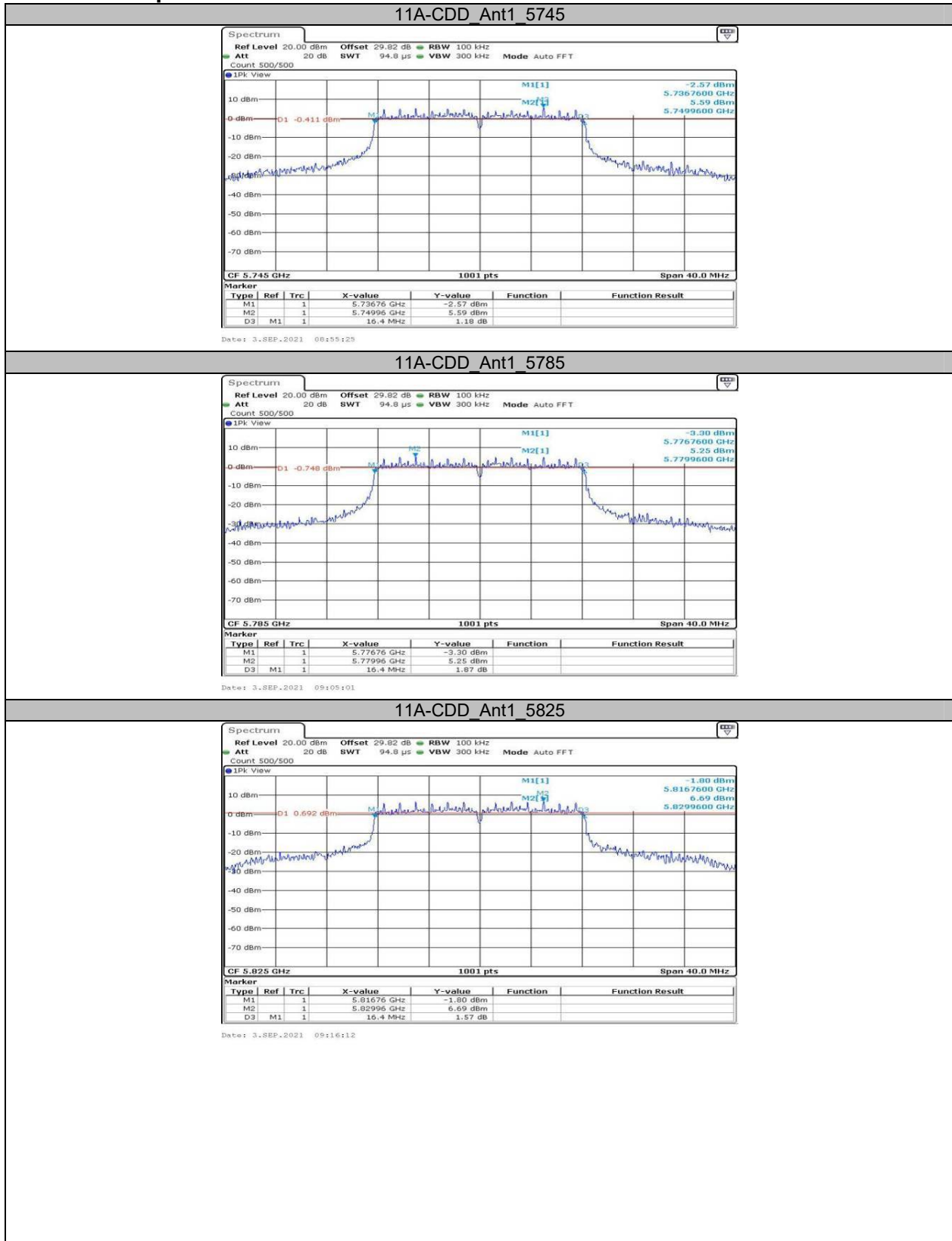


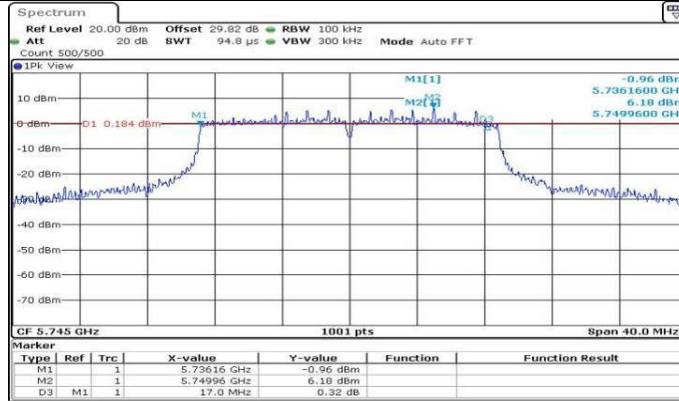
Appendix A3: Min emission bandwidth Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5745	16.400	0.5	PASS
		5785	16.400	0.5	PASS
		5825	16.400	0.5	PASS
11N20MIMO	Ant1	5745	17.000	0.5	PASS
		5785	17.240	0.5	PASS
		5825	17.680	0.5	PASS
11N40MIMO	Ant1	5755	35.680	0.5	PASS
		5795	35.920	0.5	PASS
11AC20MIMO	Ant1	5745	17.640	0.5	PASS
		5785	17.640	0.5	PASS
		5825	17.640	0.5	PASS
11AC40MIMO	Ant1	5755	36.080	0.5	PASS
		5795	36.480	0.5	PASS
11AC80MIMO	Ant1	5775	76.000	0.5	PASS
11AX20MIMO	Ant1	5745	18.800	0.5	PASS
		5785	18.880	0.5	PASS
		5825	18.680	0.5	PASS
11AX40MIMO	Ant1	5755	38.000	0.5	PASS
		5795	38.000	0.5	PASS
11AX80MIMO	Ant1	5775	75.680	0.5	PASS

Test Graphs

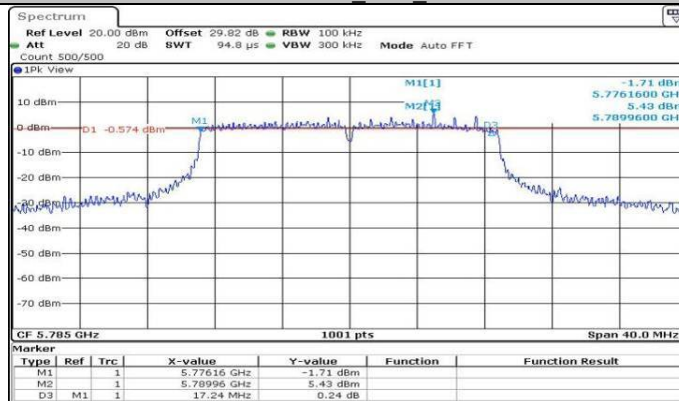


11N20MIMO Ant1 5745



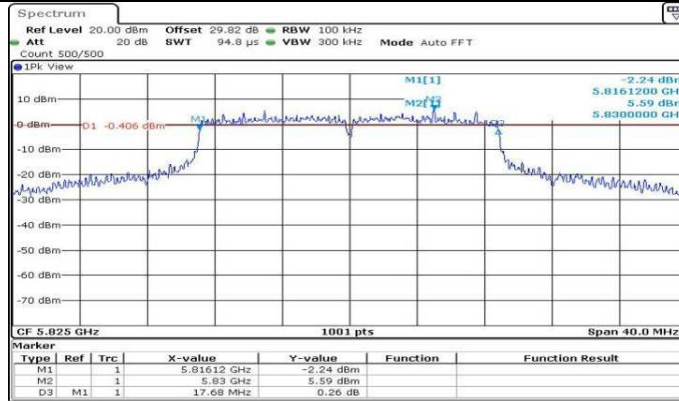
Date: 3.SEP.2021 09:23:24

11N20MIMO Ant1 5785



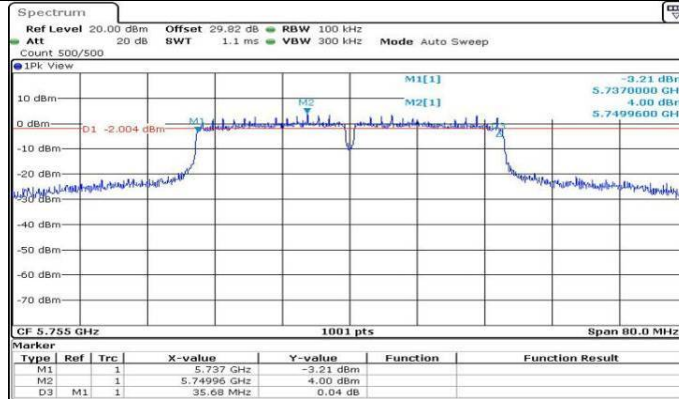
Date: 3.SEP.2021 10:03:34

11N20MIMO Ant1 5825

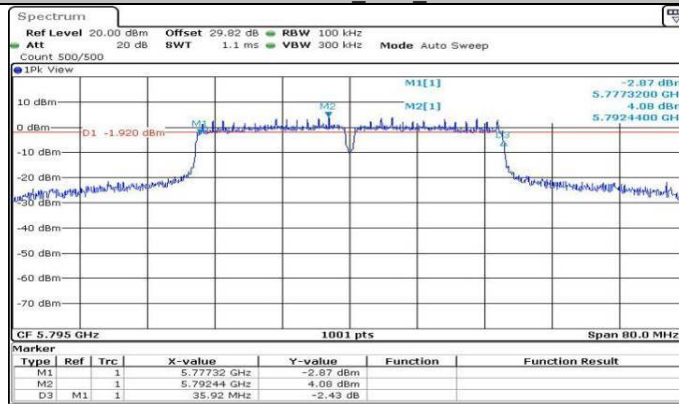


Date: 3.SEP.2021 10:16:02

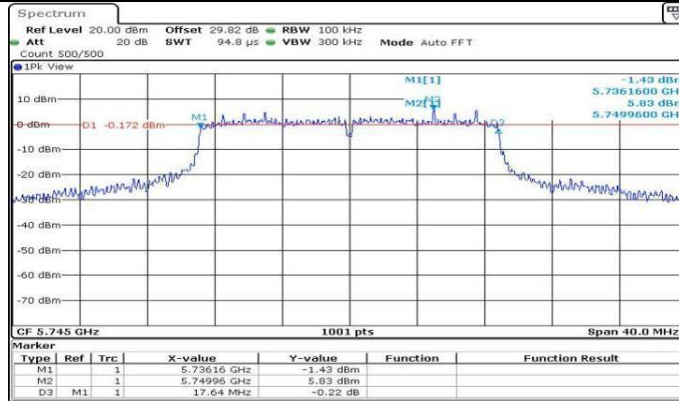
11N40MIMO Ant1 5755



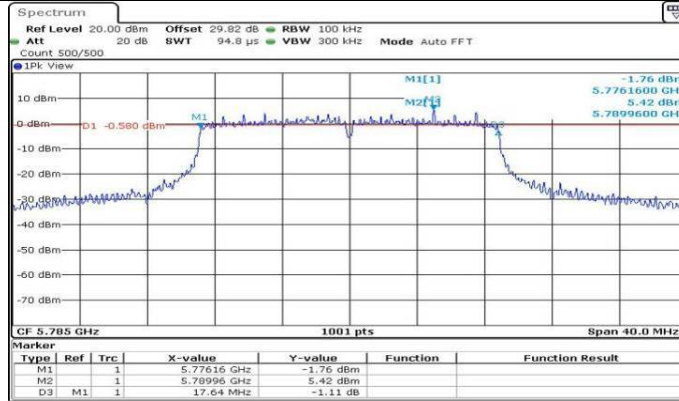
11N40MIMO Ant1 5795



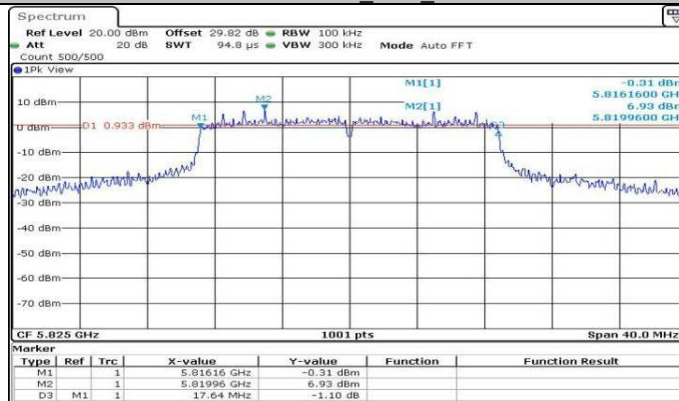
11AC20MIMO Ant1 5745



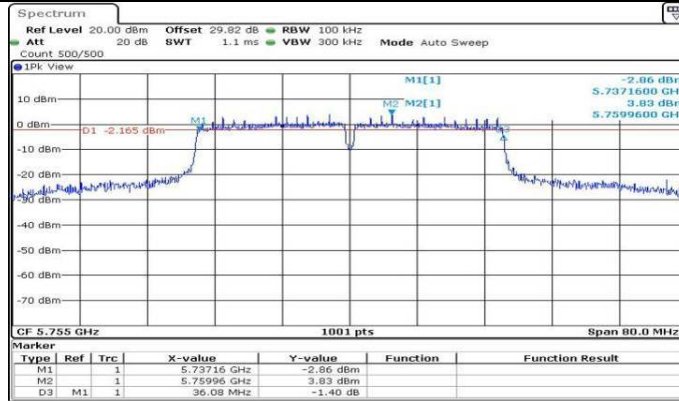
11AC20MIMO Ant1 5785



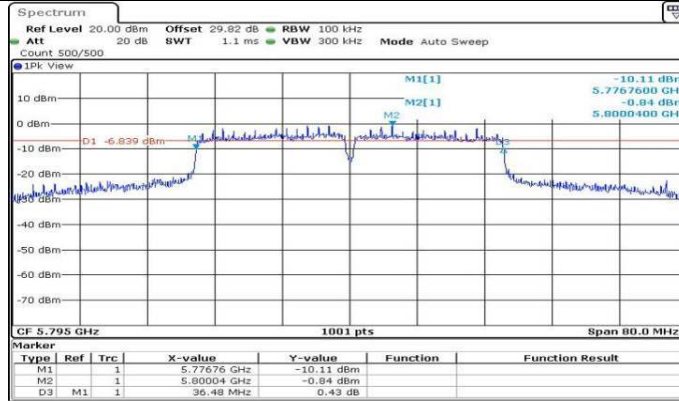
11AC20MIMO Ant1 5825



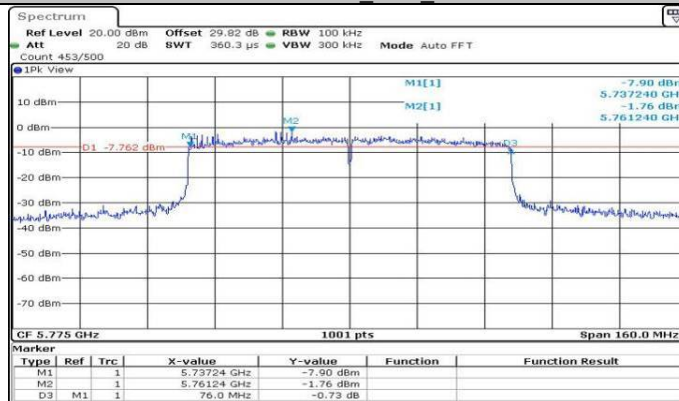
11AC40MIMO Ant1 5755



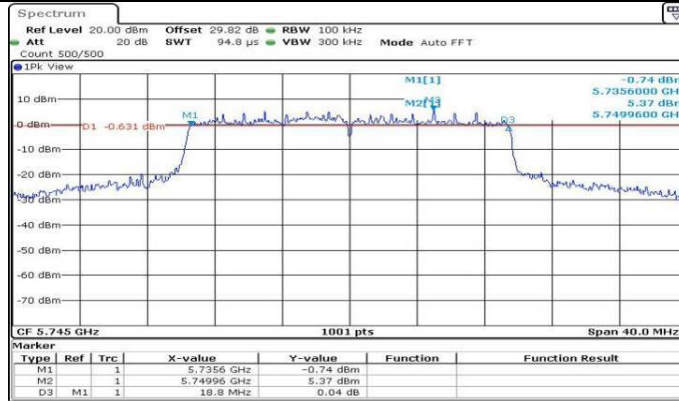
11AC40MIMO Ant1 5795



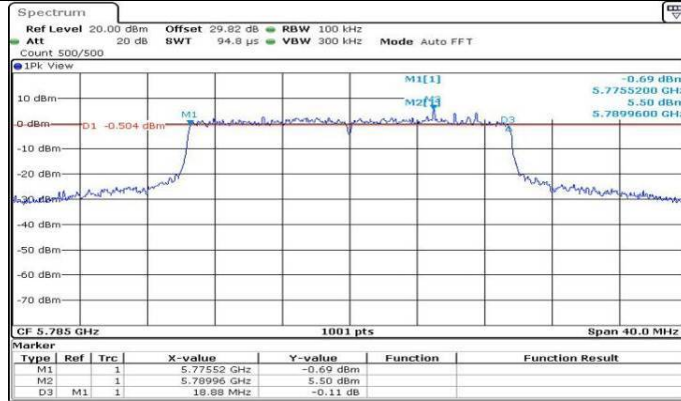
11AC80MIMO Ant1 5775



11AX20MIMO Ant1 5745

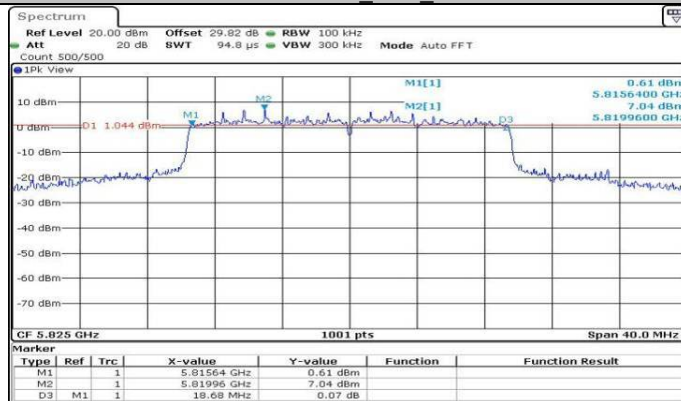


11AX20MIMO Ant1 5785



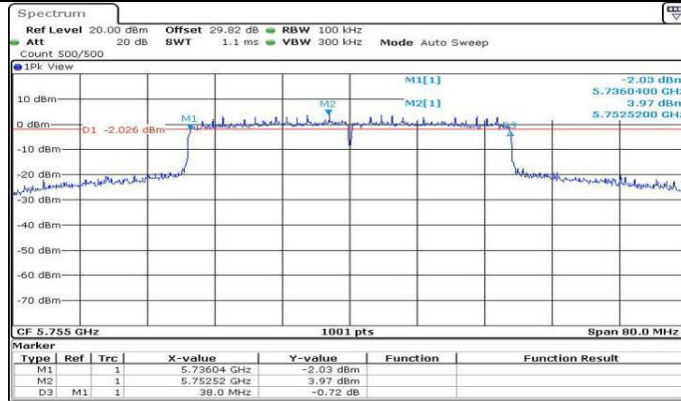
Date: 3.SEP.2021 11:55:01

11AX20MIMO Ant1 5825



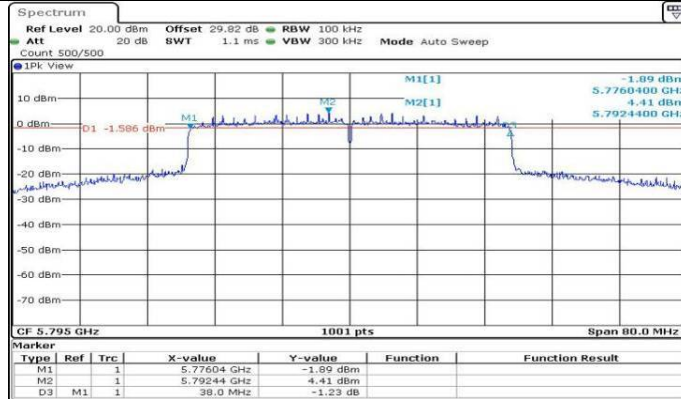
Date: 3.SEP.2021 12:34:31

11AX40MIMO Ant1 5755

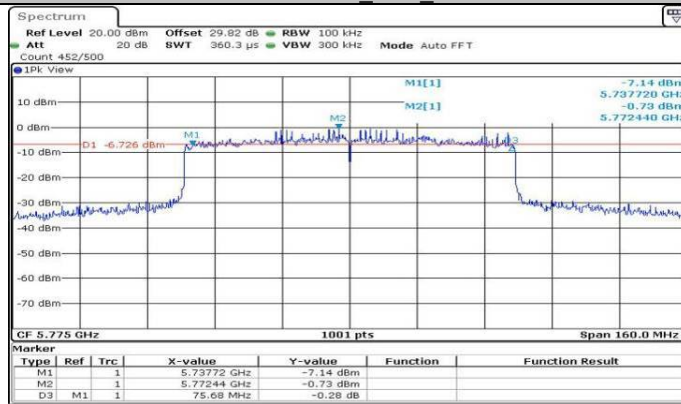


Date: 3.SEP.2021 12:46:06

11AX40MIMO Ant1_5795



11AX80MIMO Ant1_5775



Appendix B: Maximum conducted output power Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A-CDD	Ant1	5180	15.25	≤30.0	PASS
	Ant2	5180	15.66	≤30.0	PASS
	Ant3	5180	14.65	≤30.0	PASS
	Ant4	5180	15.86	≤30.0	PASS
	total	5180	21.4	≤30.0	PASS
	Ant1	5200	14.26	≤30.0	PASS
	Ant2	5200	15.20	≤30.0	PASS
	Ant3	5200	14.00	≤30.0	PASS
	Ant4	5200	14.53	≤30.0	PASS
	total	5200	20.5	≤30.0	PASS
	Ant1	5240	13.05	≤30.0	PASS
	Ant2	5240	14.17	≤30.0	PASS
	Ant3	5240	13.37	≤30.0	PASS
	Ant4	5240	13.70	≤30.0	PASS
	total	5240	19.6	≤30.0	PASS
	Ant1	5260	7.26	≤23.95	PASS
	Ant2	5260	9.28	≤23.95	PASS
	Ant3	5260	7.28	≤23.95	PASS
	Ant4	5260	7.62	≤23.95	PASS
	total	5260	14.0	≤23.95	PASS
	Ant1	5280	7.33	≤24.0	PASS
	Ant2	5280	9.55	≤24.0	PASS
	Ant3	5280	7.53	≤24.0	PASS
	Ant4	5280	7.86	≤24.0	PASS
	total	5280	14.2	≤24.0	PASS
	Ant1	5320	8.71	≤23.88	PASS
	Ant2	5320	10.45	≤23.88	PASS
	Ant3	5320	8.50	≤23.88	PASS
	Ant4	5320	9.04	≤23.88	PASS
	total	5320	15.3	≤23.88	PASS
	Ant1	5500	8.08	≤23.92	PASS
	Ant2	5500	10.82	≤23.92	PASS
	Ant3	5500	8.13	≤23.92	PASS
	Ant4	5500	10.89	≤23.92	PASS
	total	5500	15.7	≤23.92	PASS
	Ant1	5580	8.02	≤23.95	PASS
	Ant2	5580	8.97	≤23.95	PASS
	Ant3	5580	7.54	≤23.95	PASS
	Ant4	5580	9.36	≤23.95	PASS
	total	5580	14.6	≤23.95	PASS
	Ant1	5700	7.77	≤23.98	PASS
	Ant2	5700	9.47	≤23.98	PASS
Ant3	5700	7.84	≤23.98	PASS	
Ant4	5700	6.99	≤23.98	PASS	
total	5700	14.1	≤23.98	PASS	
Ant1	5720 UNII-2C	10.28	≤23.90	PASS	
Ant2	5720 UNII-2C	11.28	≤23.90	PASS	
Ant3	5720 UNII-2C	9.50	≤23.90	PASS	
Ant4	5720 UNII-2C	9.88	≤23.90	PASS	
total	5720 UNII-2C	16.3	≤23.90	PASS	
Ant1	5745	18.32	≤30.0	PASS	
Ant2	5745	18.67	≤30.0	PASS	
Ant3	5745	18.69	≤30.0	PASS	
Ant4	5745	19.49	≤30.0	PASS	
total	5745	24.8	≤30.0	PASS	

	Ant1	5785	17.85	≤30.0	PASS
	Ant2	5785	16.94	≤30.0	PASS
	Ant3	5785	17.57	≤30.0	PASS
	Ant4	5785	18.34	≤30.0	PASS
	total	5785	23.7	≤30.0	PASS
	Ant1	5825	18.83	≤30.0	PASS
	Ant2	5825	18.70	≤30.0	PASS
	Ant3	5825	18.54	≤30.0	PASS
	Ant4	5825	19.10	≤30.0	PASS
	total	5825	24.8	≤30.0	PASS
11N20MIMO	Ant1	5180	13.55	≤25.5	PASS
	Ant2	5180	15.29	≤25.5	PASS
	Ant3	5180	12.88	≤25.5	PASS
	Ant4	5180	13.92	≤25.5	PASS
	total	5180	20.0	≤25.5	PASS
	Ant1	5200	13.45	≤25.5	PASS
	Ant2	5200	14.67	≤25.5	PASS
	Ant3	5200	13.16	≤25.5	PASS
	Ant4	5200	13.64	≤25.5	PASS
	total	5200	19.8	≤25.5	PASS
	Ant1	5240	12.78	≤25.5	PASS
	Ant2	5240	14.36	≤25.5	PASS
	Ant3	5240	12.86	≤25.5	PASS
	Ant4	5240	13.61	≤25.5	PASS
	total	5240	19.5	≤25.5	PASS
	Ant1	5260	8.01	≤19.5	PASS
	Ant2	5260	9.07	≤19.5	PASS
	Ant3	5260	8.29	≤19.5	PASS
	Ant4	5260	8.44	≤19.5	PASS
	total	5260	14.5	≤19.5	PASS
	Ant1	5280	8.22	≤19.5	PASS
	Ant2	5280	10.39	≤19.5	PASS
	Ant3	5280	8.15	≤19.5	PASS
	Ant4	5280	8.97	≤19.5	PASS
	total	5280	15.1	≤19.5	PASS
	Ant1	5320	9.64	≤19.5	PASS
	Ant2	5320	9.35	≤19.5	PASS
	Ant3	5320	9.50	≤19.5	PASS
	Ant4	5320	10.05	≤19.5	PASS
	total	5320	15.7	≤19.5	PASS
	Ant1	5500	8.27	≤19.5	PASS
	Ant2	5500	9.25	≤19.5	PASS
	Ant3	5500	8.88	≤19.5	PASS
	Ant4	5500	8.88	≤19.5	PASS
	total	5500	14.9	≤19.5	PASS
	Ant1	5580	8.07	≤19.5	PASS
	Ant2	5580	9.91	≤19.5	PASS
	Ant3	5580	7.55	≤19.5	PASS
	Ant4	5580	9.38	≤19.5	PASS
	total	5580	14.9	≤19.5	PASS
Ant1	5700	8.01	≤19.5	PASS	
Ant2	5700	9.46	≤19.5	PASS	
Ant3	5700	7.92	≤19.5	PASS	
Ant4	5700	8.10	≤19.5	PASS	
total	5700	14.4	≤19.5	PASS	
Ant1	5720 UNII-2C	9.05	≤19.5	PASS	
Ant2	5720 UNII-2C	9.74	≤19.5	PASS	
Ant3	5720 UNII-2C	7.64	≤19.5	PASS	
Ant4	5720 UNII-2C	7.53	≤19.5	PASS	
total	5720 UNII-2C	14.6	≤19.5	PASS	
Ant1	5745	18.39	≤25.5	PASS	

	Ant2	5745	18.68	≤25.5	PASS	
	Ant3	5745	18.58	≤25.5	PASS	
	Ant4	5745	19.41	≤25.5	PASS	
	total	5745	24.8	≤25.5	PASS	
	Ant1	5785	15.99	≤25.5	PASS	
	Ant2	5785	16.44	≤25.5	PASS	
	Ant3	5785	17.26	≤25.5	PASS	
	Ant4	5785	17.12	≤25.5	PASS	
	total	5785	22.8	≤25.5	PASS	
	Ant1	5825	18.83	≤25.5	PASS	
	Ant2	5825	19.22	≤25.5	PASS	
	Ant3	5825	18.37	≤25.5	PASS	
	Ant4	5825	19.17	≤25.5	PASS	
	total	5825	24.9	≤25.5	PASS	
11N40MIMO	Ant1	5190	14.51	≤25.5	PASS	
	Ant2	5190	15.82	≤25.5	PASS	
	Ant3	5190	13.94	≤25.5	PASS	
	Ant4	5190	14.91	≤25.5	PASS	
	total	5190	20.9	≤25.5	PASS	
	Ant1	5230	13.46	≤25.5	PASS	
	Ant2	5230	15.13	≤25.5	PASS	
	Ant3	5230	13.66	≤25.5	PASS	
	Ant4	5230	14.04	≤25.5	PASS	
	total	5230	20.1	≤25.5	PASS	
	Ant1	5270	8.56	≤19.5	PASS	
	Ant2	5270	9.94	≤19.5	PASS	
	Ant3	5270	8.10	≤19.5	PASS	
	Ant4	5270	8.08	≤19.5	PASS	
	total	5270	14.8	≤19.5	PASS	
	Ant1	5310	8.81	≤19.5	PASS	
	Ant2	5310	9.62	≤19.5	PASS	
	Ant3	5310	8.59	≤19.5	PASS	
	Ant4	5310	9.21	≤19.5	PASS	
	total	5310	15.1	≤19.5	PASS	
	Ant1	5510	8.24	≤19.5	PASS	
	Ant2	5510	9.42	≤19.5	PASS	
	Ant3	5510	8.38	≤19.5	PASS	
	Ant4	5510	9.12	≤19.5	PASS	
	total	5510	14.8	≤19.5	PASS	
	Ant1	5550	8.23	≤19.5	PASS	
	Ant2	5550	10.63	≤19.5	PASS	
	Ant3	5550	8.44	≤19.5	PASS	
	Ant4	5550	8.02	≤19.5	PASS	
	total	5550	15.0	≤19.5	PASS	
	Ant1	5670	7.98	≤19.5	PASS	
	Ant2	5670	9.97	≤19.5	PASS	
	Ant3	5670	7.81	≤19.5	PASS	
	Ant4	5670	8.09	≤19.5	PASS	
	total	5670	14.6	≤19.5	PASS	
	Ant1	5710 UNII-2C		11.48	≤19.5	PASS
	Ant2	5710 UNII-2C		9.84	≤19.5	PASS
	Ant3	5710 UNII-2C		10.37	≤19.5	PASS
	Ant4	5710 UNII-2C		10.65	≤19.5	PASS
	total	5710 UNII-2C		16.6	≤19.5	PASS
	Ant1	5755		18.57	≤25.5	PASS
	Ant2	5755		19.45	≤25.5	PASS
Ant3	5755		19.59	≤25.5	PASS	
Ant4	5755		19.88	≤25.5	PASS	
total	5755		25.4	≤25.5	PASS	
Ant1	5795		18.79	≤25.5	PASS	
Ant2	5795		18.48	≤25.5	PASS	

	Ant3	5795	18.64	≤25.5	PASS
	Ant4	5795	19.26	≤25.5	PASS
	total	5795	24.8	≤25.5	PASS
11AC20MIMO	Ant1	5180	15.33	≤25.5	PASS
	Ant2	5180	15.31	≤25.5	PASS
	Ant3	5180	14.55	≤25.5	PASS
	Ant4	5180	13.84	≤25.5	PASS
	total	5180	20.8	≤25.5	PASS
	Ant1	5200	14.35	≤25.5	PASS
	Ant2	5200	15.90	≤25.5	PASS
	Ant3	5200	13.50	≤25.5	PASS
	Ant4	5200	14.62	≤25.5	PASS
	total	5200	20.7	≤25.5	PASS
	Ant1	5240	13.16	≤25.5	PASS
	Ant2	5240	13.78	≤25.5	PASS
	Ant3	5240	13.22	≤25.5	PASS
	Ant4	5240	13.82	≤25.5	PASS
	total	5240	19.5	≤25.5	PASS
	Ant1	5260	7.95	≤19.5	PASS
	Ant2	5260	9.35	≤19.5	PASS
	Ant3	5260	7.24	≤19.5	PASS
	Ant4	5260	8.16	≤19.5	PASS
	total	5260	14.3	≤19.5	PASS
	Ant1	5280	7.79	≤19.5	PASS
	Ant2	5280	9.84	≤19.5	PASS
	Ant3	5280	7.66	≤19.5	PASS
	Ant4	5280	8.11	≤19.5	PASS
	total	5280	14.5	≤19.5	PASS
	Ant1	5320	8.62	≤19.5	PASS
	Ant2	5320	10.72	≤19.5	PASS
	Ant3	5320	8.66	≤19.5	PASS
	Ant4	5320	8.99	≤19.5	PASS
	total	5320	15.4	≤19.5	PASS
	Ant1	5500	7.92	≤19.5	PASS
	Ant2	5500	9.19	≤19.5	PASS
	Ant3	5500	8.09	≤19.5	PASS
	Ant4	5500	8.77	≤19.5	PASS
	total	5500	14.5	≤19.5	PASS
	Ant1	5580	8.64	≤19.5	PASS
	Ant2	5580	10.19	≤19.5	PASS
	Ant3	5580	8.62	≤19.5	PASS
	Ant4	5580	8.45	≤19.5	PASS
	total	5580	15.1	≤19.5	PASS
	Ant1	5700	7.83	≤19.5	PASS
	Ant2	5700	9.45	≤19.5	PASS
Ant3	5700	8.13	≤19.5	PASS	
Ant4	5700	8.82	≤19.5	PASS	
total	5700	14.6	≤19.5	PASS	
Ant1	5720 UNII-2C	9.45	≤19.5	PASS	
Ant2	5720 UNII-2C	9.84	≤19.5	PASS	
Ant3	5720 UNII-2C	7.53	≤19.5	PASS	
Ant4	5720 UNII-2C	7.28	≤19.5	PASS	
total	5720 UNII-2C	14.7	≤19.5	PASS	
Ant1	5745	16.98	≤25.5	PASS	
Ant2	5745	18.70	≤25.5	PASS	
Ant3	5745	18.68	≤25.5	PASS	
Ant4	5745	18.75	≤25.5	PASS	
total	5745	24.4	≤25.5	PASS	
Ant1	5785	16.50	≤25.5	PASS	
Ant2	5785	16.89	≤25.5	PASS	
Ant3	5785	17.24	≤25.5	PASS	

	Ant4	5785	16.76	≤25.5	PASS
	total	5785	22.9	≤25.5	PASS
	Ant1	5825	17.48	≤25.5	PASS
	Ant2	5825	18.76	≤25.5	PASS
	Ant3	5825	17.87	≤25.5	PASS
	Ant4	5825	18.92	≤25.5	PASS
	total	5825	24.3	≤25.5	PASS
11AC40MIMO	Ant1	5190	13.86	≤25.5	PASS
	Ant2	5190	14.15	≤25.5	PASS
	Ant3	5190	13.91	≤25.5	PASS
	Ant4	5190	14.90	≤25.5	PASS
	total	5190	20.2	≤25.5	PASS
	Ant1	5230	13.49	≤25.5	PASS
	Ant2	5230	14.56	≤25.5	PASS
	Ant3	5230	13.62	≤25.5	PASS
	Ant4	5230	13.94	≤25.5	PASS
	total	5230	19.9	≤25.5	PASS
	Ant1	5270	7.63	≤19.5	PASS
	Ant2	5270	9.92	≤19.5	PASS
	Ant3	5270	8.00	≤19.5	PASS
	Ant4	5270	8.05	≤19.5	PASS
	total	5270	14.5	≤19.5	PASS
	Ant1	5310	8.91	≤19.5	PASS
	Ant2	5310	8.48	≤19.5	PASS
	Ant3	5310	8.49	≤19.5	PASS
	Ant4	5310	9.40	≤19.5	PASS
	total	5310	14.9	≤19.5	PASS
	Ant1	5510	8.23	≤19.5	PASS
	Ant2	5510	9.34	≤19.5	PASS
	Ant3	5510	8.32	≤19.5	PASS
	Ant4	5510	9.02	≤19.5	PASS
	total	5510	14.8	≤19.5	PASS
	Ant1	5550	9.22	≤19.5	PASS
	Ant2	5550	10.60	≤19.5	PASS
	Ant3	5550	9.14	≤19.5	PASS
	Ant4	5550	10.19	≤19.5	PASS
	total	5550	15.9	≤19.5	PASS
	Ant1	5670	8.96	≤19.5	PASS
	Ant2	5670	8.08	≤19.5	PASS
	Ant3	5670	7.80	≤19.5	PASS
	Ant4	5670	8.20	≤19.5	PASS
	total	5670	14.3	≤19.5	PASS
	Ant1	5710 UNII-2C	11.48	≤19.5	PASS
	Ant2	5710 UNII-2C	11.99	≤19.5	PASS
	Ant3	5710 UNII-2C	10.36	≤19.5	PASS
	Ant4	5710 UNII-2C	10.67	≤19.5	PASS
	total	5710 UNII-2C	17.2	≤19.5	PASS
Ant1	5755	18.34	≤25.5	PASS	
Ant2	5755	18.05	≤25.5	PASS	
Ant3	5755	18.92	≤25.5	PASS	
Ant4	5755	19.87	≤25.5	PASS	
total	5755	24.9	≤25.5	PASS	
Ant1	5795	18.76	≤25.5	PASS	
Ant2	5795	17.62	≤25.5	PASS	
Ant3	5795	18.25	≤25.5	PASS	
Ant4	5795	19.53	≤25.5	PASS	
total	5795	24.6	≤25.5	PASS	
11AC80MIMO	Ant1	5210	15.23	≤25.5	PASS
	Ant2	5210	15.49	≤25.5	PASS
	Ant3	5210	16.15	≤25.5	PASS
	Ant4	5210	16.36	≤25.5	PASS

	total	5210	21.9	≤25.5	PASS
	Ant1	5290	9.74	≤19.5	PASS
	Ant2	5290	10.22	≤19.5	PASS
	Ant3	5290	8.13	≤19.5	PASS
	Ant4	5290	8.13	≤19.5	PASS
	total	5290	15.2	≤19.5	PASS
	Ant1	5530	8.85	≤19.5	PASS
	Ant2	5530	10.73	≤19.5	PASS
	Ant3	5530	8.40	≤19.5	PASS
	Ant4	5530	10.19	≤19.5	PASS
	total	5530	15.7	≤19.5	PASS
	Ant1	5610	8.24	≤19.5	PASS
	Ant2	5610	8.02	≤19.5	PASS
	Ant3	5610	7.93	≤19.5	PASS
	Ant4	5610	9.24	≤19.5	PASS
	total	5610	14.4	≤19.5	PASS
	Ant1	5690 UNII-2C	11.83	≤25.5	PASS
	Ant2	5690 UNII-2C	11.80	≤25.5	PASS
	Ant3	5690 UNII-2C	11.09	≤25.5	PASS
	Ant4	5690 UNII-2C	10.99	≤25.5	PASS
	total	5690 UNII-2C	17.5	≤25.5	PASS
	Ant1	5775	16.07	≤25.5	PASS
	Ant2	5775	16.81	≤25.5	PASS
	Ant3	5775	16.90	≤25.5	PASS
	Ant4	5775	16.48	≤25.5	PASS
	total	5775	22.6	≤25.5	PASS
11AX20MIMO	Ant1	5180	7.58	≤25.5	PASS
	Ant2	5180	7.93	≤25.5	PASS
	Ant3	5180	7.76	≤25.5	PASS
	Ant4	5180	8.66	≤25.5	PASS
	total	5180	14.0	≤25.5	PASS
	Ant1	5200	7.26	≤25.5	PASS
	Ant2	5200	8.39	≤25.5	PASS
	Ant3	5200	7.92	≤25.5	PASS
	Ant4	5200	8.27	≤25.5	PASS
	total	5200	14.0	≤25.5	PASS
	Ant1	5240	8.87	≤25.5	PASS
	Ant2	5240	9.17	≤25.5	PASS
	Ant3	5240	8.16	≤25.5	PASS
	Ant4	5240	8.03	≤25.5	PASS
	total	5240	14.6	≤25.5	PASS
	Ant1	5260	7.23	≤19.5	PASS
	Ant2	5260	9.60	≤19.5	PASS
	Ant3	5260	7.77	≤19.5	PASS
	Ant4	5260	8.01	≤19.5	PASS
	total	5260	14.3	≤19.5	PASS
	Ant1	5280	7.40	≤19.5	PASS
	Ant2	5280	9.90	≤19.5	PASS
	Ant3	5280	8.05	≤19.5	PASS
	Ant4	5280	8.07	≤19.5	PASS
	total	5280	14.5	≤19.5	PASS
	Ant1	5320	9.12	≤19.5	PASS
	Ant2	5320	10.68	≤19.5	PASS
	Ant3	5320	8.76	≤19.5	PASS
	Ant4	5320	9.28	≤19.5	PASS
	total	5320	15.5	≤19.5	PASS
	Ant1	5500	8.61	≤19.5	PASS
	Ant2	5500	9.36	≤19.5	PASS
	Ant3	5500	8.41	≤19.5	PASS
	Ant4	5500	9.80	≤19.5	PASS
	total	5500	15.1	≤19.5	PASS

	Ant1	5580	8.47	≤19.5	PASS
	Ant2	5580	9.50	≤19.5	PASS
	Ant3	5580	7.78	≤19.5	PASS
	Ant4	5580	9.82	≤19.5	PASS
	total	5580	15.0	≤19.5	PASS
	Ant1	5700	8.13	≤19.5	PASS
	Ant2	5700	9.83	≤19.5	PASS
	Ant3	5700	8.35	≤19.5	PASS
	Ant4	5700	8.12	≤19.5	PASS
	total	5700	14.7	≤19.5	PASS
	Ant1	5720 UNII-2C	7.99	≤19.5	PASS
	Ant2	5720 UNII-2C	9.48	≤19.5	PASS
	Ant3	5720 UNII-2C	7.25	≤19.5	PASS
	Ant4	5720 UNII-2C	7.53	≤19.5	PASS
	total	5720 UNII-2C	14.2	≤19.5	PASS
	Ant1	5745	18.69	≤25.5	PASS
	Ant2	5745	19.02	≤25.5	PASS
	Ant3	5745	18.60	≤25.5	PASS
	Ant4	5745	19.36	≤25.5	PASS
	total	5745	24.9	≤25.5	PASS
	Ant1	5785	16.67	≤25.5	PASS
	Ant2	5785	16.92	≤25.5	PASS
	Ant3	5785	17.49	≤25.5	PASS
	Ant4	5785	17.01	≤25.5	PASS
	total	5785	23.1	≤25.5	PASS
	Ant1	5825	18.32	≤25.5	PASS
	Ant2	5825	19.33	≤25.5	PASS
	Ant3	5825	18.35	≤25.5	PASS
	Ant4	5825	19.55	≤25.5	PASS
	total	5825	24.9	≤25.5	PASS
11AX40MIMO	Ant1	5190	10.21	≤25.5	PASS
	Ant2	5190	10.80	≤25.5	PASS
	Ant3	5190	10.90	≤25.5	PASS
	Ant4	5190	11.39	≤25.5	PASS
	total	5190	16.9	≤25.5	PASS
	Ant1	5230	11.43	≤25.5	PASS
	Ant2	5230	12.32	≤25.5	PASS
	Ant3	5230	12.38	≤25.5	PASS
	Ant4	5230	12.31	≤25.5	PASS
	total	5230	18.1	≤25.5	PASS
	Ant1	5270	7.76	≤19.5	PASS
	Ant2	5270	10.17	≤19.5	PASS
	Ant3	5270	7.89	≤19.5	PASS
	Ant4	5270	8.45	≤19.5	PASS
	total	5270	14.7	≤19.5	PASS
	Ant1	5310	8.97	≤19.5	PASS
	Ant2	5310	9.01	≤19.5	PASS
	Ant3	5310	8.77	≤19.5	PASS
	Ant4	5310	9.34	≤19.5	PASS
	total	5310	15.0	≤19.5	PASS
	Ant1	5510	7.53	≤19.5	PASS
	Ant2	5510	5.06	≤19.5	PASS
	Ant3	5510	6.25	≤19.5	PASS
	Ant4	5510	7.38	≤19.5	PASS
	total	5510	12.7	≤19.5	PASS
	Ant1	5550	8.15	≤19.5	PASS
	Ant2	5550	8.86	≤19.5	PASS
	Ant3	5550	8.02	≤19.5	PASS
	Ant4	5550	8.43	≤19.5	PASS
	total	5550	14.4	≤19.5	PASS
	Ant1	5670	8.10	≤19.5	PASS

	Ant2	5670	9.31	≤19.5	PASS
	Ant3	5670	8.14	≤19.5	PASS
	Ant4	5670	8.36	≤19.5	PASS
	total	5670	14.5	≤19.5	PASS
	Ant1	5710 UNII-2C	12.60	≤19.5	PASS
	Ant2	5710 UNII-2C	13.50	≤19.5	PASS
	Ant3	5710 UNII-2C	11.69	≤19.5	PASS
	Ant4	5710 UNII-2C	12.09	≤19.5	PASS
	total	5710 UNII-2C	18.5	≤19.5	PASS
	Ant1	5755	19.65	≤25.5	PASS
	Ant2	5755	19.42	≤25.5	PASS
	Ant3	5755	19.10	≤25.5	PASS
	Ant4	5755	19.03	≤25.5	PASS
	total	5755	25.3	≤25.5	PASS
	Ant1	5795	17.92	≤25.5	PASS
	Ant2	5795	17.75	≤25.5	PASS
	Ant3	5795	18.79	≤25.5	PASS
	Ant4	5795	17.80	≤25.5	PASS
	total	5795	24.1	≤25.5	PASS
	11AX80MIMO	Ant1	5210	13.61	≤25.5
Ant2		5210	13.65	≤25.5	PASS
Ant3		5210	14.62	≤25.5	PASS
Ant4		5210	14.41	≤25.5	PASS
total		5210	20.1	≤25.5	PASS
Ant1		5290	8.29	≤19.5	PASS
Ant2		5290	10.72	≤19.5	PASS
Ant3		5290	8.12	≤19.5	PASS
Ant4		5290	8.34	≤19.5	PASS
total		5290	15.0	≤19.5	PASS
Ant1		5530	9.98	≤19.5	PASS
Ant2		5530	7.44	≤19.5	PASS
Ant3		5530	8.52	≤19.5	PASS
Ant4		5530	9.57	≤19.5	PASS
total		5530	15.0	≤19.5	PASS
Ant1		5610	9.67	≤19.5	PASS
Ant2		5610	9.33	≤19.5	PASS
Ant3		5610	8.71	≤19.5	PASS
Ant4		5610	10.29	≤19.5	PASS
total		5610	15.6	≤19.5	PASS
Ant1		5690 UNII-2C	12.73	≤19.5	PASS
Ant2		5690 UNII-2C	11.92	≤19.5	PASS
Ant3		5690 UNII-2C	11.93	≤19.5	PASS
Ant4		5690 UNII-2C	12.09	≤19.5	PASS
total		5690 UNII-2C	18.2	≤19.5	PASS
Ant1		5775	16.71	≤25.5	PASS
Ant2		5775	17.17	≤25.5	PASS
Ant3		5775	18.07	≤25.5	PASS
Ant4	5775	17.98	≤25.5	PASS	
total	5775	23.5	≤25.5	PASS	

Note: The maximum antenna gain is 4.5dBi. For 802.11a mode, the device employed cyclic delay diversity (CDD).

According to KDB 662911 D01 v02r01, for power measurement on IEEE 802.11 devices:

Array Gain =0 dB (i.e., no array gain) for $N_{ant} \leq 4$; So Directional gain = $G_{ANT} + \text{Array Gain} = 4.5\text{dBi} < 6\text{dBi}$

For 802.11n/ac/ax mode, the device support beam-forming function. Beam-forming gain is 0dBi.

The directional gain = $G_{ANT} + 10\lg 4 + 0\text{dBi} = 10.5\text{dBi} > 6\text{dBi}$; So the limit should be reduce $(10.5-6)\text{dB} = 4.5\text{dB}$

The EUT is an indoor access point.

**Appendix C: Maximum power spectral density
Test Result**

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant1	5180	5.5	≤12.5	PASS
	Ant2	5180	5.98	≤12.5	PASS
	Ant3	5180	4.65	≤12.5	PASS
	Ant4	5180	5.03	≤12.5	PASS
	total	5180	11.34	≤12.5	PASS
	Ant1	5200	4.05	≤12.5	PASS
	Ant2	5200	4.81	≤12.5	PASS
	Ant3	5200	4.62	≤12.5	PASS
	Ant4	5200	4.35	≤12.5	PASS
	total	5200	10.49	≤12.5	PASS
	Ant1	5240	4.19	≤12.5	PASS
	Ant2	5240	4.1	≤12.5	PASS
	Ant3	5240	3.94	≤12.5	PASS
	Ant4	5240	4.33	≤12.5	PASS
	total	5240	10.17	≤12.5	PASS
	Ant1	5260	-1.37	≤6.5	PASS
	Ant2	5260	1.99	≤6.5	PASS
	Ant3	5260	-0.3	≤6.5	PASS
	Ant4	5260	-1.84	≤6.5	PASS
	total	5260	5.91	≤6.5	PASS
	Ant1	5280	-1.28	≤6.5	PASS
	Ant2	5280	-1.06	≤6.5	PASS
	Ant3	5280	-1.18	≤6.5	PASS
	Ant4	5280	-1.82	≤6.5	PASS
	total	5280	4.69	≤6.5	PASS
	Ant1	5320	0.15	≤6.5	PASS
	Ant2	5320	0.14	≤6.5	PASS
	Ant3	5320	-0.27	≤6.5	PASS
	Ant4	5320	-0.26	≤6.5	PASS
	total	5320	5.97	≤6.5	PASS
	Ant1	5500	0.87	≤6.5	PASS
	Ant2	5500	1.35	≤6.5	PASS
	Ant3	5500	-0.45	≤6.5	PASS
	Ant4	5500	-1.24	≤6.5	PASS
	total	5500	6.27	≤6.5	PASS
	Ant1	5580	-0.28	≤6.5	PASS
	Ant2	5580	-0.04	≤6.5	PASS
	Ant3	5580	-1.54	≤6.5	PASS
	Ant4	5580	-1.06	≤6.5	PASS
	total	5580	5.33	≤6.5	PASS
	Ant1	5700	-1.39	≤6.5	PASS
	Ant2	5700	1.24	≤6.5	PASS
Ant3	5700	-0.07	≤6.5	PASS	
Ant4	5700	-1.9	≤6.5	PASS	
total	5700	5.67	≤6.5	PASS	
Ant1	5720 UNII-2C	1.84	≤6.5	PASS	
Ant2	5720 UNII-2C	1.48	≤6.5	PASS	
Ant3	5720 UNII-2C	-0.92	≤6.5	PASS	
Ant4	5720 UNII-2C	-1.69	≤6.5	PASS	
total	5720 UNII-2C	6.45	≤6.5	PASS	
Ant1	5745	10.67	≤25.5	PASS	
Ant2	5745	11.69	≤25.5	PASS	
Ant3	5745	10.45	≤25.5	PASS	
Ant4	5745	10.99	≤25.5	PASS	
total	5745	17.00	≤25.5	PASS	

	Ant1	5785	9.69	≤25.5	PASS
	Ant2	5785	10.67	≤25.5	PASS
	Ant3	5785	9.88	≤25.5	PASS
	Ant4	5785	9.75	≤25.5	PASS
	total	5785	16.04	≤25.5	PASS
	Ant1	5825	10.55	≤25.5	PASS
	Ant2	5825	10.96	≤25.5	PASS
	Ant3	5825	11.12	≤25.5	PASS
	Ant4	5825	10.18	≤25.5	PASS
	total	5825	16.74	≤25.5	PASS
11N20MIMO	Ant1	5180	5.27	≤12.5	PASS
	Ant2	5180	3.6	≤12.5	PASS
	Ant3	5180	3.47	≤12.5	PASS
	Ant4	5180	4.47	≤12.5	PASS
	total	5180	10.29	≤12.5	PASS
	Ant1	5200	4.64	≤12.5	PASS
	Ant2	5200	4.54	≤12.5	PASS
	Ant3	5200	4.42	≤12.5	PASS
	Ant4	5200	5.19	≤12.5	PASS
	total	5200	10.73	≤12.5	PASS
	Ant1	5240	3.9	≤12.5	PASS
	Ant2	5240	4.66	≤12.5	PASS
	Ant3	5240	4.32	≤12.5	PASS
	Ant4	5240	4.43	≤12.5	PASS
	total	5240	10.36	≤12.5	PASS
	Ant1	5260	1.93	≤6.5	PASS
	Ant2	5260	1.83	≤6.5	PASS
	Ant3	5260	-2.17	≤6.5	PASS
	Ant4	5260	-2.07	≤6.5	PASS
	total	5260	6.35	≤6.5	PASS
	Ant1	5280	-0.21	≤6.5	PASS
	Ant2	5280	0.43	≤6.5	PASS
	Ant3	5280	-1.56	≤6.5	PASS
	Ant4	5280	-1.78	≤6.5	PASS
	total	5280	5.34	≤6.5	PASS
	Ant1	5320	-1.29	≤6.5	PASS
	Ant2	5320	1.77	≤6.5	PASS
	Ant3	5320	-1.27	≤6.5	PASS
	Ant4	5320	-2.93	≤6.5	PASS
	total	5320	5.44	≤6.5	PASS
	Ant1	5500	1.1	≤6.5	PASS
	Ant2	5500	1.24	≤6.5	PASS
	Ant3	5500	-0.51	≤6.5	PASS
	Ant4	5500	-0.38	≤6.5	PASS
	total	5500	6.46	≤6.5	PASS
	Ant1	5580	0.52	≤6.5	PASS
	Ant2	5580	0.31	≤6.5	PASS
	Ant3	5580	-0.94	≤6.5	PASS
	Ant4	5580	-1.74	≤6.5	PASS
	total	5580	5.65	≤6.5	PASS
Ant1	5700	-0.76	≤6.5	PASS	
Ant2	5700	0.9	≤6.5	PASS	
Ant3	5700	-0.84	≤6.5	PASS	
Ant4	5700	-1.06	≤6.5	PASS	
total	5700	5.66	≤6.5	PASS	
Ant1	5720 UNII-2C	-0.82	≤6.5	PASS	
Ant2	5720 UNII-2C	-1.05	≤6.5	PASS	
Ant3	5720 UNII-2C	-2.34	≤6.5	PASS	
Ant4	5720 UNII-2C	-2.67	≤6.5	PASS	
total	5720 UNII-2C	4.38	≤6.5	PASS	
Ant1	5745	10.03	≤25.5	PASS	

	Ant2	5745	12.15	≤25.5	PASS
	Ant3	5745	10.34	≤25.5	PASS
	Ant4	5745	10.55	≤25.5	PASS
	total	5745	16.87	≤25.5	PASS
	Ant1	5785	9.93	≤25.5	PASS
	Ant2	5785	10.49	≤25.5	PASS
	Ant3	5785	9.56	≤25.5	PASS
	Ant4	5785	10.25	≤25.5	PASS
	total	5785	16.09	≤25.5	PASS
	Ant1	5825	11.44	≤25.5	PASS
	Ant2	5825	12.49	≤25.5	PASS
	Ant3	5825	10.29	≤25.5	PASS
	Ant4	5825	10.29	≤25.5	PASS
	total	5825	17.25	≤25.5	PASS
11N40MIMO	Ant1	5190	5.19	≤12.5	PASS
	Ant2	5190	5.27	≤12.5	PASS
	Ant3	5190	4.33	≤12.5	PASS
	Ant4	5190	4.86	≤12.5	PASS
	total	5190	10.95	≤12.5	PASS
	Ant1	5230	3.98	≤12.5	PASS
	Ant2	5230	3.84	≤12.5	PASS
	Ant3	5230	5.11	≤12.5	PASS
	Ant4	5230	4.51	≤12.5	PASS
	total	5230	10.41	≤12.5	PASS
	Ant1	5270	-0.51	≤6.5	PASS
	Ant2	5270	0.3	≤6.5	PASS
	Ant3	5270	-1.25	≤6.5	PASS
	Ant4	5270	-1.36	≤6.5	PASS
	total	5270	5.37	≤6.5	PASS
	Ant1	5310	-0.9	≤6.5	PASS
	Ant2	5310	-0.17	≤6.5	PASS
	Ant3	5310	-0.74	≤6.5	PASS
	Ant4	5310	-2.11	≤6.5	PASS
	total	5310	5.10	≤6.5	PASS
	Ant1	5510	0.85	≤6.5	PASS
	Ant2	5510	0.67	≤6.5	PASS
	Ant3	5510	-1.6	≤6.5	PASS
	Ant4	5510	-1.38	≤6.5	PASS
	total	5510	5.80	≤6.5	PASS
	Ant1	5550	-0.31	≤6.5	PASS
	Ant2	5550	1.34	≤6.5	PASS
	Ant3	5550	-2.03	≤6.5	PASS
	Ant4	5550	0.44	≤6.5	PASS
	total	5550	6.05	≤6.5	PASS
	Ant1	5670	-0.66	≤6.5	PASS
	Ant2	5670	1.92	≤6.5	PASS
	Ant3	5670	-1.8	≤6.5	PASS
	Ant4	5670	-0.14	≤6.5	PASS
	total	5670	6.07	≤6.5	PASS
	Ant1	5710 UNII-2C	-1.72	≤6.5	PASS
	Ant2	5710 UNII-2C	1.2	≤6.5	PASS
	Ant3	5710 UNII-2C	-1.65	≤6.5	PASS
	Ant4	5710 UNII-2C	-1.16	≤6.5	PASS
	total	5710 UNII-2C	5.37	≤6.5	PASS
	Ant1	5755	8.33	≤25.5	PASS
	Ant2	5755	8.77	≤25.5	PASS
Ant3	5755	7.83	≤25.5	PASS	
Ant4	5755	7.15	≤25.5	PASS	
total	5755	14.08	≤25.5	PASS	
Ant1	5795	8.21	≤25.5	PASS	
Ant2	5795	8.75	≤25.5	PASS	

	Ant3	5795	7.37	≤25.5	PASS
	Ant4	5795	7.65	≤25.5	PASS
	total	5795	14.05	≤25.5	PASS
11AC20MIMO	Ant1	5180	5.6	≤12.5	PASS
	Ant2	5180	5.05	≤12.5	PASS
	Ant3	5180	4.65	≤12.5	PASS
	Ant4	5180	5.35	≤12.5	PASS
	total	5180	11.20	≤12.5	PASS
	Ant1	5200	4.6	≤12.5	PASS
	Ant2	5200	4.32	≤12.5	PASS
	Ant3	5200	3.82	≤12.5	PASS
	Ant4	5200	4.56	≤12.5	PASS
	total	5200	10.36	≤12.5	PASS
	Ant1	5240	4.48	≤12.5	PASS
	Ant2	5240	4.88	≤12.5	PASS
	Ant3	5240	4.62	≤12.5	PASS
	Ant4	5240	3.7	≤12.5	PASS
	total	5240	10.46	≤12.5	PASS
	Ant1	5260	-1.56	≤6.5	PASS
	Ant2	5260	1.21	≤6.5	PASS
	Ant3	5260	-2.8	≤6.5	PASS
	Ant4	5260	-1.06	≤6.5	PASS
	total	5260	5.22	≤6.5	PASS
	Ant1	5280	-1.3	≤6.5	PASS
	Ant2	5280	1.52	≤6.5	PASS
	Ant3	5280	-0.05	≤6.5	PASS
	Ant4	5280	0.98	≤6.5	PASS
	total	5280	6.44	≤6.5	PASS
	Ant1	5320	-0.78	≤6.5	PASS
	Ant2	5320	2.66	≤6.5	PASS
	Ant3	5320	-0.97	≤6.5	PASS
	Ant4	5320	-0.44	≤6.5	PASS
	total	5320	6.42	≤6.5	PASS
	Ant1	5500	0.61	≤6.5	PASS
	Ant2	5500	1.68	≤6.5	PASS
	Ant3	5500	-0.55	≤6.5	PASS
	Ant4	5500	-0.54	≤6.5	PASS
	total	5500	6.42	≤6.5	PASS
	Ant1	5580	-0.17	≤6.5	PASS
	Ant2	5580	0.33	≤6.5	PASS
	Ant3	5580	-2.84	≤6.5	PASS
	Ant4	5580	-2.36	≤6.5	PASS
	total	5580	4.97	≤6.5	PASS
	Ant1	5700	-0.62	≤6.5	PASS
	Ant2	5700	1.81	≤6.5	PASS
Ant3	5700	0.12	≤6.5	PASS	
Ant4	5700	-1.89	≤6.5	PASS	
total	5700	6.08	≤6.5	PASS	
Ant1	5720 UNII-2C	-0.35	≤6.5	PASS	
Ant2	5720 UNII-2C	0.04	≤6.5	PASS	
Ant3	5720 UNII-2C	-2.06	≤6.5	PASS	
Ant4	5720 UNII-2C	0.01	≤6.5	PASS	
total	5720 UNII-2C	5.51	≤6.5	PASS	
Ant1	5745	10.18	≤25.5	PASS	
Ant2	5745	11.96	≤25.5	PASS	
Ant3	5745	11.05	≤25.5	PASS	
Ant4	5745	10.75	≤25.5	PASS	
total	5745	17.05	≤25.5	PASS	
Ant1	5785	10.05	≤25.5	PASS	
Ant2	5785	10.36	≤25.5	PASS	
Ant3	5785	9.2	≤25.5	PASS	

	Ant4	5785	10.25	≤25.5	PASS
	total	5785	16.01	≤25.5	PASS
	Ant1	5825	11.56	≤25.5	PASS
	Ant2	5825	12.07	≤25.5	PASS
	Ant3	5825	9.91	≤25.5	PASS
	Ant4	5825	11.27	≤25.5	PASS
	total	5825	17.29	≤25.5	PASS
11AC40MIMO	Ant1	5190	5.01	≤12.5	PASS
	Ant2	5190	6.33	≤12.5	PASS
	Ant3	5190	5.05	≤12.5	PASS
	Ant4	5190	4.48	≤12.5	PASS
	total	5190	11.29	≤12.5	PASS
	Ant1	5230	4.74	≤12.5	PASS
	Ant2	5230	5.12	≤12.5	PASS
	Ant3	5230	4.2	≤12.5	PASS
	Ant4	5230	4.05	≤12.5	PASS
	total	5230	10.57	≤12.5	PASS
	Ant1	5270	-1.4	≤6.5	PASS
	Ant2	5270	1.14	≤6.5	PASS
	Ant3	5270	0.65	≤6.5	PASS
	Ant4	5270	-0.33	≤6.5	PASS
	total	5270	6.14	≤6.5	PASS
	Ant1	5310	-0.77	≤6.5	PASS
	Ant2	5310	-1.09	≤6.5	PASS
	Ant3	5310	-0.73	≤6.5	PASS
	Ant4	5310	-2.05	≤6.5	PASS
	total	5310	4.89	≤6.5	PASS
	Ant1	5510	-0.17	≤6.5	PASS
	Ant2	5510	1.66	≤6.5	PASS
	Ant3	5510	0.5	≤6.5	PASS
	Ant4	5510	-1.29	≤6.5	PASS
	total	5510	6.33	≤6.5	PASS
	Ant1	5550	-0.16	≤6.5	PASS
	Ant2	5550	0.53	≤6.5	PASS
	Ant3	5550	-2.23	≤6.5	PASS
	Ant4	5550	-2.34	≤6.5	PASS
	total	5550	5.15	≤6.5	PASS
	Ant1	5670	-0.61	≤6.5	PASS
	Ant2	5670	1.62	≤6.5	PASS
	Ant3	5670	-1.76	≤6.5	PASS
	Ant4	5670	-2.27	≤6.5	PASS
	total	5670	5.54	≤6.5	PASS
	Ant1	5710 UNII-2C	-1.55	≤6.5	PASS
	Ant2	5710 UNII-2C	1.29	≤6.5	PASS
	Ant3	5710 UNII-2C	-0.85	≤6.5	PASS
	Ant4	5710 UNII-2C	-1.88	≤6.5	PASS
	total	5710 UNII-2C	5.46	≤6.5	PASS
	Ant1	5755	7.86	≤25.5	PASS
	Ant2	5755	8.75	≤25.5	PASS
	Ant3	5755	8.26	≤25.5	PASS
	Ant4	5755	8.56	≤25.5	PASS
total	5755	14.39	≤25.5	PASS	
Ant1	5795	8.67	≤25.5	PASS	
Ant2	5795	9.99	≤25.5	PASS	
Ant3	5795	7.02	≤25.5	PASS	
Ant4	5795	7.98	≤25.5	PASS	
total	5795	14.57	≤25.5	PASS	
11AC80MIMO	Ant1	5210	4.94	≤12.5	PASS
	Ant2	5210	4.03	≤12.5	PASS
	Ant3	5210	4.34	≤12.5	PASS
	Ant4	5210	4.87	≤12.5	PASS

	total	5210	10.58	≤12.5	PASS
	Ant1	5290	0.64	≤6.5	PASS
	Ant2	5290	1.46	≤6.5	PASS
	Ant3	5290	0.34	≤6.5	PASS
	Ant4	5290	-1.01	≤6.5	PASS
	total	5290	6.47	≤6.5	PASS
	Ant1	5530	1.31	≤6.5	PASS
	Ant2	5530	-0.65	≤6.5	PASS
	Ant3	5530	-0.93	≤6.5	PASS
	Ant4	5530	-1.31	≤6.5	PASS
	total	5530	5.75	≤6.5	PASS
	Ant1	5610	0.6	≤6.5	PASS
	Ant2	5610	1.37	≤6.5	PASS
	Ant3	5610	-1.1	≤6.5	PASS
	Ant4	5610	-1.14	≤6.5	PASS
	total	5610	6.09	≤6.5	PASS
	Ant1	5690 UNII-2C	-4.77	≤6.5	PASS
	Ant2	5690 UNII-2C	-4.07	≤6.5	PASS
	Ant3	5690 UNII-2C	-5.77	≤6.5	PASS
	Ant4	5690 UNII-2C	-6.12	≤6.5	PASS
	total	5690 UNII-2C	0.91	≤6.5	PASS
	Ant1	5775	3.54	≤25.5	PASS
	Ant2	5775	3.99	≤25.5	PASS
	Ant3	5775	2.59	≤25.5	PASS
	Ant4	5775	3.14	≤25.5	PASS
	total	5775	9.37	≤25.5	PASS
11AX20MIMO	Ant1	5180	5.47	≤12.5	PASS
	Ant2	5180	5.06	≤12.5	PASS
	Ant3	5180	3.35	≤12.5	PASS
	Ant4	5180	4.54	≤12.5	PASS
	total	5180	10.70	≤12.5	PASS
	Ant1	5200	4.66	≤12.5	PASS
	Ant2	5200	3.41	≤12.5	PASS
	Ant3	5200	3.62	≤12.5	PASS
	Ant4	5200	4.11	≤12.5	PASS
	total	5200	10.00	≤12.5	PASS
	Ant1	5240	5.51	≤12.5	PASS
	Ant2	5240	5.43	≤12.5	PASS
	Ant3	5240	4.17	≤12.5	PASS
	Ant4	5240	4.72	≤12.5	PASS
	total	5240	11.01	≤12.5	PASS
	Ant1	5260	-0.4	≤6.5	PASS
	Ant2	5260	0.65	≤6.5	PASS
	Ant3	5260	-1.15	≤6.5	PASS
	Ant4	5260	-1.7	≤6.5	PASS
	total	5260	5.46	≤6.5	PASS
	Ant1	5280	-0.14	≤6.5	PASS
	Ant2	5280	1.57	≤6.5	PASS
	Ant3	5280	0.81	≤6.5	PASS
	Ant4	5280	-1.18	≤6.5	PASS
	total	5280	6.41	≤6.5	PASS
	Ant1	5320	0.34	≤6.5	PASS
	Ant2	5320	0.52	≤6.5	PASS
	Ant3	5320	0.32	≤6.5	PASS
	Ant4	5320	-1.85	≤6.5	PASS
	total	5320	5.95	≤6.5	PASS
	Ant1	5500	0.83	≤6.5	PASS
	Ant2	5500	0.9	≤6.5	PASS
	Ant3	5500	-1.77	≤6.5	PASS
	Ant4	5500	0.22	≤6.5	PASS
	total	5500	6.19	≤6.5	PASS

	Ant1	5580	0.82	≤6.5	PASS
	Ant2	5580	1.04	≤6.5	PASS
	Ant3	5580	-1.26	≤6.5	PASS
	Ant4	5580	0.1	≤6.5	PASS
	total	5580	6.28	≤6.5	PASS
	Ant1	5700	0.46	≤6.5	PASS
	Ant2	5700	0.81	≤6.5	PASS
	Ant3	5700	-0.21	≤6.5	PASS
	Ant4	5700	-1.67	≤6.5	PASS
	total	5700	5.97	≤6.5	PASS
	Ant1	5720 UNII-2C	-1.17	≤6.5	PASS
	Ant2	5720 UNII-2C	2.25	≤6.5	PASS
	Ant3	5720 UNII-2C	-1.66	≤6.5	PASS
	Ant4	5720 UNII-2C	-1.98	≤6.5	PASS
	total	5720 UNII-2C	5.75	≤6.5	PASS
	Ant1	5745	11.87	≤25.5	PASS
	Ant2	5745	11.28	≤25.5	PASS
	Ant3	5745	11.55	≤25.5	PASS
	Ant4	5745	12.93	≤25.5	PASS
	total	5745	17.97	≤25.5	PASS
	Ant1	5785	11.97	≤25.5	PASS
	Ant2	5785	11.21	≤25.5	PASS
	Ant3	5785	10.5	≤25.5	PASS
	Ant4	5785	11.13	≤25.5	PASS
	total	5785	17.26	≤25.5	PASS
	Ant1	5825	13.7	≤25.5	PASS
	Ant2	5825	12.79	≤25.5	PASS
	Ant3	5825	12.09	≤25.5	PASS
	Ant4	5825	12.69	≤25.5	PASS
	total	5825	18.88	≤25.5	PASS
11AX40MIMO	Ant1	5190	4.03	≤12.5	PASS
	Ant2	5190	4.56	≤12.5	PASS
	Ant3	5190	3.51	≤12.5	PASS
	Ant4	5190	3.72	≤12.5	PASS
	total	5190	9.99	≤12.5	PASS
	Ant1	5230	5.15	≤12.5	PASS
	Ant2	5230	6.21	≤12.5	PASS
	Ant3	5230	5.13	≤12.5	PASS
	Ant4	5230	4.99	≤12.5	PASS
	total	5230	11.42	≤12.5	PASS
	Ant1	5270	0.44	≤6.5	PASS
	Ant2	5270	2.35	≤6.5	PASS
	Ant3	5270	-1.99	≤6.5	PASS
	Ant4	5270	-0.85	≤6.5	PASS
	total	5270	6.31	≤6.5	PASS
	Ant1	5310	0.1	≤6.5	PASS
	Ant2	5310	1.27	≤6.5	PASS
	Ant3	5310	-0.85	≤6.5	PASS
	Ant4	5310	0.11	≤6.5	PASS
	total	5310	6.24	≤6.5	PASS
	Ant1	5510	1.39	≤6.5	PASS
	Ant2	5510	1.67	≤6.5	PASS
	Ant3	5510	-1.74	≤6.5	PASS
	Ant4	5510	-0.53	≤6.5	PASS
	total	5510	6.44	≤6.5	PASS
	Ant1	5550	0.87	≤6.5	PASS
	Ant2	5550	1.33	≤6.5	PASS
	Ant3	5550	-2.45	≤6.5	PASS
	Ant4	5550	-1.51	≤6.5	PASS
	total	5550	5.86	≤6.5	PASS
	Ant1	5670	0.03	≤6.5	PASS

	Ant2	5670	2.63	≤6.5	PASS
	Ant3	5670	-0.91	≤6.5	PASS
	Ant4	5670	-0.96	≤6.5	PASS
	total	5670	6.49	≤6.5	PASS
	Ant1	5710 UNII-2C	-0.27	≤6.5	PASS
	Ant2	5710 UNII-2C	1.12	≤6.5	PASS
	Ant3	5710 UNII-2C	-0.91	≤6.5	PASS
	Ant4	5710 UNII-2C	-0.62	≤6.5	PASS
	total	5710 UNII-2C	5.92	≤6.5	PASS
	Ant1	5755	10.04	≤25.5	PASS
	Ant2	5755	11.14	≤25.5	PASS
	Ant3	5755	9.47	≤25.5	PASS
	Ant4	5755	10.03	≤25.5	PASS
	total	5755	16.24	≤25.5	PASS
	Ant1	5795	9.02	≤25.5	PASS
	Ant2	5795	10.87	≤25.5	PASS
Ant3	5795	9.08	≤25.5	PASS	
Ant4	5795	11.13	≤25.5	PASS	
total	5795	16.16	≤25.5	PASS	
11AX80MIMO	Ant1	5210	4.69	≤12.5	PASS
	Ant2	5210	4.54	≤12.5	PASS
	Ant3	5210	3.71	≤12.5	PASS
	Ant4	5210	3.62	≤12.5	PASS
	total	5210	10.19	≤12.5	PASS
	Ant1	5290	-0.23	≤6.5	PASS
	Ant2	5290	1.03	≤6.5	PASS
	Ant3	5290	-2.03	≤6.5	PASS
	Ant4	5290	-1.65	≤6.5	PASS
	total	5290	5.47	≤6.5	PASS
	Ant1	5530	1.61	≤6.5	PASS
	Ant2	5530	0.26	≤6.5	PASS
	Ant3	5530	-2.56	≤6.5	PASS
	Ant4	5530	-0.86	≤6.5	PASS
	total	5530	5.89	≤6.5	PASS
	Ant1	5610	-0.05	≤6.5	PASS
	Ant2	5610	1.7	≤6.5	PASS
	Ant3	5610	-1.75	≤6.5	PASS
	Ant4	5610	-1.18	≤6.5	PASS
	total	5610	5.91	≤6.5	PASS
	Ant1	5690 UNII-2C	-3.64	≤6.5	PASS
	Ant2	5690 UNII-2C	-4.04	≤6.5	PASS
	Ant3	5690 UNII-2C	-4.21	≤6.5	PASS
	Ant4	5690 UNII-2C	-3.98	≤6.5	PASS
total	5690 UNII-2C	2.06	≤6.5	PASS	
Ant1	5775	4.77	≤25.5	PASS	
Ant2	5775	5.89	≤25.5	PASS	
Ant3	5775	5.76	≤25.5	PASS	
Ant4	5775	5.03	≤25.5	PASS	
total	5775	8.38	≤25.5	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.

Note: The maximum antenna gain is 4.5dBi.

For 802.11a mode, the device employed cyclic delay diversity (CDD).

According to KDB 662911 D01 v02r01, for PSD measurement on IEEE 802.11 devices:

Array Gain = $10\lg 4\text{dB} = 6\text{dB}$; So Directional gain = $G_{ANT} + \text{Array Gain} = 10.5\text{dBi} > 6\text{dBi}$

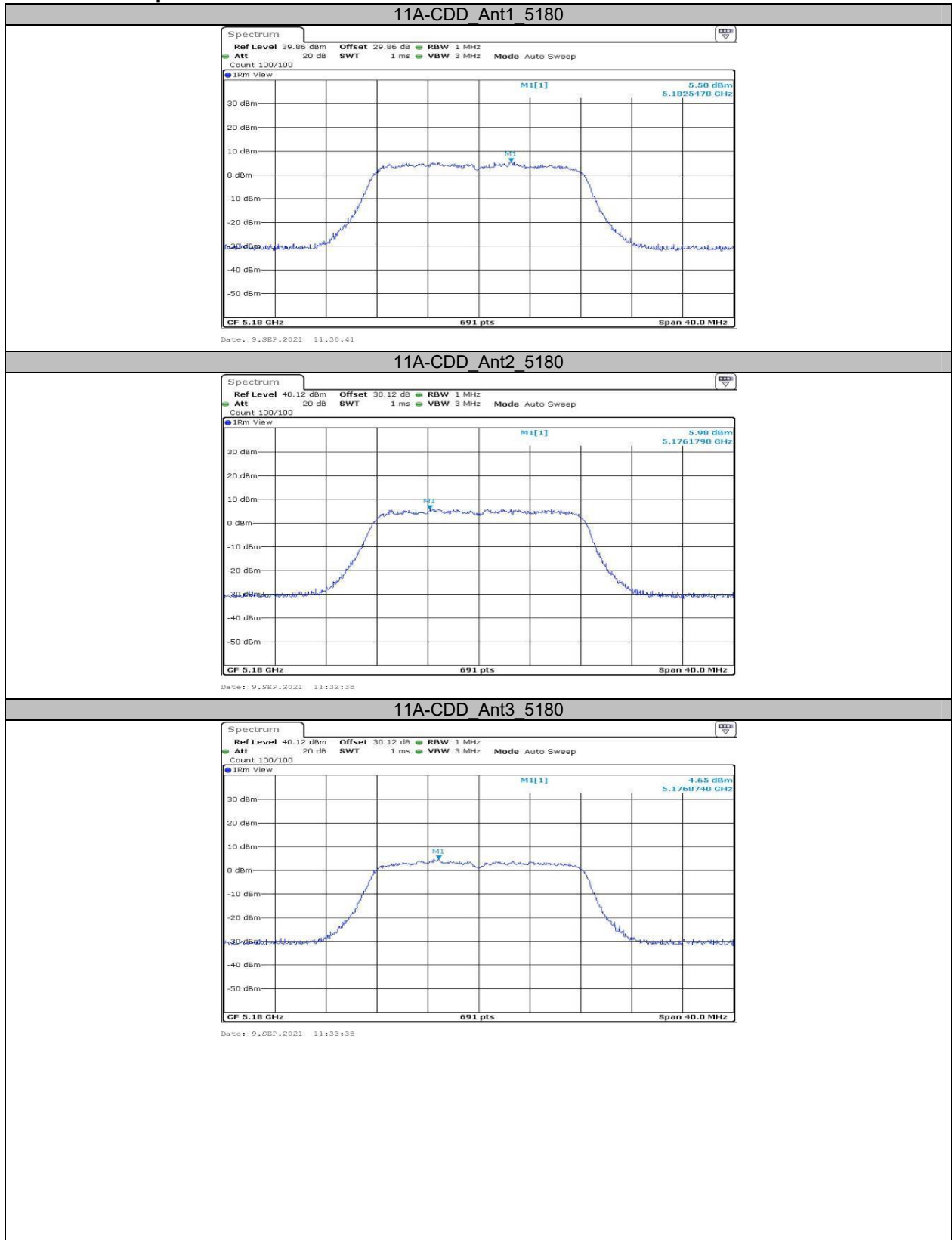
So the limit should be reduce $(10.5-6)\text{dB} = 4.5\text{dB}$.

For 802.11n/ac/ax mode, the device support beam-forming function. Beam-forming gain is 0dBi.

The directional gain = $G_{ANT} + 10\lg 4 + 0\text{dBi} = 10.5\text{dBi} > 6\text{dBi}$; So the limit should be reduce $(10.5-6)\text{dB} = 4.5\text{dB}$

The EUT is an indoor access point.

Test Graphs



11A-CDD_Ant4_5180



11A-CDD_Ant1_5200



11A-CDD_Ant2_5200



11A-CDD_Ant3_5200



Date: 9,SEP,2021 11:40:26

11A-CDD_Ant4_5200



Date: 9,SEP,2021 11:40:32

11A-CDD_Ant1_5240



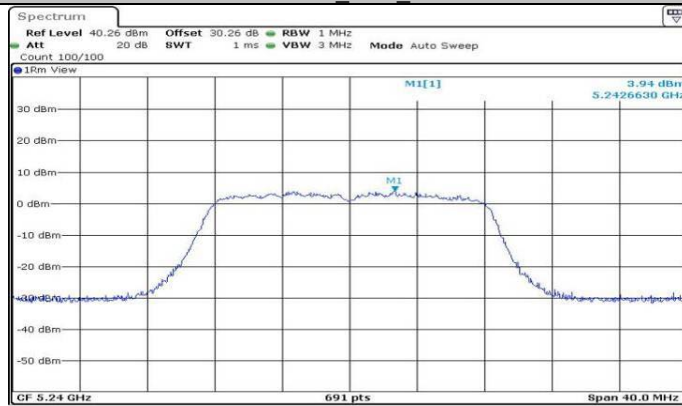
Date: 9,SEP,2021 11:54:06

11A-CDD_Ant2_5240



Date: 7,SEP,2021 11:01:57

11A-CDD_Ant3_5240



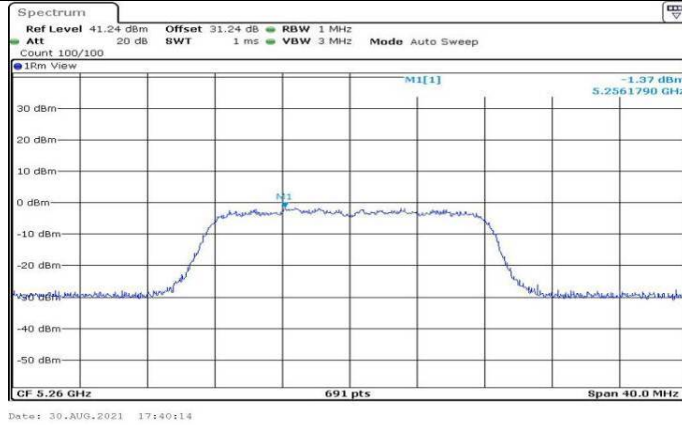
Date: 28,AUG,2021 15:02:48

11A-CDD_Ant4_5240

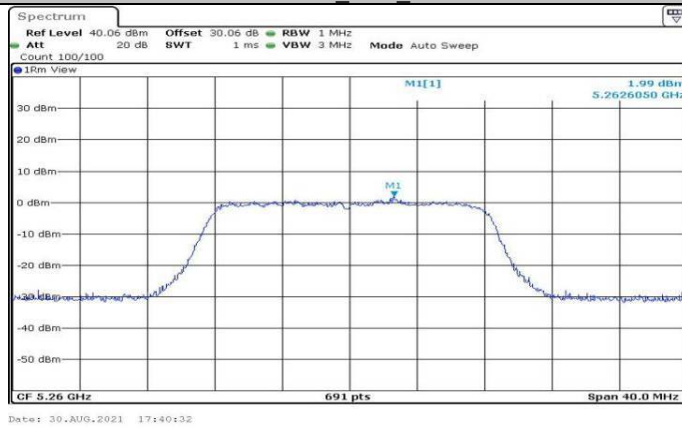


Date: 28,AUG,2021 15:03:04

11A-CDD_Ant1_5260



11A-CDD_Ant2_5260



11A-CDD_Ant3_5260



11A-CDD_Ant4_5260



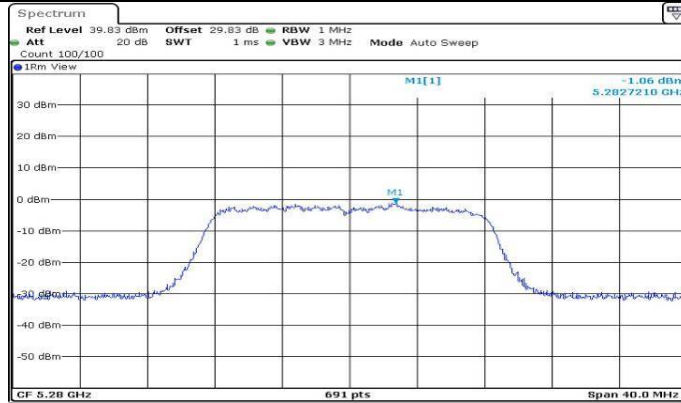
Date: 7.SEP.2021 11:05:29

11A-CDD_Ant1_5280



Date: 7.SEP.2021 11:41:48

11A-CDD_Ant2_5280



Date: 7.SEP.2021 11:37:20

11A-CDD_Ant3_5280



11A-CDD_Ant4_5280



11A-CDD_Ant1_5320



11A-CDD_Ant2_5320



11A-CDD_Ant3_5320



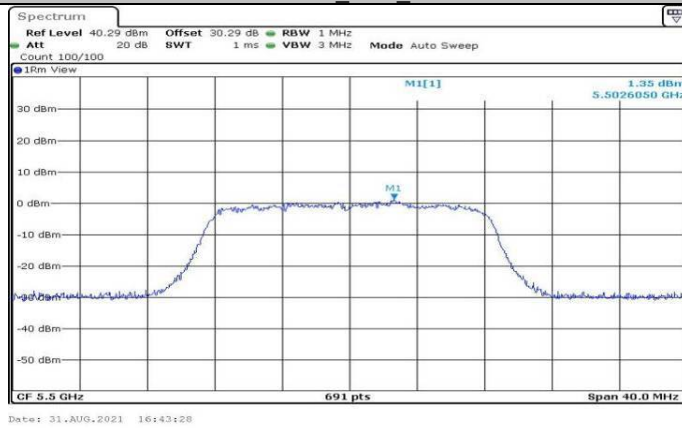
11A-CDD_Ant4_5320



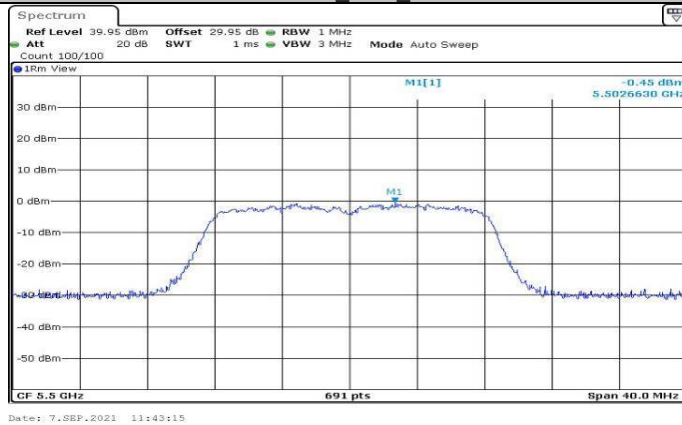
11A-CDD_Ant1_5500



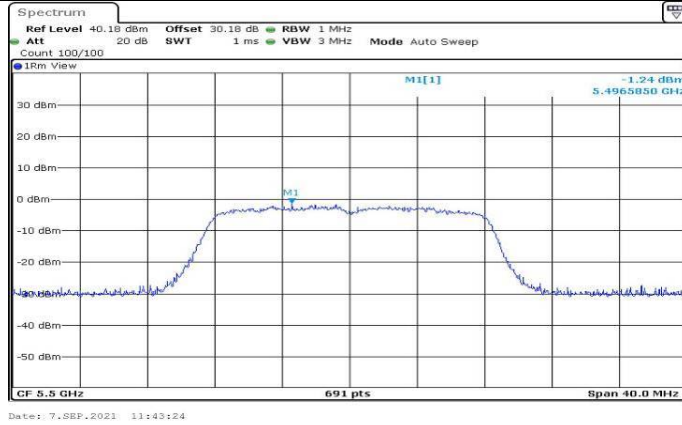
11A-CDD_Ant2_5500



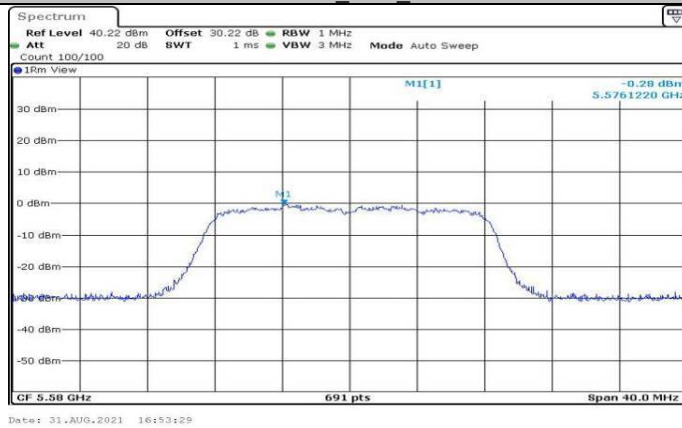
11A-CDD_Ant3_5500



11A-CDD_Ant4_5500



11A-CDD_Ant1_5580



11A-CDD_Ant2_5580



11A-CDD_Ant3_5580



11A-CDD_Ant4_5580



11A-CDD_Ant1_5700



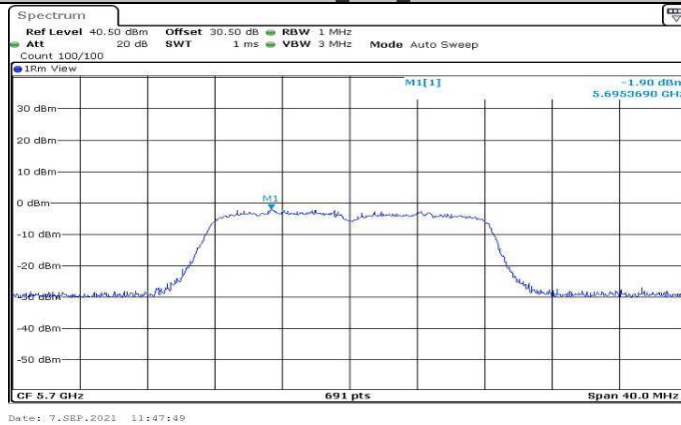
11A-CDD_Ant2_5700



11A-CDD_Ant3_5700



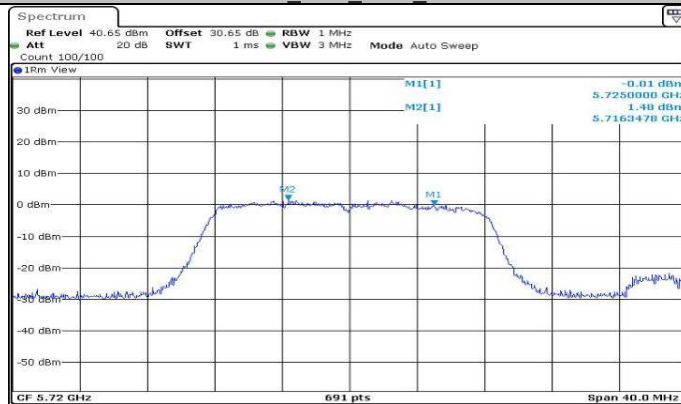
11A-CDD_Ant4_5700



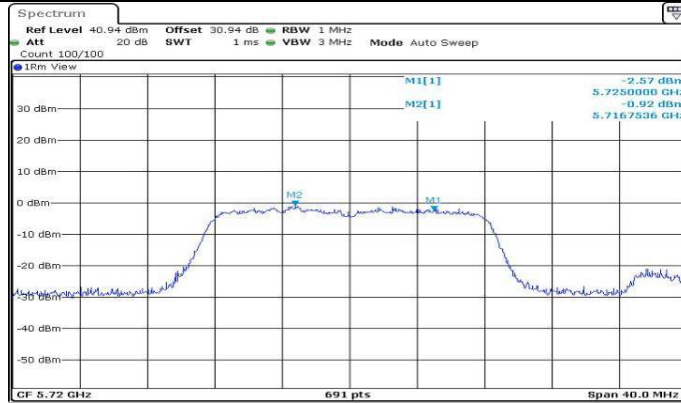
11A-CDD Ant1 5720 UNII-2C



11A-CDD Ant2 5720 UNII-2C



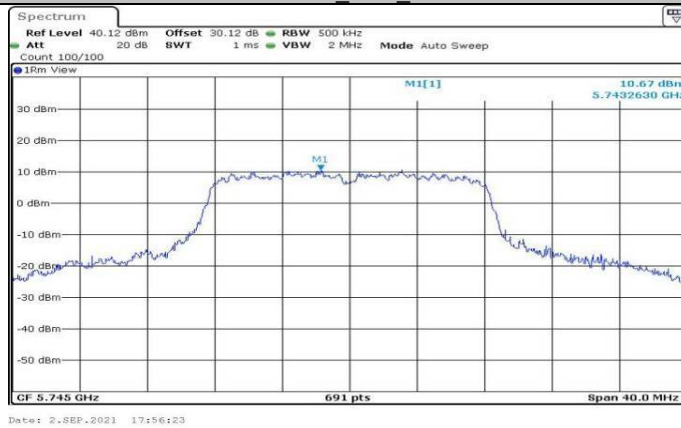
11A-CDD Ant3 5720 UNII-2C



11A-CDD_Ant4_5720_UNII-2C



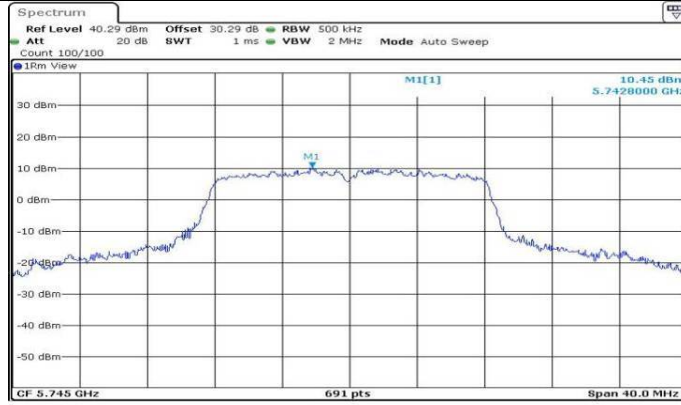
11A-CDD_Ant1_5745



11A-CDD_Ant2_5745

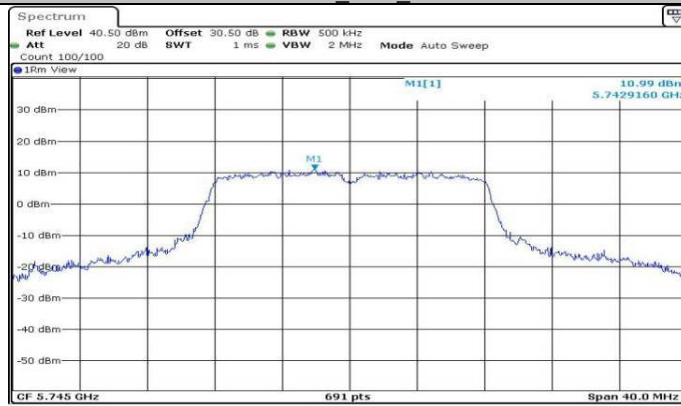


11A-CDD_Ant3_5745



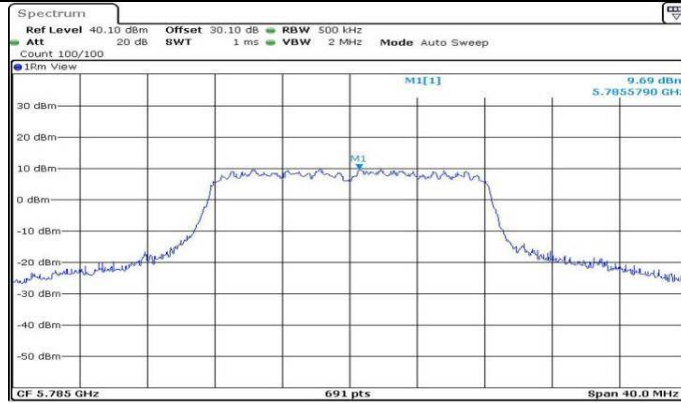
Date: 2.SEP.2021 17:56:55

11A-CDD_Ant4_5745



Date: 3.SEP.2021 08:53:55

11A-CDD_Ant1_5785



Date: 3.SEP.2021 09:01:41