20	Pass
			LV	NT	-20000.00	-3.846154	20	Pass
			HV	NT	-20000.00	-3.846154	20	Pass
	Ant2	5200	NV	NT	-20000.00	-3.846154	20	Pass
			LV	NT	-20000.00	-3.846154	20	Pass
			HV	NT	-40000.00	-7.692308	20	Pass
	Ant1	5240	NV	NT	0.00	0.000000	20	Pass
			LV	NT	0.00	0.000000	20	Pass

11N20 MIMO	Ant2	5240	HV	NT	-20000.00	-3.816794	20	Pass
			NV	NT	0.00	0.000000	20	Pass
			LV	NT	-20000.00	-3.816794	20	Pass
			HV	NT	-20000.00	-3.816794	20	Pass
	Ant1	5745	NV	NT	-20000.00	-3.481288	20	Pass
			LV	NT	-40000.00	-6.962576	20	Pass
			HV	NT	-20000.00	-3.481288	20	Pass
			NV	NT	-20000.00	-3.481288	20	Pass
	Ant2	5745	NV	NT	-20000.00	-3.481288	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	-20000.00	-3.481288	20	Pass
			NV	NT	-20000.00	-3.457217	20	Pass
	Ant1	5785	LV	NT	-20000.00	-3.457217	20	Pass
			HV	NT	-20000.00	-3.457217	20	Pass
			NV	NT	-20000.00	-3.457217	20	Pass
			NV	NT	-20000.00	-3.457217	20	Pass
	Ant2	5785	LV	NT	-20000.00	-3.457217	20	Pass
			HV	NT	-20000.00	-3.457217	20	Pass
			NV	NT	-20000.00	-3.433476	20	Pass
			NV	NT	-20000.00	-3.433476	20	Pass
	Ant1	5825	LV	NT	-20000.00	-3.433476	20	Pass
			HV	NT	-20000.00	-3.433476	20	Pass
			NV	NT	-20000.00	-3.433476	20	Pass
			NV	NT	-20000.00	-3.433476	20	Pass
	Ant2	5825	LV	NT	-40000.00	-6.866953	20	Pass
			HV	NT	-20000.00	-3.433476	20	Pass
			NV	NT	-20000.00	-3.861004	20	Pass
			NV	NT	-20000.00	-3.861004	20	Pass
	Ant1	5180	LV	NT	-20000.00	-3.861004	20	Pass
			HV	NT	-40000.00	-7.722008	20	Pass
			NV	NT	-20000.00	-3.861004	20	Pass
			NV	NT	-20000.00	-3.861004	20	Pass
	Ant2	5180	LV	NT	-40000.00	-7.722008	20	Pass
			HV	NT	-40000.00	-7.722008	20	Pass
			NV	NT	0.00	0.000000	20	Pass
			NV	NT	0.00	0.000000	20	Pass
	Ant1	5200	LV	NT	-20000.00	-3.846154	20	Pass
			HV	NT	0.00	0.000000	20	Pass
			NV	NT	0.00	0.000000	20	Pass
			NV	NT	0.00	0.000000	20	Pass
	Ant2	5200	LV	NT	-20000.00	-3.846154	20	Pass
			HV	NT	-20000.00	-3.846154	20	Pass
			NV	NT	-20000.00	-3.816794	20	Pass
			NV	NT	-20000.00	-3.816794	20	Pass
	Ant1	5240	LV	NT	0.00	0.000000	20	Pass
			HV	NT	-20000.00	-3.816794	20	Pass
			NV	NT	0.00	0.000000	20	Pass
			NV	NT	0.00	0.000000	20	Pass
	Ant2	5240	LV	NT	-40000.00	-7.633588	20	Pass
			HV	NT	-20000.00	-3.816794	20	Pass
			NV	NT	0.00	0.000000	20	Pass
			NV	NT	0.00	0.000000	20	Pass
	Ant1	5745	LV	NT	-40000.00	-6.962576	20	Pass
			HV	NT	0.00	0.000000	20	Pass
			NV	NT	0.00	0.000000	20	Pass
			NV	NT	0.00	0.000000	20	Pass
	Ant2	5745	LV	NT	-20000.00	-3.481288	20	Pass
			HV	NT	-20000.00	-3.481288	20	Pass
			NV	NT	-40000.00	-6.914434	20	Pass
			NV	NT	-40000.00	-6.914434	20	Pass
	Ant1	5785	LV	NT	-40000.00	-6.914434	20	Pass
			HV	NT	0.00	0.000000	20	Pass
			NV	NT	-40000.00	-6.914434	20	Pass
			NV	NT	-40000.00	-6.914434	20	Pass
	Ant2	5785	LV	NT	-20000.00	-3.457217	20	Pass
			HV	NT	-20000.00	-3.457217	20	Pass
			NV	NT	-40000.00	-6.914434	20	Pass
			NV	NT	-40000.00	-6.914434	20	Pass

	Ant1	5825	HV	NT	-20000.00	-3.457217	20	Pass	
			NV	NT	-20000.00	-3.433476	20	Pass	
			LV	NT	0.00	0.000000	20	Pass	
			HV	NT	-20000.00	-3.433476	20	Pass	
	Ant2	5825	NV	NT	-20000.00	-3.433476	20	Pass	
			LV	NT	-20000.00	-3.433476	20	Pass	
			HV	NT	-20000.00	-3.433476	20	Pass	
11N40 MIMO	Ant1	5190	NV	NT	0.00	0.000000	20	Pass	
			LV	NT	-40000.00	-7.707129	20	Pass	
			HV	NT	0.00	0.000000	20	Pass	
	Ant2	5190	NV	NT	-40000.00	-7.707129	20	Pass	
			LV	NT	-40000.00	-7.707129	20	Pass	
			HV	NT	-40000.00	-7.707129	20	Pass	
	Ant1	5230	NV	NT	-40000.00	-7.648184	20	Pass	
			LV	NT	-40000.00	-7.648184	20	Pass	
			HV	NT	0.00	0.000000	20	Pass	
	Ant2	5230	NV	NT	-40000.00	-7.648184	20	Pass	
			LV	NT	-40000.00	-7.648184	20	Pass	
			HV	NT	-40000.00	-7.648184	20	Pass	
	Ant1	5755	NV	NT	-40000.00	-6.950478	20	Pass	
			LV	NT	-40000.00	-6.950478	20	Pass	
			HV	NT	-40000.00	-6.950478	20	Pass	
	Ant2	5755	NV	NT	0.00	0.000000	20	Pass	
			LV	NT	0.00	0.000000	20	Pass	
			HV	NT	0.00	0.000000	20	Pass	
	Ant1	5795	NV	NT	0.00	0.000000	20	Pass	
			LV	NT	40000.00	6.902502	20	Pass	
			HV	NT	-40000.00	-6.902502	20	Pass	
	Ant2	5795	NV	NT	0.00	0.000000	20	Pass	
			LV	NT	0.00	0.000000	20	Pass	
			HV	NT	-40000.00	-6.902502	20	Pass	
	11AC20 MIMO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	Pass
				LV	NT	-20000.00	-3.861004	20	Pass
				HV	NT	0.00	0.000000	20	Pass
		Ant2	5180	NV	NT	0.00	0.000000	20	Pass
				LV	NT	-20000.00	-3.861004	20	Pass
				HV	NT	-20000.00	-3.861004	20	Pass
		Ant1	5200	NV	NT	0.00	0.000000	20	Pass
				LV	NT	0.00	0.000000	20	Pass
HV				NT	0.00	0.000000	20	Pass	
Ant2		5200	NV	NT	0.00	0.000000	20	Pass	
			LV	NT	0.00	0.000000	20	Pass	
			HV	NT	-20000.00	-3.846154	20	Pass	
Ant1		5240	NV	NT	-20000.00	-3.816794	20	Pass	
			LV	NT	0.00	0.000000	20	Pass	
			HV	NT	0.00	0.000000	20	Pass	
Ant2		5240	NV	NT	0.00	0.000000	20	Pass	
			LV	NT	0.00	0.000000	20	Pass	
			HV	NT	-20000.00	-3.816794	20	Pass	
Ant1		5745	NV	NT	0.00	0.000000	20	Pass	
			LV	NT	0.00	0.000000	20	Pass	

	Ant2	5745	HV	NT	0.00	0.000000	20	Pass
			NV	NT	0.00	0.000000	20	Pass
			LV	NT	-20000.00	-3.481288	20	Pass
			HV	NT	-20000.00	-3.481288	20	Pass
	Ant1	5785	NV	NT	0.00	0.000000	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant2	5785	NV	NT	0.00	0.000000	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant1	5825	NV	NT	0.00	0.000000	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	0.00	0.000000	20	Pass
11AC40 MIMO	Ant1	5190	NV	NT	0.00	0.000000	20	Pass
			LV	NT	40000.00	7.707129	20	Pass
			HV	NT	-40000.00	-7.707129	20	Pass
	Ant2	5190	NV	NT	0.00	0.000000	20	Pass
			LV	NT	-80000.00	-15.414258	20	Pass
			HV	NT	-80000.00	-15.414258	20	Pass
	Ant1	5230	NV	NT	0.00	0.000000	20	Pass
			LV	NT	-40000.00	-7.648184	20	Pass
			HV	NT	-40000.00	-7.648184	20	Pass
	Ant2	5230	NV	NT	0.00	0.000000	20	Pass
			LV	NT	-40000.00	-7.648184	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant1	5755	NV	NT	0.00	0.000000	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	40000.00	6.950478	20	Pass
	Ant2	5755	NV	NT	0.00	0.000000	20	Pass
			LV	NT	40000.00	6.950478	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant1	5795	NV	NT	0.00	0.000000	20	Pass
			LV	NT	-40000.00	-6.902502	20	Pass
			HV	NT	-40000.00	-6.902502	20	Pass
	Ant2	5795	NV	NT	-40000.00	-6.902502	20	Pass
			LV	NT	-40000.00	-6.902502	20	Pass
			HV	NT	0.00	0.000000	20	Pass
11AC80 MIMO	Ant1	5210	NV	NT	-80000.00	-15.355086	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	-80000.00	-15.355086	20	Pass
	Ant2	5210	NV	NT	0.00	0.000000	20	Pass
			LV	NT	-80000.00	-15.355086	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant1	5775	NV	NT	0.00	0.000000	20	Pass
			LV	NT	80000.00	13.852814	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant2	5775	NV	NT	0.00	0.000000	20	Pass
			LV	NT	80000.00	13.852814	20	Pass

			HV	NT	0.00	0.000000	20	Pass
11AX20 MIMO	Ant1	5180	NV	NT	0.00	0.000000	20	Pass
			LV	NT	-20000.00	-3.861004	20	Pass
			HV	NT	-20000.00	-3.861004	20	Pass
	Ant2	5180	NV	NT	-20000.00	-3.861004	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	-20000.00	-3.861004	20	Pass
	Ant1	5200	NV	NT	-20000.00	-3.846154	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant2	5200	NV	NT	-20000.00	-3.846154	20	Pass
			LV	NT	-20000.00	-3.846154	20	Pass
			HV	NT	-20000.00	-3.846154	20	Pass
	Ant1	5240	NV	NT	-20000.00	-3.816794	20	Pass
			LV	NT	-20000.00	-3.816794	20	Pass
			HV	NT	-20000.00	-3.816794	20	Pass
	Ant2	5240	NV	NT	-20000.00	-3.816794	20	Pass
			LV	NT	-20000.00	-3.816794	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant1	5745	NV	NT	0.00	0.000000	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	-20000.00	-3.481288	20	Pass
	Ant2	5745	NV	NT	-20000.00	-3.481288	20	Pass
			LV	NT	-20000.00	-3.481288	20	Pass
			HV	NT	-20000.00	-3.481288	20	Pass
	Ant1	5785	NV	NT	-20000.00	-3.457217	20	Pass
			LV	NT	-20000.00	-3.457217	20	Pass
			HV	NT	-20000.00	-3.457217	20	Pass
	Ant2	5785	NV	NT	-20000.00	-3.457217	20	Pass
			LV	NT	-20000.00	-3.457217	20	Pass
			HV	NT	-20000.00	-3.457217	20	Pass
	Ant1	5825	NV	NT	-20000.00	-3.433476	20	Pass
			LV	NT	-20000.00	-3.433476	20	Pass
			HV	NT	-20000.00	-3.433476	20	Pass
	Ant2	5825	NV	NT	-20000.00	-3.433476	20	Pass
			LV	NT	-40000.00	-6.866953	20	Pass
			HV	NT	-20000.00	-3.433476	20	Pass
11AX40 MIMO	Ant1	5190	NV	NT	0.00	0.000000	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	-40000.00	-7.707129	20	Pass
	Ant2	5190	NV	NT	0.00	0.000000	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	-80000.00	-15.414258	20	Pass
	Ant1	5230	NV	NT	0.00	0.000000	20	Pass
			LV	NT	-40000.00	-7.648184	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant2	5230	NV	NT	-40000.00	-7.648184	20	Pass
			LV	NT	-40000.00	-7.648184	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant1	5755	NV	NT	-40000.00	-6.950478	20	Pass
			LV	NT	-40000.00	-6.950478	20	Pass

	Ant2	5755	HV	NT	0.00	0.000000	20	Pass
			NV	NT	-40000.00	-6.950478	20	Pass
			LV	NT	-40000.00	-6.950478	20	Pass
			HV	NT	-40000.00	-6.950478	20	Pass
	Ant1	5795	NV	NT	-40000.00	-6.902502	20	Pass
			LV	NT	-40000.00	-6.902502	20	Pass
			HV	NT	-40000.00	-6.902502	20	Pass
	Ant2	5795	NV	NT	-40000.00	-6.902502	20	Pass
			LV	NT	-40000.00	-6.902502	20	Pass
			HV	NT	-40000.00	-6.902502	20	Pass
11AX80 MIMO	Ant1	5210	NV	NT	-80000.00	-15.355086	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant2	5210	NV	NT	0.00	0.000000	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant1	5775	NV	NT	80000.00	13.852814	20	Pass
			LV	NT	-80000.00	-13.852814	20	Pass
			HV	NT	0.00	0.000000	20	Pass
	Ant2	5775	NV	NT	-80000.00	-13.852814	20	Pass
			LV	NT	0.00	0.000000	20	Pass
			HV	NT	0.00	0.000000	20	Pass

Temperature								
Test Mode	Ant	Ch	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0.00	0.000000	20	Pass
			NV	-20	-20000.00	-3.861004	20	Pass
			NV	-10	-20000.00	-3.861004	20	Pass
			NV	0	-20000.00	-3.861004	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-20000.00	-3.861004	20	Pass
			NV	40	-20000.00	-3.861004	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5180	NV	-30	-20000.00	-3.861004	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	-20000.00	-3.861004	20	Pass
			NV	0	-20000.00	-3.861004	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-20000.00	-3.861004	20	Pass
			NV	30	-20000.00	-3.861004	20	Pass
			NV	40	-20000.00	-3.861004	20	Pass
			NV	50	-20000.00	-3.861004	20	Pass
	Ant1	5200	NV	-30	-20000.00	-3.846154	20	Pass
			NV	-20	-20000.00	-3.846154	20	Pass
			NV	-10	-20000.00	-3.846154	20	Pass
			NV	0	-20000.00	-3.846154	20	Pass
			NV	10	-20000.00	-3.846154	20	Pass
			NV	20	-20000.00	-3.846154	20	Pass

			NV	30	-20000.00	-3.846154	20	Pass
			NV	40	-20000.00	-3.846154	20	Pass
			NV	50	-20000.00	-3.846154	20	Pass
	Ant2	5200	NV	-30	-20000.00	-3.846154	20	Pass
			NV	-20	-20000.00	-3.846154	20	Pass
			NV	-10	-20000.00	-3.846154	20	Pass
			NV	0	-20000.00	-3.846154	20	Pass
			NV	10	-20000.00	-3.846154	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-20000.00	-3.846154	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-20000.00	-3.846154	20	Pass
			NV	-30	-20000.00	-3.816794	20	Pass
			NV	-20	-20000.00	-3.816794	20	Pass
			NV	-10	-20000.00	-3.816794	20	Pass
	Ant1	5240	NV	0	-20000.00	-3.816794	20	Pass
			NV	10	-20000.00	-3.816794	20	Pass
			NV	20	-20000.00	-3.816794	20	Pass
			NV	30	-20000.00	-3.816794	20	Pass
			NV	40	-40000.00	-7.633588	20	Pass
			NV	50	-20000.00	-3.816794	20	Pass
			NV	-30	-40000.00	-7.633588	20	Pass
			NV	-20	-20000.00	-3.816794	20	Pass
	Ant2	5240	NV	-10	-20000.00	-3.816794	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-20000.00	-3.816794	20	Pass
			NV	30	-20000.00	-3.816794	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-20000.00	-3.816794	20	Pass
	Ant1	5745	NV	-30	-20000.00	-3.481288	20	Pass
			NV	-20	-20000.00	-3.481288	20	Pass
			NV	-10	-20000.00	-3.481288	20	Pass
			NV	0	-20000.00	-3.481288	20	Pass
			NV	10	-20000.00	-3.481288	20	Pass
			NV	20	-20000.00	-3.481288	20	Pass
			NV	30	-20000.00	-3.481288	20	Pass
			NV	40	-20000.00	-3.481288	20	Pass
			NV	50	-20000.00	-3.481288	20	Pass
	Ant2	5745	NV	-30	-20000.00	-3.481288	20	Pass
			NV	-20	-20000.00	-3.481288	20	Pass
			NV	-10	-40000.00	-6.962576	20	Pass
			NV	0	-20000.00	-3.481288	20	Pass
			NV	10	-20000.00	-3.481288	20	Pass
			NV	20	-20000.00	-3.481288	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	-20000.00	-3.481288	20	Pass
			NV	50	-20000.00	-3.481288	20	Pass
	Ant1	5785	NV	-30	-20000.00	-3.457217	20	Pass
			NV	-20	-20000.00	-3.457217	20	Pass
			NV	-10	-20000.00	-3.457217	20	Pass

11N20 MIMO			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-20000.00	-3.457217	20	Pass
			NV	30	-20000.00	-3.457217	20	Pass
			NV	40	-20000.00	-3.457217	20	Pass
			NV	50	-20000.00	-3.457217	20	Pass
	Ant2	5785	NV	-30	0.00	0.000000	20	Pass
			NV	-20	-20000.00	-3.457217	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	-20000.00	-3.457217	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-20000.00	-3.457217	20	Pass
			NV	40	-20000.00	-3.457217	20	Pass
	Ant1	5825	NV	50	-20000.00	-3.457217	20	Pass
			NV	-30	-20000.00	-3.433476	20	Pass
			NV	-20	-20000.00	-3.433476	20	Pass
			NV	-10	-20000.00	-3.433476	20	Pass
			NV	0	-20000.00	-3.433476	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-20000.00	-3.433476	20	Pass
	Ant2	5825	NV	40	-20000.00	-3.433476	20	Pass
			NV	50	0.00	0.000000	20	Pass
			NV	-30	-20000.00	-3.433476	20	Pass
			NV	-20	-20000.00	-3.433476	20	Pass
			NV	-10	-20000.00	-3.433476	20	Pass
			NV	0	-20000.00	-3.433476	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-20000.00	-3.433476	20	Pass
11N20 MIMO	Ant1	5180	NV	30	-20000.00	-3.433476	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-20000.00	-3.433476	20	Pass
			NV	-30	-20000.00	-3.861004	20	Pass
			NV	-20	-20000.00	-3.861004	20	Pass
			NV	-10	-20000.00	-3.861004	20	Pass
			NV	0	-20000.00	-3.861004	20	Pass
			NV	10	-40000.00	-7.722008	20	Pass
	Ant2	5180	NV	20	-40000.00	-7.722008	20	Pass
			NV	30	-40000.00	-7.722008	20	Pass
			NV	40	-20000.00	-3.861004	20	Pass
			NV	50	-20000.00	-3.861004	20	Pass
			NV	-30	-20000.00	-3.861004	20	Pass
			NV	-20	-20000.00	-3.861004	20	Pass
			NV	-10	-20000.00	-3.861004	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	-40000.00	-7.722008	20	Pass
			NV	20	-40000.00	-7.722008	20	Pass
			NV	30	-20000.00	-3.861004	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-20000.00	-3.861004	20	Pass

	Ant1	5200	NV	-30	-20000.00	-3.846154	20	Pass
			NV	-20	-20000.00	-3.846154	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5200	NV	-30	-20000.00	-3.846154	20	Pass
			NV	-20	20000.00	3.846154	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-20000.00	-3.846154	20	Pass
			NV	30	-20000.00	-3.846154	20	Pass
			NV	40	-20000.00	-3.846154	20	Pass
			NV	50	-40000.00	-7.692308	20	Pass
	Ant1	5240	NV	-30	0.00	0.000000	20	Pass
			NV	-20	-20000.00	-3.816794	20	Pass
			NV	-10	-20000.00	-3.816794	20	Pass
			NV	0	-20000.00	-3.816794	20	Pass
			NV	10	-40000.00	-7.633588	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-20000.00	-3.816794	20	Pass
			NV	40	-20000.00	-3.816794	20	Pass
			NV	50	-20000.00	-3.816794	20	Pass
	Ant2	5240	NV	-30	-20000.00	-3.816794	20	Pass
			NV	-20	-20000.00	-3.816794	20	Pass
			NV	-10	-40000.00	-7.633588	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-40000.00	-7.633588	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	-20000.00	-3.816794	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant1	5745	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	-20000.00	-3.481288	20	Pass
			NV	0	-20000.00	-3.481288	20	Pass
			NV	10	20000.00	3.481288	20	Pass
			NV	20	-20000.00	-3.481288	20	Pass
			NV	30	-20000.00	-3.481288	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5745	NV	-30	-20000.00	-3.481288	20	Pass
			NV	-20	-40000.00	-6.962576	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	20000.00	3.481288	20	Pass
			NV	10	-20000.00	-3.481288	20	Pass
			NV	20	-40000.00	-6.962576	20	Pass

11N40 MIMO			NV	30	-20000.00	-3.481288	20	Pass
			NV	40	-40000.00	-6.962576	20	Pass
			NV	50	-20000.00	-3.481288	20	Pass
	Ant1	5785	NV	-30	-20000.00	-3.457217	20	Pass
			NV	-20	-20000.00	-3.457217	20	Pass
			NV	-10	-20000.00	-3.457217	20	Pass
			NV	0	-20000.00	-3.457217	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-20000.00	-3.457217	20	Pass
			NV	30	-20000.00	-3.457217	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-20000.00	-3.457217	20	Pass
			NV	-30	-20000.00	-3.457217	20	Pass
			NV	-20	-20000.00	-3.457217	20	Pass
			NV	-10	-20000.00	-3.457217	20	Pass
	Ant2	5785	NV	0	0.00	0.000000	20	Pass
			NV	10	-20000.00	-3.457217	20	Pass
			NV	20	-20000.00	-3.457217	20	Pass
			NV	30	-40000.00	-6.914434	20	Pass
			NV	40	-40000.00	-6.914434	20	Pass
			NV	50	-20000.00	-3.457217	20	Pass
			NV	-30	-20000.00	-3.433476	20	Pass
			NV	-20	-40000.00	-6.866953	20	Pass
	Ant1	5825	NV	-10	-40000.00	-6.866953	20	Pass
			NV	0	-20000.00	-3.433476	20	Pass
			NV	10	-20000.00	-3.433476	20	Pass
			NV	20	-20000.00	-3.433476	20	Pass
			NV	30	-40000.00	-6.866953	20	Pass
			NV	40	-20000.00	-3.433476	20	Pass
			NV	50	-20000.00	-3.433476	20	Pass
			NV	-30	-20000.00	-3.433476	20	Pass
	Ant2	5825	NV	-20	-20000.00	-3.433476	20	Pass
			NV	-10	-20000.00	-3.433476	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	-40000.00	-6.866953	20	Pass
			NV	20	-20000.00	-3.433476	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	-40000.00	-6.866953	20	Pass
			NV	50	-40000.00	-6.866953	20	Pass
11N40 MIMO	Ant1	5190	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-40000.00	-7.707129	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-40000.00	-7.707129	20	Pass
	Ant2	5190	NV	-30	0.00	0.000000	20	Pass
			NV	-20	-80000.00	-15.414258	20	Pass
			NV	-10	0.00	0.000000	20	Pass

			NV	0	0.00	0.000000	20	Pass
			NV	10	-40000.00	-7.707129	20	Pass
			NV	20	-80000.00	-15.414258	20	Pass
			NV	30	-40000.00	-7.707129	20	Pass
			NV	40	-40000.00	-7.707129	20	Pass
			NV	50	-40000.00	-7.707129	20	Pass
	Ant1	5230	NV	-30	0.00	0.000000	20	Pass
			NV	-20	-80000.00	-15.296367	20	Pass
			NV	-10	-40000.00	-7.648184	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	-40000.00	-7.648184	20	Pass
			NV	20	-40000.00	-7.648184	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	0.00	0.000000	20	Pass
	Ant2	5230	NV	50	-40000.00	-7.648184	20	Pass
			NV	-30	-40000.00	-7.648184	20	Pass
			NV	-20	-40000.00	-7.648184	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	-40000.00	-7.648184	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-40000.00	-7.648184	20	Pass
	Ant1	5755	NV	40	0.00	0.000000	20	Pass
			NV	50	-80000.00	-15.296367	20	Pass
			NV	-30	0.00	0.000000	20	Pass
			NV	-20	-40000.00	-6.950478	20	Pass
			NV	-10	-40000.00	-6.950478	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	-40000.00	-6.950478	20	Pass
			NV	20	-80000.00	-13.900956	20	Pass
	Ant2	5755	NV	30	0.00	0.000000	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	0.00	0.000000	20	Pass
			NV	-30	-40000.00	-6.950478	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	40000.00	6.950478	20	Pass
			NV	10	0.00	0.000000	20	Pass
	Ant1	5795	NV	20	-40000.00	-6.950478	20	Pass
			NV	30	-40000.00	-6.950478	20	Pass
			NV	40	-40000.00	-6.950478	20	Pass
			NV	50	-40000.00	-6.950478	20	Pass
			NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	-40000.00	-6.902502	20	Pass
	Ant2	5795	NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-40000.00	-6.902502	20	Pass
			NV	40	-40000.00	-6.902502	20	Pass
			NV	50	-40000.00	-6.902502	20	Pass
			NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass

	Ant2	5795	NV	-30	-40000.00	-6.902502	20	Pass
			NV	-20	40000.00	6.902502	20	Pass
			NV	-10	-40000.00	-6.902502	20	Pass
			NV	0	-40000.00	-6.902502	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-40000.00	-6.902502	20	Pass
			NV	40	-40000.00	-6.902502	20	Pass
			NV	50	-40000.00	-6.902502	20	Pass
11AC20 MIMO	Ant1	5180	NV	-30	-20000.00	-3.861004	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	-20000.00	-3.861004	20	Pass
			NV	0	-20000.00	-3.861004	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-20000.00	-3.861004	20	Pass
			NV	30	-20000.00	-3.861004	20	Pass
			NV	40	-20000.00	-3.861004	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5180	NV	-30	0.00	0.000000	20	Pass
			NV	-20	-20000.00	-3.861004	20	Pass
			NV	-10	-20000.00	-3.861004	20	Pass
			NV	0	-20000.00	-3.861004	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-40000.00	-7.722008	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	-20000.00	-3.861004	20	Pass
			NV	50	-20000.00	-3.861004	20	Pass
	Ant1	5200	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	-40000.00	-7.692308	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	20000.00	3.846154	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5200	NV	-30	-20000.00	-3.846154	20	Pass
			NV	-20	-20000.00	-3.846154	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	-20000.00	-3.846154	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-20000.00	-3.846154	20	Pass
	Ant1	5240	NV	-30	-20000.00	-3.816794	20	Pass
			NV	-20	-20000.00	-3.816794	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass

			NV	30	0.00	0.000000	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5240	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	-20000.00	-3.816794	20	Pass
			NV	0	-20000.00	-3.816794	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-20000.00	-3.816794	20	Pass
			NV	30	-20000.00	-3.816794	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant1	5745	NV	-30	-20000.00	-3.481288	20	Pass
			NV	-20	-20000.00	-3.481288	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-20000.00	-3.481288	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	-40000.00	-6.962576	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5745	NV	-30	0.00	0.000000	20	Pass
			NV	-20	-20000.00	-3.481288	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	0.00	0.000000	20	Pass
	Ant1	5785	NV	50	-20000.00	-3.481288	20	Pass
			NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	20000.00	3.457217	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-20000.00	-3.457217	20	Pass
			NV	40	-20000.00	-3.457217	20	Pass
	Ant2	5785	NV	50	0.00	0.000000	20	Pass
			NV	-30	-20000.00	-3.457217	20	Pass
			NV	-20	-20000.00	-3.457217	20	Pass
			NV	-10	-20000.00	-3.457217	20	Pass
			NV	0	-20000.00	-3.457217	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	-20000.00	-3.457217	20	Pass
	Ant1	5825	NV	50	0.00	0.000000	20	Pass
			NV	-30	-20000.00	-3.433476	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass

11AC40 MIMO	Ant2	5825	NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-20000.00	-3.433476	20	Pass
		5825	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	-20000.00	-3.433476	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-20000.00	-3.433476	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	-40000.00	-6.866953	20	Pass
			NV	50	-20000.00	-3.433476	20	Pass
		5190	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	160000.00	30.828516	20	Pass
			NV	10	-40000.00	-7.707129	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	40000.00	7.707129	20	Pass
			NV	50	-40000.00	-7.707129	20	Pass
	Ant2	5190	NV	-30	0.00	0.000000	20	Pass
			NV	-20	-40000.00	-7.707129	20	Pass
			NV	-10	40000.00	7.707129	20	Pass
			NV	0	-40000.00	-7.707129	20	Pass
			NV	10	-80000.00	-15.414258	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	-40000.00	-7.707129	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant1	5230	NV	-30	-40000.00	-7.648184	20	Pass
			NV	-20	-40000.00	-7.648184	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-40000.00	-7.648184	20	Pass
			NV	30	80000.00	15.296367	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5230	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-40000.00	-7.648184	20	Pass
			NV	40	-40000.00	-7.648184	20	Pass
			NV	50	-80000.00	-15.296367	20	Pass

11AC80 MIMO	Ant1	5755	NV	-30	-40000.00	-6.950478	20	Pass
			NV	-20	-40000.00	-6.950478	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-40000.00	-6.950478	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5755	NV	-30	40000.00	6.950478	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	40000.00	6.950478	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant1	5795	NV	-30	0.00	0.000000	20	Pass
			NV	-20	-40000.00	-6.902502	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	-40000.00	-6.902502	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-40000.00	-6.902502	20	Pass
			NV	40	-40000.00	-6.902502	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5795	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	-40000.00	-6.902502	20	Pass
			NV	10	-40000.00	-6.902502	20	Pass
			NV	20	-40000.00	-6.902502	20	Pass
			NV	30	40000.00	6.902502	20	Pass
			NV	40	-40000.00	-6.902502	20	Pass
			NV	50	-40000.00	-6.902502	20	Pass
11AC80 MIMO	Ant1	5210	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	-80000.00	-15.355086	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5210	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	80000.00	15.355086	20	Pass
			NV	20	0.00	0.000000	20	Pass

11AX20 MIMO			NV	30	0.00	0.000000	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	80000.00	15.355086	20	Pass
	Ant1	5775	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-80000.00	-13.852814	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	0.00	0.000000	20	Pass
			NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
	Ant2	5775	NV	0	0.00	0.000000	20	Pass
			NV	10	-80000.00	-13.852814	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	80000.00	13.852814	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-80000.00	-13.852814	20	Pass
			NV	-30	0.00	0.000000	20	Pass
			NV	-20	-20000.00	-3.861004	20	Pass
			NV	-10	-20000.00	-3.861004	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	-20000.00	-3.861004	20	Pass
			NV	20	-20000.00	-3.861004	20	Pass
11AX20 MIMO	Ant1	5180	NV	30	0.00	0.000000	20	Pass
			NV	40	-20000.00	-3.861004	20	Pass
			NV	50	-20000.00	-3.861004	20	Pass
			NV	-30	-20000.00	-3.861004	20	Pass
			NV	-20	-20000.00	-3.861004	20	Pass
			NV	-10	-20000.00	-3.861004	20	Pass
			NV	0	-20000.00	-3.861004	20	Pass
			NV	10	-20000.00	-3.861004	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-20000.00	-3.861004	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-20000.00	-3.861004	20	Pass
	Ant2	5180	NV	-30	-20000.00	-3.861004	20	Pass
			NV	-20	-20000.00	-3.861004	20	Pass
			NV	-10	-20000.00	-3.861004	20	Pass
			NV	0	-20000.00	-3.861004	20	Pass
			NV	10	-20000.00	-3.861004	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-20000.00	-3.861004	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-20000.00	-3.861004	20	Pass
	Ant1	5200	NV	-30	-20000.00	-3.846154	20	Pass
			NV	-20	-20000.00	-3.846154	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	-20000.00	-3.846154	20	Pass
			NV	10	-20000.00	-3.846154	20	Pass
			NV	20	-20000.00	-3.846154	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5200	NV	-30	-20000.00	-3.846154	20	Pass
			NV	-20	-20000.00	-3.846154	20	Pass
			NV	-10	-20000.00	-3.846154	20	Pass

			NV	0	-20000.00	-3.846154	20	Pass
			NV	10	-20000.00	-3.846154	20	Pass
			NV	20	-20000.00	-3.846154	20	Pass
			NV	30	-20000.00	-3.846154	20	Pass
			NV	40	-20000.00	-3.846154	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant1	5240	NV	-30	-20000.00	-3.816794	20	Pass
			NV	-20	-20000.00	-3.816794	20	Pass
			NV	-10	-20000.00	-3.816794	20	Pass
			NV	0	-20000.00	-3.816794	20	Pass
			NV	10	-20000.00	-3.816794	20	Pass
			NV	20	-20000.00	-3.816794	20	Pass
			NV	30	-20000.00	-3.816794	20	Pass
			NV	40	-20000.00	-3.816794	20	Pass
			NV	50	-20000.00	-3.816794	20	Pass
	Ant2	5240	NV	-30	-20000.00	-3.816794	20	Pass
			NV	-20	-20000.00	-3.816794	20	Pass
			NV	-10	-20000.00	-3.816794	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	-20000.00	-3.816794	20	Pass
			NV	20	-20000.00	-3.816794	20	Pass
			NV	30	-20000.00	-3.816794	20	Pass
			NV	40	-20000.00	-3.816794	20	Pass
			NV	50	-20000.00	-3.816794	20	Pass
	Ant1	5745	NV	-30	-20000.00	-3.481288	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	-20000.00	-3.481288	20	Pass
			NV	0	-20000.00	-3.481288	20	Pass
			NV	10	-20000.00	-3.481288	20	Pass
			NV	20	-20000.00	-3.481288	20	Pass
			NV	30	-20000.00	-3.481288	20	Pass
			NV	40	-20000.00	-3.481288	20	Pass
			NV	50	-20000.00	-3.481288	20	Pass
	Ant2	5745	NV	-30	-20000.00	-3.481288	20	Pass
			NV	-20	-20000.00	-3.481288	20	Pass
			NV	-10	-20000.00	-3.481288	20	Pass
			NV	0	-20000.00	-3.481288	20	Pass
			NV	10	-20000.00	-3.481288	20	Pass
			NV	20	-20000.00	-3.481288	20	Pass
			NV	30	-20000.00	-3.481288	20	Pass
			NV	40	-20000.00	-3.481288	20	Pass
			NV	50	-20000.00	-3.481288	20	Pass
	Ant1	5785	NV	-30	-20000.00	-3.457217	20	Pass
			NV	-20	-20000.00	-3.457217	20	Pass
			NV	-10	-20000.00	-3.457217	20	Pass
			NV	0	-20000.00	-3.457217	20	Pass
			NV	10	-20000.00	-3.457217	20	Pass
			NV	20	-20000.00	-3.457217	20	Pass
			NV	30	-20000.00	-3.457217	20	Pass
			NV	40	-20000.00	-3.457217	20	Pass
			NV	50	-20000.00	-3.457217	20	Pass

11AX40 MIMO	Ant2	5785	NV	-30	-20000.00	-3.457217	20	Pass
			NV	-20	-20000.00	-3.457217	20	Pass
			NV	-10	-20000.00	-3.457217	20	Pass
			NV	0	-20000.00	-3.457217	20	Pass
			NV	10	-20000.00	-3.457217	20	Pass
			NV	20	-20000.00	-3.457217	20	Pass
			NV	30	-20000.00	-3.457217	20	Pass
			NV	40	-20000.00	-3.457217	20	Pass
			NV	50	-20000.00	-3.457217	20	Pass
	Ant1	5825	NV	-30	-20000.00	-3.433476	20	Pass
			NV	-20	-20000.00	-3.433476	20	Pass
			NV	-10	-20000.00	-3.433476	20	Pass
			NV	0	-20000.00	-3.433476	20	Pass
			NV	10	-20000.00	-3.433476	20	Pass
			NV	20	-20000.00	-3.433476	20	Pass
			NV	30	-40000.00	-6.866953	20	Pass
			NV	40	-20000.00	-3.433476	20	Pass
			NV	50	-20000.00	-3.433476	20	Pass
	Ant2	5825	NV	-30	-20000.00	-3.433476	20	Pass
			NV	-20	-20000.00	-3.433476	20	Pass
			NV	-10	-20000.00	-3.433476	20	Pass
			NV	0	-20000.00	-3.433476	20	Pass
			NV	10	-20000.00	-3.433476	20	Pass
			NV	20	-20000.00	-3.433476	20	Pass
			NV	30	-20000.00	-3.433476	20	Pass
			NV	40	-20000.00	-3.433476	20	Pass
			NV	50	-20000.00	-3.433476	20	Pass
	Ant1	5190	NV	-30	-40000.00	-7.707129	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	-40000.00	-7.707129	20	Pass
			NV	0	40000.00	7.707129	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-40000.00	-7.707129	20	Pass
			NV	30	-40000.00	-7.707129	20	Pass
			NV	40	40000.00	7.707129	20	Pass
			NV	50	-40000.00	-7.707129	20	Pass
	Ant2	5190	NV	-30	-40000.00	-7.707129	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	-40000.00	-7.707129	20	Pass
			NV	0	-40000.00	-7.707129	20	Pass
			NV	10	-40000.00	-7.707129	20	Pass
			NV	20	-40000.00	-7.707129	20	Pass
			NV	30	-80000.00	-15.414258	20	Pass
			NV	40	-40000.00	-7.707129	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant1	5230	NV	-30	-40000.00	-7.648184	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	-40000.00	-7.648184	20	Pass
			NV	0	-40000.00	-7.648184	20	Pass
			NV	10	40000.00	7.648184	20	Pass
			NV	20	-40000.00	-7.648184	20	Pass

			NV	30	-40000.00	-7.648184	20	Pass
			NV	40	-40000.00	-7.648184	20	Pass
			NV	50	-40000.00	-7.648184	20	Pass
	Ant2	5230	NV	-30	-40000.00	-7.648184	20	Pass
			NV	-20	-40000.00	-7.648184	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	-40000.00	-7.648184	20	Pass
			NV	20	-40000.00	-7.648184	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	-40000.00	-7.648184	20	Pass
			NV	50	-40000.00	-7.648184	20	Pass
	Ant1	5755	NV	-30	-40000.00	-6.950478	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	-40000.00	-6.950478	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-40000.00	-6.950478	20	Pass
			NV	30	-40000.00	-6.950478	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-40000.00	-6.950478	20	Pass
	Ant2	5755	NV	-30	-80000.00	-13.900956	20	Pass
			NV	-20	-40000.00	-6.950478	20	Pass
			NV	-10	-40000.00	-6.950478	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	-40000.00	-6.950478	20	Pass
			NV	20	-40000.00	-6.950478	20	Pass
			NV	30	80000.00	13.900956	20	Pass
			NV	40	0.00	0.000000	20	Pass
	Ant1	5795	NV	50	0.00	0.000000	20	Pass
			NV	-30	-40000.00	-6.902502	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	-40000.00	-6.902502	20	Pass
			NV	0	-40000.00	-6.902502	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-40000.00	-6.902502	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	40000.00	6.902502	20	Pass
	Ant2	5795	NV	-30	-80000.00	-13.805004	20	Pass
			NV	-20	-40000.00	-6.902502	20	Pass
			NV	-10	-40000.00	-6.902502	20	Pass
			NV	0	-40000.00	-6.902502	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-40000.00	-6.902502	20	Pass
			NV	40	-40000.00	-6.902502	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant1	5210	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass

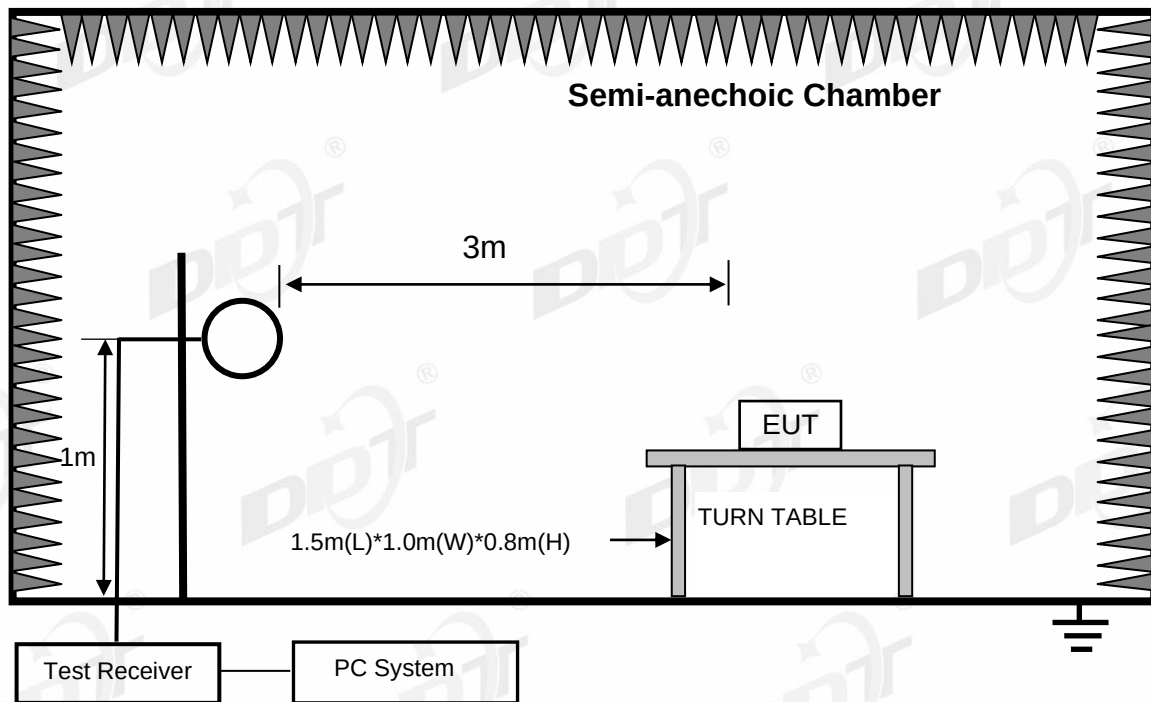
11AX80
MIMO

			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	-80000.00	-15.355086	20	Pass
			NV	30	80000.00	15.355086	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	0.00	0.000000	20	Pass
	Ant2	5210	NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	-80000.00	-15.355086	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-80000.00	-15.355086	20	Pass
			NV	40	-80000.00	-15.355086	20	Pass
	Ant1	5775	NV	50	0.00	0.000000	20	Pass
			NV	-30	-80000.00	-13.852814	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	0.00	0.000000	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	0.00	0.000000	20	Pass
			NV	30	-80000.00	-13.852814	20	Pass
	Ant2	5775	NV	40	80000.00	13.852814	20	Pass
			NV	50	0.00	0.000000	20	Pass
			NV	-30	0.00	0.000000	20	Pass
			NV	-20	0.00	0.000000	20	Pass
			NV	-10	0.00	0.000000	20	Pass
			NV	0	-80000.00	-13.852814	20	Pass
			NV	10	0.00	0.000000	20	Pass
			NV	20	80000.00	13.852814	20	Pass
			NV	30	0.00	0.000000	20	Pass
			NV	40	0.00	0.000000	20	Pass
			NV	50	-80000.00	-13.852814	20	Pass

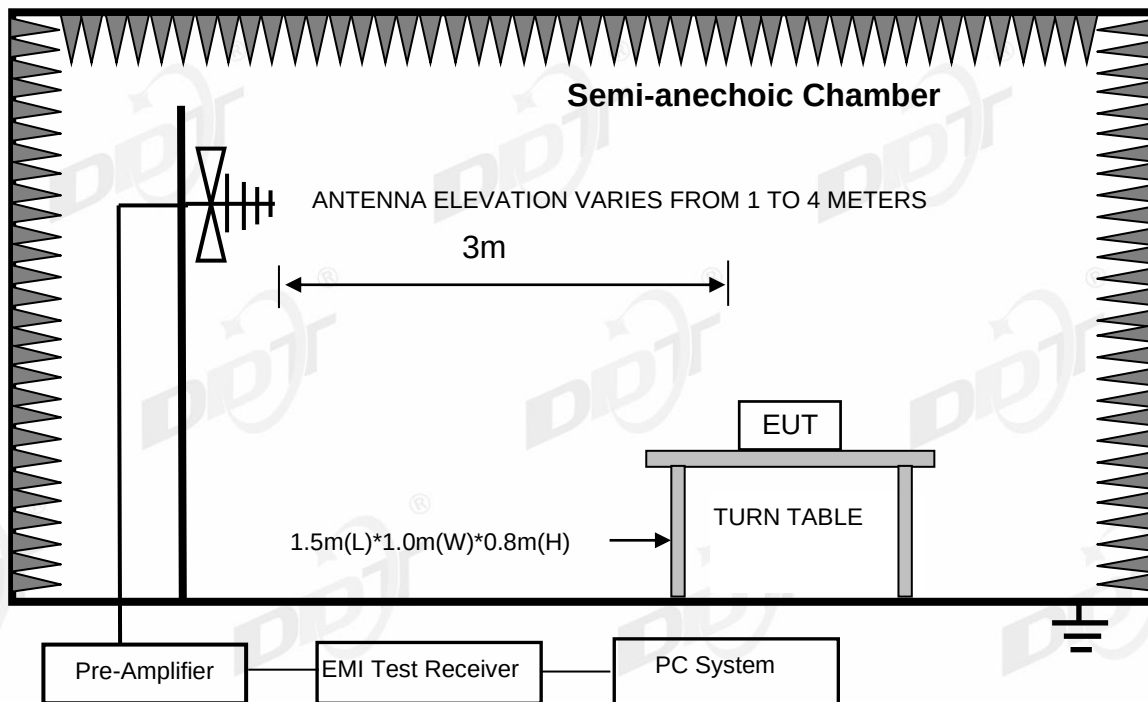
8. Spurious Emissions

8.1. Block diagram of test setup

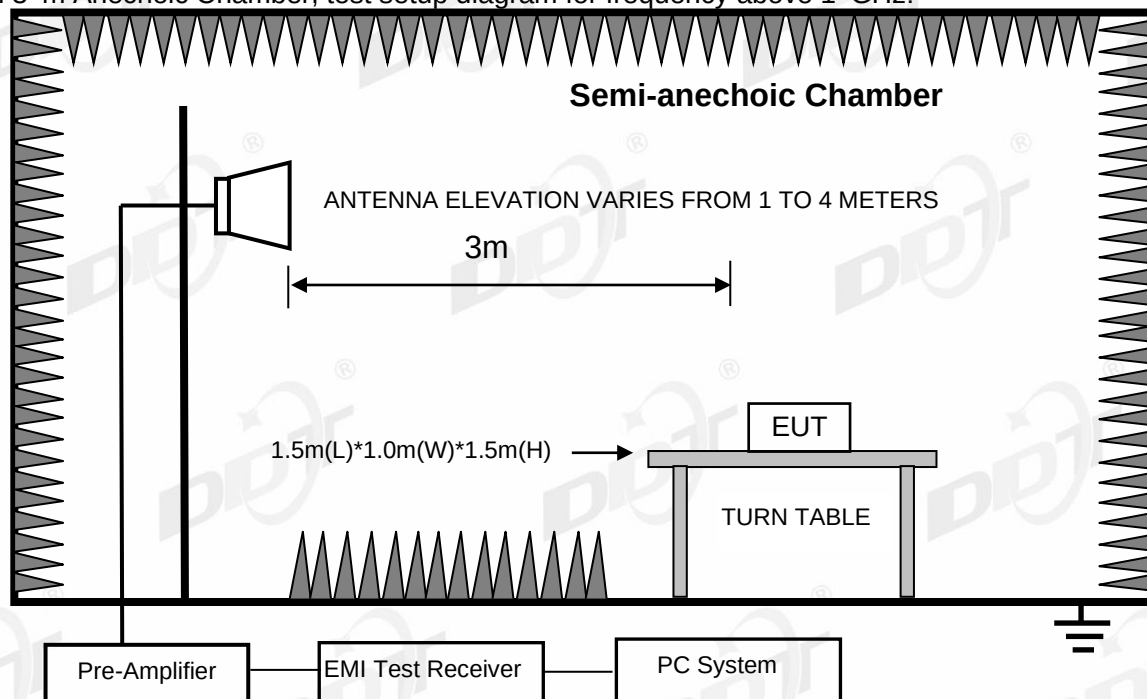
In 3 m Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



In 3 m Anechoic Chamber, test setup diagram for 30 MHz - 1 GHz:



In 3 m Anechoic Chamber, test setup diagram for frequency above 1 GHz:



Note: For harmonic emissions test an appropriate high pass filter was inserted in the input port of AMP.

8.2. Limit

8.2.1 FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.2072&4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6

8.2.2 RSS-GEN Restricted frequency band*

MHz	MHz	MHz	GHz
0.090 - 0.110	13.36 - 13.41	960 - 1427	9.0 - 9.2
0.495 - 0.505	16.42 - 16.423	1435 - 1626.5	9.3 - 9.5
2.1735 - 2.1905	16.69475 - 16.69525	1645.5 - 1646.5	10.6 - 12.7
3.020 - 3.026	16.80425 - 16.80475	1660 - 1710	13.25 - 13.4
4.125 - 4.128	25.5 - 25.67	1718.8 - 1722.2	14.47 - 14.5
4.17725 - 4.17775	37.5 - 38.25	2200 - 2300	15.35 - 16.2
4.20725 - 4.20775	73 - 74.6	2310 - 2390	17.7 - 21.4
5.677 - 5.683	74.8 - 75.2	2483.5 - 2500	22.01 - 23.12
6.215 - 6.218	108 - 138	2655 - 2900	23.6 - 24.0
6.26775 - 6.26825	149.9 - 150.05	3260 - 3267	31.2 - 31.8
6.31175 - 6.31225	156.52475 - 156.52525	3332 - 3339	36.43 - 36.5
8.291 - 8.294	156.7 - 156.9	3345.8 - 3358	Above 38.6
8.362 - 8.366	162.0125 - 167.17	3500 - 4400	
8.37625 - 8.38675	167.72 - 173.2	4500 - 5150	
8.41425 - 8.41475	240 - 285	5350 - 5460	
12.29 - 12.293	322 - 335.4	7250 - 7750	
12.51975 - 12.52025	399.9 - 410	8025 - 8500	
12.57675 - 12.57725	608 - 614	--	

* Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

8.2.3 FCC 15.209 & RSS-GEN Limit.

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/m
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Note: (1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz and above 1000 MHz. Radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30 MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3m}(\text{dBuV/m}) = \text{Limit}_{30m}(\text{dBuV/m}) + 40\text{Log}(30m/3m)$$

8.2.4 Limit for this EUT

All the emissions appearing within 15.205 & RSS-GEN restricted frequency bands shall not exceed the limits shown in 15.209 & RSS-GEN, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits.

8.3. Test procedure

- (1) EUT height should be 0.8 m for below 1 GHz at a semi - anechoic chamber while EUT height should be 1.5 m for above 1 GHz at full chamber or semi - anechoic chamber ground with absorbers
- (2) Setup EUT and assistant system according clause 2.3 and 8.2
- (3) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test distance
9 kHz - 30 MHz	Active Loop antenna	3 m
30 MHz - 1 GHz	Trilog Broadband Antenna	3 m
1 GHz - 18 GHz	Double Ridged Horn Antenna (1 GHz - 18 GHz)	3 m
18 GHz - 40 GHz	Horn Antenna (18 GHz - 40 GHz)	1 m

According ANSI C63.10:2013 clause 6.4.4.2 and 6.5.3, for measurements below 30 MHz, the loop antenna was positioned with its plane vertical from the EUT and rotated about its vertical axis for maximum response at each azimuth position around the EUT. And the loop antenna also is positioned with its plane horizontal at the specified distance from the EUT. The center of the loop is 1 m above the ground. For measurement above 30 MHz, the Trilog Broadband Antenna or Horn Antenna was located 3 m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

- (4) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 40 GHz:

- (a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degree, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1 m above ground.)

- (b) Change work frequency or channel of device if practicable.

- (c) Change modulation type of device if practicable.

- (d) Change power supply range from 85% to 115% of the rated supply voltage

- (e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions. Spectrum frequency from 9 kHz to 40 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 9

kHz to 30 MHz and 18 GHz to 40 GHz, so below final test was performed with frequency range from 30 MHz to 18 GHz.

- (5) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10:2013 on Radiated Emission test.
- (6) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9 - 90 kHz, 110 - 490 kHz, for emissions from 9 kHz - 90 kHz, 110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.
- (7) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW

Frequency band	RBW
9 kHz - 150 kHz	200 Hz
150 kHz - 30 MHz	9 kHz
30 MHz - 1 GHz	120 kHz

- (8) For emissions above 1 GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3 MHz for Peak measure, according ANSI C63.10:2013 clause 4.1.4.2.2 procedure for average measure.

8.4. Test result

Pass. (See below detailed test result)

All the emissions except fundamental emission from 9 kHz to 25 GHz were comply with 15.209 & RSS-GEN limit.

Note1: According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

Note2: For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in 11a mode.

Note3: For emissions above 1 GHz. Scan with 11a mode, 11n HT20, 11n HT40, 11ac HT20, 11ac HT40 and 11ac HT80 mode, ANT 1 and ANT 2, the worst case is 11a ANT 1 mode. All the emissions were comply with 54 dBμV/m for Average value in 15.209, so both for the restricted bands and non-restricted bands, all the emissions were comply with the limit. Other emission levels are attenuated 20 dB below the limit, so it does not record in the report.

Radiated Emission test (below 1 GHz)

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
BELOW 1G.EM6

Test Date : 2022-03-02

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

Test Mode : Tx Mode

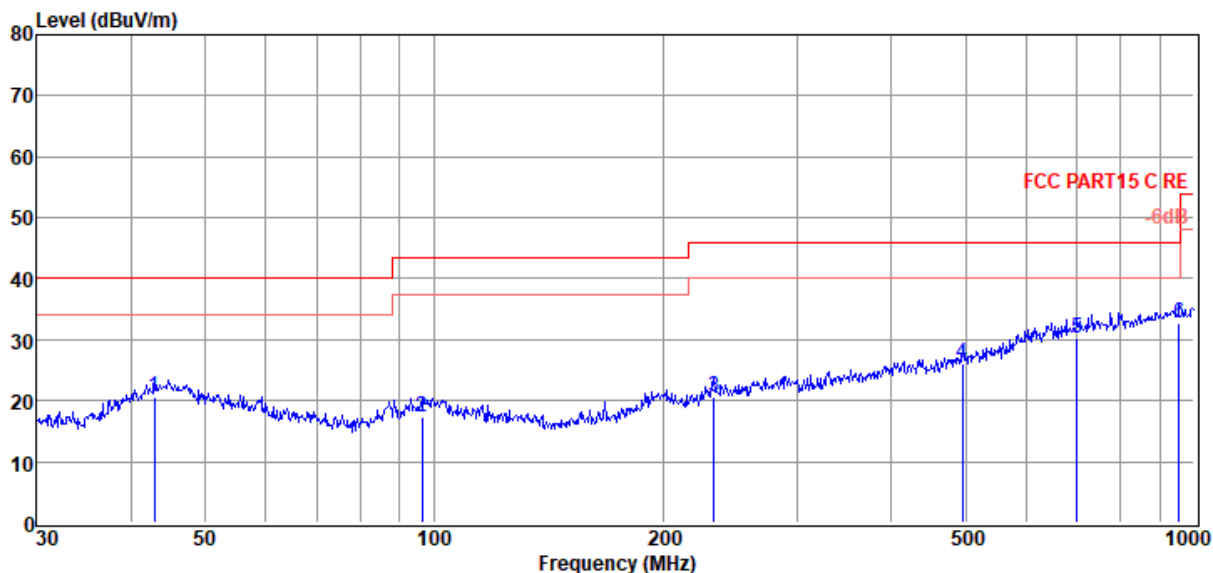
Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 VLUB 9163 3#/3m/HORIZONTAL

Memo :

Data:

3



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	42.90	2.76	14.34	3.63	20.73	40.00	-19.27	QP	HORIZONTAL
2	96.44	2.18	11.29	3.96	17.43	43.50	-26.07	QP	HORIZONTAL
3	233.35	3.86	12.20	4.59	20.65	46.00	-25.35	QP	HORIZONTAL
4	495.93	3.67	16.94	5.47	26.08	46.00	-19.92	QP	HORIZONTAL
5	701.76	4.79	19.50	5.99	30.28	46.00	-15.72	QP	HORIZONTAL
6	955.44	3.82	22.19	6.60	32.61	46.00	-13.39	QP	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
BELOW 1G.EM6

Test Date : 2022-03-02

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

Test Mode : Tx Mode

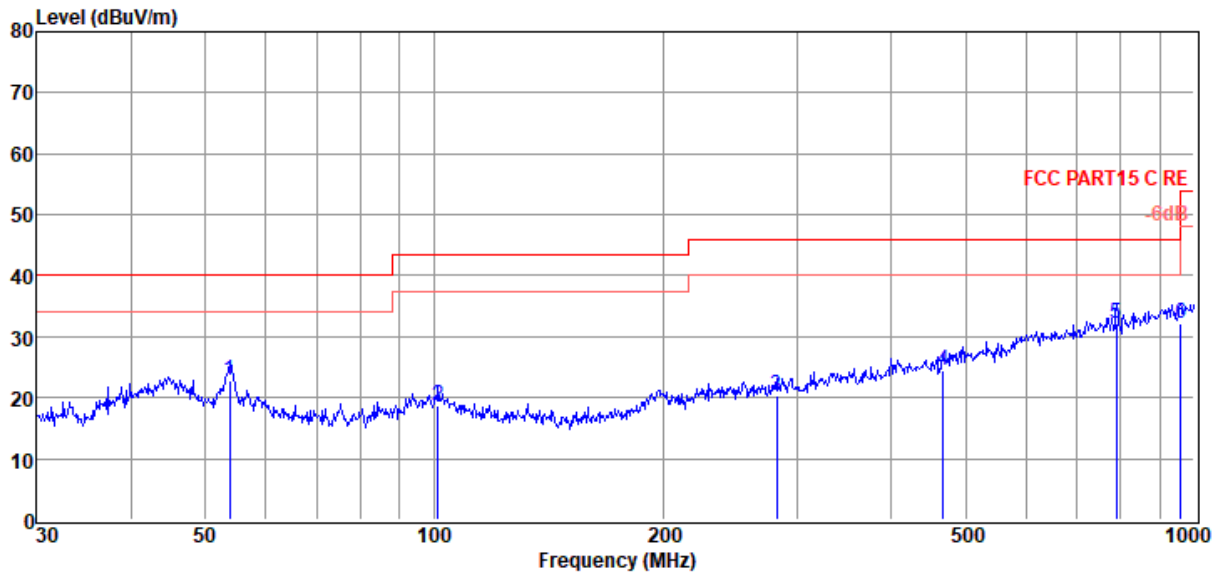
Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 VLUB 9163 3#/3m/VERTICAL

Memo :

Data:

4



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	53.88	6.87	12.11	3.70	22.68	40.00	-17.32	QP	VERTICAL
2	101.29	3.00	11.60	3.99	18.59	43.50	-24.91	QP	VERTICAL
3	282.00	2.57	12.88	4.76	20.21	46.00	-25.79	QP	VERTICAL
4	467.24	2.92	16.04	5.38	24.34	46.00	-21.66	QP	VERTICAL
5	790.62	5.29	20.61	6.20	32.10	46.00	-13.90	QP	VERTICAL
6	958.79	3.53	22.12	6.62	32.27	46.00	-13.73	QP	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Radiated Emission test (above 1 GHz)

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

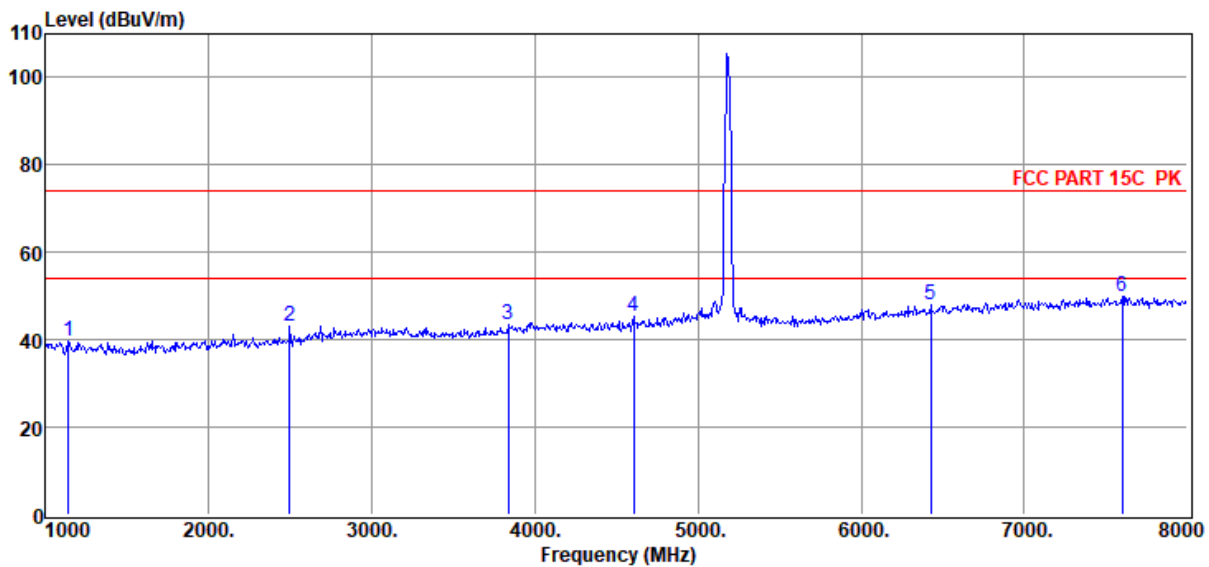
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5180

Data: 21



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1140.00	50.55	25.47	38.11	1.18	0.53	39.62	74.00	-34.38	Peak	HORIZONTAL
2	2498.00	52.60	27.60	39.65	1.74	0.73	43.02	74.00	-30.98	Peak	HORIZONTAL
3	3835.00	50.24	30.54	40.15	1.97	0.85	43.45	74.00	-30.55	Peak	HORIZONTAL
4	4605.00	50.51	31.84	40.32	2.40	0.89	45.32	74.00	-28.68	Peak	HORIZONTAL
5	6425.00	48.77	35.02	40.16	3.23	1.05	47.91	74.00	-26.09	Peak	HORIZONTAL
6	7601.00	48.98	36.52	39.76	3.15	1.08	49.97	74.00	-24.03	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

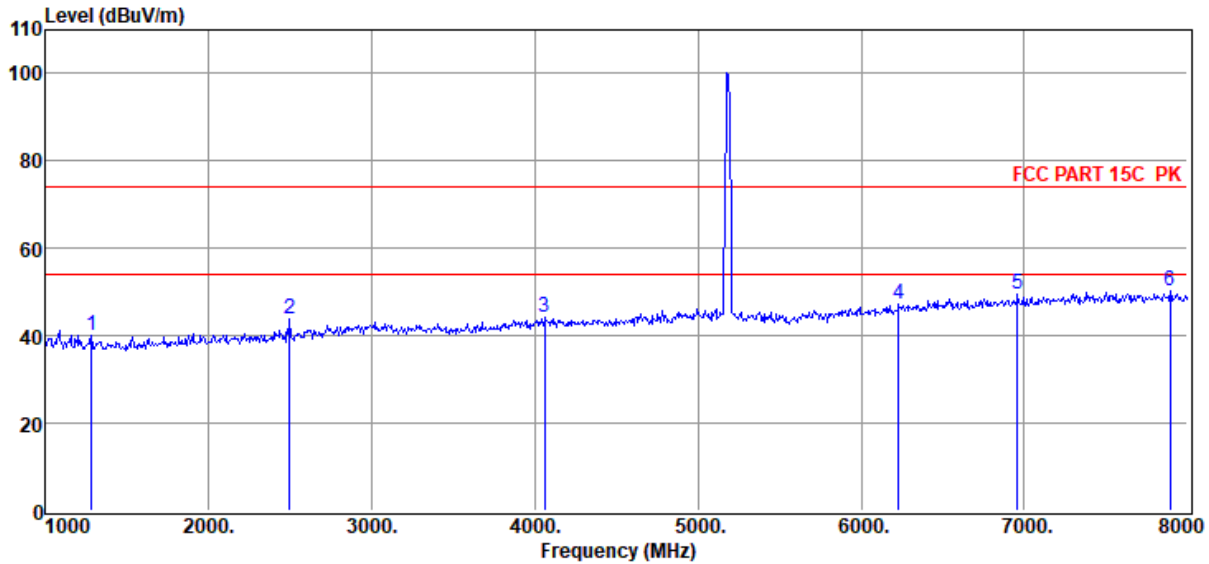
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5180

Data: 22



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1280.00	51.20	25.44	38.32	1.26	0.55	40.13	74.00	-33.87	Peak	VERTICAL
2	2498.00	53.30	27.60	39.65	1.74	0.73	43.72	74.00	-30.28	Peak	VERTICAL
3	4059.00	50.37	31.15	40.21	2.14	0.86	44.31	74.00	-29.69	Peak	VERTICAL
4	6229.00	48.72	34.55	40.32	3.14	1.09	47.18	74.00	-26.82	Peak	VERTICAL
5	6957.00	49.35	35.93	39.73	3.04	0.94	49.53	74.00	-24.47	Peak	VERTICAL
6	7895.00	48.88	36.87	39.79	3.18	1.15	50.29	74.00	-23.71	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

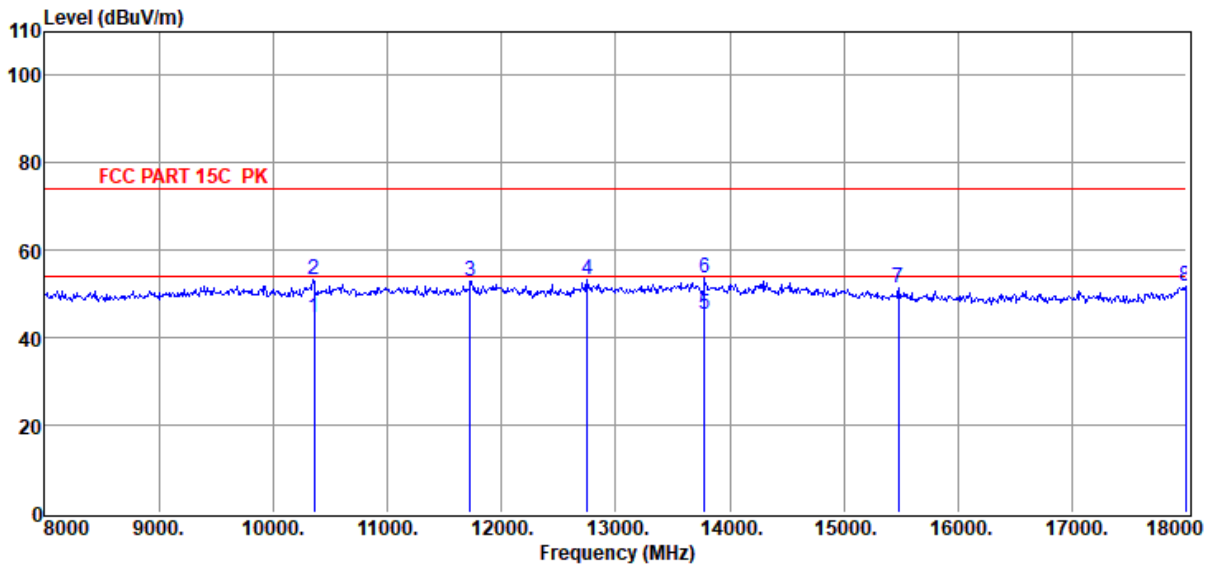
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5180

Data: 23



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	10360.00	39.75	38.83	40.46	3.67	2.89	44.68	54.00	-9.32	Average	HORIZONTAL
2	10360.00	48.48	38.83	40.46	3.67	2.89	53.41	74.00	-20.59	Peak	HORIZONTAL
3	11730.00	47.39	39.09	40.13	4.01	2.44	52.80	74.00	-21.20	Peak	HORIZONTAL
4	12750.00	47.74	39.30	40.33	4.06	2.58	53.35	74.00	-20.65	Peak	HORIZONTAL
5	13780.00	38.11	39.94	39.85	4.29	2.68	45.17	54.00	-8.83	Average	HORIZONTAL
6	13780.00	46.51	39.94	39.85	4.29	2.68	53.57	74.00	-20.43	Peak	HORIZONTAL
7	15480.00	45.12	38.83	39.74	4.56	2.49	51.26	74.00	-22.74	Peak	HORIZONTAL
8	17990.00	42.60	42.44	40.69	4.96	2.62	51.93	74.00	-22.07	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

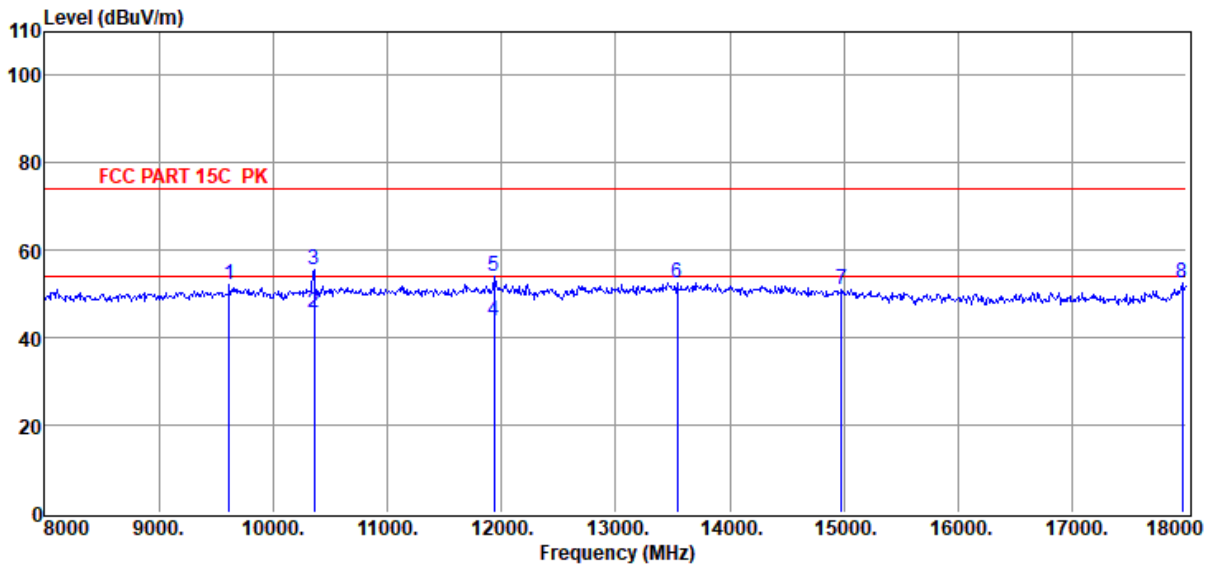
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5180

Data: 24



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	9620.00	47.32	38.63	40.33	3.63	2.95	52.20	74.00	-21.80	Peak	VERTICAL
2	10360.00	40.90	38.83	40.46	3.67	2.89	45.83	54.00	-8.17	Average	VERTICAL
3	10360.00	50.55	38.83	40.46	3.67	2.89	55.48	74.00	-18.52	Peak	VERTICAL
4	11940.00	38.32	39.18	40.11	4.04	2.38	43.81	54.00	-10.19	Average	VERTICAL
5	11940.00	48.50	39.18	40.11	4.04	2.38	53.99	74.00	-20.01	Peak	VERTICAL
6	13540.00	45.97	39.99	40.02	4.03	2.67	52.64	74.00	-21.36	Peak	VERTICAL
7	14980.00	44.30	39.52	39.60	4.47	2.40	51.09	74.00	-22.91	Peak	VERTICAL
8	17960.00	43.53	42.25	40.68	4.95	2.64	52.69	74.00	-21.31	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

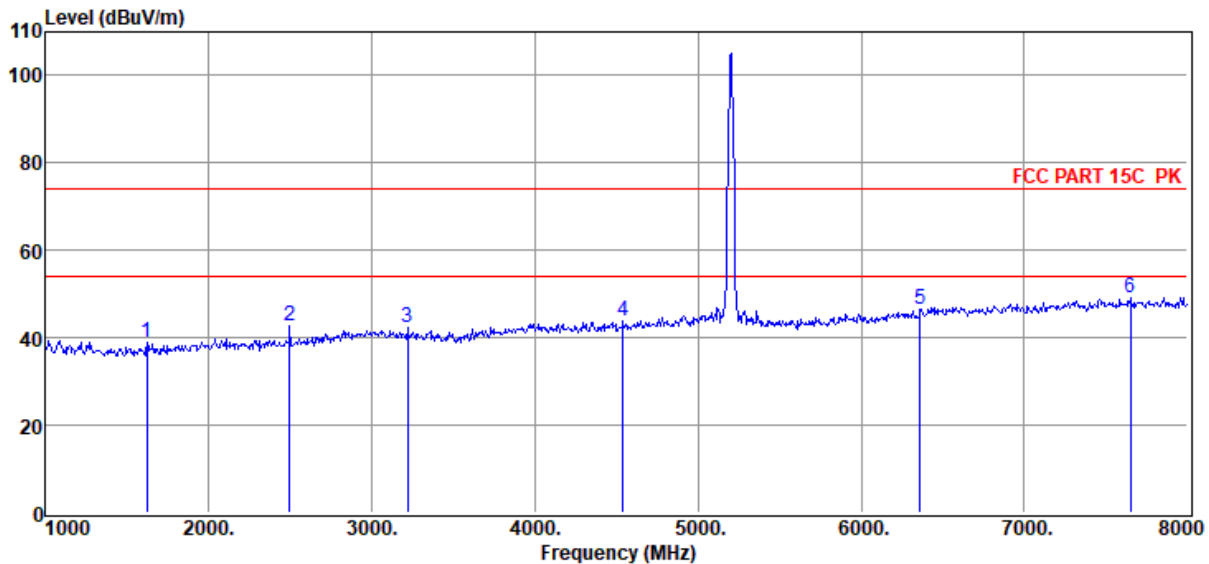
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5200

Data: 25



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1623.00	50.16	25.72	38.83	1.43	0.61	39.09	74.00	-34.91	Peak	HORIZONTAL
2	2498.00	52.13	27.60	39.65	1.74	0.73	42.55	74.00	-31.45	Peak	HORIZONTAL
3	3219.00	50.27	29.46	39.97	1.79	0.81	42.36	74.00	-31.64	Peak	HORIZONTAL
4	4542.00	49.17	31.63	40.31	2.38	0.89	43.76	74.00	-30.24	Peak	HORIZONTAL
5	6362.00	47.55	34.87	40.21	3.20	1.06	46.47	74.00	-27.53	Peak	HORIZONTAL
6	7650.00	48.17	36.58	39.76	3.16	1.09	49.24	74.00	-24.76	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

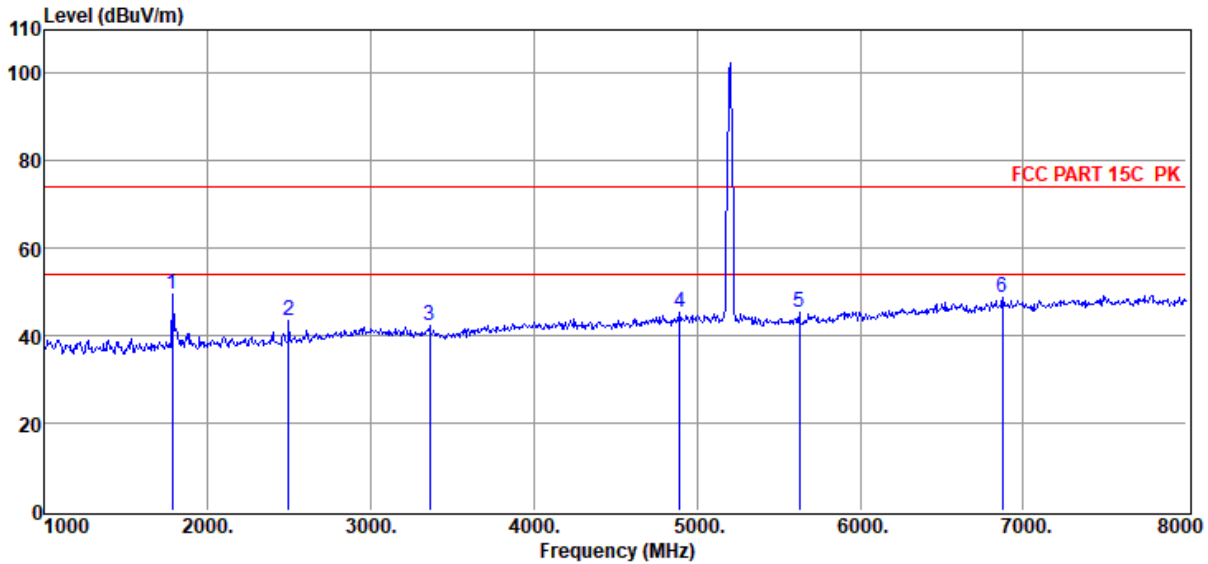
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5200

Data: 26



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1784.00	60.50	26.14	39.08	1.50	0.64	49.70	74.00	-24.30	Peak	VERTICAL
2	2498.00	53.16	27.60	39.65	1.74	0.73	43.58	74.00	-30.42	Peak	VERTICAL
3	3359.00	50.24	29.43	40.01	1.74	0.82	42.22	74.00	-31.78	Peak	VERTICAL
4	4892.00	49.63	32.75	40.38	2.50	0.90	45.40	74.00	-28.60	Peak	VERTICAL
5	5627.00	48.96	33.10	40.46	2.69	1.05	45.34	74.00	-28.66	Peak	VERTICAL
6	6873.00	48.63	35.80	39.80	3.08	0.96	48.67	74.00	-25.33	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

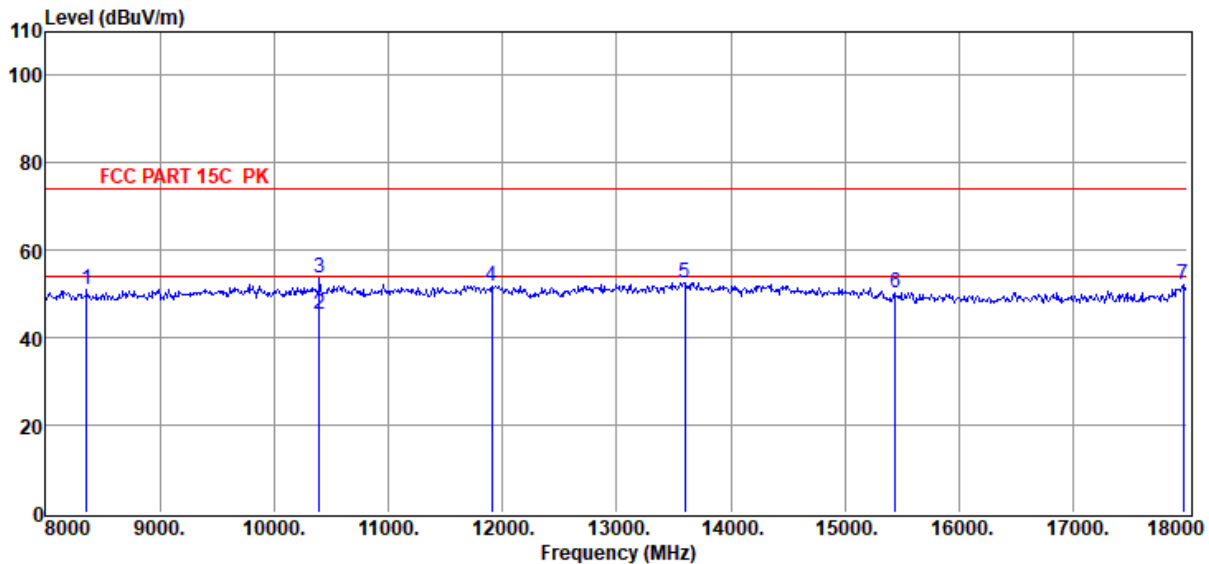
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5200

Data: 27



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	8360.00	47.28	37.58	39.84	3.21	2.75	50.98	74.00	-23.02	Peak	HORIZONTAL
2	10400.00	40.39	38.88	40.44	3.67	2.87	45.37	54.00	-8.63	Average	HORIZONTAL
3	10400.00	48.84	38.88	40.44	3.67	2.87	53.82	74.00	-20.18	Peak	HORIZONTAL
4	11910.00	46.46	39.16	40.11	4.04	2.39	51.94	74.00	-22.06	Peak	HORIZONTAL
5	13600.00	45.87	39.98	39.98	4.10	2.67	52.64	74.00	-21.36	Peak	HORIZONTAL
6	15440.00	44.26	38.88	39.73	4.55	2.48	50.44	74.00	-23.56	Peak	HORIZONTAL
7	17960.00	43.01	42.25	40.68	4.95	2.64	52.17	74.00	-21.83	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

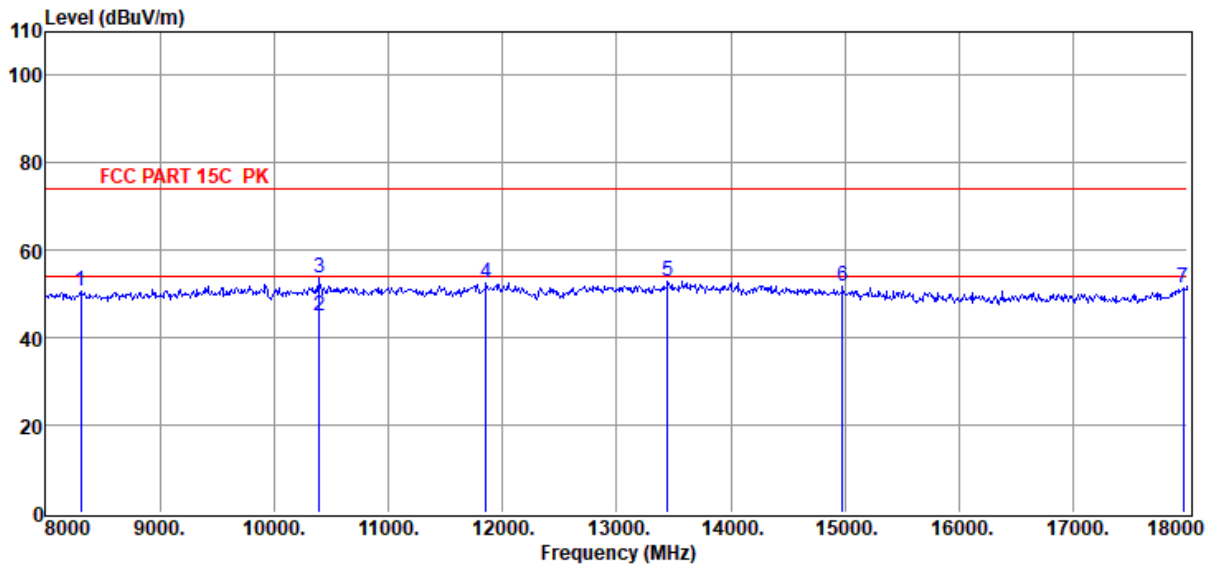
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5200

Data: 28



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	8310.00	47.05	37.50	39.83	3.21	2.74	50.67	74.00	-23.33	Peak	VERTICAL
2	10400.00	39.96	38.88	40.44	3.67	2.87	44.94	54.00	-9.06	Average	VERTICAL
3	10400.00	48.73	38.88	40.44	3.67	2.87	53.71	74.00	-20.29	Peak	VERTICAL
4	11860.00	47.24	39.14	40.11	4.03	2.40	52.70	74.00	-21.30	Peak	VERTICAL
5	13450.00	46.41	39.96	40.09	4.03	2.67	52.98	74.00	-21.02	Peak	VERTICAL
6	14980.00	44.92	39.52	39.60	4.47	2.40	51.71	74.00	-22.29	Peak	VERTICAL
7	17960.00	42.32	42.25	40.68	4.95	2.64	51.48	74.00	-22.52	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

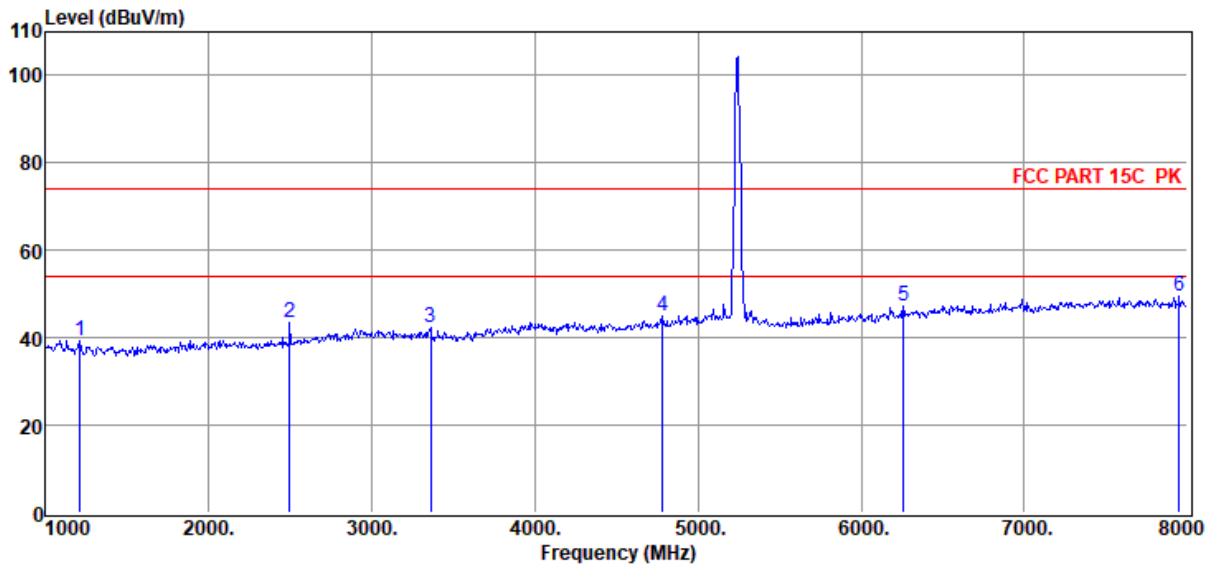
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5240

Data: 29



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1210.00	50.20	25.46	38.22	1.22	0.54	39.20	74.00	-34.80	Peak	HORIZONTAL
2	2498.00	53.07	27.60	39.65	1.74	0.73	43.49	74.00	-30.51	Peak	HORIZONTAL
3	3359.00	50.33	29.43	40.01	1.74	0.82	42.31	74.00	-31.69	Peak	HORIZONTAL
4	4780.00	49.77	32.40	40.36	2.46	0.90	45.17	74.00	-28.83	Peak	HORIZONTAL
5	6257.00	48.67	34.62	40.29	3.15	1.09	47.24	74.00	-26.76	Peak	HORIZONTAL
6	7951.00	48.06	36.94	39.80	3.19	1.17	49.56	74.00	-24.44	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

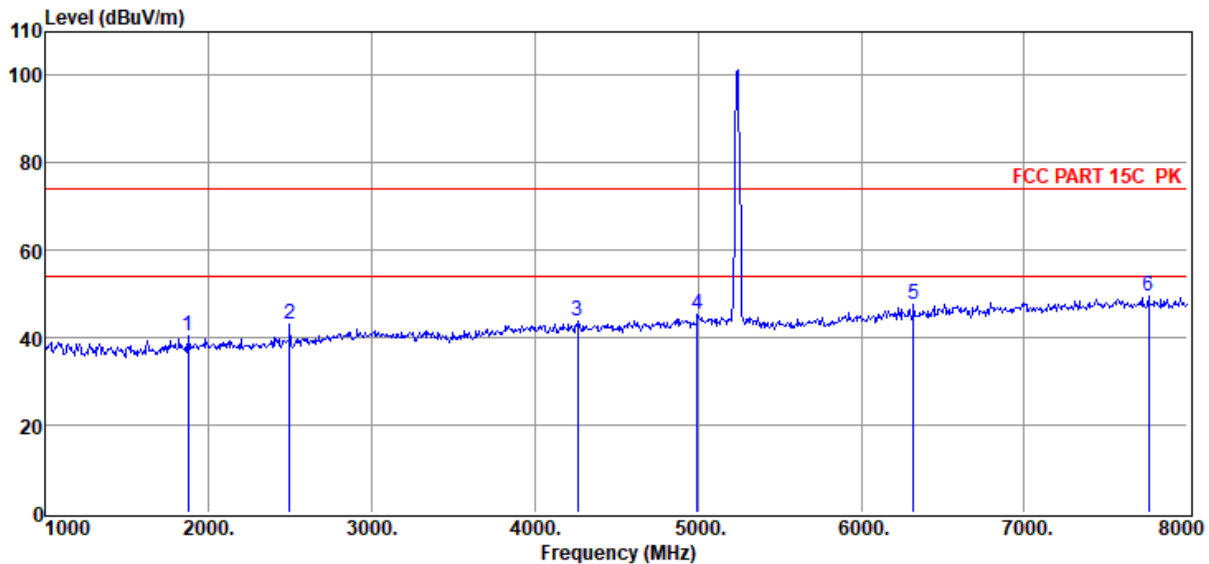
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5240

Data: 30



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1875.00	51.09	26.38	39.21	1.55	0.66	40.47	74.00	-33.53	Peak	VERTICAL
2	2498.00	52.62	27.60	39.65	1.74	0.73	43.04	74.00	-30.96	Peak	VERTICAL
3	4262.00	49.50	31.31	40.25	2.24	0.87	43.67	74.00	-30.33	Peak	VERTICAL
4	4997.00	49.31	33.09	40.40	2.54	0.91	45.45	74.00	-28.55	Peak	VERTICAL
5	6320.00	48.93	34.77	40.24	3.18	1.07	47.71	74.00	-26.29	Peak	VERTICAL
6	7762.00	48.24	36.71	39.78	3.17	1.12	49.46	74.00	-24.54	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

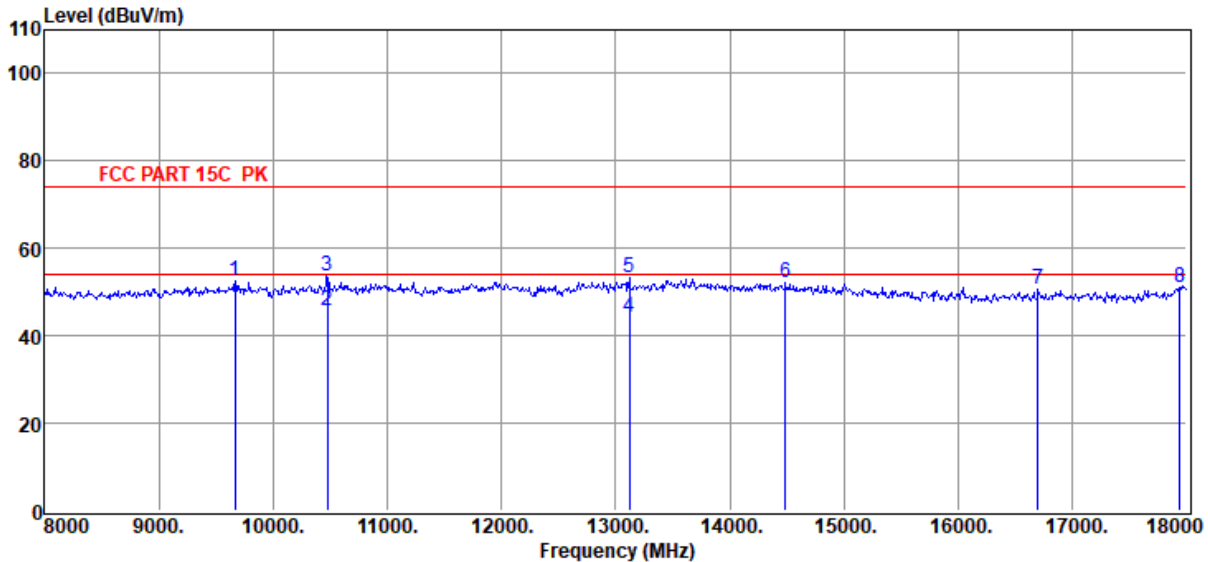
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5240

Data: 31



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	9670.00	47.68	38.60	40.37	3.64	2.96	52.51	74.00	-21.49	Peak	HORIZONTAL
2	10480.00	40.59	38.98	40.41	3.67	2.84	45.67	54.00	-8.33	Average	HORIZONTAL
3	10480.00	48.49	38.98	40.41	3.67	2.84	53.57	74.00	-20.43	Peak	HORIZONTAL
4	13120.00	37.73	39.70	40.32	4.30	2.65	44.06	54.00	-9.94	Average	HORIZONTAL
5	13120.00	46.99	39.70	40.32	4.30	2.65	53.32	74.00	-20.68	Peak	HORIZONTAL
6	14490.00	44.86	39.90	39.65	4.35	2.54	52.00	74.00	-22.00	Peak	HORIZONTAL
7	16700.00	44.53	38.14	40.04	4.72	3.15	50.50	74.00	-23.50	Peak	HORIZONTAL
8	17940.00	41.81	42.13	40.66	4.94	2.66	50.88	74.00	-23.12	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

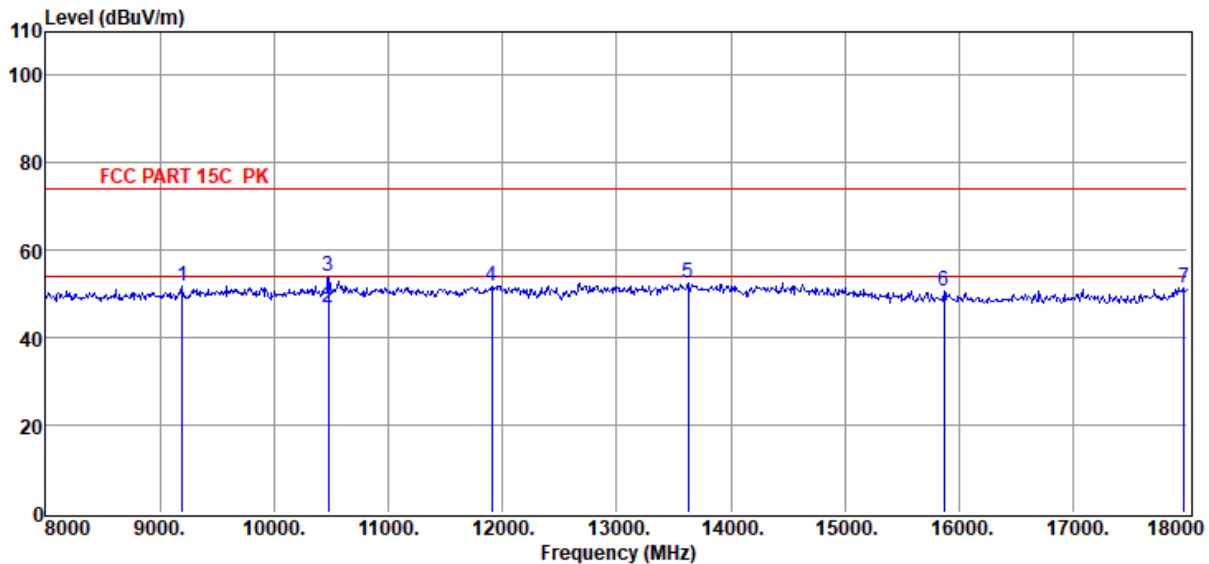
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5240

Data: 32



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	9200.00	46.97	38.46	40.04	3.45	2.85	51.69	74.00	-22.31	Peak	VERTICAL
2	10480.00	41.77	38.98	40.41	3.67	2.84	46.85	54.00	-7.15	Average	VERTICAL
3	10480.00	49.15	38.98	40.41	3.67	2.84	54.23	74.00	-19.77	Peak	VERTICAL
4	11910.00	46.47	39.16	40.11	4.04	2.39	51.95	74.00	-22.05	Peak	VERTICAL
5	13630.00	45.67	39.97	39.96	4.13	2.68	52.49	74.00	-21.51	Peak	VERTICAL
6	15870.00	45.21	38.13	39.86	4.59	2.57	50.64	74.00	-23.36	Peak	VERTICAL
7	17970.00	42.33	42.31	40.68	4.95	2.63	51.54	74.00	-22.46	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

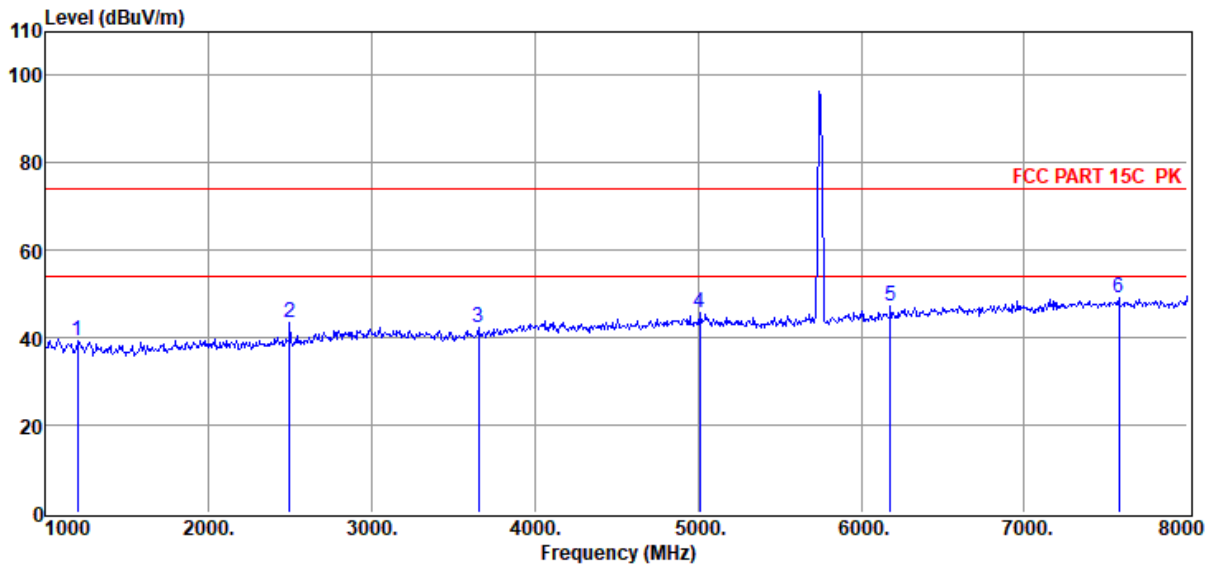
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5745

Data: 33



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1196.00	50.32	25.46	38.19	1.21	0.54	39.34	74.00	-34.66	Peak	HORIZONTAL
2	2498.00	53.14	27.60	39.65	1.74	0.73	43.56	74.00	-30.44	Peak	HORIZONTAL
3	3653.00	49.91	29.92	40.10	1.82	0.84	42.39	74.00	-31.61	Peak	HORIZONTAL
4	5011.00	49.58	33.09	40.40	2.54	0.91	45.72	74.00	-28.28	Peak	HORIZONTAL
5	6180.00	49.03	34.43	40.36	3.12	1.10	47.32	74.00	-26.68	Peak	HORIZONTAL
6	7580.00	48.15	36.50	39.76	3.15	1.07	49.11	74.00	-24.89	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

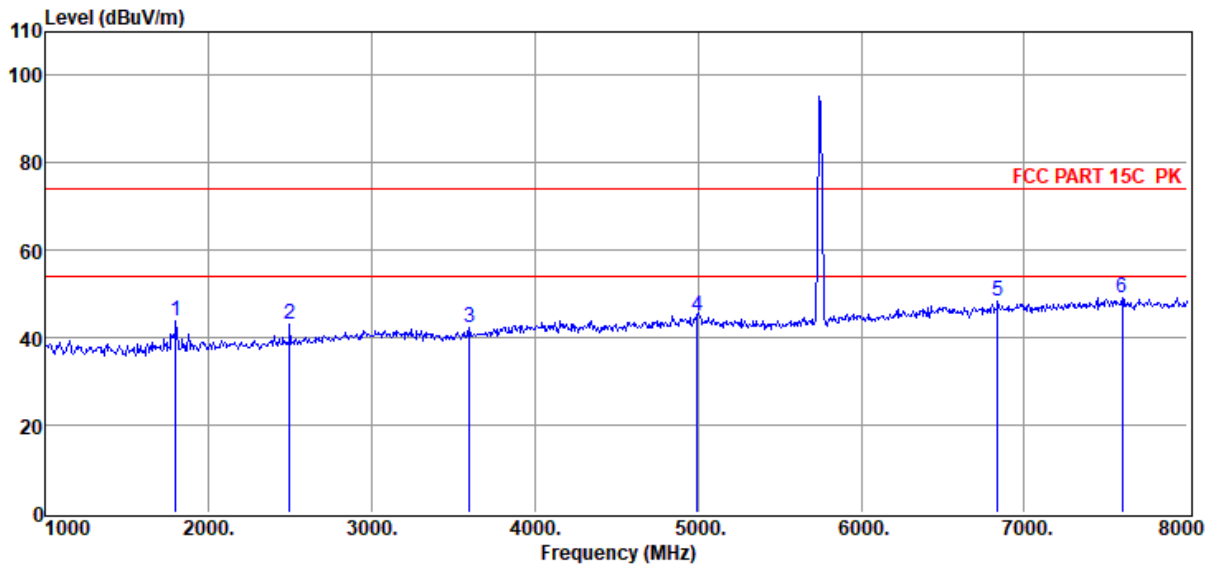
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5745

Data: 34



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1798.00	54.56	26.17	39.10	1.51	0.64	43.78	74.00	-30.22	Peak	VERTICAL
2	2498.00	52.72	27.60	39.65	1.74	0.73	43.14	74.00	-30.86	Peak	VERTICAL
3	3597.00	50.15	29.73	40.08	1.77	0.83	42.40	74.00	-31.60	Peak	VERTICAL
4	4997.00	49.01	33.09	40.40	2.54	0.91	45.15	74.00	-28.85	Peak	VERTICAL
5	6838.00	48.36	35.74	39.83	3.10	0.96	48.33	74.00	-25.67	Peak	VERTICAL
6	7601.00	48.22	36.52	39.76	3.15	1.08	49.21	74.00	-24.79	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

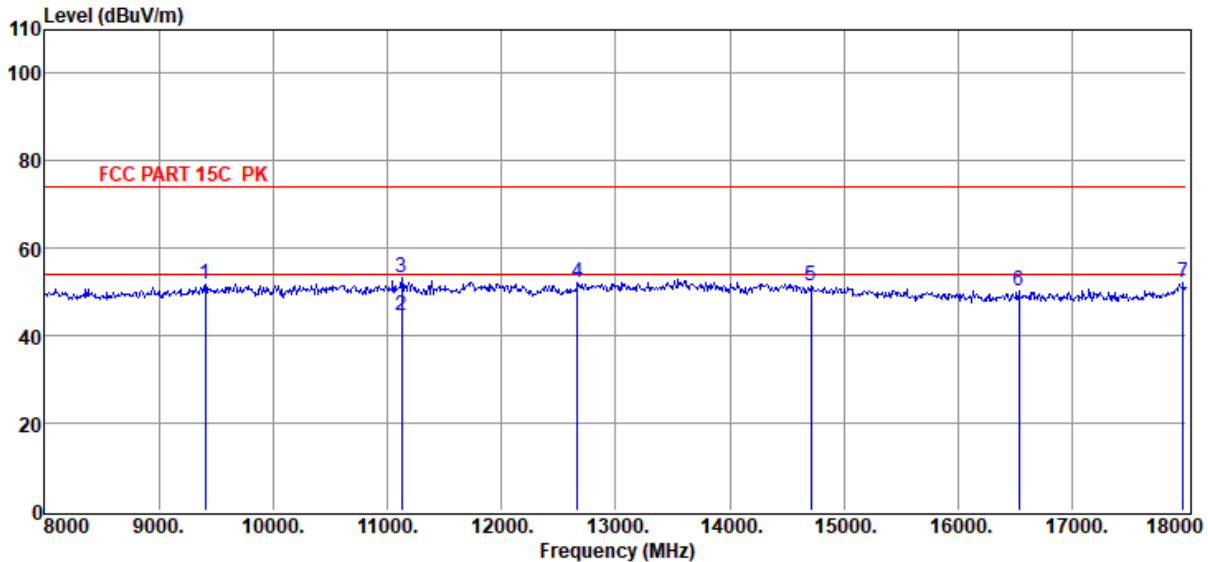
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5745

Data: 35



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	9410.00	46.84	38.63	40.19	3.57	2.90	51.75	74.00	-22.25	Peak	HORIZONTAL
2	11130.00	39.20	39.22	40.19	3.84	2.59	44.66	54.00	-9.34	Average	HORIZONTAL
3	11130.00	47.73	39.22	40.19	3.84	2.59	53.19	74.00	-20.81	Peak	HORIZONTAL
4	12670.00	46.67	39.20	40.30	3.94	2.56	52.07	74.00	-21.93	Peak	HORIZONTAL
5	14710.00	44.54	39.73	39.63	4.40	2.48	51.52	74.00	-22.48	Peak	HORIZONTAL
6	16530.00	44.72	37.94	40.01	4.73	3.02	50.40	74.00	-23.60	Peak	HORIZONTAL
7	17970.00	42.77	42.31	40.68	4.95	2.63	51.98	74.00	-22.02	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

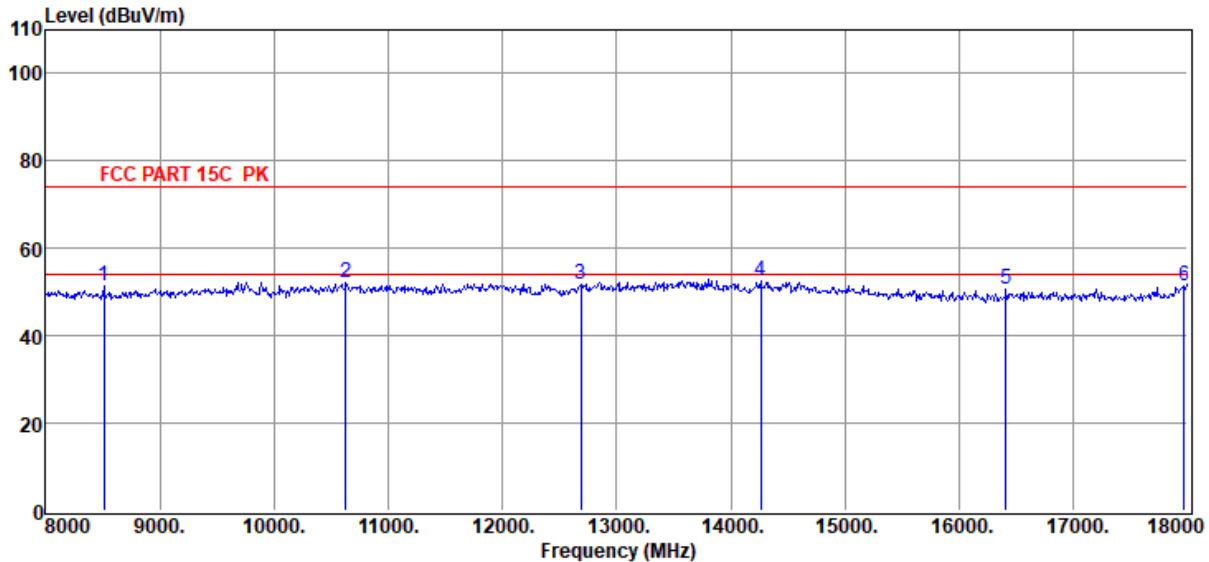
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5745

Data: 36



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	8510.00	47.40	37.81	39.85	3.22	2.76	51.34	74.00	-22.66	Peak	VERTICAL
2	10630.00	47.02	39.08	40.35	3.70	2.78	52.23	74.00	-21.77	Peak	VERTICAL
3	12690.00	46.30	39.23	40.31	3.97	2.56	51.75	74.00	-22.25	Peak	VERTICAL
4	14260.00	45.15	39.90	39.67	4.44	2.61	52.43	74.00	-21.57	Peak	VERTICAL
5	16410.00	45.17	37.90	39.98	4.71	2.92	50.72	74.00	-23.28	Peak	VERTICAL
6	17970.00	42.22	42.31	40.68	4.95	2.63	51.43	74.00	-22.57	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

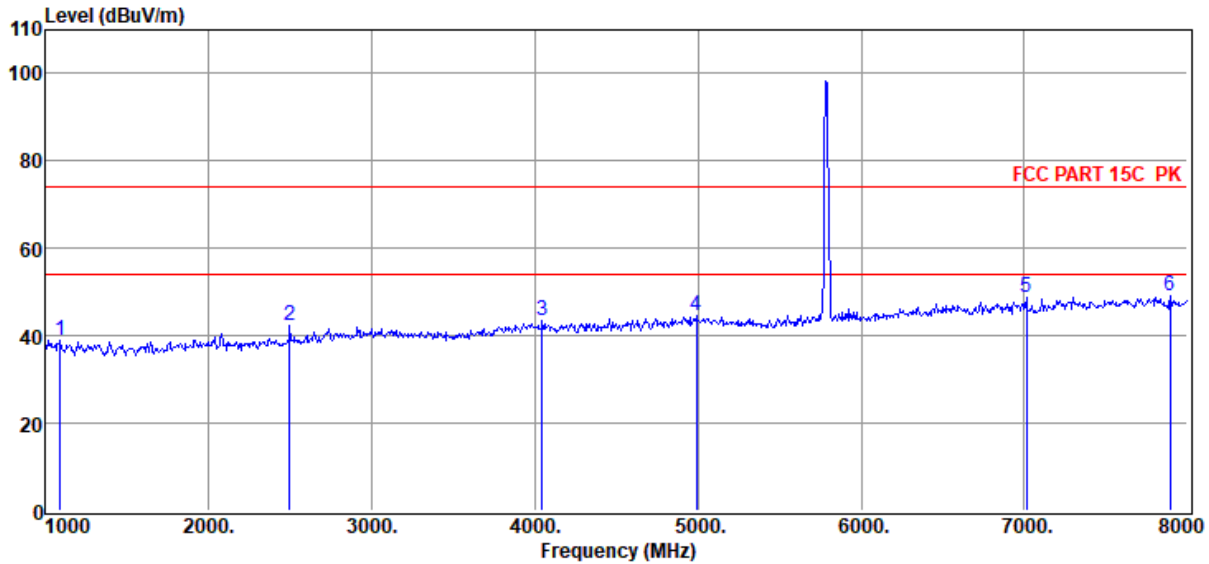
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5785

Data: 37



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1091.00	49.78	25.48	38.04	1.15	0.52	38.89	74.00	-35.11	Peak	HORIZONTAL
2	2498.00	52.10	27.60	39.65	1.74	0.73	42.52	74.00	-31.48	Peak	HORIZONTAL
3	4045.00	49.71	31.14	40.21	2.13	0.86	43.63	74.00	-30.37	Peak	HORIZONTAL
4	4990.00	48.32	33.07	40.40	2.54	0.91	44.44	74.00	-29.56	Peak	HORIZONTAL
5	7013.00	48.68	36.01	39.70	3.02	0.93	48.94	74.00	-25.06	Peak	HORIZONTAL
6	7895.00	47.80	36.87	39.79	3.18	1.15	49.21	74.00	-24.79	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

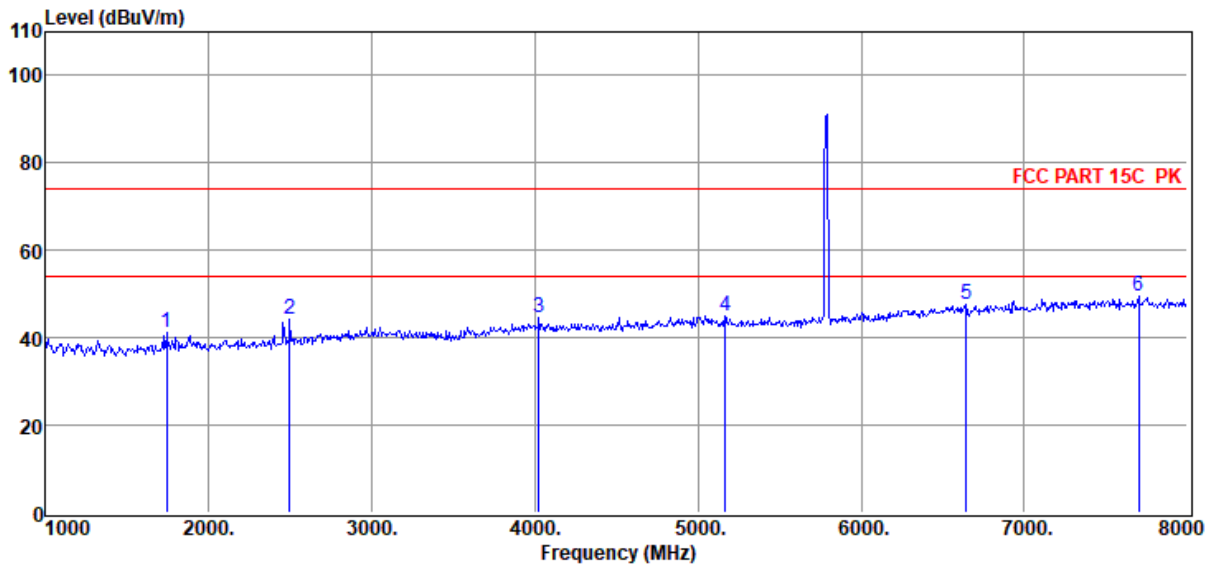
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5785

Data: 38



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1742.00	52.13	26.03	39.01	1.49	0.63	41.27	74.00	-32.73	Peak	VERTICAL
2	2498.00	53.74	27.60	39.65	1.74	0.73	44.16	74.00	-29.84	Peak	VERTICAL
3	4024.00	50.59	31.12	40.20	2.12	0.86	44.49	74.00	-29.51	Peak	VERTICAL
4	5165.00	48.95	33.00	40.42	2.55	0.95	45.03	74.00	-28.97	Peak	VERTICAL
5	6642.00	48.10	35.43	39.99	3.20	1.01	47.75	74.00	-26.25	Peak	VERTICAL
6	7699.00	48.23	36.64	39.77	3.16	1.10	49.36	74.00	-24.64	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

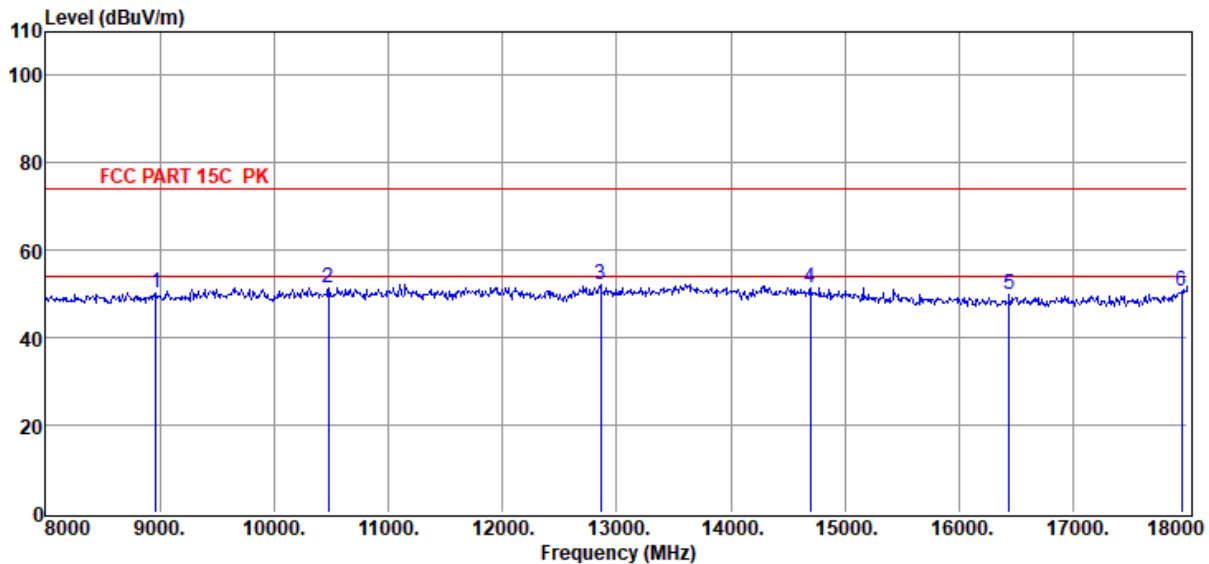
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5785

Data: 39



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	8970.00	45.74	38.27	39.90	3.32	2.80	50.23	74.00	-23.77	Peak	HORIZONTAL
2	10480.00	46.48	38.98	40.41	3.67	2.84	51.56	74.00	-22.44	Peak	HORIZONTAL
3	12860.00	46.31	39.43	40.36	4.21	2.61	52.20	74.00	-21.80	Peak	HORIZONTAL
4	14700.00	44.54	39.74	39.63	4.40	2.48	51.53	74.00	-22.47	Peak	HORIZONTAL
5	16440.00	44.17	37.90	39.99	4.71	2.95	49.74	74.00	-24.26	Peak	HORIZONTAL
6	17950.00	41.68	42.19	40.67	4.95	2.65	50.80	74.00	-23.20	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

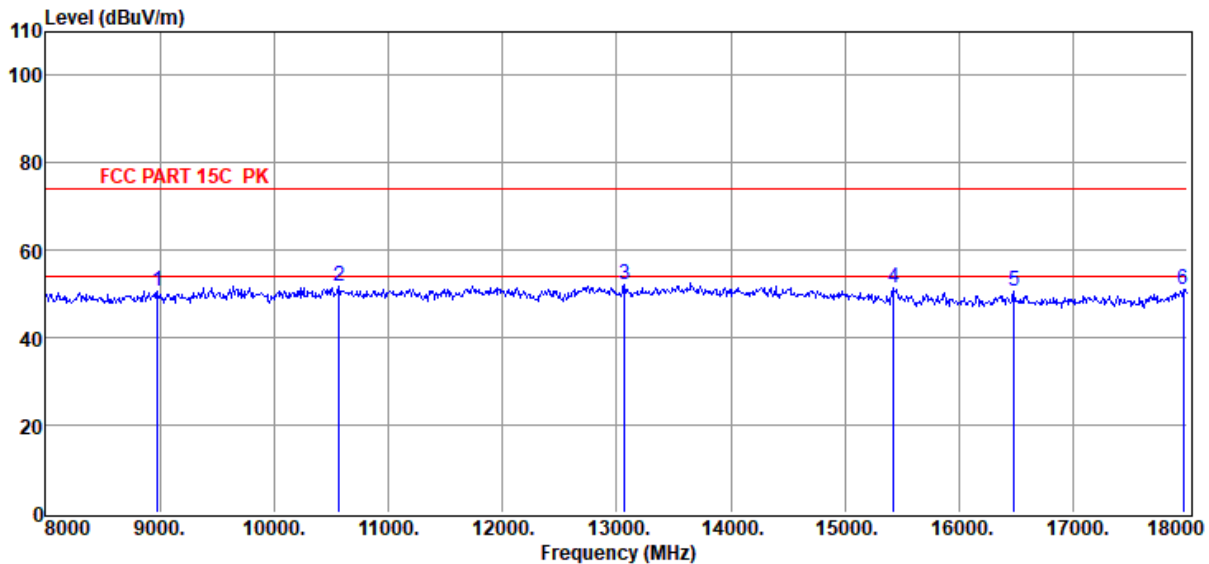
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5785

Data: 40



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	8980.00	46.13	38.28	39.90	3.33	2.80	50.64	74.00	-23.36	Peak	VERTICAL
2	10570.00	46.61	39.04	40.37	3.69	2.80	51.77	74.00	-22.23	Peak	VERTICAL
3	13070.00	45.76	39.66	40.35	4.34	2.65	52.06	74.00	-21.94	Peak	VERTICAL
4	15430.00	45.06	38.90	39.73	4.55	2.48	51.26	74.00	-22.74	Peak	VERTICAL
5	16480.00	44.97	37.90	40.00	4.72	2.98	50.57	74.00	-23.43	Peak	VERTICAL
6	17960.00	41.69	42.25	40.68	4.95	2.64	50.85	74.00	-23.15	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

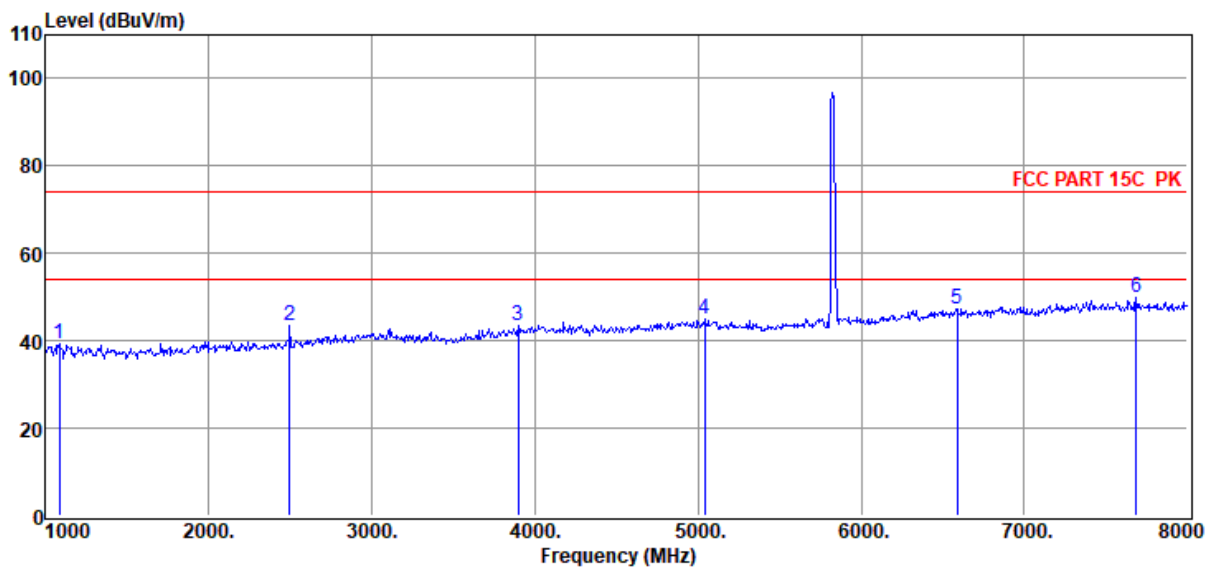
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5825

Data: 41



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	1084.00	50.20	25.48	38.03	1.15	0.52	39.32	74.00	-34.68	Peak	HORIZONTAL
2	2498.00	53.07	27.60	39.65	1.74	0.73	43.49	74.00	-30.51	Peak	HORIZONTAL
3	3898.00	49.86	30.75	40.17	2.02	0.85	43.31	74.00	-30.69	Peak	HORIZONTAL
4	5039.00	48.74	33.08	40.40	2.54	0.92	44.88	74.00	-29.12	Peak	HORIZONTAL
5	6586.00	47.83	35.34	40.03	3.23	1.02	47.39	74.00	-26.61	Peak	HORIZONTAL
6	7685.00	48.64	36.62	39.77	3.16	1.10	49.75	74.00	-24.25	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

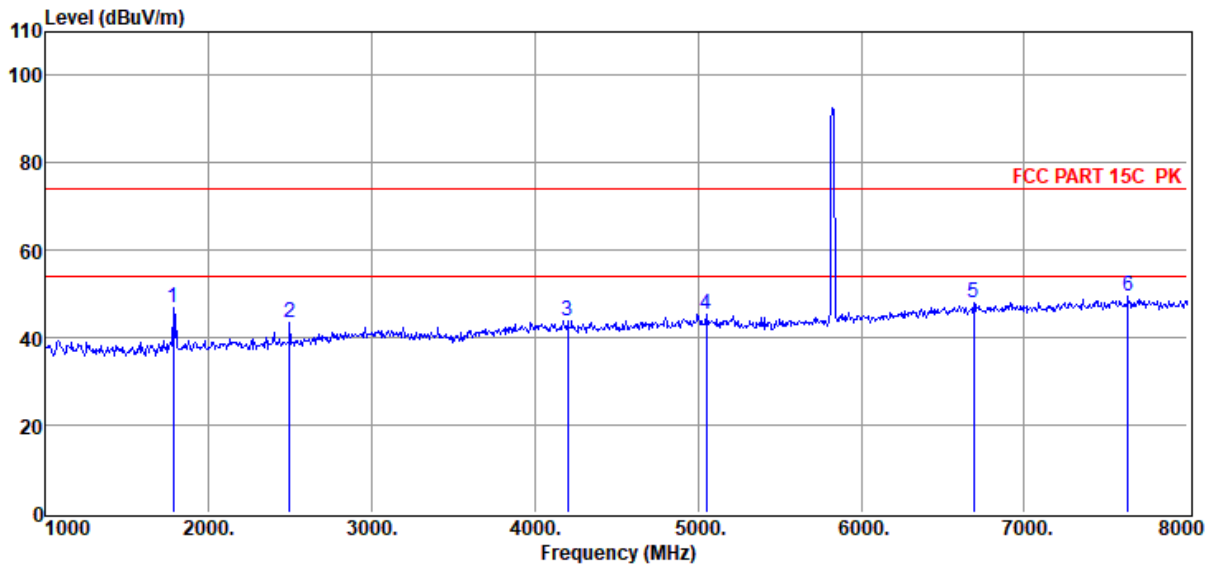
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5825

Data: 42



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1784.00	57.77	26.14	39.08	1.50	0.64	46.97	74.00	-27.03	Peak	VERTICAL
2	2498.00	52.93	27.60	39.65	1.74	0.73	43.35	74.00	-30.65	Peak	VERTICAL
3	4199.00	49.80	31.26	40.24	2.21	0.87	43.90	74.00	-30.10	Peak	VERTICAL
4	5053.00	49.17	33.07	40.41	2.54	0.92	45.29	74.00	-28.71	Peak	VERTICAL
5	6691.00	48.28	35.51	39.95	3.17	0.99	48.00	74.00	-26.00	Peak	VERTICAL
6	7636.00	48.32	36.56	39.76	3.15	1.09	49.36	74.00	-24.64	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

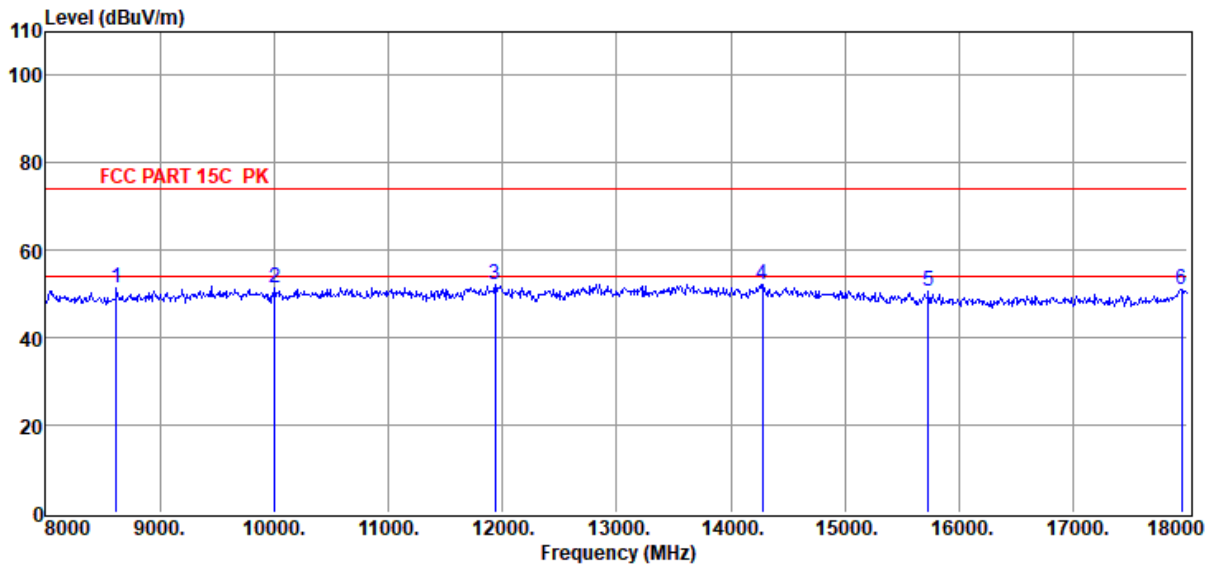
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5825

Data: 43



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	8620.00	47.25	37.92	39.86	3.25	2.77	51.33	74.00	-22.67	Peak	HORIZONTAL
2	10010.00	47.06	38.41	40.60	3.67	3.04	51.58	74.00	-22.42	Peak	HORIZONTAL
3	11940.00	46.56	39.18	40.11	4.04	2.38	52.05	74.00	-21.95	Peak	HORIZONTAL
4	14280.00	45.06	39.90	39.67	4.43	2.61	52.33	74.00	-21.67	Peak	HORIZONTAL
5	15730.00	44.93	38.39	39.82	4.58	2.54	50.62	74.00	-23.38	Peak	HORIZONTAL
6	17950.00	41.89	42.19	40.67	4.95	2.65	51.01	74.00	-22.99	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC
ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

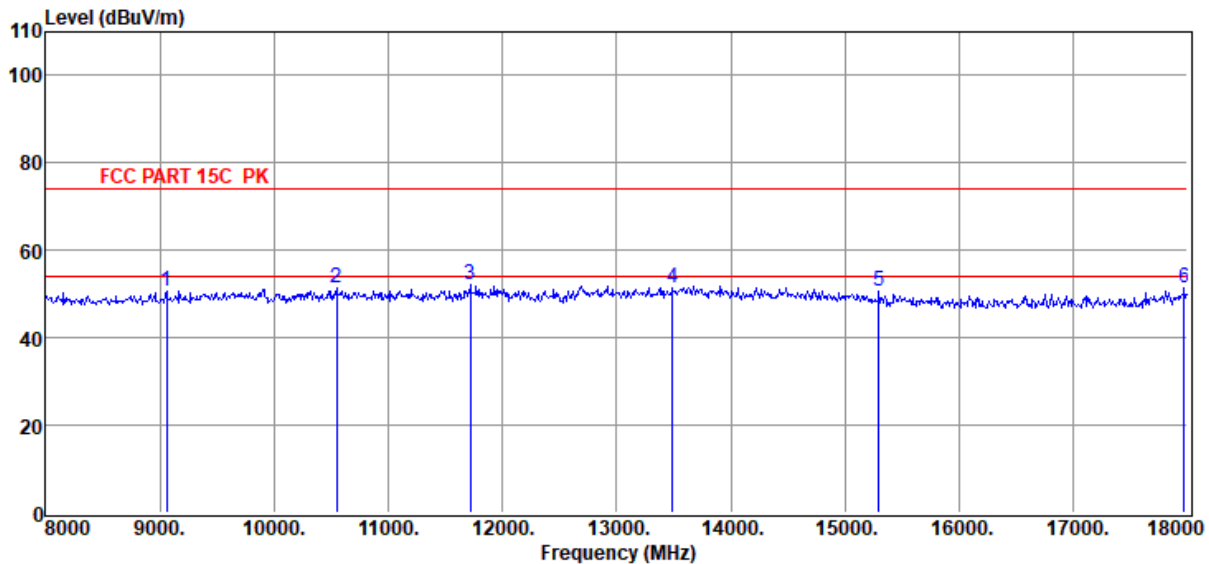
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5825

Data: 44



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	9060.00	45.92	38.35	39.94	3.36	2.81	50.50	74.00	-23.50	Peak	VERTICAL
2	10550.00	46.14	39.03	40.38	3.68	2.81	51.28	74.00	-22.72	Peak	VERTICAL
3	11720.00	46.84	39.09	40.13	4.01	2.44	52.25	74.00	-21.75	Peak	VERTICAL
4	13490.00	44.99	39.99	40.06	4.00	2.67	51.59	74.00	-22.41	Peak	VERTICAL
5	15300.00	44.12	39.08	39.69	4.52	2.45	50.48	74.00	-23.52	Peak	VERTICAL
6	17970.00	42.11	42.31	40.68	4.95	2.63	51.32	74.00	-22.68	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

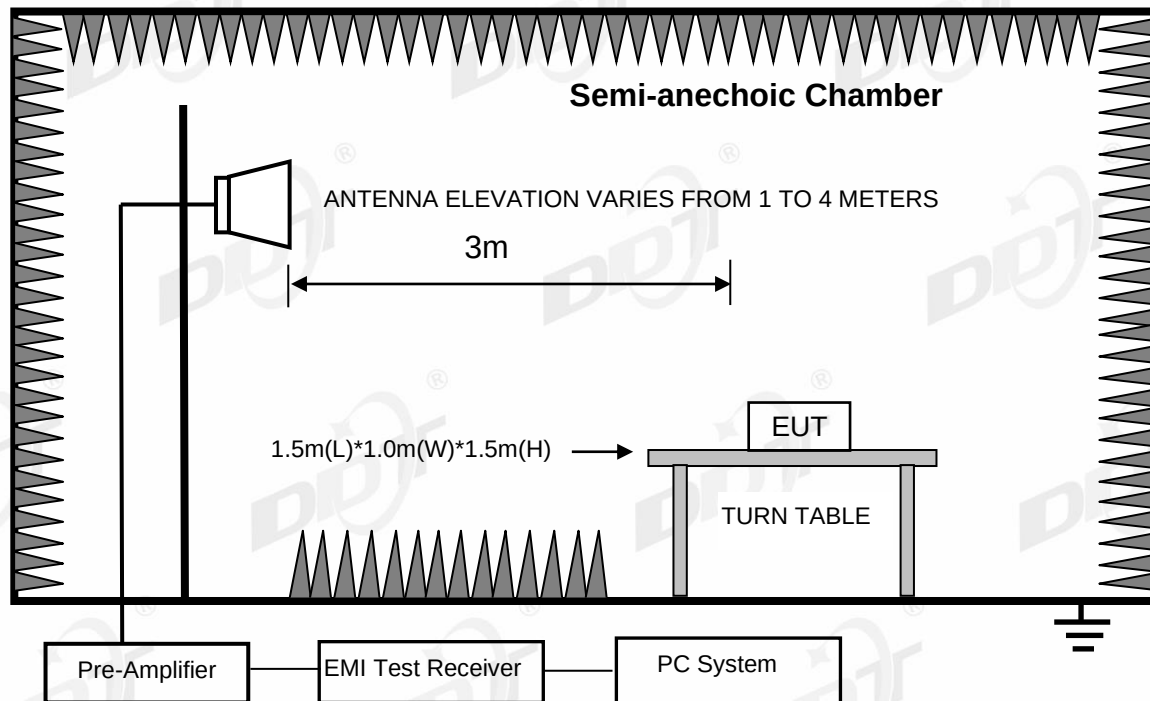
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

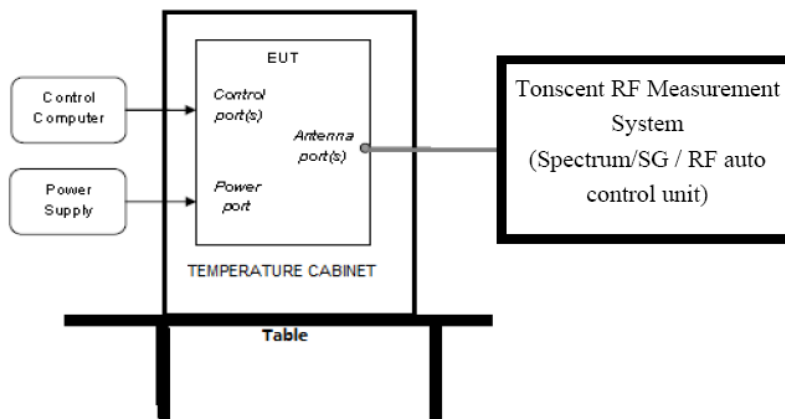
9. Band Edge Compliance

9.1. Block diagram of test setup

Radiated measurement:



Conducted measurement:



9.2. Limit

For transmitters operating in the 5.15 - 5.25 GHz and 5.725 - 5.85 GHz band: all emissions outside of the 5.15 - 5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.

$$-27 \text{ dBm/MHz Limit} = 95.2 + \text{EIRP[dBm]} = 95.2 - 27 = 68.2 \text{ dB}\mu\text{V/m}$$

9.3. Test procedure

Same with clause 8.3 except change investigated frequency range from 5.15 - 5.25 GHz, 5.725 - 5.85 GHz.

Remark: All restriction band have been tested, and only the worst case is shown in report.

9.4. Test result

Pass. (See below detailed test result)

Note: As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

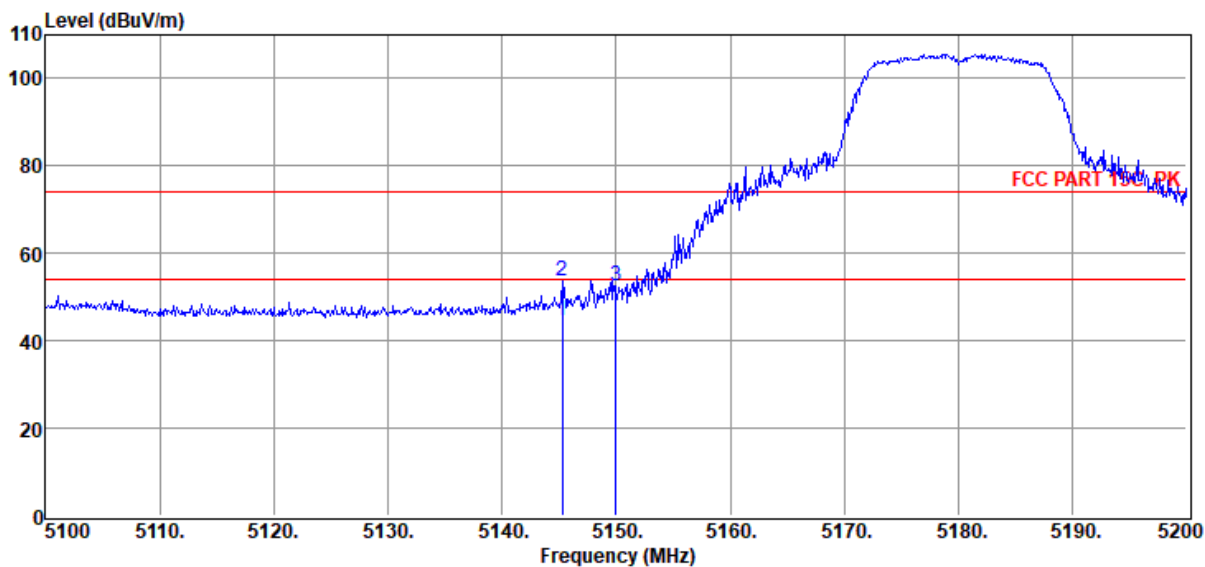
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5180 ANT1

Data: 1



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5145.30	48.63	33.01	40.41	2.55	0.94	44.72	54.00	-9.28	Average	HORIZONTAL
2	5145.30	57.63	33.01	40.41	2.55	0.94	53.72	74.00	-20.28	Peak	HORIZONTAL
3	5150.00	56.32	33.01	40.42	2.55	0.94	52.40	74.00	-21.60	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

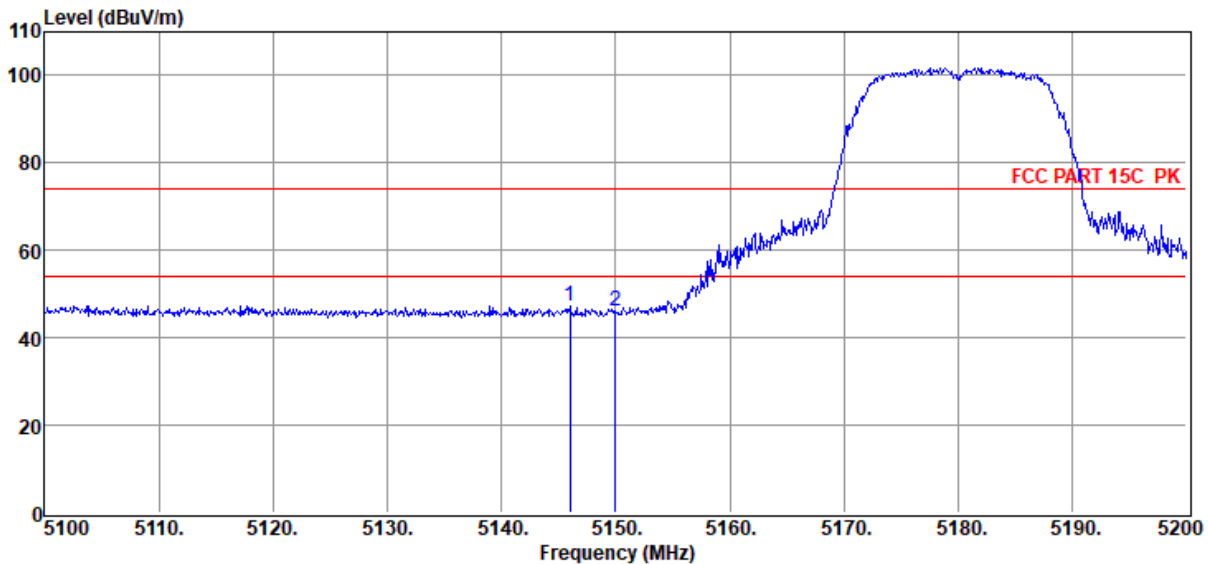
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5180 ANT1

Data: 2



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5146.00	51.18	33.01	40.41	2.55	0.94	47.27	74.00	-26.73	Peak	VERTICAL
2	5150.00	50.13	33.01	40.42	2.55	0.94	46.21	74.00	-27.79	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

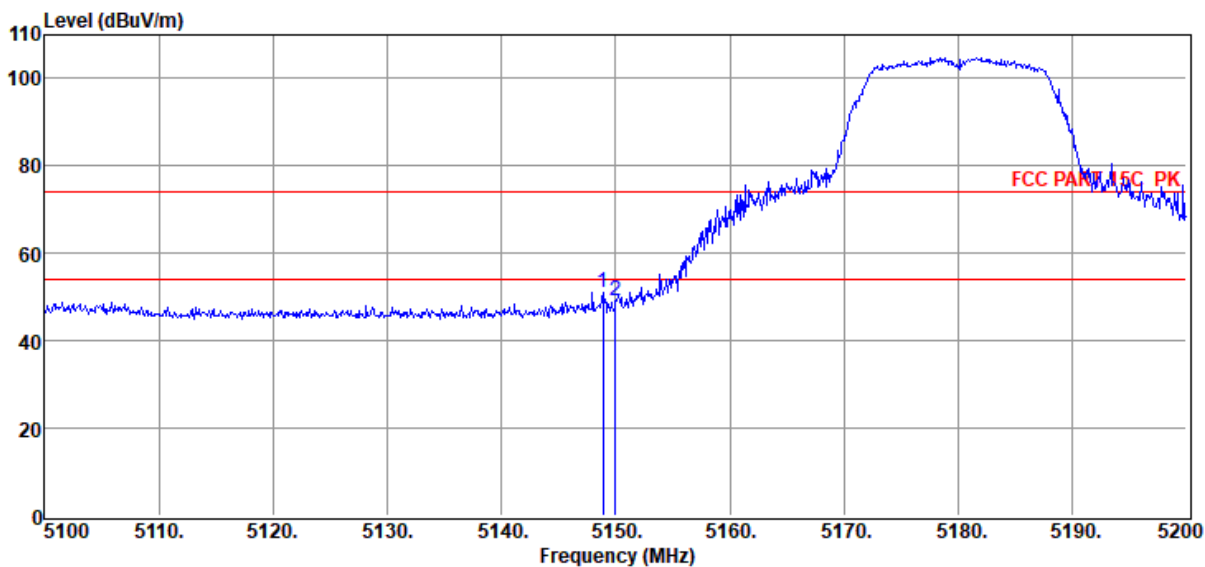
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11A 5180 ANT2

Data: 3



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5148.90	54.96	33.01	40.41	2.55	0.94	51.05	74.00	-22.95	Peak	HORIZONTAL
2	5150.00	52.99	33.01	40.42	2.55	0.94	49.07	74.00	-24.93	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

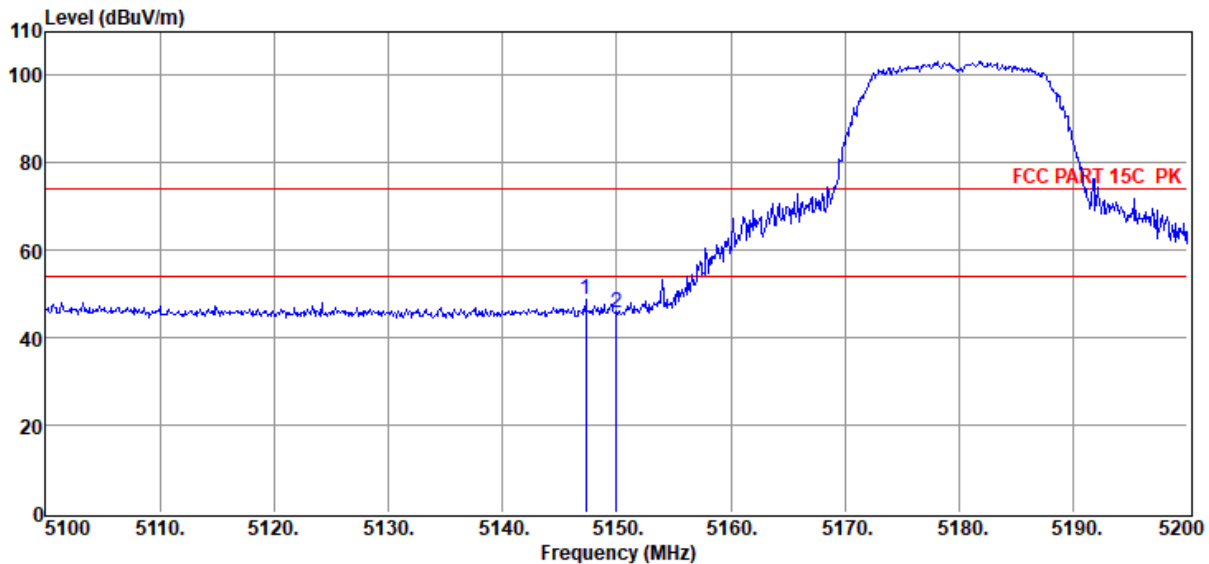
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11A 5180 ANT2

Data: 4



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5147.30	52.56	33.01	40.41	2.55	0.94	48.65	74.00	-25.35	Peak	VERTICAL
2	5150.00	49.78	33.01	40.42	2.55	0.94	45.86	74.00	-28.14	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

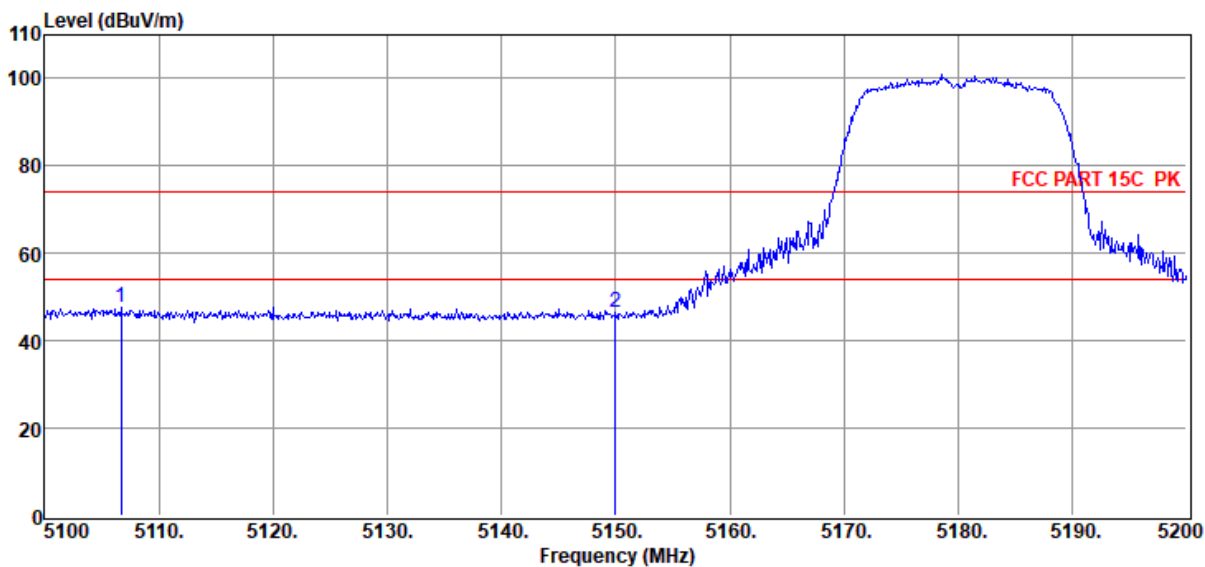
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11N20 5180

Data: 5



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5106.70	51.49	33.04	40.41	2.55	0.93	47.60	74.00	-26.40	Peak	HORIZONTAL
2	5150.00	50.44	33.01	40.42	2.55	0.94	46.52	74.00	-27.48	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

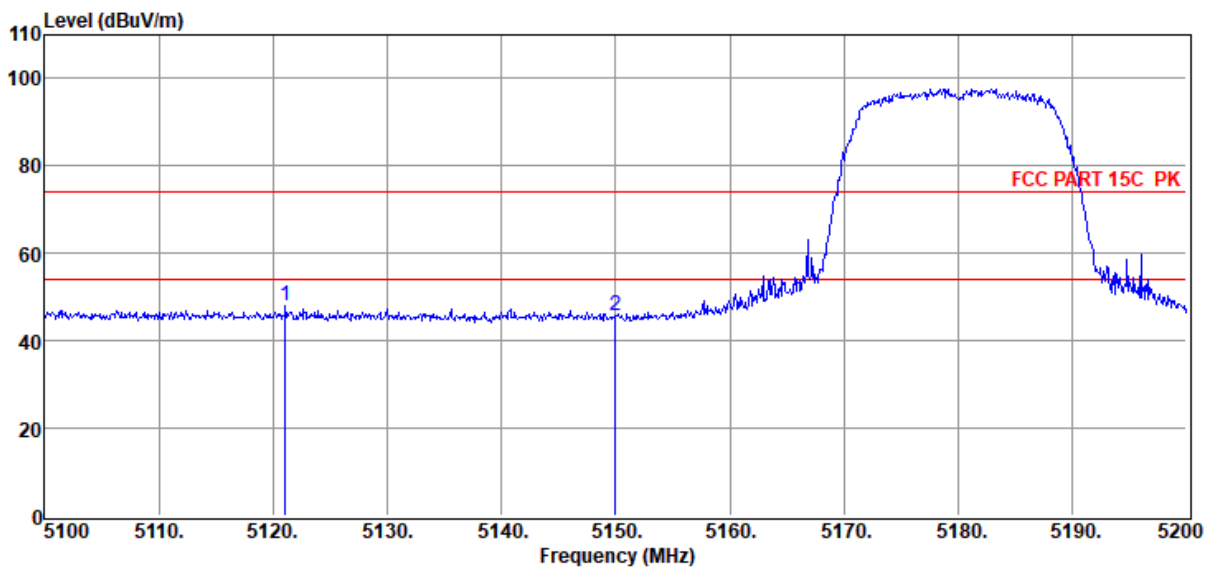
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11N20 5180

Data: 6



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5121.10	52.02	33.03	40.41	2.55	0.94	48.13	74.00	-25.87	Peak	VERTICAL
2	5150.00	49.72	33.01	40.42	2.55	0.94	45.80	74.00	-28.20	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

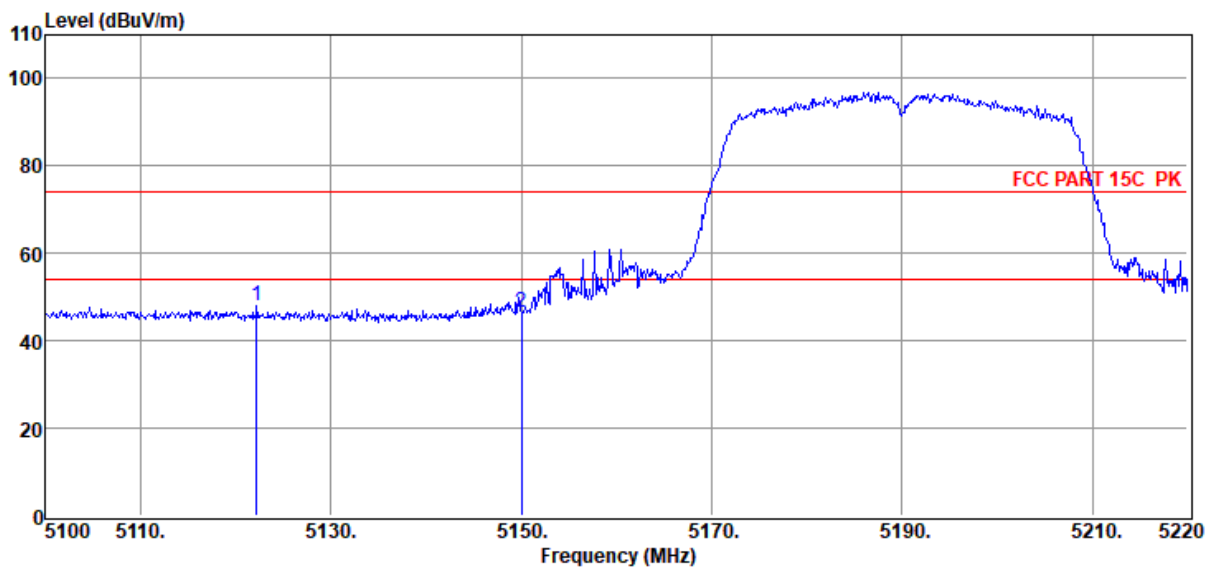
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11N40 5190

Data: 7



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5122.20	52.01	33.03	40.41	2.55	0.94	48.12	74.00	-25.88	Peak	HORIZONTAL
2	5150.04	50.48	33.01	40.42	2.55	0.94	46.56	74.00	-27.44	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

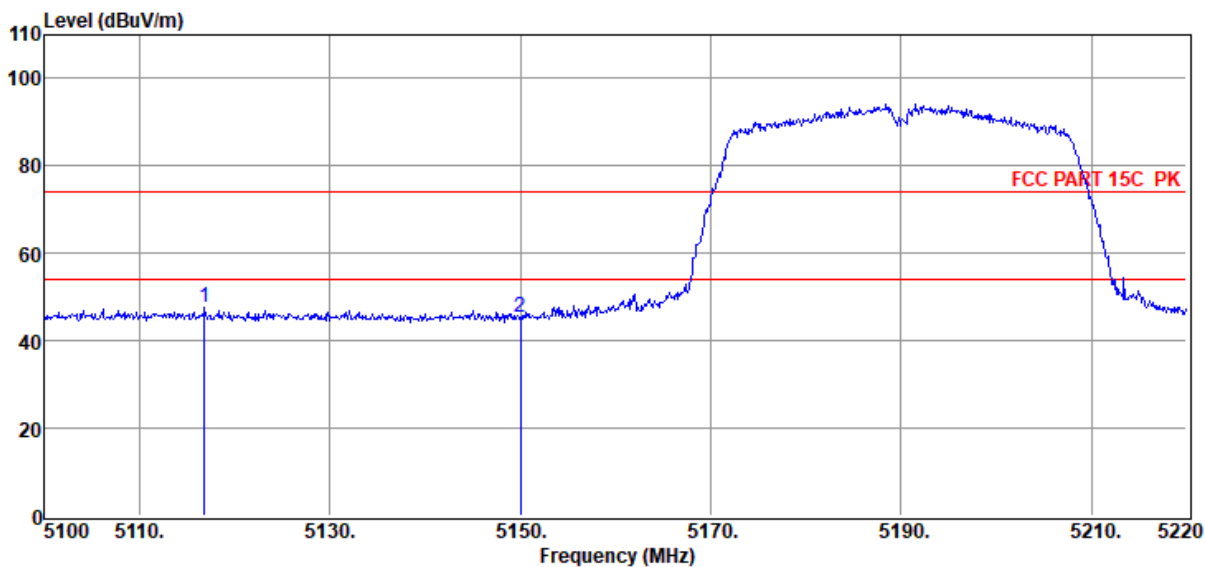
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11N40 5190

Data: 8



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5116.80	51.50	33.03	40.41	2.55	0.94	47.61	74.00	-26.39	Peak	VERTICAL
2	5150.04	49.17	33.01	40.42	2.55	0.94	45.25	74.00	-28.75	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

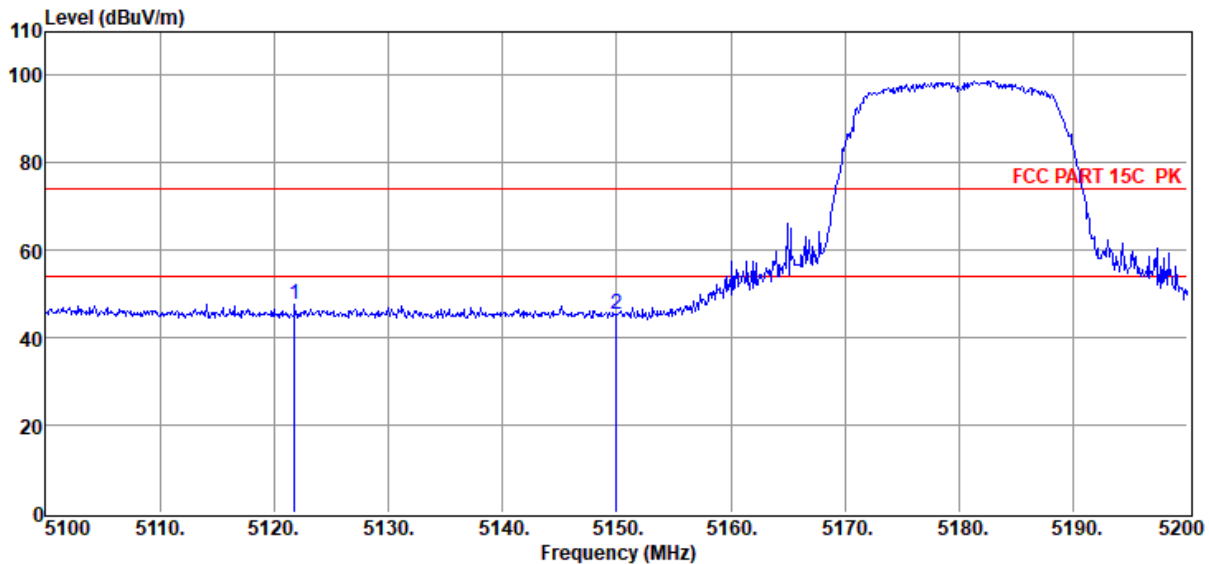
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11AC20 5180

Data: 9



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5121.80	51.70	33.03	40.41	2.55	0.94	47.81	74.00	-26.19	Peak	HORIZONTAL
2	5150.00	49.45	33.01	40.42	2.55	0.94	45.53	74.00	-28.47	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

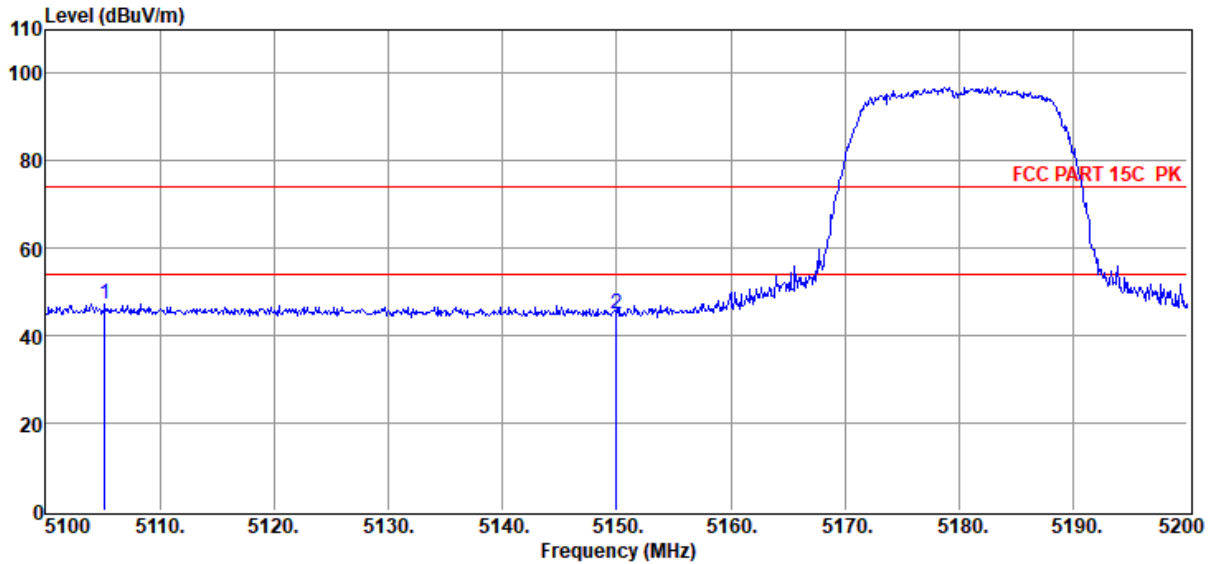
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11AC20 5180

Data: 10



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5105.20	51.30	33.04	40.41	2.55	0.93	47.41	74.00	-26.59	Peak	VERTICAL
2	5150.00	48.76	33.01	40.42	2.55	0.94	44.84	74.00	-29.16	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

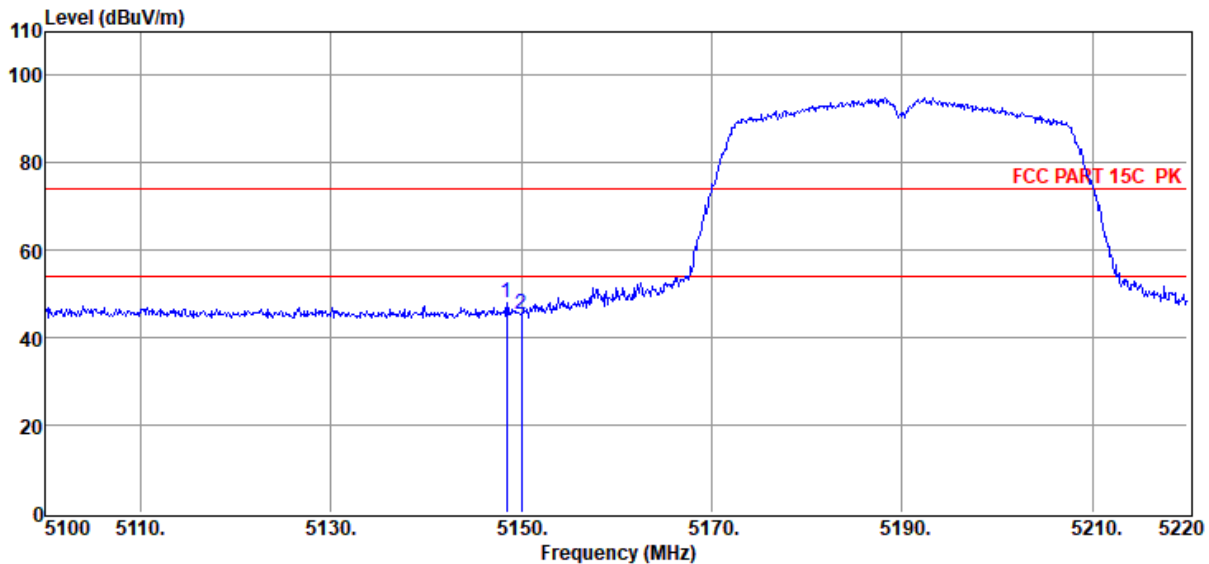
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11AC40 5190

Data: 11



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5148.48	52.03	33.01	40.41	2.55	0.94	48.12	74.00	-25.88	Peak	HORIZONTAL
2	5150.04	49.20	33.01	40.42	2.55	0.94	45.28	74.00	-28.72	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

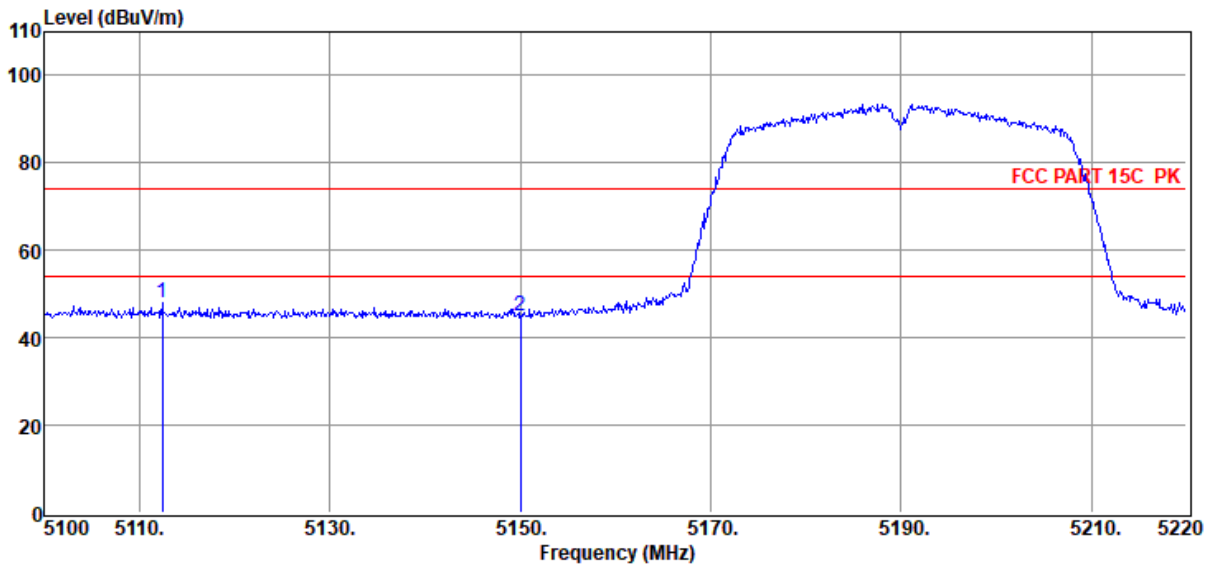
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11AC40 5190

Data: 12



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5112.36	51.95	33.03	40.41	2.55	0.94	48.06	74.00	-25.94	Peak	VERTICAL
2	5150.04	48.79	33.01	40.42	2.55	0.94	44.87	74.00	-29.13	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

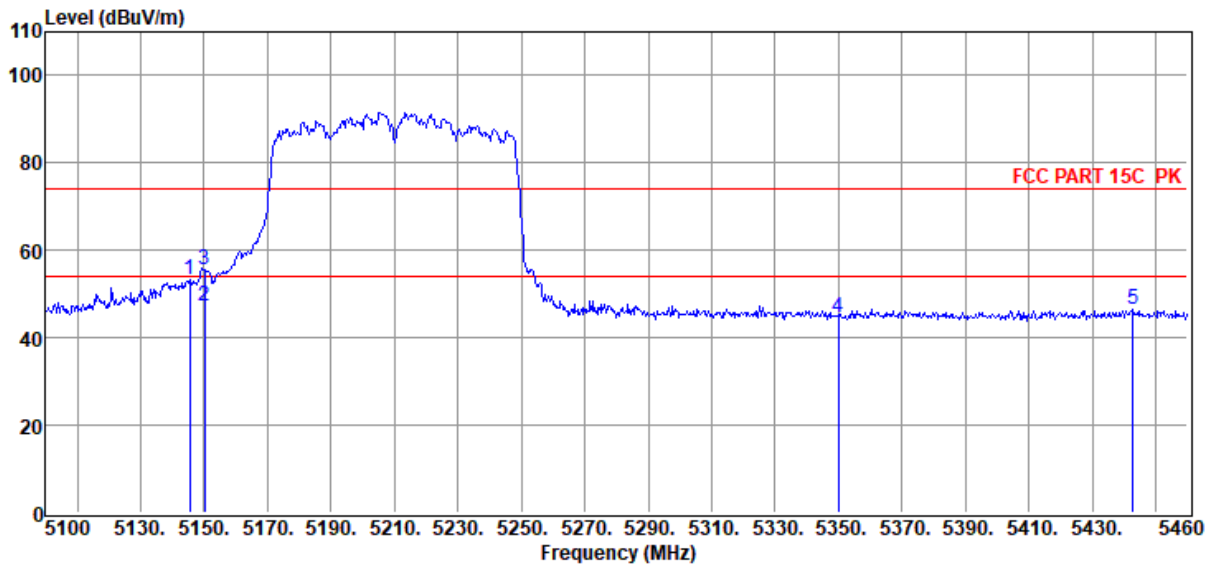
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11AC80 5210

Data: 13



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5145.36	57.16	33.01	40.41	2.55	0.94	53.25	74.00	-20.75	Peak	HORIZONTAL
2	5150.04	51.28	33.01	40.42	2.55	0.94	47.36	54.00	-6.64	Average	HORIZONTAL
3	5150.04	59.49	33.01	40.42	2.55	0.94	55.57	74.00	-18.43	Peak	HORIZONTAL
4	5349.84	48.51	32.89	40.43	2.56	0.99	44.52	74.00	-29.48	Peak	HORIZONTAL
5	5442.72	50.61	32.83	40.44	2.57	1.01	46.58	74.00	-27.42	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

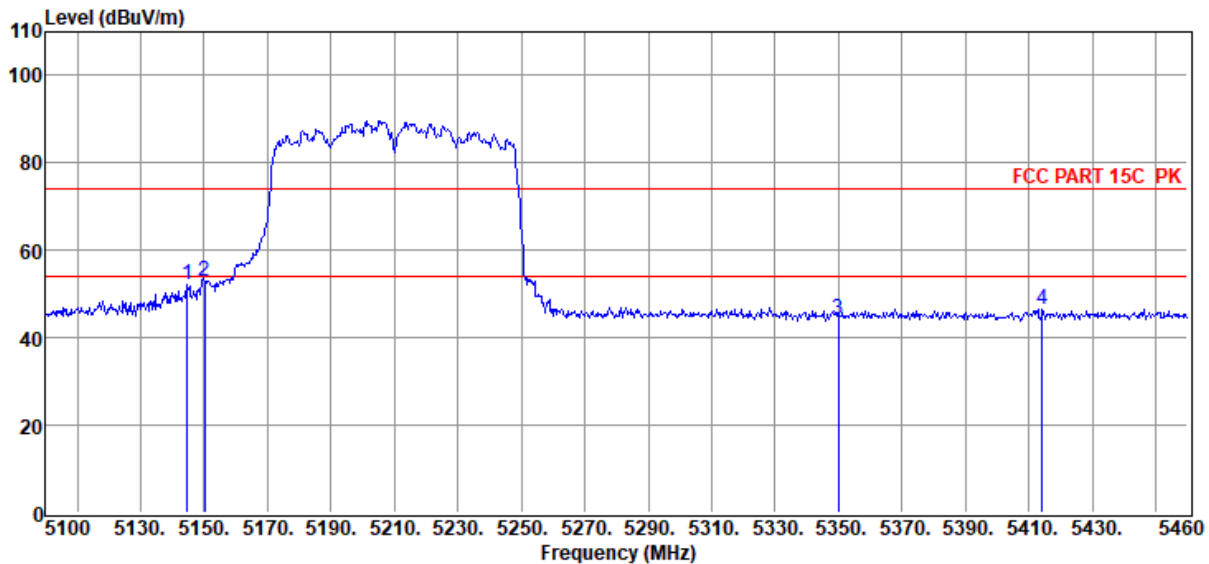
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11AC80 5210

Data: 14



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5144.64	55.96	33.01	40.41	2.55	0.94	52.05	74.00	-21.95	Peak	VERTICAL
2	5150.04	56.78	33.01	40.42	2.55	0.94	52.86	74.00	-21.14	Peak	VERTICAL
3	5349.84	48.28	32.89	40.43	2.56	0.99	44.29	74.00	-29.71	Peak	VERTICAL
4	5414.28	50.46	32.85	40.44	2.56	1.01	46.44	74.00	-27.56	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

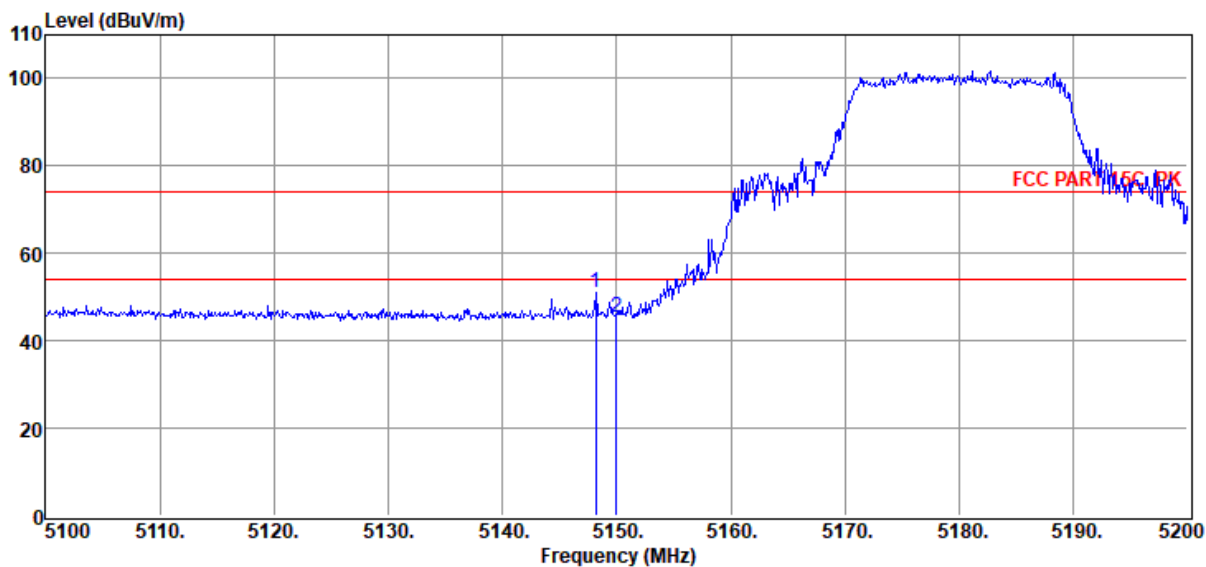
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11AX20 5180

Data: 15



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5148.20	54.83	33.01	40.41	2.55	0.94	50.92	74.00	-23.08	Peak	HORIZONTAL
2	5150.00	49.14	33.01	40.42	2.55	0.94	45.22	74.00	-28.78	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

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Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

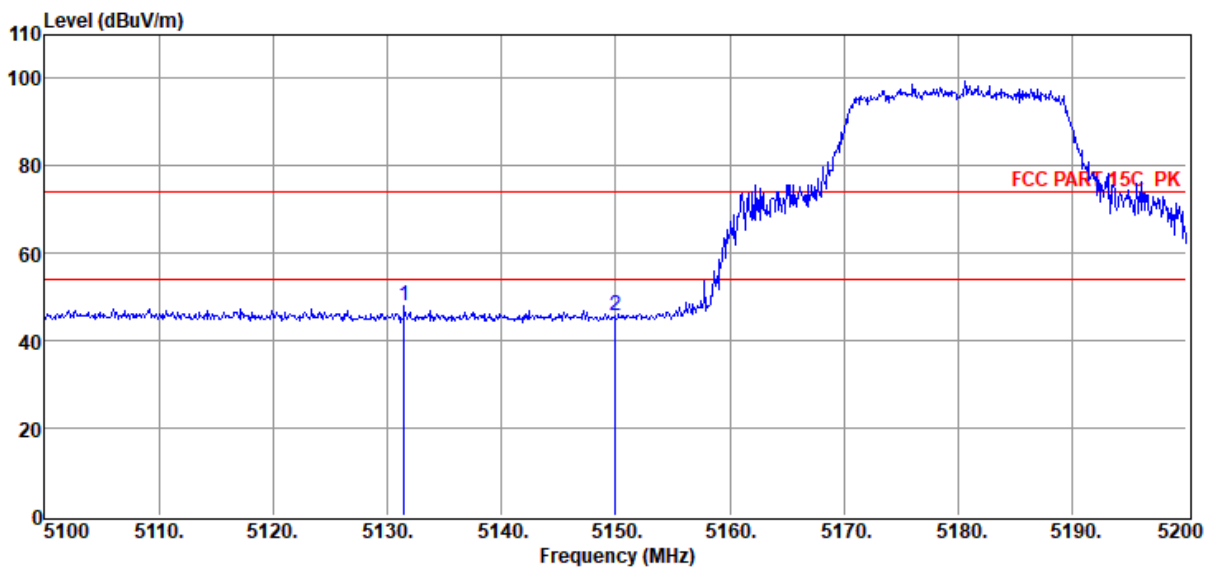
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11AX20 5180

Data: 16



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5131.50	51.76	33.02	40.41	2.55	0.94	47.86	74.00	-26.14	Peak	VERTICAL
2	5150.00	49.60	33.01	40.42	2.55	0.94	45.68	74.00	-28.32	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

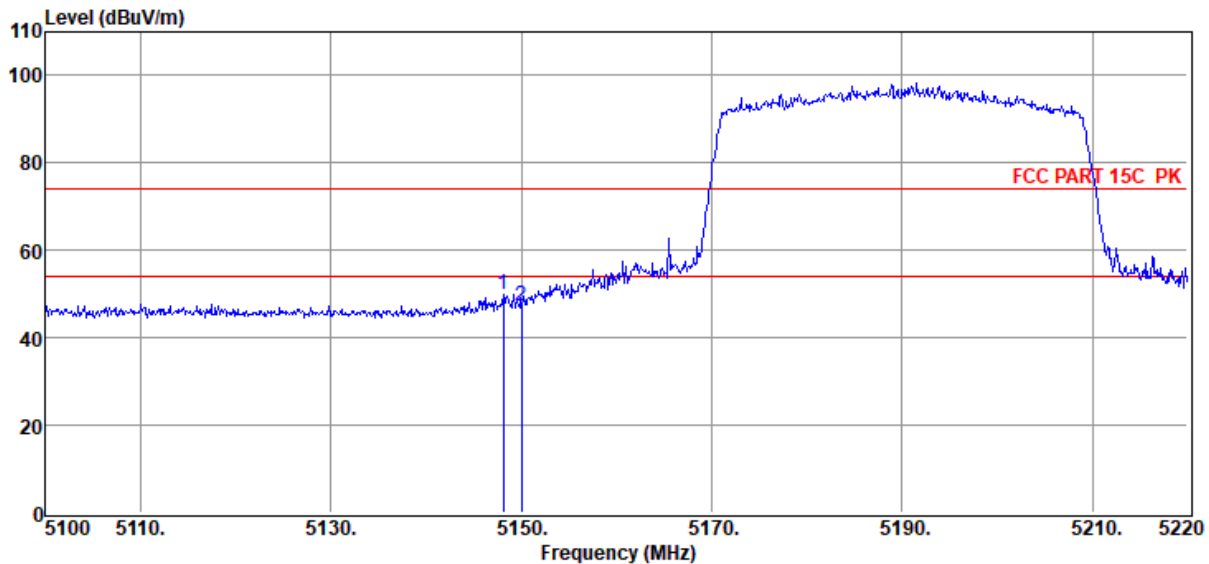
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11AX40 5190

Data: 17



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5148.12	53.93	33.01	40.41	2.55	0.94	50.02	74.00	-23.98	Peak	HORIZONTAL
2	5150.04	51.01	33.01	40.42	2.55	0.94	47.09	74.00	-26.91	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

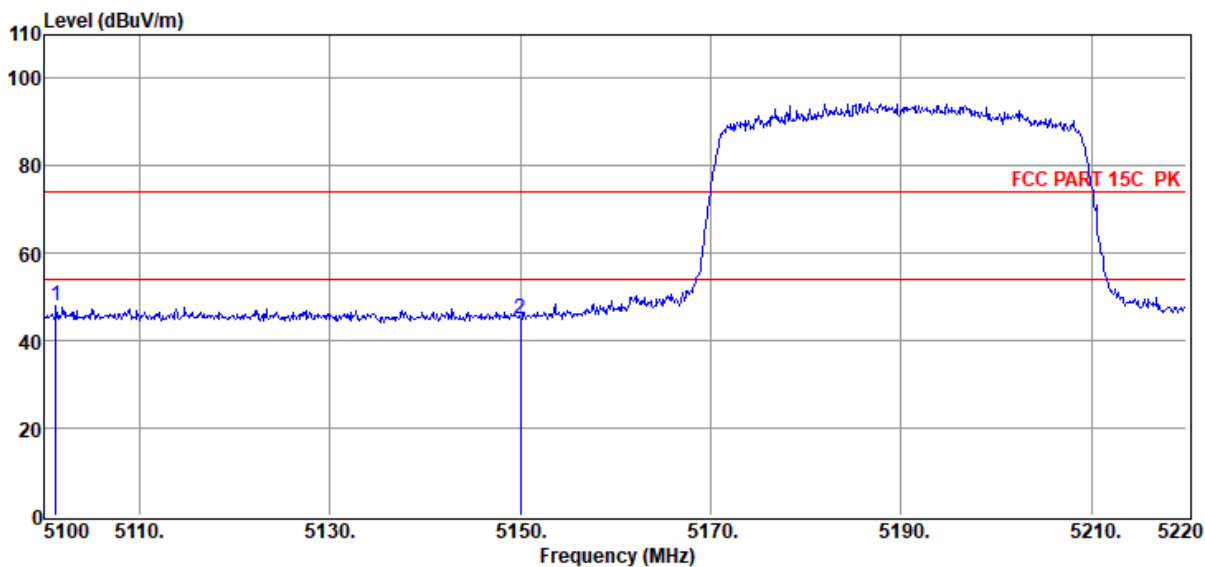
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11AX40 5190

Data: 18



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5101.20	52.06	33.04	40.41	2.55	0.93	48.17	74.00	-25.83	Peak	VERTICAL
2	5150.04	48.93	33.01	40.42	2.55	0.94	45.01	74.00	-28.99	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

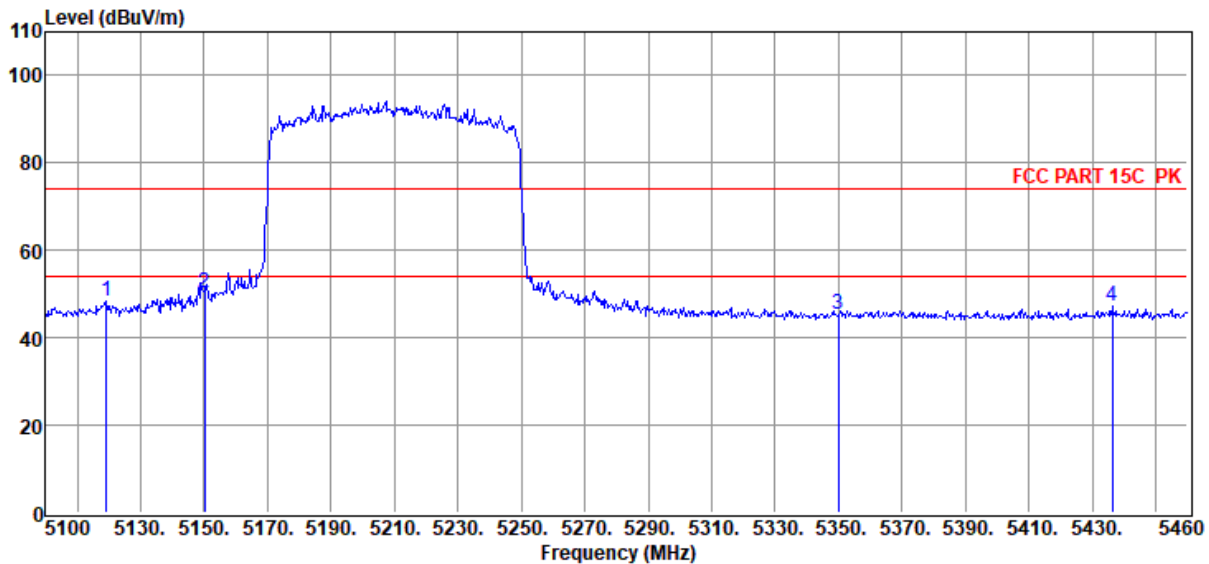
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D
3#/3m/HORIZONTAL

Memo : 11AX80 5210

Data: 19



Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5119.08	52.37	33.03	40.41	2.55	0.94	48.48	74.00	-25.52	Peak	HORIZONTAL
2	5150.04	54.05	33.01	40.42	2.55	0.94	50.13	74.00	-23.87	Peak	HORIZONTAL
3	5349.84	49.17	32.89	40.43	2.56	0.99	45.18	74.00	-28.82	Peak	HORIZONTAL
4	5436.24	51.10	32.84	40.44	2.57	1.01	47.08	74.00	-26.92	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Site : DDT 3m Chamber 3#

C:\E3 6.111\2022 Report Data\Q22011714-2E M6a\FCC ABOVE 1G 5G .EM6

Test Date : 2022-03-08

Tested By : James Gan

EUT : M6a Mesh Wi-Fi Router

Model Number : M6a

Power Supply : AC 120V/60Hz

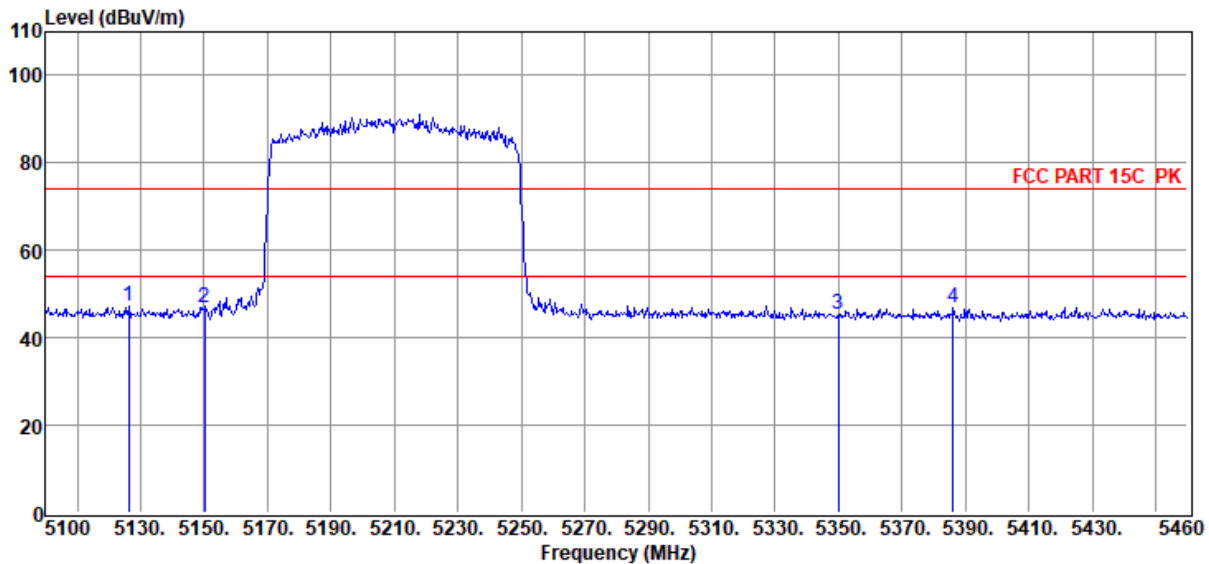
Test Mode : Tx Mode

Condition : Temp:24.5°C,Humi:55%,Press:100.1kPa

Antenna/Distance : 2021 BBHA 9120D 3#/3m/VERTICAL

Memo : 11AX80 5210

Data: 20



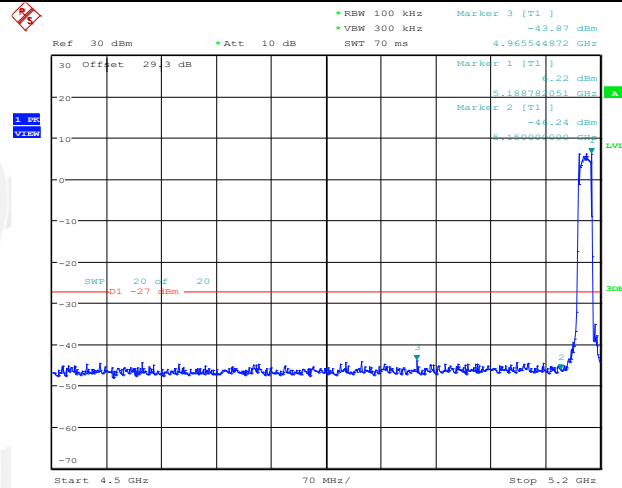
Item (Mark)	Freq. (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	PRM Factor dB	Cable Loss dB	Filter Factor dB	Result Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5126.28	51.11	33.02	40.41	2.55	0.94	47.21	74.00	-26.79	Peak	VERTICAL
2	5150.04	50.62	33.01	40.42	2.55	0.94	46.70	74.00	-27.30	Peak	VERTICAL
3	5349.84	49.32	32.89	40.43	2.56	0.99	45.33	74.00	-28.67	Peak	VERTICAL
4	5386.20	50.72	32.87	40.44	2.56	1.00	46.71	74.00	-27.29	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss + Filter Factor - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

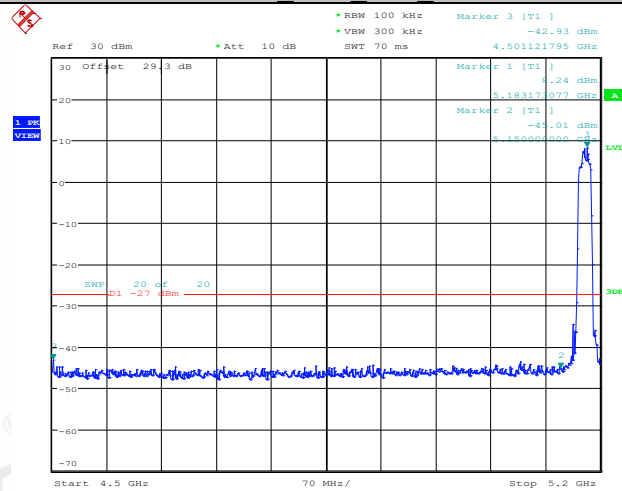
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

11A Ant1 Low 5180



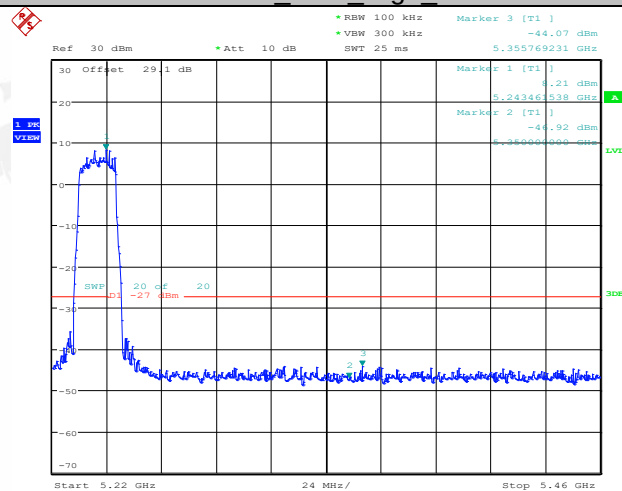
Date: 7.MAR.2022 16:07:33

11A Ant2 Low 5180



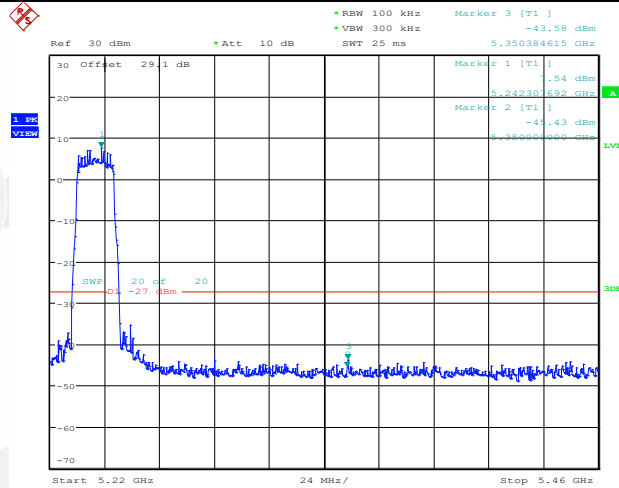
Date: 7.MAR.2022 16:53:43

11A Ant1 High 5240

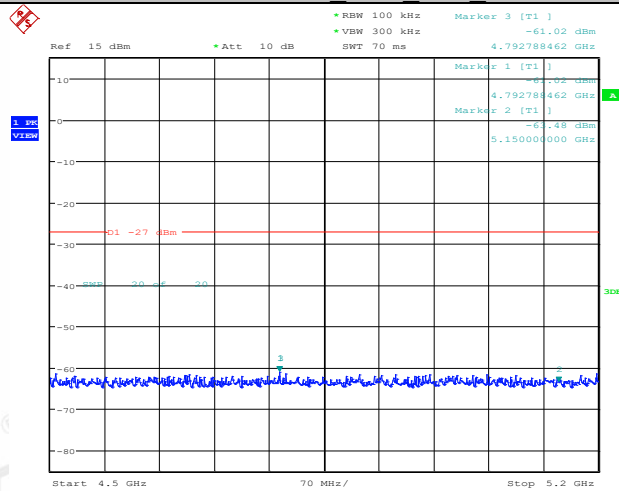


Date: 7.MAR.2022 16:20:52

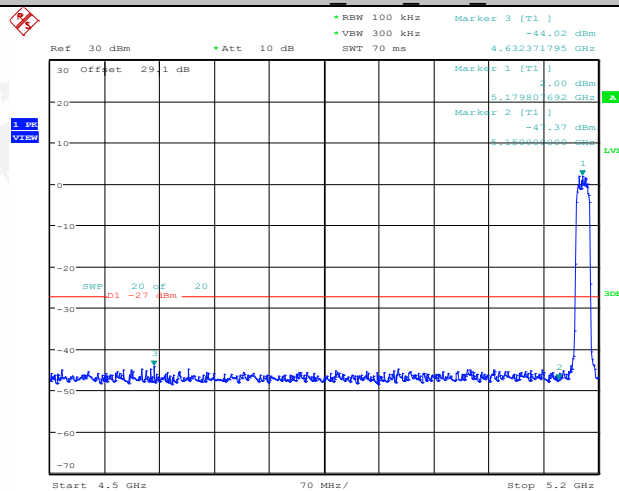
11A_Ant2_High_5240



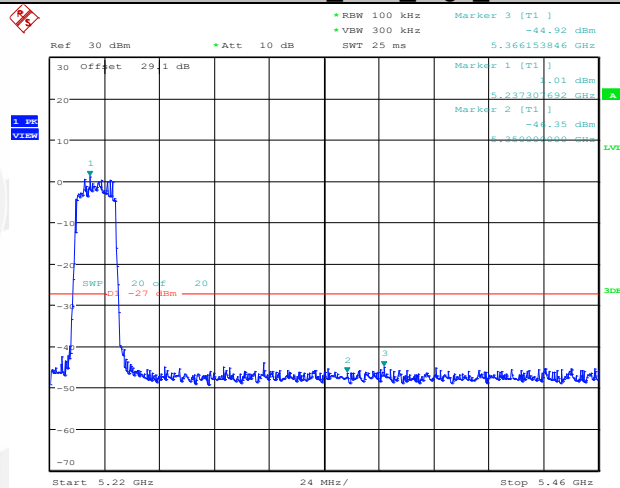
11N20MIMO_Ant1_Low_5180



11N20MIMO_Ant2_Low_5180

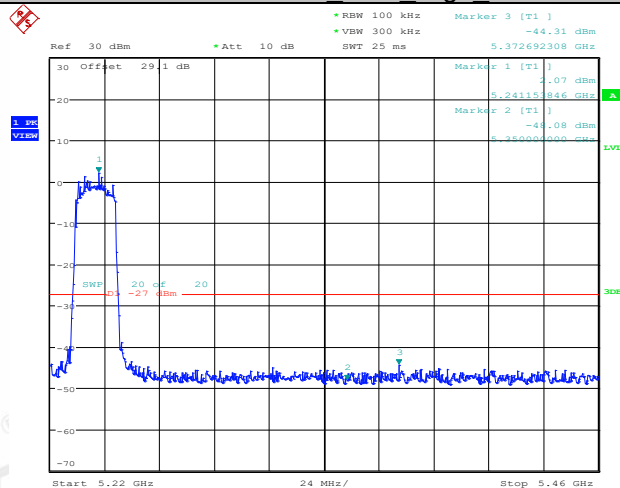


11N20MIMO_Ant1_High_5240



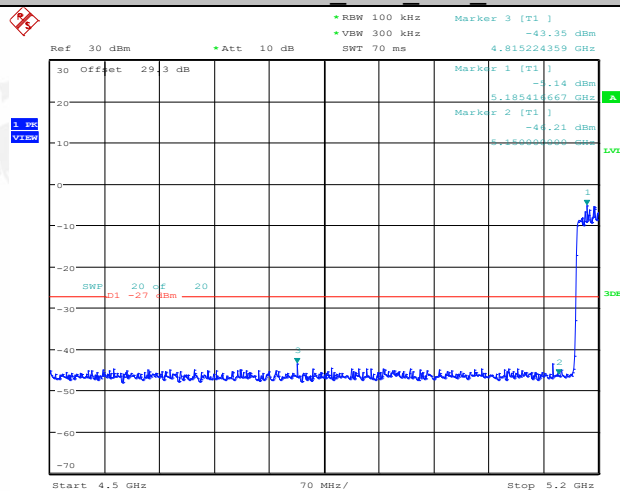
Date: 7.MAR.2022 17:56:55

11N20MIMO_Ant2_High_5240



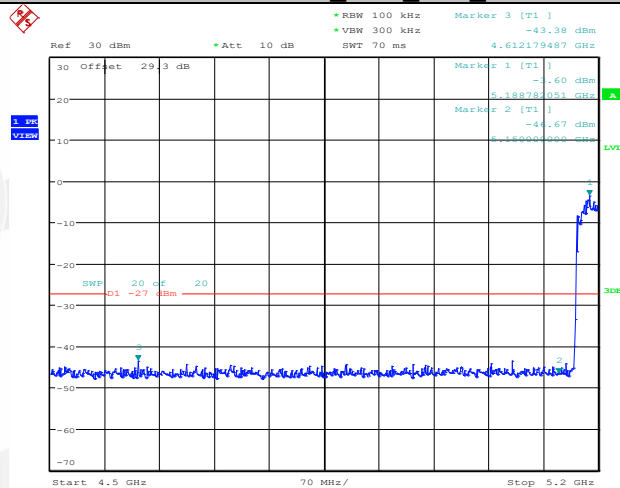
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11N40MIMO_Ant1_Low_5190



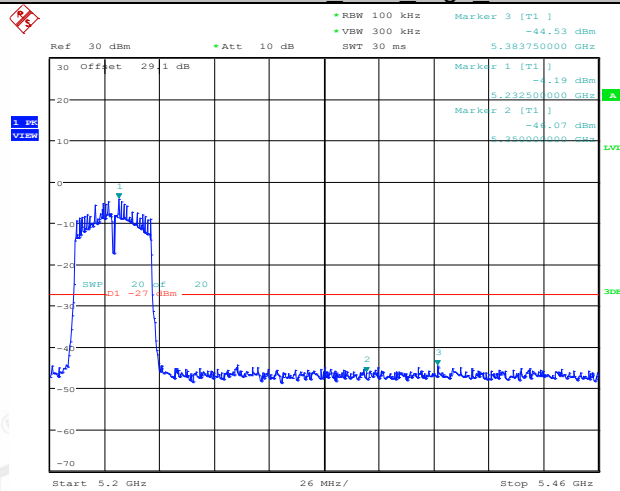
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11N40MIMO Ant2 Low 5190



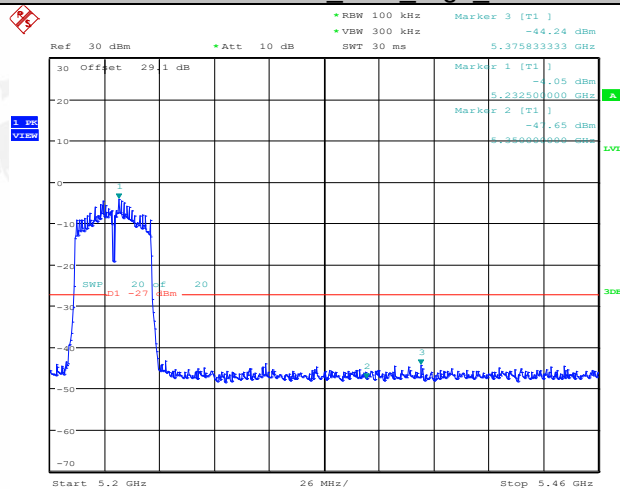
Date: 7.MAR.2022 20:39:11

11N40MIMO Ant1 High 5230



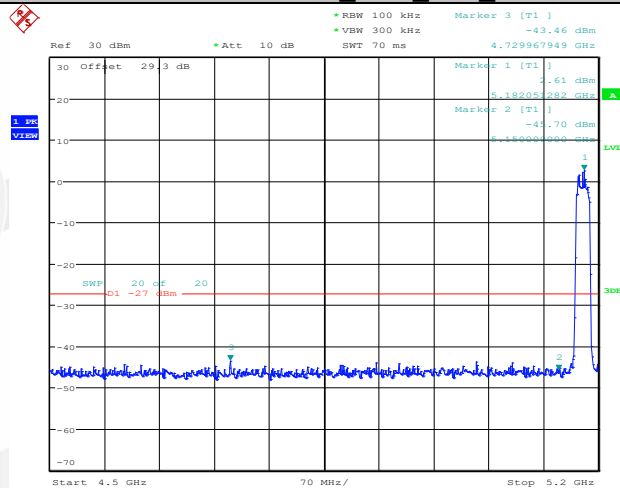
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11N40MIMO Ant2 High 5230



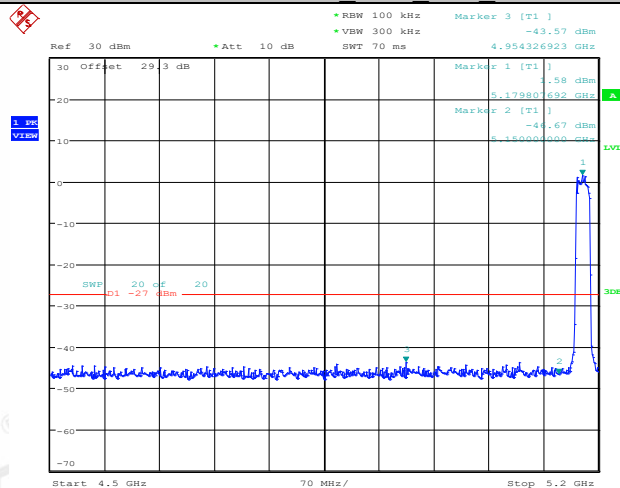
Date: 7.MAR.2022 20:56:06

11AC20MIMO Ant1 Low 5180



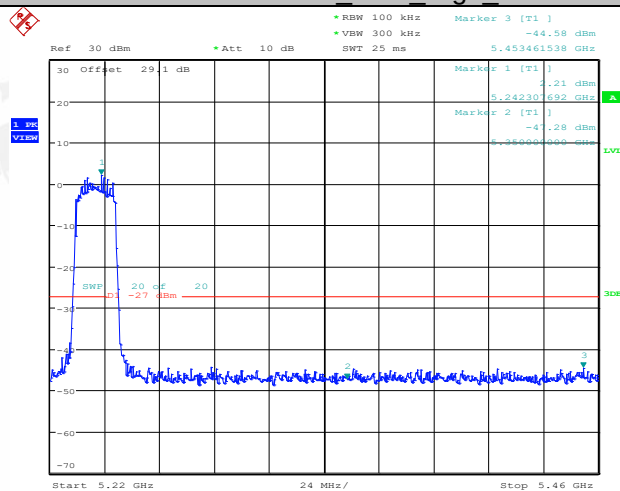
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11AC20MIMO Ant2 Low 5180



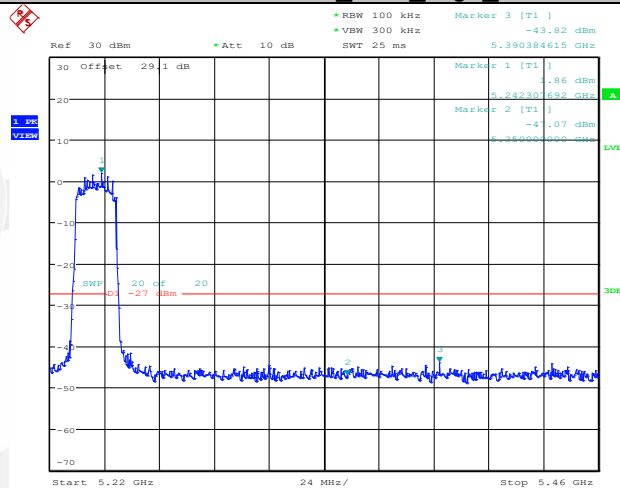
Date: 8.MAR.2022 08:58:45

11AC20MIMO Ant1 High 5240



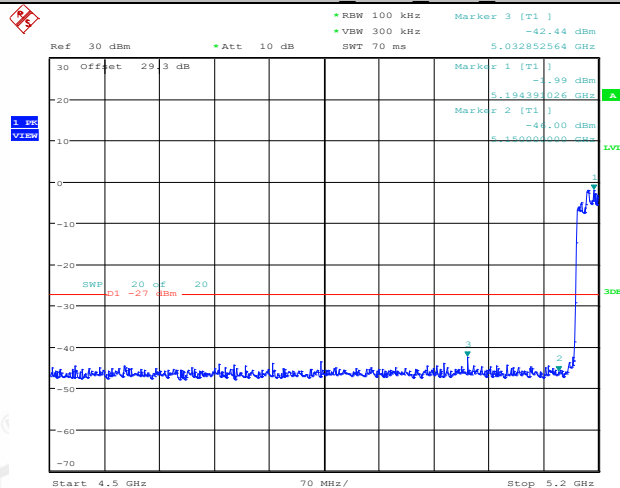
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11AC20MIMO_Ant2_High_5240



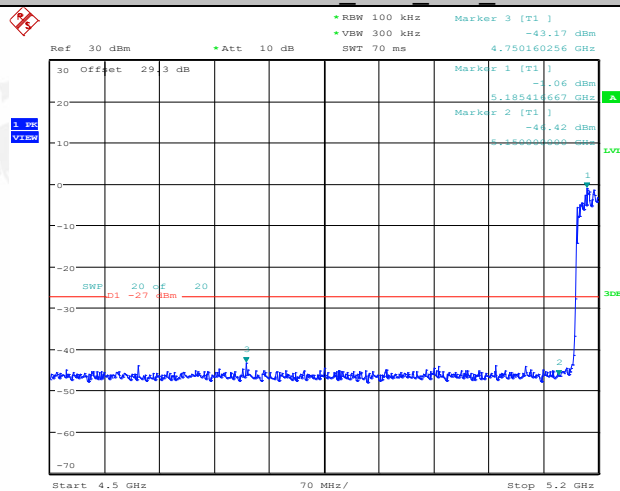
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11AC40MIMO_Ant1_Low_5190



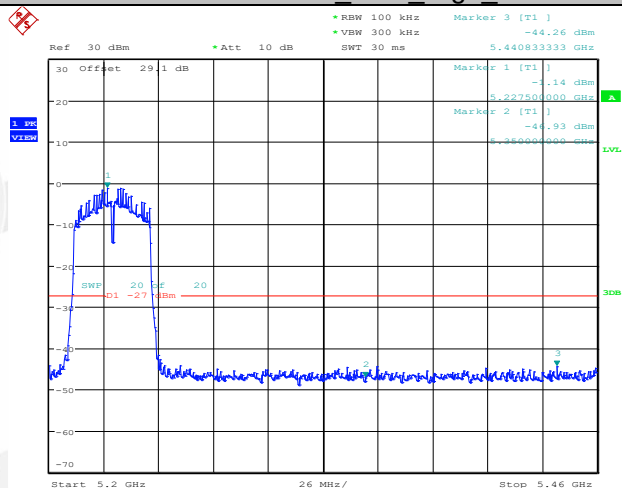
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11AC40MIMO_Ant2_Low_5190

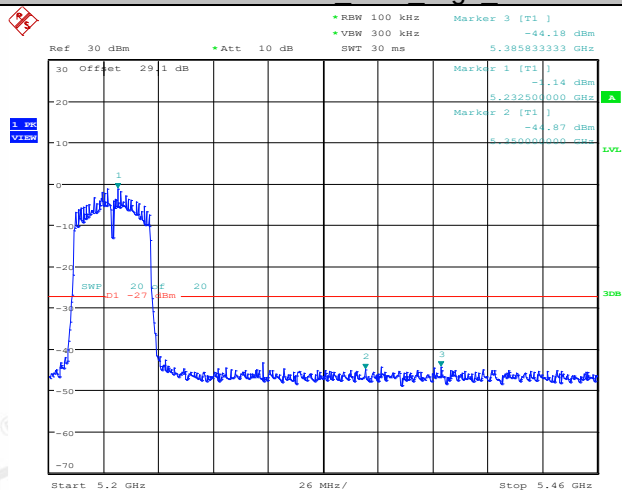


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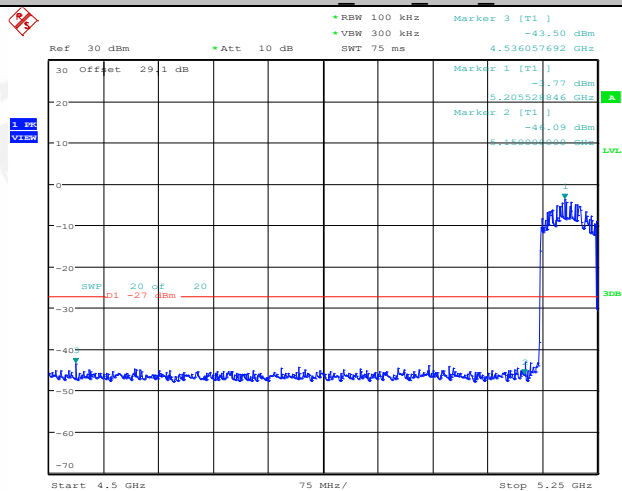
11AC40MIMO Ant1 High 5230



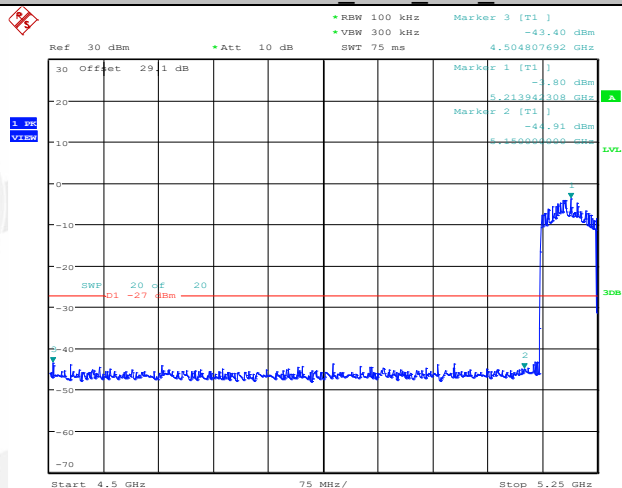
11AC40MIMO Ant2 High 5230



11AC80MIMO Ant1 Low 5210

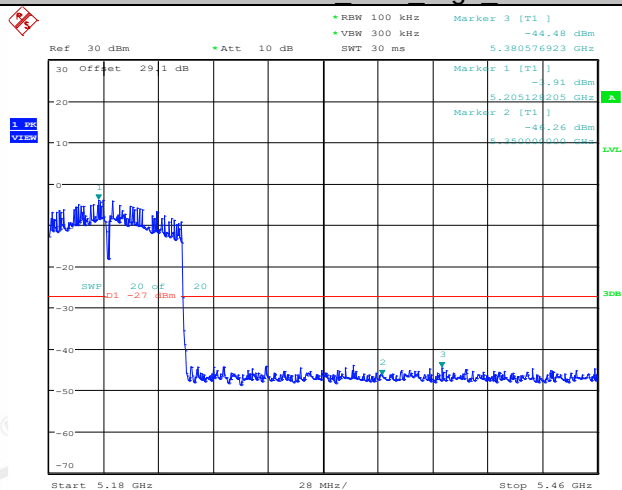


11AC80MIMO Ant2 Low 5210



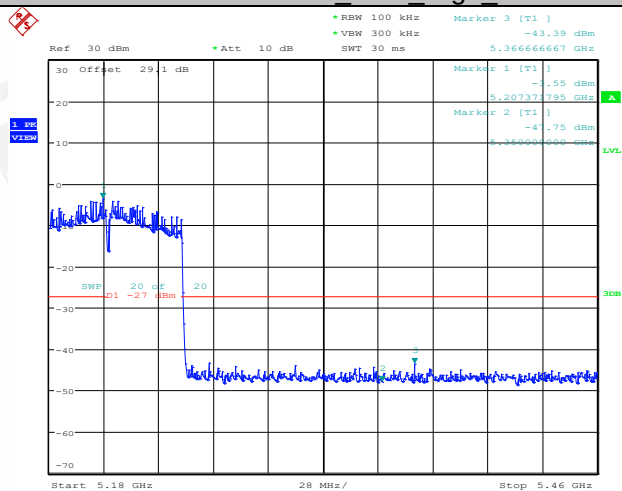
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11AC80MIMO Ant1 High 5210



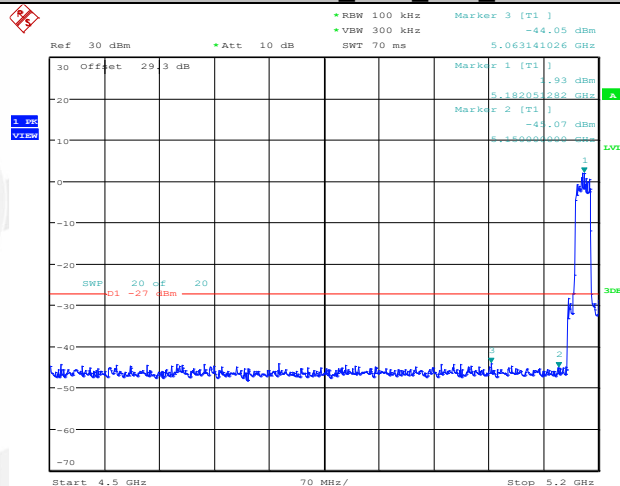
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11AC80MIMO Ant2 High 5210



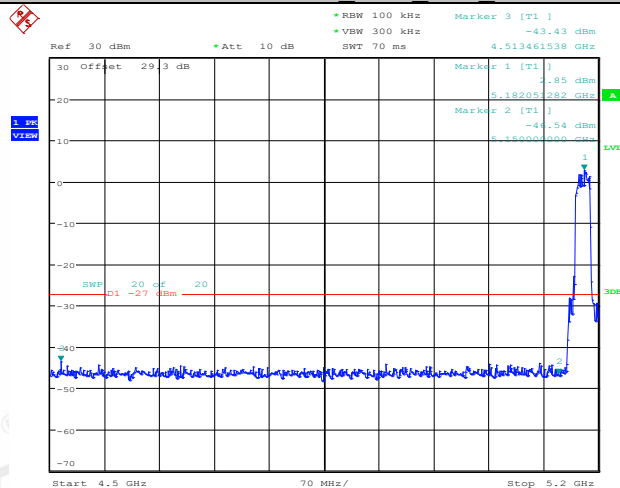
Date: 8.MAR.2022 10:39:32

11AX20MIMO Ant1 Low 5180



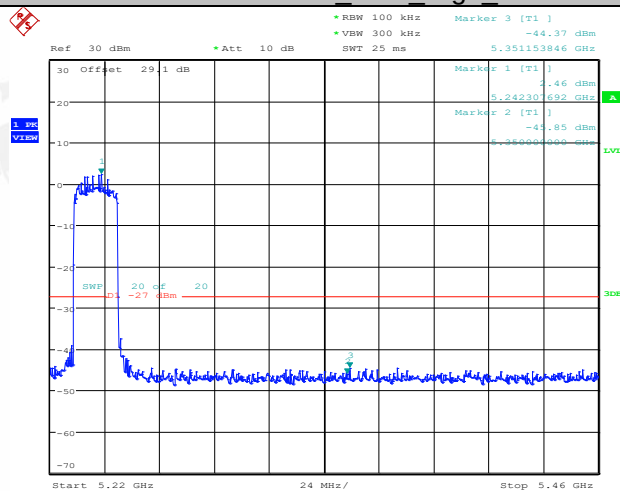
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11AX20MIMO Ant2 Low 5180



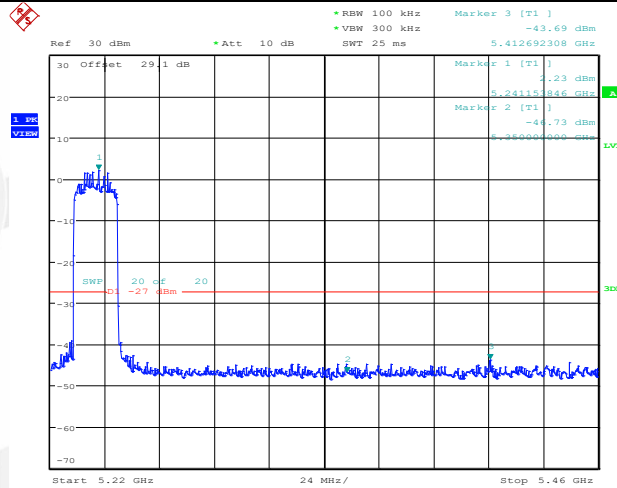
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11AX20MIMO Ant1 High 5240



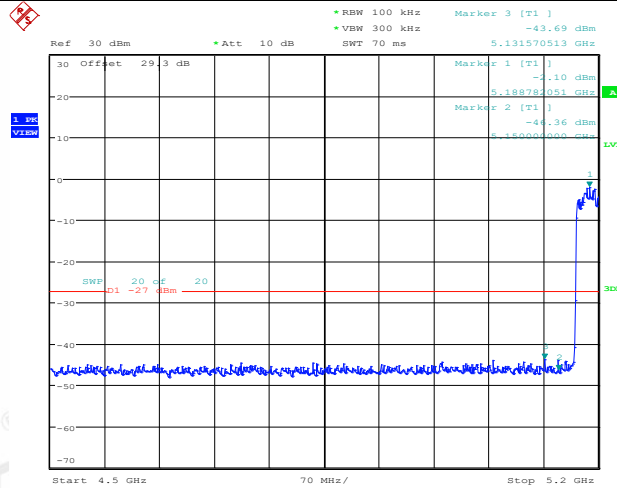
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11AX20MIMO Ant2 High 5240



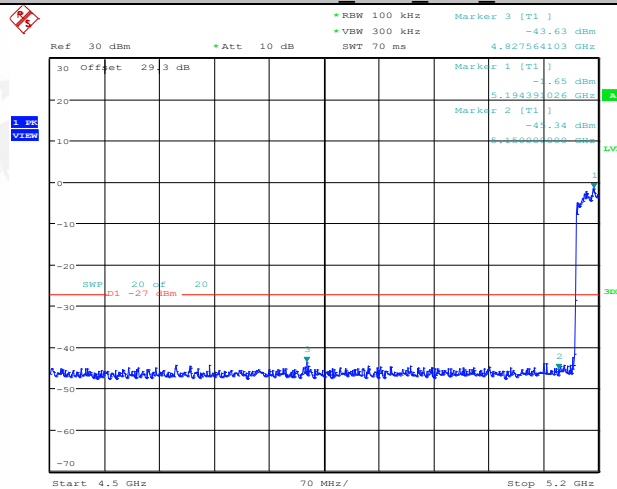
Date: 8.MAR.2022 11:47:40

11AX40MIMO Ant1 Low 5190



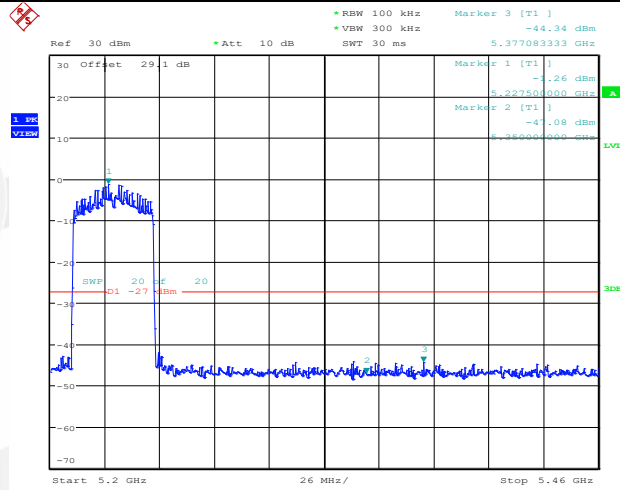
Date: 8.MAR.2022 14:14:26

11AX40MIMO Ant2 Low 5190



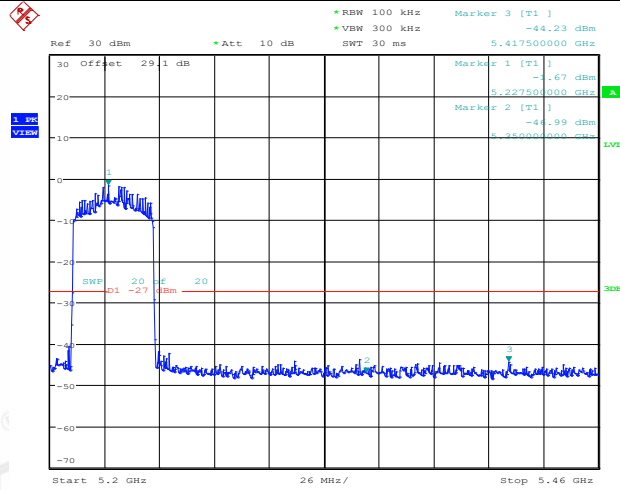
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11AX40MIMO Ant1 High 5230



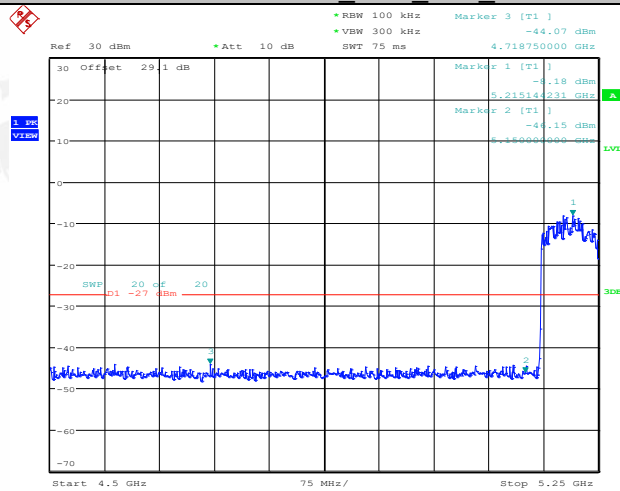
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11AX40MIMO Ant2 High 5230



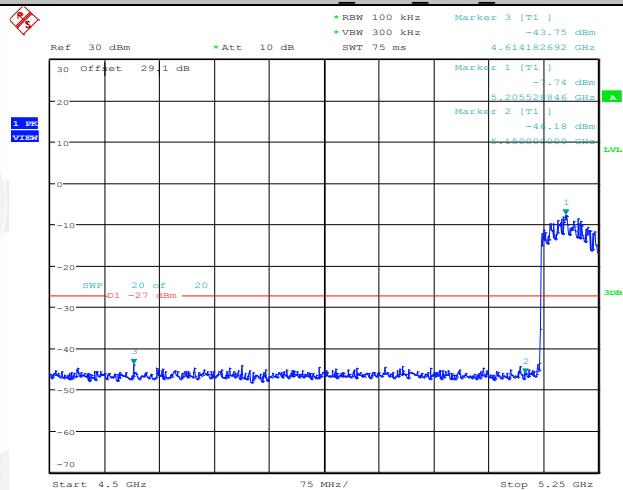
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11AX80MIMO Ant1 Low 5210



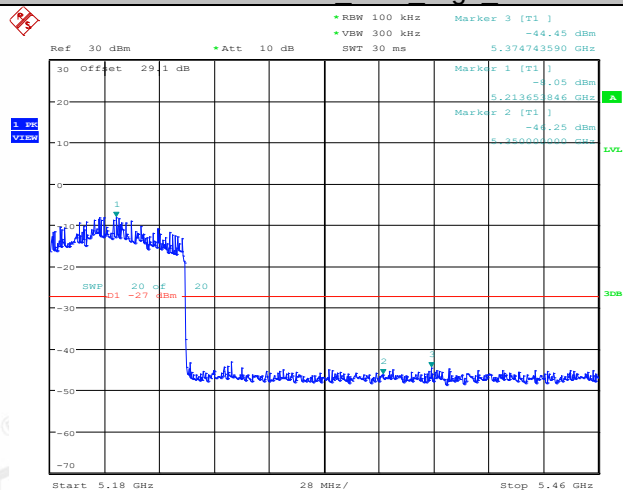
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11AX80MIMO Ant2 Low 5210



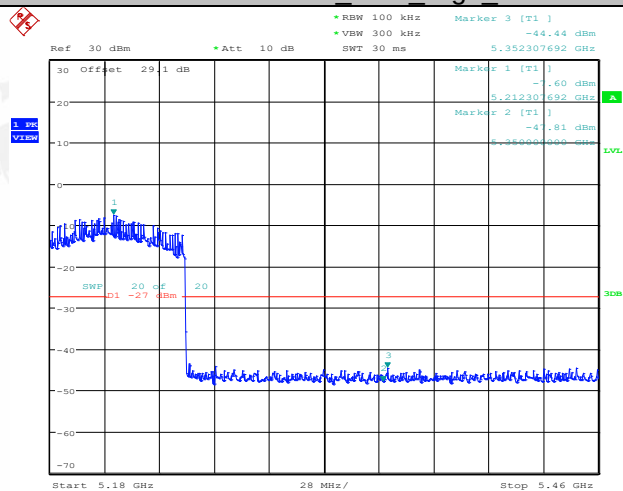
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11AX80MIMO Ant1 High 5210



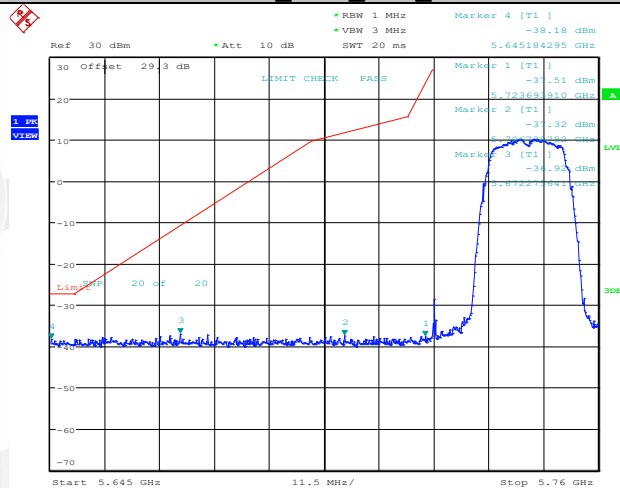
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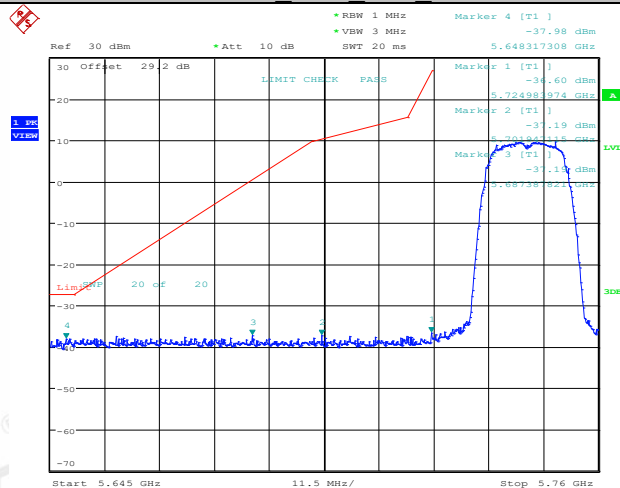


Date: 8.MAR.2022 15:05:25

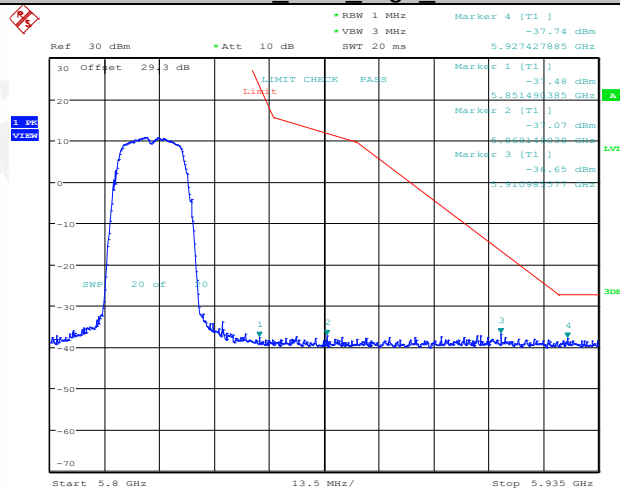
11A Ant1 Low 5745



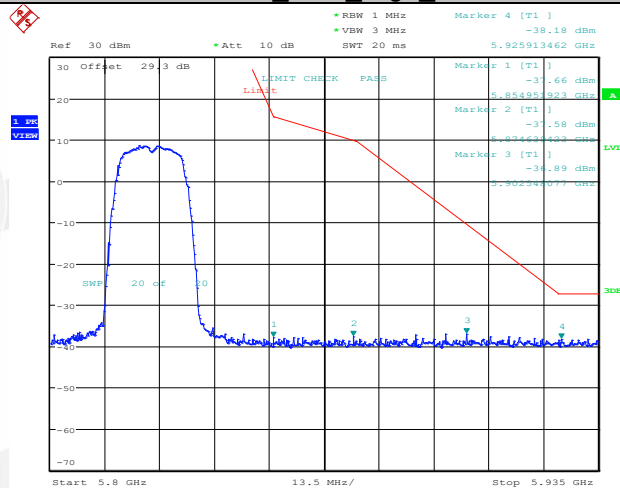
11A Ant2 Low 5745



11A Ant1 High 5825

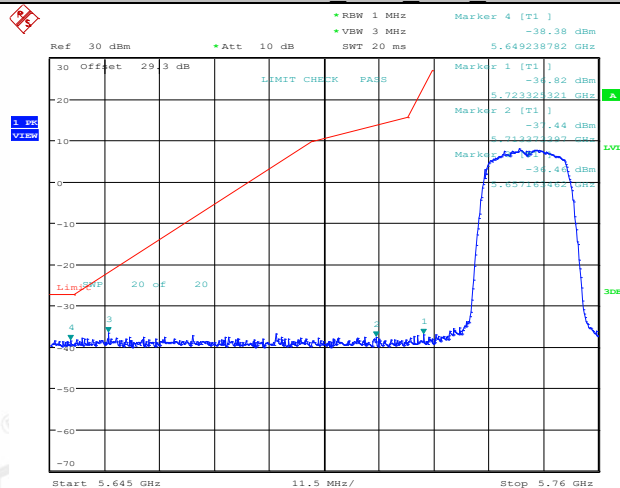


11A Ant2 High 5825



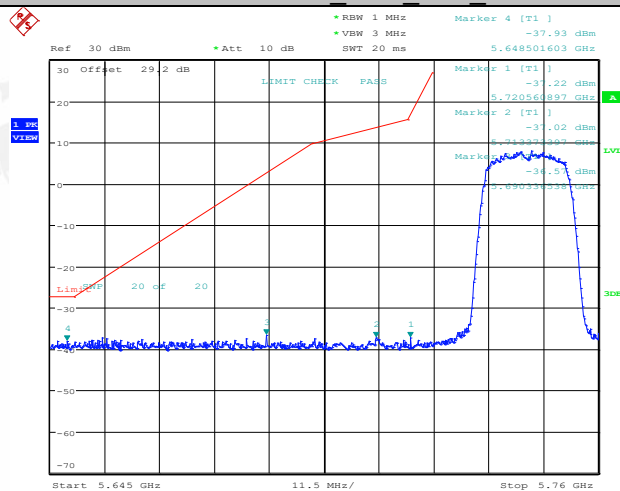
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11N20MIMO Ant1 Low 5745



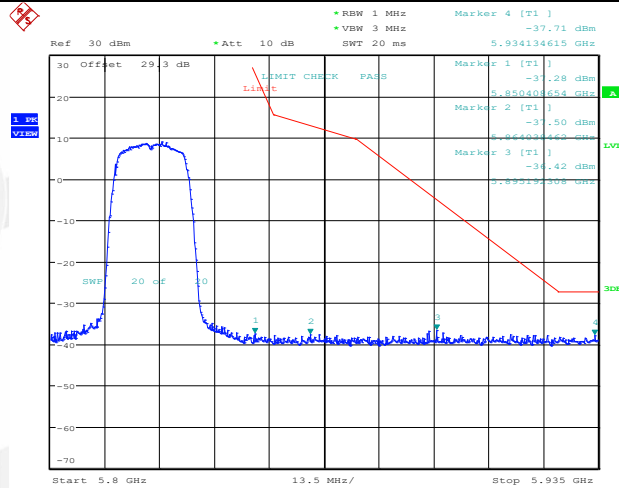
Date: 11.MAR.2022 09:26:50

11N20MIMO Ant2 Low 5745



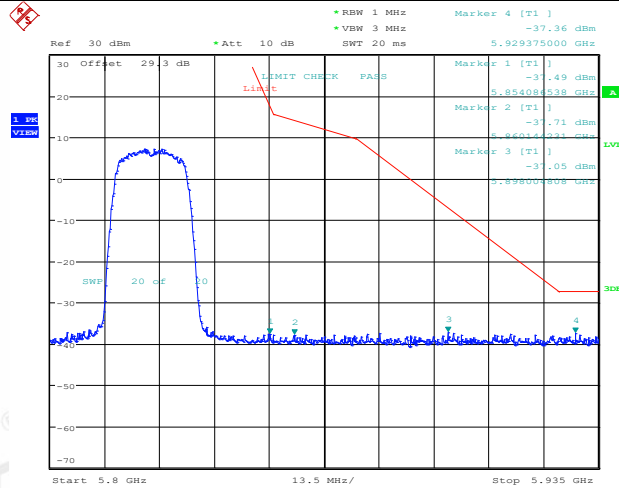
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11N20MIMO_Ant1_High_5825



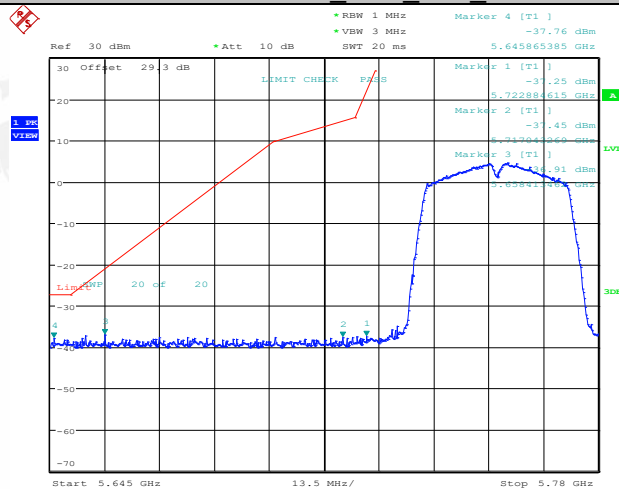
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11N20MIMO_Ant2_High_5825



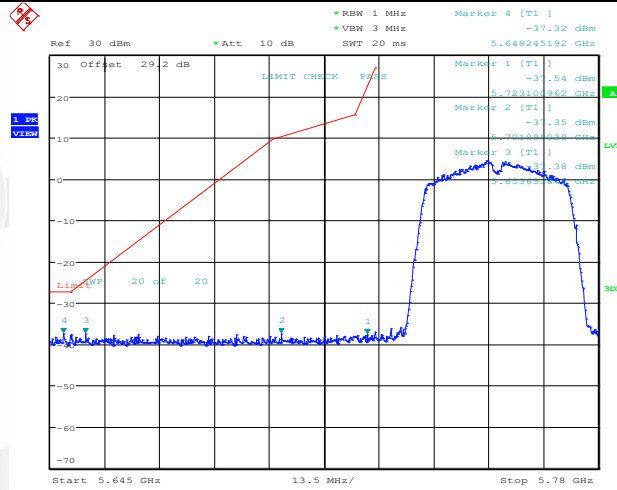
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11N40MIMO_Ant1_Low_5755



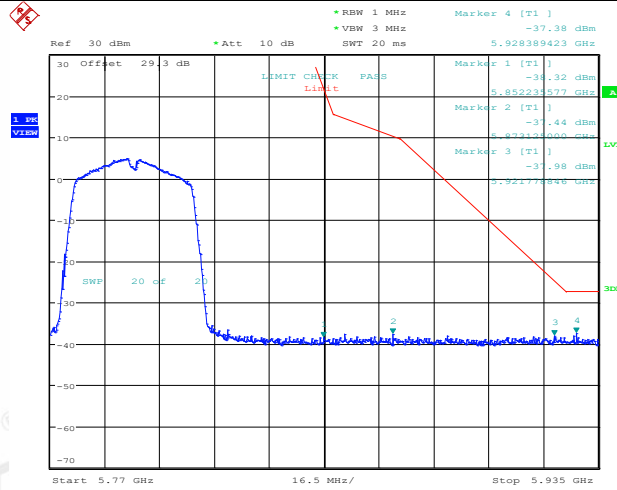
Date: 7.MAR.2022 21:02:35

11N40MIMO Ant2 Low 5755



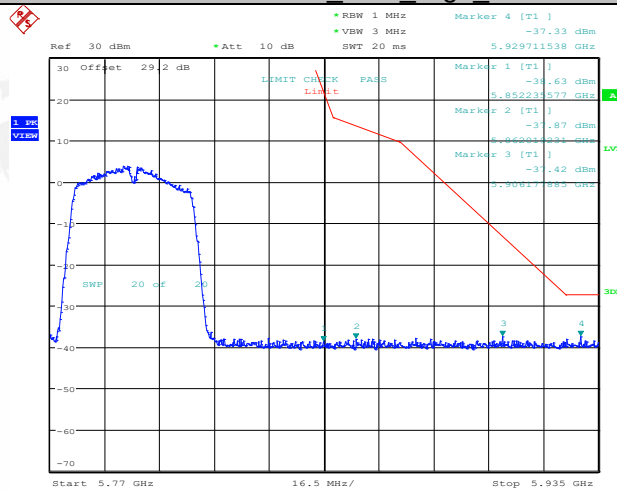
Date: 7.MAR.2022 21:10:42

11N40MIMO Ant1 High 5795



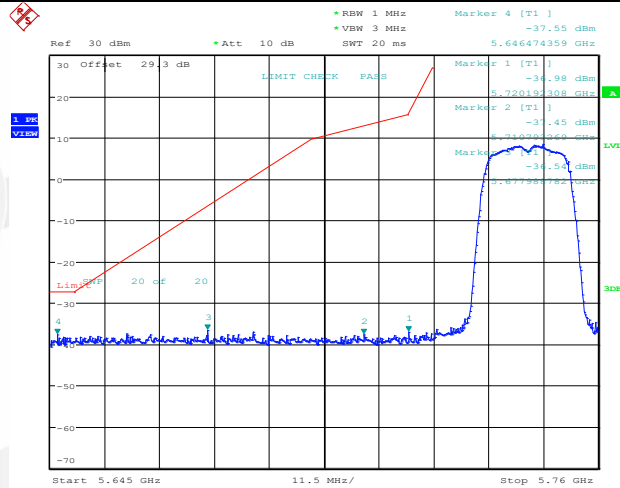
Date: 8.MAR.2022 08:49:54

11N40MIMO Ant2 High 5795



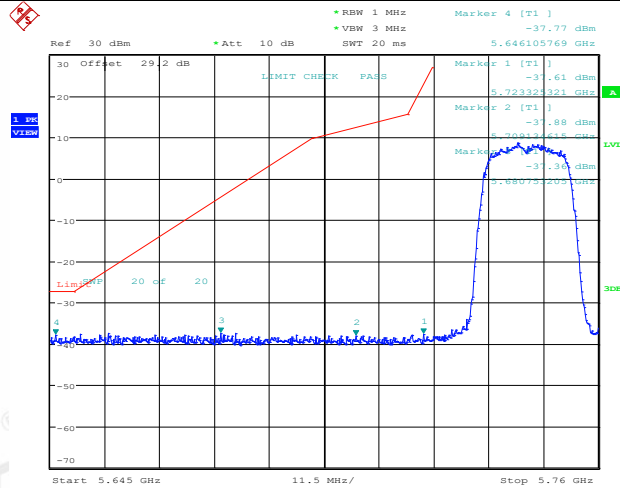
Date: 8.MAR.2022 08:51:02

11AC20MIMO Ant1 Low 5745



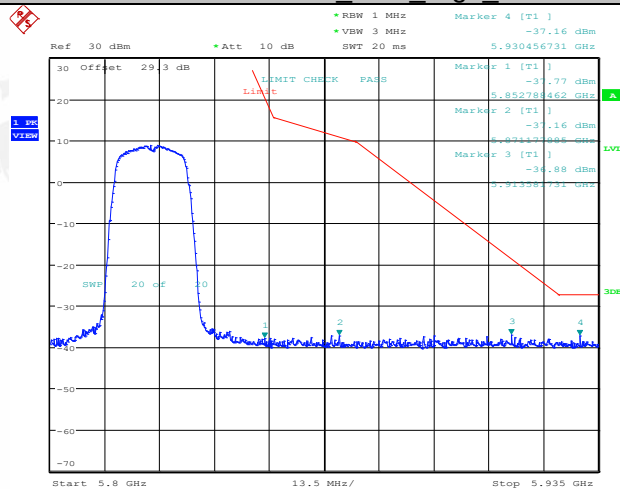
Date: 8.MAR.2022 09:25:17

11AC20MIMO Ant2 Low 5745



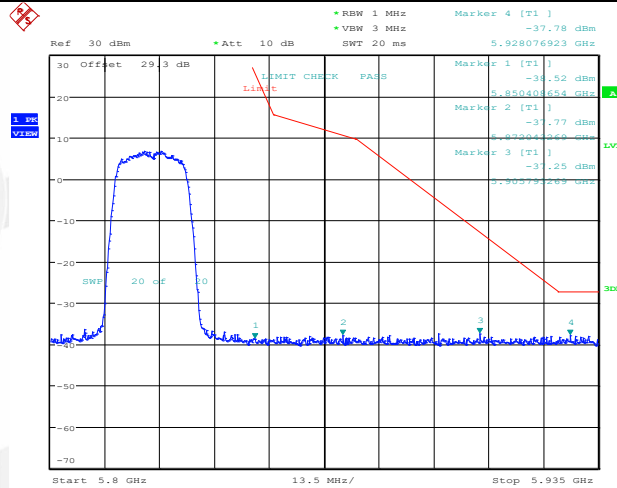
Date: 8.MAR.2022 09:29:40

11AC20MIMO Ant1 High 5825



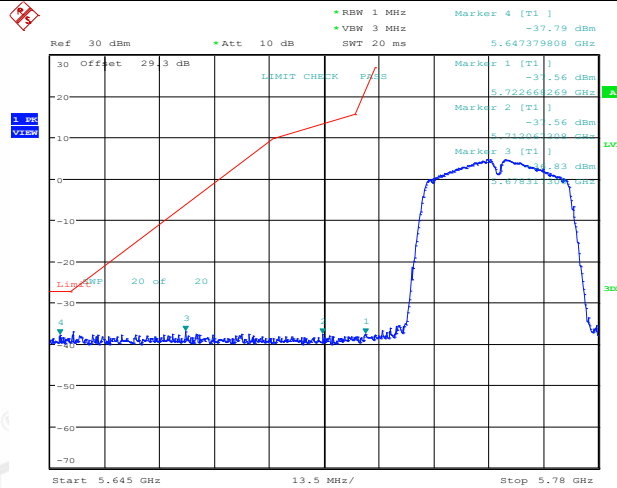
Date: 8.MAR.2022 09:43:34

11AC20MIMO Ant2 High 5825



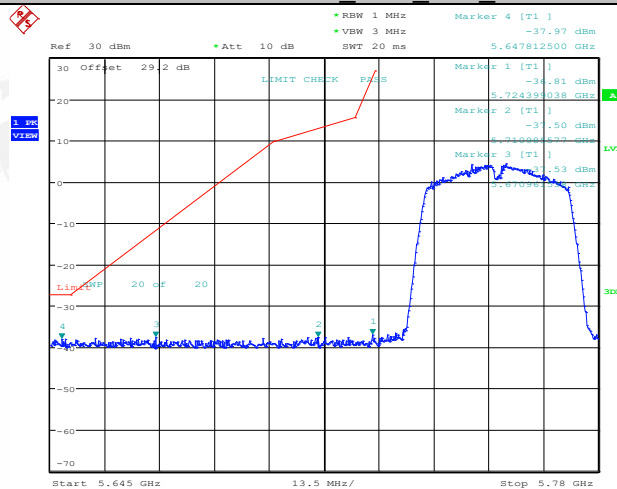
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11AC40MIMO Ant1 Low 5755



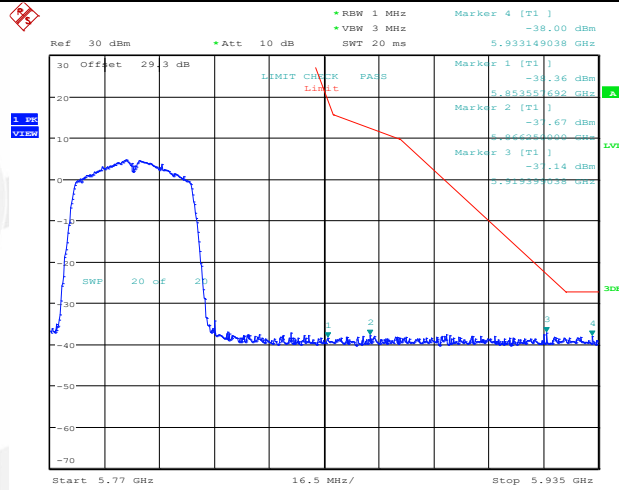
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11AC40MIMO Ant2 Low 5755



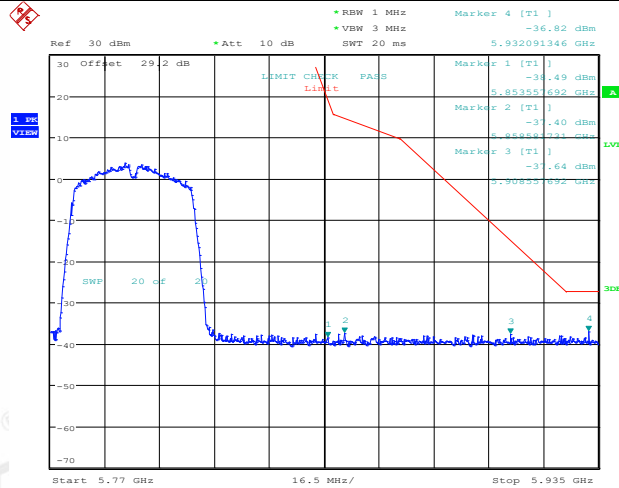
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11AC40MIMO Ant1 High 5795



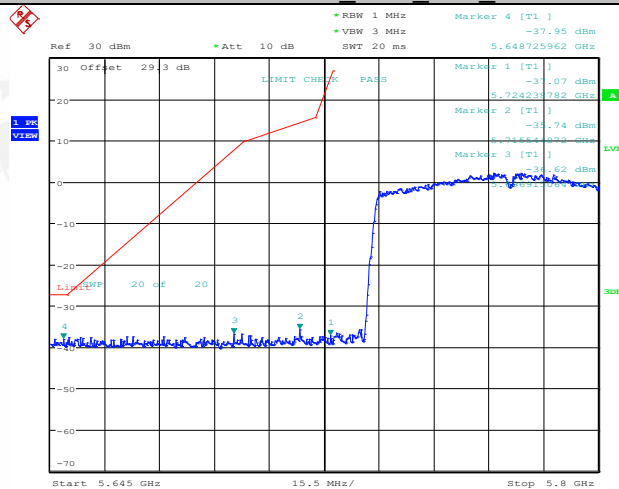
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11AC40MIMO Ant2 High 5795



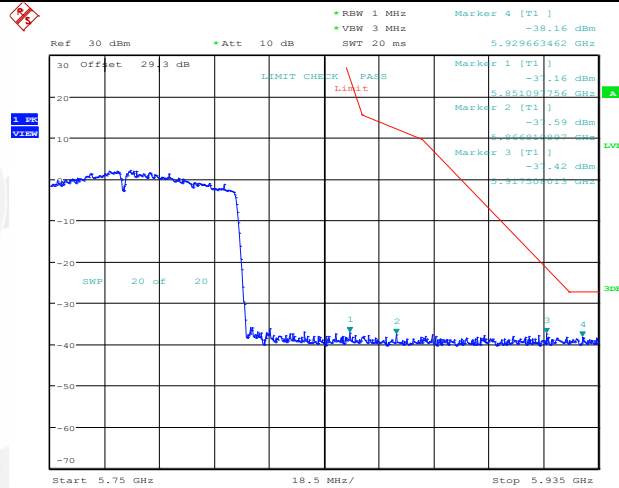
Date: 8.MAR.2022 10:27:04

11AC80MIMO Ant1 Low 5775



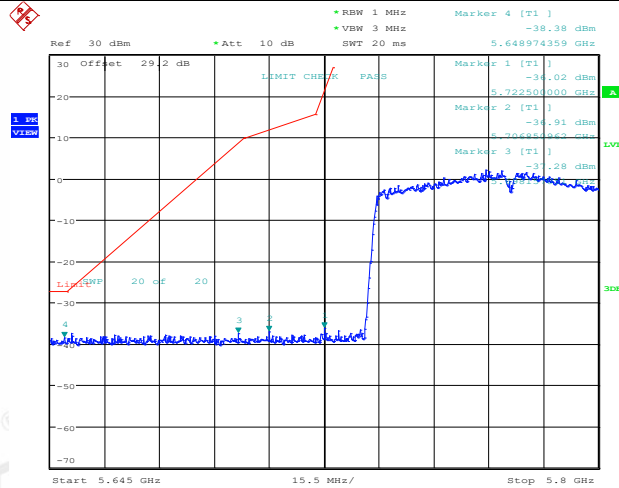
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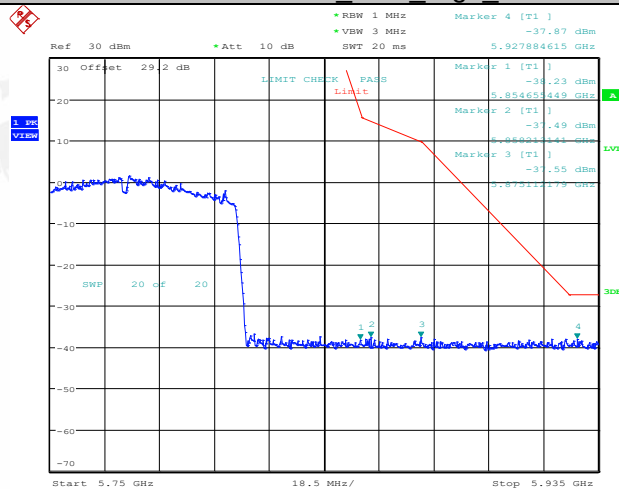
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11AC80MIMO Ant2 Low 5775



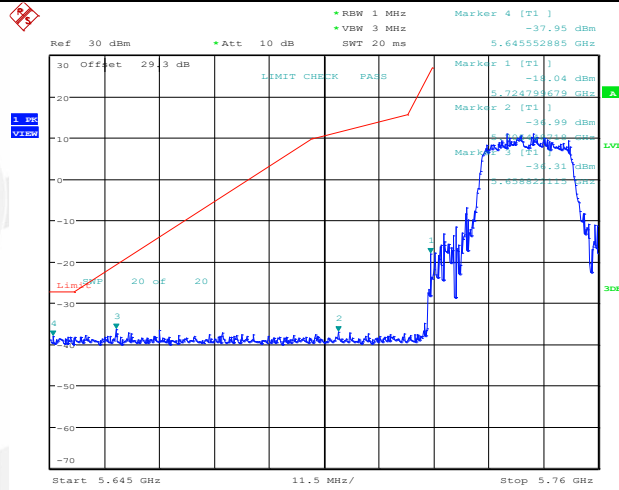
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11AC80MIMO Ant2 High 5775



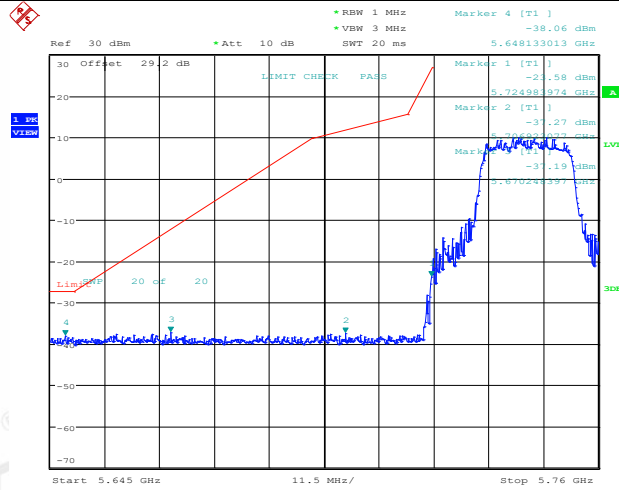
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11AX20MIMO Ant1 Low 5745



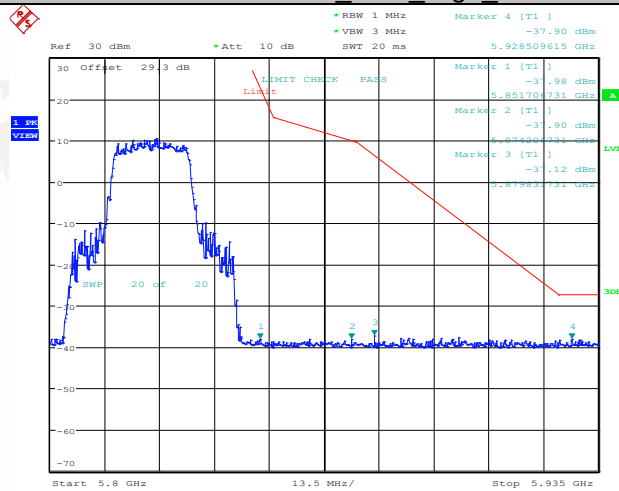
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11AX20MIMO Ant2 Low 5745



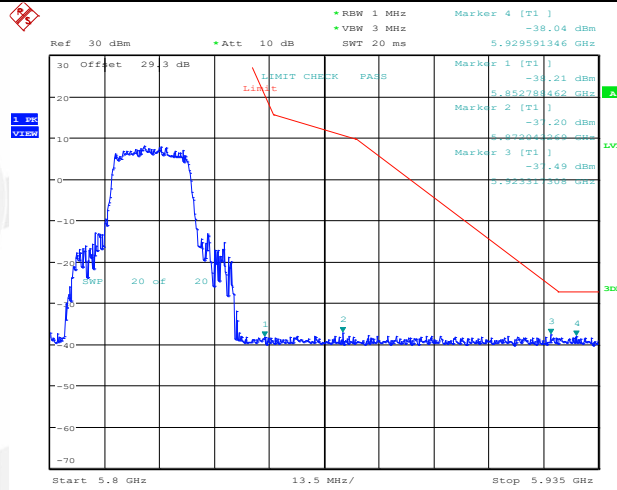
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11AX20MIMO Ant1 High 5825



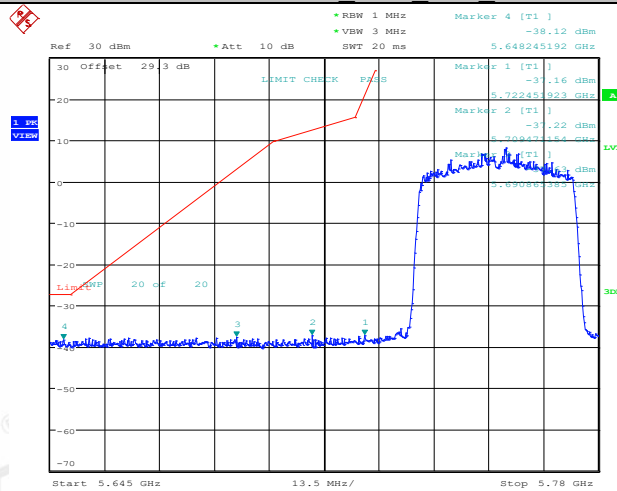
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11AX20MIMO Ant2 High 5825



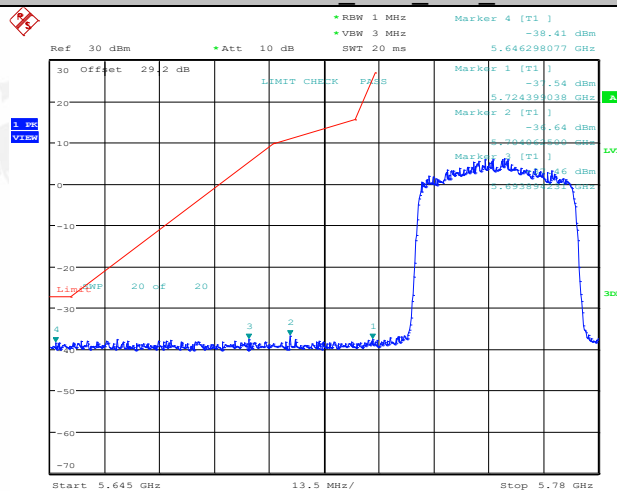
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11AX40MIMO Ant1 Low 5755



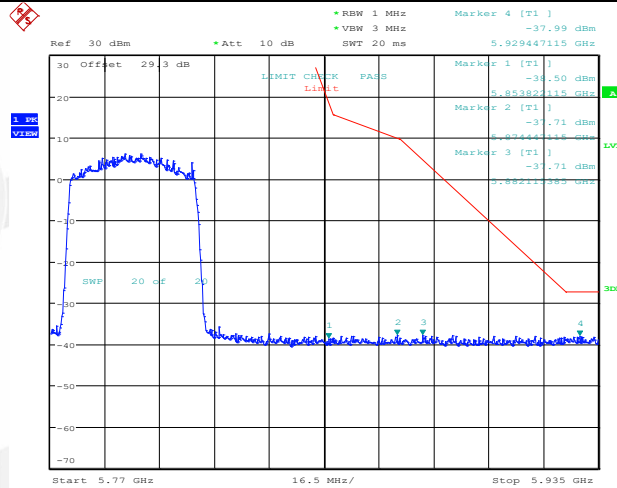
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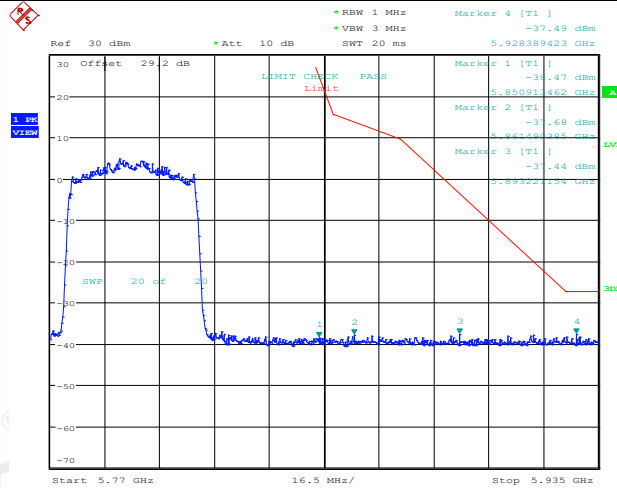
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11AX40MIMO Ant1 High 5795



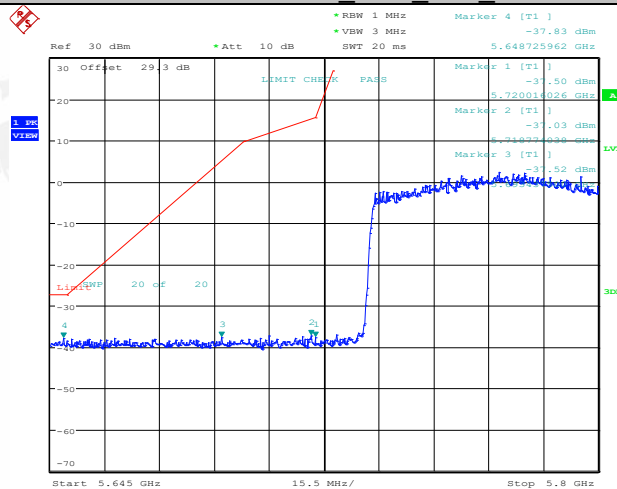
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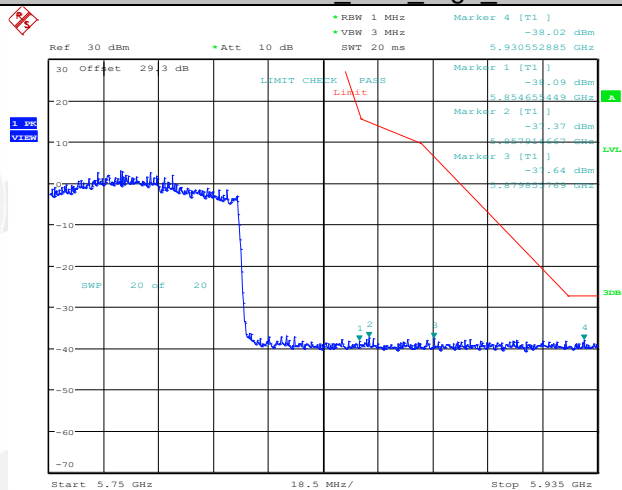
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11AX80MIMO Ant1 Low 5775



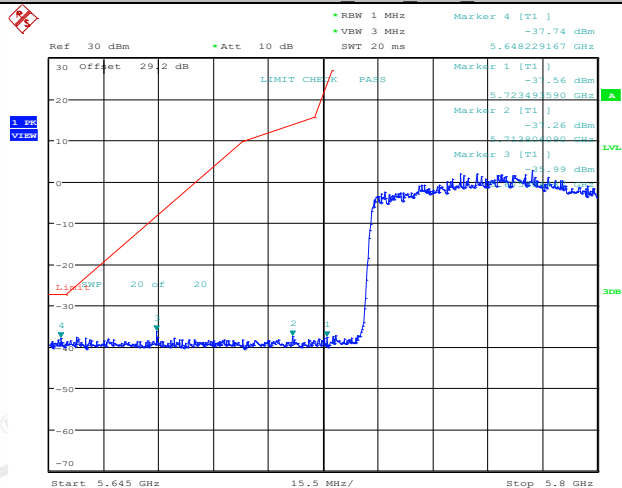
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11AX80MIMO Ant1 High 5775



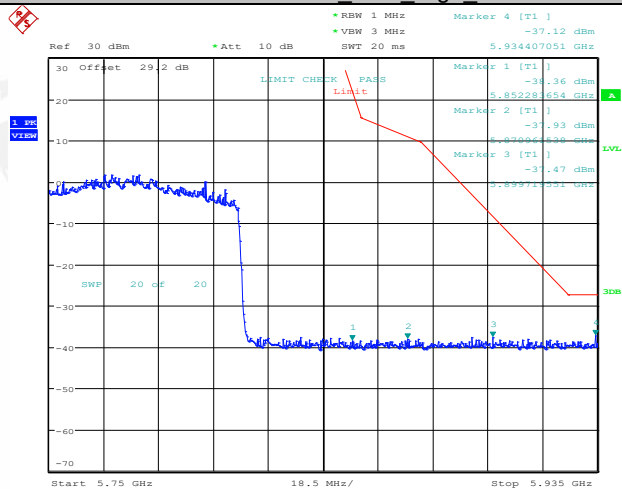
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11AX80MIMO Ant2 Low 5775



Date: 8.MAR.2022 15:21:14

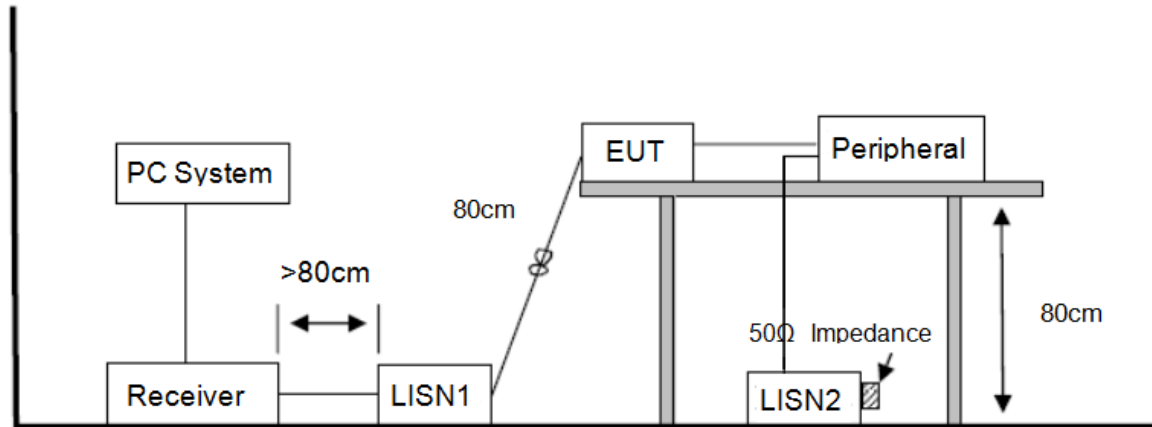
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Date: 8.MAR.2022 15:21:39

10. Power Line Conducted Emission

10.1. Block diagram of test setup



10.2. Power line conducted emission limits (Class B)

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150 kHz ~ 500 kHz	66 ~ 56*	56 ~ 46*
500 kHz ~ 5 MHz	56	46
5 MHz ~ 30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

10.3. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.3 and test equipment as described in clause 10.2 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.3 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.
EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

10.4. Test result

Pass. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

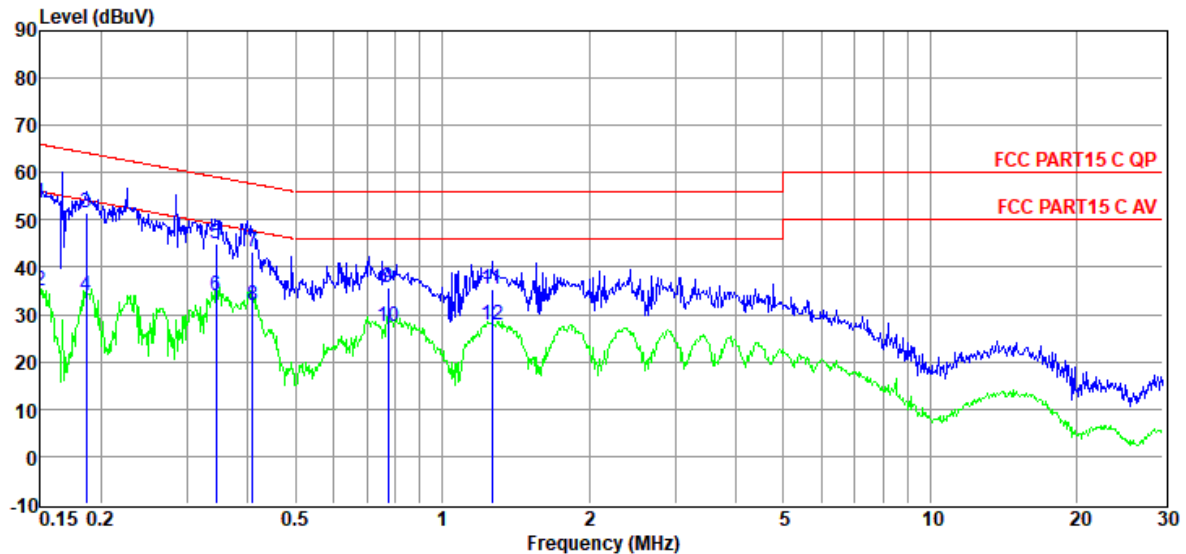
Note2: "----" means Peak detection; "----" means Average detection.

Note3: Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded worse case.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room **D:\2022 CE report date\Q22011714-1E\20220217 CE.EM6**
Test Date : 2022-02-17 **Tested By** : Bote Huang
EUT : M6a Mesh Wi-Fi Router **Model Number** : M6a
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : TEMP:21.4°C, RH:58.5%, BP:101.4kPa **LISN** : 2021 1# ENV216/LINE
Memo :

Data: 38



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	34.08	9.60	0.01	9.92	53.61	66.00	-12.39	QP	LINE
2	0.15	15.32	9.60	0.01	9.92	34.85	56.00	-21.15	Average	LINE
3	0.19	31.79	9.75	0.01	9.92	51.47	64.20	-12.73	QP	LINE
4	0.19	14.25	9.75	0.01	9.92	33.93	54.20	-20.27	Average	LINE
5	0.34	25.35	9.68	0.02	9.91	44.96	59.09	-14.13	QP	LINE
6	0.34	14.25	9.68	0.02	9.91	33.86	49.09	-15.23	Average	LINE
7	0.41	23.59	9.64	0.02	9.91	43.16	57.68	-14.52	QP	LINE
8	0.41	12.43	9.64	0.02	9.91	32.00	47.68	-15.68	Average	LINE
9	0.78	16.19	9.53	0.03	9.90	35.65	56.00	-20.35	QP	LINE
10	0.78	8.07	9.53	0.03	9.90	27.53	46.00	-18.47	Average	LINE
11	1.26	15.83	9.57	0.03	9.89	35.32	56.00	-20.68	QP	LINE
12	1.26	8.43	9.57	0.03	9.89	27.92	46.00	-18.08	Average	LINE

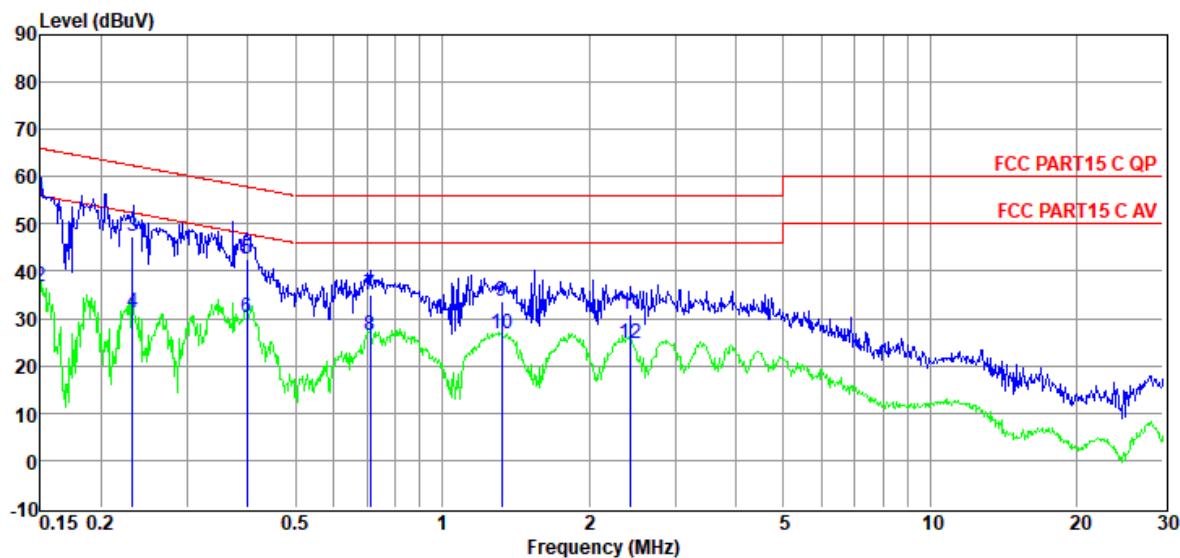
Note:

1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

TR-4-E-010 Conducted Emission Test Result

Test Site : DDT 1# Shield Room **D:\2022 CE report date\Q22011714-1E\20220217 CE.EM6**
Test Date : 2022-02-17 **Tested By** : Bote Huang
EUT : M6a Mesh Wi-Fi Router **Model Number** : M6a
Power Supply : AC 120V/60Hz **Test Mode** : Tx Mode
Condition : TEMP:21.4°C, RH:58.5%, BP:101.4kPa **LISN** : 2021 1# ENV216/NEUTRAL
Memo :

Data: 40



Item	Freq.	Read Level	LISN Factor	Cable Loss	Pulse Limiter Factor	Result Level	Limit Line	Over Limit	Detector	Phase
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)		
1	0.15	34.83	9.80	0.01	9.92	54.56	66.00	-11.44	QP	NEUTRAL
2	0.15	17.06	9.80	0.01	9.92	36.79	56.00	-19.21	Average	NEUTRAL
3	0.23	27.75	9.75	0.02	9.92	47.44	62.39	-14.95	QP	NEUTRAL
4	0.23	11.42	9.75	0.02	9.92	31.11	52.39	-21.28	Average	NEUTRAL
5	0.40	22.94	9.58	0.02	9.91	42.45	57.90	-15.45	QP	NEUTRAL
6	0.40	10.85	9.58	0.02	9.91	30.36	47.90	-17.54	Average	NEUTRAL
7	0.71	15.15	9.80	0.03	9.91	34.89	56.00	-21.11	QP	NEUTRAL
8	0.71	6.85	9.80	0.03	9.91	26.59	46.00	-19.41	Average	NEUTRAL
9	1.32	14.11	9.66	0.04	9.89	33.70	56.00	-22.30	QP	NEUTRAL
10	1.32	7.12	9.66	0.04	9.89	26.71	46.00	-19.29	Average	NEUTRAL
11	2.44	11.39	9.66	0.05	9.90	31.00	56.00	-25.00	QP	NEUTRAL
12	2.44	5.26	9.66	0.05	9.90	24.87	46.00	-21.13	Average	NEUTRAL

Note:

1. Result Level = Read Level + LISN Factor + Pulse Limiter Factor + Cable loss.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

11. Antenna Requirements

11.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.407 (a), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

11.2. Result

The antennas used for this product and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain is 10.01 dBi.

END OF REPORT