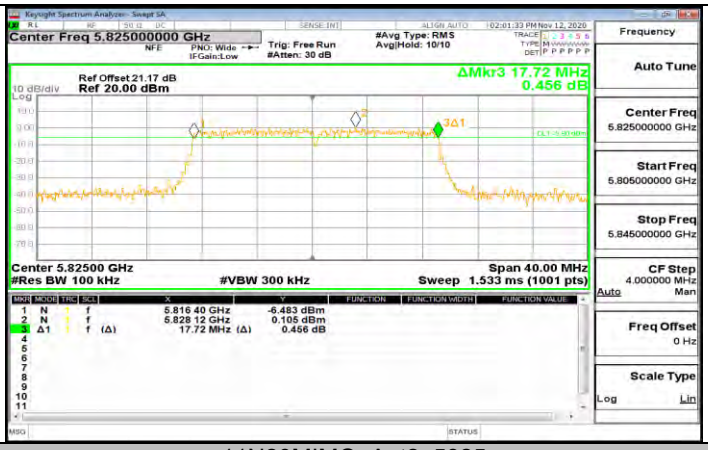
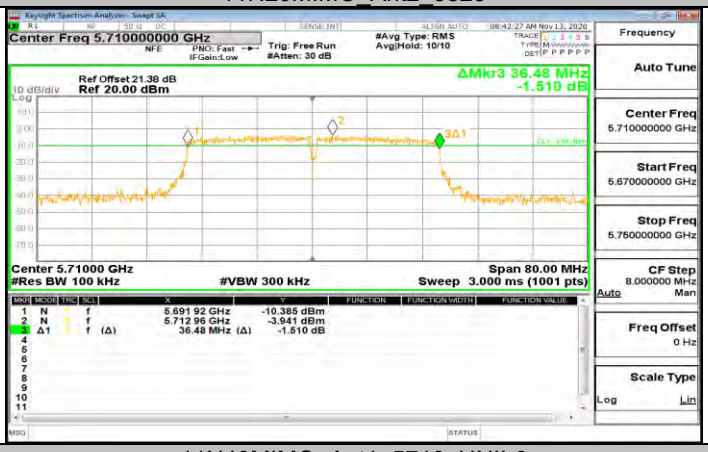
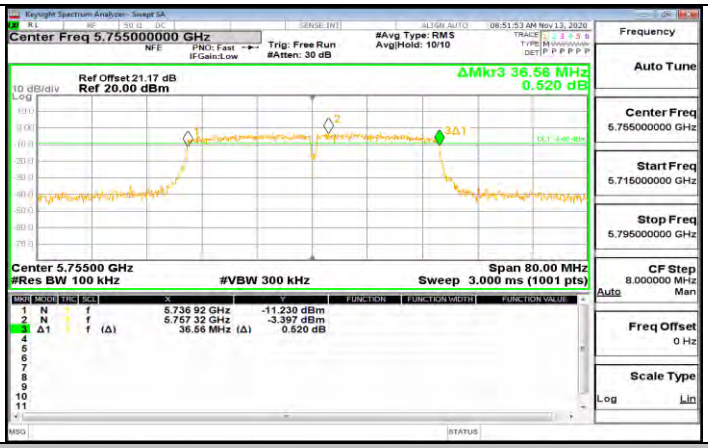


11N20MIMO_Ant2_5825

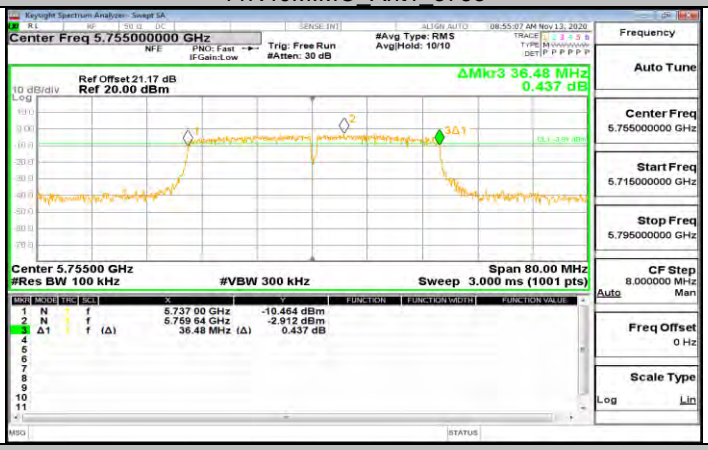


11N40MIMO_Ant1_5710_UNII-3

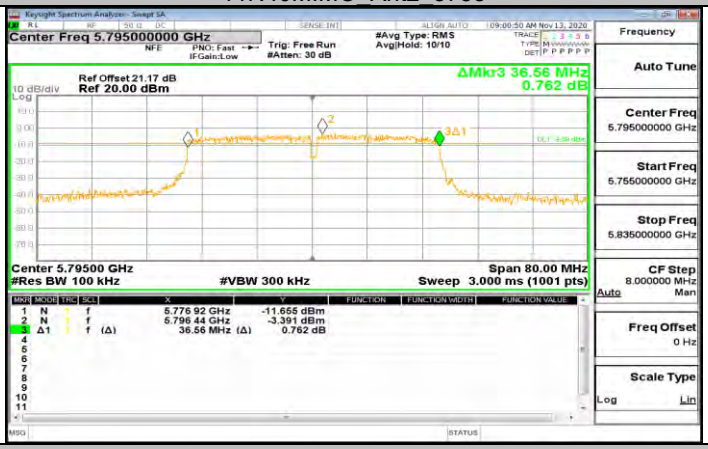
11N40MIMO_Ant2_5710_UNII-3



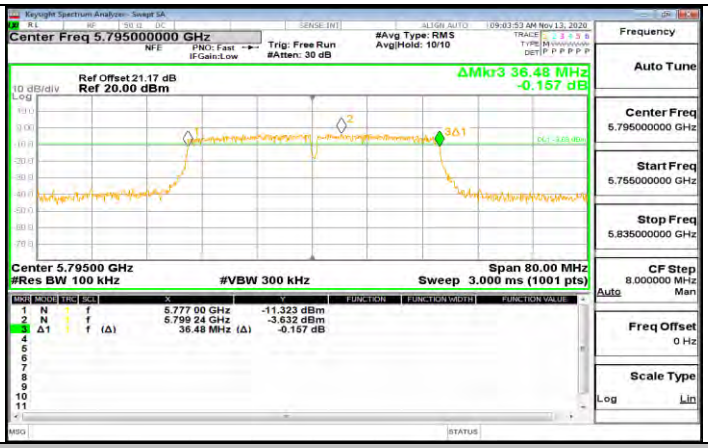
11N40MIMO_Ant1_5755



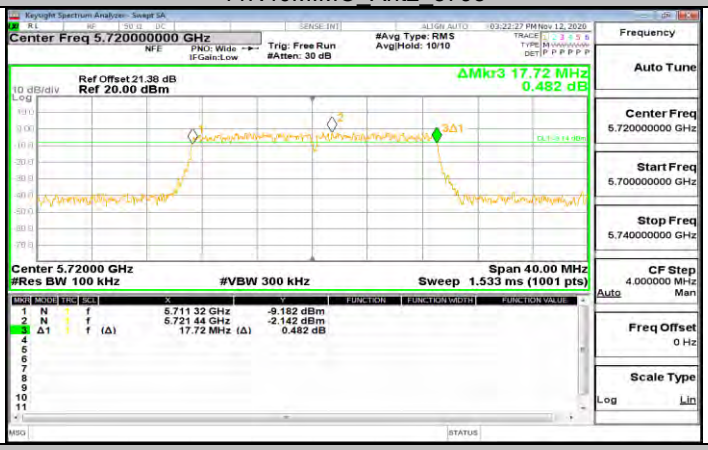
11N40MIMO_Ant2_5755



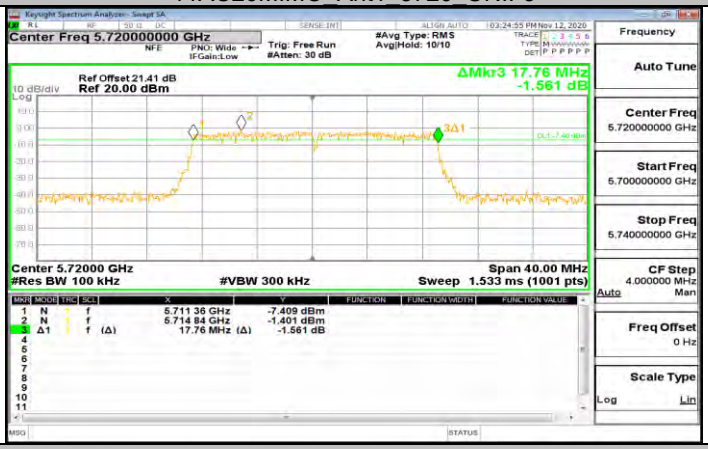
11N40MIMO_Ant1_5795



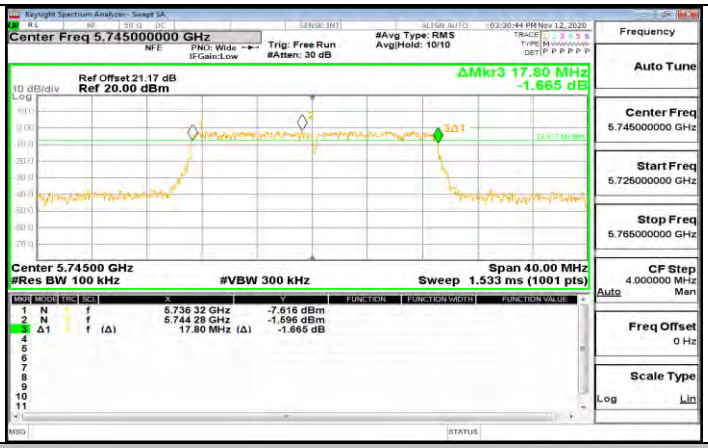
11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5720_UNII-3

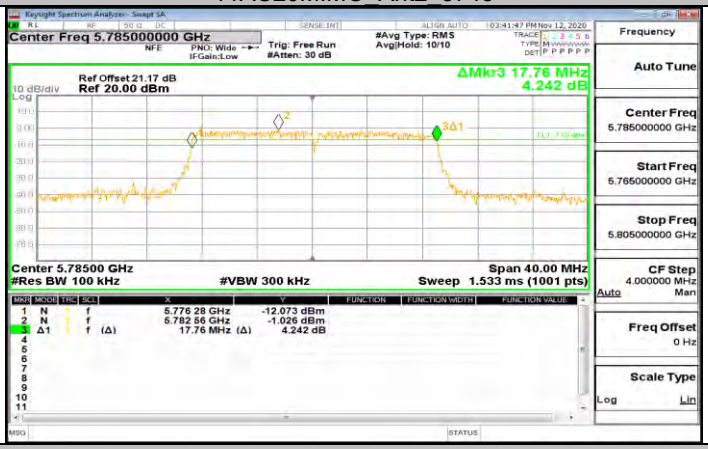


11AC20MIMO_Ant2_5720_UNII-3

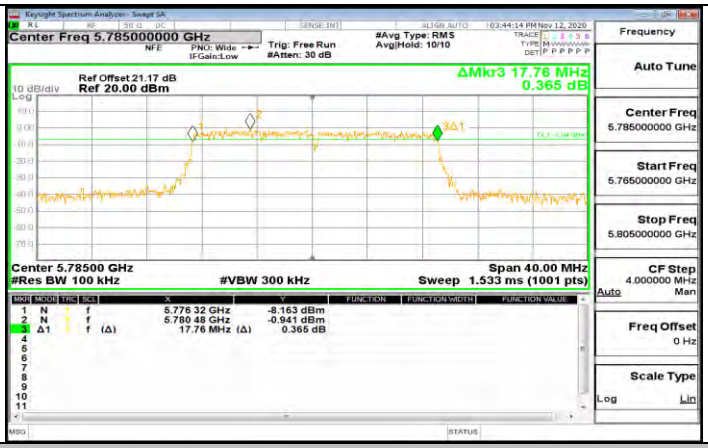


11AC20MIMO_Ant1_5745

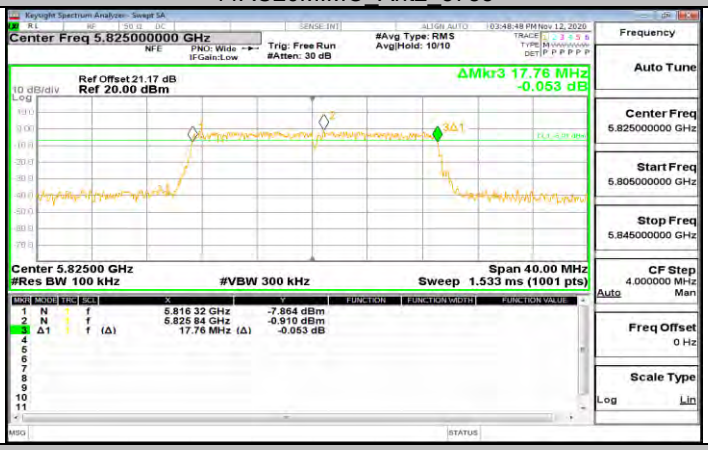
11AC20MIMO_Ant2_5745



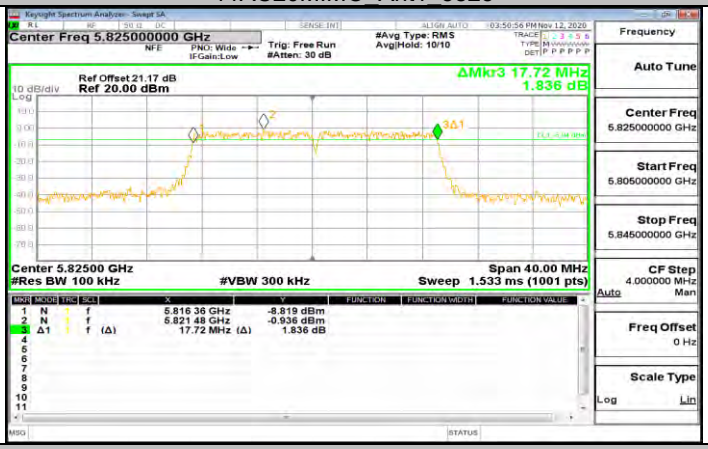
11AC20MIMO_Ant1_5785



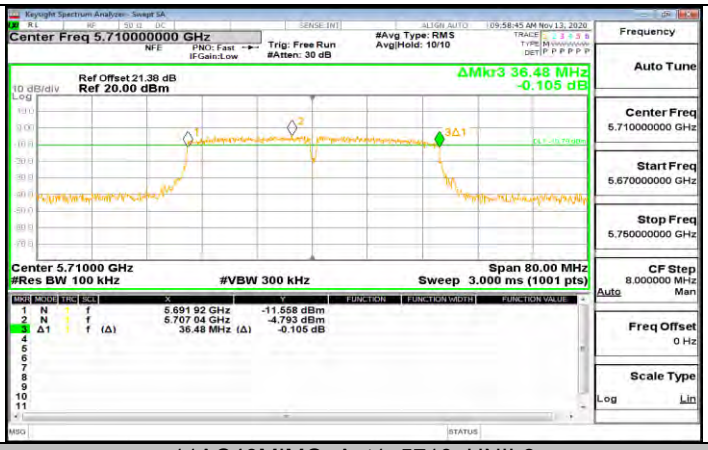
11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



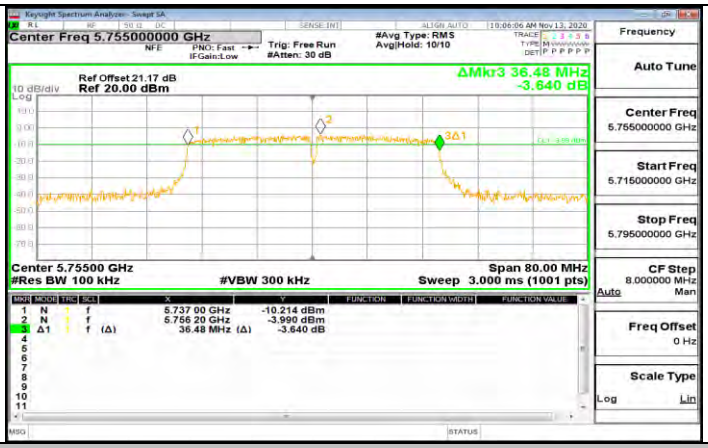
11AC20MIMO_Ant2_5825



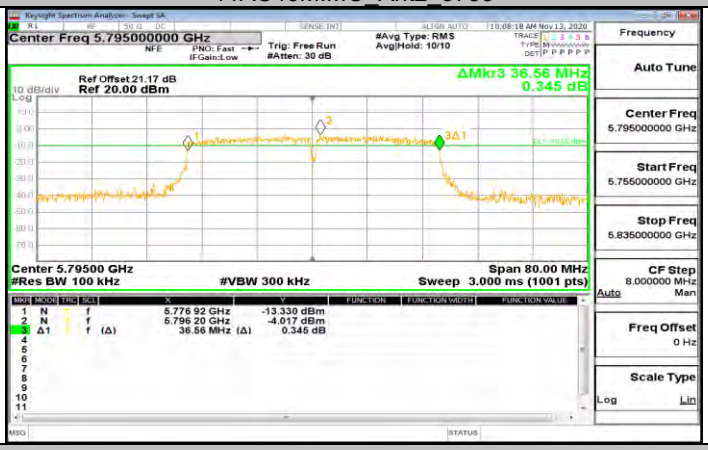
11AC40MIMO_Ant1_5710_UNII-3

11AC40MIMO_Ant2_5710_UNII-3

11AC40MIMO_Ant1_5755

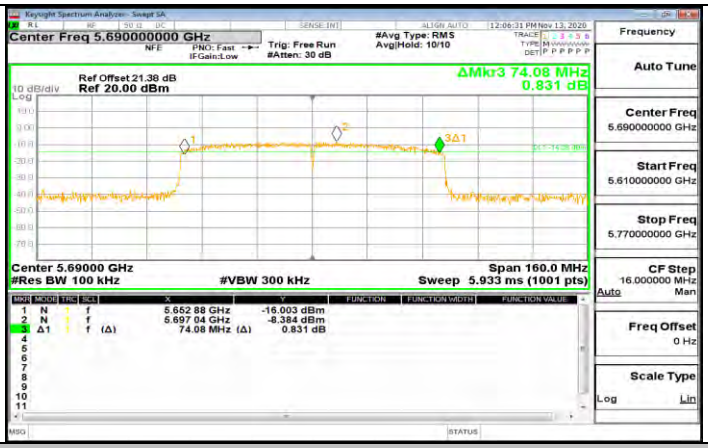


11AC40MIMO_Ant2_5755



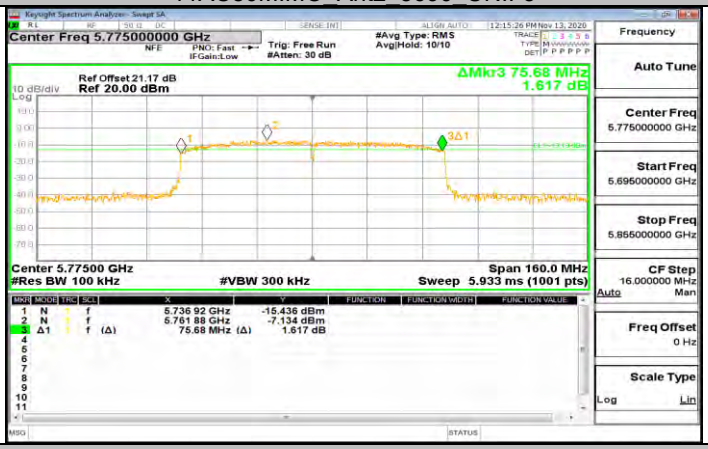
11AC40MIMO_Ant1_5795

11AC40MIMO_Ant2_5795

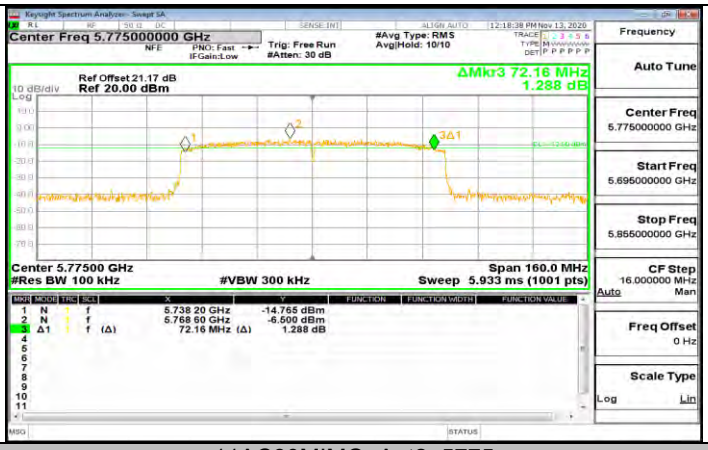


11AC80MIMO_Ant1_5690_UNII-3

11AC80MIMO_Ant2_5690_UNII-3



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

Appendix B: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	14.97	<=24	---	17.98	<=22.16	PASS
	Ant2	5180	15.19	<=24	---	20.07	<=22.18	PASS
	Ant1	5200	15.22	<=24	---	18.23	<=22.17	PASS
	Ant2	5200	15.15	<=24	---	20.03	<=22.16	PASS
	Ant1	5240	15.11	<=24	---	18.12	<=22.17	PASS
	Ant2	5240	15.27	<=24	---	20.15	<=22.16	PASS
	Ant1	5260	14.95	<=23.62	<=23.17	17.96	<=29.17	PASS
	Ant2	5260	15.12	<=23.52	<=23.17	20.00	<=29.17	PASS
	Ant1	5280	14.95	<=23.61	<=23.15	17.96	<=29.15	PASS
	Ant2	5280	15.07	<=23.64	<=23.17	19.95	<=29.17	PASS
	Ant1	5320	15.15	<=23.64	<=23.17	18.16	<=29.17	PASS
	Ant2	5320	15.26	<=23.53	<=23.17	20.14	<=29.17	PASS
	Ant1	5500	15.02	<=23.56	<=23.17	18.03	<=29.17	PASS
	Ant2	5500	15.26	<=23.63	<=23.16	20.14	<=29.16	PASS
	Ant1	5600	15.22	<=23.61	<=23.17	18.23	<=29.17	PASS
	Ant2	5600	15.57	<=23.65	<=23.17	20.45	<=29.17	PASS
	Ant1	5700	14.85	<=23.70	<=23.16	17.86	<=29.16	PASS
	Ant2	5700	15.45	<=23.57	<=23.17	20.33	<=29.17	PASS
	Ant1	5720_UNII-2C	13.74	<=22.50	<=22.20	16.75	<=28.20	PASS
	Ant2	5720_UNII-2C	15.19	<=22.47	<=22.20	20.07	<=28.20	PASS
	Ant1	5720_UNII-3	7.90	<=30	<=30	---	---	PASS
	Ant2	5720_UNII-3	8.98	<=30	<=30	---	---	PASS
	Ant1	5745	15.10	<=30	<=30	---	---	PASS
	Ant2	5745	15.77	<=30	<=30	---	---	PASS
	Ant1	5785	15.03	<=30	<=30	---	---	PASS
	Ant2	5785	15.70	<=30	<=30	---	---	PASS
	Ant1	5825	15.03	<=30	<=30	---	---	PASS
	Ant2	5825	15.51	<=30	<=30	---	---	PASS
11N20MIMO	Ant1	5180	10.51	<=24	---	---	---	PASS
	Ant2	5180	10.50	<=24	---	---	---	PASS
	total	5180	13.52	<=22.99	---	20.53	<=22.47	PASS
	Ant1	5200	10.37	<=24	---	---	---	PASS
	Ant2	5200	10.47	<=24	---	---	---	PASS
	total	5200	13.43	<=22.99	---	20.44	<=22.46	PASS
	Ant1	5240	10.41	<=24	---	---	---	PASS
	Ant2	5240	10.49	<=24	---	---	---	PASS
	total	5240	13.46	<=22.99	---	17.47	<=22.46	PASS
	Ant1	5260	15.00	<=23.82	<=23.46	---	---	PASS
	Ant2	5260	14.67	<=23.83	<=23.46	---	---	PASS
	total	5260	17.85	<=22.82	<=22.45	24.86	<=29.46	PASS
	Ant1	5280	15.23	<=23.82	<=23.45	---	---	PASS
	Ant2	5280	15.00	<=23.81	<=23.46	---	---	PASS
	total	5280	18.13	<=22.80	<=22.45	25.14	<=29.46	PASS
	Ant1	5320	15.02	<=23.84	<=23.47	---	---	PASS
	Ant2	5320	14.76	<=23.84	<=23.47	---	---	PASS
	total	5320	18.00	<=22.83	<=22.46	25.01	<=29.47	PASS
	Ant1	5500	15.06	<=23.83	<=23.46	---	---	PASS
	Ant2	5500	14.97	<=23.86	<=23.46	---	---	PASS
	total	5500	18.03	<=22.85	<=22.45	25.04	<=29.46	PASS
	Ant1	5600	15.05	<=23.89	<=23.47	---	---	PASS
	Ant2	5600	15.26	<=23.87	<=23.46	---	---	PASS

	total	5600	18.17	<=22.86	<=22.45	25.18	<=29.46	PASS
	Ant1	5700	15.14	<=23.81	<=23.46	---	---	PASS
	Ant2	5700	15.71	<=23.78	<=23.46	---	---	PASS
	total	5700	18.44	<=22.77	<=22.45	25.45	<=29.46	PASS
	Ant1	5720_UNII-2C	12.89	<=22.57	<=22.35	---	---	PASS
	Ant2	5720_UNII-2C	13.66	<=22.63	<=22.32	---	---	PASS
	total	5720_UNII-2C	16.30	<=21.62	<=21.31	23.31	<=28.32	PASS
	Ant1	5720_UNII-3	7.65	<=30	<=30	---	---	PASS
	Ant2	5720_UNII-3	8.38	<=30	<=30	---	---	PASS
	total	5720_UNII-3	11.0	<=28.99	<=28.99	---	---	PASS
	Ant1	5745	14.85	<=30	<=30	---	---	PASS
	Ant2	5745	15.03	<=30	<=30	---	---	PASS
	total	5745	18.0	<=28.99	<=28.99	---	---	PASS
	Ant1	5785	14.91	<=30	<=30	---	---	PASS
	Ant2	5785	15.10	<=30	<=30	---	---	PASS
	total	5785	18.0	<=28.99	<=28.99	---	---	PASS
	Ant1	5825	15.09	<=30	<=30	---	---	PASS
	Ant2	5825	15.13	<=30	<=30	---	---	PASS
	total	5825	18.1	<=28.99	<=28.99	---	---	PASS
11N40MIMO	Ant1	5190	11.99	<=24	---	---	---	PASS
	Ant2	5190	11.97	<=24	---	---	---	PASS
	total	5190	14.99	<=22.99	---	22.00	<=23	PASS
	Ant1	5230	11.86	<=24	---	---	---	PASS
	Ant2	5230	12.15	<=24	---	---	---	PASS
	total	5230	15.02	<=22.99	---	22.03	<=23	PASS
	Ant1	5270	15.04	<=24	<=24	---	---	PASS
	Ant2	5270	14.86	<=24	<=24	---	---	PASS
	total	5270	17.96	<=22.99	<=22.99	24.97	<=30	PASS
	Ant1	5310	15.04	<=24	<=24	---	---	PASS
	Ant2	5310	14.80	<=24	<=24	---	---	PASS
	total	5310	17.93	<=22.99	<=22.99	24.94	<=30	PASS
	Ant1	5510	15.23	<=24	<=24	---	---	PASS
	Ant2	5510	15.16	<=24	<=24	---	---	PASS
	total	5510	18.21	<=22.99	<=22.99	25.22	<=30	PASS
	Ant1	5590	14.93	<=24	<=24	---	---	PASS
	Ant2	5590	15.15	<=24	<=24	---	---	PASS
	total	5590	18.05	<=22.99	<=22.99	25.06	<=30	PASS
	Ant1	5670	15.17	<=24	<=24	---	---	PASS
	Ant2	5670	15.74	<=24	<=24	---	---	PASS
	total	5670	18.47	<=22.99	<=22.99	25.48	<=30	PASS
	Ant1	5710_UNII-2C	14.22	<=24	<=24	---	---	PASS
	Ant2	5710_UNII-2C	14.97	<=24	<=24	---	---	PASS
	total	5710_UNII-2C	17.62	<=22.99	<=22.99	24.63	<=30	PASS
	Ant1	5710_UNII-3	2.25	<=30	<=30	---	---	PASS
	Ant2	5710_UNII-3	2.94	<=30	<=30	---	---	PASS
	total	5710_UNII-3	5.6	<=28.99	<=28.99	---	---	PASS
	Ant1	5755	15.09	<=30	<=30	---	---	PASS
	Ant2	5755	15.26	<=30	<=30	---	---	PASS
	total	5755	18.2	<=28.99	<=28.99	---	---	PASS
	Ant1	5795	14.87	<=30	<=30	---	---	PASS
	Ant2	5795	15.18	<=30	<=30	---	---	PASS
	total	5795	18.0	<=28.99	<=28.99	---	---	PASS
11AC20MIMO	Ant1	5180	10.13	<=24	---	---	---	PASS
	Ant2	5180	10.13	<=24	---	---	---	PASS
	total	5180	13.14	<=22.99	---	20.15	<=22.47	PASS

	Ant1	5200	10.16	<=24	---	---	---	PASS
	Ant2	5200	10.33	<=24	---	---	---	PASS
	total	5200	13.26	<=22.99	---	20.27	<=22.46	PASS
	Ant1	5240	10.25	<=24	---	---	---	PASS
	Ant2	5240	10.54	<=24	---	---	---	PASS
	total	5240	13.41	<=22.99	---	20.42	<=22.47	PASS
	Ant1	5260	14.37	<=23.85	<=23.45	---	---	PASS
	Ant2	5260	14.21	<=23.87	<=23.47	---	---	PASS
	total	5260	17.30	<=22.86	<=22.46	24.31	<=29.47	PASS
	Ant1	5280	14.33	<=23.90	<=23.46	---	---	PASS
	Ant2	5280	14.26	<=23.85	<=23.46	---	---	PASS
	total	5280	17.31	<=22.84	<=22.45	24.32	<=29.46	PASS
	Ant1	5320	14.14	<=23.82	<=23.47	---	---	PASS
	Ant2	5320	14.11	<=23.81	<=23.46	---	---	PASS
	total	5320	17.14	<=22.80	<=22.45	24.15	<=29.46	PASS
	Ant1	5500	14.14	<=23.89	<=23.46	---	---	PASS
	Ant2	5500	14.01	<=23.81	<=23.45	---	---	PASS
	total	5500	17.09	<=22.80	<=22.44	24.09	<=29.45	PASS
	Ant1	5600	14.19	<=23.84	<=23.47	---	---	PASS
	Ant2	5600	14.46	<=23.84	<=23.47	---	---	PASS
	total	5600	17.34	<=22.83	<=22.46	24.35	<=29.47	PASS
	Ant1	5700	13.96	<=23.81	<=23.45	---	---	PASS
	Ant2	5700	14.70	<=23.86	<=23.45	---	---	PASS
	total	5700	17.36	<=22.85	<=22.44	24.37	<=29.45	PASS
	Ant1	5720_UNII-2C	11.85	<=22.58	<=22.35	---	---	PASS
	Ant2	5720_UNII-2C	12.66	<=22.57	<=22.33	---	---	PASS
	total	5720_UNII-2C	15.28	<=22.57	<=22.33	22.29	<=28.33	PASS
	Ant1	5720_UNII-3	6.71	<=30	<=30	---	---	PASS
	Ant2	5720_UNII-3	7.50	<=30	<=30	---	---	PASS
	total	5720_UNII-3	10.1	<=28.99	<=28.99	---	---	PASS
	Ant1	5745	14.10	<=30	<=30	---	---	PASS
	Ant2	5745	14.38	<=30	<=30	---	---	PASS
	total	5745	17.3	<=28.99	<=28.99	---	---	PASS
	Ant1	5785	14.08	<=30	<=30	---	---	PASS
	Ant2	5785	14.32	<=30	<=30	---	---	PASS
	total	5785	17.2	<=28.99	<=28.99	---	---	PASS
	Ant1	5825	14.09	<=30	<=30	---	---	PASS
	Ant2	5825	14.14	<=30	<=30	---	---	PASS
	total	5825	17.1	<=28.99	<=28.99	---	---	PASS
11AC40MIMO	Ant1	5190	11.77	<=24	---	---	---	PASS
	Ant2	5190	11.88	<=24	---	---	---	PASS
	total	5190	14.84	<=22.99	---	21.85	<=23	PASS
	Ant1	5230	11.85	<=24	---	---	---	PASS
	Ant2	5230	12.17	<=24	---	---	---	PASS
	total	5230	15.02	<=22.99	---	22.03	<=23	PASS
	Ant1	5270	14.12	<=24	<=24	---	---	PASS
	Ant2	5270	13.91	<=24	<=24	---	---	PASS
	total	5270	17.03	<=22.99	<=22.99	24.04	<=30	PASS
	Ant1	5310	14.14	<=24	<=24	---	---	PASS
	Ant2	5310	13.96	<=24	<=24	---	---	PASS
	total	5310	17.06	<=22.99	<=22.99	24.07	<=30	PASS
	Ant1	5510	14.04	<=24	<=24	---	---	PASS
	Ant2	5510	13.91	<=24	<=24	---	---	PASS
	total	5510	16.99	<=22.99	<=22.99	24.00	<=30	PASS
	Ant1	5590	13.94	<=24	<=24	---	---	PASS
	Ant2	5590	14.19	<=24	<=24	---	---	PASS
	total	5590	17.08	<=22.99	<=22.99	24.09	<=30	PASS
	Ant1	5670	14.28	<=24	<=24	---	---	PASS

	Ant2	5670	14.77	<=24	<=24	---	---	PASS
	total	5670	17.54	<=22.99	<=22.99	24.55	<=30	PASS
	Ant1	5710_UNII-2C	13.28	<=24	<=24	---	---	PASS
	Ant2	5710_UNII-2C	13.96	<=24	<=24	---	---	PASS
	total	5710_UNII-2C	16.64	<=22.99	<=22.99	23.65	<=30	PASS
	Ant1	5710_UNII-3	1.35	<=30	<=30	---	---	PASS
	Ant2	5710_UNII-3	1.96	<=30	<=30	---	---	PASS
	total	5710_UNII-3	4.7	<=28.99	<=28.99	---	---	PASS
	Ant1	5755	14.36	<=30	<=30	---	---	PASS
	Ant2	5755	14.34	<=30	<=30	---	---	PASS
	total	5755	17.4	<=28.99	<=28.99	---	---	PASS
	Ant1	5795	14.20	<=30	<=30	---	---	PASS
	Ant2	5795	14.38	<=30	<=30	---	---	PASS
	total	5795	17.3	<=28.99	<=28.99	---	---	PASS
11AC80MIMO	Ant1	5210	11.90	<=24	---	---	---	PASS
	Ant2	5210	11.90	<=24	---	---	---	PASS
	total	5210	14.91	<=22.99	---	21.92	<=23	PASS
	Ant1	5290	14.06	<=24	<=24	---	---	PASS
	Ant2	5290	13.93	<=24	<=24	---	---	PASS
	total	5290	17.01	<=22.99	<=22.99	24.02	<=30	PASS
	Ant1	5530	14.28	<=24	<=24	---	---	PASS
	Ant2	5530	14.62	<=24	<=24	---	---	PASS
	total	5530	17.46	<=22.99	<=22.99	24.47	<=30	PASS
	Ant1	5610	13.85	<=24	<=24	---	---	PASS
	Ant2	5610	14.70	<=24	<=24	---	---	PASS
	total	5610	17.31	<=22.99	<=22.99	24.32	<=30	PASS
	Ant1	5690_UNII-2C	12.55	<=24	<=24	---	---	PASS
	Ant2	5690_UNII-2C	13.66	<=24	<=24	---	---	PASS
	total	5690_UNII-2C	16.15	<=22.99	<=22.99	23.16	<=30	PASS
	Ant1	5690_UNII-3	-4.93	<=30	<=30	---	---	PASS
	Ant2	5690_UNII-3	-3.91	<=30	<=30	---	---	PASS
	total	5690_UNII-3	-1.4	<=28.99	<=28.99	---	---	PASS
	Ant1	5775	13.76	<=30	<=30	---	---	PASS
	Ant2	5775	14.20	<=30	<=30	---	---	PASS
	total	5775	17.0	<=28.99	<=28.99	---	---	PASS

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

Appendix C: Maximum power spectral density

Test Result

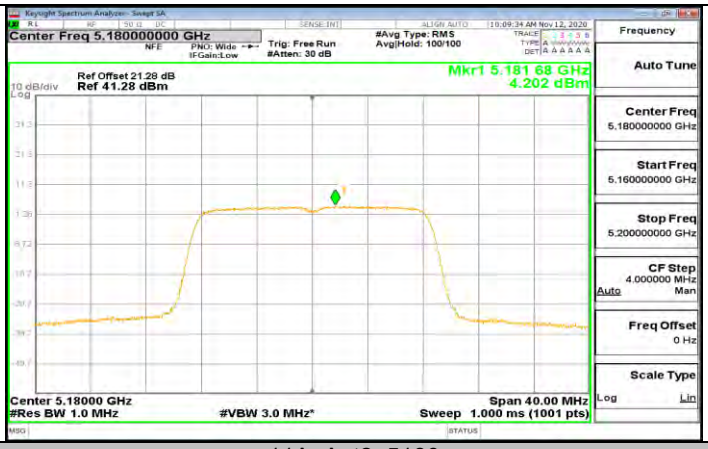
Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant2	5180	4.20	<=11	9.08	<=10	PASS
		5200	4.00	<=11	8.88	<=10	PASS
		5240	4.29	<=11	9.17	<=10	PASS
		5260	4.34	<=11	---	---	PASS
		5280	4.04	<=11	---	---	PASS
		5320	4.10	<=11	---	---	PASS
		5500	4.14	<=11	---	---	PASS
		5600	4.65	<=11	---	---	PASS
		5700	4.23	<=11	---	---	PASS
		5720_UNII-2C	5.24	<=11	---	---	PASS
		5720_UNII-3	2.17	<=11	---	---	PASS
		5745	1.83	<=30	---	---	PASS
		5785	1.80	<=30	---	---	PASS
		5825	1.50	<=30	---	---	PASS
11N20MIMO	Ant1	5180	-0.80	<=11	---	---	PASS
	Ant2	5180	-0.90	<=11	---	---	PASS
	total	5180	2.16	<=9.99	9.17	<=10	PASS
	Ant1	5200	-1.07	<=11	---	---	PASS
	Ant2	5200	-1.02	<=11	---	---	PASS
	total	5200	1.97	<=9.99	8.98	<=10	PASS
	Ant1	5240	-1.07	<=11	---	---	PASS
	Ant2	5240	-0.44	<=11	---	---	PASS
	total	5240	2.27	<=9.99	7.28	<=10	PASS
	Ant1	5260	3.63	<=11	---	---	PASS
	Ant2	5260	3.71	<=11	---	---	PASS
	total	5260	6.68	<=9.99	---	---	PASS
	Ant1	5280	3.71	<=11	---	---	PASS
	Ant2	5280	3.48	<=11	---	---	PASS
	total	5280	6.61	<=9.99	---	---	PASS
	Ant1	5320	3.87	<=11	---	---	PASS
	Ant2	5320	3.46	<=11	---	---	PASS
	total	5320	6.68	<=9.99	---	---	PASS
	Ant1	5500	3.75	<=11	---	---	PASS
	Ant2	5500	3.82	<=11	---	---	PASS
	total	5500	6.80	<=9.99	---	---	PASS
	Ant1	5600	3.71	<=11	---	---	PASS
	Ant2	5600	3.85	<=11	---	---	PASS
	total	5600	6.79	<=9.99	---	---	PASS
	Ant1	5700	3.87	<=11	---	---	PASS
	Ant2	5700	4.45	<=11	---	---	PASS
	total	5700	7.18	<=9.99	---	---	PASS
	Ant1	5720_UNII-2C	2.86	<=11	---	---	PASS
	Ant2	5720_UNII-2C	3.88	<=11	---	---	PASS
	total	5720_UNII-2C	6.41	<=9.99	---	---	PASS
	Ant1	5720_UNII-3	-0.11	<=11	---	---	PASS
	Ant2	5720_UNII-3	0.72	<=11	---	---	PASS
	total	5720_UNII-3	3.34	<=9.99	---	---	PASS
	Ant1	5745	0.56	<=30	---	---	PASS
	Ant2	5745	1.13	<=30	---	---	PASS

	total	5745	3.86	<=28.99	---	---	PASS
	Ant1	5785	0.65	<=30	---	---	PASS
	Ant2	5785	0.93	<=30	---	---	PASS
	total	5785	3.80	<=28.99	---	---	PASS
	Ant1	5825	0.71	<=30	---	---	PASS
	Ant2	5825	0.75	<=30	---	---	PASS
	total	5825	3.74	<=28.99	---	---	PASS
11N40MIMO	Ant1	5190	-2.01	<=11	---	---	PASS
	Ant2	5190	-1.63	<=11	---	---	PASS
	total	5190	1.19	<=9.99	8.20	<=10	PASS
	Ant1	5230	-2.14	<=11	---	---	PASS
	Ant2	5230	-1.67	<=11	---	---	PASS
	total	5230	1.11	<=9.99	8.12	<=10	PASS
	Ant1	5270	1.04	<=11	---	---	PASS
	Ant2	5270	0.93	<=11	---	---	PASS
	total	5270	4.00	<=9.99	---	---	PASS
	Ant1	5310	1.03	<=11	---	---	PASS
	Ant2	5310	0.96	<=11	---	---	PASS
	total	5310	4.01	<=9.99	---	---	PASS
	Ant1	5510	1.15	<=11	---	---	PASS
	Ant2	5510	1.07	<=11	---	---	PASS
	total	5510	4.12	<=9.99	---	---	PASS
	Ant1	5590	0.79	<=11	---	---	PASS
	Ant2	5590	1.15	<=11	---	---	PASS
	total	5590	3.98	<=9.99	---	---	PASS
	Ant1	5670	1.01	<=11	---	---	PASS
	Ant2	5670	1.62	<=11	---	---	PASS
	total	5670	4.34	<=9.99	---	---	PASS
	Ant1	5710_UNII-2C	0.31	<=11	---	---	PASS
	Ant2	5710_UNII-2C	1.27	<=11	---	---	PASS
	total	5710_UNII-2C	3.83	<=9.99	---	---	PASS
	Ant1	5710_UNII-3	-4.67	<=11	---	---	PASS
	Ant2	5710_UNII-3	-3.57	<=11	---	---	PASS
	total	5710_UNII-3	-1.07	<=9.99	---	---	PASS
	Ant1	5755	-1.87	<=30	---	---	PASS
	Ant2	5755	-1.68	<=30	---	---	PASS
	total	5755	1.24	<=28.99	---	---	PASS
	Ant1	5795	-2.23	<=30	---	---	PASS
	Ant2	5795	-1.72	<=30	---	---	PASS
	total	5795	1.04	<=28.99	---	---	PASS
11AC80MIMO	Ant1	5210	-5.36	<=11	---	---	PASS
	Ant2	5210	-4.91	<=11	---	---	PASS
	total	5210	-2.12	<=9.99	4.89	<=10	PASS
	Ant1	5290	-3.21	<=11	---	---	PASS
	Ant2	5290	-2.91	<=11	---	---	PASS
	total	5290	-0.05	<=9.99	---	---	PASS
	Ant1	5530	-2.61	<=11	---	---	PASS
	Ant2	5530	-2.01	<=11	---	---	PASS
	total	5530	0.71	<=9.99	---	---	PASS
	Ant1	5610	-3.15	<=11	---	---	PASS
	Ant2	5610	-2.35	<=11	---	---	PASS
	total	5610	0.28	<=9.99	---	---	PASS
	Ant1	5690_UNII-2C	-4.43	<=11	---	---	PASS
	Ant2	5690_UNII-2C	-3.29	<=11	---	---	PASS
	total	5690_UNII-2C	-0.81	<=9.99	---	---	PASS

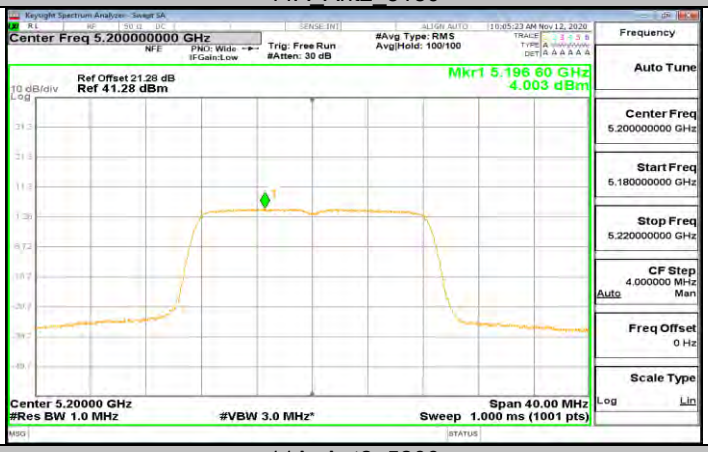
	Ant1	5690_UNII-3	-11.94	<=11	---	---	PASS
	Ant2	5690_UNII-3	-10.92	<=11	---	---	PASS
	total	5690_UNII-3	-8.39	<=9.99	---	---	PASS
	Ant1	5775	-6.06	<=30	---	---	PASS
	Ant2	5775	-5.56	<=30	---	---	PASS
	total	5775	-2.79	<=28.99	---	---	PASS

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.

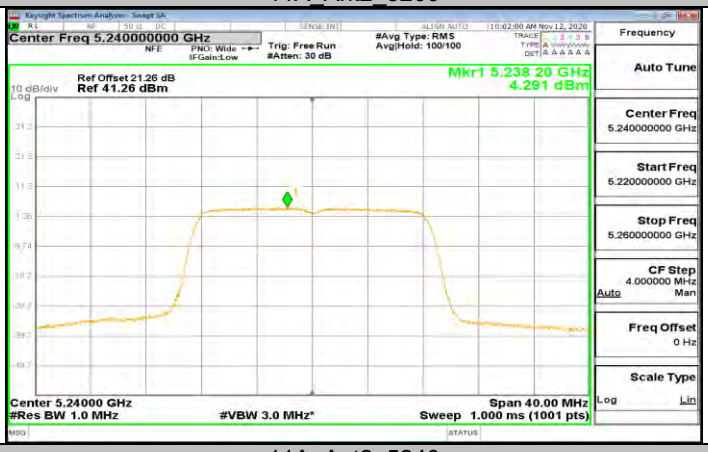
Test Graphs



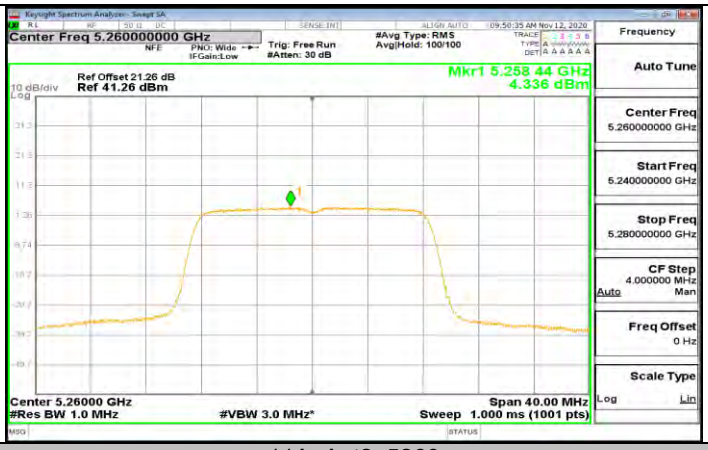
11A_Ant2_5180



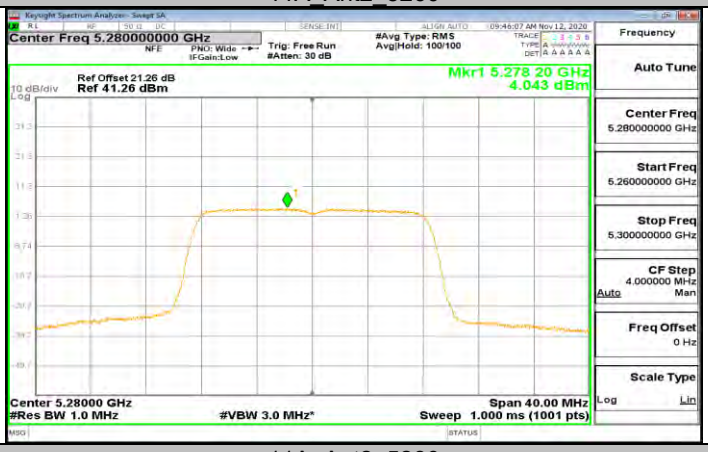
11A_Ant2_5200



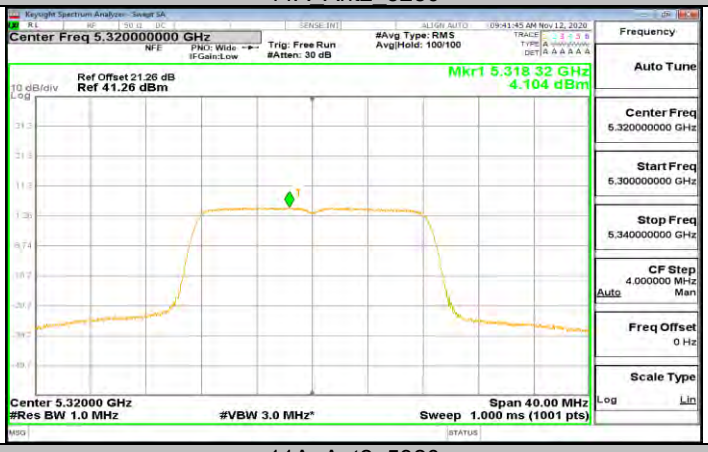
11A_Ant2_5240



11A_Ant2_5260

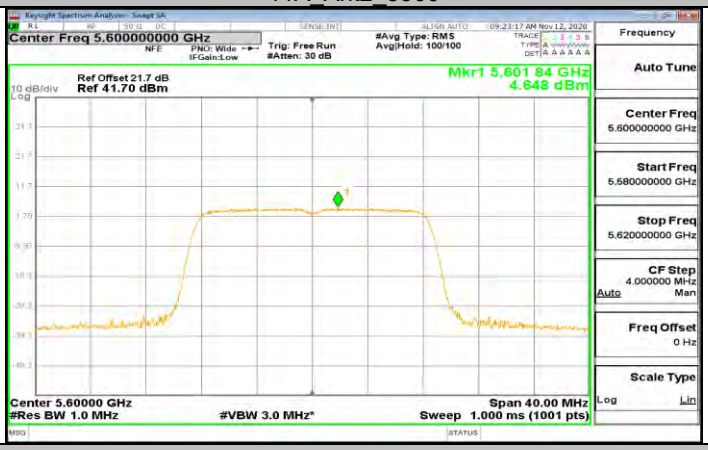


11A_Ant2_5280



11A_Ant2_5320

11A_Ant2_5500



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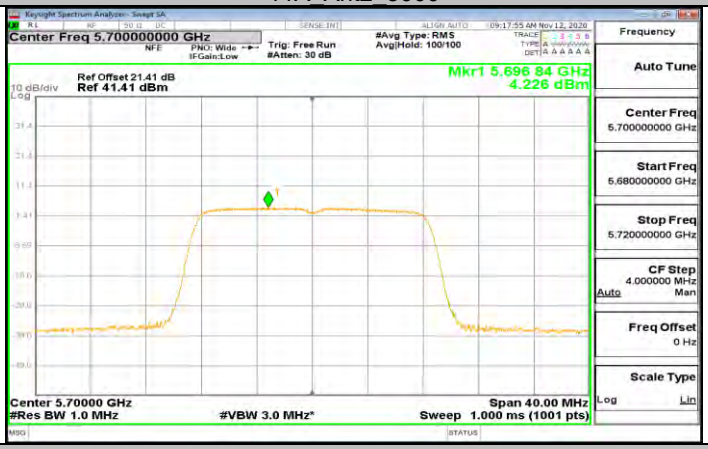
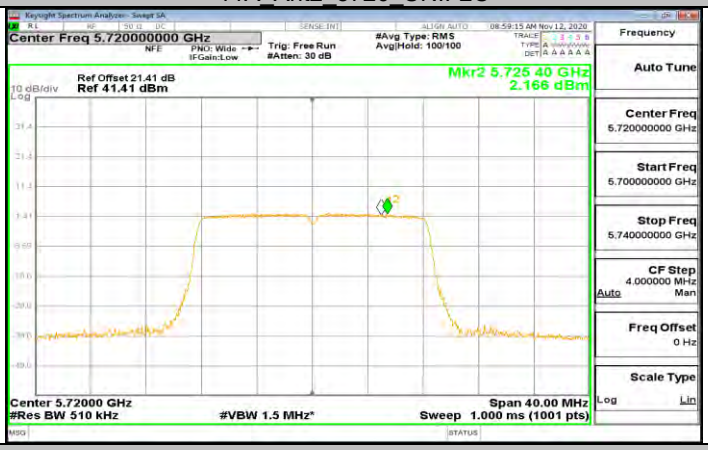


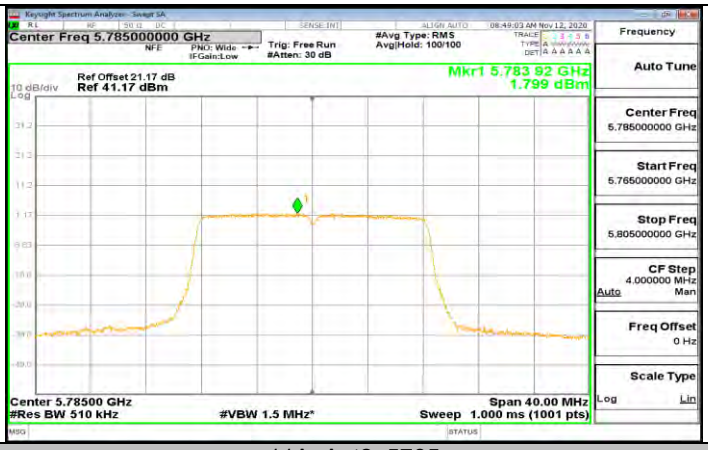
11A_Ant2_5700

11A_Ant2_5720_UNII-2C



11A_Ant2_5720_UNII-3

11A_Ant2_5745



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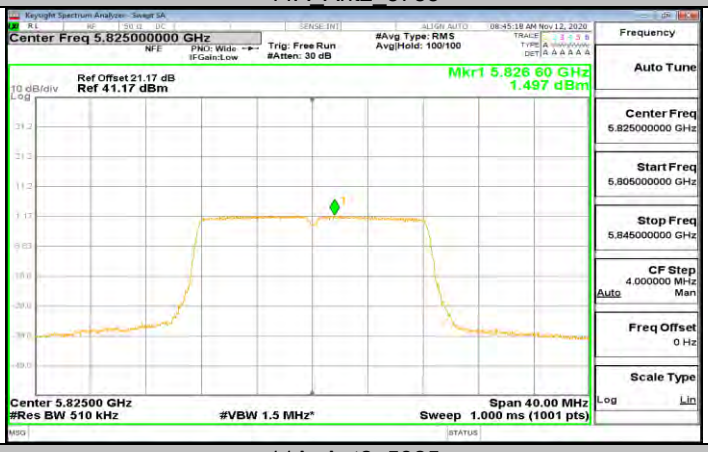
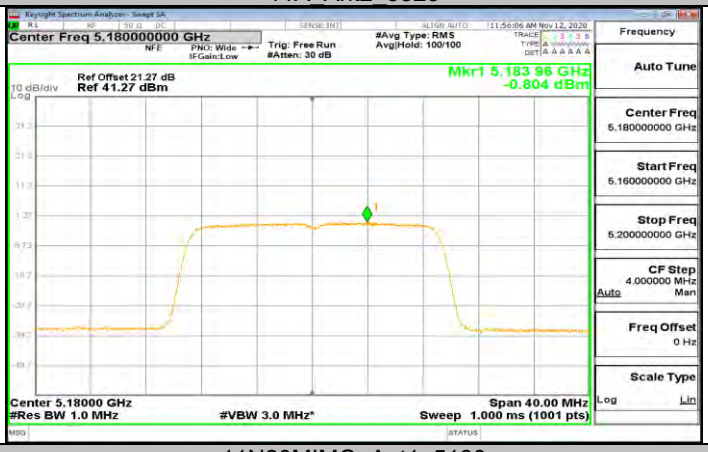
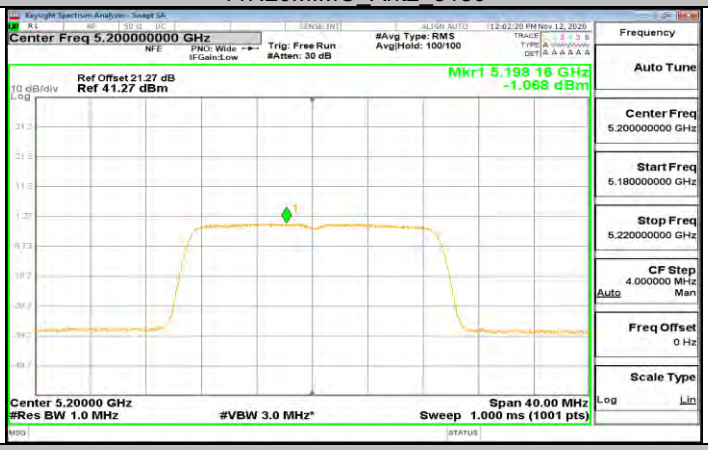


11A_Ant2_5825

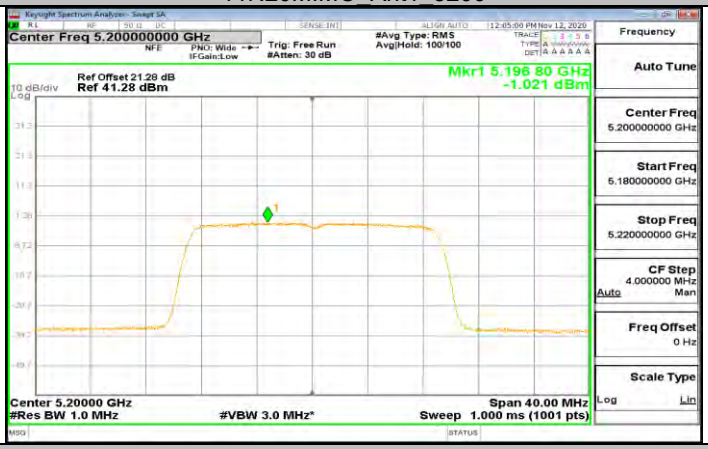


11N20MIMO_Ant1_5180

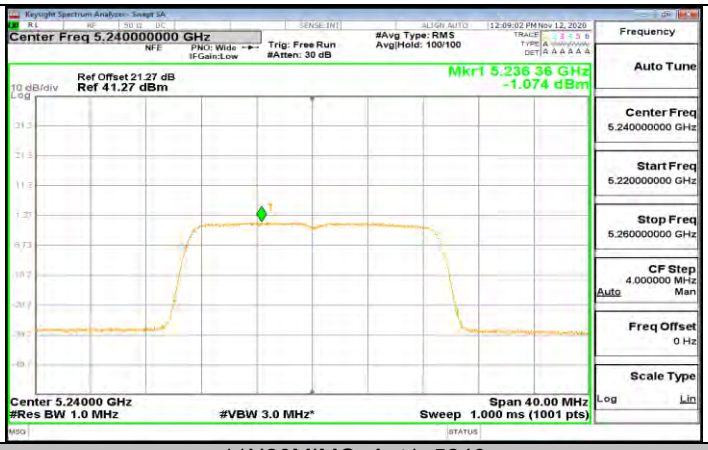
11N20MIMO_Ant2_5180



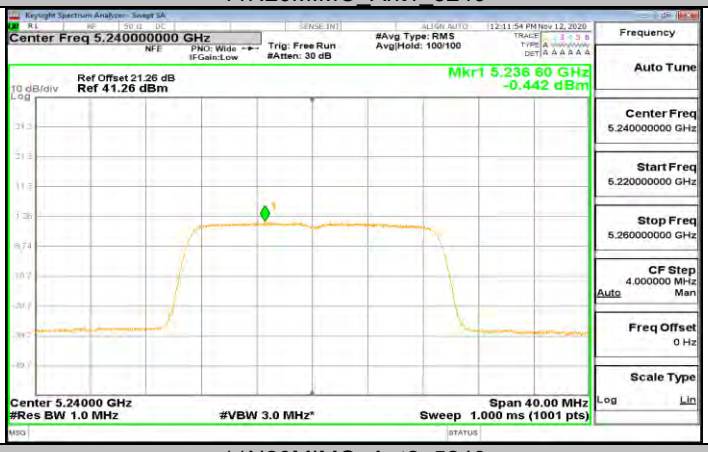
11N20MIMO_Ant1_5200



11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240



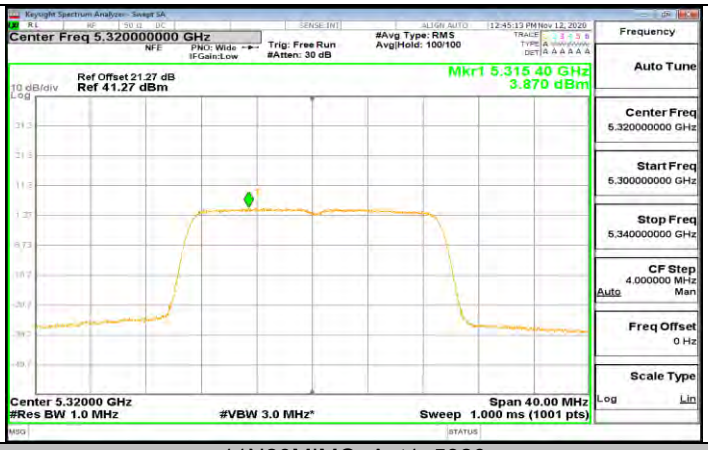
11N20MIMO_Ant2_5240

11N20MIMO_Ant1_5260

11N20MIMO_Ant2_5260

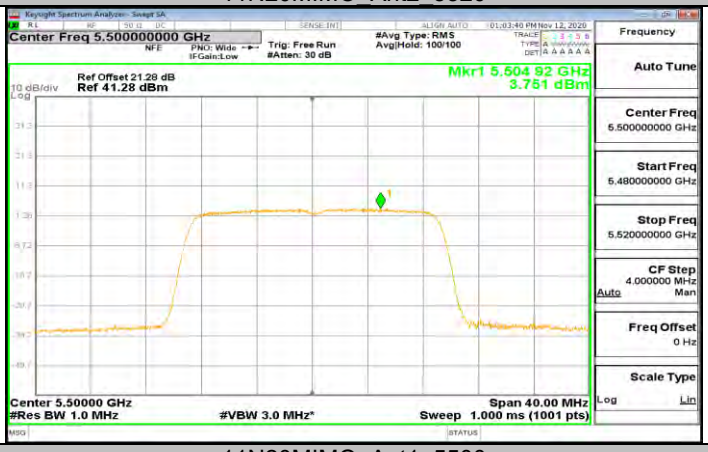
11N20MIMO_Ant1_5280

11N20MIMO_Ant2_5280



11N20MIMO_Ant1_5320

11N20MIMO_Ant2_5320



11N20MIMO_Ant1_5500

11N20MIMO_Ant2_5500

11N20MIMO_Ant1_5600

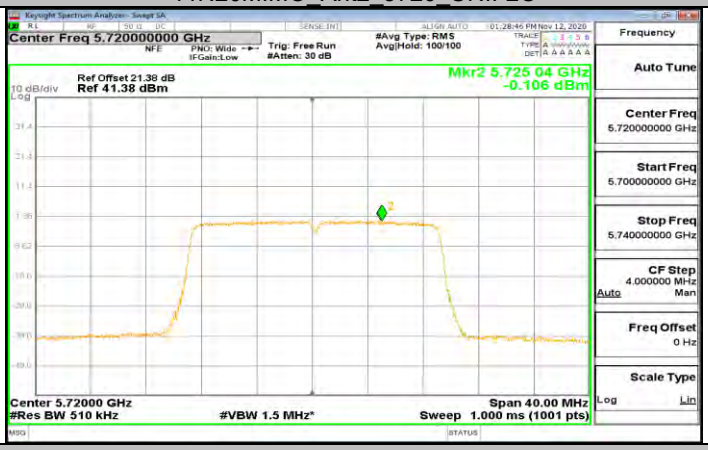
11N20MIMO_Ant2_5600

11N20MIMO_Ant1_5700

11N20MIMO_Ant2_5700

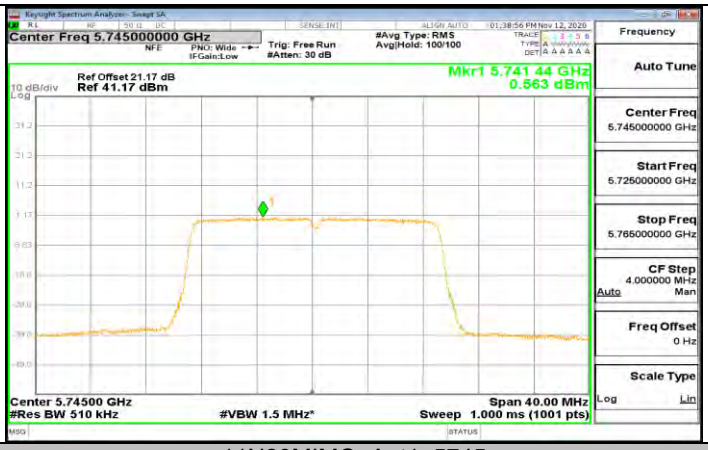
11N20MIMO_Ant1_5720_UNII-2C

11N20MIMO_Ant2_5720_UNII-2C

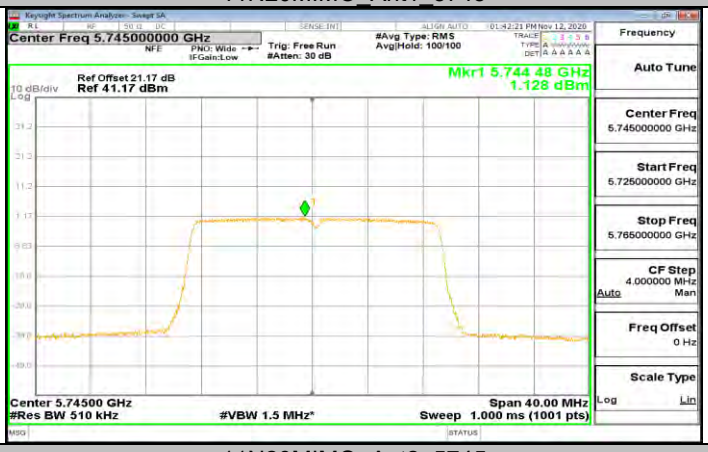


11N20MIMO_Ant1_5720_UNII-3

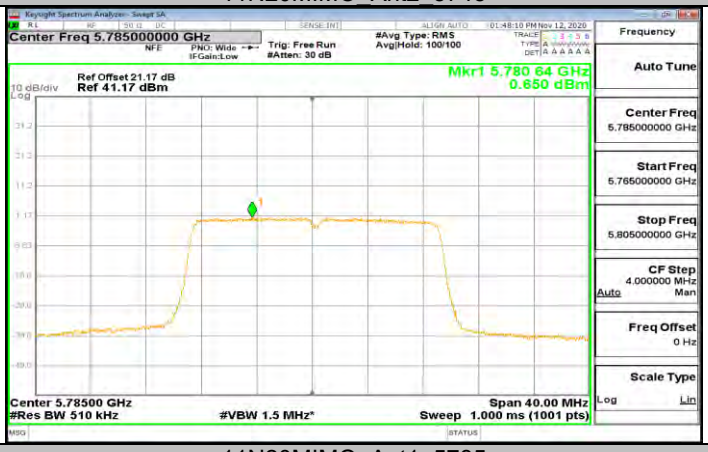
11N20MIMO_Ant2_5720_UNII-3



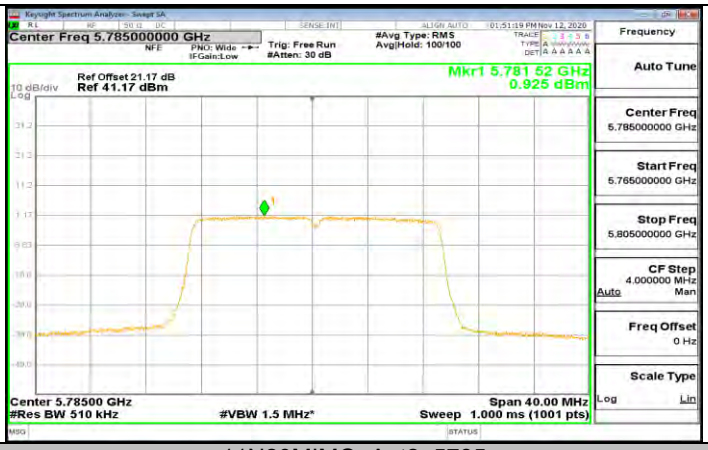
11N20MIMO_Ant1_5745



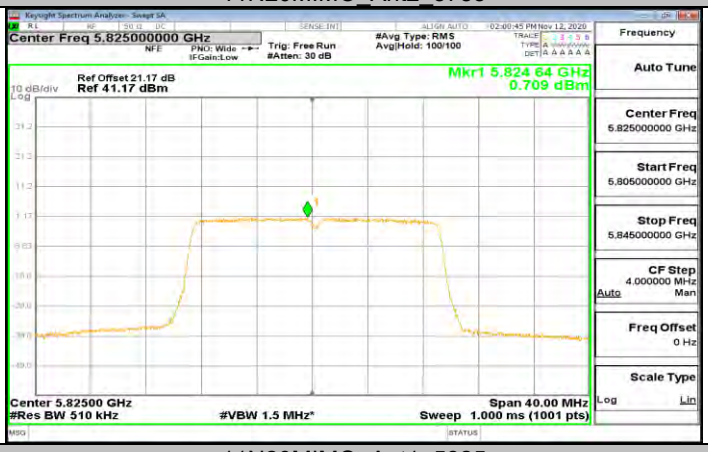
11N20MIMO_Ant2_5745



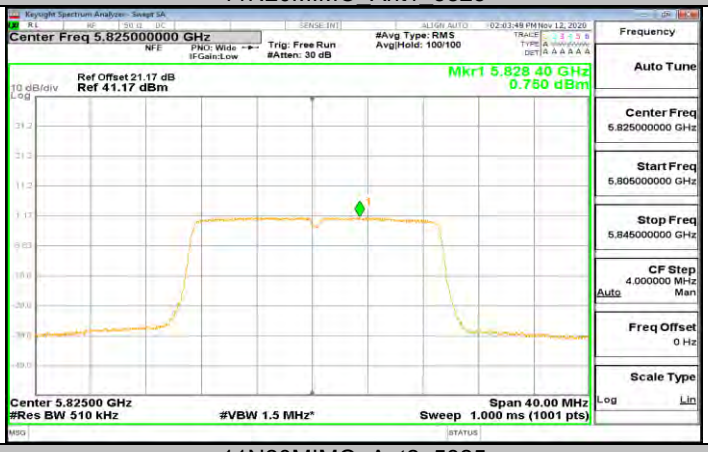
11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



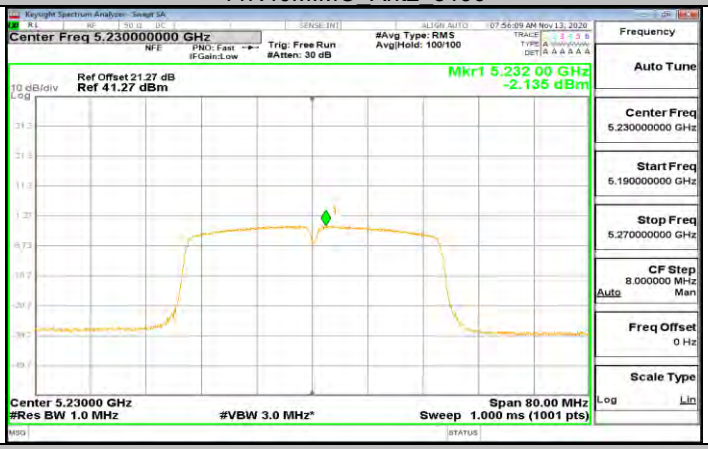
11N20MIMO_Ant1_5825



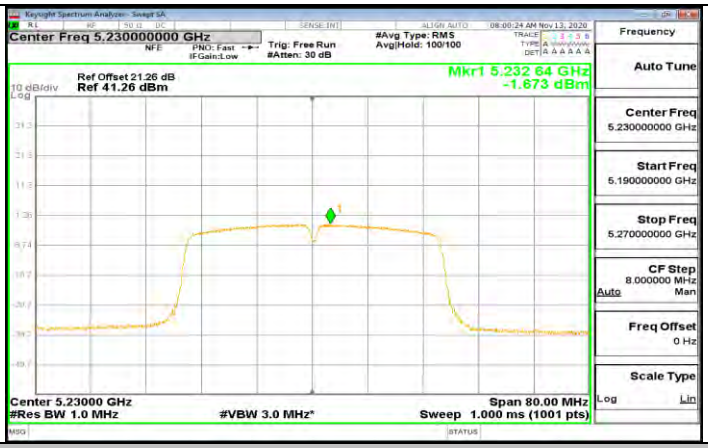
11N20MIMO_Ant2_5825

11N40MIMO_Ant1_5190

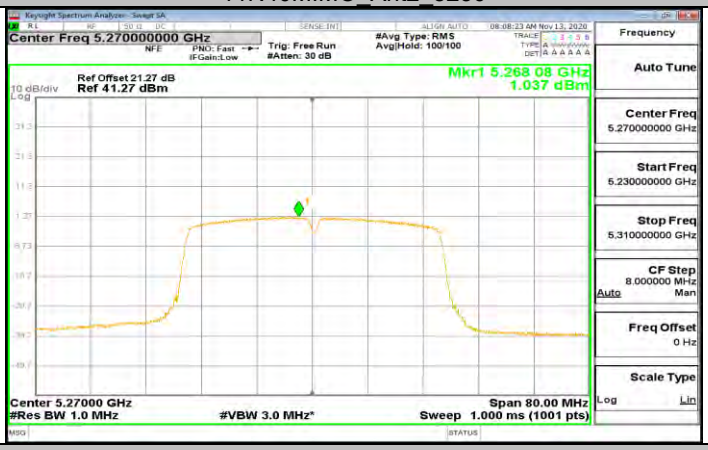
11N40MIMO_Ant2_5190



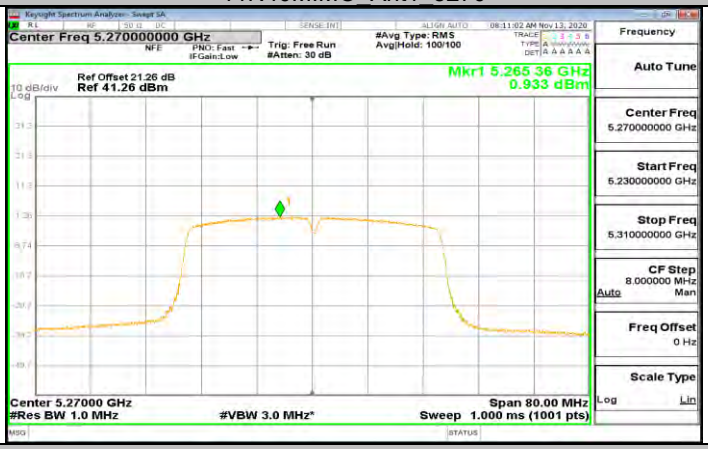
11N40MIMO_Ant1_5230



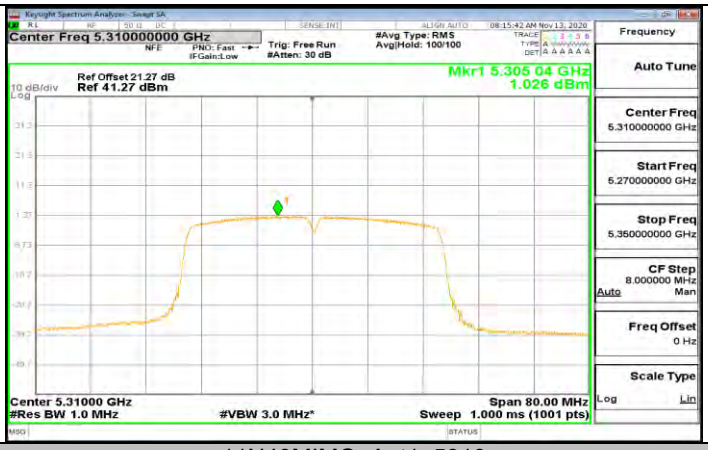
11N40MIMO_Ant2_5230



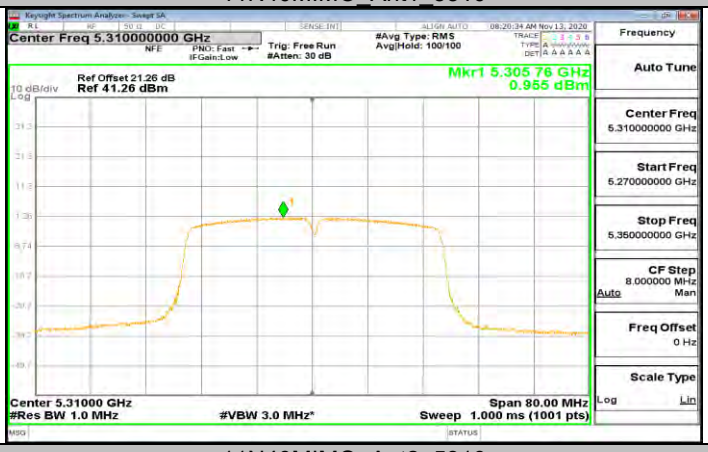
11N40MIMO_Ant1_5270



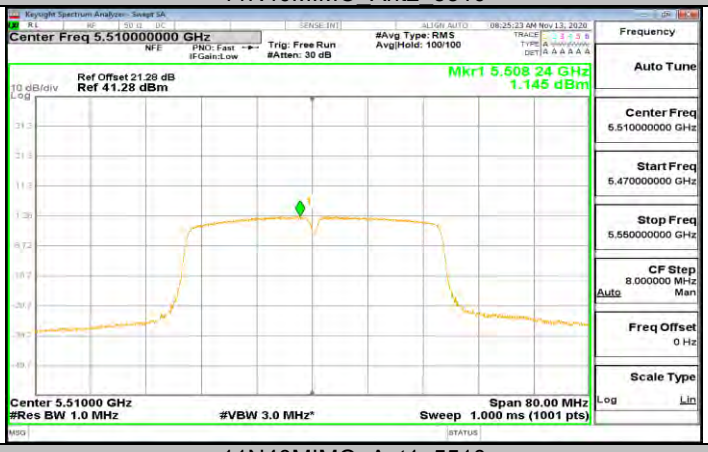
11N40MIMO_Ant2_5270



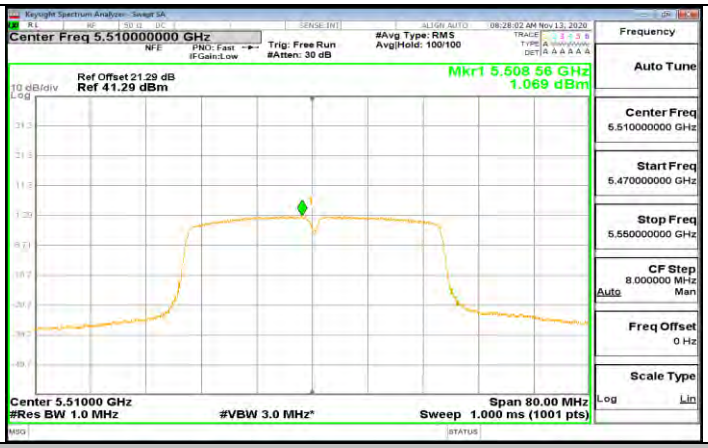
11N40MIMO_Ant1_5310



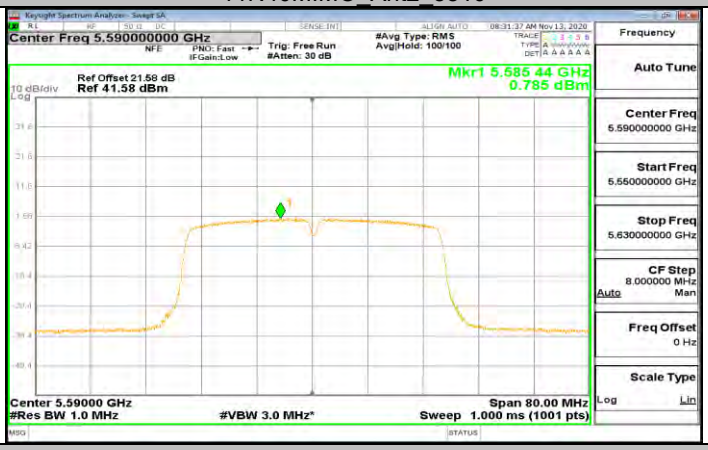
11N40MIMO_Ant2_5310



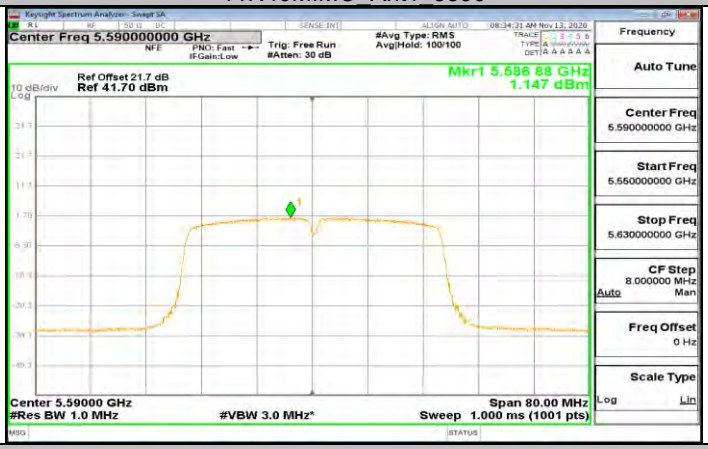
11N40MIMO_Ant1_5510



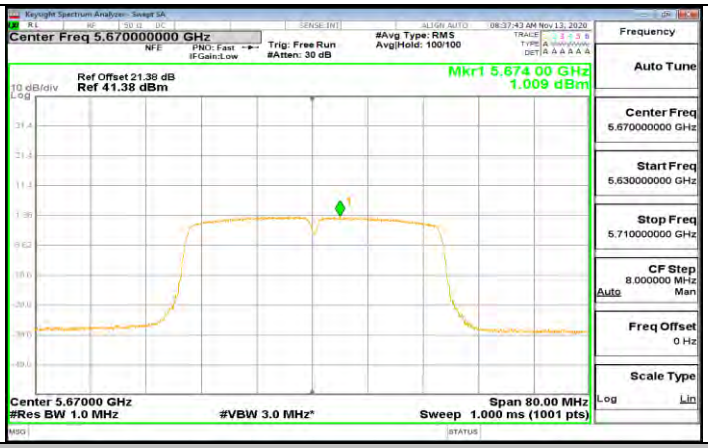
11N40MIMO_Ant2_5510



11N40MIMO_Ant1_5590



11N40MIMO_Ant2_5590



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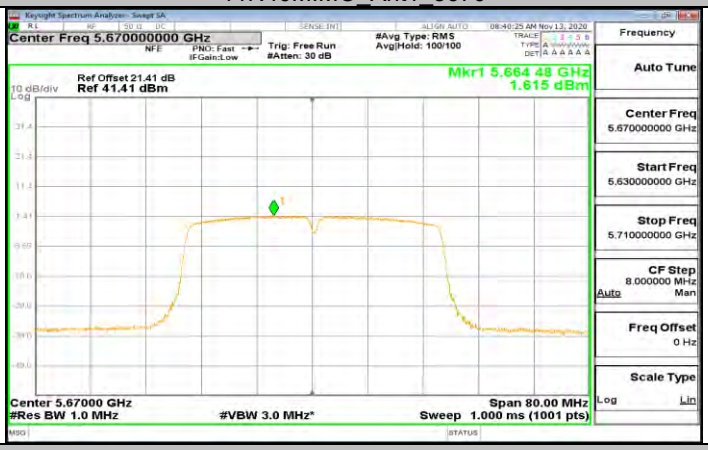

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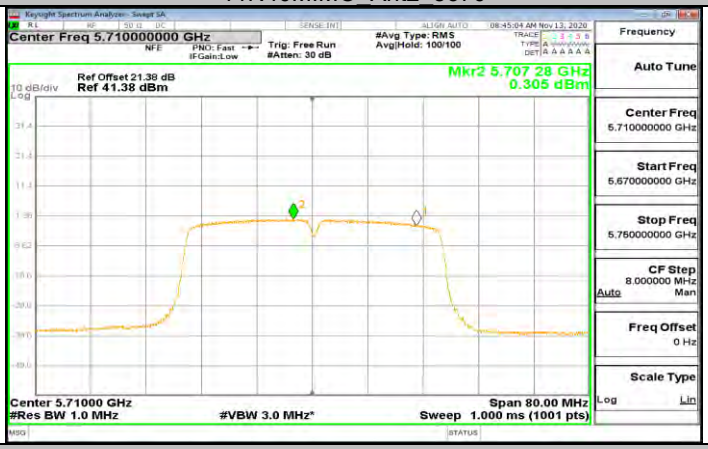

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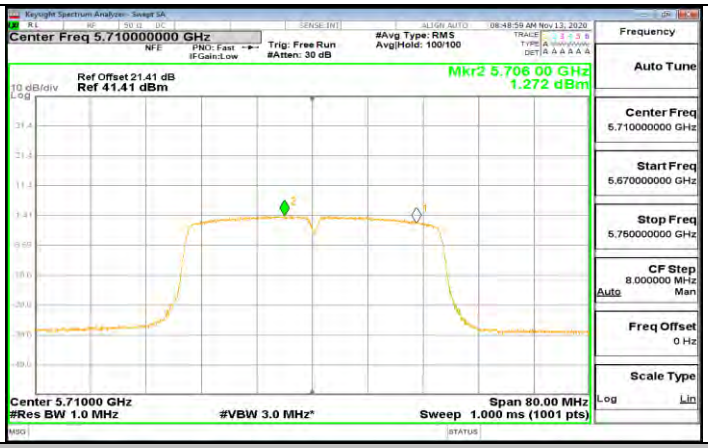

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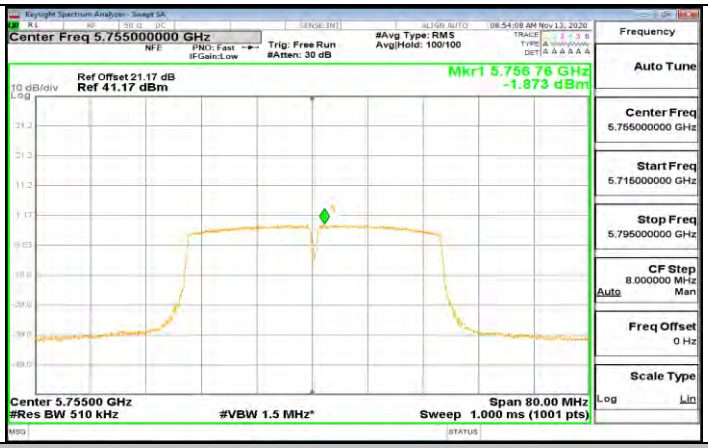
11N40MIMO_Ant1_5710_UNII-3

11N40MIMO_Ant2_5710_UNII-3



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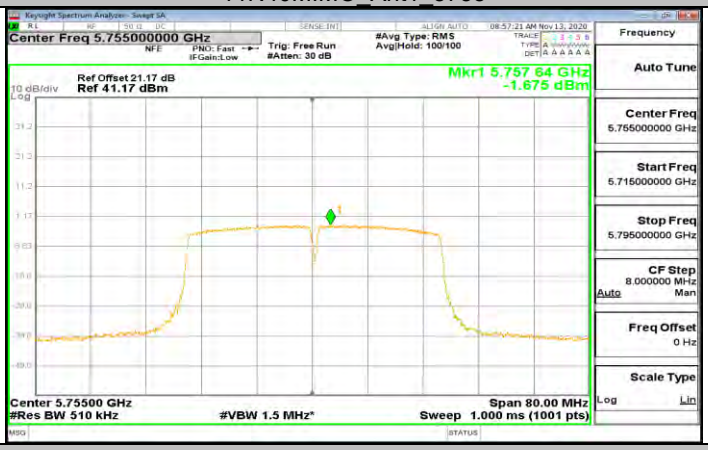

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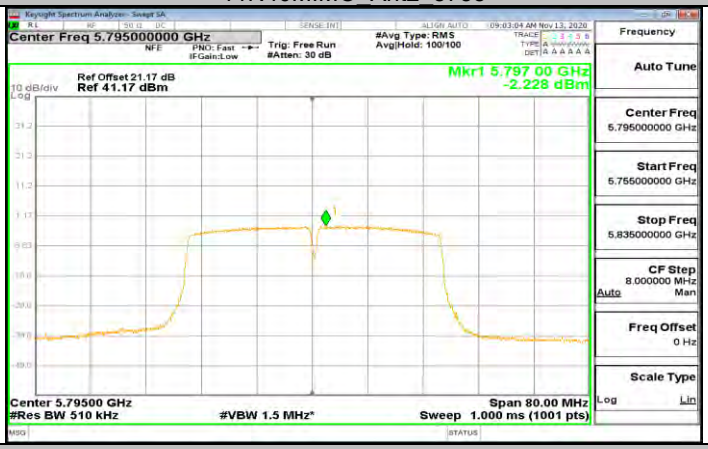

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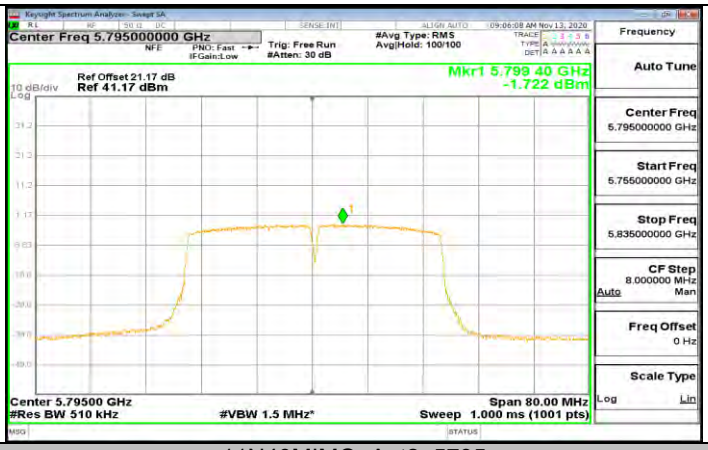

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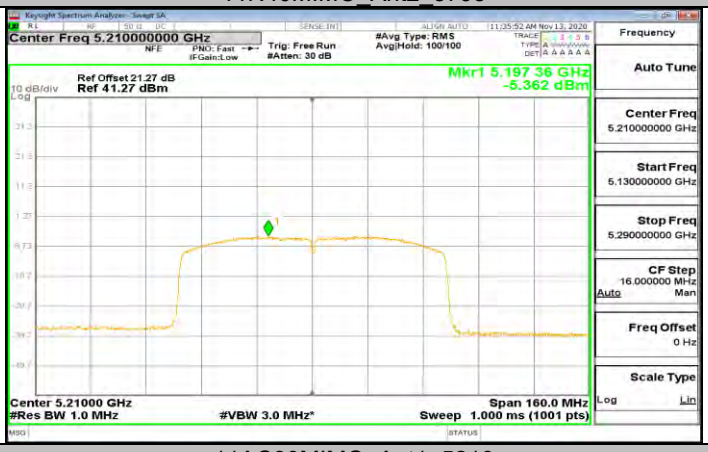

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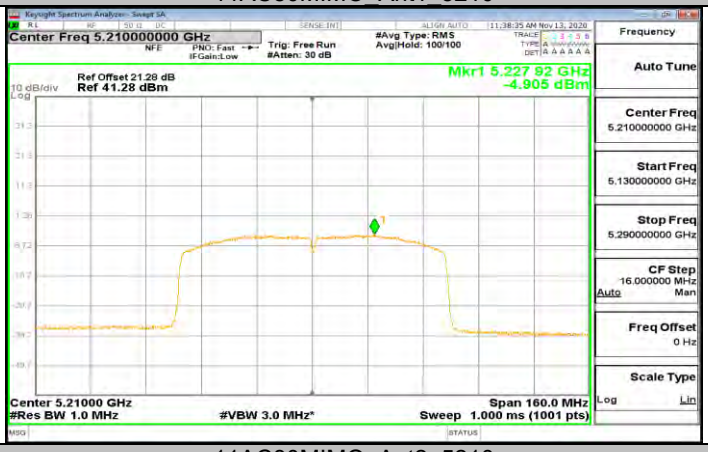

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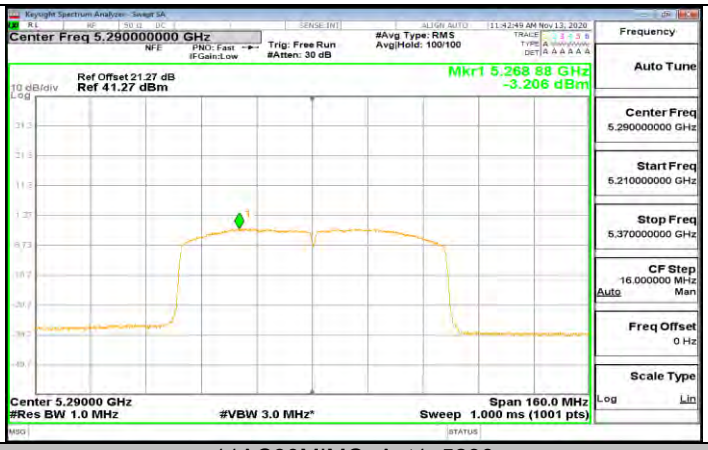

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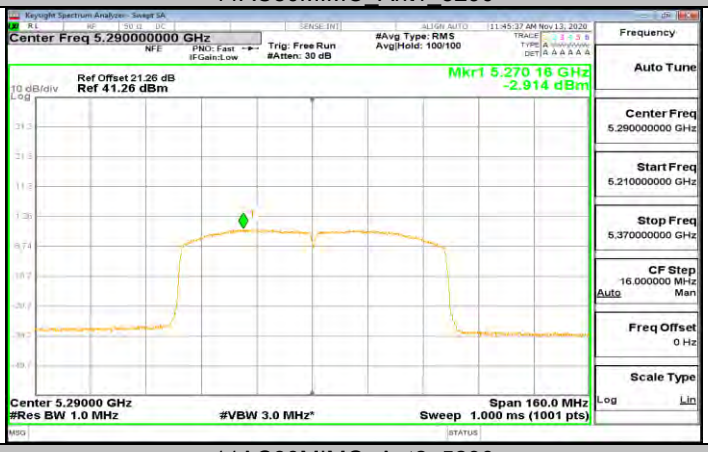

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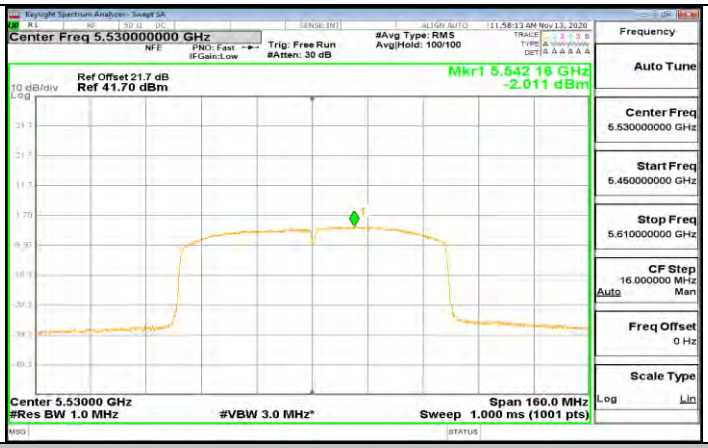
11AC80MIMO_Ant1_5530



11AC80MIMO_Ant2_5530

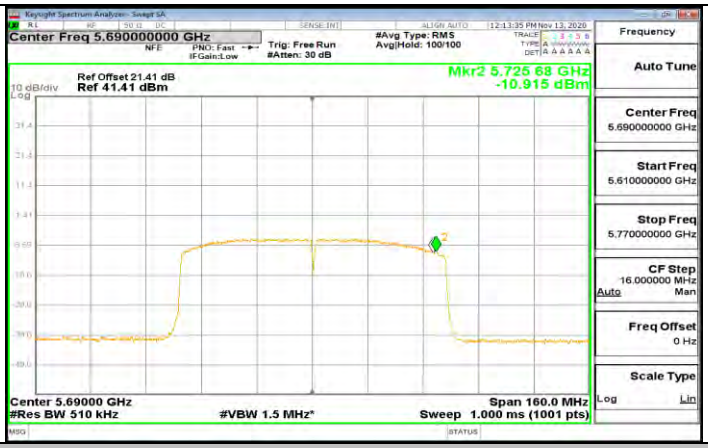
11AC80MIMO_Ant1_5610

11AC80MIMO_Ant2_5610

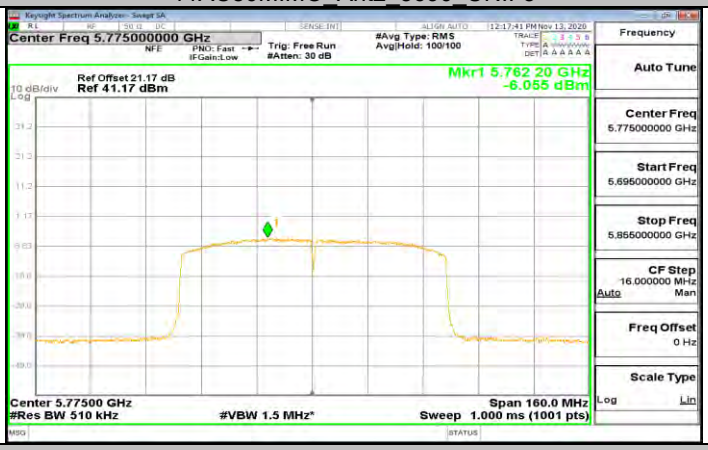
11AC80MIMO_Ant1_5690_UNII-2C

11AC80MIMO_Ant2_5690_UNII-2C

11AC80MIMO_Ant1_5690_UNII-3



11AC80MIMO_Ant2_5690_UNII-3



11AC80MIMO_Ant1_5775

11AC80MIMO_Ant2_5775

Appendix D: Duty Cycle

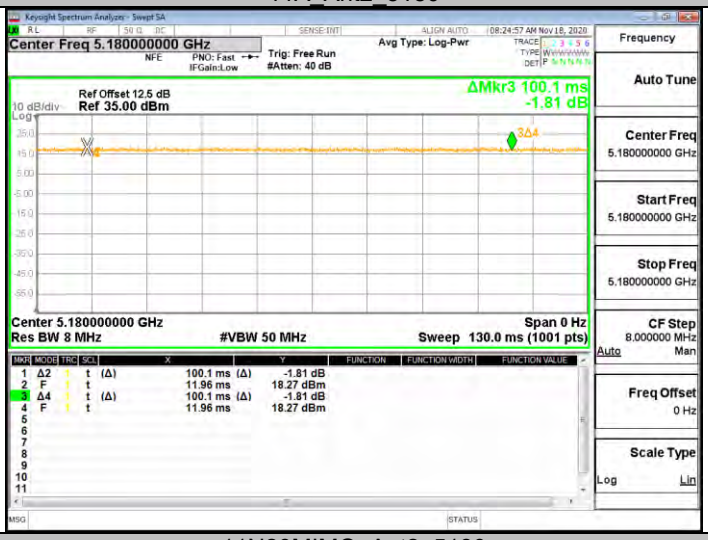
Test Result

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	100.1	100.1	1	100	0	0.01	0.01
11N20MIMO	100.1	100.1	1	100	0	0.01	0.01
11N40MIMO	100.1	100.1	1	100	0	0.01	0.01
11AC80MIMO	100.1	100.1	1	100	0	0.01	0.01

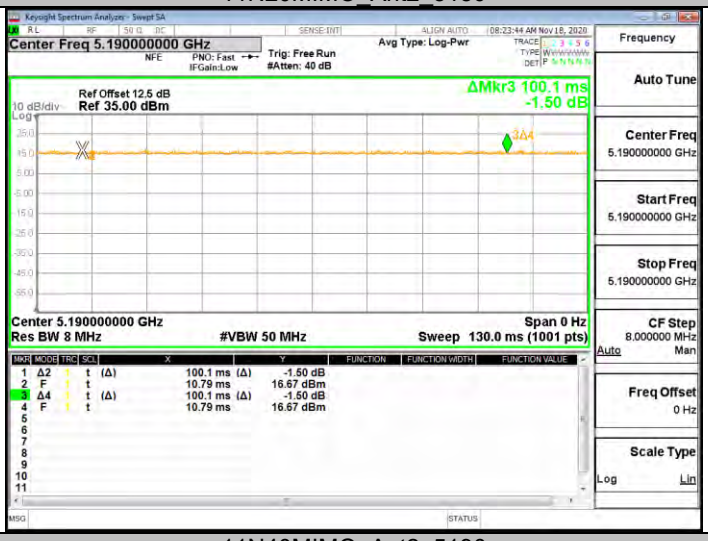
Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

Test Graphs

11A_Ant2_5180



11N20MIMO_Ant2_5180



11N40MIMO_Ant2_5190

11AC80MIMO_Ant2_5210

Appendix E FREQUENCY STABILITY

Test Result

Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
T_N	V_L	5200.0041	0.79	5199.9788	-4.07	5200.0179	3.44	5200.0008	0.15
T_N	V_N	5200.0059	1.14	5200.0232	4.45	5199.9856	-2.78	5199.9896	-2.00
T_N	V_H	5200.0057	1.10	5199.9907	-1.79	5199.9976	-0.46	5200.0012	0.23
Frequency Error vs. Temperature									
802.11a: 5200 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	V_N	5200.0176	3.39	5200.0009	0.17	5200.0186	3.58	5200.0203	3.91
30	V_N	5200.0202	3.88	5199.9979	-0.40	5199.9903	-1.86	5199.9882	-2.28
20	V_N	5200.0073	1.41	5200.0242	4.65	5199.9788	-4.07	5199.9775	-4.33
10	V_N	5200.0054	1.04	5199.9789	-4.07	5199.9922	-1.50	5200.0176	3.39
0	V_N	5199.9971	-0.56	5199.9841	-3.06	5200.0002	0.04	5200.0108	2.08

Frequency Error vs. Voltage									
802.11a: 5825 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
T_N	V_L	5824.9793	-3.55	5825.0228	3.92	5824.9920	-1.38	5824.9841	-2.72
T_N	V_N	5825.0151	2.59	5825.0239	4.11	5824.9862	-2.37	5824.9791	-3.58
T_N	V_H	5824.9766	-4.01	5825.0048	0.83	5824.9787	-3.66	5825.0234	4.02
Frequency Error vs. Temperature									
802.11a:5825MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	V_N	5825.0093	1.60	5824.9969	-0.53	5825.0100	1.71	5825.0001	0.01
30	V_N	5825.0184	3.16	5824.9835	-2.84	5824.9888	-1.93	5824.9872	-2.20
20	V_N	5825.0055	0.94	5825.0202	3.47	5824.9885	-1.98	5825.0210	3.60
10	V_N	5825.0127	2.18	5824.9797	-3.49	5825.0181	3.11	5824.9958	-0.72
0	V_N	5824.9984	-0.28	5825.0027	0.46	5825.0077	1.33	5824.9883	-2.01

Note: All the modes have been tested, only the worst data was recorded in the report.

Appendix F DYNAMIC FREQUENCY SELECTION

Summary

Test	Frequency (MHz)	Nominal Power (dBm)	Nominal Bandwidth (MHz)	Result
DFS In-Service Monitoring	5530.000	18.0	80.000000	PASS

DFS In-Service Monitoring (5530 MHz; 22.000 dBm; 80 MHz)

Test according to FCC title 47 part 15 §15.407(h), KDB 905462 D02 U-NII DFS Compliance Procedures New Rules v02

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Type of Measurement value	Overall Result
5530.000000	0	First of all Transmitt Test	---
5530.000000	0	Channel Move Time	PASS
5530.000000	0	Channel Closing Transmission Time	PASS
5530.000000	0	Non-occupancy period	PASS

(continuation of the "Measurement Summary" table from column 4 ...)

DUT Frequency (MHz)	Overall Comment
5530.000000	not performed / not finished
5530.000000	
5530.000000	
5530.000000	

Channel Move Time Detailed Results

DUT Frequency (MHz)	Radar Type No.	CMT Tx Time (s)	CMT Limit (s)	CMT Result
5530.000000	0	0.487	10.000	PASS

(continuation of the "Channel Move Time Detailed Results" table from column 5 ...)

DUT Frequency (MHz)	CMT Comment
5530.000000	Tx Time value is last trailing edge found within sweep. See Note 1.

Channel Closing Transmission Time Detailed Results

DUT Frequency (MHz)	Radar Type No.	CCTT Type of Value	CCTT No. of Pulses found	CCTT Tx Time (ms)
5530.000000	0	first 200 ms	3	1.028
5530.000000	0	remaining 10.0 second(s) period	3	1.464

(continuation of the "Channel Closing Transmission Time Detailed Results" table from column 5 ...)

DUT Frequency (MHz)	CCTT Tx Time Limit (ms)	CCTT Result	CCTT Comment
5530.000000	200.000	PASS	See Note 1.
5530.000000	60.000	PASS	See Note 1.

Non-occupancy period Detailed Results

DUT Frequency (MHz)	Radar Type No.	NOP No. of Pulses found	NOP No. of Pulses Limit	NOP Tx Time (s)	NOP Tx Time Limit (s)
5530.000000	0	0	0	0.000	0.000

(continuation of the "Non-occupancy period Detailed Results" table from column 6 ...)

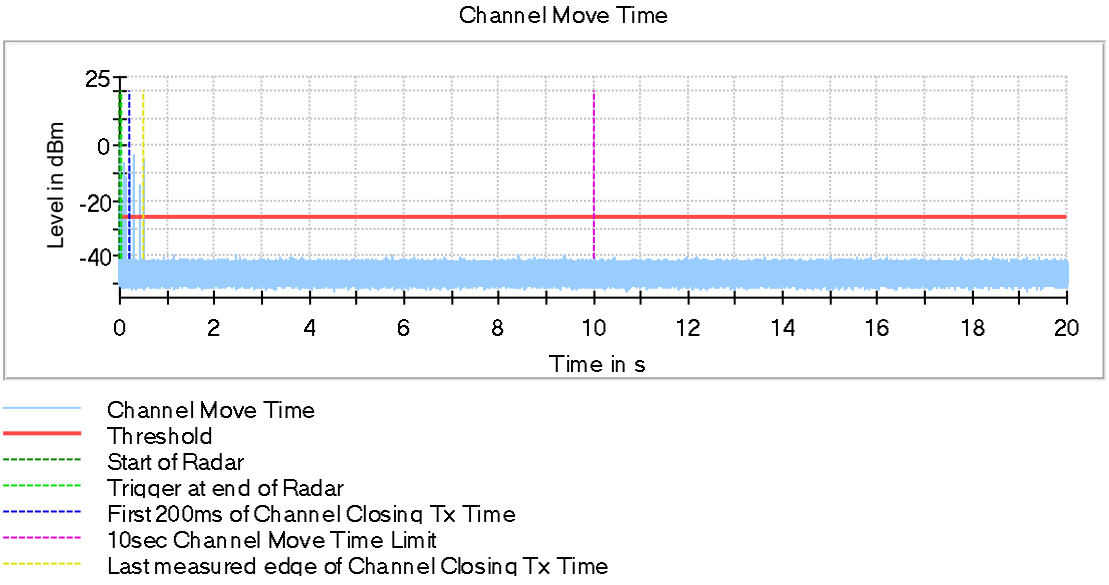
DUT Frequency (MHz)	NOP Result	NOP Comment
5530.000000	PASS	not performed because of Channel Closing Transmission Time / Channel Move Time Test failed

Transmitting Test Detailed Results

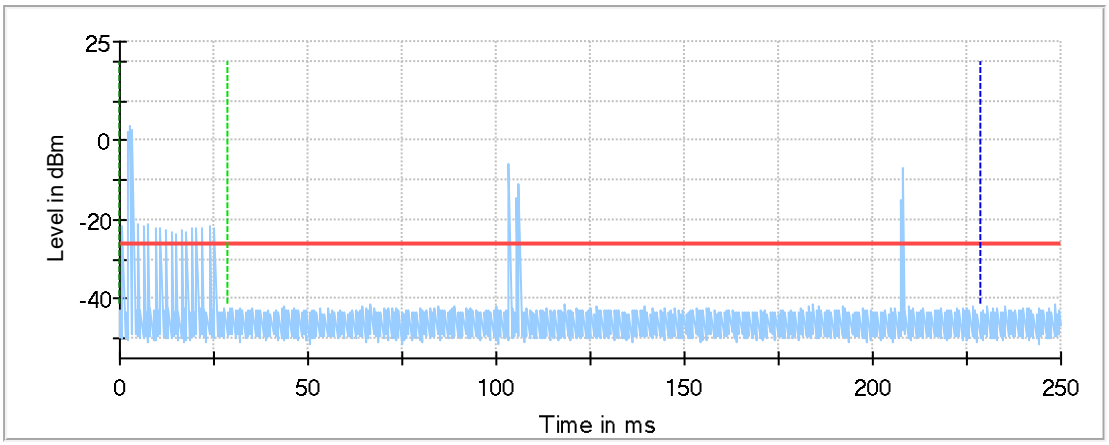
DUT Frequency (MHz)	Tx-Test Result	Tx-Test Comment
5530.000000	---	not performed / not finished

Additional Information

Note	Description
Note 1:	Because of the radar pulse event at the beginning, the investigation of the trace begins with an offset of 28.7 ms conforming to the end of the Radar burst.
Note 2:	Channel move time (CMT) / channel closing transmission time (CCTT) measurement was made with hi resolution video sweep using OSP DAQ channel
Note 3:	Because of the substantially higher sampling rate of the video signal the results for CCTT and CMT are more accurate than in the graphics visible. Reached timing accuracy of the video trace: approx 4 µs
Note 4:	The Non-Occupancy Period trace starts at the end of the Channel move time trace (20.000 secs.) Labeling of the x-axis (time) is relative to its beginning (0 secs.)

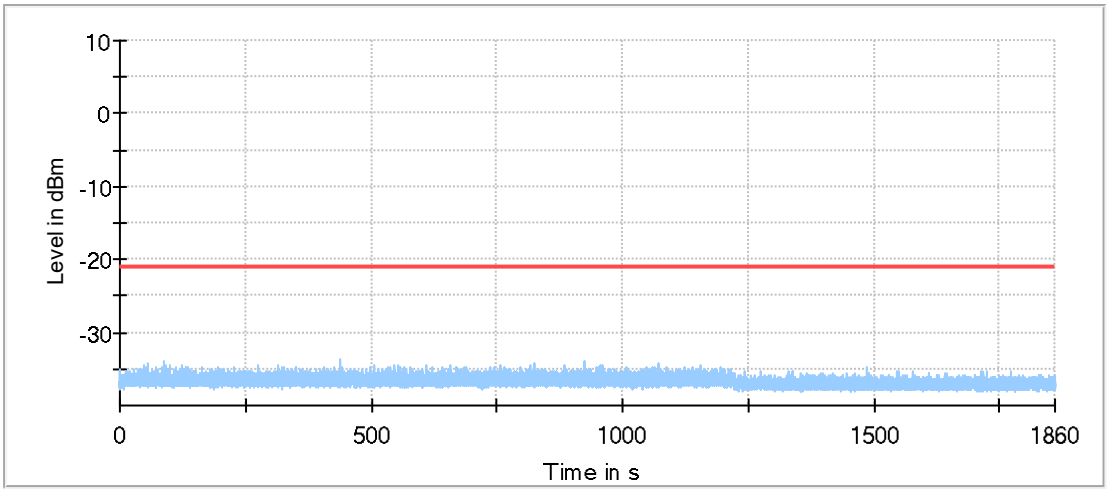


Channel Move Time first 200ms



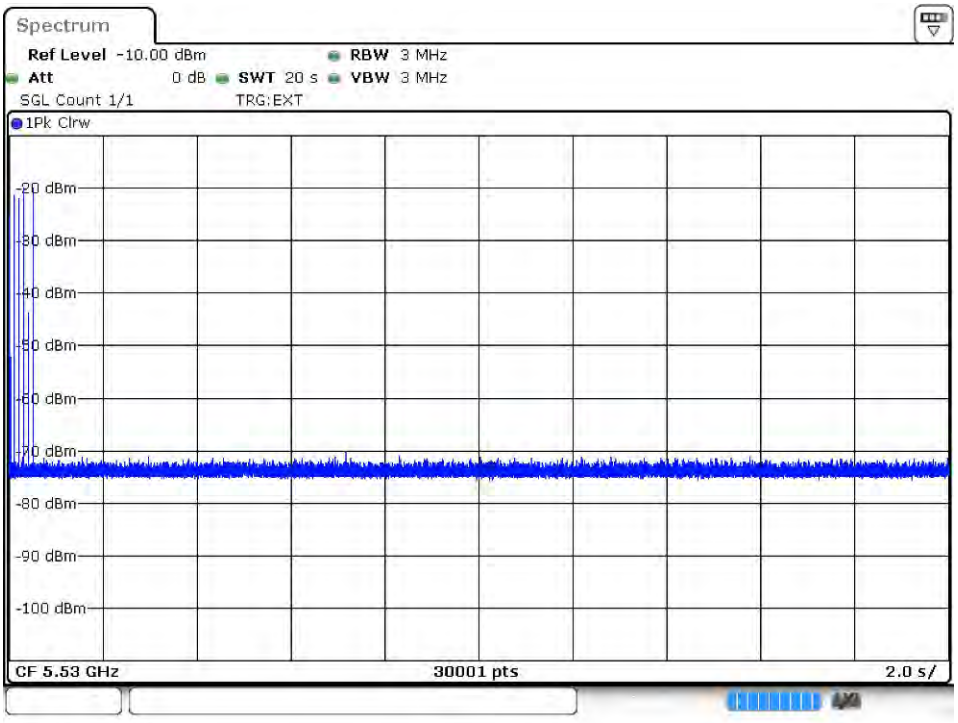
Channel Move Time first 200ms
Start of Radar
First 200ms of Channel Closing Tx Time
Threshold
Trigger at end of Radar

Non-occupancy period



Non-occupancy period
Threshold

Channel Move Time



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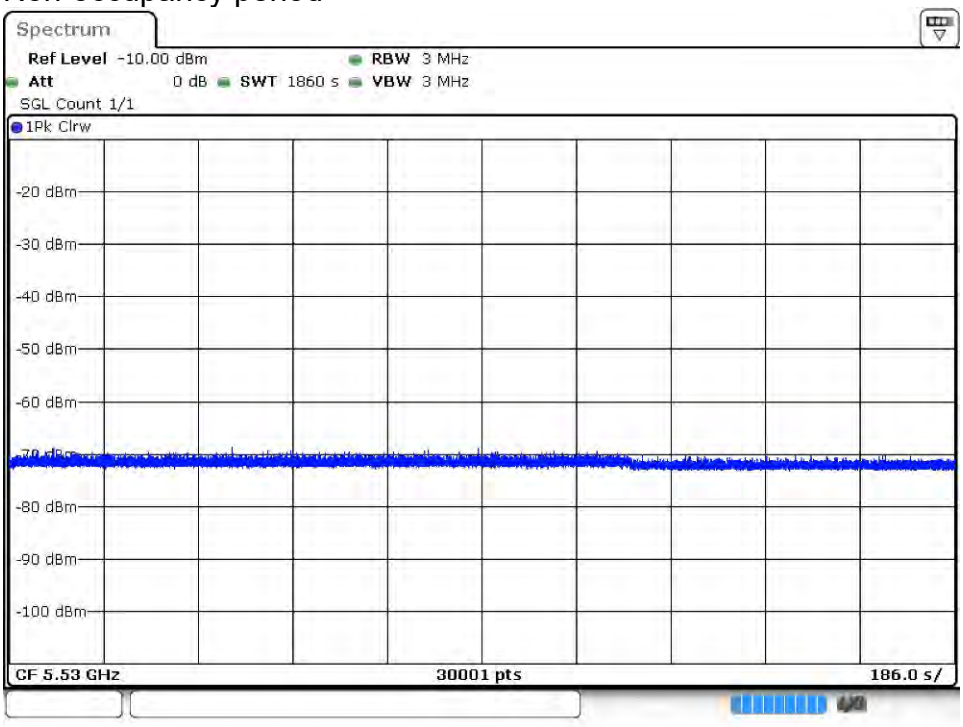
Non-occupancy period



Date: 25.NOV.2020 05:22:13

END OF REPORT