

RF Test Data for 5G Wi-Fi (Conducted Measurements)

General Description of EUT	
Product Name:	Projector
Test Model:	H1
Sample ID:	20211018-05-2#
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 10.8V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TB-RF184574	

Contents

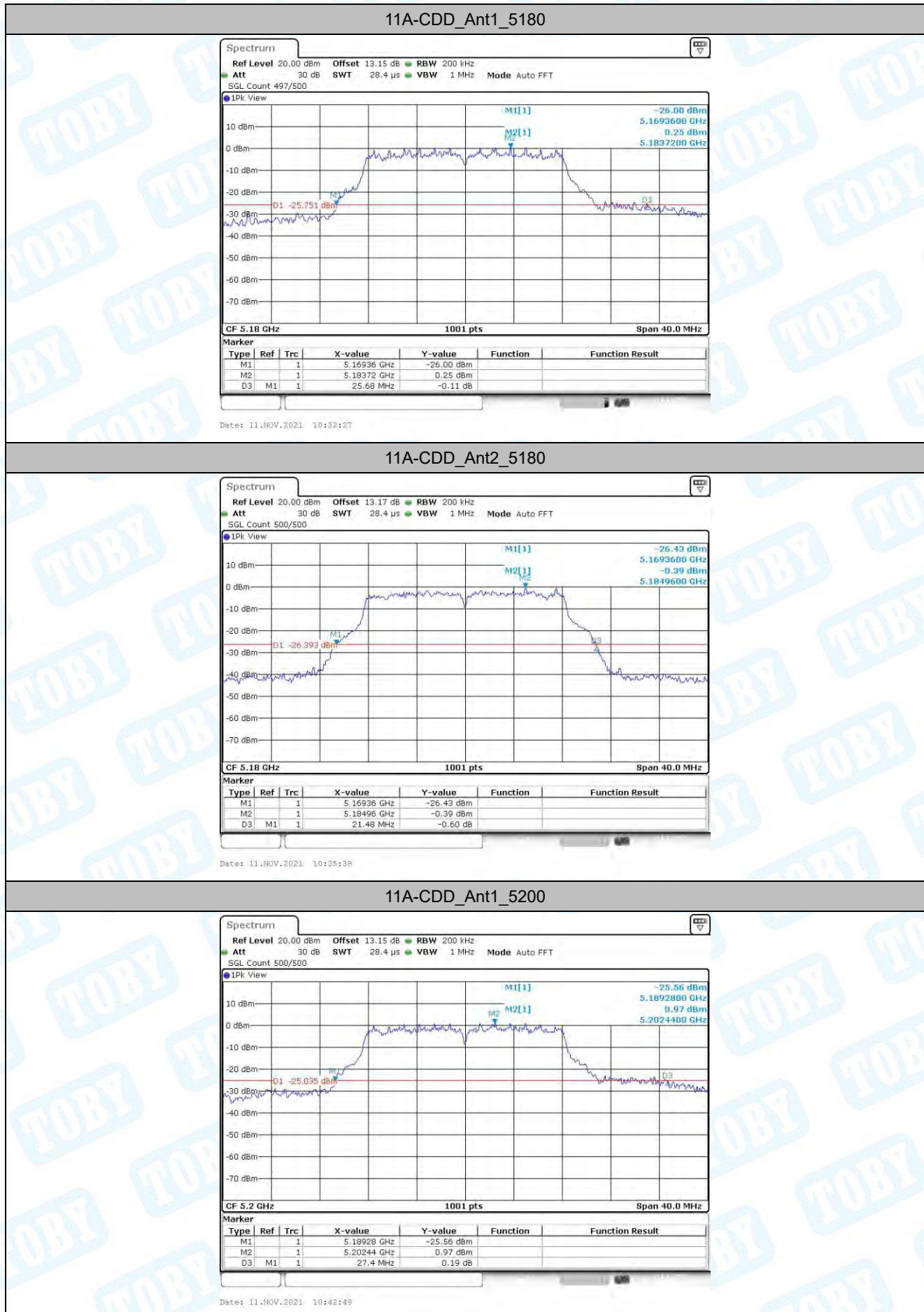
1. Emission Bandwidth	3
1.1. Test Result	3
1.2. Test Graphs	4
2. Occupied channel bandwidth	14
2.1. Test Result	14
2.2. Test Graphs	16
3. Min emission bandwidth	35
3.1. Test Result	35
3.2. Test Graphs	36
4. Maximum conducted output power	46
4.1. Test Result	46
5. Maximum power spectral density	48
5.1. Test Result	48
5.2. Test Graphs	50
6. Conducted Spurious Emission	69
6.1. Test Result	69
6.2. Test Graphs	72
7. Frequency Stability	110
7.1. Test Result	110
8. Duty Cycle	125
8.1. Test Result	125
8.2. Test Graphs	127

1. Emission Bandwidth

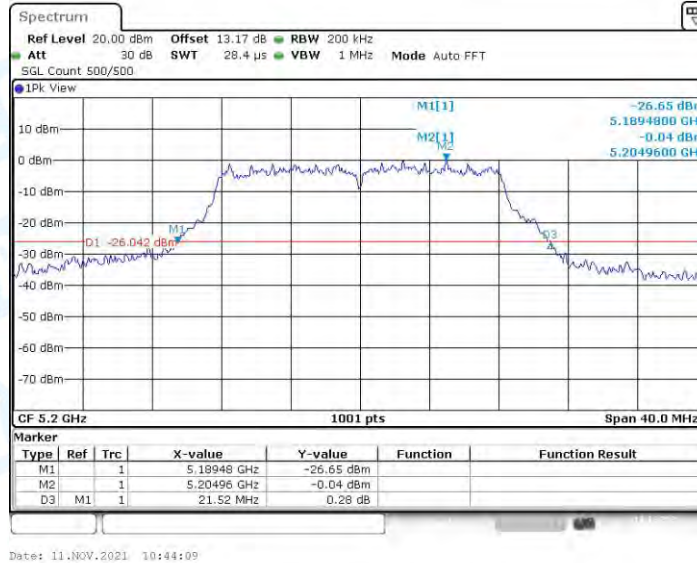
1.1. Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	25.680	5169.360	5195.040	---	PASS
	Ant2	5180	21.480	5169.360	5190.840	---	PASS
	Ant1	5200	27.400	5189.280	5216.680	---	PASS
	Ant2	5200	21.520	5189.480	5211.000	---	PASS
	Ant1	5240	29.000	5229.240	5258.240	---	PASS
	Ant2	5240	21.680	5229.000	5250.680	---	PASS
11N20MIMO	Ant1	5180	25.960	5169.080	5195.040	---	PASS
	Ant2	5180	32.440	5165.800	5198.240	---	PASS
	Ant1	5200	29.280	5188.920	5218.200	---	PASS
	Ant2	5200	35.000	5183.600	5218.600	---	PASS
	Ant1	5240	30.920	5227.280	5258.200	---	PASS
	Ant2	5240	35.200	5223.280	5258.480	---	PASS
11N40MIMO	Ant1	5190	55.520	5165.040	5220.560	---	PASS
	Ant2	5190	64.640	5162.400	5227.040	---	PASS
	Ant1	5230	71.280	5190.240	5261.520	---	PASS
	Ant2	5230	76.400	5193.600	5270.000	---	PASS
11AC20MIMO	Ant1	5180	27.480	5169.080	5196.560	---	PASS
	Ant2	5180	21.200	5169.360	5190.560	---	PASS
	Ant1	5200	21.600	5189.160	5210.760	---	PASS
	Ant2	5200	21.880	5188.840	5210.720	---	PASS
	Ant1	5240	21.640	5229.200	5250.840	---	PASS
	Ant2	5240	21.320	5229.400	5250.720	---	PASS
11AC40MIMO	Ant1	5190	48.480	5169.200	5217.680	---	PASS
	Ant2	5190	51.280	5162.480	5213.760	---	PASS
	Ant1	5230	67.040	5192.320	5259.360	---	PASS
	Ant2	5230	74.880	5193.760	5268.640	---	PASS
11AC80MIMO	Ant1	5210	94.880	5170.320	5265.200	---	PASS
	Ant2	5210	113.120	5169.840	5282.960	---	PASS

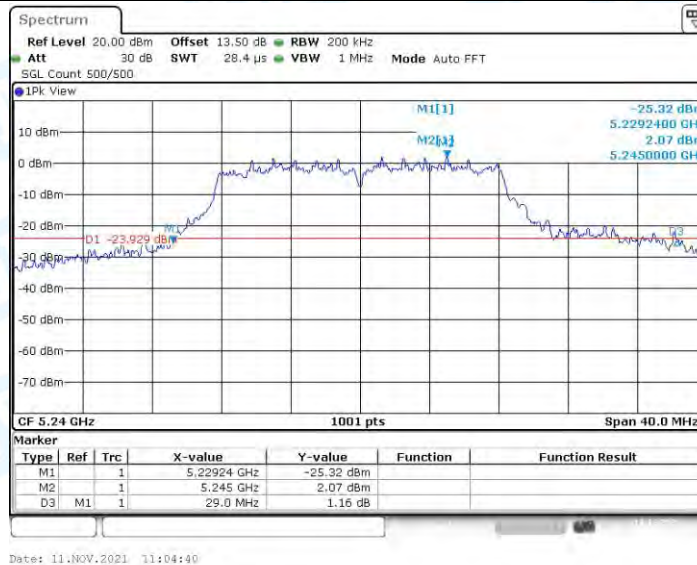
1.2. Test Graphs



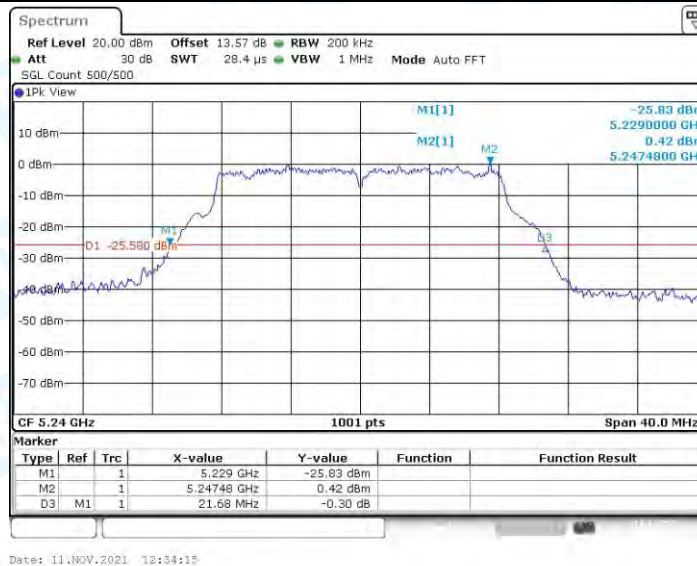
11A-CDD_Ant2_5200



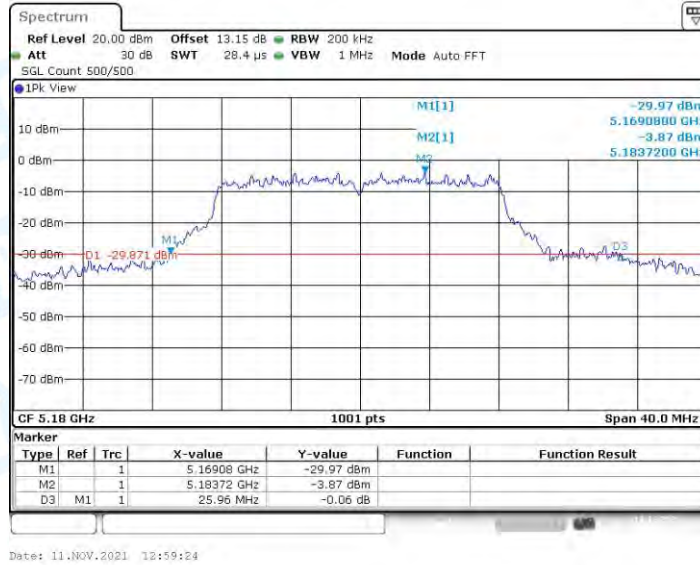
11A-CDD_Ant1_5240



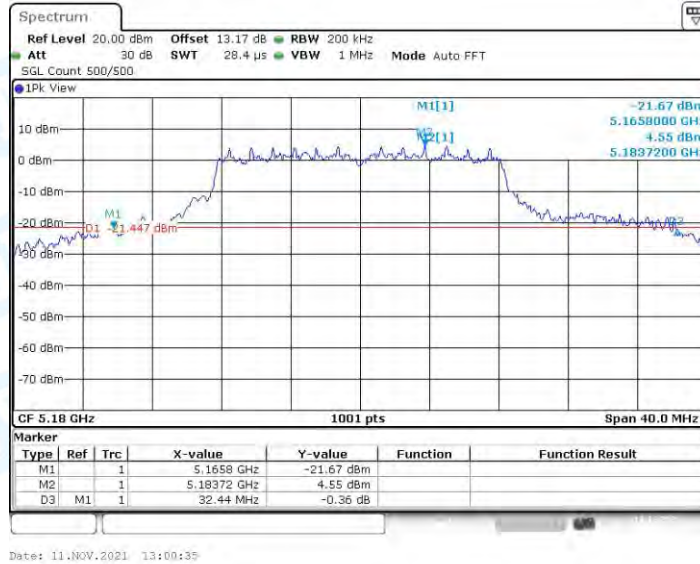
11A-CDD_Ant2_5240



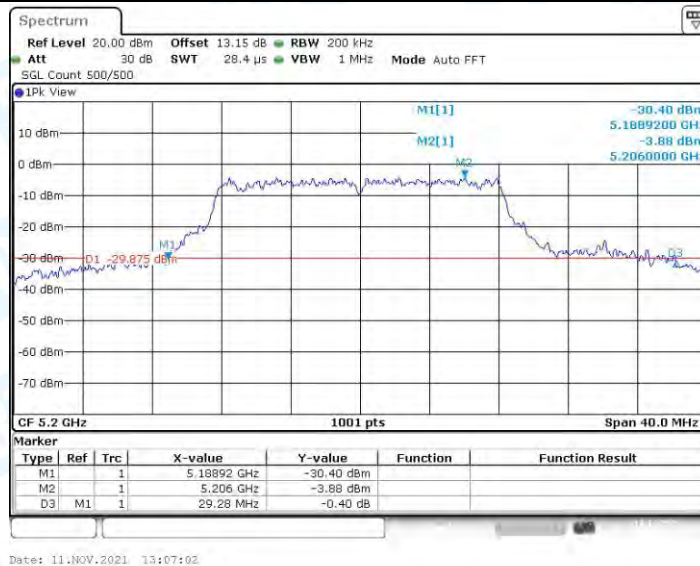
11N20MIMO_Ant1_5180



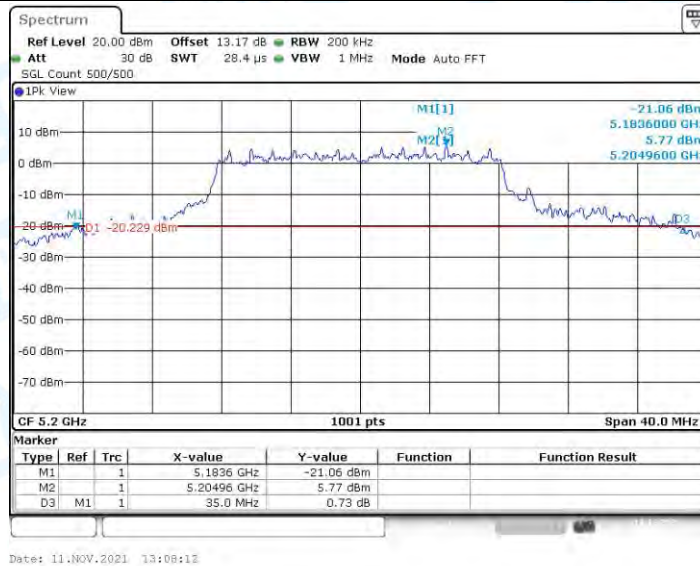
11N20MIMO_Ant2_5180



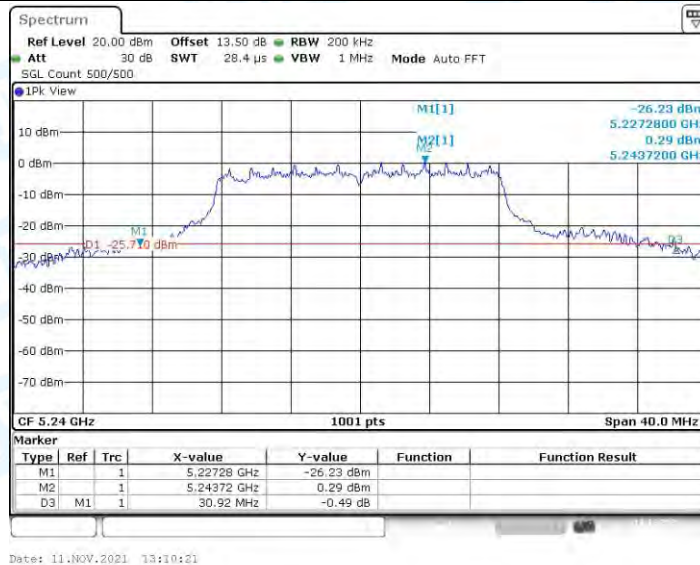
11N20MIMO_Ant1_5200



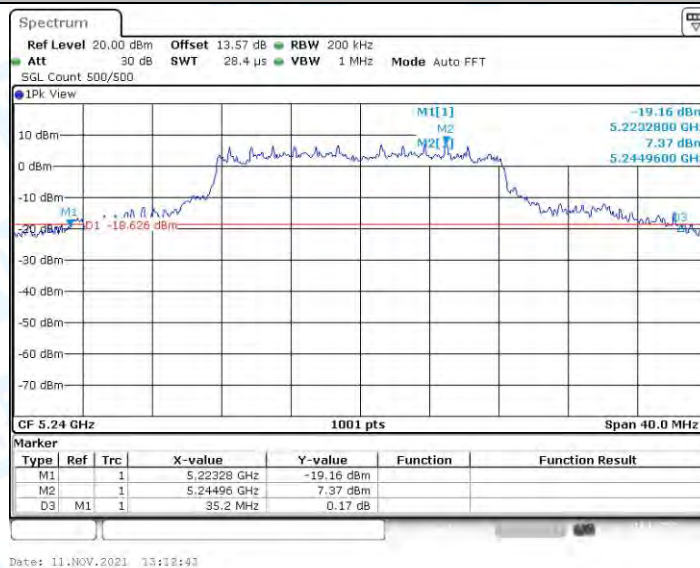
11N20MIMO_Ant2_5200



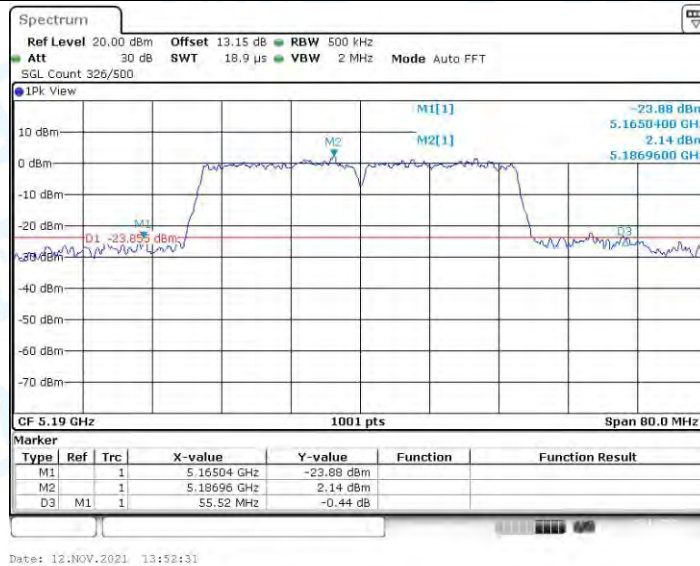
11N20MIMO_Ant1_5240



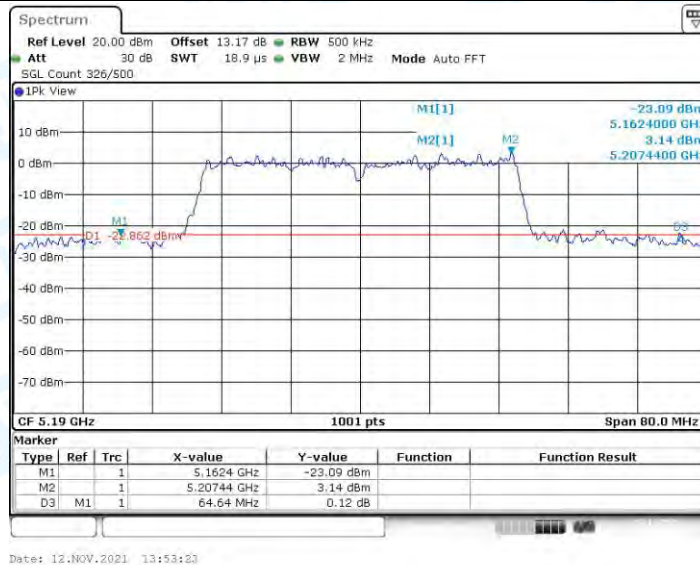
11N20MIMO_Ant2_5240



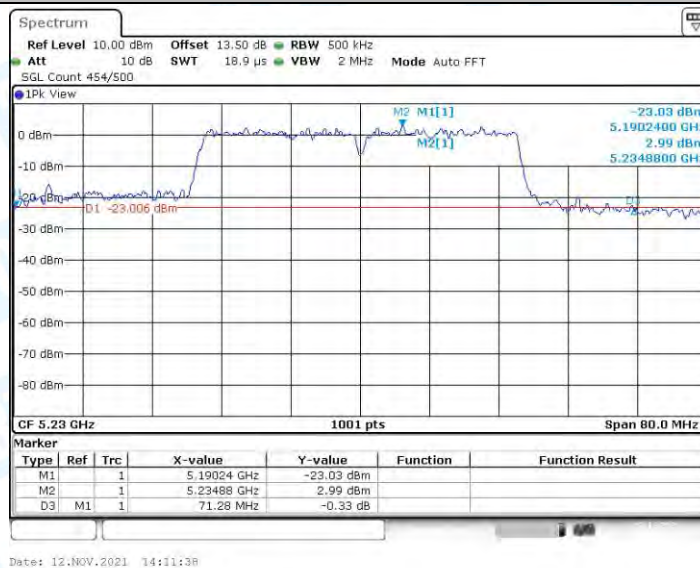
11N40MIMO_Ant1_5190



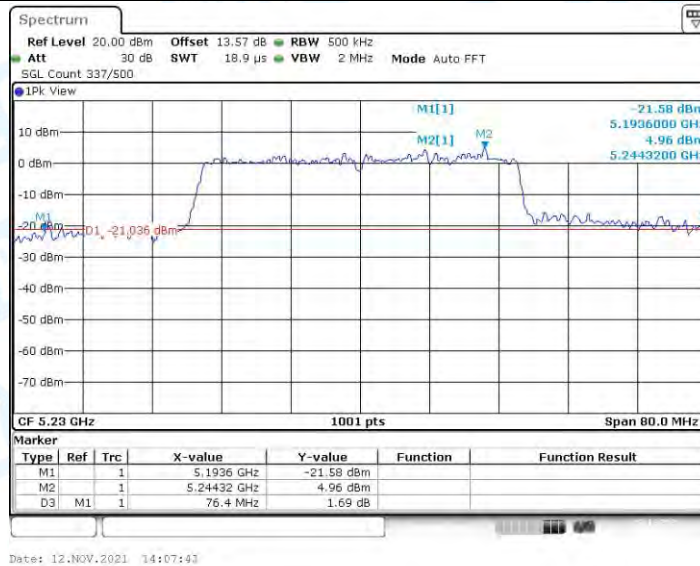
11N40MIMO_Ant2_5190



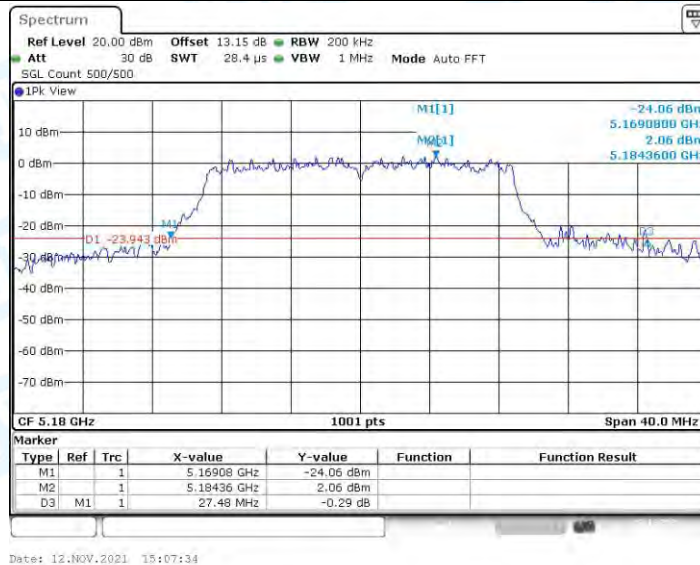
11N40MIMO_Ant1_5230



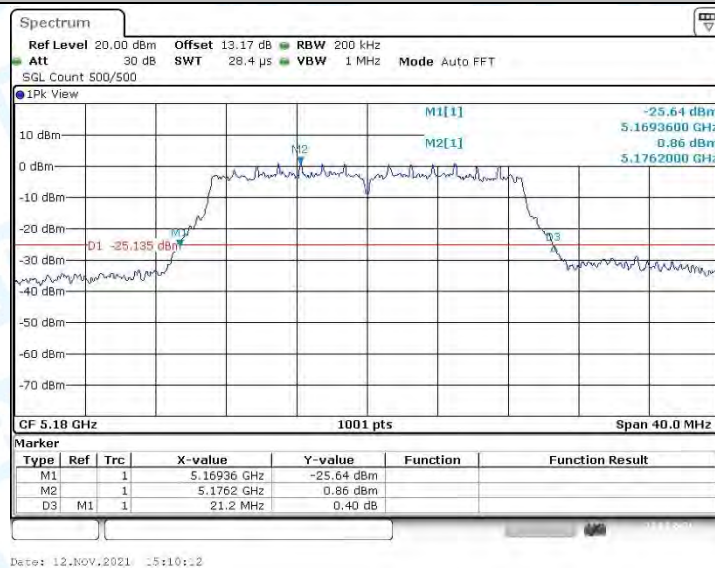
11N40MIMO_Ant2_5230



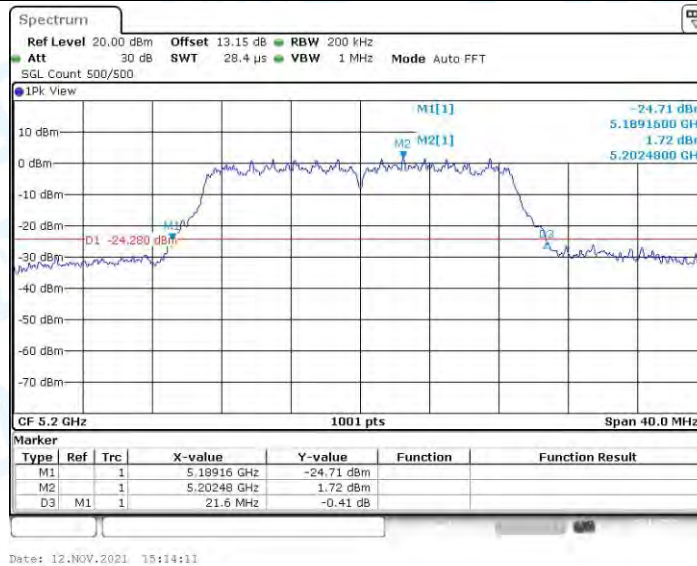
11AC20MIMO_Ant1_5180



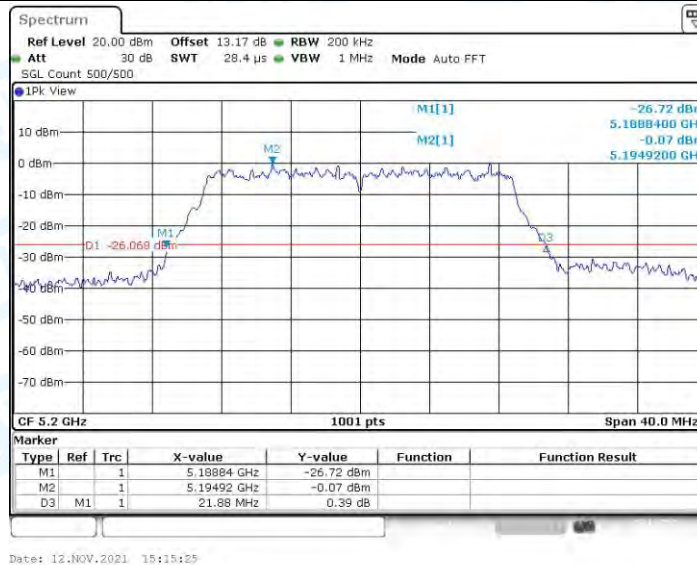
11AC20MIMO_Ant2_5180



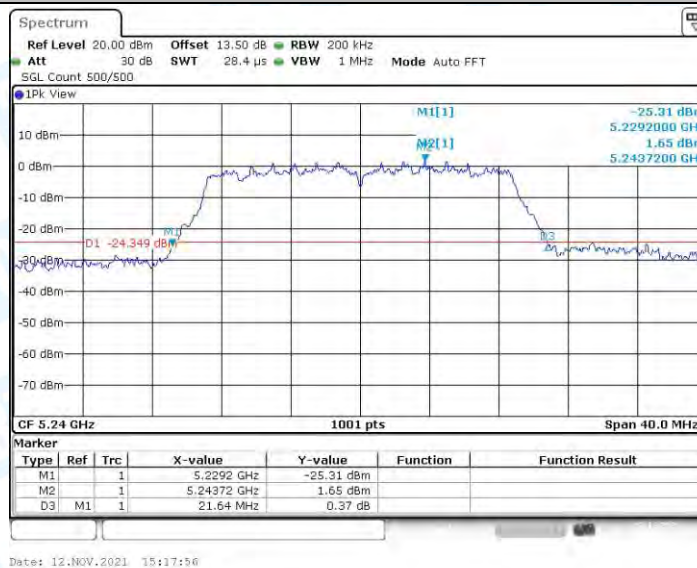
11AC20MIMO_Ant1_5200



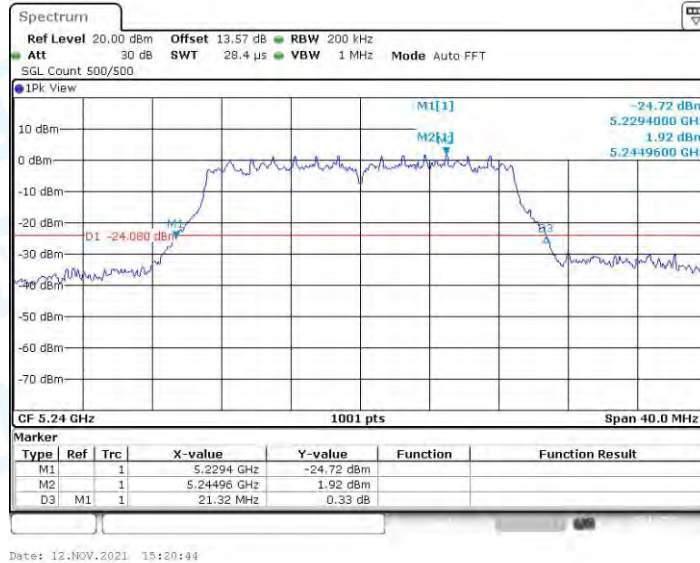
11AC20MIMO_Ant2_5200



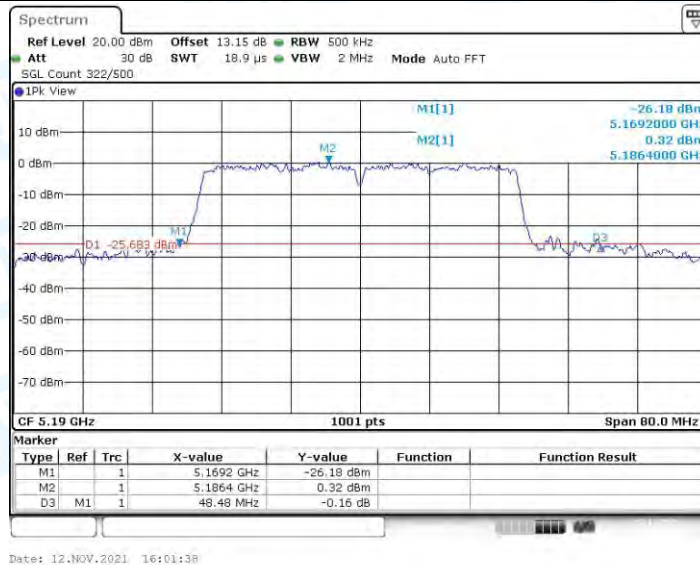
11AC20MIMO_Ant1_5240



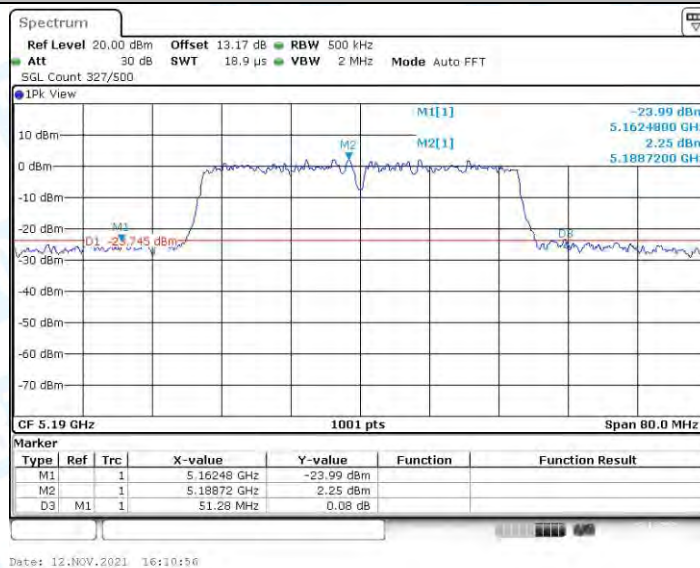
11AC20MIMO_Ant2_5240



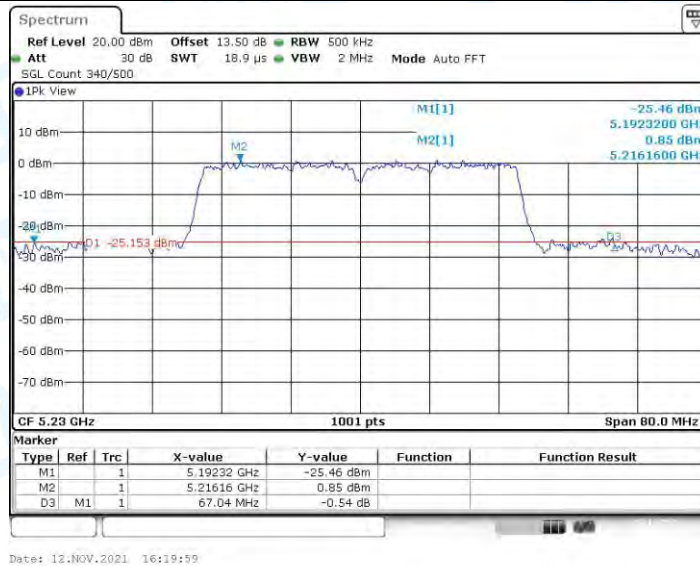
11AC40MIMO_Ant1_5190



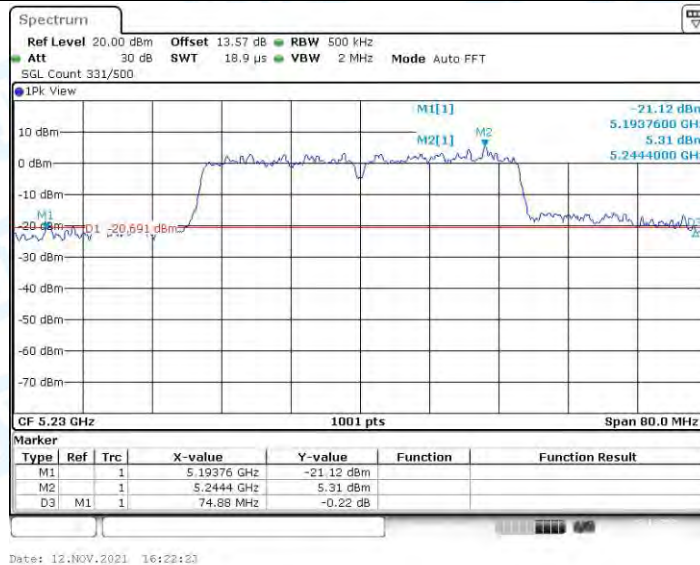
11AC40MIMO_Ant2_5190



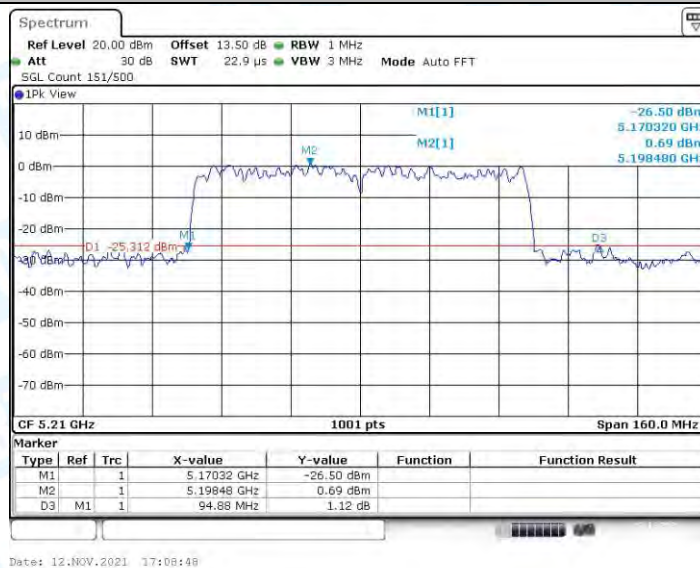
11AC40MIMO_Ant1_5230

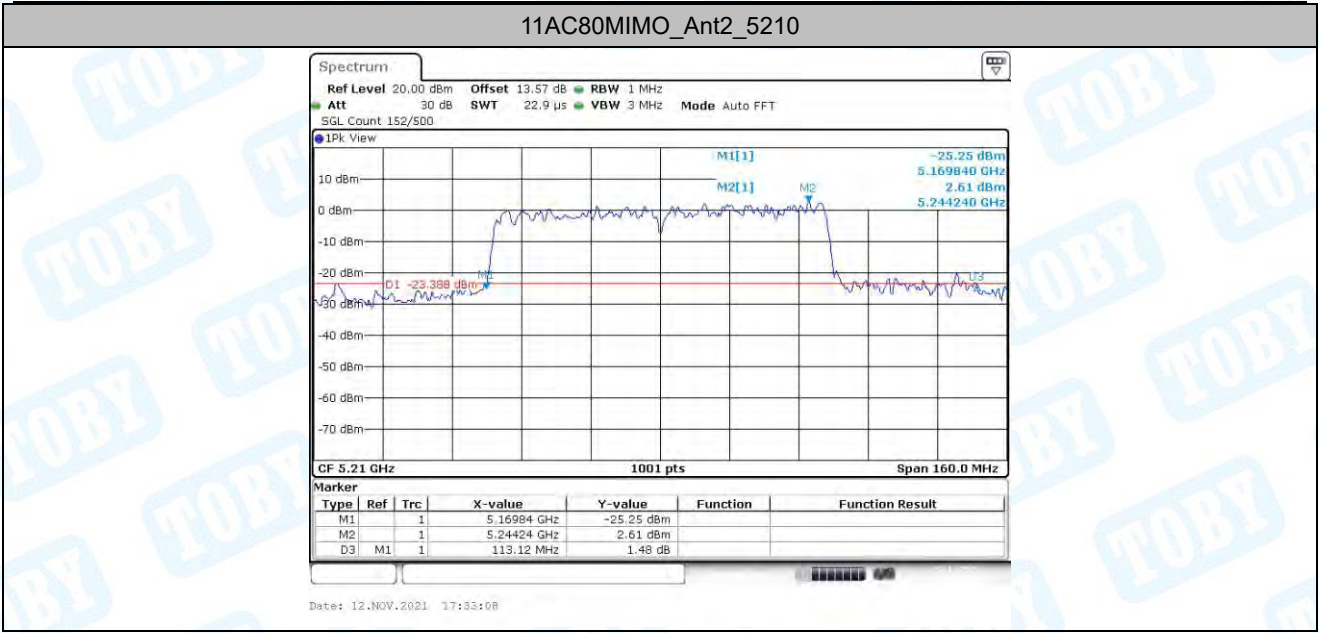


11AC40MIMO_Ant2_5230



11AC80MIMO_Ant1_5210





2. Occupied channel bandwidth

2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	18.142	5171.049	5189.191	---	PASS
	Ant2	5180	17.303	5171.369	5188.671	---	PASS
	Ant1	5200	18.222	5191.049	5209.271	---	PASS
	Ant2	5200	17.423	5191.369	5208.791	---	PASS
	Ant1	5240	18.422	5231.049	5249.471	---	PASS
	Ant2	5240	17.463	5231.329	5248.791	---	PASS
	Ant1	5745	17.822	5736.089	5753.911	---	PASS
	Ant2	5745	27.732	5730.215	5757.947	---	PASS
	Ant1	5785	29.291	5769.975	5799.266	---	PASS
	Ant2	5785	20.899	5774.291	5795.190	---	PASS
	Ant1	5825	25.534	5812.093	5837.627	---	PASS
	Ant2	5825	17.862	5816.169	5834.031	---	PASS
11N20MIMO	Ant1	5180	18.142	5171.009	5189.151	---	PASS
	Ant2	5180	19.66	5170.849	5190.509	---	PASS
	Ant1	5200	18.741	5190.929	5209.670	---	PASS
	Ant2	5200	21.419	5190.649	5212.068	---	PASS
	Ant1	5240	22.338	5230.250	5252.587	---	PASS
	Ant2	5240	22.098	5230.090	5252.188	---	PASS
	Ant1	5745	30.45	5729.615	5760.065	---	PASS
	Ant2	5745	25.015	5731.853	5756.868	---	PASS
	Ant1	5785	29.251	5770.175	5799.426	---	PASS
	Ant2	5785	19.9	5774.810	5794.710	---	PASS
	Ant1	5825	27.213	5810.934	5838.147	---	PASS
	Ant2	5825	18.422	5815.809	5834.231	---	PASS
11N40MIMO	Ant1	5190	36.923	5171.538	5208.462	---	PASS
	Ant2	5190	37.243	5171.299	5208.541	---	PASS
	Ant1	5230	37.483	5211.299	5248.781	---	PASS
	Ant2	5230	39.481	5211.299	5250.779	---	PASS
	Ant1	5755	61.379	5723.991	5785.370	---	PASS
	Ant2	5755	50.989	5723.352	5774.341	---	PASS
	Ant1	5795	60.18	5763.751	5823.931	---	PASS
	Ant2	5795	37.163	5776.379	5813.541	---	PASS
11AC20MIMO	Ant1	5180	18.661	5170.609	5189.271	---	PASS
	Ant2	5180	18.342	5170.849	5189.191	---	PASS
	Ant1	5200	18.781	5190.490	5209.271	---	PASS
	Ant2	5200	18.142	5190.929	5209.071	---	PASS
	Ant1	5240	18.741	5230.689	5249.431	---	PASS
	Ant2	5240	18.262	5230.969	5249.231	---	PASS
	Ant1	5745	19.381	5735.250	5754.630	---	PASS
	Ant2	5745	19.54	5734.890	5754.431	---	PASS
	Ant1	5785	19.86	5775.130	5794.990	---	PASS
	Ant2	5785	18.941	5775.450	5794.391	---	PASS

	Ant1	5825	19.74	5815.090	5834.830	---	PASS
	Ant2	5825	18.342	5815.729	5834.071	---	PASS
11AC40MIMO	Ant1	5190	36.843	5171.538	5208.382	---	PASS
	Ant2	5190	36.923	5171.459	5208.382	---	PASS
	Ant1	5230	37.083	5211.379	5248.462	---	PASS
	Ant2	5230	39.321	5211.538	5250.859	---	PASS
	Ant1	5755	62.577	5722.872	5785.450	---	PASS
	Ant2	5755	52.827	5723.511	5776.339	---	PASS
	Ant1	5795	51.069	5768.706	5819.775	---	PASS
	Ant2	5795	37.083	5776.459	5813.541	---	PASS
11AC80MIMO	Ant1	5210	76.563	5171.958	5248.521	---	PASS
	Ant2	5210	76.883	5171.958	5248.841	---	PASS
	Ant1	5775	117.483	5712.662	5830.145	---	PASS
	Ant2	5775	80.879	5732.802	5813.681	---	PASS

2.2. Test Graphs



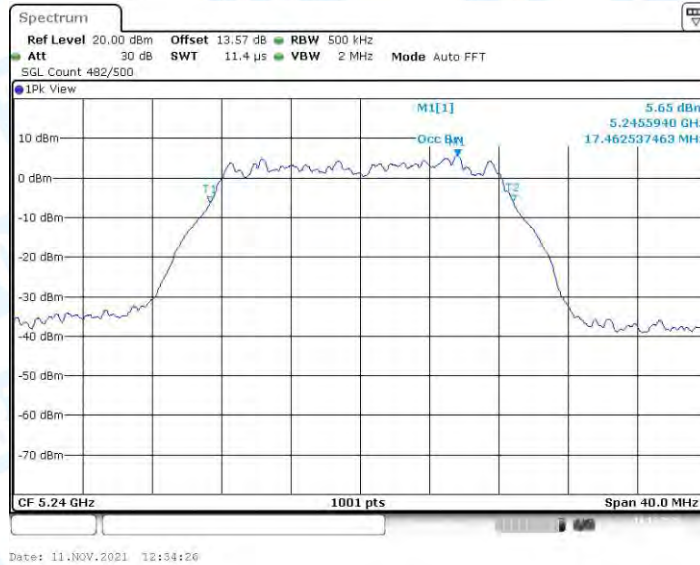
11A-CDD_Ant2_5200



11A-CDD_Ant1_5240



11A-CDD_Ant2_5240



11A-CDD_Ant1_5745



11A-CDD_Ant2_5745



11A-CDD_Ant1_5785



11A-CDD_Ant2_5785



11A-CDD_Ant1_5825



11A-CDD_Ant2_5825



11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



11N20MIMO_Ant1_5200



11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240



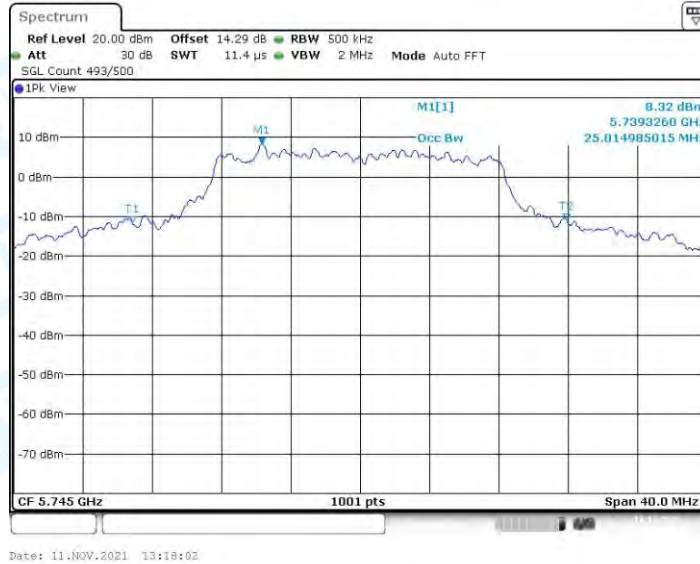
11N20MIMO_Ant2_5240



11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



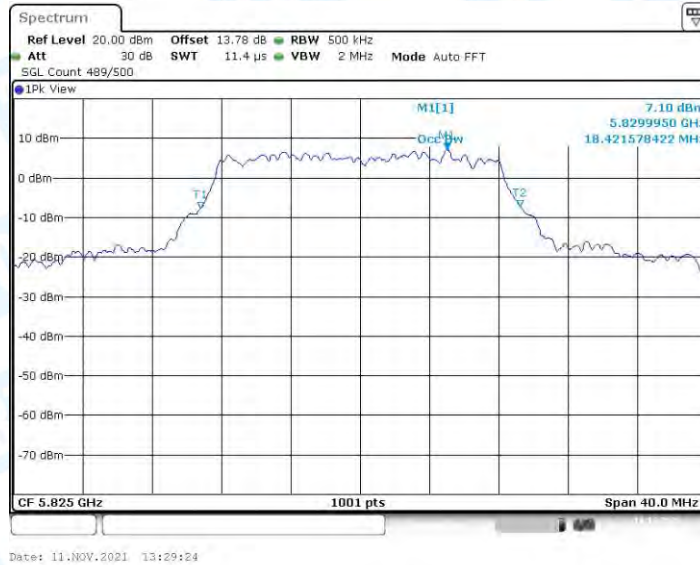
11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



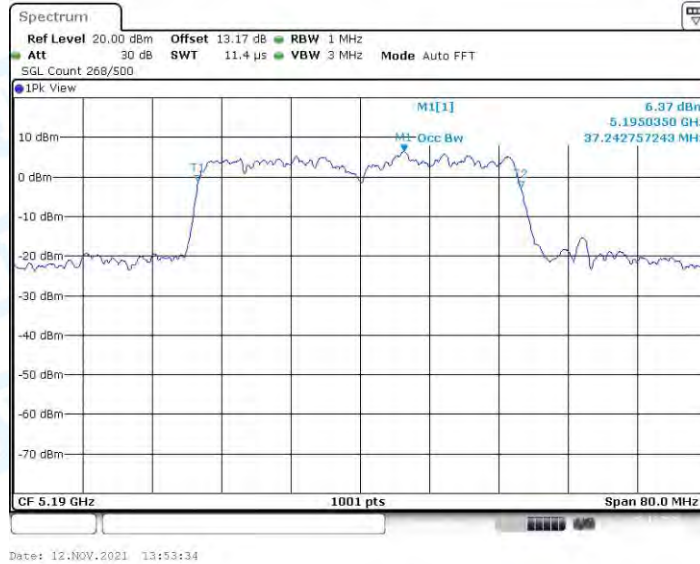
11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



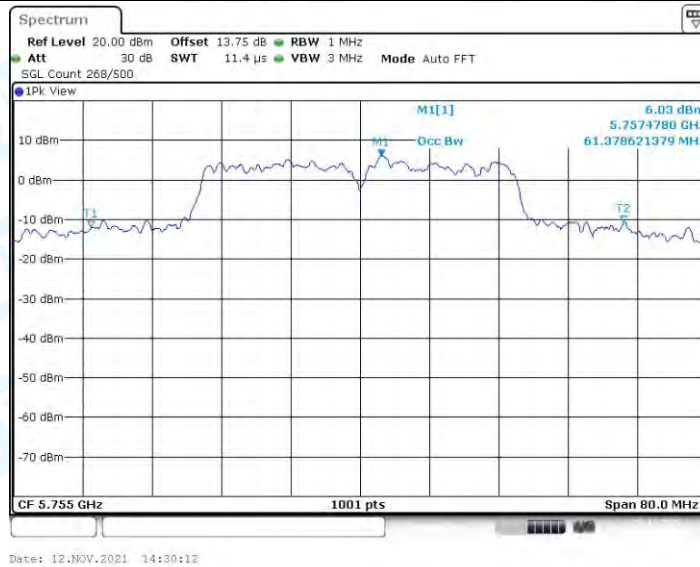
11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



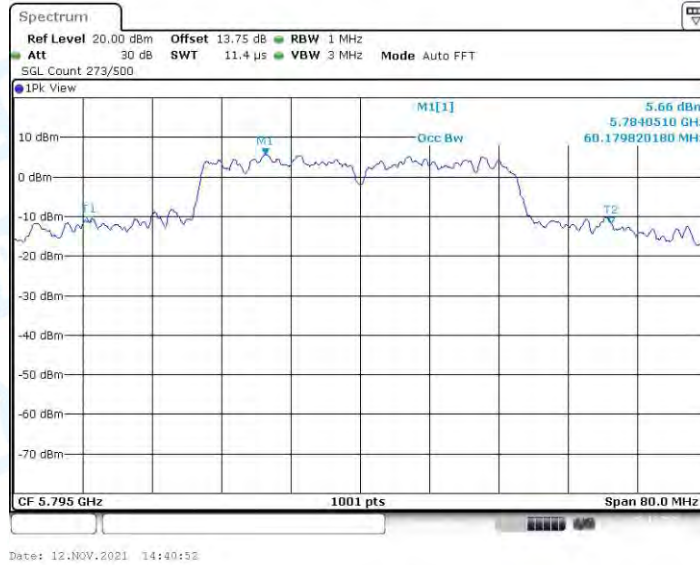
11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5180



11AC20MIMO_Ant1_5200



11AC20MIMO_Ant2_5200



11AC20MIMO_Ant1_5240



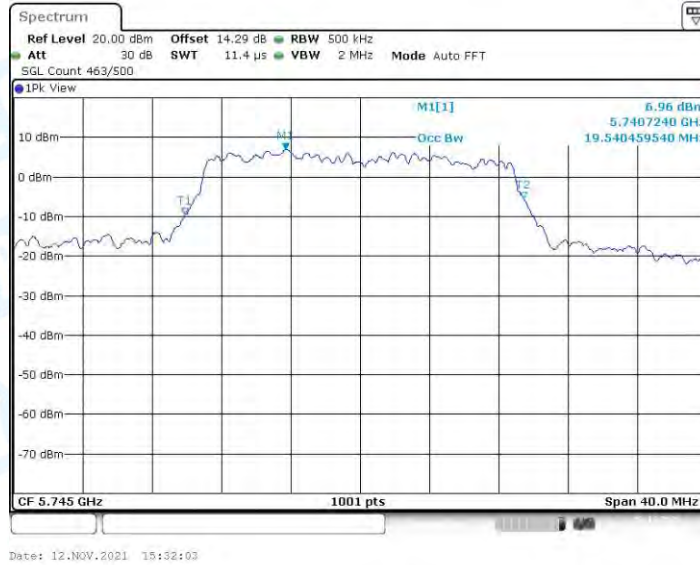
11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



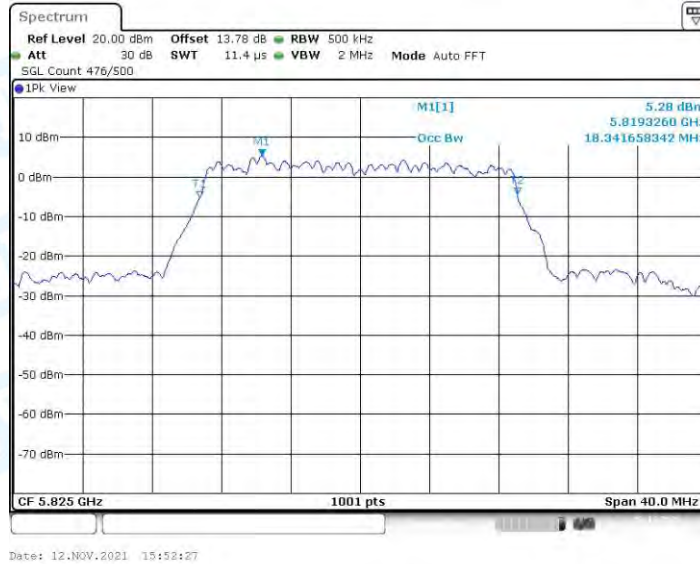
11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



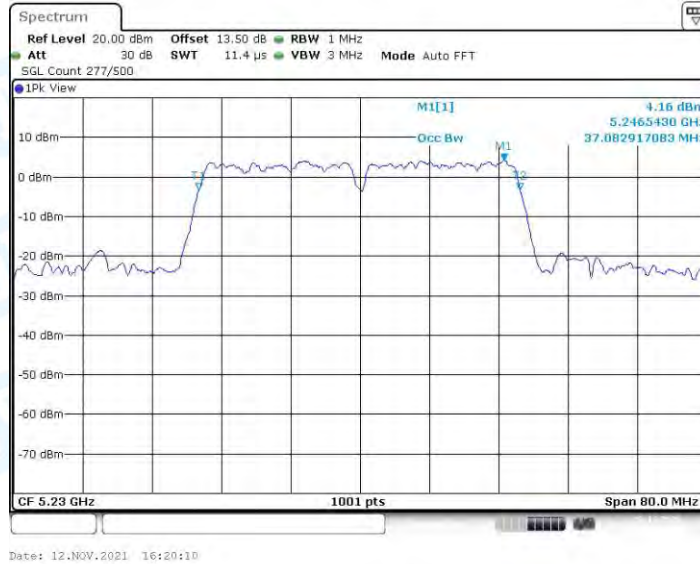
11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230



11AC40MIMO_Ant1_5755



11AC40MIMO_Ant2_5755



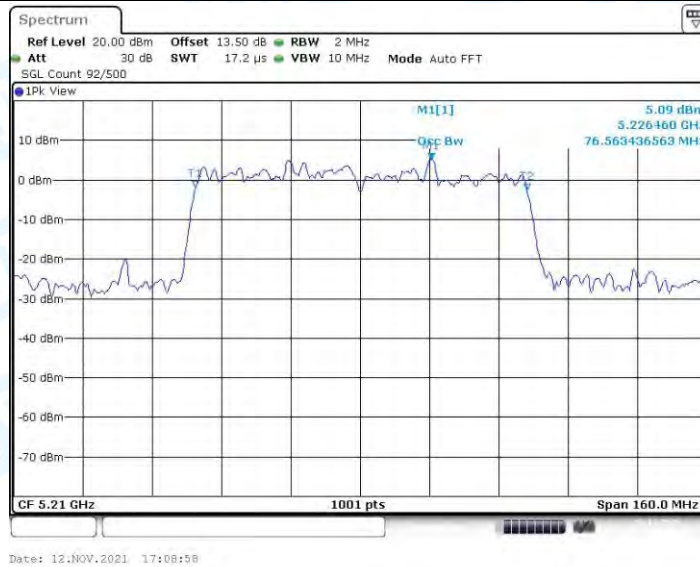
11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



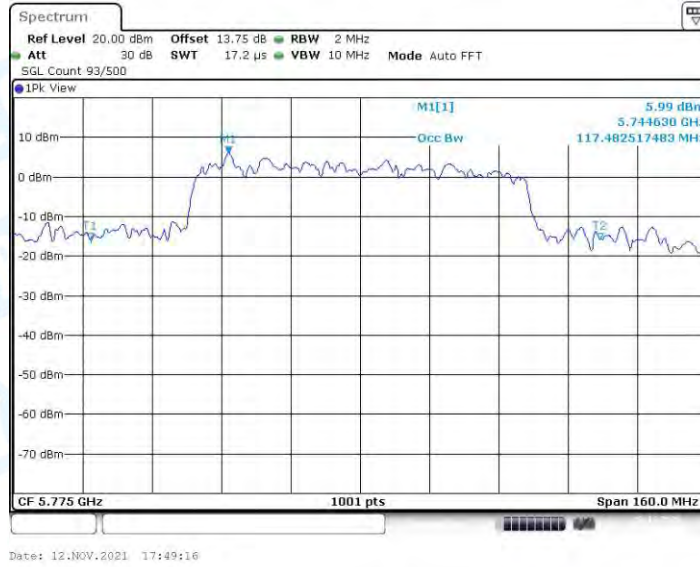
11AC80MIMO_Ant1_5210



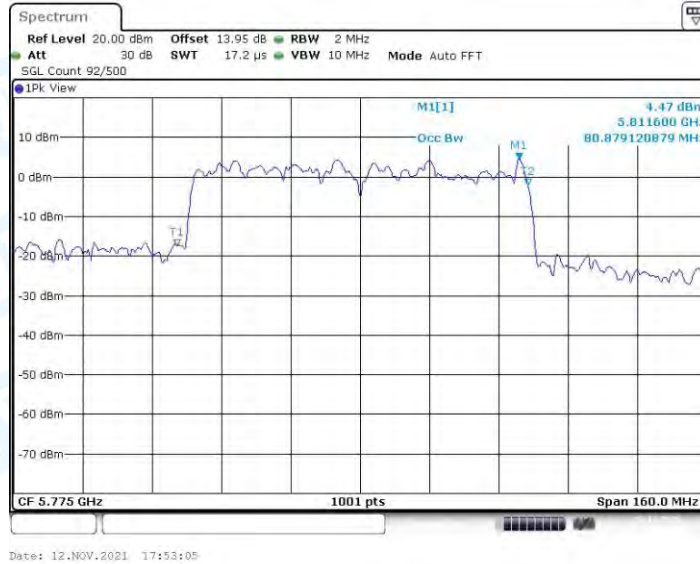
11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

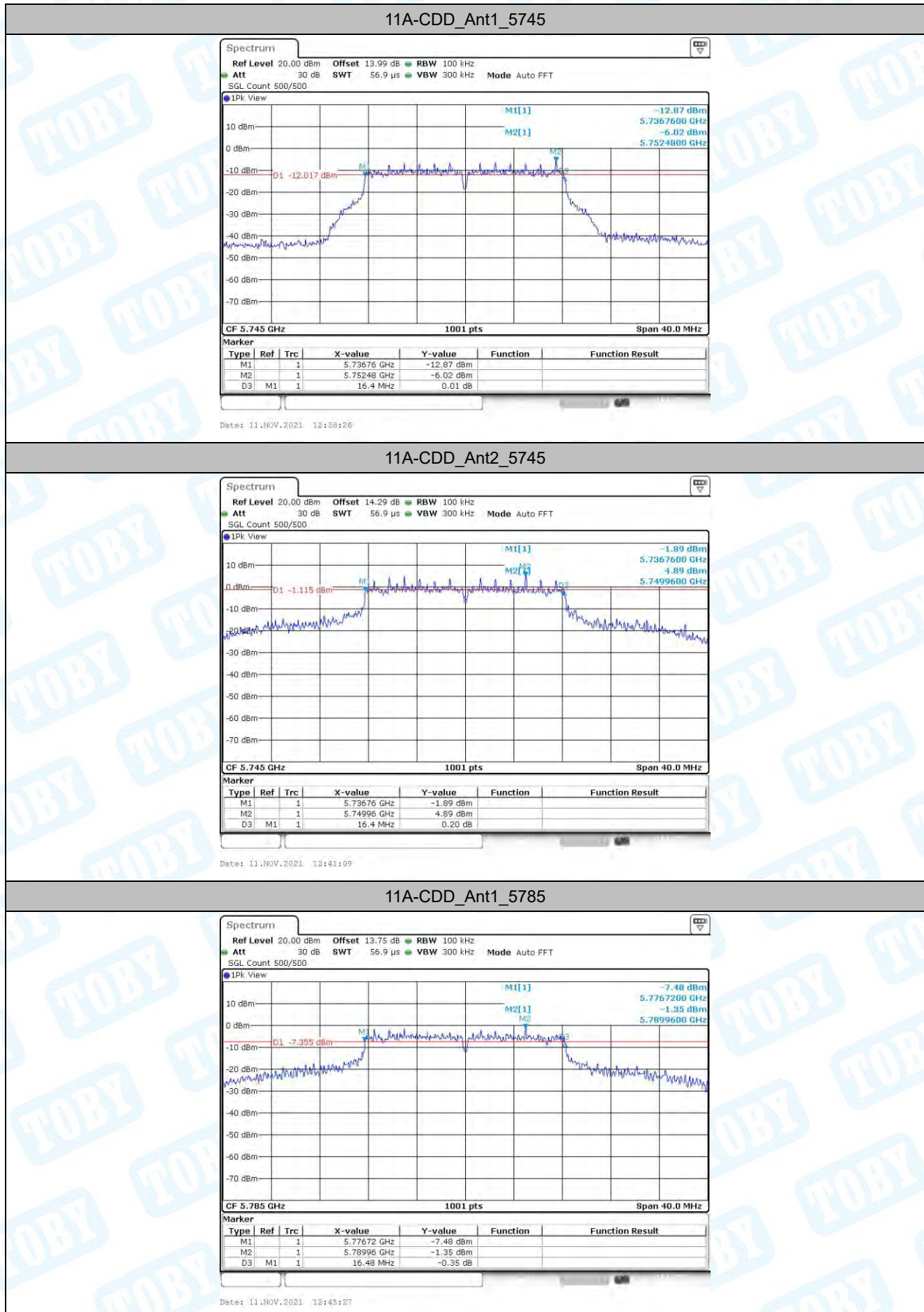


3. Min emission bandwidth

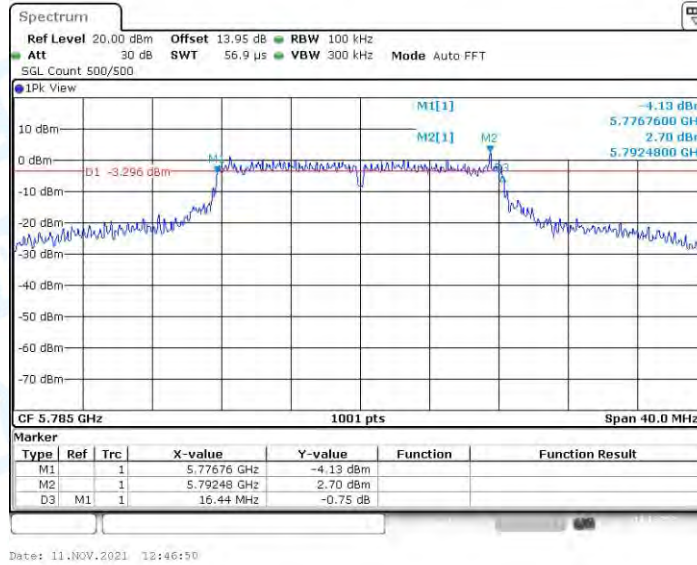
3.1. Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5745	16.400	5736.760	5753.160	0.5	PASS
	Ant2	5745	16.400	5736.760	5753.160	0.5	PASS
	Ant1	5785	16.480	5776.720	5793.200	0.5	PASS
	Ant2	5785	16.440	5776.760	5793.200	0.5	PASS
	Ant1	5825	16.440	5816.760	5833.200	0.5	PASS
	Ant2	5825	16.400	5816.800	5833.200	0.5	PASS
11N20MIMO	Ant1	5745	16.400	5736.760	5753.160	0.5	PASS
	Ant2	5745	16.520	5736.640	5753.160	0.5	PASS
	Ant1	5785	16.440	5776.720	5793.160	0.5	PASS
	Ant2	5785	16.400	5776.760	5793.160	0.5	PASS
	Ant1	5825	16.400	5816.760	5833.160	0.5	PASS
	Ant2	5825	16.440	5816.720	5833.160	0.5	PASS
11N40MIMO	Ant1	5755	36.480	5736.680	5773.160	0.5	PASS
	Ant2	5755	36.480	5736.680	5773.160	0.5	PASS
	Ant1	5795	36.560	5776.680	5813.240	0.5	PASS
	Ant2	5795	36.560	5776.680	5813.240	0.5	PASS
11AC20MIMO	Ant1	5745	17.680	5736.120	5753.800	0.5	PASS
	Ant2	5745	17.280	5736.120	5753.400	0.5	PASS
	Ant1	5785	17.680	5776.120	5793.800	0.5	PASS
	Ant2	5785	17.680	5776.120	5793.800	0.5	PASS
	Ant1	5825	17.640	5816.160	5833.800	0.5	PASS
	Ant2	5825	17.680	5816.120	5833.800	0.5	PASS
11AC40MIMO	Ant1	5755	35.920	5736.680	5772.600	0.5	PASS
	Ant2	5755	35.920	5736.680	5772.600	0.5	PASS
	Ant1	5795	36.480	5776.760	5813.240	0.5	PASS
	Ant2	5795	36.480	5776.760	5813.240	0.5	PASS
11AC80MIMO	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS
	Ant2	5775	76.160	5736.600	5812.760	0.5	PASS

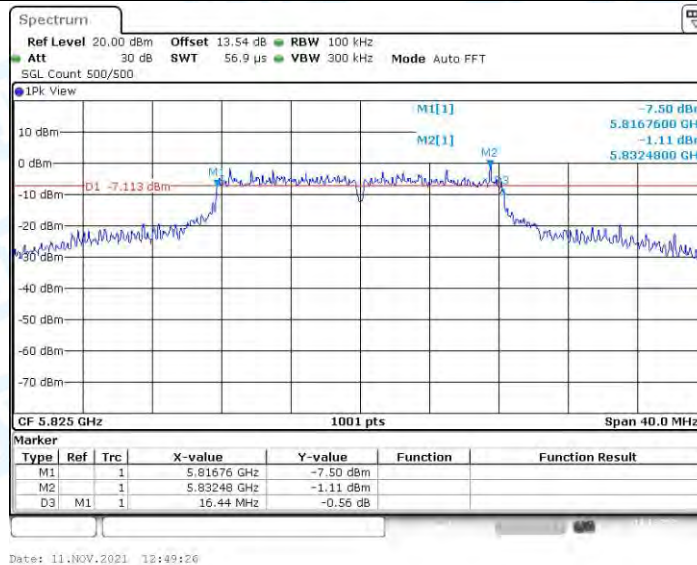
3.2. Test Graphs



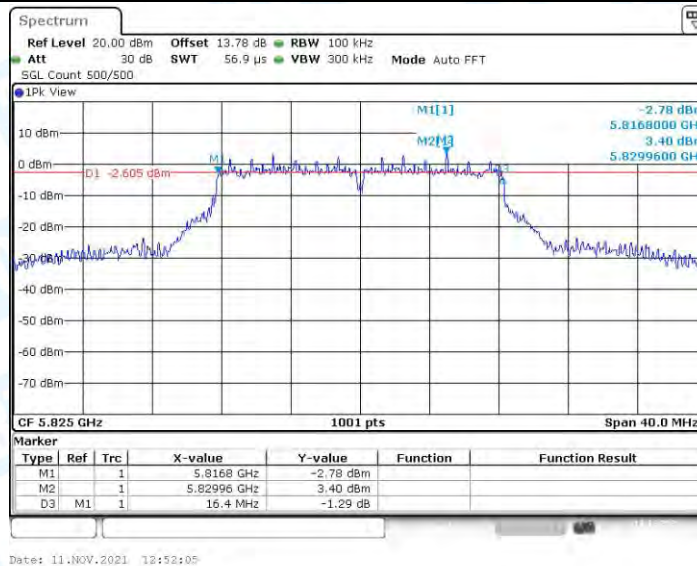
11A-CDD_Ant2_5785



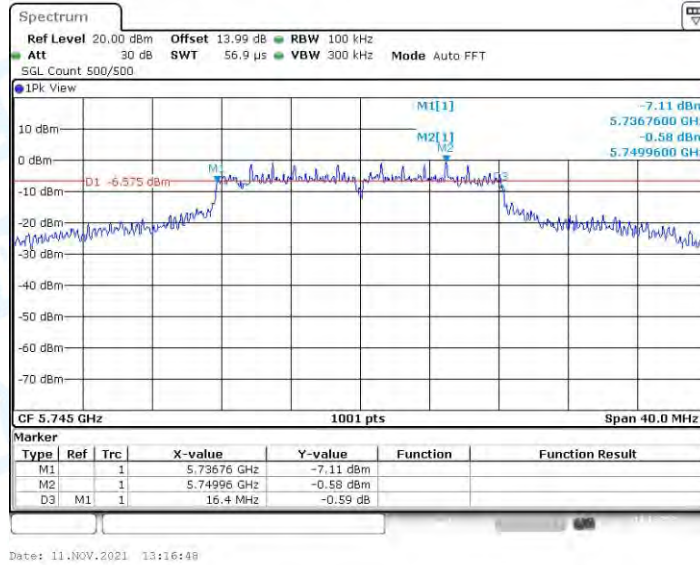
11A-CDD_Ant1_5825



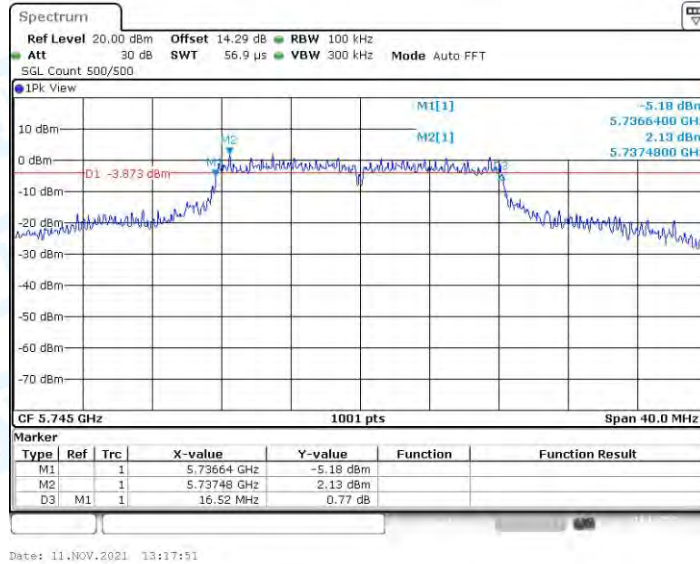
11A-CDD_Ant2_5825



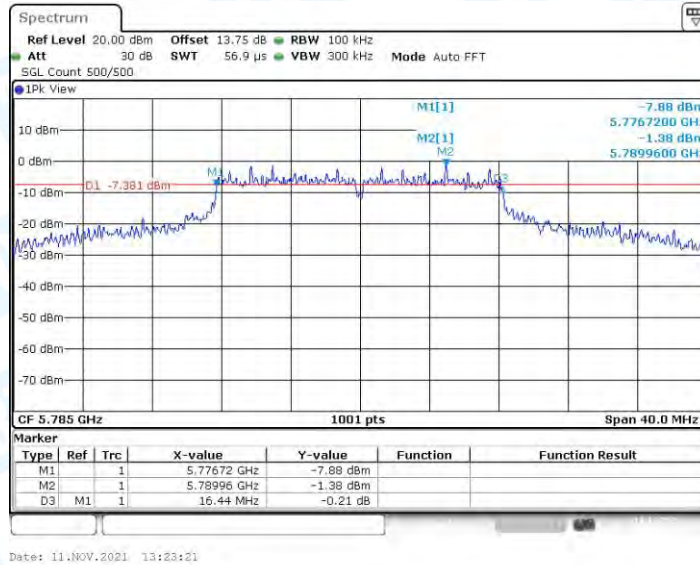
11N20MIMO_Ant1_5745



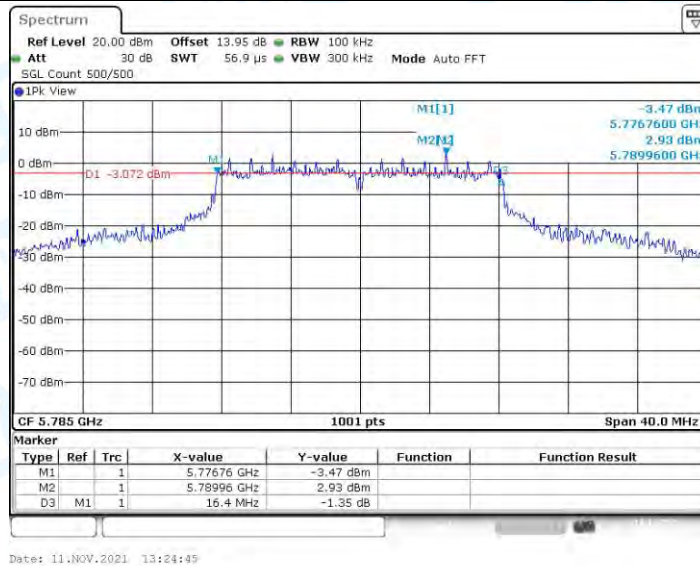
11N20MIMO_Ant2_5745



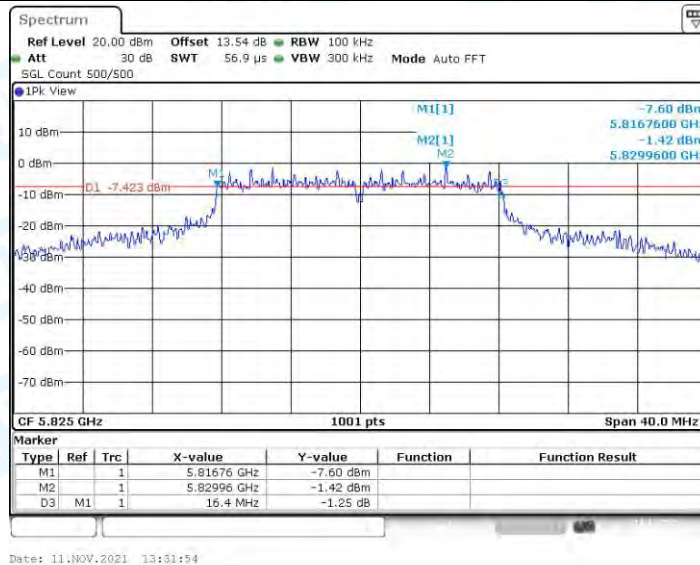
11N20MIMO_Ant1_5785



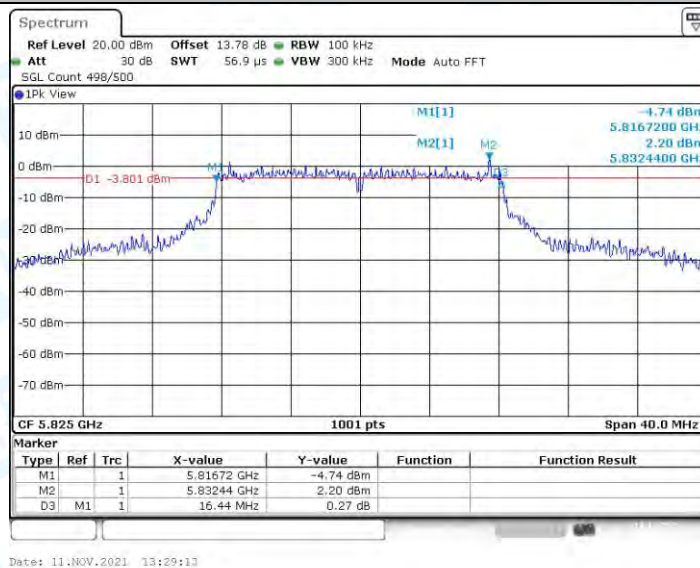
11N20MIMO_Ant2_5785



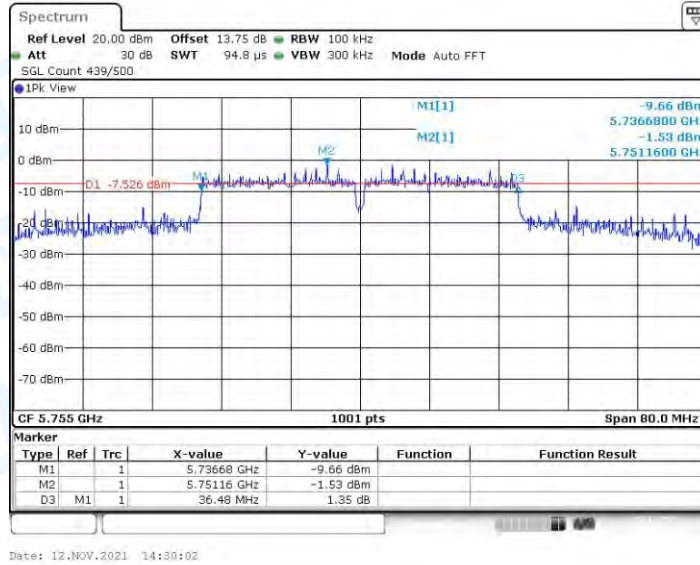
11N20MIMO_Ant1_5825



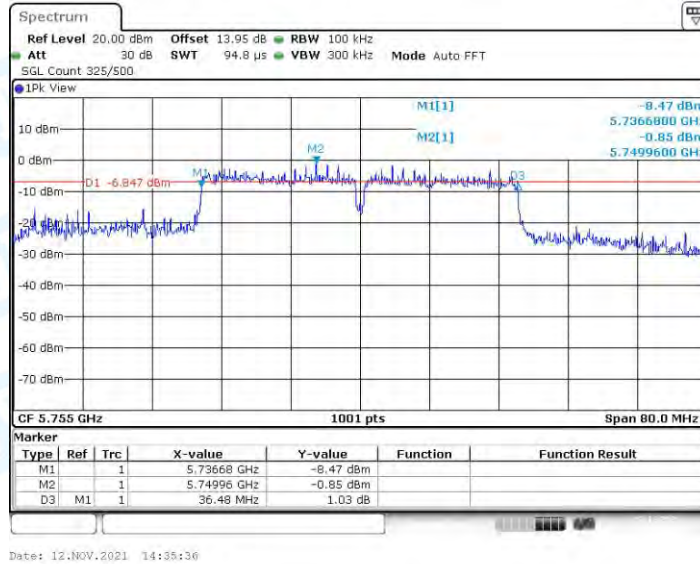
11N20MIMO_Ant2_5825



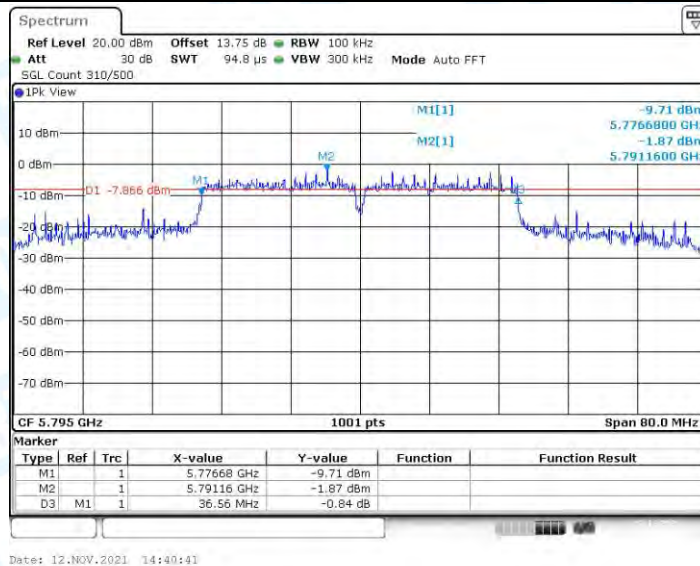
11N40MIMO_Ant1_5755



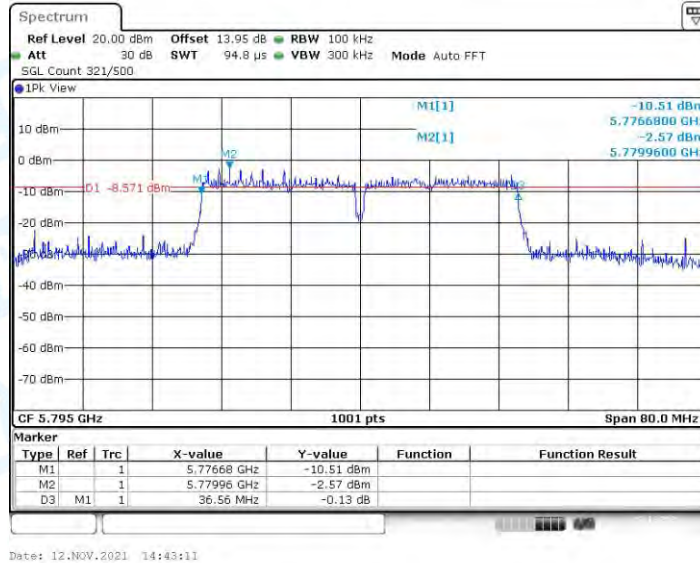
11N40MIMO_Ant2_5755



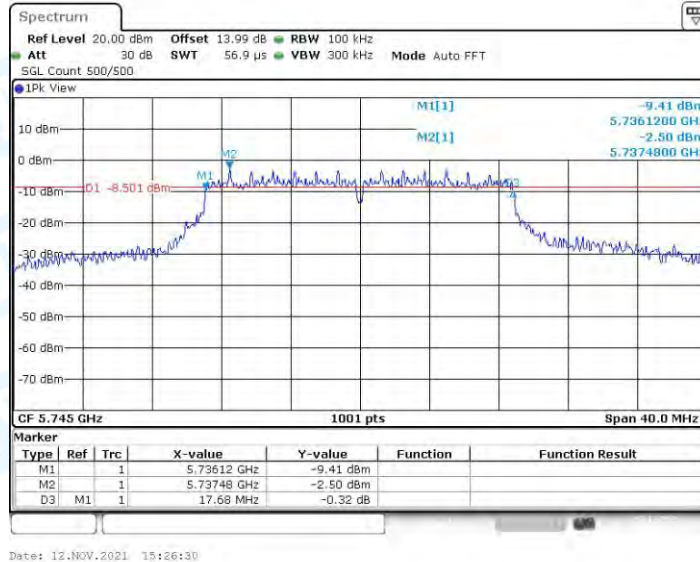
11N40MIMO_Ant1_5795



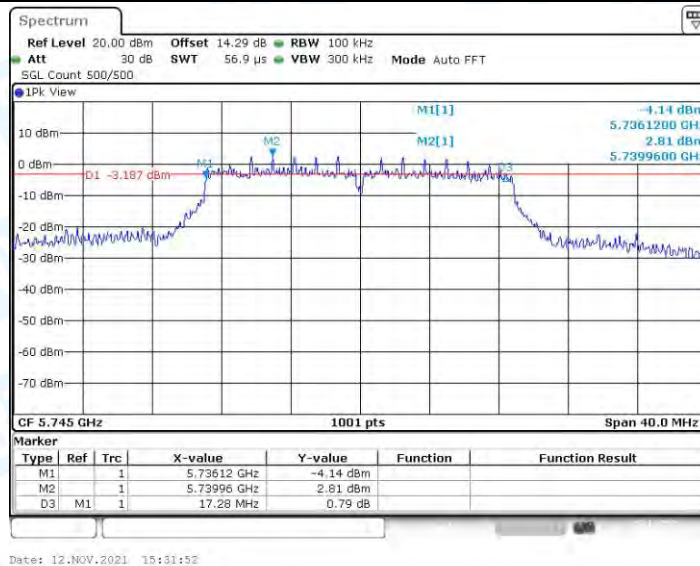
11N40MIMO_Ant2_5795



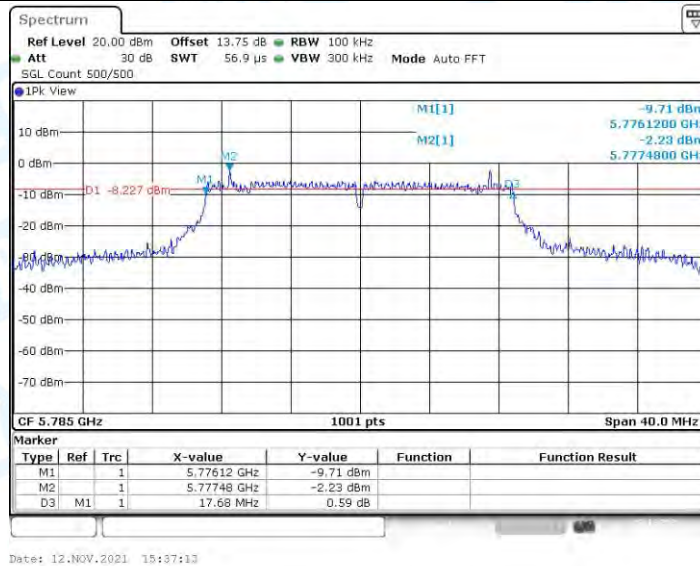
11AC20MIMO_Ant1_5745



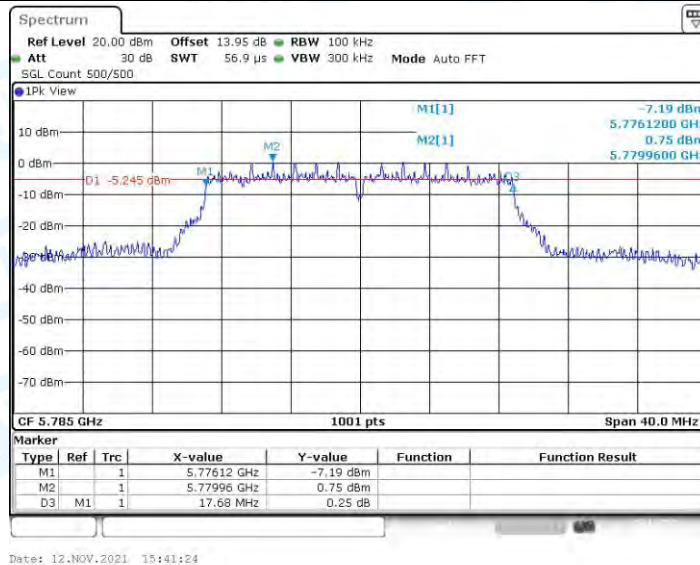
11AC20MIMO_Ant2_5745



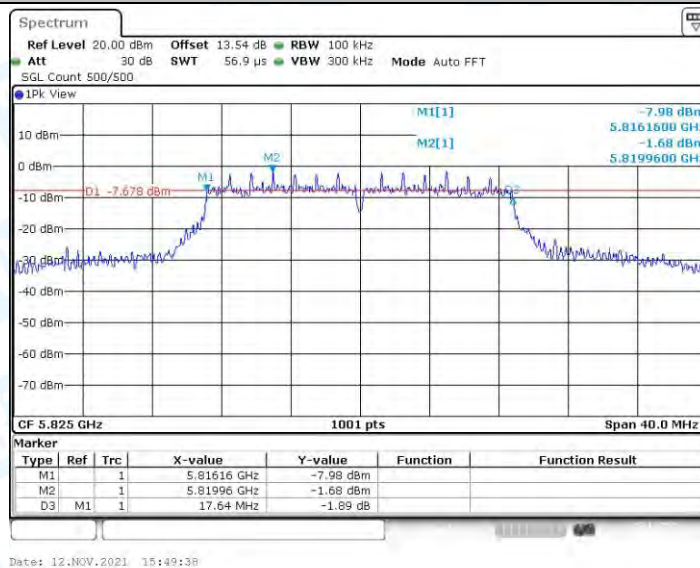
11AC20MIMO_Ant1_5785



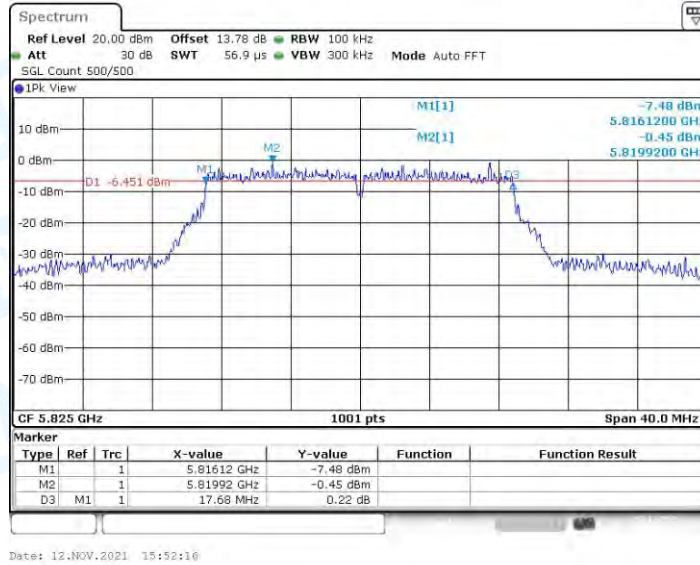
11AC20MIMO_Ant2_5785



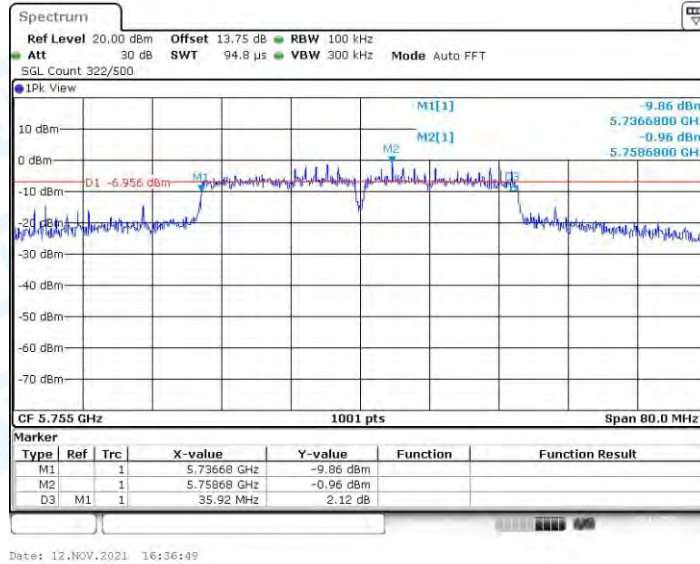
11AC20MIMO_Ant1_5825



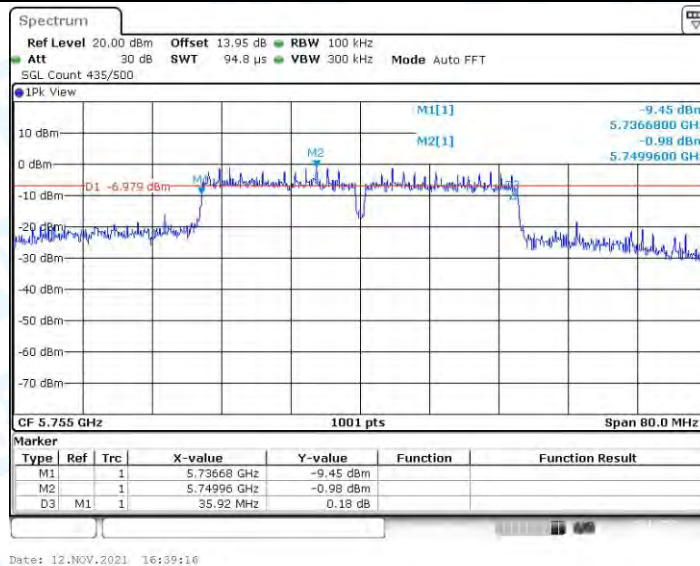
11AC20MIMO_Ant2_5825



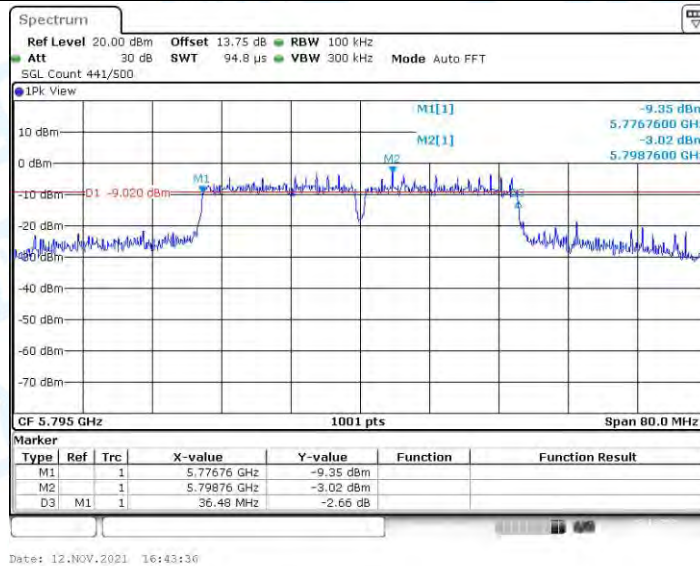
11AC40MIMO_Ant1_5755



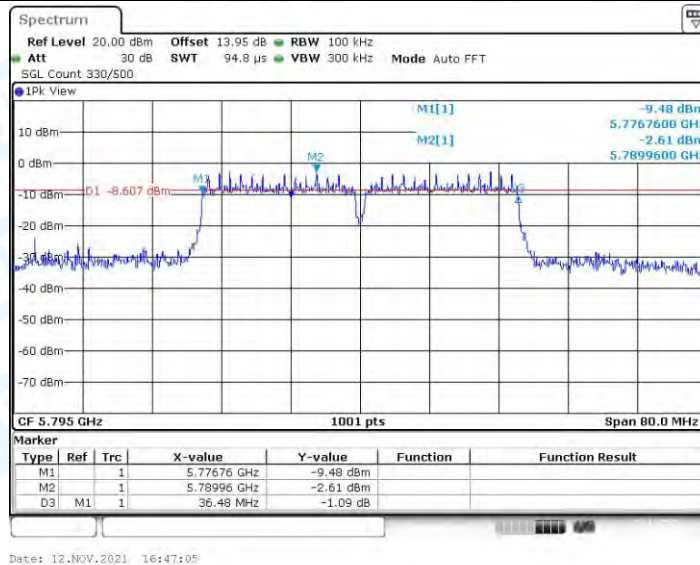
11AC40MIMO_Ant2_5755



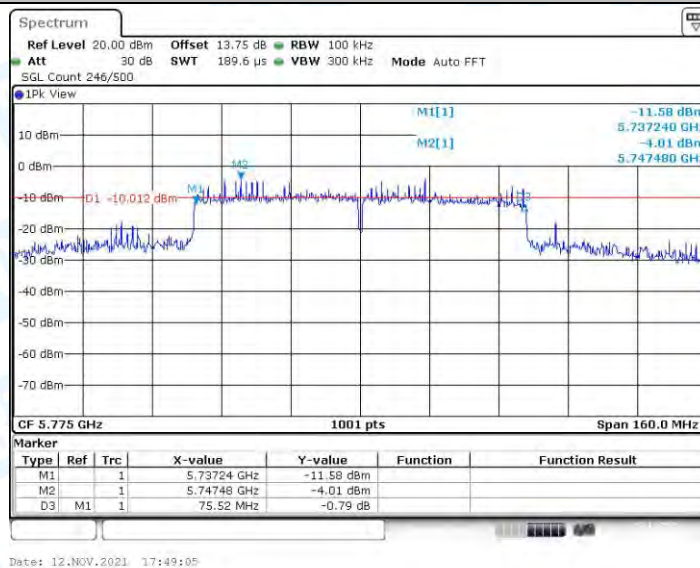
11AC40MIMO_Ant1_5795

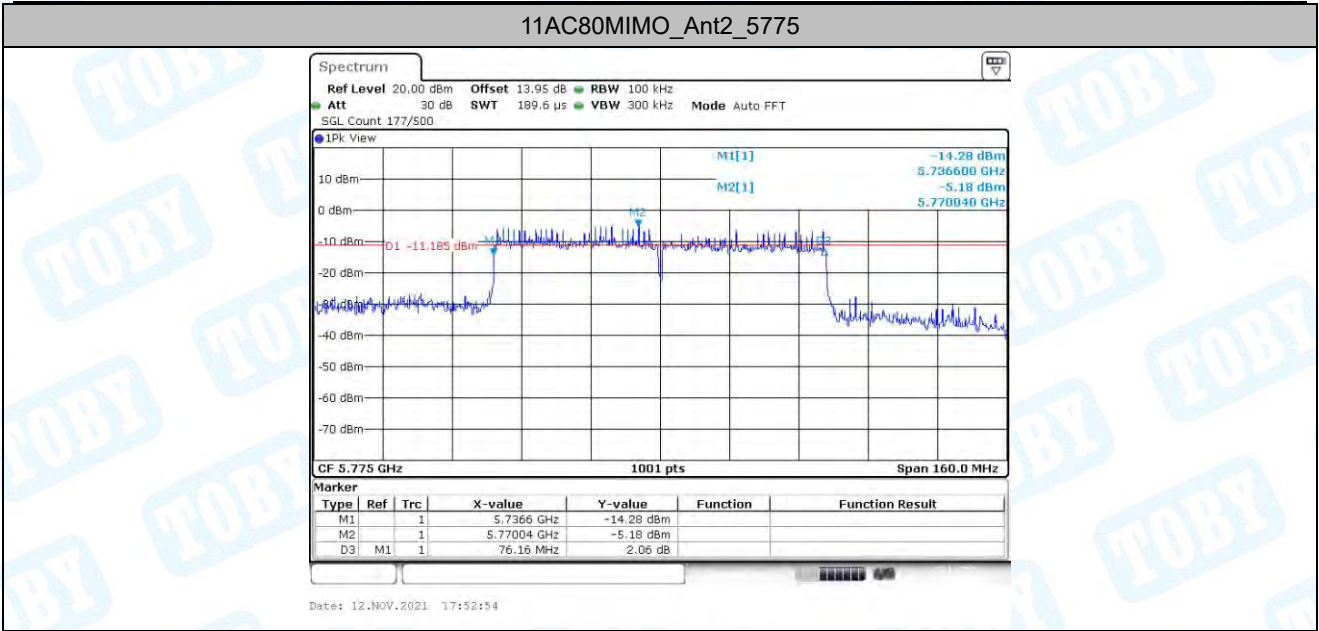


11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775





4. Maximum conducted output power

4.1. Test Result

TestMode	Antenna	Channel	Conducted power [dBm]	Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A-CDD	Ant1	5180	9.99	≤23.98	11.99	≤22.59	PASS
	Ant2	5180	9.77	≤23.98	11.77	≤22.38	PASS
	total	5180	12.9	≤23.98	14.9	≤22.38	PASS
	Ant1	5200	10.92	≤23.98	12.92	≤22.61	PASS
	Ant2	5200	9.81	≤23.98	11.81	≤22.41	PASS
	total	5200	13.4	≤23.98	15.4	≤22.41	PASS
	Ant1	5240	9.86	≤23.98	11.86	≤22.65	PASS
	Ant2	5240	10.92	≤23.98	12.92	≤22.42	PASS
	total	5240	13.4	≤23.98	15.4	≤22.42	PASS
	Ant1	5745	10.48	≤30	12.48	---	PASS
	Ant2	5745	14.59	≤30	16.59	---	PASS
	total	5745	16.0	≤30	18.0	---	PASS
	Ant1	5785	10.30	≤30	12.30	---	PASS
	Ant2	5785	13.66	≤30	15.66	---	PASS
	total	5785	15.3	≤30	17.3	---	PASS
	Ant1	5825	10.19	≤30	12.19	---	PASS
	Ant2	5825	13.96	≤30	15.96	---	PASS
	total	5825	15.5	≤30	17.5	---	PASS
11N20MIMO	Ant1	5180	5.86	≤23.98	7.86	≤22.59	PASS
	Ant2	5180	14.35	≤23.98	16.35	≤22.94	PASS
	total	5180	14.9	≤23.98	16.9	≤22.94	PASS
	Ant1	5200	7.27	≤23.98	9.27	≤22.73	PASS
	Ant2	5200	15.00	≤23.98	17.0	≤23	PASS
	total	5200	15.7	≤23.98	17.7	≤23	PASS
	Ant1	5240	9.31	≤23.98	11.31	≤23	PASS
	Ant2	5240	16.34	≤23.98	18.34	≤23	PASS
	total	5240	17.13	≤23.98	19.13	≤23	PASS
	Ant1	5745	9.75	≤30	11.75	---	PASS
	Ant2	5745	13.70	≤30	15.70	---	PASS
	total	5745	15.2	≤30	17.2	---	PASS
	Ant1	5785	9.44	≤30	11.44	---	PASS
	Ant2	5785	13.07	≤30	15.07	---	PASS
	total	5785	14.6	≤30	16.6	---	PASS
	Ant1	5825	9.40	≤30	11.40	---	PASS
	Ant2	5825	13.40	≤30	15.40	---	PASS
	total	5825	14.9	≤30	16.9	---	PASS
11N40MIMO	Ant1	5190	12.00	≤23.98	14.00	≤23	PASS
	Ant2	5190	12.00	≤23.98	14.00	≤23	PASS
	total	5190	15.0	≤23.98	17.0	≤23	PASS
	Ant1	5230	15.57	≤23.98	17.57	≤23	PASS

	Ant2	5230	8.79	≤23.98	10.79	≤23	PASS
	total	5230	16.4	≤23.98	18.4	≤23	PASS
	Ant1	5755	11.80	≤30	13.80	---	PASS
	Ant2	5755	12.43	≤30	14.43	---	PASS
	total	5755	15.1	≤30	17.1	---	PASS
	Ant1	5795	11.97	≤30	13.97	---	PASS
	Ant2	5795	11.37	≤30	13.37	---	PASS
	total	5795	14.7	≤30	16.7	---	PASS
11AC20MIM O	Ant1	5180	11.73	≤23.98	13.73	≤22.71	PASS
	Ant2	5180	10.75	≤23.98	12.75	≤22.63	PASS
	total	5180	14.3	≤23.98	16.3	≤22.63	PASS
	Ant1	5200	11.47	≤23.98	13.47	≤22.74	PASS
	Ant2	5200	10.23	≤23.98	12.23	≤22.59	PASS
	total	5200	13.9	≤23.98	15.9	≤22.59	PASS
	Ant1	5240	11.60	≤23.98	13.60	≤22.73	PASS
	Ant2	5240	11.47	≤23.98	13.47	≤22.62	PASS
	total	5240	14.5	≤23.98	16.5	≤22.62	PASS
	Ant1	5745	8.89	≤30	10.89	---	PASS
	Ant2	5745	13.10	≤30	15.10	---	PASS
	total	5745	14.5	≤30	16.5	---	PASS
	Ant1	5785	8.73	≤30	10.73	---	PASS
	Ant2	5785	11.28	≤30	13.28	---	PASS
	total	5785	13.2	≤30	15.2	---	PASS
	Ant1	5825	10.42	≤30	12.42	---	PASS
	Ant2	5825	10.87	≤30	12.87	---	PASS
	total	5825	13.7	≤30	15.7	---	PASS
11AC40MIM O	Ant1	5190	11.05	≤23.98	13.05	≤23	PASS
	Ant2	5190	11.59	≤23.98	13.59	≤23	PASS
	total	5190	14.3	≤23.98	16.3	≤23	PASS
	Ant1	5230	11.38	≤23.98	13.38	≤23	PASS
	Ant2	5230	13.37	≤23.98	15.37	≤23	PASS
	total	5230	15.5	≤23.98	17.5	≤23	PASS
	Ant1	5755	11.99	≤30	13.99	---	PASS
	Ant2	5755	12.15	≤30	14.15	---	PASS
	total	5755	15.1	≤30	17.1	---	PASS
	Ant1	5795	10.80	≤30	12.80	---	PASS
	Ant2	5795	10.79	≤30	12.79	---	PASS
	total	5795	13.8	≤30	15.8	---	PASS
11AC80MIM O	Ant1	5210	10.84	≤23.98	12.84	≤23	PASS
	Ant2	5210	12.03	≤23.98	14.03	≤23	PASS
	total	5210	14.5	≤23.98	16.5	≤23	PASS
	Ant1	5775	11.74	≤30	13.74	---	PASS
	Ant2	5775	9.74	≤30	11.74	---	PASS
	total	5775	13.9	≤30	15.9	---	PASS

Note: The Duty Cycle Factor is compensated in the graph.

5. Maximum power spectral density

5.1. Test Result

TestMode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A-CDD	Ant1	5180	-1.09	≤11	0.91	≤10	PASS
	Ant2	5180	-1.39	≤11	0.61	≤10	PASS
	total	5180	1.77	≤11	3.77	≤10	PASS
	Ant1	5200	-0.61	≤11	1.39	≤10	PASS
	Ant2	5200	-1.29	≤11	0.71	≤10	PASS
	total	5200	2.07	≤11	4.07	≤10	PASS
	Ant1	5240	-0.99	≤11	1.01	≤10	PASS
	Ant2	5240	-0.28	≤11	1.72	≤10	PASS
	total	5240	2.39	≤11	4.39	≤10	PASS
	Ant1	5745	-3.53	≤30	---	---	PASS
	Ant2	5745	0.52	≤30	---	---	PASS
	total	5745	1.96	≤30	---	---	PASS
	Ant1	5785	-3.38	≤30	---	---	PASS
	Ant2	5785	-0.39	≤30	---	---	PASS
	total	5785	1.38	≤30	---	---	PASS
	Ant1	5825	-4	≤30	---	---	PASS
	Ant2	5825	0.38	≤30	---	---	PASS
	total	5825	1.73	≤30	---	---	PASS
11N20MIMO	Ant1	5180	-5.06	≤11	-3.06	≤10	PASS
	Ant2	5180	3.42	≤11	5.42	≤10	PASS
	total	5180	4.00	≤11	6	≤10	PASS
	Ant1	5200	-3.72	≤11	-1.72	≤10	PASS
	Ant2	5200	4.73	≤11	6.73	≤10	PASS
	total	5200	5.31	≤11	7.31	≤10	PASS
	Ant1	5240	-1.95	≤11	0.05	≤10	PASS
	Ant2	5240	5.63	≤11	7.63	≤10	PASS
	total	5240	6.33	≤11	8.33	≤10	PASS
	Ant1	5745	-3.81	≤30	---	---	PASS
	Ant2	5745	0.04	≤30	---	---	PASS
	total	5745	1.54	≤30	---	---	PASS
	Ant1	5785	-4.51	≤30	---	---	PASS
	Ant2	5785	-1.03	≤30	---	---	PASS
	total	5785	0.58	≤30	---	---	PASS
	Ant1	5825	-4.68	≤30	---	---	PASS
	Ant2	5825	-0.65	≤30	---	---	PASS
	total	5825	0.80	≤30	---	---	PASS
11N40MIMO	Ant1	5190	-2.5	≤11	-0.5	≤10	PASS
	Ant2	5190	-2.21	≤11	-0.21	≤10	PASS
	total	5190	0.66	≤11	2.66	≤10	PASS
	Ant1	5230	0.94	≤11	2.94	≤10	PASS
	Ant2	5230	-4.95	≤11	-2.95	≤10	PASS

	total	5230	1.94	≤11	3.94	≤10	PASS
	Ant1	5755	-5.52	≤30	---	---	PASS
	Ant2	5755	-4.71	≤30	---	---	PASS
	total	5755	-2.09	≤30	---	---	PASS
	Ant1	5795	-5.36	≤30	---	---	PASS
	Ant2	5795	-5.42	≤30	---	---	PASS
	total	5795	-2.38	≤30	---	---	PASS
11AC20MIMO	Ant1	5180	0.29	≤11	2.29	≤10	PASS
	Ant2	5180	-0.51	≤11	1.49	≤10	PASS
	total	5180	2.92	≤11	4.92	≤10	PASS
	Ant1	5200	-0.17	≤11	1.83	≤10	PASS
	Ant2	5200	-1.18	≤11	0.82	≤10	PASS
	total	5200	2.36	≤11	4.36	≤10	PASS
	Ant1	5240	-0.05	≤11	1.95	≤10	PASS
	Ant2	5240	0.08	≤11	2.08	≤10	PASS
	total	5240	3.03	≤11	5.03	≤10	PASS
	Ant1	5745	-5.66	≤30	---	---	PASS
	Ant2	5745	-0.67	≤30	---	---	PASS
	total	5745	0.53	≤30	---	---	PASS
	Ant1	5785	-5.89	≤30	---	---	PASS
	Ant2	5785	-3.28	≤30	---	---	PASS
	total	5785	-1.38	≤30	---	---	PASS
	Ant1	5825	-5.37	≤30	---	---	PASS
	Ant2	5825	-3.11	≤30	---	---	PASS
	total	5825	-1.08	≤30	---	---	PASS
11AC40MIMO	Ant1	5190	-3.44	≤11	-1.44	≤10	PASS
	Ant2	5190	-2.76	≤11	-0.76	≤10	PASS
	total	5190	-0.08	≤11	1.92	≤10	PASS
	Ant1	5230	-3.23	≤11	-1.23	≤10	PASS
	Ant2	5230	-0.48	≤11	1.52	≤10	PASS
	total	5230	1.37	≤11	3.37	≤10	PASS
	Ant1	5755	-4.94	≤30	---	---	PASS
	Ant2	5755	-4.64	≤30	---	---	PASS
	total	5755	-1.78	≤30	---	---	PASS
	Ant1	5795	-6.26	≤30	---	---	PASS
	Ant2	5795	-6.35	≤30	---	---	PASS
	total	5795	-3.29	≤30	---	---	PASS
11AC80MIMO	Ant1	5210	-5.42	≤11	-3.42	≤10	PASS
	Ant2	5210	-4.43	≤11	-2.43	≤10	PASS
	total	5210	-1.89	≤11	0.11	≤10	PASS
	Ant1	5775	-7.84	≤30	---	---	PASS
	Ant2	5775	-9.54	≤30	---	---	PASS
	total	5775	-5.60	≤30	---	---	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

5.2. Test Graphs

11A-CDD_Ant1_5180



11A-CDD_Ant2_5180



11A-CDD_Ant1_5200



11A-CDD_Ant2_5200



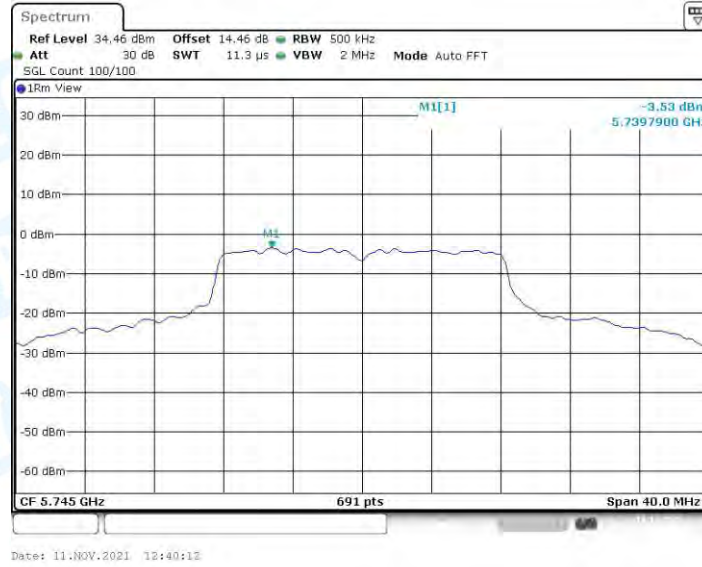
11A-CDD_Ant1_5240



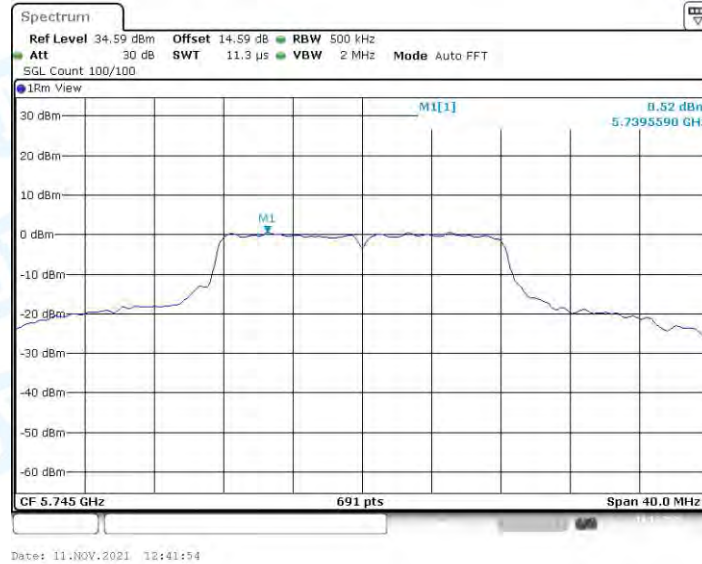
11A-CDD_Ant2_5240



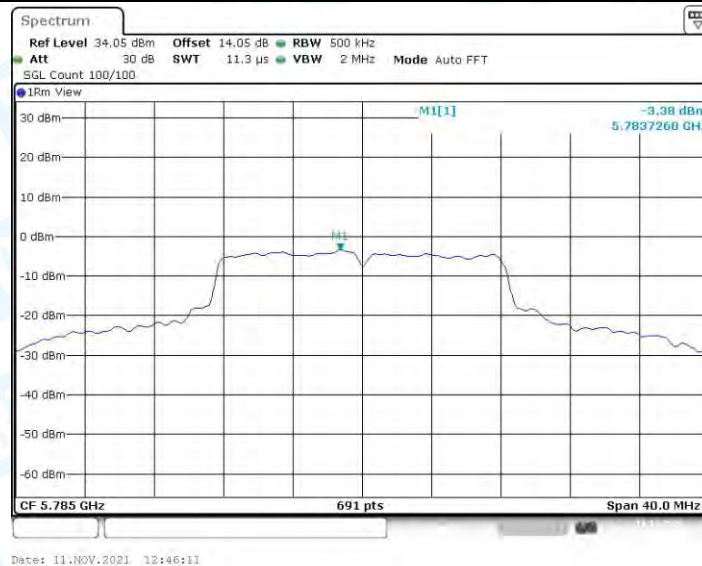
11A-CDD_Ant1_5745



11A-CDD_Ant2_5745



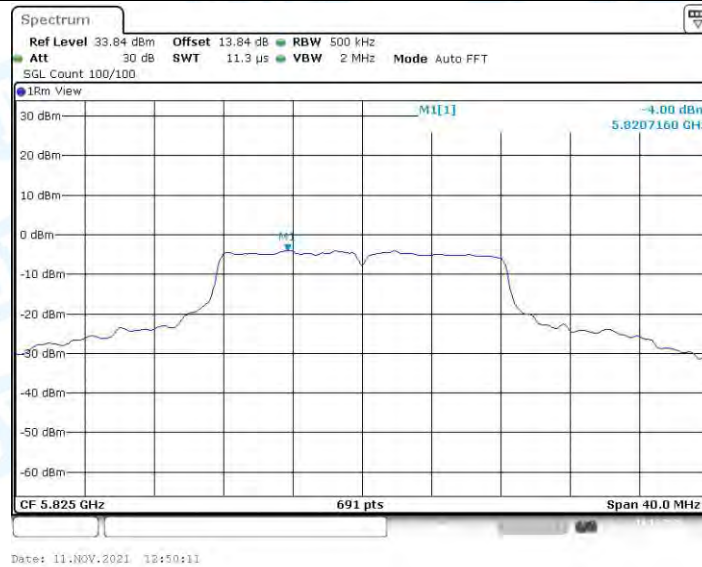
11A-CDD_Ant1_5785



11A-CDD_Ant2_5785



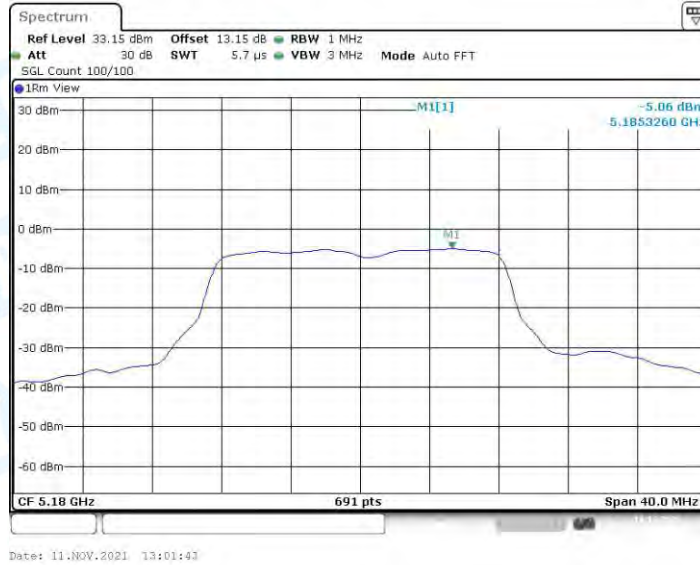
11A-CDD_Ant1_5825



11A-CDD_Ant2_5825



11N20MIMO_Ant1_5180



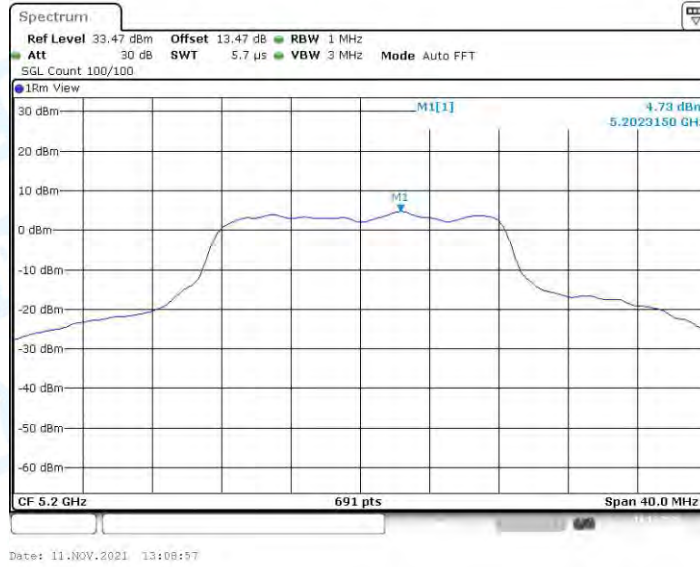
11N20MIMO_Ant2_5180



11N20MIMO_Ant1_5200



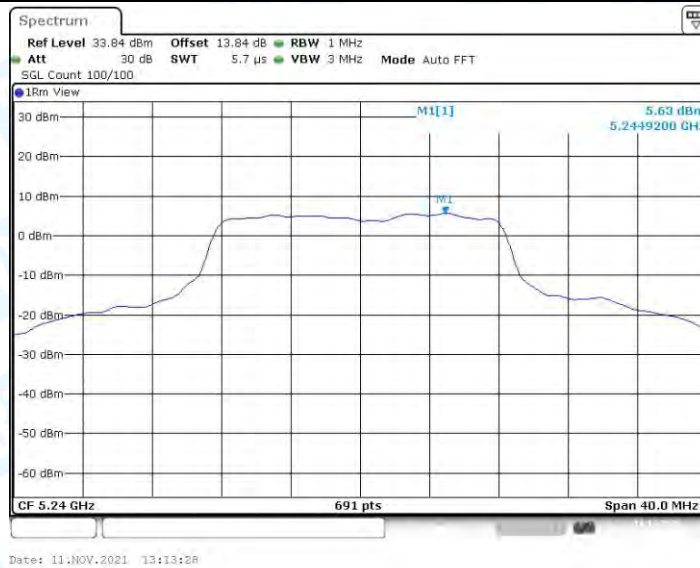
11N20MIMO_Ant2_5200



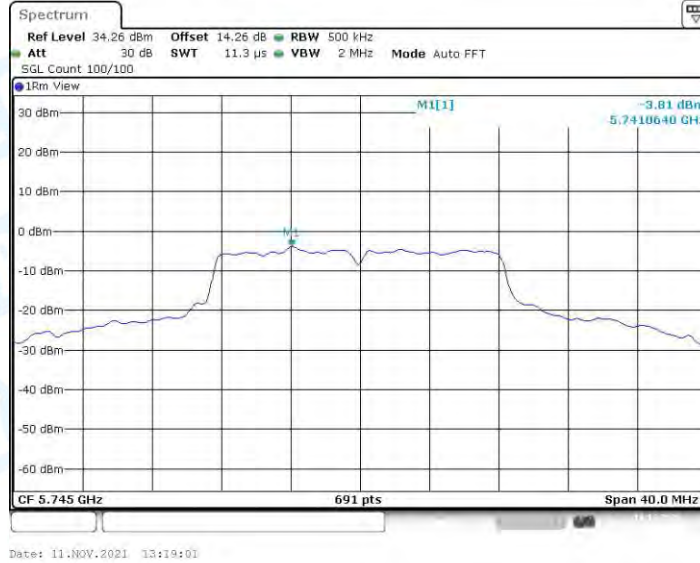
11N20MIMO_Ant1_5240



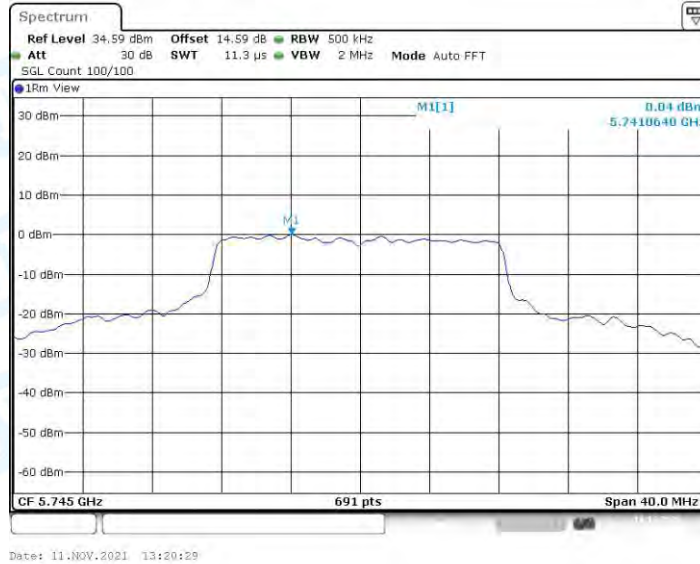
11N20MIMO_Ant2_5240



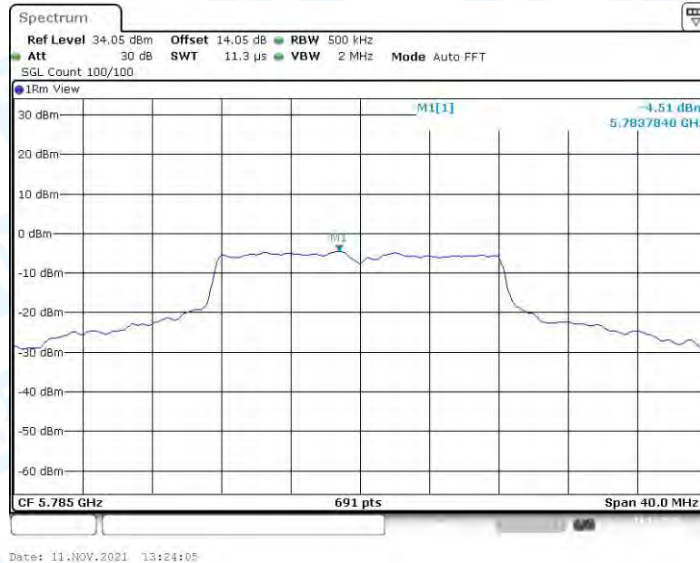
11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



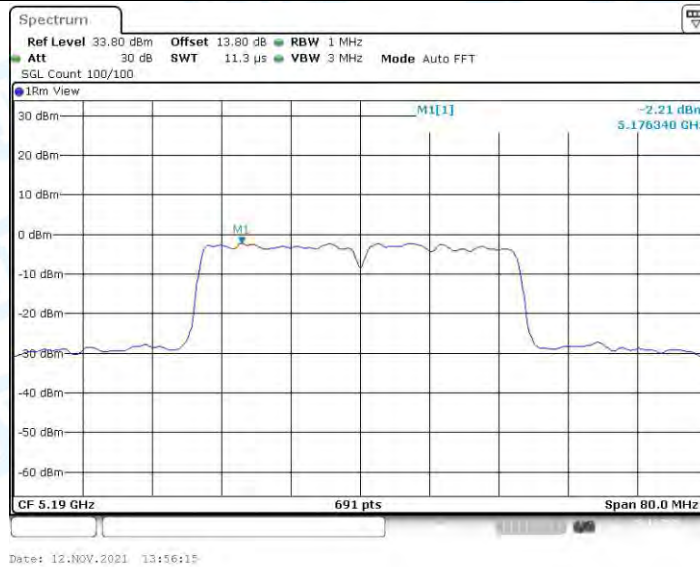
11N20MIMO_Ant2_5825



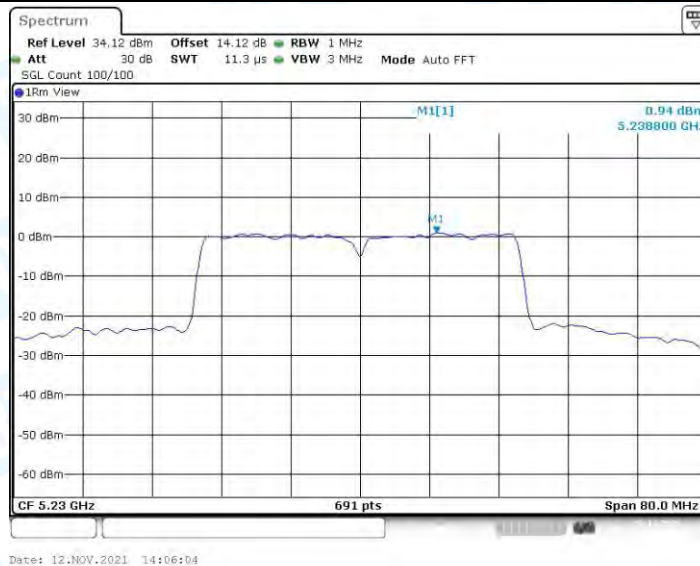
11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



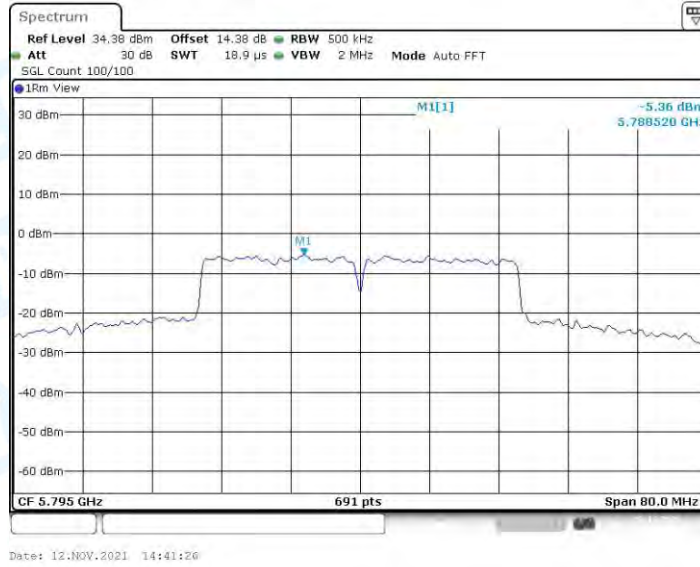
11N40MIMO_Ant1_5755



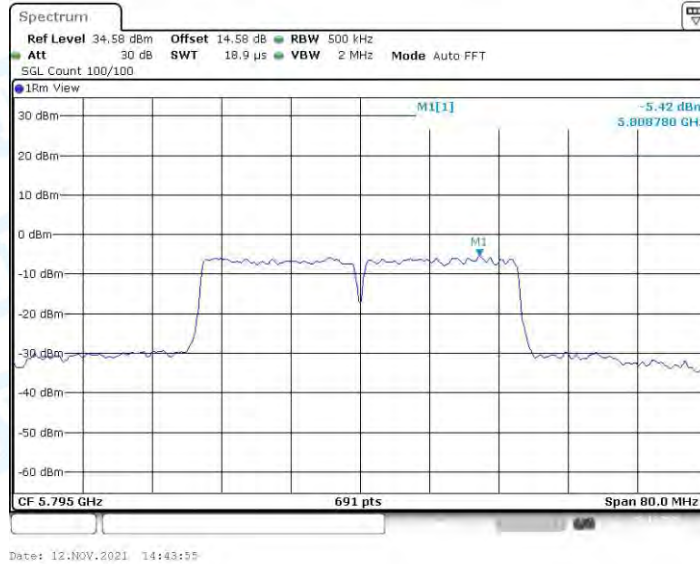
11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5180



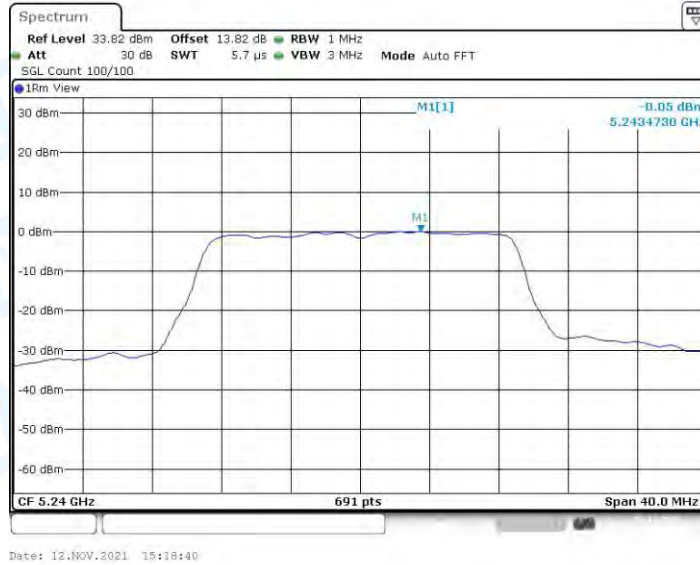
11AC20MIMO_Ant1_5200



11AC20MIMO_Ant2_5200



11AC20MIMO_Ant1_5240



11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785



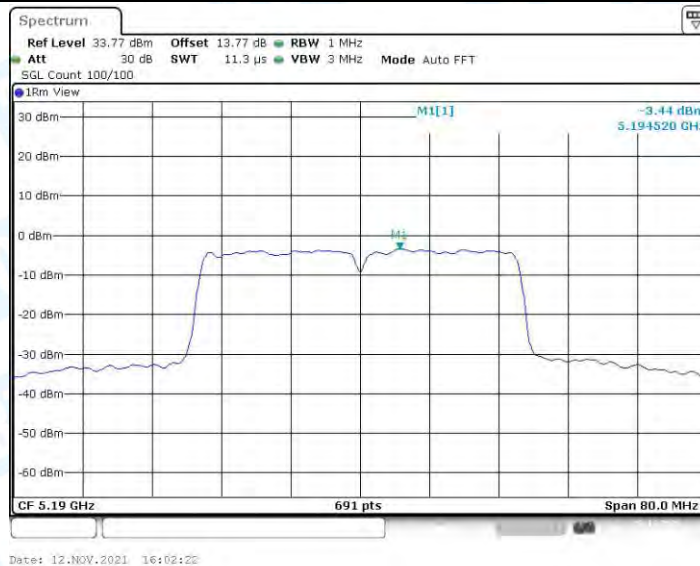
11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



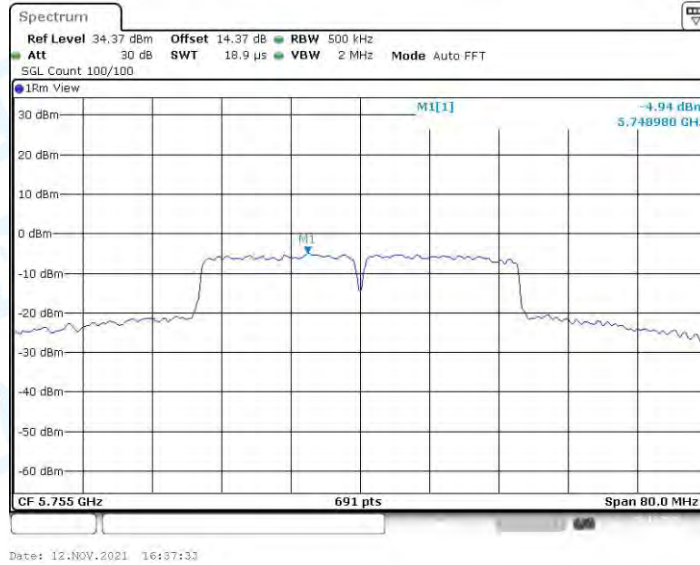
11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230



11AC40MIMO_Ant1_5755



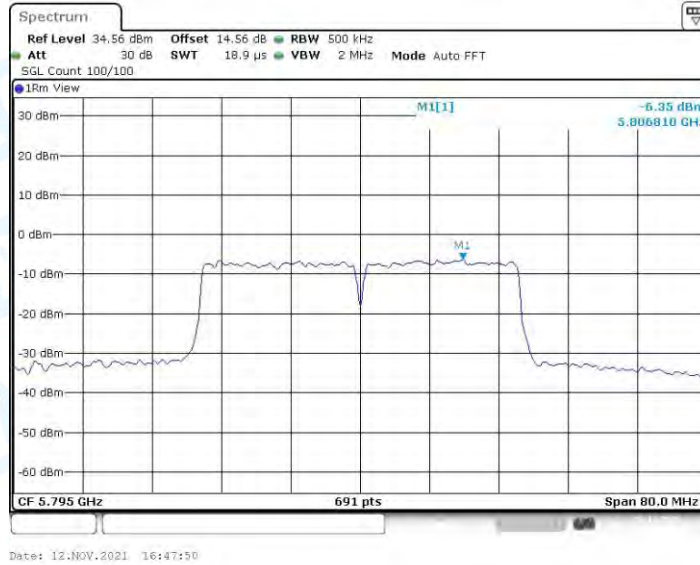
11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



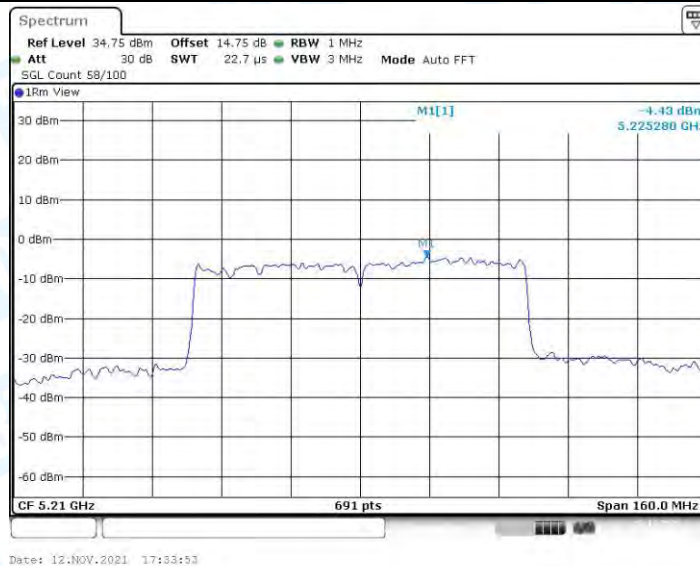
11AC40MIMO_Ant2_5795



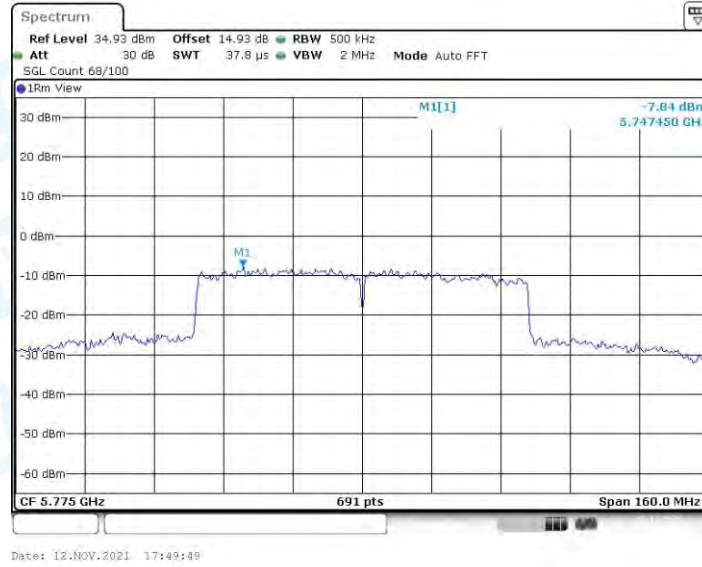
11AC80MIMO_Ant1_5210



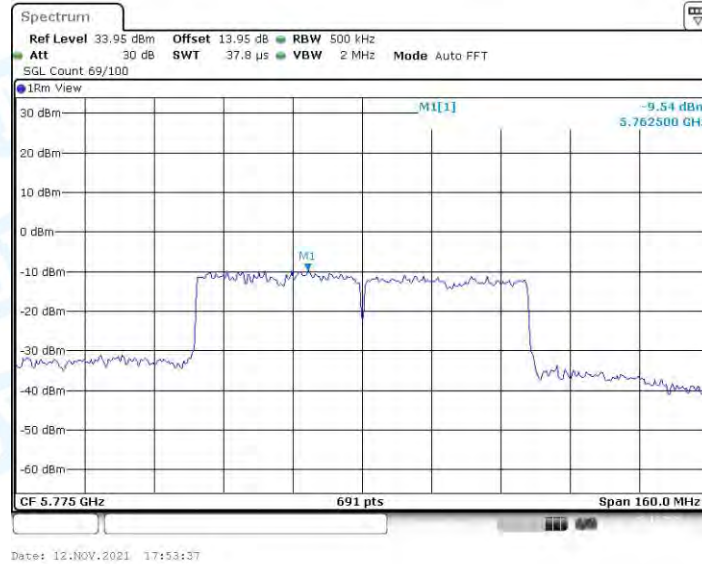
11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



6. Conducted Spurious Emission

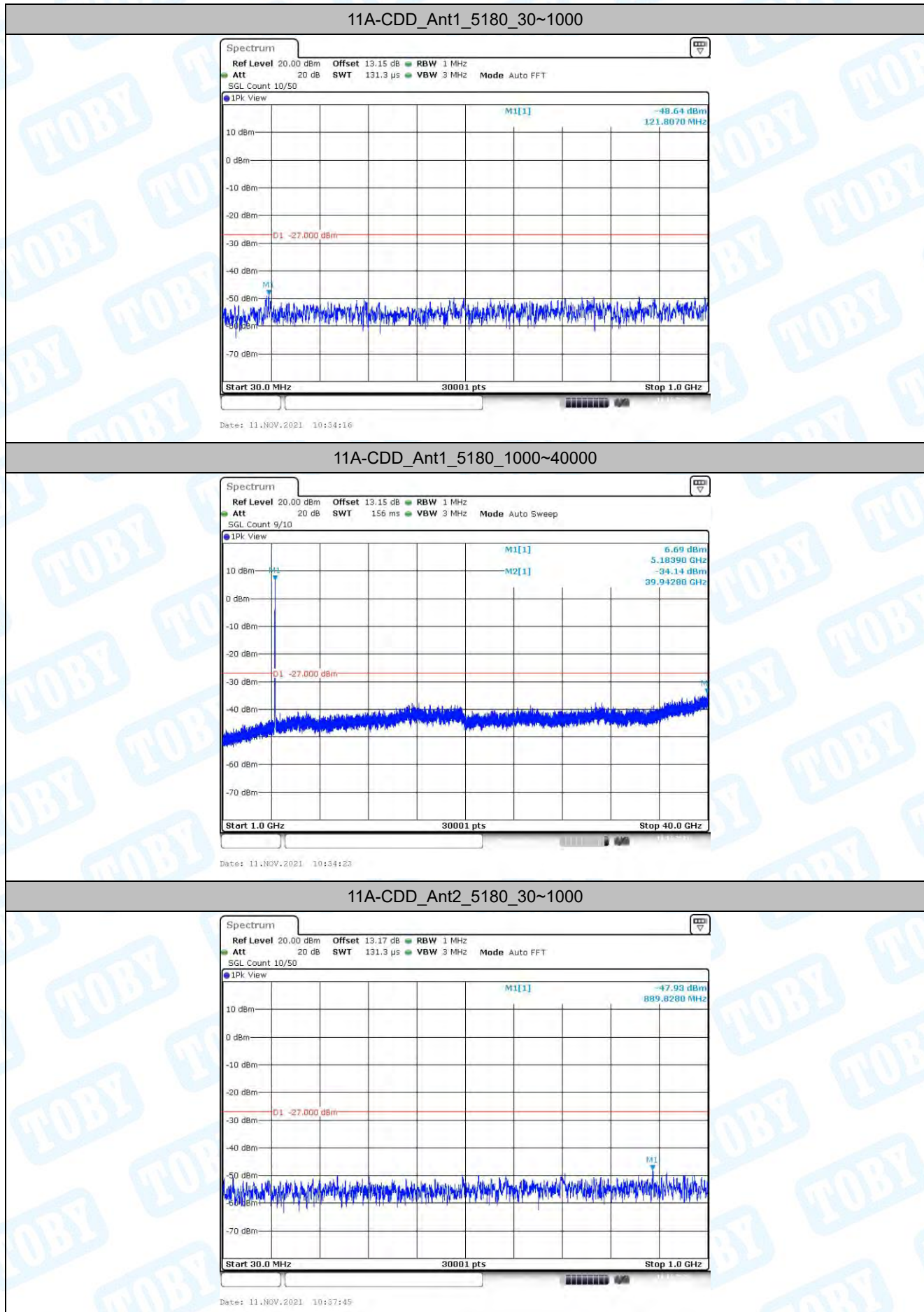
6.1. Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A-CDD	Ant1	5180	30~1000	121.81	-48.64	≤-27	PASS
			1000~40000	39942.8	-34.14	≤-27	PASS
	Ant2	5180	30~1000	889.83	-47.93	≤-27	PASS
			1000~40000	39597	-34.01	≤-27	PASS
	Ant1	5200	30~1000	902.02	-47.24	≤-27	PASS
			1000~40000	39467	-34.07	≤-27	PASS
	Ant2	5200	30~1000	509.37	-47.82	≤-27	PASS
			1000~40000	39980.5	-34.59	≤-27	PASS
	Ant1	5240	30~1000	847.28	-47.99	≤-27	PASS
			1000~40000	39629.5	-33.59	≤-27	PASS
	Ant2	5240	30~1000	706.63	-47.07	≤-27	PASS
			1000~40000	40000	-32.59	≤-27	PASS
	Ant1	5745	30~1000	962.87	-47.73	≤-27	PASS
			1000~40000	39808.9	-33.48	≤-27	PASS
	Ant2	5745	30~1000	909.91	-47.99	≤-27	PASS
			1000~40000	39759.5	-32.88	≤-27	PASS
	Ant1	5785	30~1000	897.49	-48.05	≤-27	PASS
			1000~40000	39476.1	-33.8	≤-27	PASS
	Ant2	5785	30~1000	959.41	-48.34	≤-27	PASS
			1000~40000	39993.5	-33.59	≤-27	PASS
	Ant1	5825	30~1000	866.23	-48.75	≤-27	PASS
			1000~40000	39738.7	-34.37	≤-27	PASS
	Ant2	5825	30~1000	360.48	-48.92	≤-27	PASS
			1000~40000	39998.7	-32.74	≤-27	PASS
11N20MIMO	Ant1	5180	30~1000	691.76	-48.86	≤-27	PASS
			1000~40000	39572.3	-33.99	≤-27	PASS
	Ant2	5180	30~1000	963.29	-48.19	≤-27	PASS
			1000~40000	39929.8	-34.31	≤-27	PASS
	Ant1	5200	30~1000	312.41	-48.36	≤-27	PASS
			1000~40000	39606.1	-34.11	≤-27	PASS
	Ant2	5200	30~1000	997.37	-48.27	≤-27	PASS
			1000~40000	39905.1	-34.25	≤-27	PASS
	Ant1	5240	30~1000	871.59	-48.9	≤-27	PASS
			1000~40000	39972.7	-33.36	≤-27	PASS
	Ant2	5240	30~1000	890.15	-48.47	≤-27	PASS
			1000~40000	39008.1	-33.61	≤-27	PASS
	Ant1	5745	30~1000	782	-48.12	≤-27	PASS
			1000~40000	39577.5	-33.85	≤-27	PASS
	Ant2	5745	30~1000	711.71	-47.62	≤-27	PASS
			1000~40000	39547.6	-32.98	≤-27	PASS
	Ant1	5785	30~1000	117.35	-47.43	≤-27	PASS

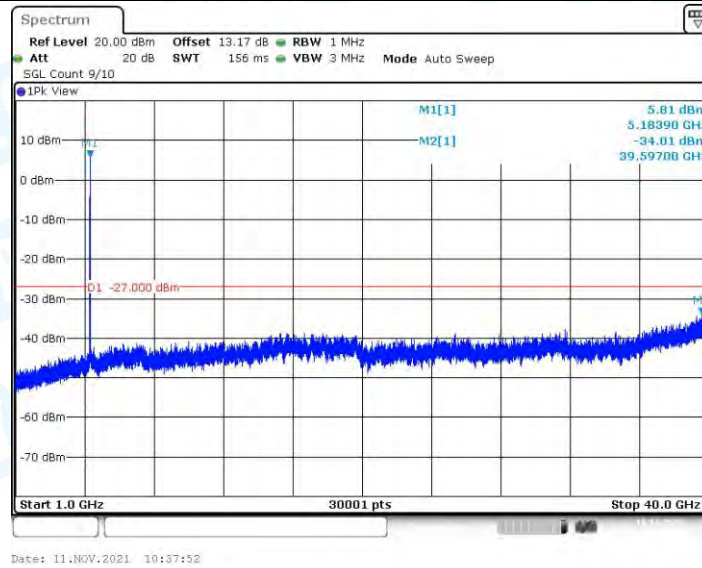
	Ant2	5785	1000~40000	39989.6	-32.77	≤-27	PASS
			30~1000	754	-48.33	≤-27	PASS
	Ant1	5825	1000~40000	39578.8	-33.28	≤-27	PASS
			30~1000	706.25	-47.81	≤-27	PASS
	Ant2	5825	1000~40000	39953.2	-33.72	≤-27	PASS
			30~1000	967.62	-47.26	≤-27	PASS
11N40MIMO	Ant1	5190	1000~40000	39418.9	-33.92	≤-27	PASS
			30~1000	30.99	-41.31	≤-27	PASS
	Ant2	5190	1000~40000	39972.7	-33.82	≤-27	PASS
			30~1000	890.41	-49.3	≤-27	PASS
	Ant1	5230	1000~40000	39940.2	-33.48	≤-27	PASS
			30~1000	777.64	-48.92	≤-27	PASS
	Ant2	5230	1000~40000	39403.3	-32.94	≤-27	PASS
			30~1000	678.44	-48.2	≤-27	PASS
	Ant1	5755	1000~40000	40000	-33.11	≤-27	PASS
			30~1000	30.15	-38.28	≤-27	PASS
	Ant2	5755	1000~40000	39976.6	-33.63	≤-27	PASS
			30~1000	959.92	-48.06	≤-27	PASS
	Ant1	5795	1000~40000	39652.9	-33.18	≤-27	PASS
			30~1000	875.73	-47.51	≤-27	PASS
	Ant2	5795	1000~40000	39945.4	-33.82	≤-27	PASS
			30~1000	745.14	-47.57	≤-27	PASS
11AC20MIMO	Ant1	5180	1000~40000	39983.1	-33.56	≤-27	PASS
			30~1000	509.37	-47.79	≤-27	PASS
	Ant2	5180	1000~40000	39517.7	-34.12	≤-27	PASS
			30~1000	975.67	-48.66	≤-27	PASS
	Ant1	5200	1000~40000	39684.1	-34.18	≤-27	PASS
			30~1000	890.28	-48.62	≤-27	PASS
	Ant2	5200	1000~40000	39942.8	-33.72	≤-27	PASS
			30~1000	892.41	-48.44	≤-27	PASS
	Ant1	5240	1000~40000	39807.6	-34.29	≤-27	PASS
			30~1000	863.74	-47.94	≤-27	PASS
	Ant2	5240	1000~40000	39975.3	-33.48	≤-27	PASS
			30~1000	711.77	-48.45	≤-27	PASS
	Ant1	5745	1000~40000	39485.2	-33.91	≤-27	PASS
			30~1000	900.24	-47.38	≤-27	PASS
	Ant2	5745	1000~40000	39571	-33.6	≤-27	PASS
			30~1000	888.92	-46.79	≤-27	PASS
	Ant1	5785	1000~40000	39993.5	-32.99	≤-27	PASS
			30~1000	960.51	-48.11	≤-27	PASS
	Ant2	5785	1000~40000	39997.4	-33.47	≤-27	PASS
			30~1000	899.2	-35.21	≤-27	PASS
	Ant1	5825	1000~40000	39953.2	-33.14	≤-27	PASS
			30~1000	123.07	-48.26	≤-27	PASS
	Ant2	5825	1000~40000	39880.4	-33.95	≤-27	PASS
			30~1000	709.09	-48.22	≤-27	PASS

11AC40MIMO	Ant1	5190	1000~40000	39993.5	-32.83	≤ -27	PASS
			30~1000	783.88	-49.28	≤ -27	PASS
	Ant2	5190	1000~40000	39733.5	-34.16	≤ -27	PASS
			30~1000	706.25	-48.27	≤ -27	PASS
	Ant1	5230	1000~40000	39598.3	-34.21	≤ -27	PASS
			30~1000	896.78	-47.64	≤ -27	PASS
	Ant2	5230	1000~40000	39391.6	-32.05	≤ -27	PASS
			30~1000	899.27	-48	≤ -27	PASS
	Ant1	5755	1000~40000	39671.1	-33.25	≤ -27	PASS
			30~1000	970.69	-46.78	≤ -27	PASS
	Ant2	5755	1000~40000	39996.1	-33	≤ -27	PASS
			30~1000	873.02	-47.62	≤ -27	PASS
	Ant1	5795	1000~40000	39974	-33.52	≤ -27	PASS
			30~1000	40.14	-46.6	≤ -27	PASS
	Ant2	5795	1000~40000	39698.4	-32.87	≤ -27	PASS
			30~1000	893.74	-46.79	≤ -27	PASS
11AC80MIMO	Ant1	5210	1000~40000	39945.4	-33.62	≤ -27	PASS
			30~1000	708.09	-48.39	≤ -27	PASS
	Ant2	5210	1000~40000	39028.9	-33.45	≤ -27	PASS
			30~1000	851.32	-48.3	≤ -27	PASS
	Ant1	5775	1000~40000	39645.1	-33.3	≤ -27	PASS
			30~1000	866.19	-47.12	≤ -27	PASS
	Ant2	5775	1000~40000	39993.5	-33.13	≤ -27	PASS
			30~1000	511.15	-47.05	≤ -27	PASS
			1000~40000	39938.9	-32.73	≤ -27	PASS

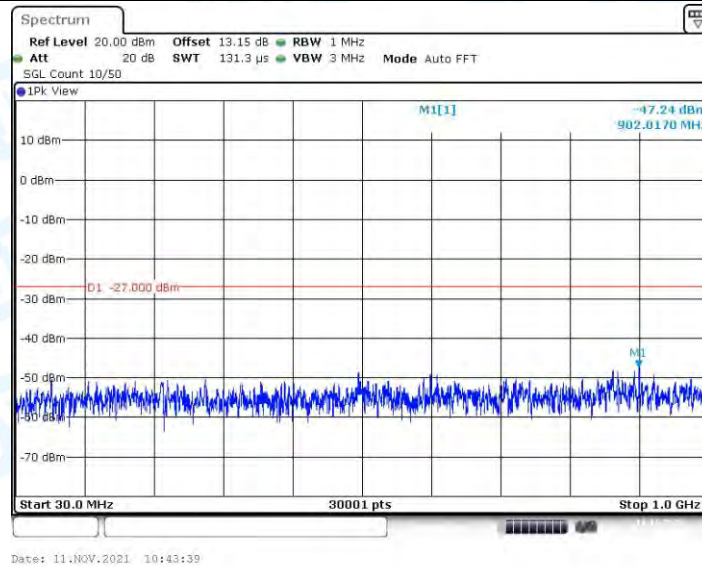
6.2. Test Graphs



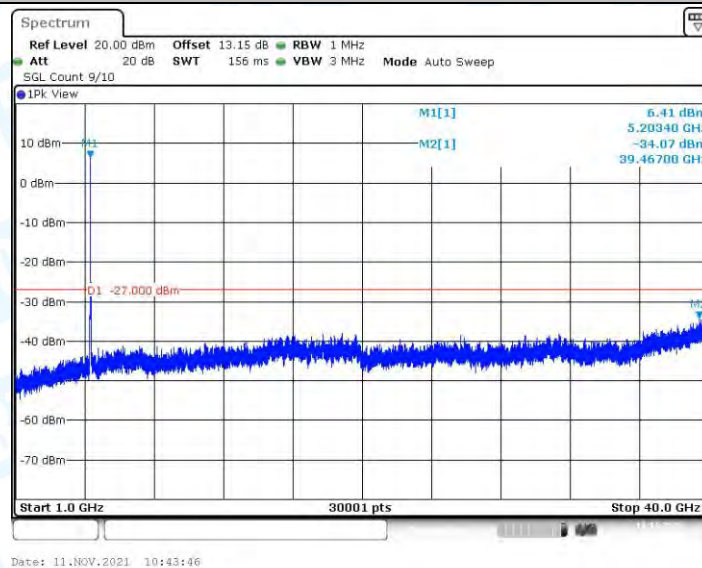
11A-CDD_Ant2_5180_1000~40000



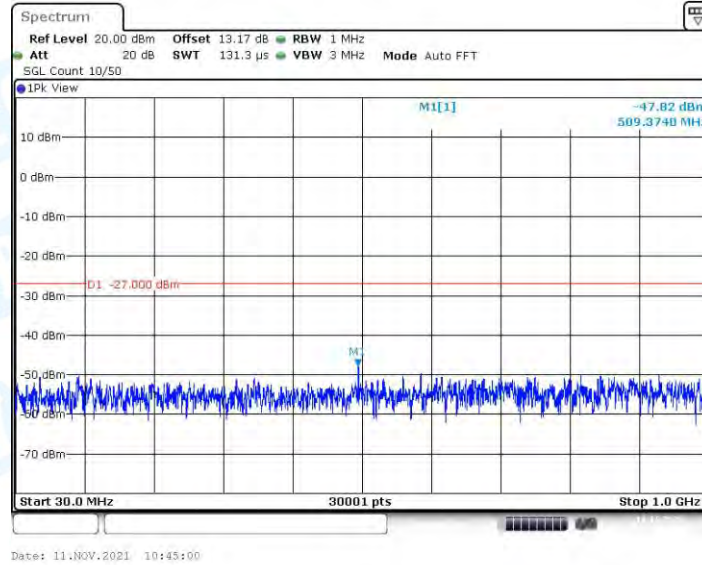
11A-CDD_Ant1_5200_30~1000



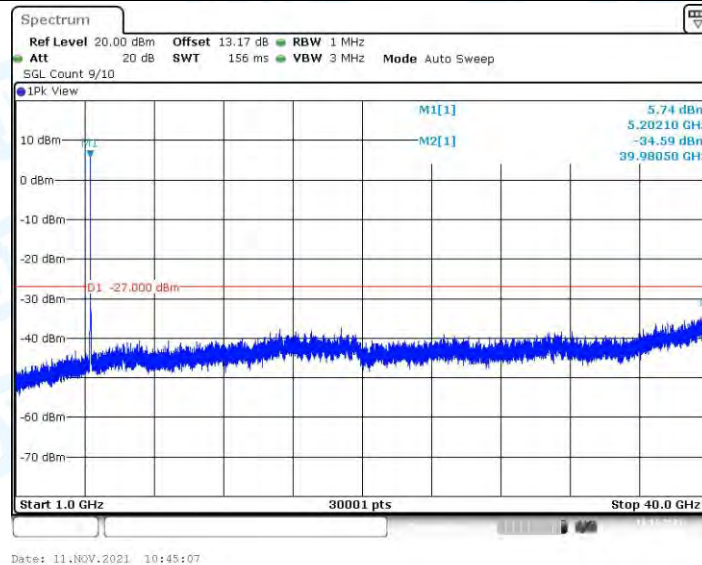
11A-CDD_Ant1_5200_1000~40000



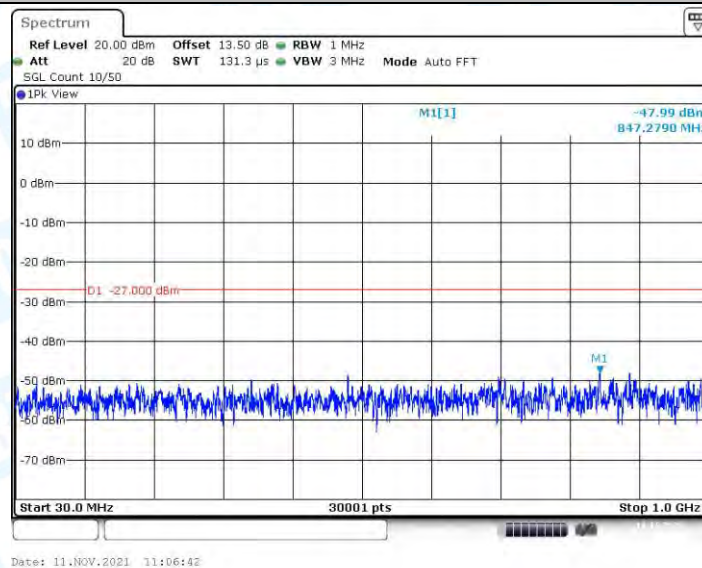
11A-CDD_Ant2_5200_30~1000



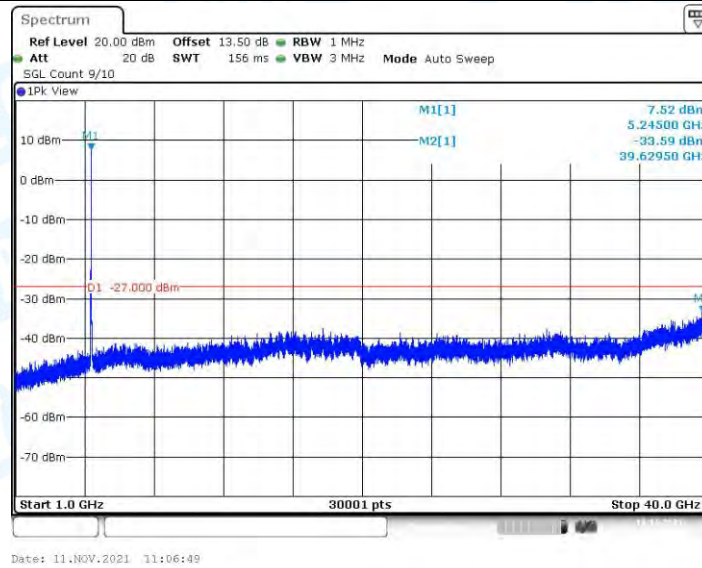
11A-CDD_Ant2_5200_1000~40000



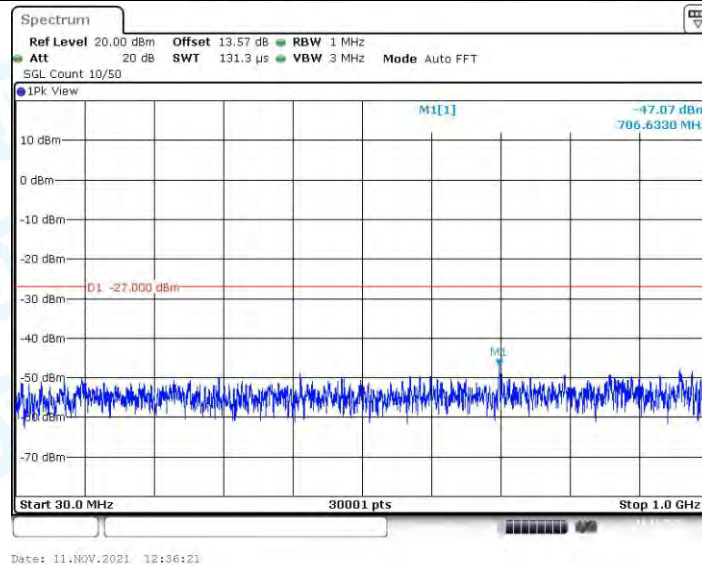
11A-CDD_Ant1_5240_30~1000



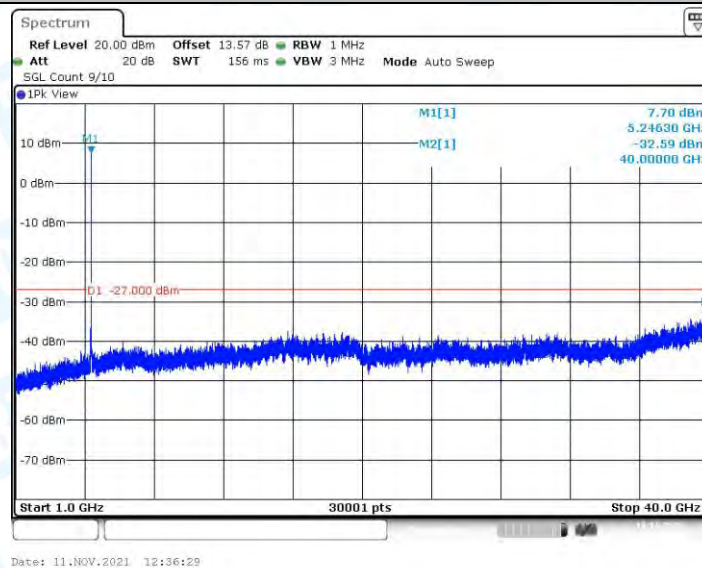
11A-CDD_Ant1_5240_1000~40000



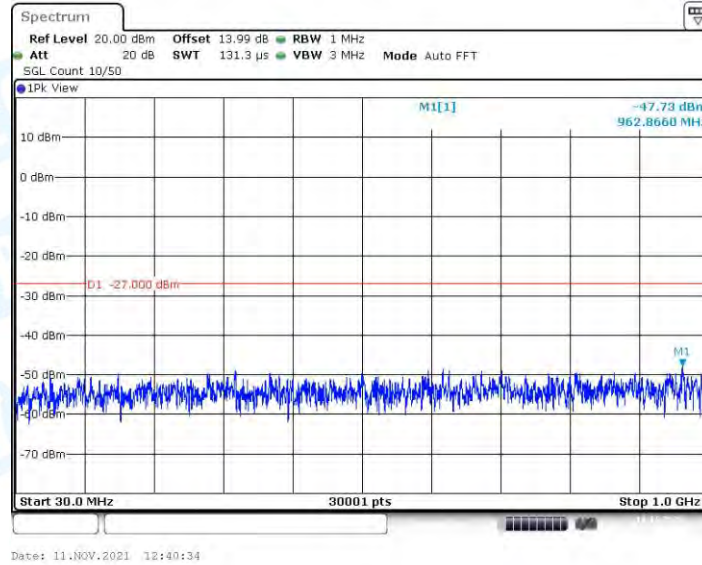
11A-CDD_Ant2_5240_30~1000



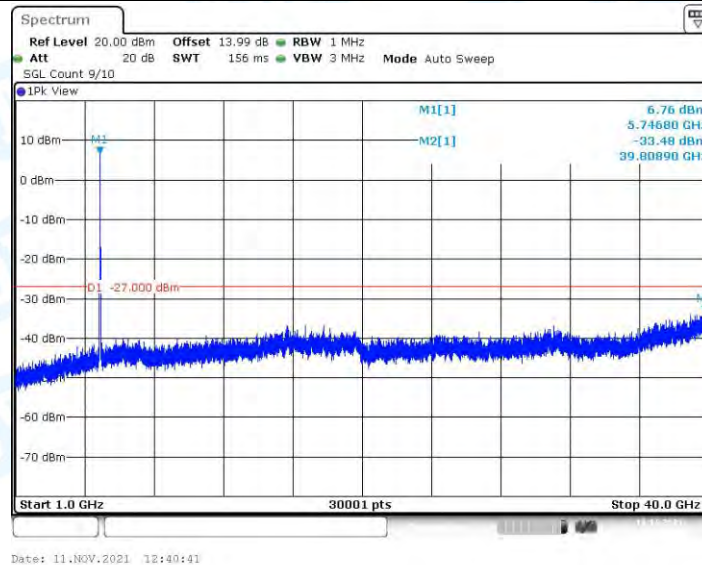
11A-CDD_Ant2_5240_1000~40000



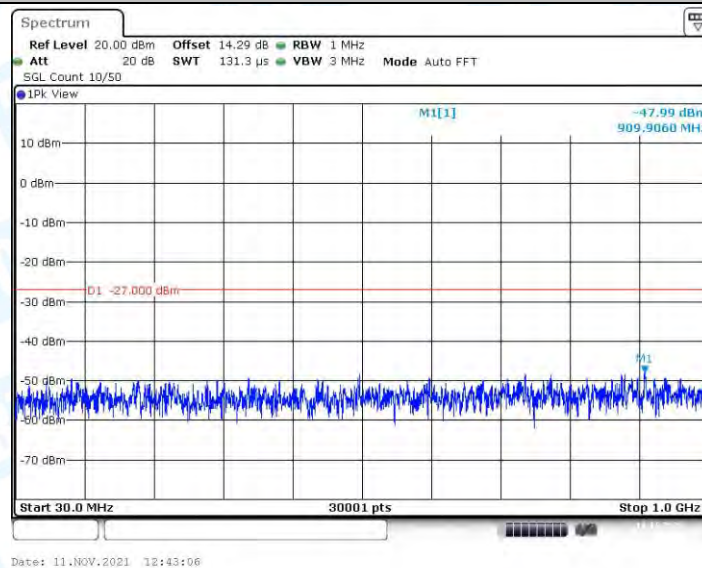
11A-CDD_Ant1_5745_30~1000



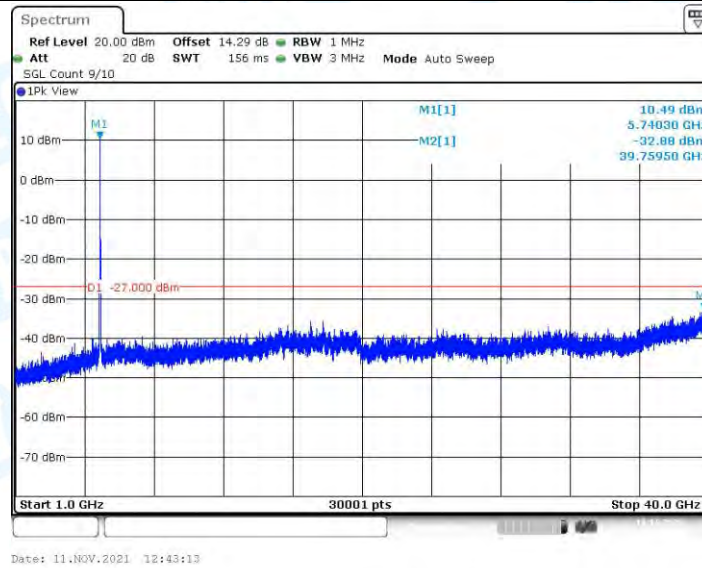
11A-CDD_Ant1_5745_1000~40000



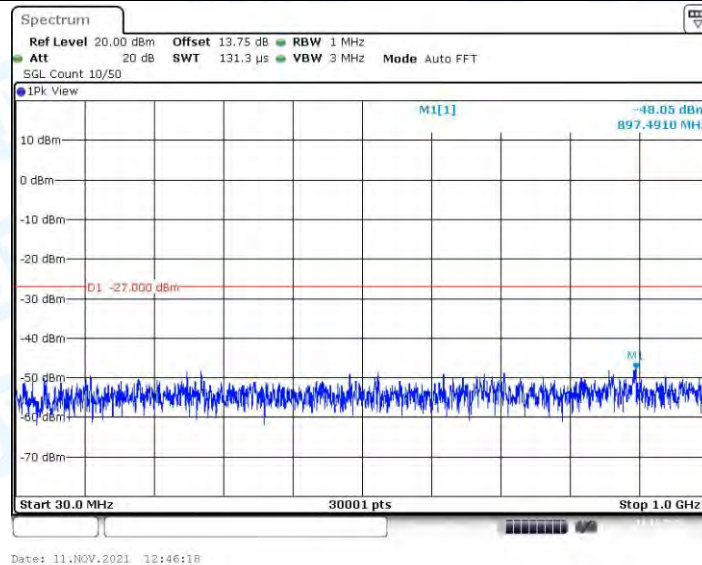
11A-CDD_Ant2_5745_30~1000



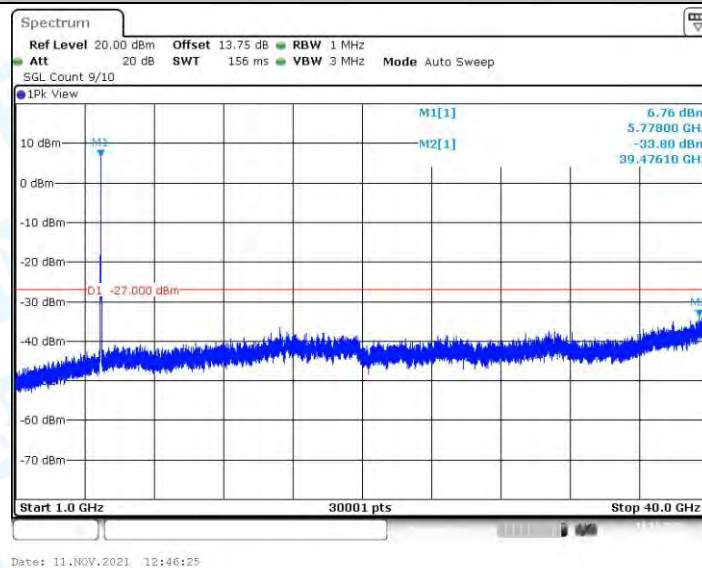
11A-CDD_Ant2_5745_1000~40000



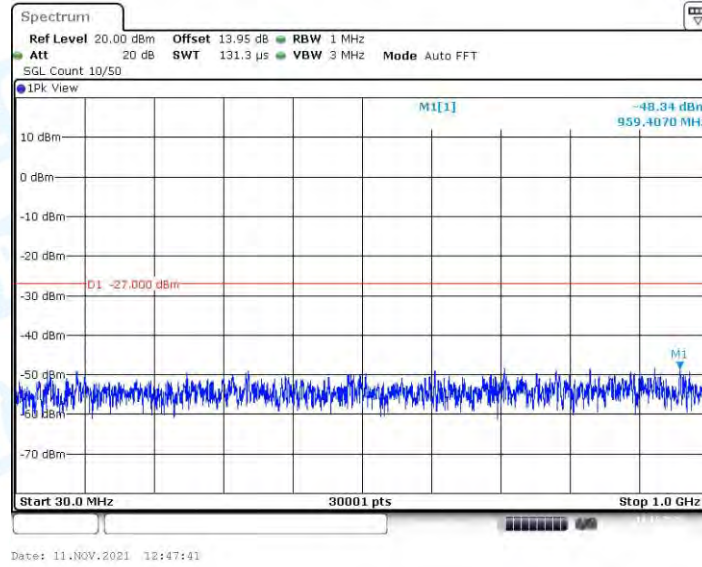
11A-CDD_Ant1_5785_30~1000



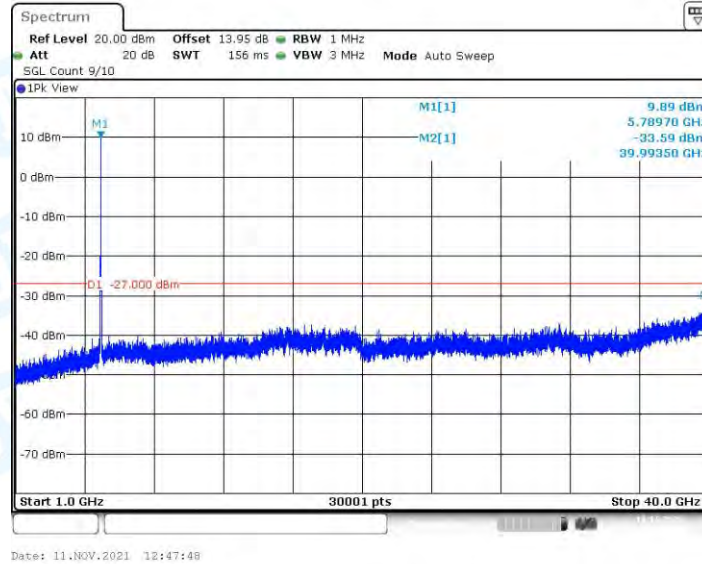
11A-CDD_Ant1_5785_1000~40000



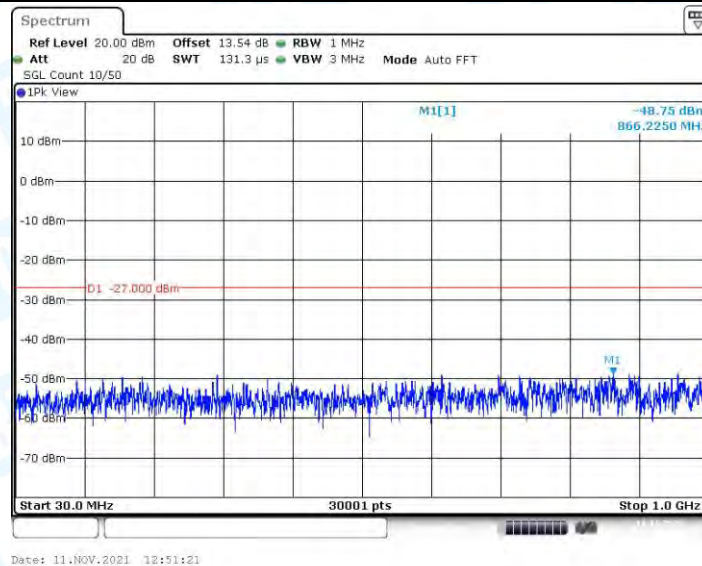
11A-CDD_Ant2_5785_30~1000



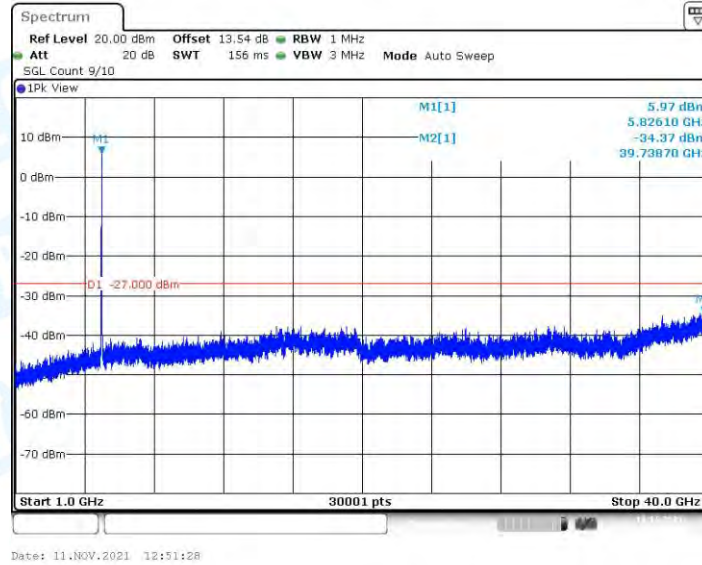
11A-CDD_Ant2_5785_1000~40000



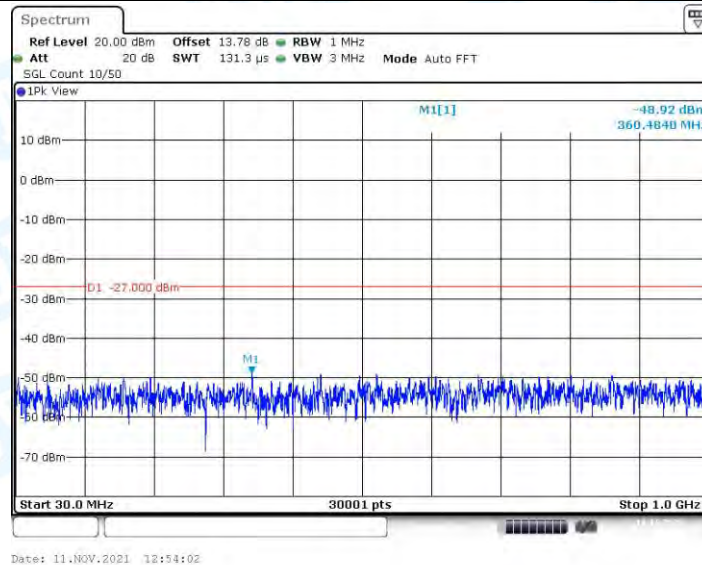
11A-CDD_Ant1_5825_30~1000



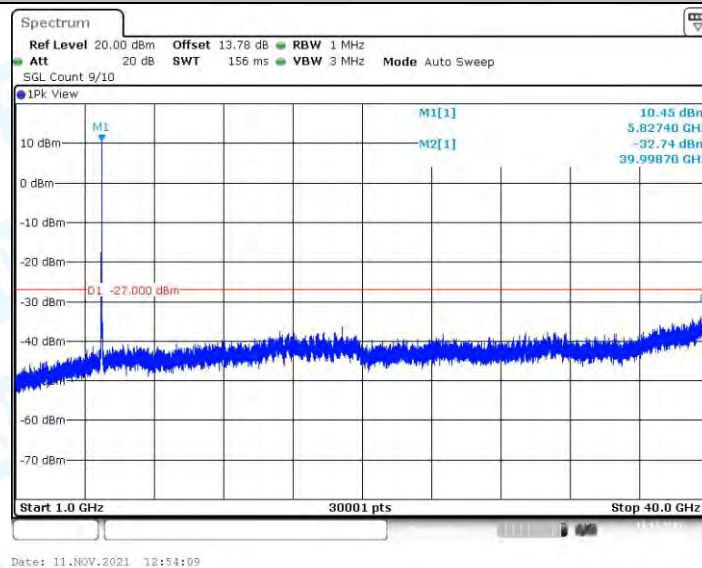
11A-CDD_Ant1_5825_1000~40000



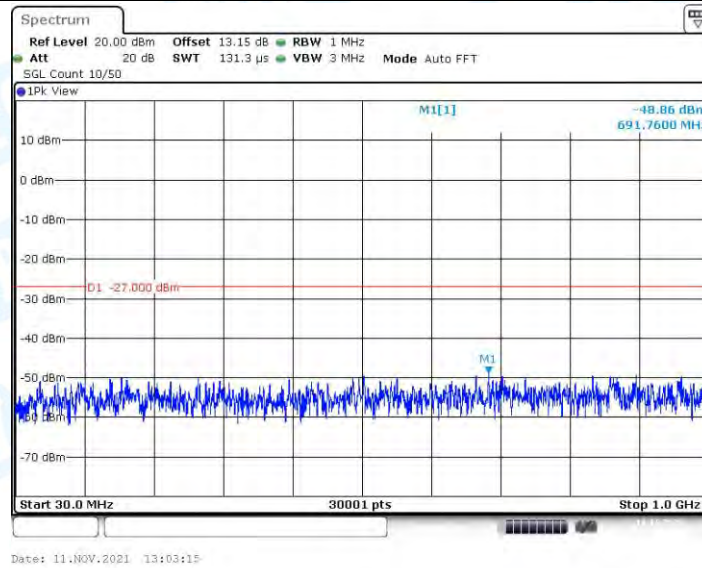
11A-CDD_Ant2_5825_30~1000



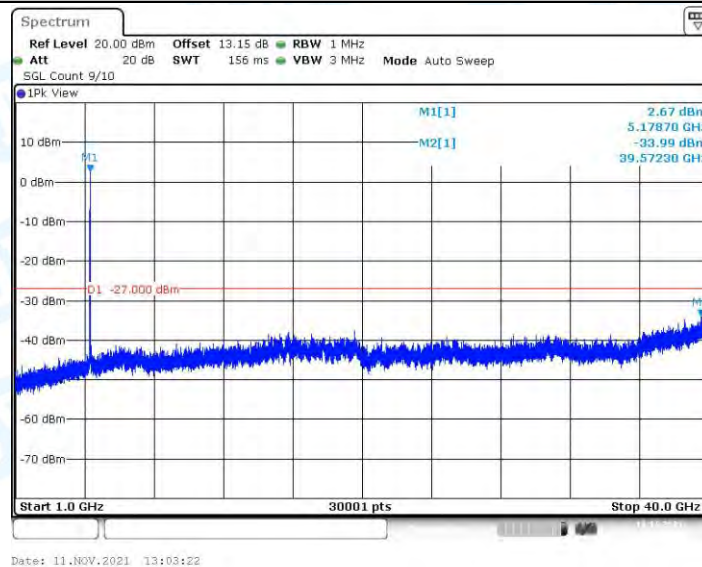
11A-CDD_Ant2_5825_1000~40000



11N20MIMO_Ant1_5180_30~1000



11N20MIMO_Ant1_5180_1000~40000



11N20MIMO_Ant2_5180_30~1000

