

8	15960	44.38	7.78	52.16	74.00	-21.84	Peak	Vertical
5G_A_5500 MHz 11000 MHz 16500 MHz								
1	11000	42.38	4.57	46.95	54.00	-7.05	Average	Horizontal
2	11000	59.12	4.57	63.69	74.00	-10.31	Peak	Horizontal
3	16500	31.40	7.91	39.31	54.00	-14.69	Average	Horizontal
4	16500	44.22	7.91	52.13	74.00	-21.87	Peak	Horizontal
5	11000	42.38	4.57	46.95	54.00	-7.05	Average	Horizontal
6	11000	52.74	4.57	57.31	74.00	-16.69	Peak	Vertical
7	16500	31.40	7.91	39.31	54.00	-14.69	Average	Horizontal
8	16500	44.13	7.91	52.04	74.00	-21.96	Peak	Vertical
5G_A_5600 MHz 11200 MHz 16800 MHz								
1	11200	37.02	4.71	41.73	54.00	-12.27	Average	Horizontal
2	11200	51.80	4.71	56.51	74.00	-17.49	Peak	Horizontal
3	16800	31.12	7.98	39.10	54.00	-14.90	Average	Horizontal
4	16800	43.48	7.98	51.46	74.00	-22.54	Peak	Horizontal
5	11200	37.02	4.71	41.73	54.00	-12.27	Average	Horizontal
6	11200	46.59	4.71	51.30	74.00	-22.70	Peak	Vertical
7	16800	31.12	7.98	39.10	54.00	-14.90	Average	Horizontal
8	16800	43.30	7.98	51.28	74.00	-22.72	Peak	Vertical
5G_A_5700 MHz 11400 MHz 17100 MHz								
1	11400	35.72	4.85	40.57	54.00	-13.43	Average	Horizontal
2	11400	51.36	4.85	56.21	74.00	-17.79	Peak	Horizontal
3	17100	31.01	8.22	39.23	54.00	-14.77	Average	Horizontal
4	17100	45.06	8.22	53.28	74.00	-20.72	Peak	Horizontal
5	11400	33.24	4.85	38.09	54.00	-15.91	Average	Vertical
6	11400	47.04	4.85	51.89	74.00	-22.11	Peak	Vertical
7	17100	30.97	8.22	39.19	54.00	-14.81	Average	Vertical
8	17100	43.87	8.22	52.09	74.00	-21.91	Peak	Vertical
5G_A_5745 MHz 11490 MHz 17235 MHz								
1	11490	35.00	4.91	39.91	54.00	-14.09	Average	Horizontal
2	11490	53.43	4.91	58.34	74.00	-15.66	Peak	Horizontal
3	17235	31.18	8.49	39.67	54.00	-14.33	Average	Horizontal
4	17235	43.92	8.49	52.41	74.00	-21.59	Peak	Horizontal
5	11490	33.48	4.91	38.39	54.00	-15.61	Average	Vertical
6	11490	49.17	4.91	54.08	74.00	-19.92	Peak	Vertical
7	17235	31.10	8.49	39.59	54.00	-14.41	Average	Vertical
8	17235	43.77	8.49	52.26	74.00	-21.74	Peak	Vertical
5G_A_5785 MHz 11570 MHz 17355 MHz								
1	11570	38.21	5.01	43.22	54.00	-10.78	Average	Horizontal
2	11570	55.15	5.01	60.16	74.00	-13.84	Peak	Horizontal
3	17355	30.98	8.72	39.70	54.00	-14.30	Average	Horizontal
4	17355	44.19	8.72	52.91	74.00	-21.09	Peak	Horizontal
5	11570	34.63	5.01	39.64	54.00	-14.36	Average	Vertical
6	11570	49.94	5.01	54.95	74.00	-19.05	Peak	Vertical
7	17355	30.90	8.72	39.62	54.00	-14.38	Average	Vertical
8	17355	43.51	8.72	52.23	74.00	-21.77	Peak	Vertical
5G_A_5825 MHz 11650 MHz 17475 MHz								
1	11650	38.79	5.13	43.92	54.00	-10.08	Average	Horizontal
2	11650	55.80	5.13	60.93	74.00	-13.07	Peak	Horizontal
3	17475	29.31	8.97	38.28	54.00	-15.72	Average	Horizontal
4	17475	41.57	8.97	50.54	74.00	-23.46	Peak	Horizontal
5	11650	35.36	5.13	40.49	54.00	-13.51	Average	Vertical
6	11650	50.90	5.13	56.03	74.00	-17.97	Peak	Vertical
7	17475	29.26	8.97	38.23	54.00	-15.77	Average	Vertical
8	17475	41.58	8.97	50.55	74.00	-23.45	Peak	Vertical
5G_N20_5180 MHz 10360 MHz 15540 MHz								
1	10360	45.95	4.78	50.73	54.00	-3.27	Average	Horizontal

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2	10360	63.64	4.78	68.42	74.00	-5.58	Peak	Horizontal
3	15540	30.97	8.63	39.60	54.00	-14.40	Average	Horizontal
4	15540	44.07	8.63	52.70	74.00	-21.30	Peak	Horizontal
5	10360	41.29	4.78	46.07	54.00	-7.93	Average	Vertical
6	10360	59.01	4.78	63.79	74.00	-10.21	Peak	Vertical
7	15540	30.85	8.63	39.48	54.00	-14.52	Average	Vertical
8	15540	43.12	8.63	51.75	74.00	-22.25	Peak	Vertical
5G_N20_5200 MHz 10400 MHz 15600 MHz								
1	10400	46.27	4.83	51.10	54.00	-2.90	Average	Horizontal
2	10400	63.76	4.83	68.59	74.00	-5.41	Peak	Horizontal
3	15600	31.14	8.51	39.65	54.00	-14.35	Average	Horizontal
4	15600	44.30	8.51	52.81	74.00	-21.19	Peak	Horizontal
5	10400	40.47	4.83	45.30	54.00	-8.70	Average	Vertical
6	10400	56.77	4.83	61.60	74.00	-12.40	Peak	Vertical
7	15600	31.05	8.51	39.56	54.00	-14.44	Average	Vertical
8	15600	43.53	8.51	52.04	74.00	-21.96	Peak	Vertical
5G_N20_5240 MHz 10480 MHz 15720 MHz								
1	10480	43.85	4.94	48.79	54.00	-5.21	Average	Horizontal
2	10480	62.64	4.94	67.58	74.00	-6.42	Peak	Horizontal
3	15720	31.49	8.26	39.75	54.00	-14.25	Average	Horizontal
4	15720	43.68	8.26	51.94	74.00	-22.06	Peak	Horizontal
5	10480	39.86	4.94	44.80	54.00	-9.20	Average	Vertical
6	10480	57.73	4.94	62.67	74.00	-11.33	Peak	Vertical
7	15720	31.45	8.26	39.71	54.00	-14.29	Average	Vertical
8	15720	44.08	8.26	52.34	74.00	-21.66	Peak	Vertical
5G_N20_5260 MHz 10520 MHz 15780 MHz								
1	10520	43.49	4.95	48.44	54.00	-5.56	Average	Horizontal
2	10520	61.47	4.95	66.42	74.00	-7.58	Peak	Horizontal
3	15780	31.75	8.15	39.90	54.00	-14.10	Average	Horizontal
4	15780	46.12	8.15	54.27	74.00	-19.73	Peak	Horizontal
5	10520	39.00	4.95	43.95	54.00	-10.05	Average	Vertical
6	10520	56.88	4.95	61.83	74.00	-12.17	Peak	Vertical
7	15780	31.56	8.15	39.71	54.00	-14.29	Average	Vertical
8	15780	43.78	8.15	51.93	74.00	-22.07	Peak	Vertical
5G_N20_5280 MHz 10560 MHz 15840 MHz								
1	10560	44.42	4.93	49.35	54.00	-4.65	Average	Horizontal
2	10560	62.45	4.93	67.38	74.00	-6.62	Peak	Horizontal
3	15840	30.95	8.02	38.97	54.00	-15.03	Average	Horizontal
4	15840	43.68	8.02	51.70	74.00	-22.30	Peak	Horizontal
5	10560	39.56	4.93	44.49	54.00	-9.51	Average	Vertical
6	10560	55.93	4.93	60.86	74.00	-13.14	Peak	Vertical
7	15840	31.03	8.02	39.05	54.00	-14.95	Average	Vertical
8	15840	43.87	8.02	51.89	74.00	-22.11	Peak	Vertical
5G_N20_5320 MHz 10640 MHz 15960 MHz								
1	10640	41.34	4.85	46.19	54.00	-7.81	Average	Horizontal
2	10640	59.55	4.85	64.40	74.00	-9.60	Peak	Horizontal
3	15960	30.96	7.78	38.74	54.00	-15.26	Average	Horizontal
4	15960	46.04	7.78	53.82	74.00	-20.18	Peak	Horizontal
5	10640	38.31	4.85	43.16	54.00	-10.84	Average	Vertical
6	10640	55.02	4.85	59.87	74.00	-14.13	Peak	Vertical
7	15960	30.41	7.78	38.19	54.00	-15.81	Average	Vertical
8	15960	43.53	7.78	51.31	74.00	-22.69	Peak	Vertical
5G_N20_5500 MHz 11000 MHz 16500 MHz								
1	11000	43.78	4.57	48.35	54.00	-5.65	Average	Horizontal
2	11000	59.32	4.57	63.89	74.00	-10.11	Peak	Horizontal
3	16500	31.32	7.91	39.23	54.00	-14.77	Average	Horizontal
4	16500	43.91	7.91	51.82	74.00	-22.18	Peak	Horizontal

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5	11000	39.76	4.57	44.33	54.00	-9.67	Average	Vertical
6	11000	56.86	4.57	61.43	74.00	-12.57	Peak	Vertical
7	16500	31.36	7.91	39.27	54.00	-14.73	Average	Vertical
8	16500	43.95	7.91	51.86	74.00	-22.14	Peak	Vertical
5G_N20_5600 MHz 11200 MHz 16800 MHz								
1	11200	36.56	4.71	41.27	54.00	-12.73	Average	Vertical
2	11200	51.48	4.71	56.19	74.00	-17.81	Peak	Vertical
3	16800	31.12	7.98	39.10	54.00	-14.90	Average	Vertical
4	16800	43.84	7.98	51.82	74.00	-22.18	Peak	Vertical
5	11200	33.50	4.71	38.21	54.00	-15.79	Average	Vertical
6	11200	46.35	4.71	51.06	74.00	-22.94	Peak	Vertical
7	16800	31.08	7.98	39.06	54.00	-14.94	Average	Vertical
8	16800	43.47	7.98	51.45	74.00	-22.55	Peak	Vertical
5G_N20_5700 MHz 11400 MHz 17100 MHz								
1	11400	36.04	4.85	40.89	54.00	-13.11	Average	Horizontal
2	11400	50.86	4.85	55.71	74.00	-18.29	Peak	Horizontal
3	17100	31.01	8.22	39.23	54.00	-14.77	Average	Horizontal
4	17100	43.84	8.22	52.06	74.00	-21.94	Peak	Horizontal
5	11400	36.04	4.85	40.89	54.00	-13.11	Average	Horizontal
6	11400	46.58	4.85	51.43	74.00	-22.57	Peak	Vertical
7	17100	31.01	8.22	39.23	54.00	-14.77	Average	Horizontal
8	17100	44.20	8.22	52.42	74.00	-21.58	Peak	Vertical
5G_N20_5745 MHz 11490 MHz 17235 MHz								
1	11490	34.82	4.91	39.73	54.00	-14.27	Average	Horizontal
2	11490	52.28	4.91	57.19	74.00	-16.81	Peak	Horizontal
3	17235	31.06	8.49	39.55	54.00	-14.45	Average	Horizontal
4	17235	44.51	8.49	53.00	74.00	-21.00	Peak	Horizontal
5	11490	33.23	4.91	38.14	54.00	-15.86	Average	Vertical
6	11490	49.02	4.91	53.93	74.00	-20.07	Peak	Vertical
7	17235	31.01	8.49	39.50	54.00	-14.50	Average	Vertical
8	17235	42.82	8.49	51.31	74.00	-22.69	Peak	Vertical
5G_N20_5785 MHz 11570 MHz 17355 MHz								
1	11570	37.69	5.01	42.70	54.00	-11.30	Average	Horizontal
2	11570	55.31	5.01	60.32	74.00	-13.68	Peak	Horizontal
3	17355	30.90	8.72	39.62	54.00	-14.38	Average	Horizontal
4	17355	43.43	8.72	52.15	74.00	-21.85	Peak	Horizontal
5	11570	34.66	5.01	39.67	54.00	-14.33	Average	Vertical
6	11570	48.79	5.01	53.80	74.00	-20.20	Peak	Vertical
7	17355	30.86	8.72	39.58	54.00	-14.42	Average	Vertical
8	17355	44.39	8.72	53.11	74.00	-20.89	Peak	Vertical
5G_N20_5825 MHz 11650 MHz 17475 MHz								
1	11650	38.02	5.13	43.15	54.00	-10.85	Average	Horizontal
2	11650	56.25	5.13	61.38	74.00	-12.62	Peak	Horizontal
3	17475	29.11	8.97	38.08	54.00	-15.92	Average	Horizontal
4	17475	42.03	8.97	51.00	74.00	-23.00	Peak	Horizontal
5	11650	35.13	5.13	40.26	54.00	-13.74	Average	Vertical
6	11650	51.12	5.13	56.25	74.00	-17.75	Peak	Vertical
7	17475	29.11	8.97	38.08	54.00	-15.92	Average	Vertical
8	17475	41.37	8.97	50.34	74.00	-23.66	Peak	Vertical
5G_N40_5190 MHz 10380 MHz 15570 MHz								
1	10380	47.43	4.80	52.23	54.00	-1.77	Average	Horizontal
2	10380	60.37	4.80	65.17	74.00	-8.83	Peak	Horizontal
3	15570	30.96	8.56	39.52	54.00	-14.48	Average	Horizontal
4	15570	43.15	8.56	51.71	74.00	-22.29	Peak	Horizontal
5	10380	42.79	4.80	47.59	54.00	-6.41	Average	Vertical
6	10380	55.44	4.80	60.24	74.00	-13.76	Peak	Vertical
7	15570	30.92	8.56	39.48	54.00	-14.52	Average	Vertical

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8	15570	43.39	8.56	51.95	74.00	-22.05	Peak	Vertical
5G_N40_5230 MHz 10460 MHz 15690 MHz								
1	10460	45.63	4.92	50.55	54.00	-3.45	Average	Horizontal
2	10460	60.12	4.92	65.04	74.00	-8.96	Peak	Horizontal
3	15690	31.88	8.32	40.20	54.00	-13.80	Average	Horizontal
4	15690	44.14	8.32	52.46	74.00	-21.54	Peak	Horizontal
5	10460	40.91	4.92	45.83	54.00	-8.17	Average	Vertical
6	10460	54.21	4.92	59.13	74.00	-14.87	Peak	Vertical
7	15690	31.65	8.32	39.97	54.00	-14.03	Average	Vertical
8	15690	44.62	8.32	52.94	74.00	-21.06	Peak	Vertical
5G_N40_5270 MHz 10540 MHz 15810 MHz								
1	10460	40.91	4.92	45.83	54.00	-8.17	Average	Vertical
2	10540	60.55	4.93	65.48	74.00	-8.52	Peak	Horizontal
3	15690	31.65	8.32	39.97	54.00	-14.03	Average	Vertical
4	15810	44.62	8.09	52.71	74.00	-21.29	Peak	Horizontal
5	10540	38.02	4.93	42.95	54.00	-11.05	Average	Vertical
6	10540	52.81	4.93	57.74	74.00	-16.26	Peak	Vertical
7	15810	30.80	8.09	38.89	54.00	-15.11	Average	Vertical
8	15810	43.11	8.09	51.20	74.00	-22.80	Peak	Vertical
5G_N40_5310 MHz 10620 MHz 15930 MHz								
1	10620	44.46	4.87	49.33	54.00	-4.67	Average	Horizontal
2	10620	57.09	4.87	61.96	74.00	-12.04	Peak	Horizontal
3	15930	30.30	7.85	38.15	54.00	-15.85	Average	Horizontal
4	15930	43.15	7.85	51.00	74.00	-23.00	Peak	Horizontal
5	10620	39.49	4.87	44.36	54.00	-9.64	Average	Vertical
6	10620	52.66	4.87	57.53	74.00	-16.47	Peak	Vertical
7	15930	30.25	7.85	38.10	54.00	-15.90	Average	Vertical
8	15930	42.82	7.85	50.67	74.00	-23.33	Peak	Vertical
5G_N40_5510 MHz 11020 MHz 16530 MHz								
1	11020	41.42	4.59	46.01	54.00	-7.99	Average	Horizontal
2	11020	55.67	4.59	60.26	74.00	-13.74	Peak	Horizontal
3	16530	31.39	7.92	39.31	54.00	-14.69	Average	Horizontal
4	16530	44.38	7.92	52.30	74.00	-21.70	Peak	Horizontal
5	11020	35.27	4.59	39.86	54.00	-14.14	Average	Vertical
6	11020	48.18	4.59	52.77	74.00	-21.23	Peak	Vertical
7	16530	31.31	7.92	39.23	54.00	-14.77	Average	Vertical
8	16530	44.16	7.92	52.08	74.00	-21.92	Peak	Vertical
5G_N40_5590 MHz 11180 MHz 16770 MHz								
1	11180	36.68	4.69	41.37	54.00	-12.63	Average	Horizontal
2	11180	50.31	4.69	55.00	74.00	-19.00	Peak	Horizontal
3	16770	31.13	7.97	39.10	54.00	-14.90	Average	Horizontal
4	16770	43.58	7.97	51.55	74.00	-22.45	Peak	Horizontal
5	11180	33.17	4.69	37.86	54.00	-16.14	Average	Vertical
6	11180	45.06	4.69	49.75	74.00	-24.25	Peak	Vertical
7	16770	30.97	7.97	38.94	54.00	-15.06	Average	Vertical
8	16770	43.98	7.97	51.95	74.00	-22.05	Peak	Vertical
5G_N40_5670 MHz 11340 MHz 17010 MHz								
1	11340	35.95	4.81	40.76	54.00	-13.24	Average	Horizontal
2	11340	49.81	4.81	54.62	74.00	-19.38	Peak	Horizontal
3	17010	30.90	8.04	38.94	54.00	-15.06	Average	Horizontal
4	17010	43.92	8.04	51.96	74.00	-22.04	Peak	Horizontal
5	11340	33.52	4.81	38.33	54.00	-15.67	Average	Vertical
6	11340	45.42	4.81	50.23	74.00	-23.77	Peak	Vertical
7	17010	30.98	8.04	39.02	54.00	-14.98	Average	Vertical
8	17010	43.92	8.04	51.96	74.00	-22.04	Peak	Vertical
5G_N40_5755 MHz 11510 MHz 17265 MHz								
1	11510	36.94	4.93	41.87	54.00	-12.13	Average	Horizontal

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2	11510	50.38	4.93	55.31	74.00	-18.69	Peak	Horizontal
3	17265	31.01	8.54	39.55	54.00	-14.45	Average	Horizontal
4	17265	43.23	8.54	51.77	74.00	-22.23	Peak	Horizontal
5	11510	34.56	4.93	39.49	54.00	-14.51	Average	Vertical
6	11510	46.29	4.93	51.22	74.00	-22.78	Peak	Vertical
7	17265	30.96	8.54	39.50	54.00	-14.50	Average	Vertical
8	17265	42.94	8.54	51.48	74.00	-22.52	Peak	Vertical
5G_N40_5795 MHz 11590 MHz 17385 MHz								
1	11590	37.06	5.05	42.11	54.00	-11.89	Average	Horizontal
2	11590	51.09	5.05	56.14	74.00	-17.86	Peak	Horizontal
3	17385	30.79	8.79	39.58	54.00	-14.42	Average	Horizontal
4	17385	43.67	8.79	52.46	74.00	-21.54	Peak	Horizontal
5	11590	34.06	5.05	39.11	54.00	-14.89	Average	Vertical
6	11590	46.60	5.05	51.65	74.00	-22.35	Peak	Vertical
7	17385	30.83	8.79	39.62	54.00	-14.38	Average	Vertical
8	17385	43.43	8.79	52.22	74.00	-21.78	Peak	Vertical
5G_AC80_5210 MHz 10420 MHz 15630 MHz								
1	10420	42.75	4.86	47.61	54.00	-6.39	Average	Horizontal
2	10420	56.45	4.86	61.31	74.00	-12.69	Peak	Horizontal
3	15630	31.48	8.45	39.93	54.00	-14.07	Average	Horizontal
4	15630	42.68	8.45	51.13	74.00	-22.87	Peak	Horizontal
5	10420	39.29	4.86	44.15	54.00	-9.85	Average	Vertical
6	10420	52.23	4.86	57.09	74.00	-16.91	Peak	Vertical
7	15630	31.52	8.45	39.97	54.00	-14.03	Average	Vertical
8	15630	43.92	8.45	52.37	74.00	-21.63	Peak	Vertical
5G_AC80_5290 MHz 10580 MHz 15870 MHz								
1	10580	43.30	4.91	48.21	54.00	-5.79	Average	Horizontal
2	10580	56.25	4.91	61.16	74.00	-12.84	Peak	Horizontal
3	15870	31.41	7.96	39.37	54.00	-14.63	Average	Horizontal
4	15870	44.05	7.96	52.01	74.00	-21.99	Peak	Horizontal
5	10580	38.95	4.91	43.86	54.00	-10.14	Average	Vertical
6	10580	52.12	4.91	57.03	74.00	-16.97	Peak	Vertical
7	15870	31.05	7.96	39.01	54.00	-14.99	Average	Vertical
8	15870	43.71	7.96	51.67	74.00	-22.33	Peak	Vertical
5G_AC80_5530 MHz 11060 MHz 16590 MHz								
1	11060	40.77	4.60	45.37	54.00	-8.63	Average	Horizontal
2	11060	55.57	4.60	60.17	74.00	-13.83	Peak	Horizontal
3	16590	29.84	7.92	37.76	54.00	-16.24	Average	Horizontal
4	16590	43.96	7.92	51.88	74.00	-22.12	Peak	Horizontal
5	11060	35.13	4.60	39.73	54.00	-14.27	Average	Vertical
6	11060	47.00	4.60	51.60	74.00	-22.40	Peak	Vertical
7	16590	29.74	7.92	37.66	54.00	-16.34	Average	Vertical
8	16590	43.09	7.92	51.01	74.00	-22.99	Peak	Vertical
5G_AC80_5610 MHz 11220 MHz 16830 MHz								
1	11220	34.83	4.73	39.56	54.00	-14.44	Average	Horizontal
2	11220	47.10	4.73	51.83	74.00	-22.17	Peak	Horizontal
3	16830	30.99	7.99	38.98	54.00	-15.02	Average	Horizontal
4	16830	43.11	7.99	51.10	74.00	-22.90	Peak	Horizontal
5	11220	32.37	4.73	37.10	54.00	-16.90	Average	Vertical
6	11220	44.56	4.73	49.29	74.00	-24.71	Peak	Vertical
7	16830	30.95	7.99	38.94	54.00	-15.06	Average	Vertical
8	16830	43.22	7.99	51.21	74.00	-22.79	Peak	Vertical
5G_AC80_5775 MHz 11550 MHz 17325 MHz								
1	11550	35.07	4.99	40.06	54.00	-13.94	Average	Horizontal
2	11550	47.65	4.99	52.64	74.00	-21.36	Peak	Horizontal
3	17325	30.84	8.66	39.50	54.00	-14.50	Average	Horizontal
4	17325	43.34	8.66	52.00	74.00	-22.00	Peak	Horizontal

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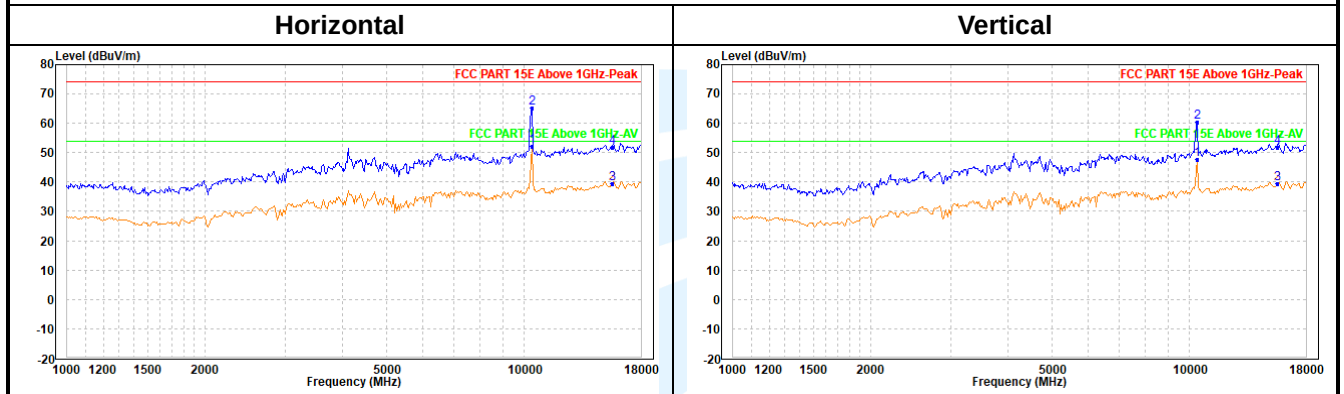
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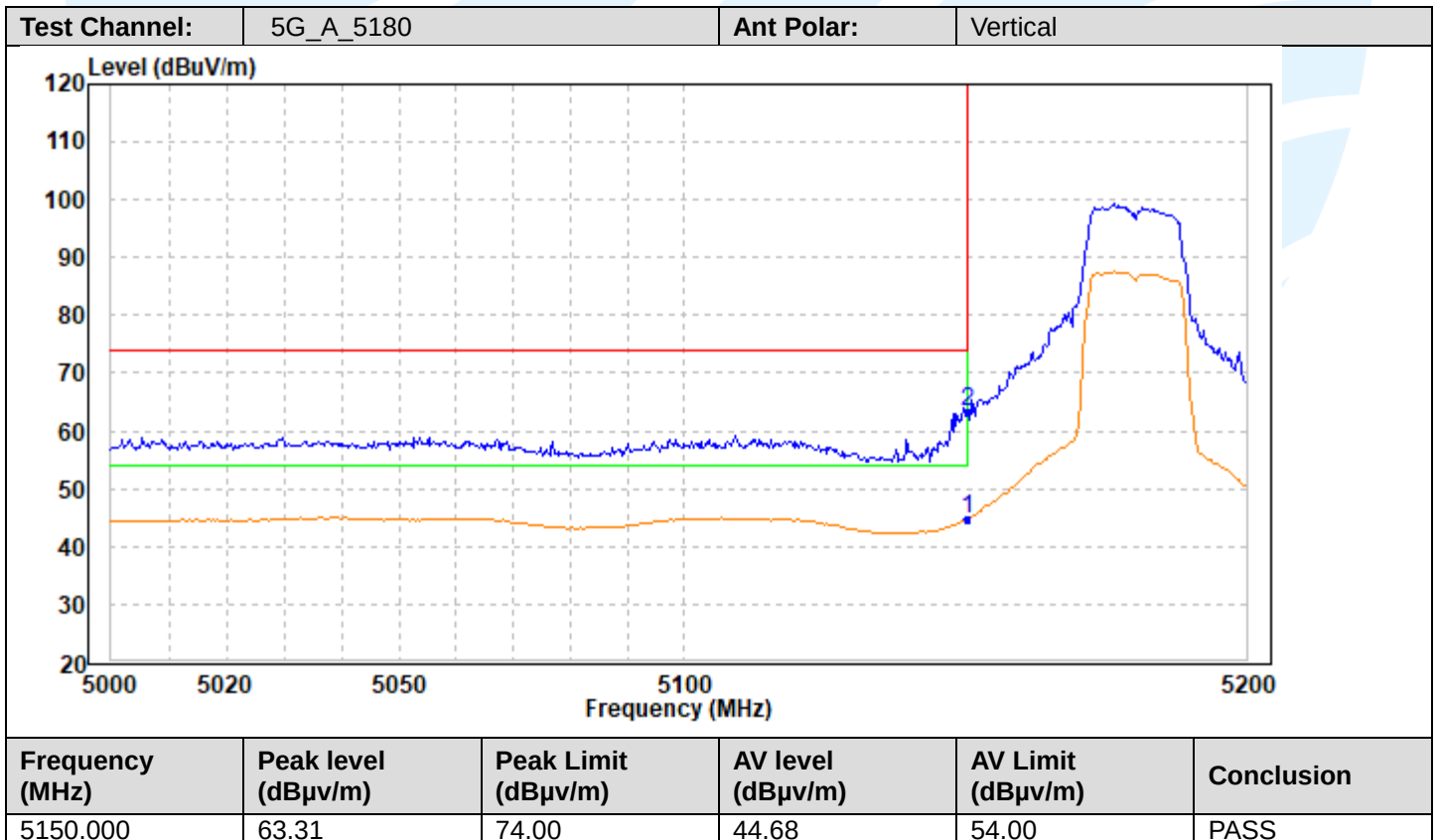
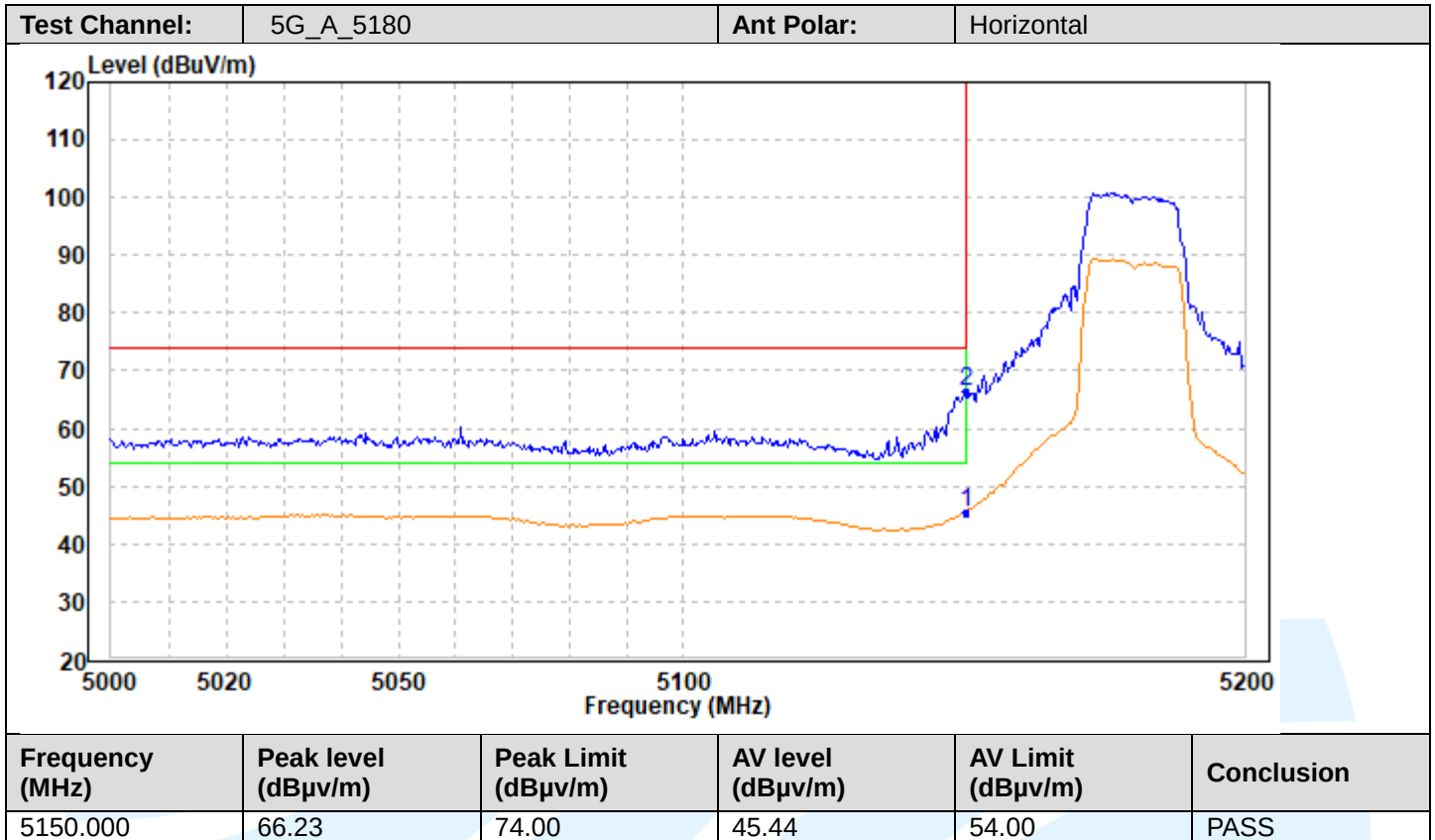
5	11550	33.40	4.99	38.39	54.00	-15.61	Average	Vertical
6	11550	46.48	4.99	51.47	74.00	-22.53	Peak	Vertical
7	17325	30.89	8.66	39.55	54.00	-14.45	Average	Vertical
8	17325	42.78	8.66	51.44	74.00	-22.56	Peak	Vertical

Radiated Emission (1-18 GHz) Worst test mode test diagram_802.11N40_5190 MHz

Remark:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result – Limit
4. For Radiated Emission above 18GHz, the amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

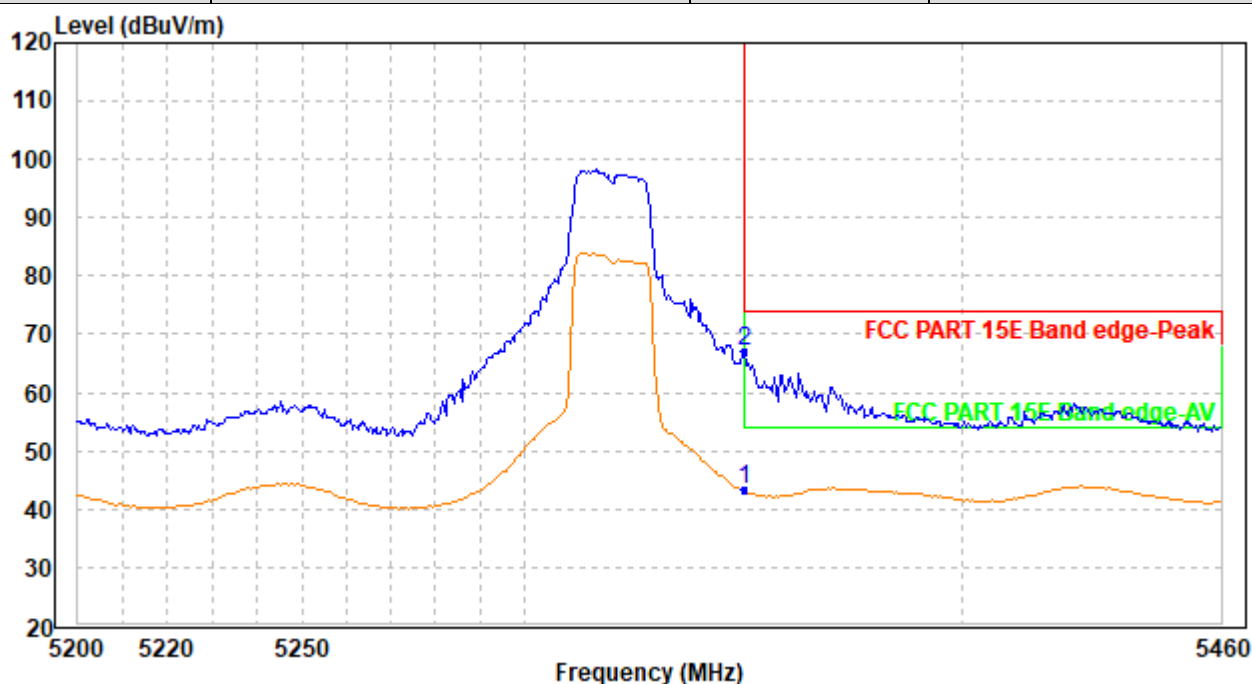
Band Edge Measurements (Radiated): Worst-Case Configuration



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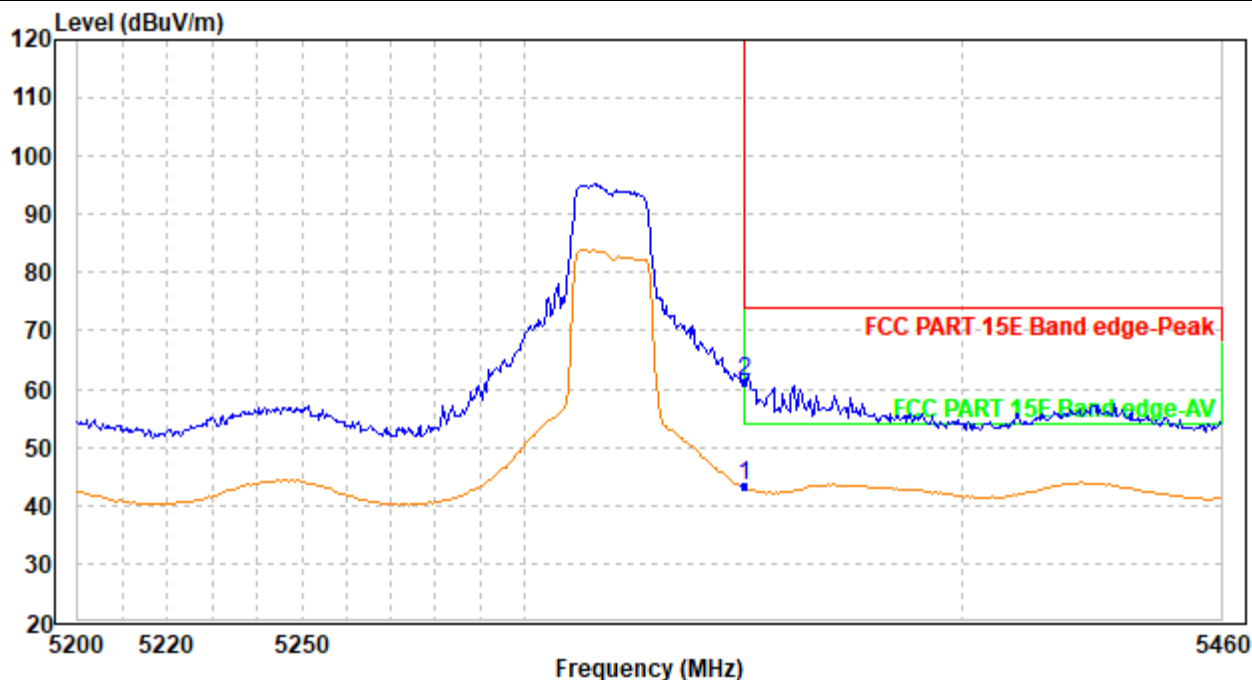
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Test Channel:	5G_A_5320	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5350.000	67.04	74.00	43.20	54.00	PASS

Test Channel:	5G_A_5320	Ant Polar:	Vertical
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Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5350.000	61.17	74.00	43.20	54.00	PASS

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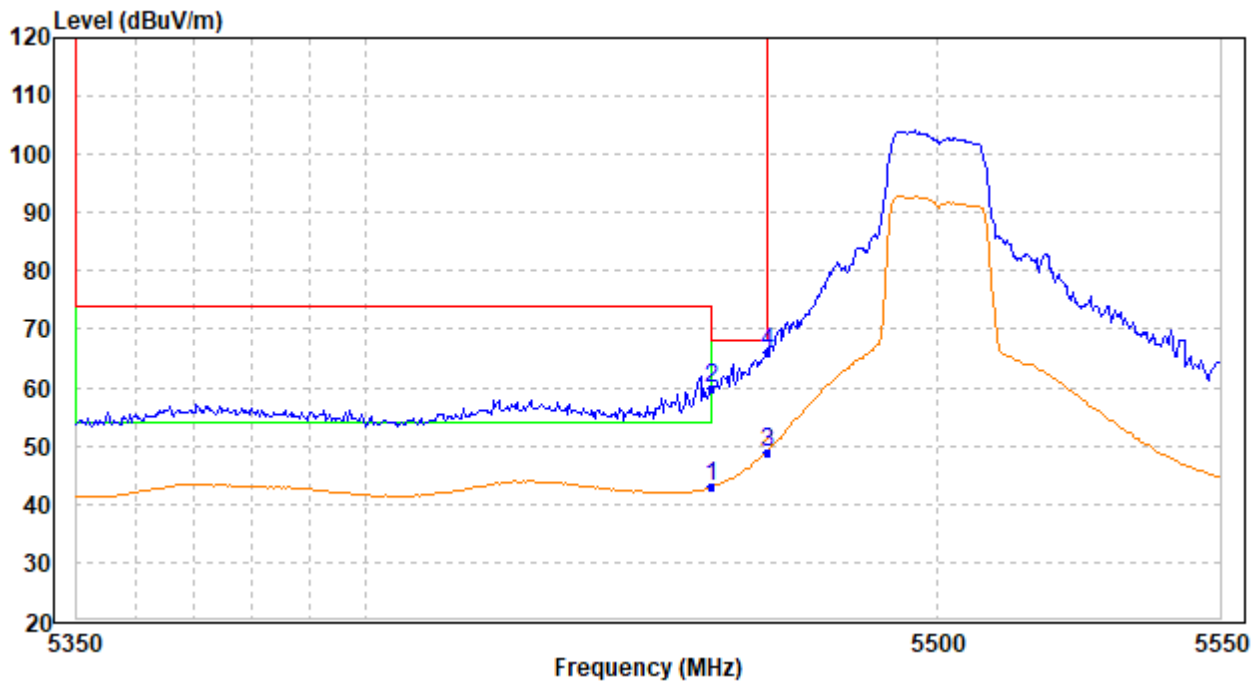
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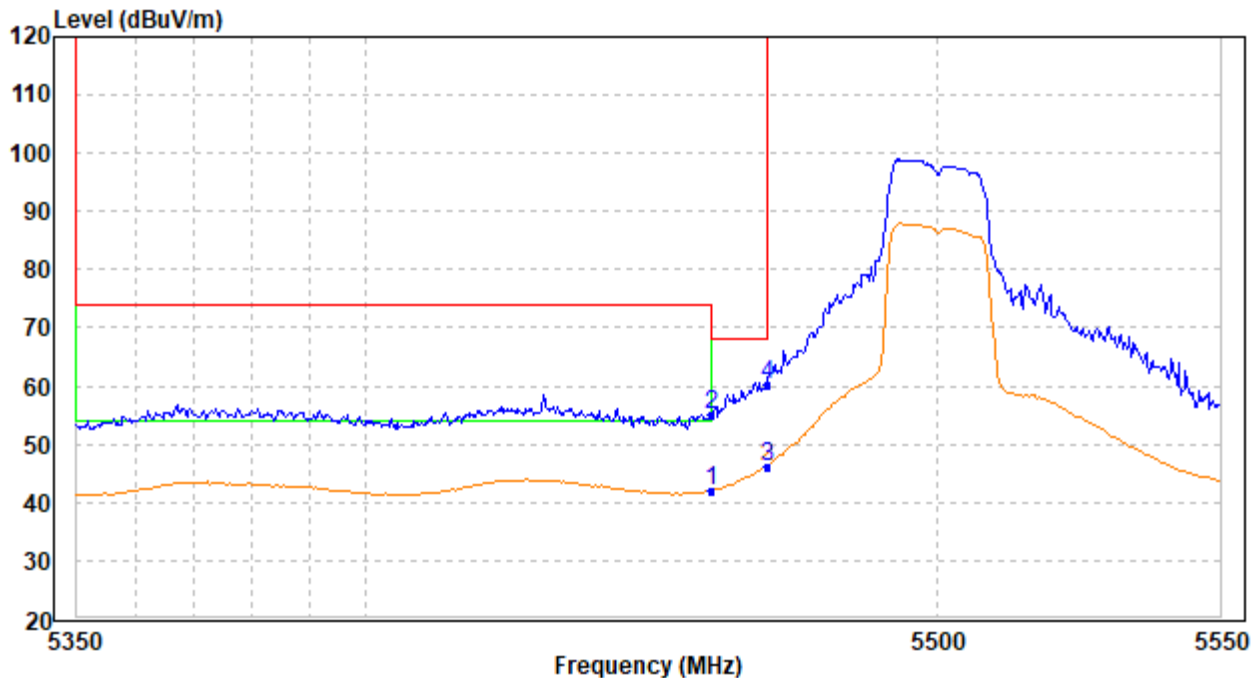
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Test Channel:	5G_A_5500	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dB μ v/m)	Peak Limit (dB μ v/m)	AV level (dB μ v/m)	AV Limit (dB μ v/m)	Conclusion
5460.000	59.92	68.20	42.87	54.00	PASS
5470.000	66.05	68.20	49.03	68.20	PASS

Test Channel:	5G_A_5500	Ant Polar:	Vertical
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Frequency (MHz)	Peak level (dB μ v/m)	Peak Limit (dB μ v/m)	AV level (dB μ v/m)	AV Limit (dB μ v/m)	Conclusion
5460.000	55.09	68.20	42.09	54.00	PASS
5470.000	60.32	68.20	46.28	68.20	PASS

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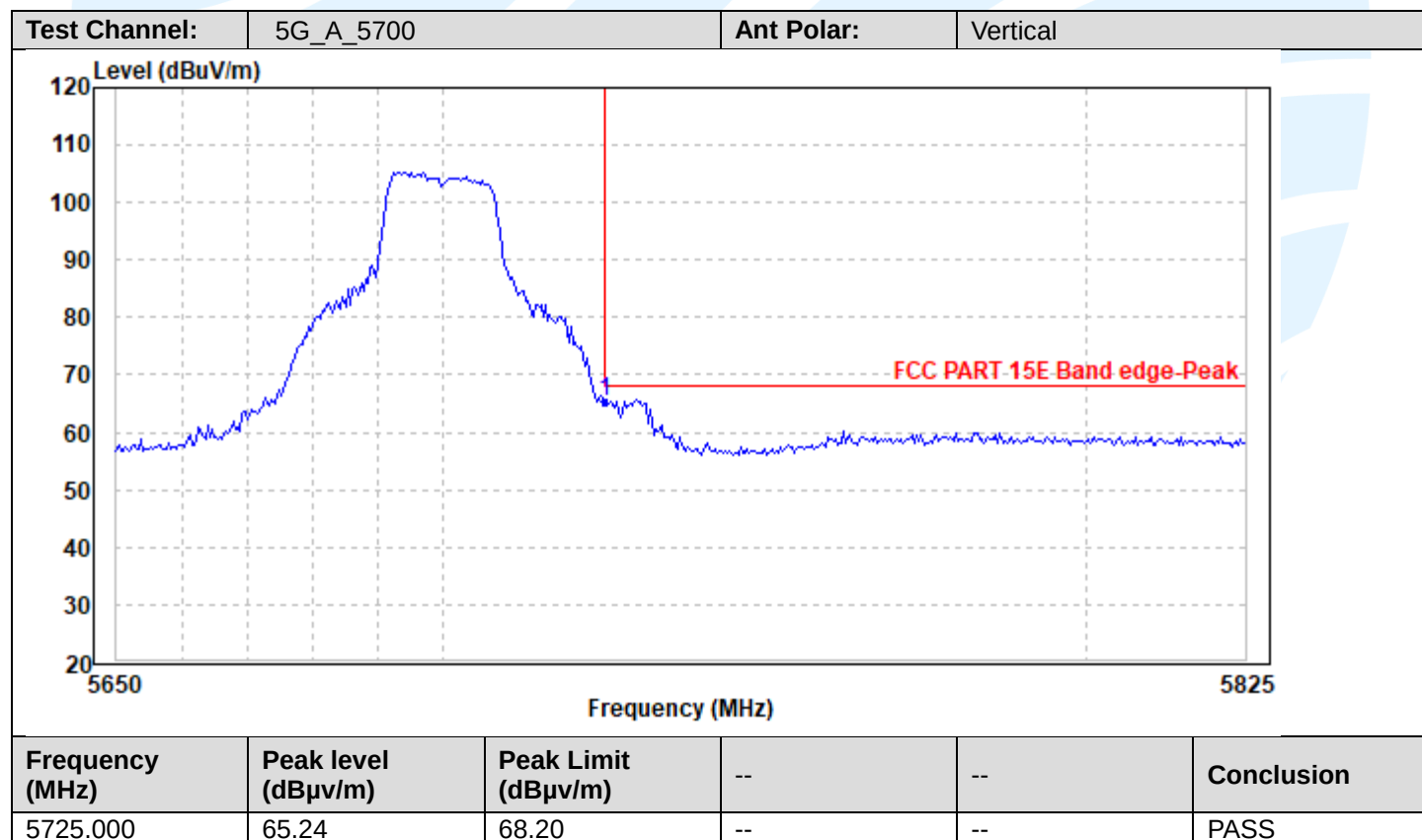
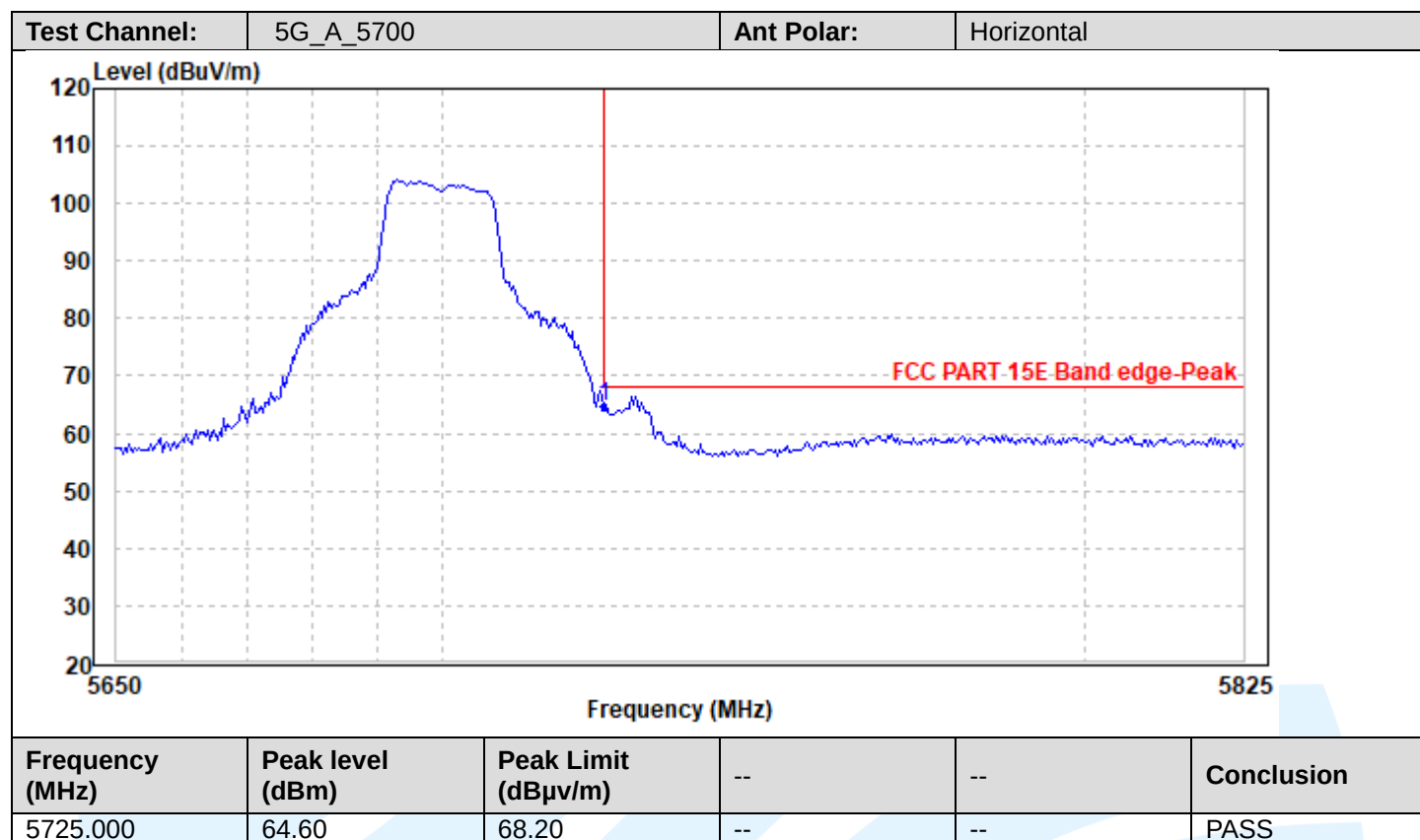
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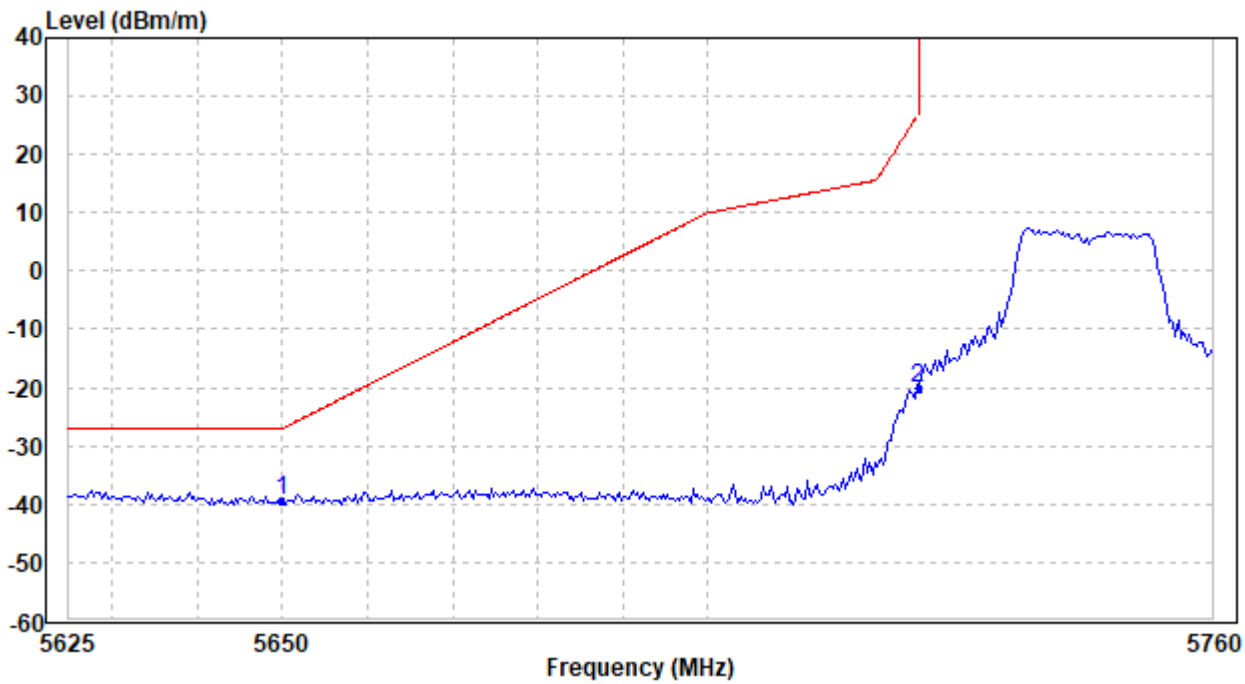
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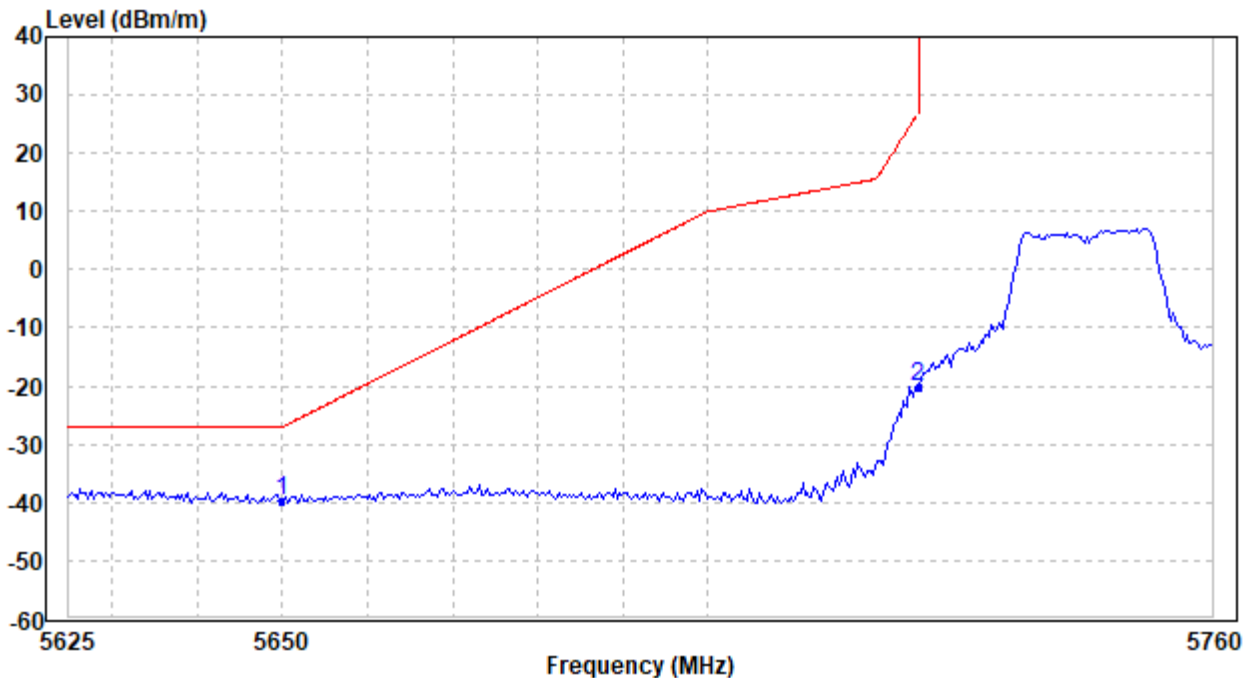
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Test Channel:	5G_A_5745	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	--	--	Conclusion
5650.000	-39.55	-27.00	--	--	PASS
5725.000	-20.05	27.00	--	--	PASS

Test Channel:	5G_A_5745	Ant Polar:	Vertical
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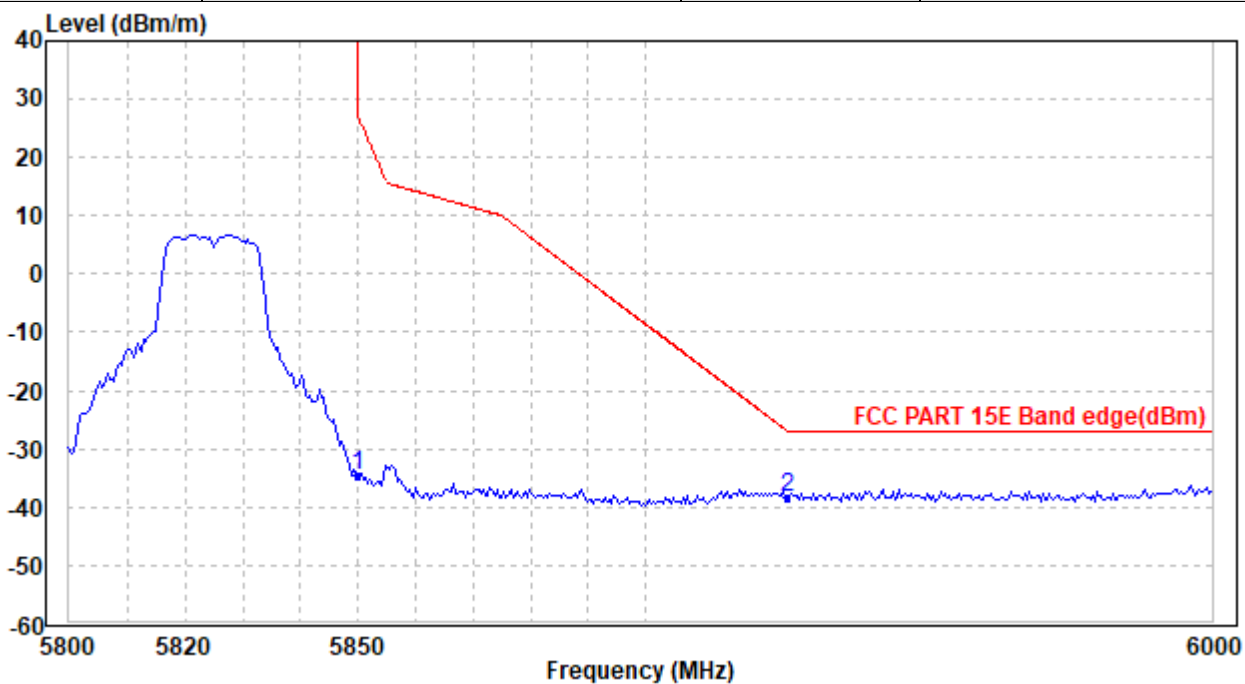


Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	--	--	Conclusion
5650.000	-39.77	-27.00	--	--	PASS
5725.000	-20.21	27.00	--	--	PASS

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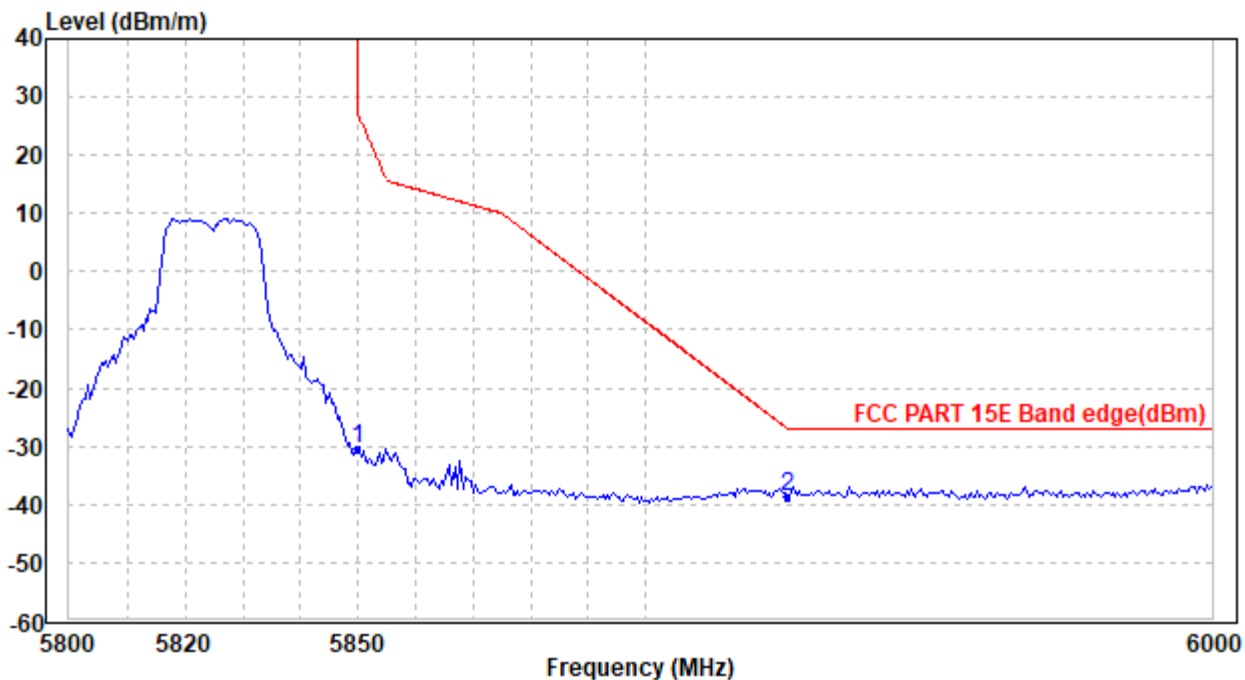
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Test Channel:	5G_A_5825	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	--	--	Conclusion
5850.000	-34.55	27.00	--	--	PASS
5925.000	-38.22	-27.00	--	--	PASS

Test Channel:	5G_A_5825	Ant Polar:	Vertical
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Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	--	--	Conclusion
5850.000	-30.60	27.00	--	--	PASS
5925.000	-38.55	-27.00	--	--	PASS

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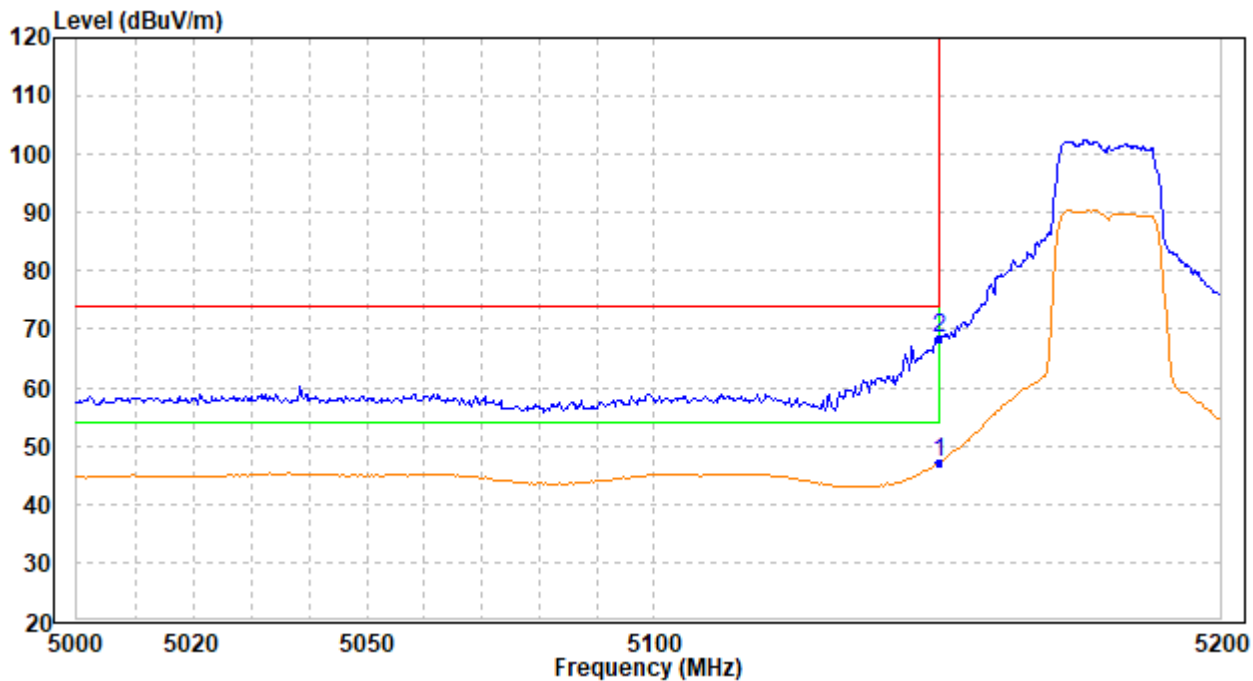
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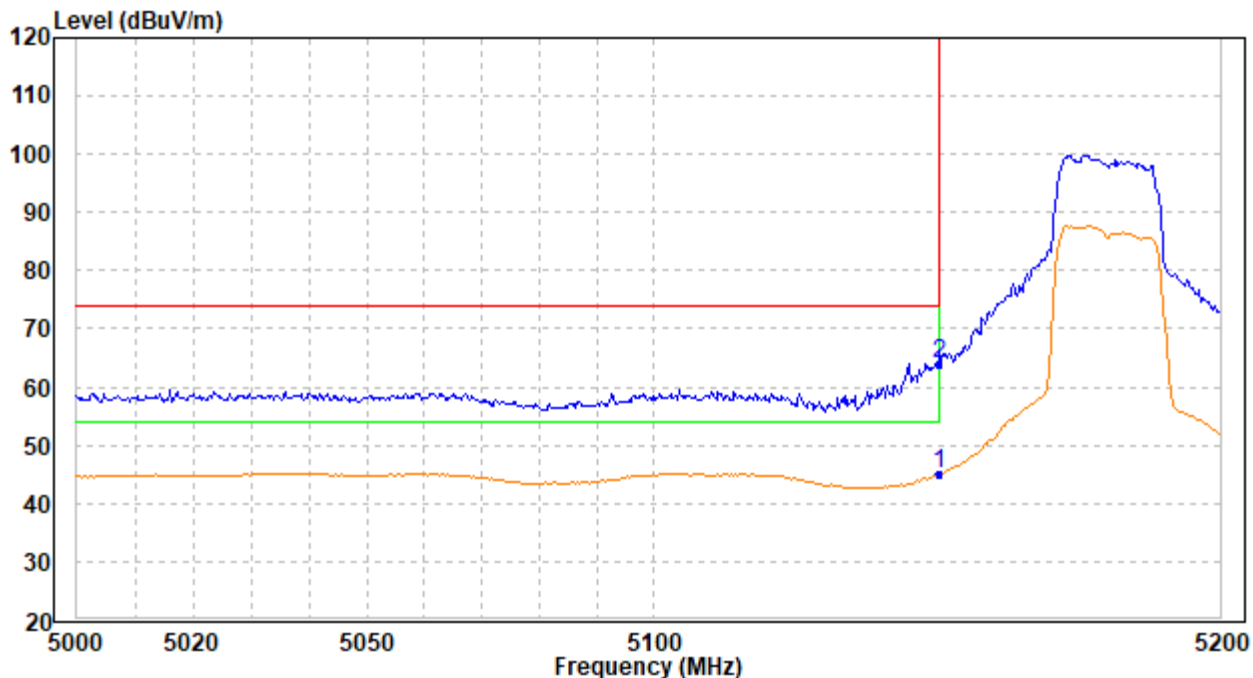
UTTR-RF-FCCPART15.407-V1.2

Test Channel:	5G_N20_5180	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5150.000	68.36	74.00	47.18	54.00	PASS

Test Channel:	5G_N20_5180	Ant Polar:	Vertical
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Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5150.000	63.90	74.00	44.97	54.00	PASS

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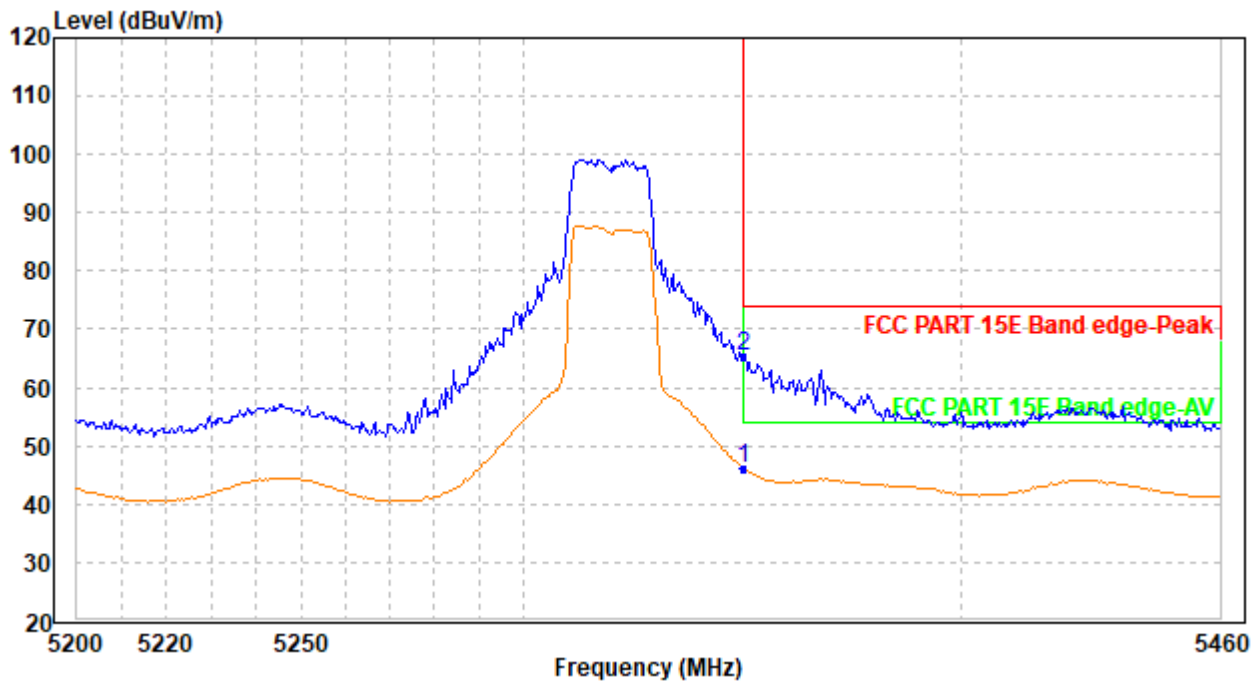
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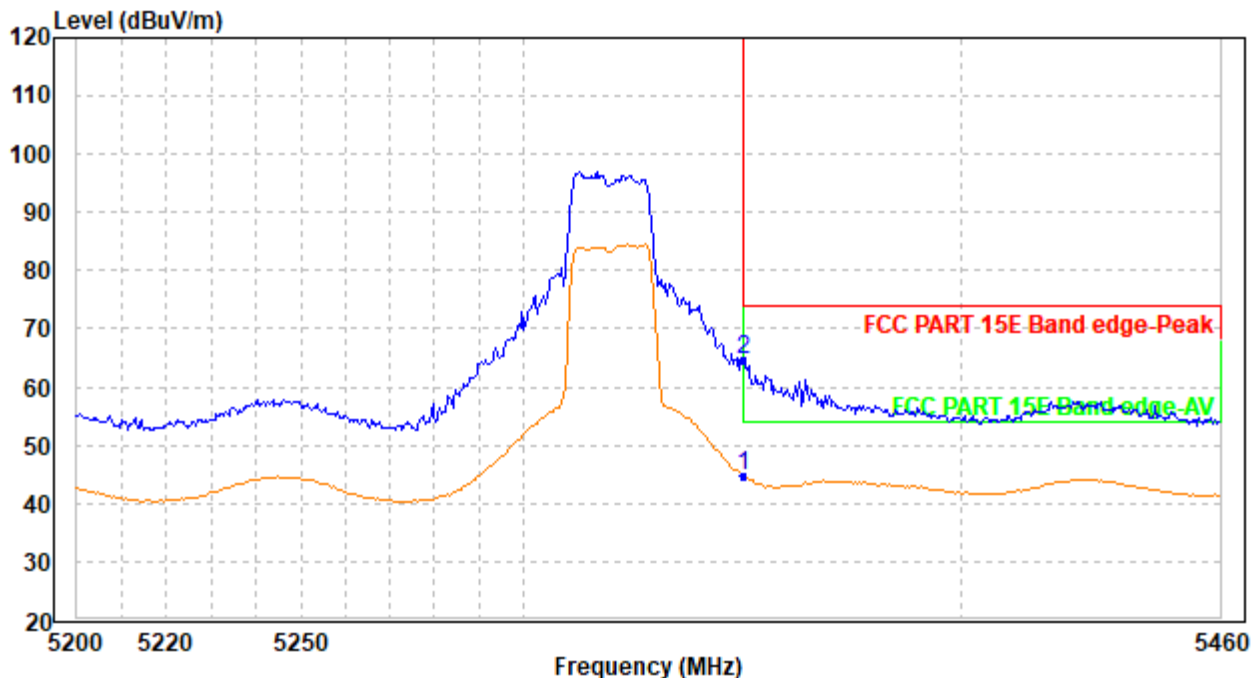
UTTR-RF-FCCPART15.407-V1.2

Test Channel:	5G_N20_5320	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5350.000	65.36	74.00	46.25	54.00	PASS

Test Channel:	5G_N20_5320	Ant Polar:	Vertical
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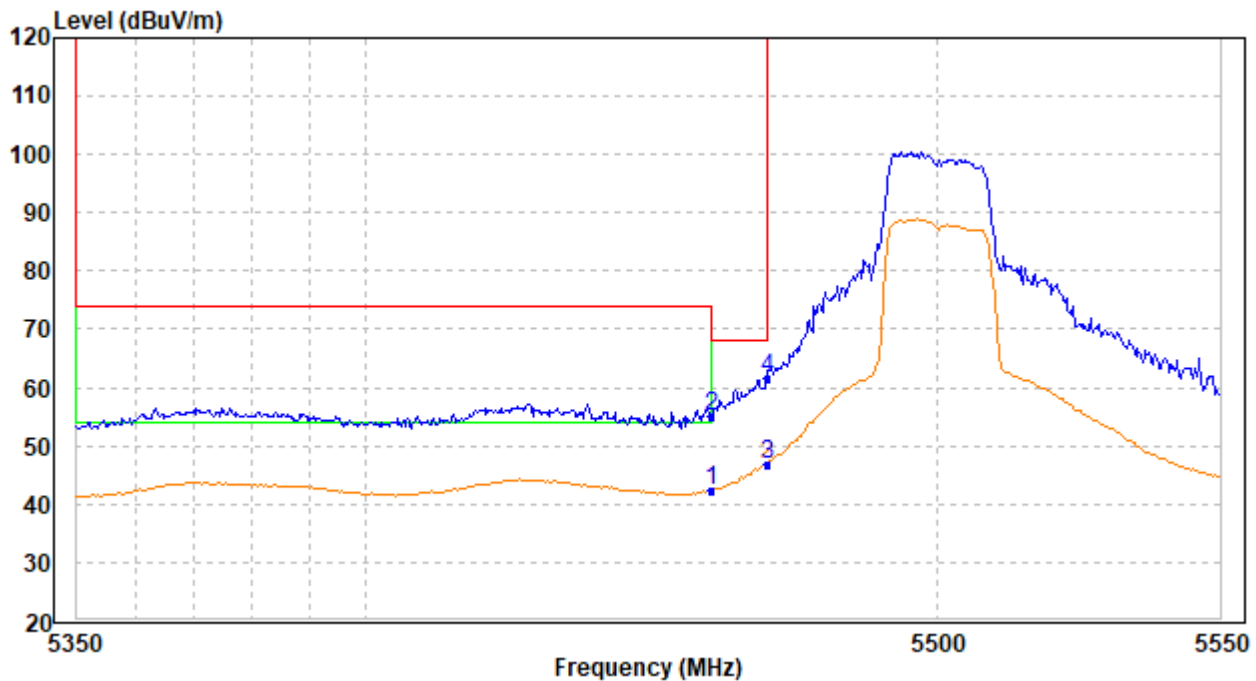


Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5350.000	64.67	74.00	44.79	54.00	PASS

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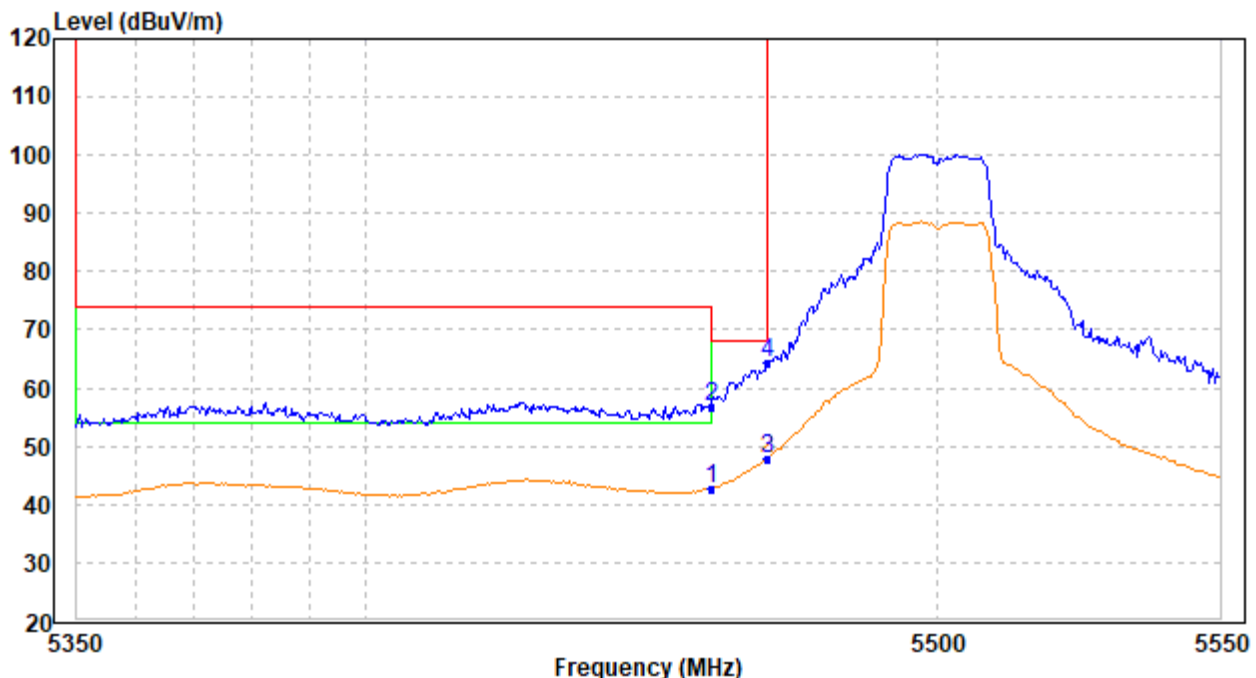
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Test Channel:	5G_N20_5500	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5460.000	54.94	68.20	42.37	54.00	PASS
5470.000	61.70	68.20	46.94	68.20	PASS

Test Channel:	5G_N20_5500	Ant Polar:	Vertical
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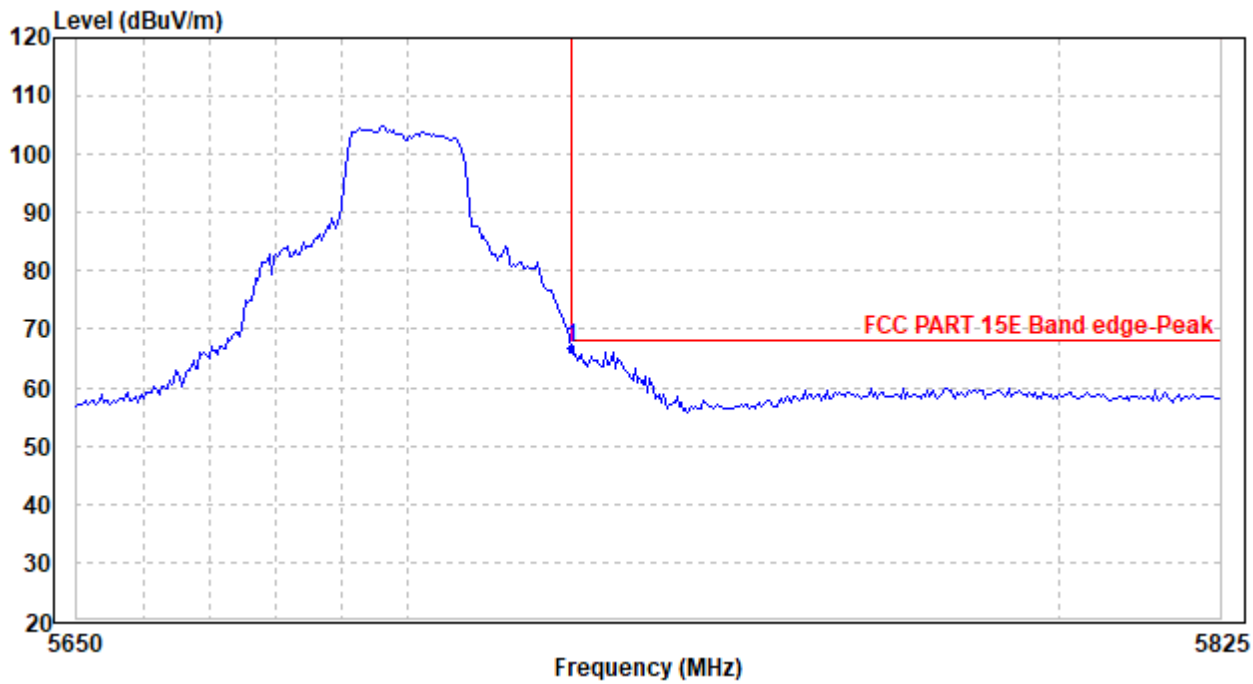


Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5460.000	56.81	68.20	42.61	54.00	PASS
5470.000	64.29	68.20	47.79	68.20	PASS

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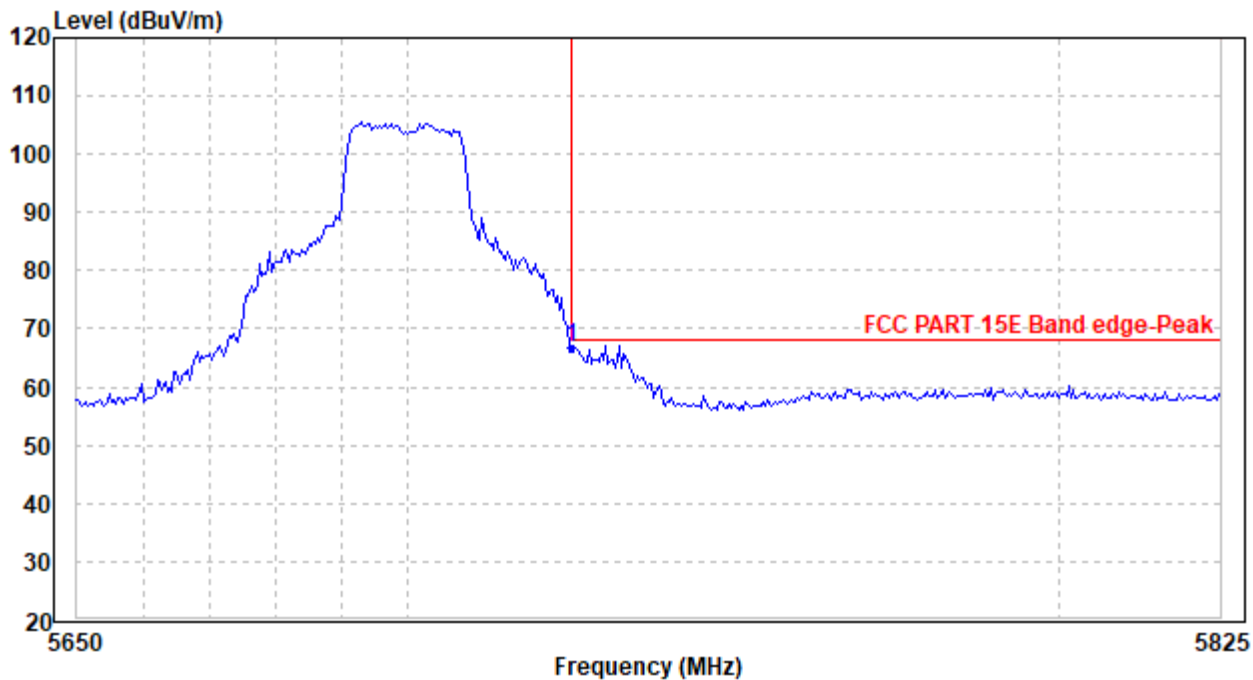
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Test Channel:	5G_N20_5700	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dB μ v/m)	Peak Limit (dB μ v/m)	--	--	Conclusion
5725.000	66.60	68.20	--	--	PASS

Test Channel:	5G_N20_5700	Ant Polar:	Vertical
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Frequency (MHz)	Peak level (dB μ v/m)	Peak Limit (dB μ v/m)	--	--	Conclusion
5725.000	66.67	68.20	--	--	PASS

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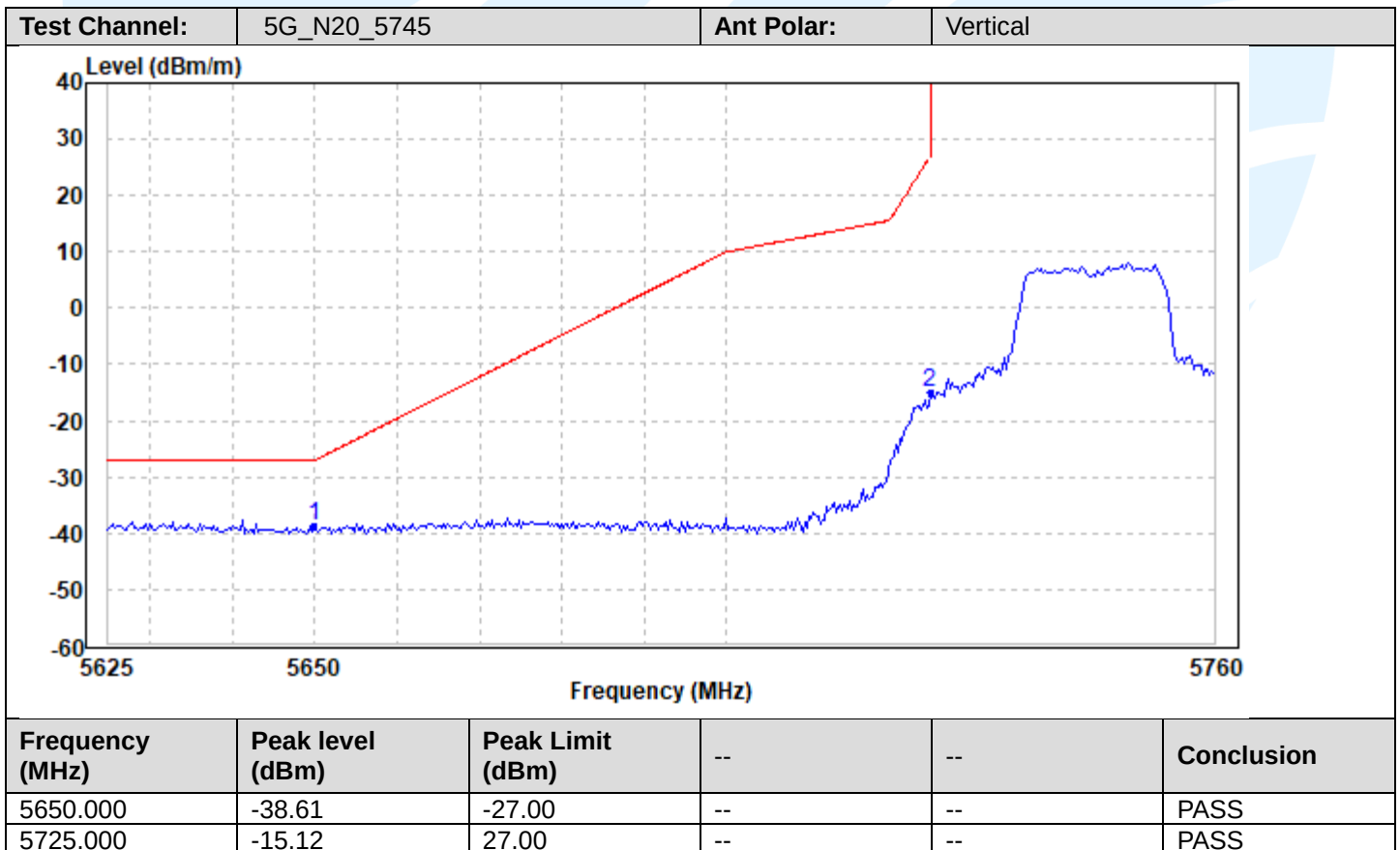
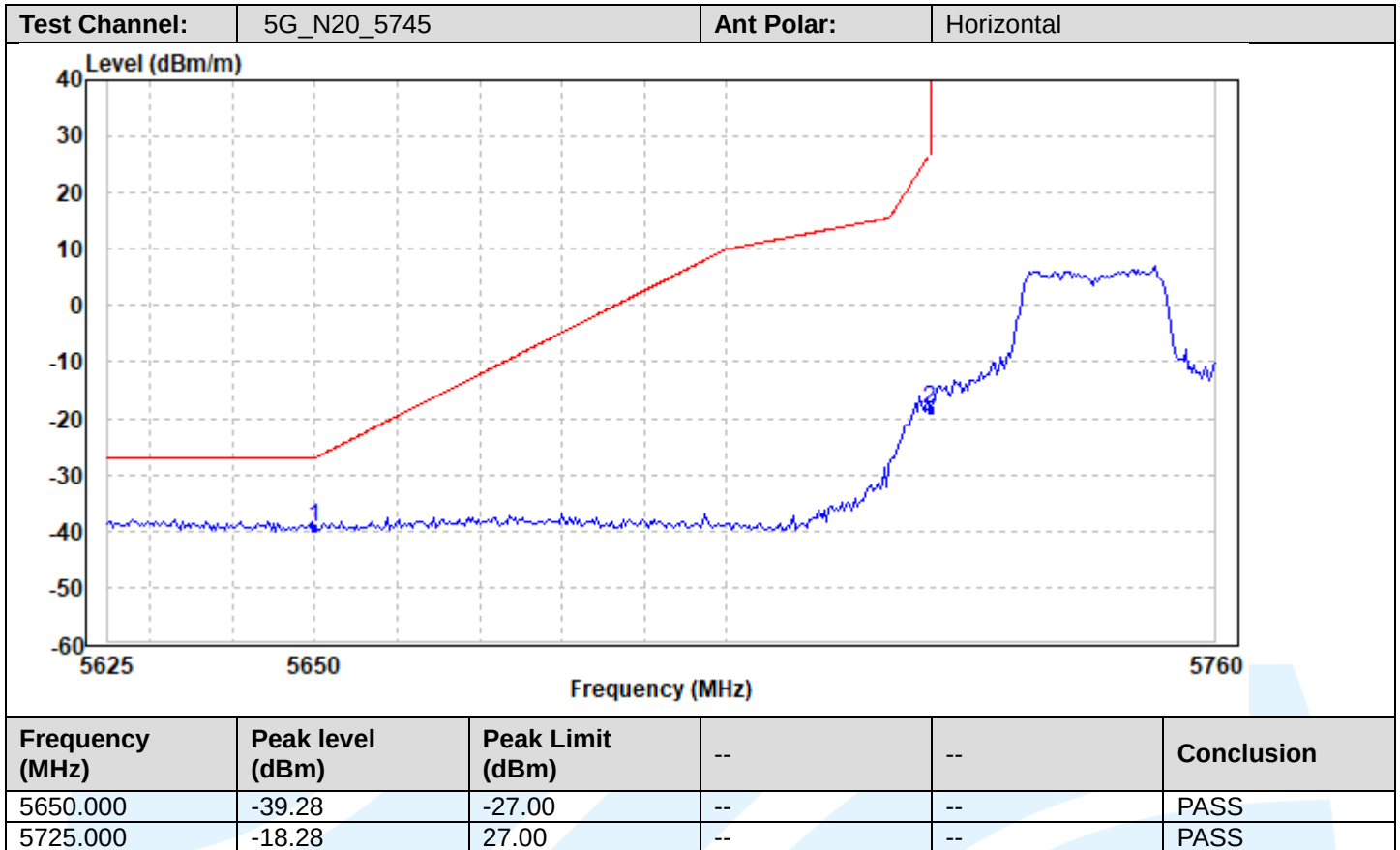
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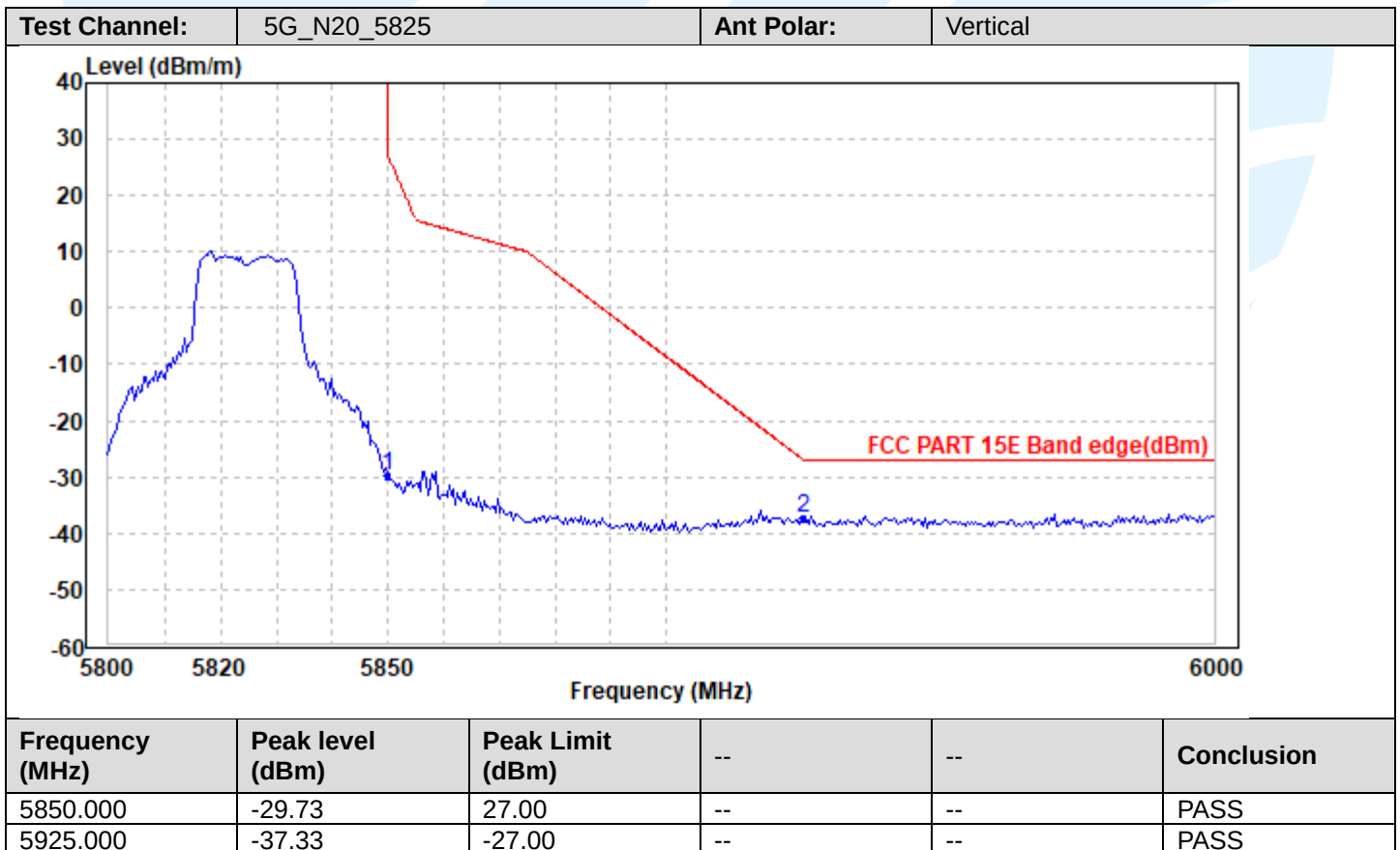
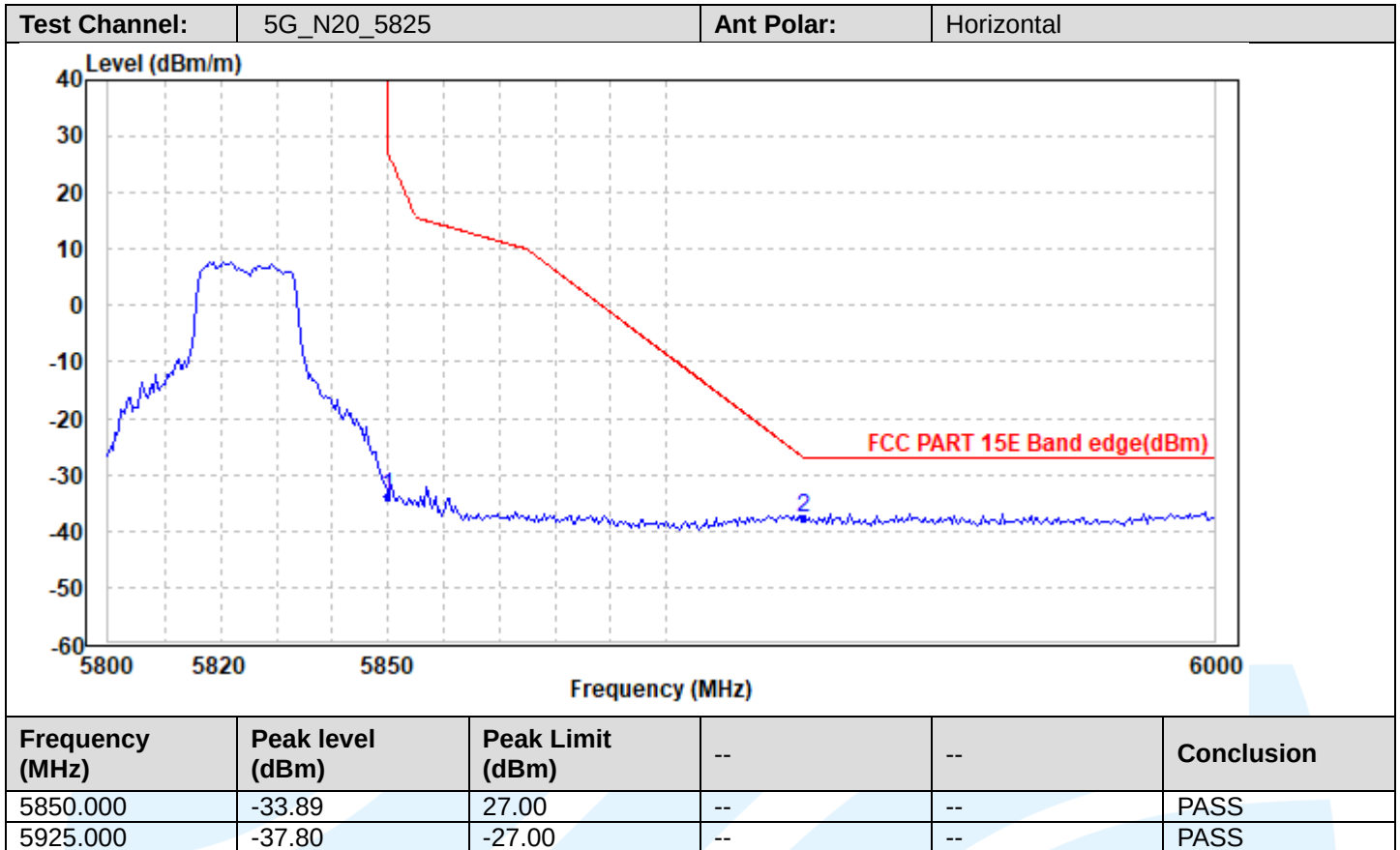
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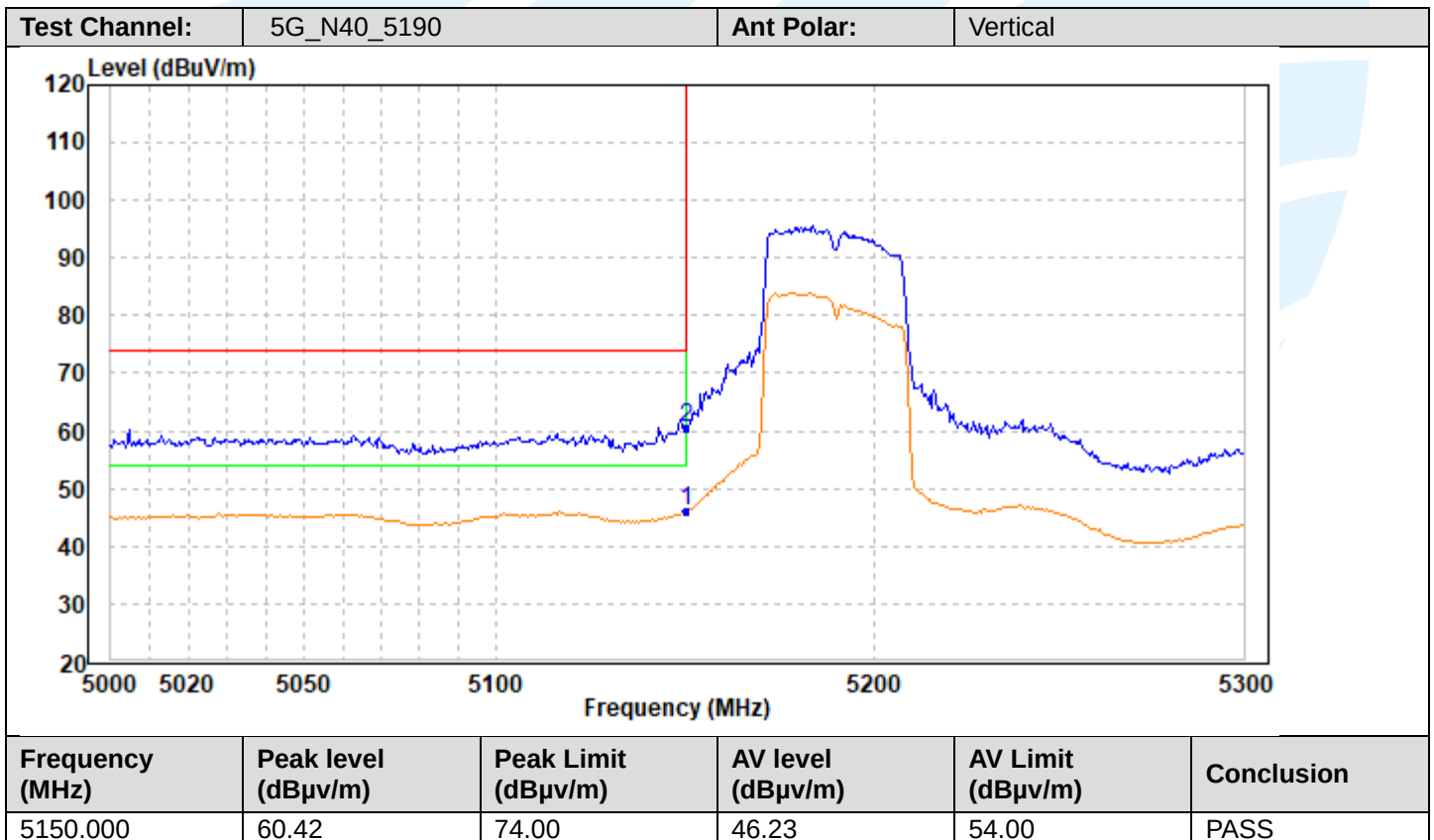
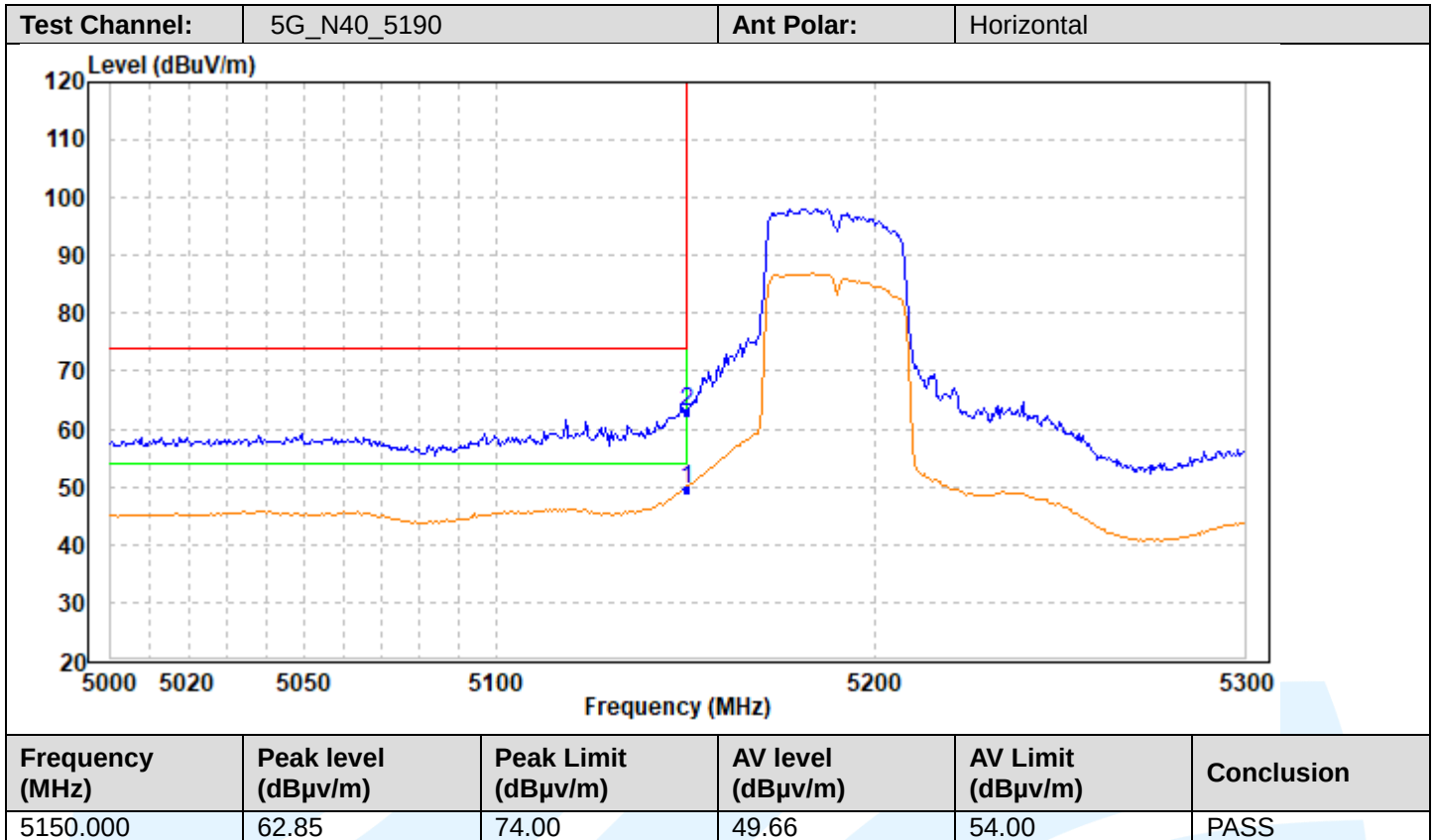
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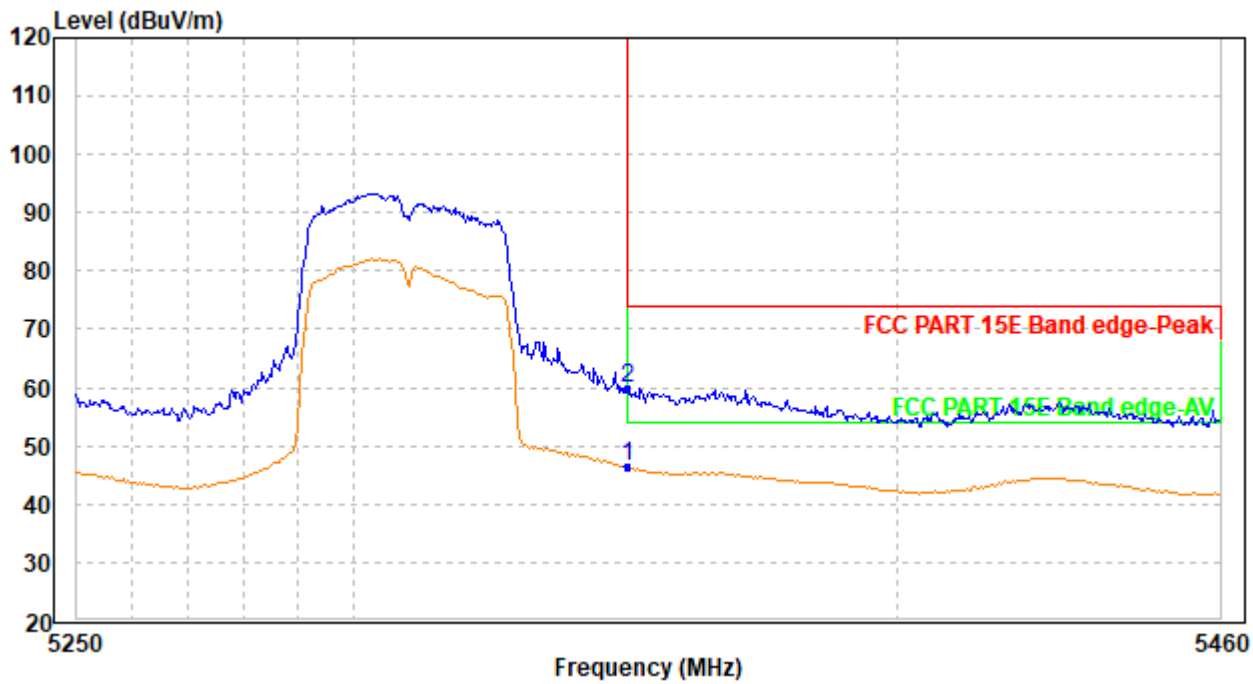
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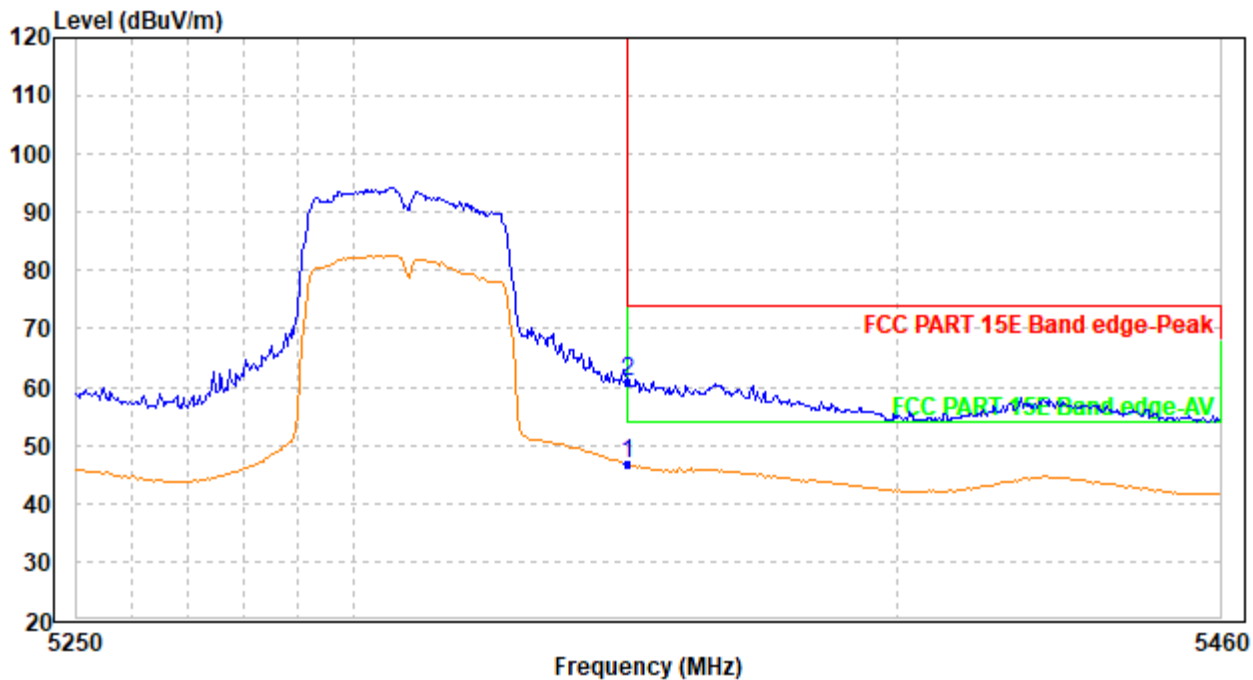
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Test Channel:	5G_N40_5310	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5350.000	60.02	74.00	46.40	54.00	PASS

Test Channel:	5G_N40_5310	Ant Polar:	Vertical
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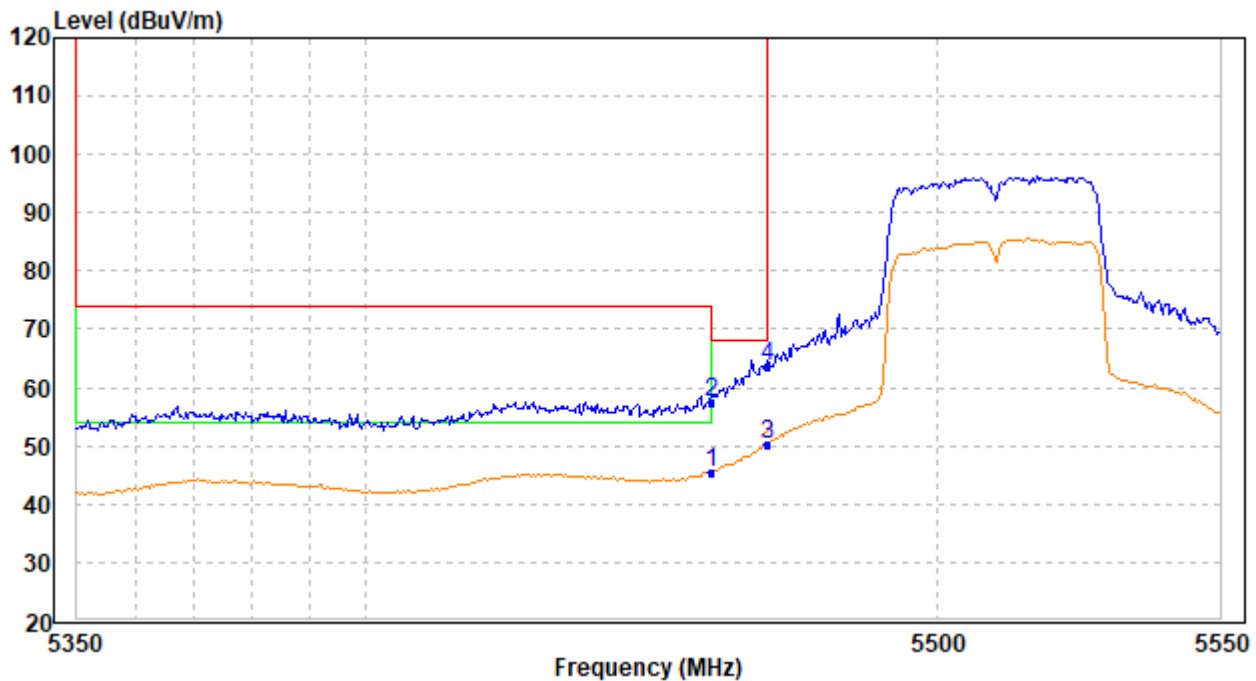


Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5350.000	60.83	74.00	46.85	54.00	PASS

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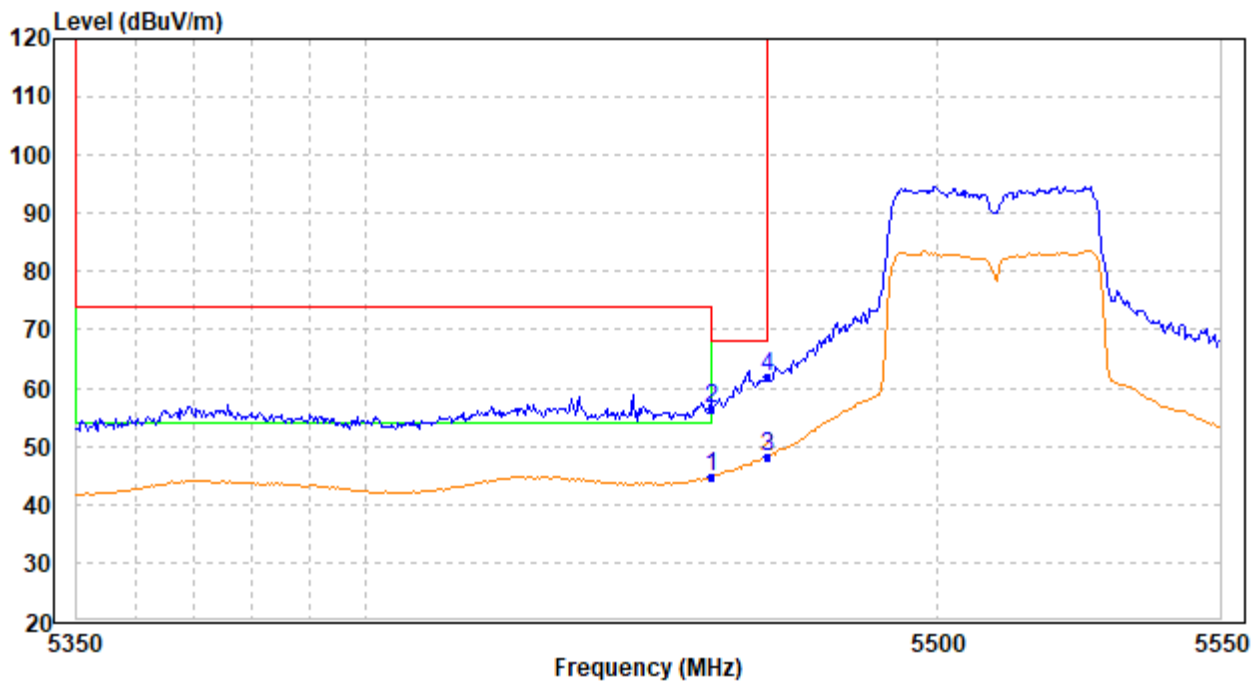
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Test Channel:	5G_N40_5510	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dB μ V/m)	Peak Limit (dB μ V/m)	AV level (dB μ V/m)	AV Limit (dB μ V/m)	Conclusion
5460.000	57.60	68.20	45.57	54.00	PASS
5470.000	63.47	68.20	50.15	68.20	PASS

Test Channel:	5G_N40_5510	Ant Polar:	Vertical
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Frequency (MHz)	Peak level (dB μ V/m)	Peak Limit (dB μ V/m)	AV level (dB μ V/m)	AV Limit (dB μ V/m)	Conclusion
5460.000	56.36	68.20	44.68	54.00	PASS
5470.000	61.87	68.20	48.19	68.20	PASS

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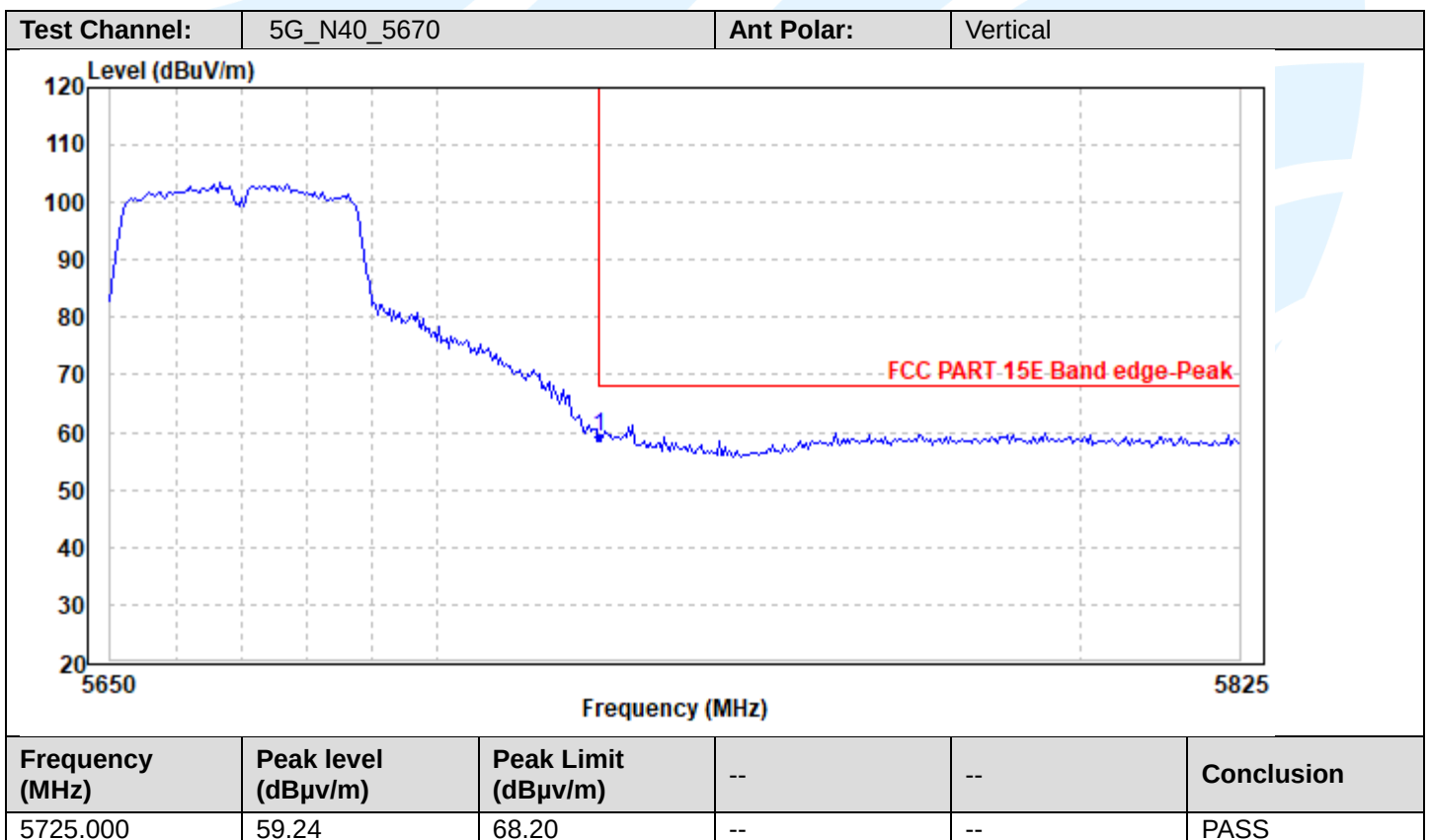
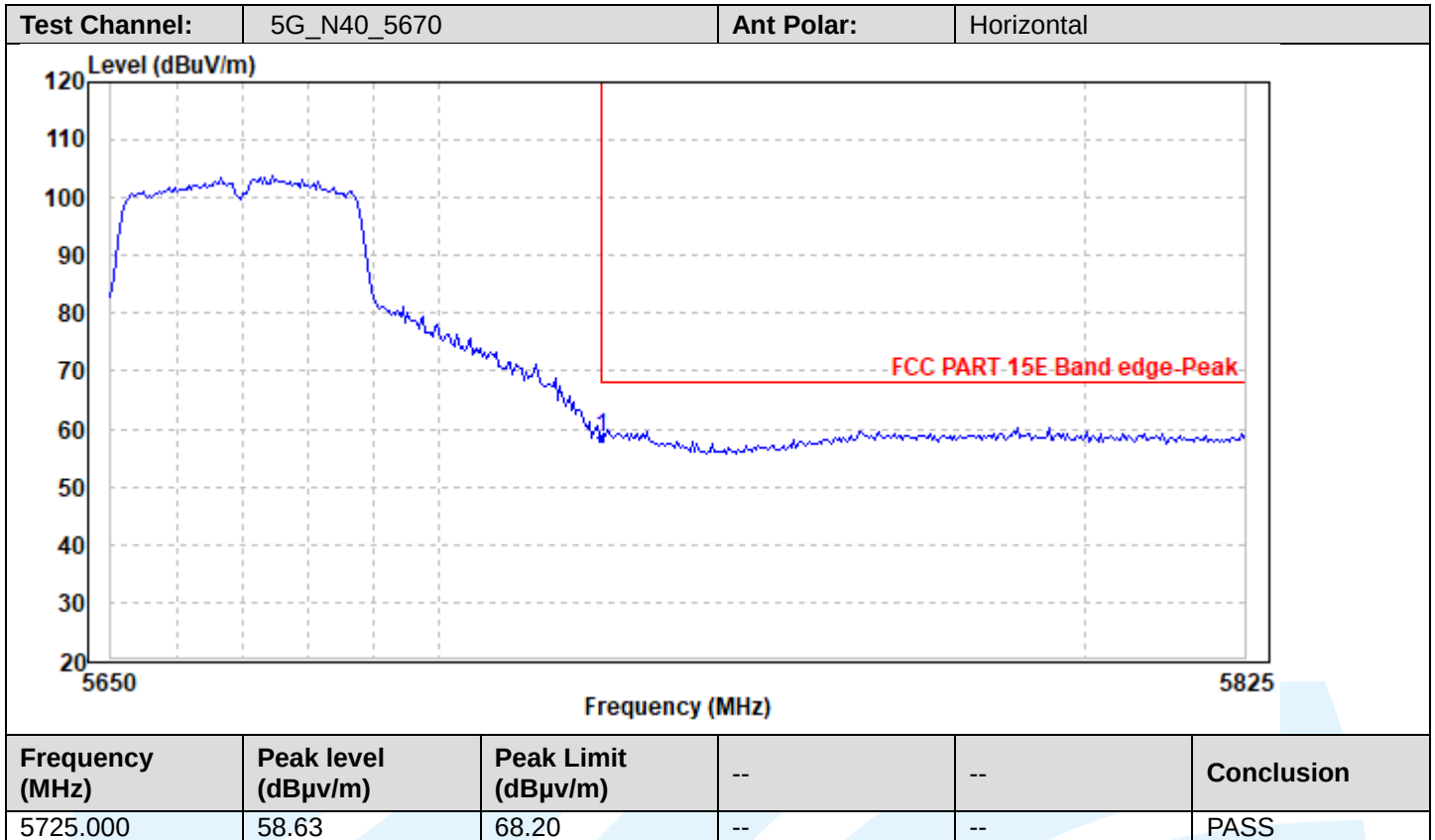
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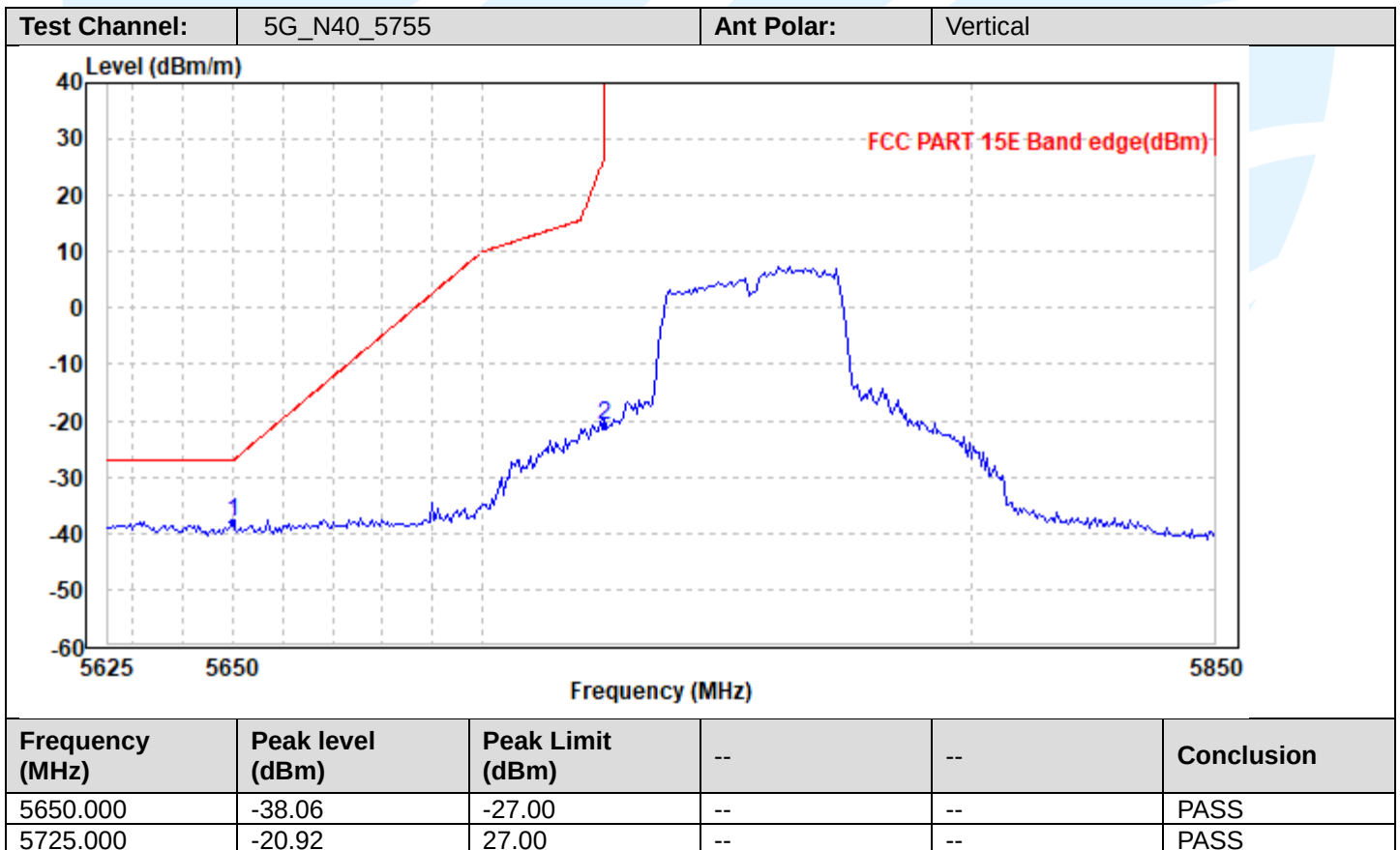
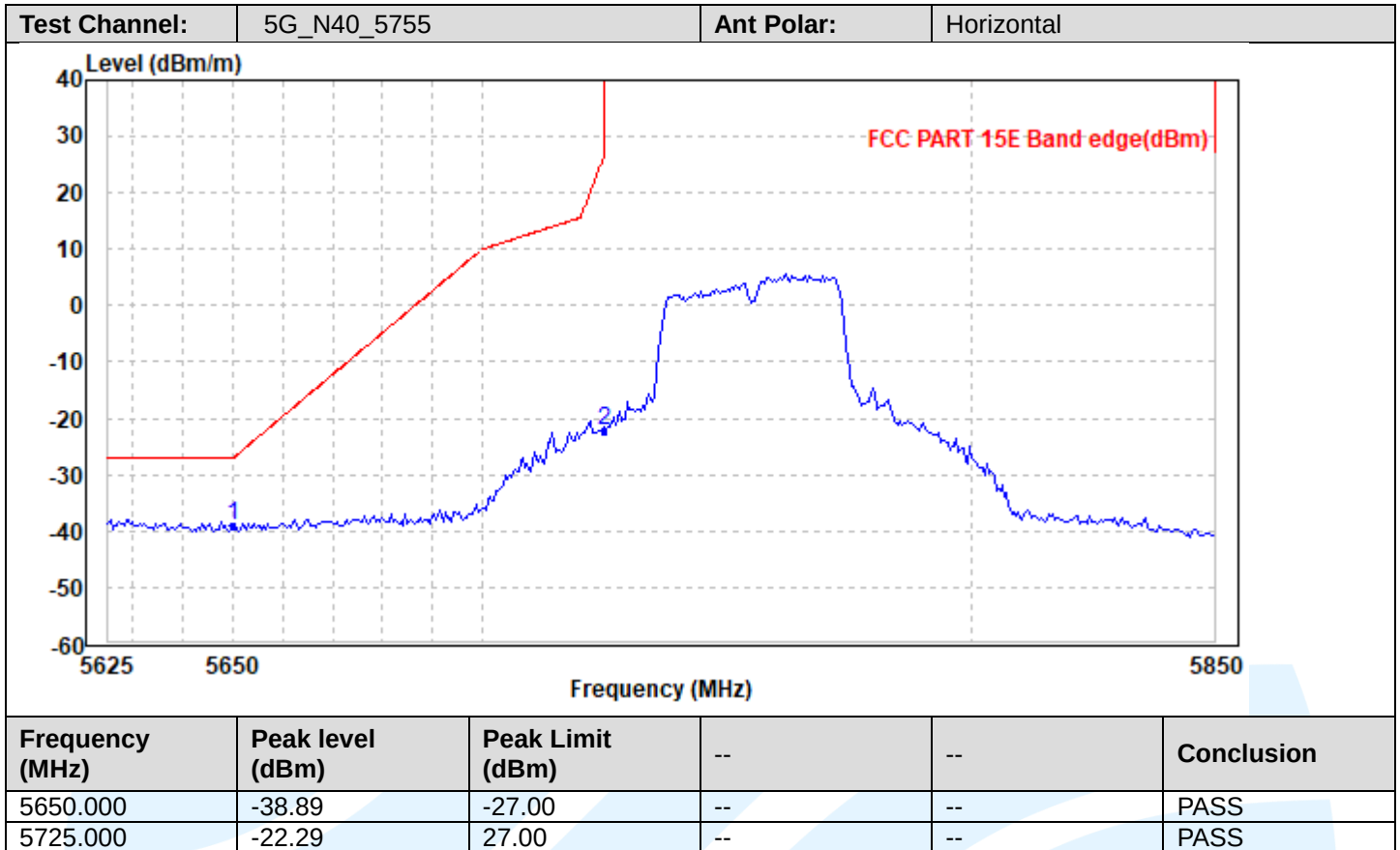
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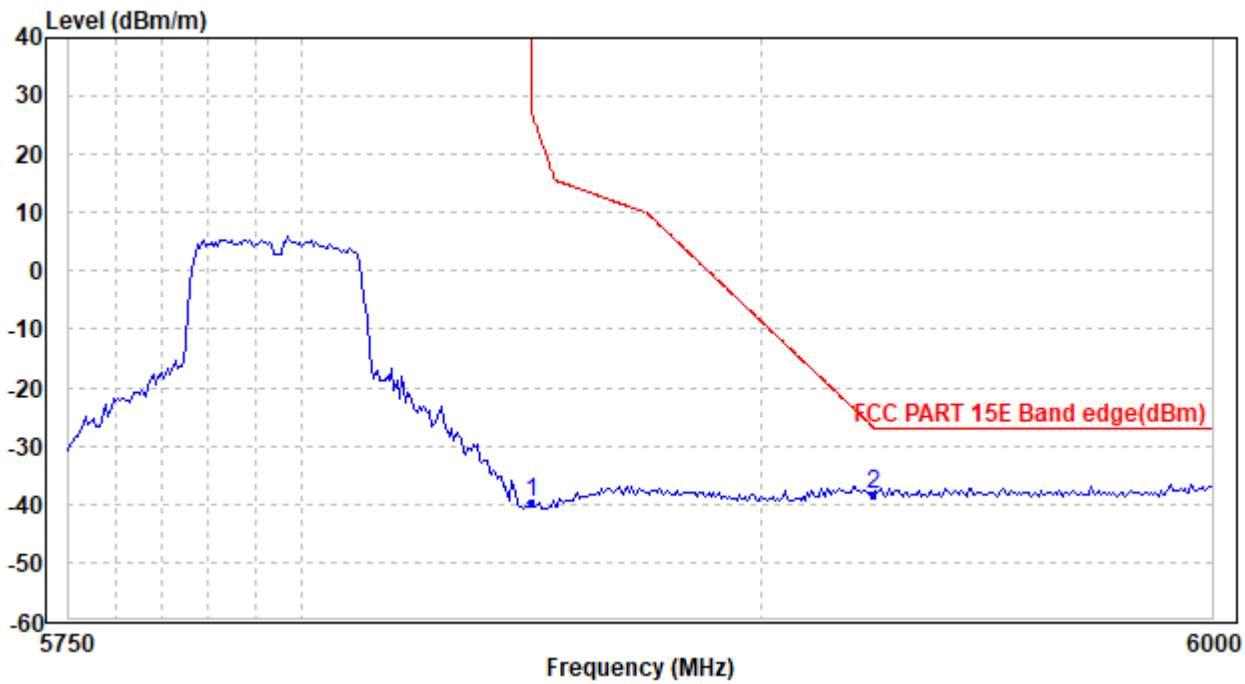
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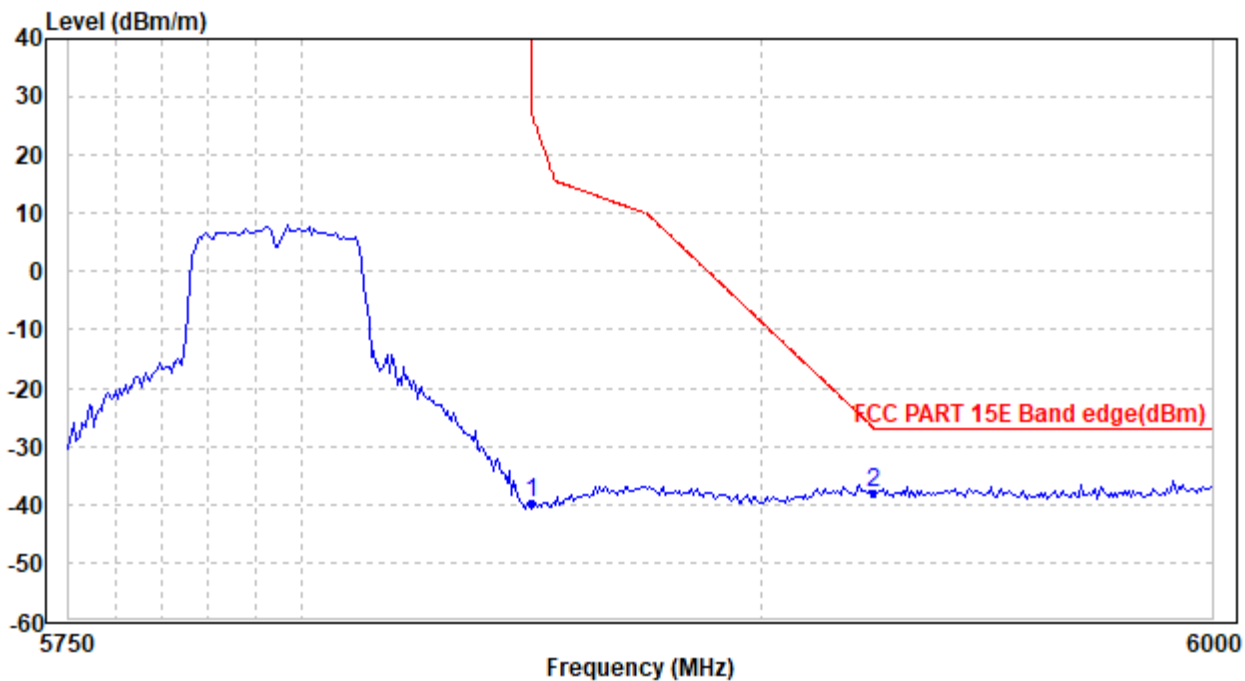
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Test Channel:	5G_N40_5795	Ant Polar:	Horizontal
---------------	-------------	------------	------------



Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	--	--	Conclusion
5850.000	-39.73	27.00	--	--	PASS
5925.000	-38.28	-27.00	--	--	PASS

Test Channel:	5G_N40_5795	Ant Polar:	Vertical
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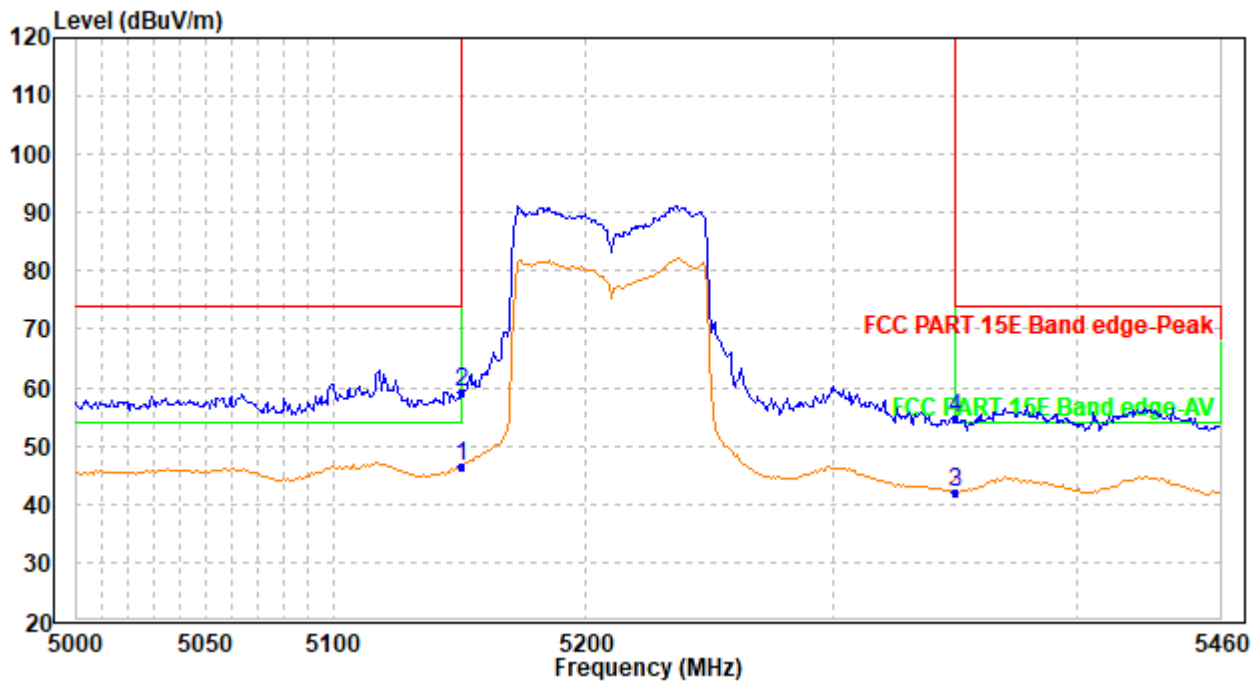


Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	--	--	Conclusion
5850.000	-39.81	27.00	--	--	PASS
5925.000	-37.98	-27.00	--	--	PASS

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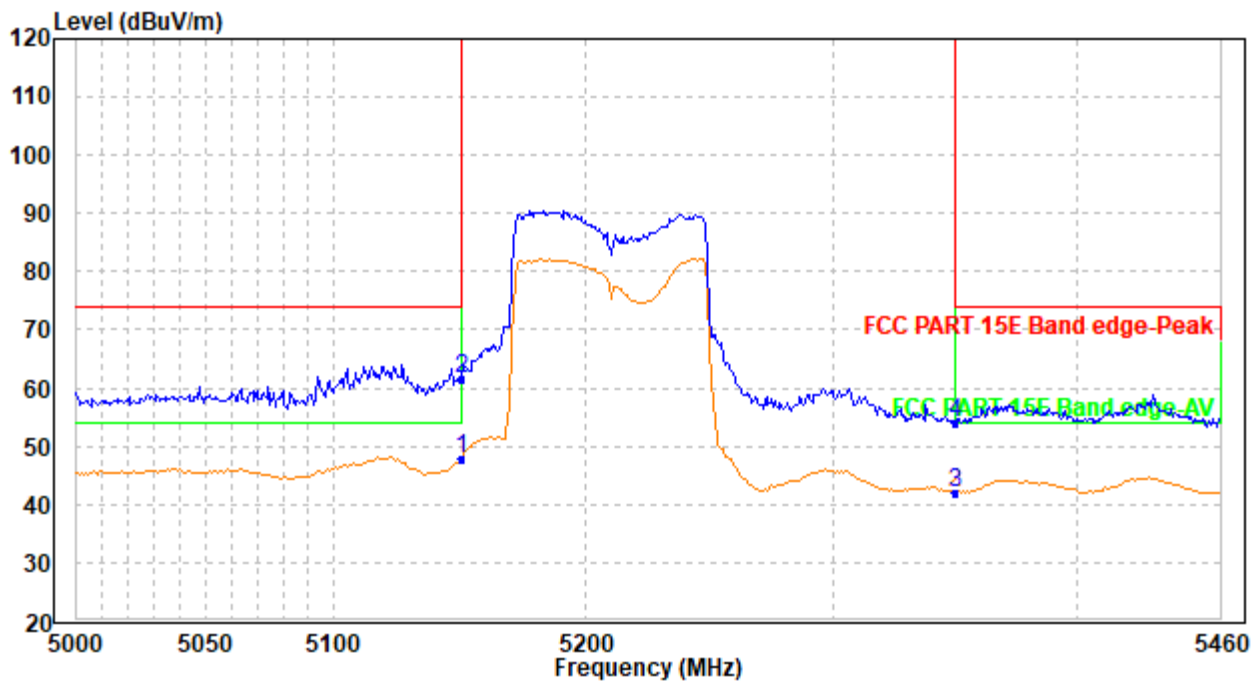
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Test Channel:	5G_AC80_5210	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5150.000	59.11	74.00	46.62	54.00	PASS
5350.000	54.74	74.00	42.09	54.00	PASS

Test Channel:	5G_AC80_5210	Ant Polar:	Vertical
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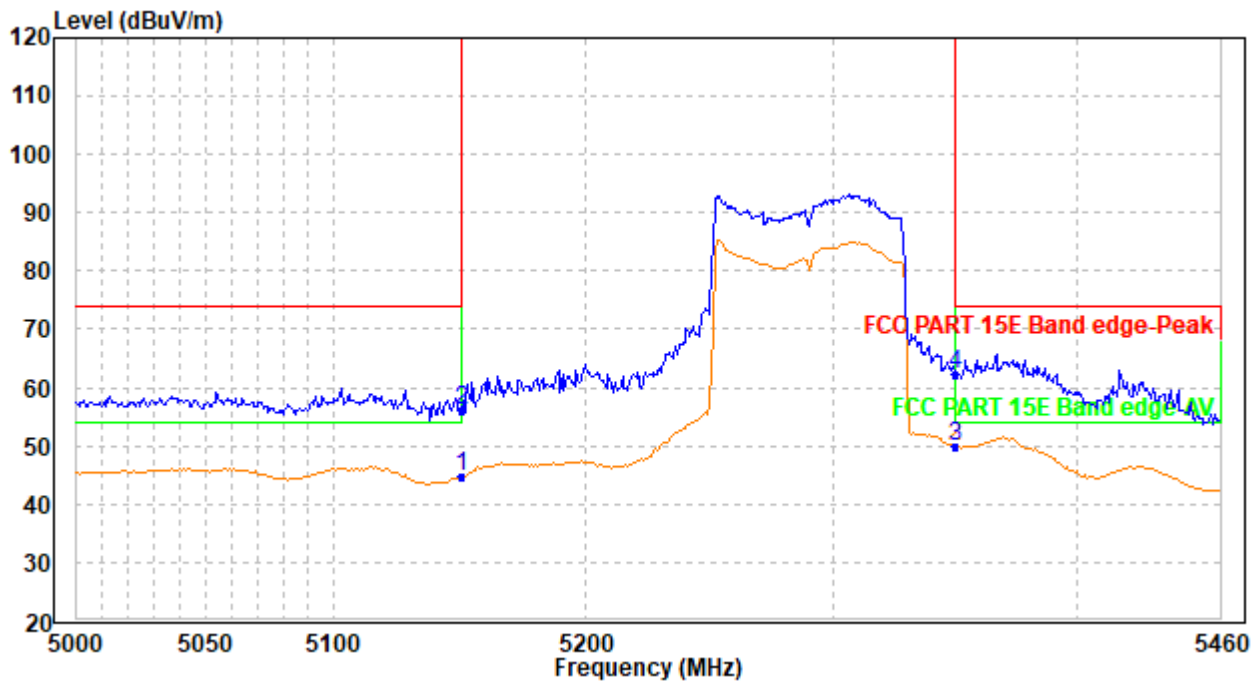


Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5150.000	61.71	74.00	47.91	54.00	PASS
5350.000	53.96	74.00	41.96	54.00	PASS

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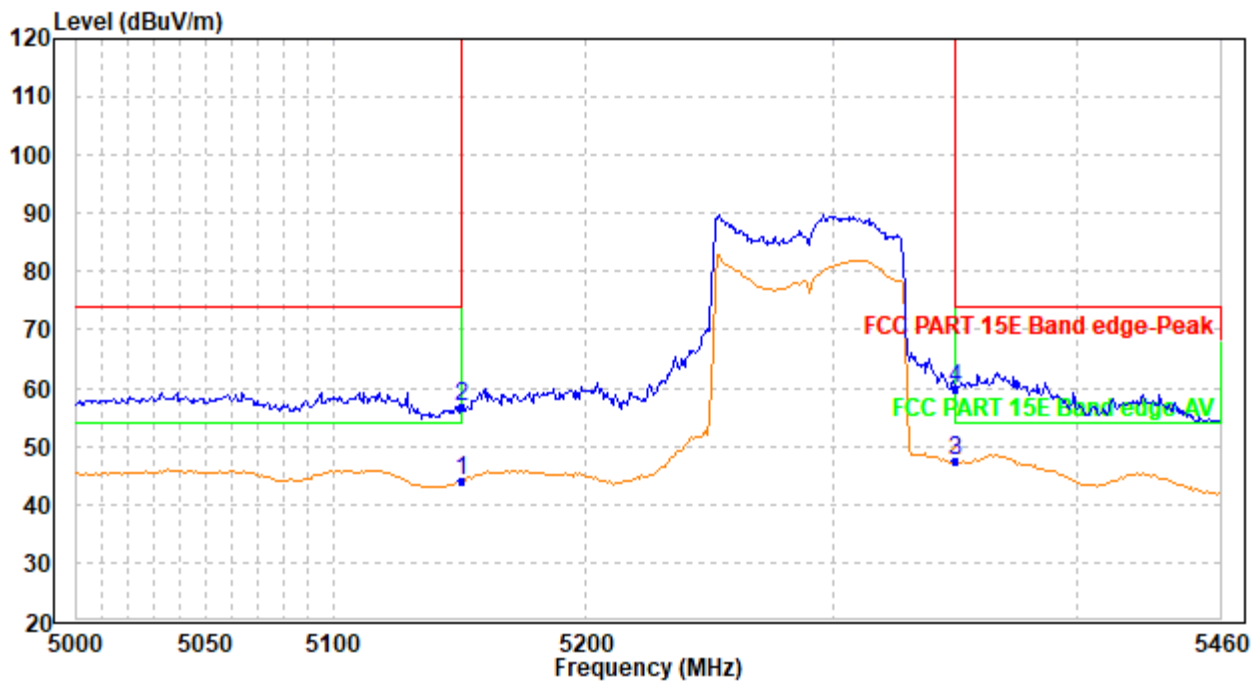
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Test Channel:	5G_AC80_5290	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5150.000	56.20	74.00	44.66	54.00	PASS
5350.000	62.19	74.00	50.00	54.00	PASS

Test Channel:	5G_AC80_5290	Ant Polar:	Vertical
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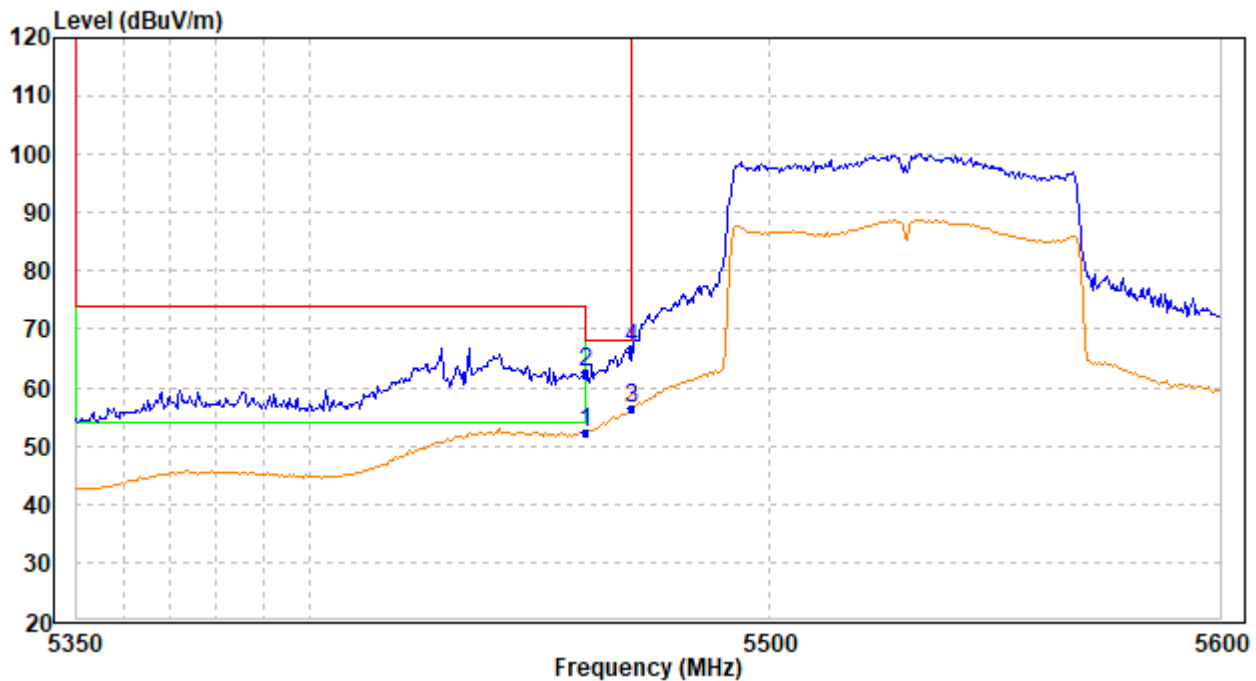


Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5150.000	56.64	74.00	43.90	54.00	PASS
5350.000	59.73	74.00	47.60	54.00	PASS

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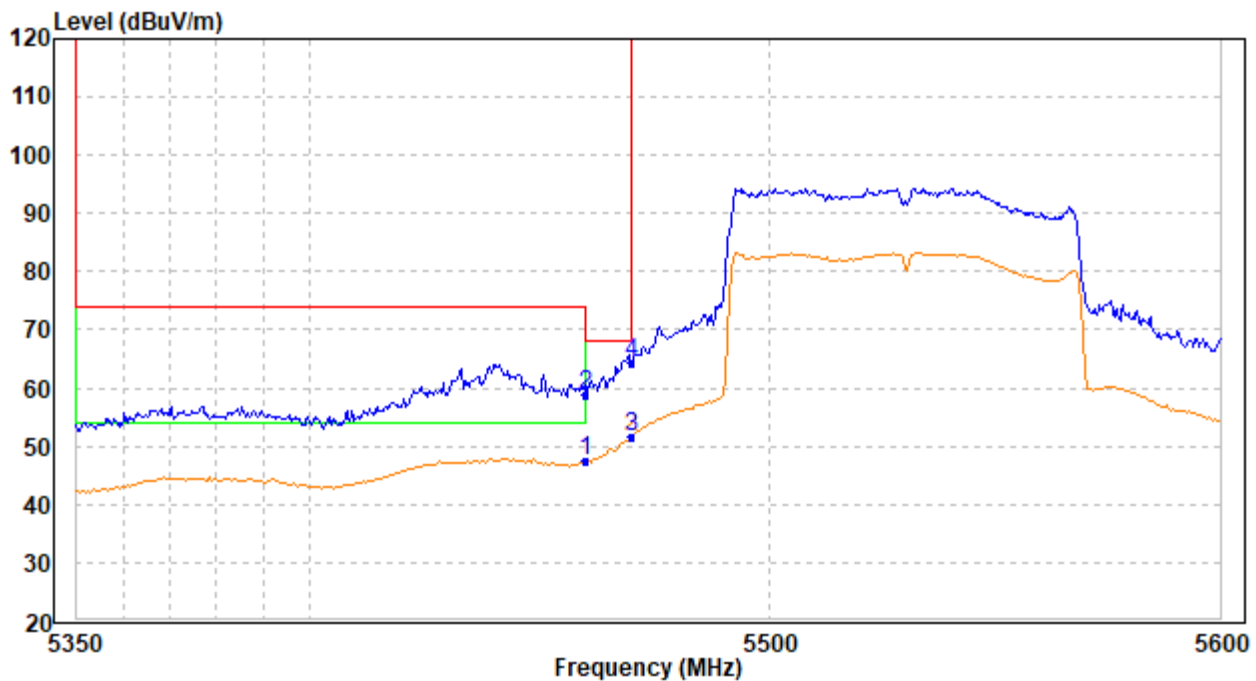
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Test Channel:	5G_AC80_5530	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5460.000	62.62	68.20	52.34	54.00	PASS
5470.000	66.60	68.20	56.58	68.20	PASS

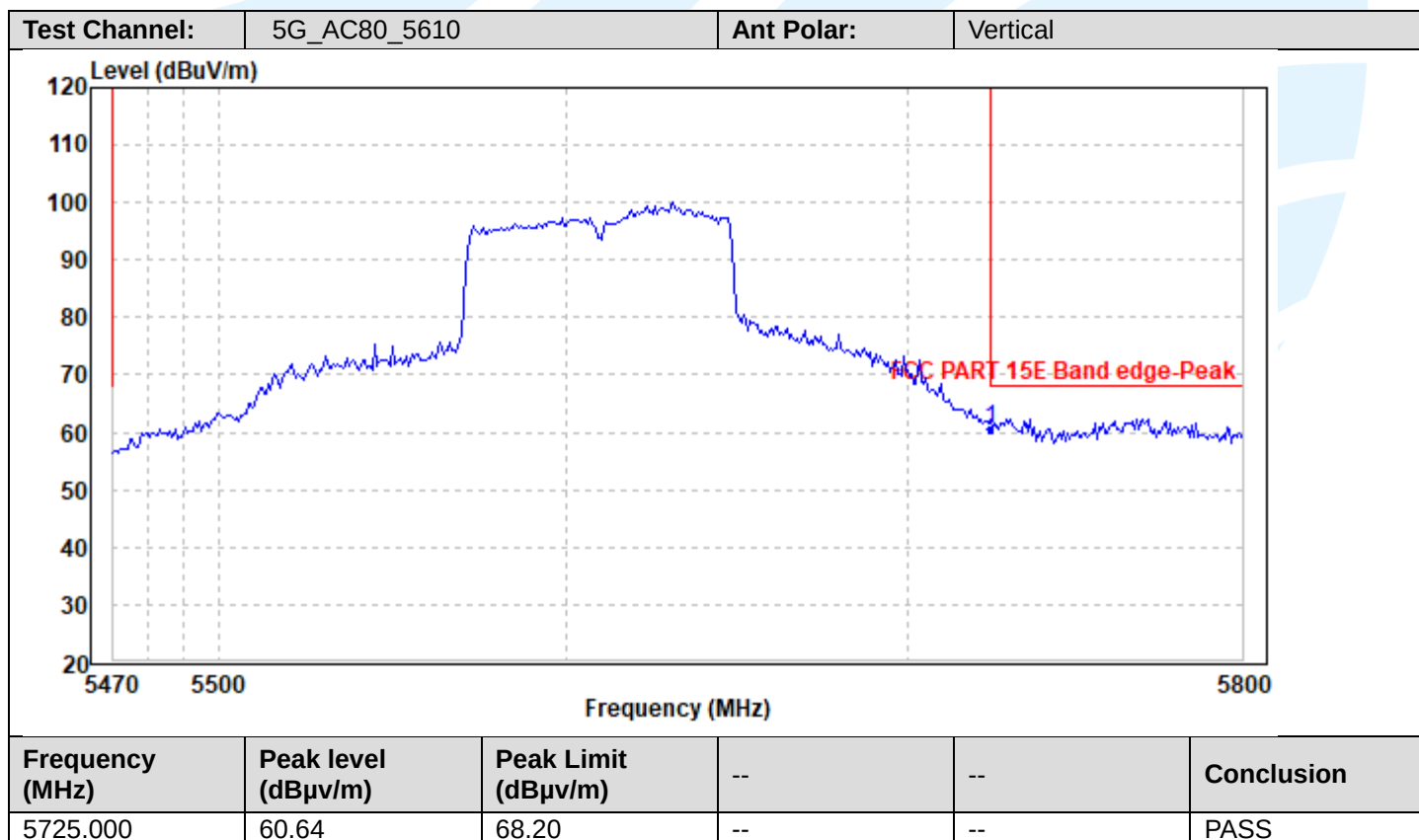
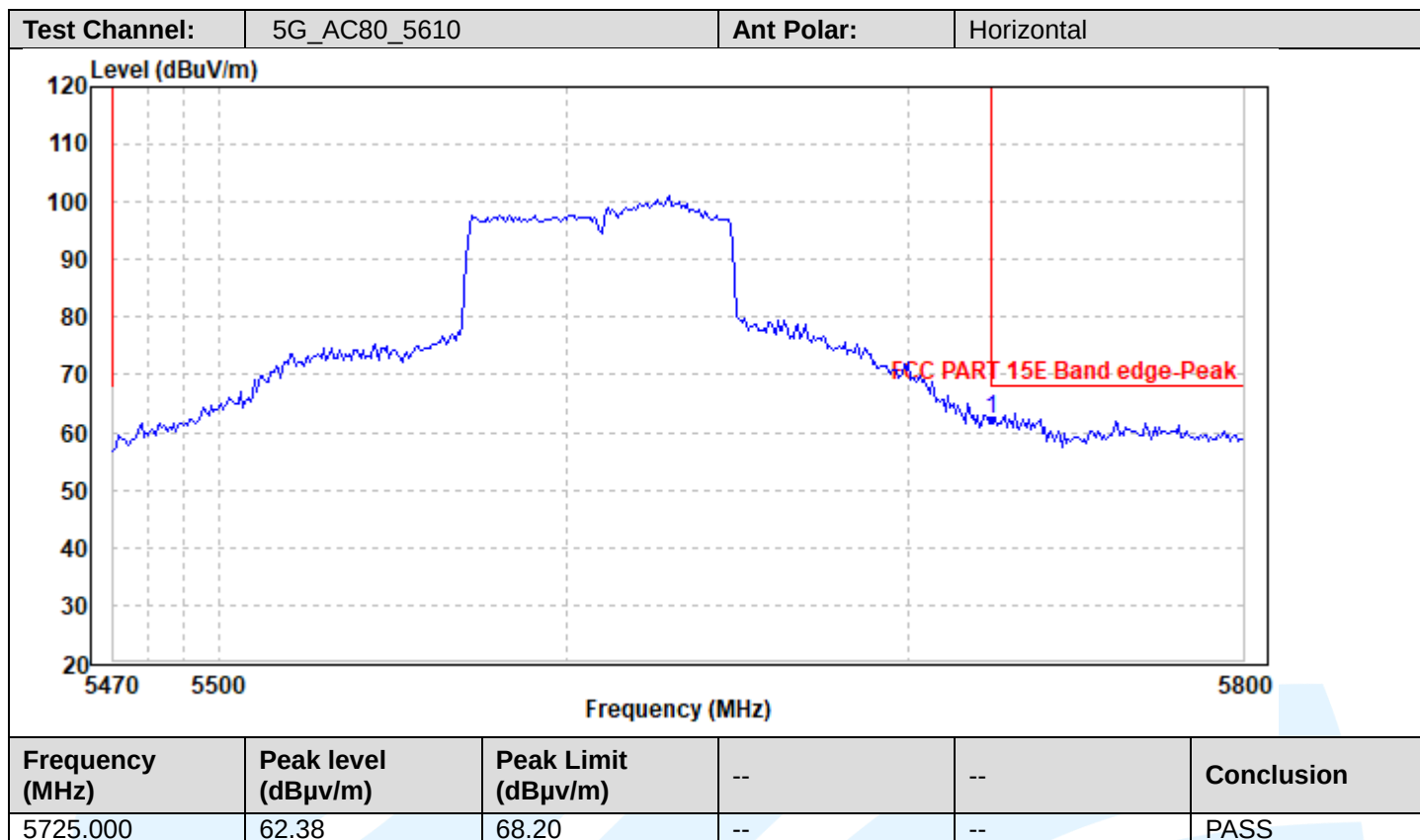
Test Channel:	5G_AC80_5530	Ant Polar:	Vertical
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Frequency (MHz)	Peak level (dBμv/m)	Peak Limit (dBμv/m)	AV level (dBμv/m)	AV Limit (dBμv/m)	Conclusion
5460.000	58.76	68.20	47.33	54.00	PASS
5470.000	64.38	68.20	51.71	68.20	PASS

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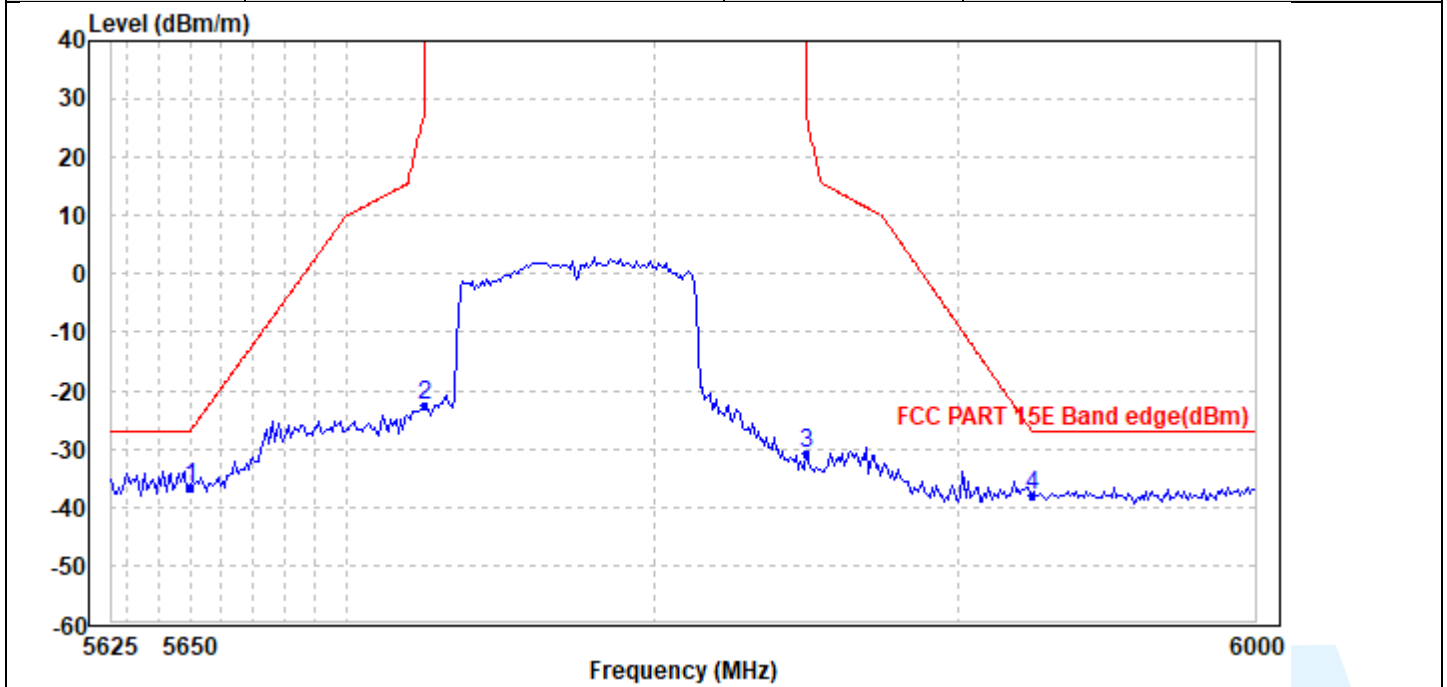
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Test Channel:	5G_AC80_5775	Ant Polar:	Horizontal
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Frequency (MHz)	Peak level (dBm)	Peak Limit (dBm)	--	--	Conclusion
5650.000	-36.61	-27.00	--	--	PASS
5725.000	-22.39	27.00	--	--	PASS
5850.000	-30.94	27.00	--	--	PASS
5925.000	-38.00	-27.00	--	--	PASS

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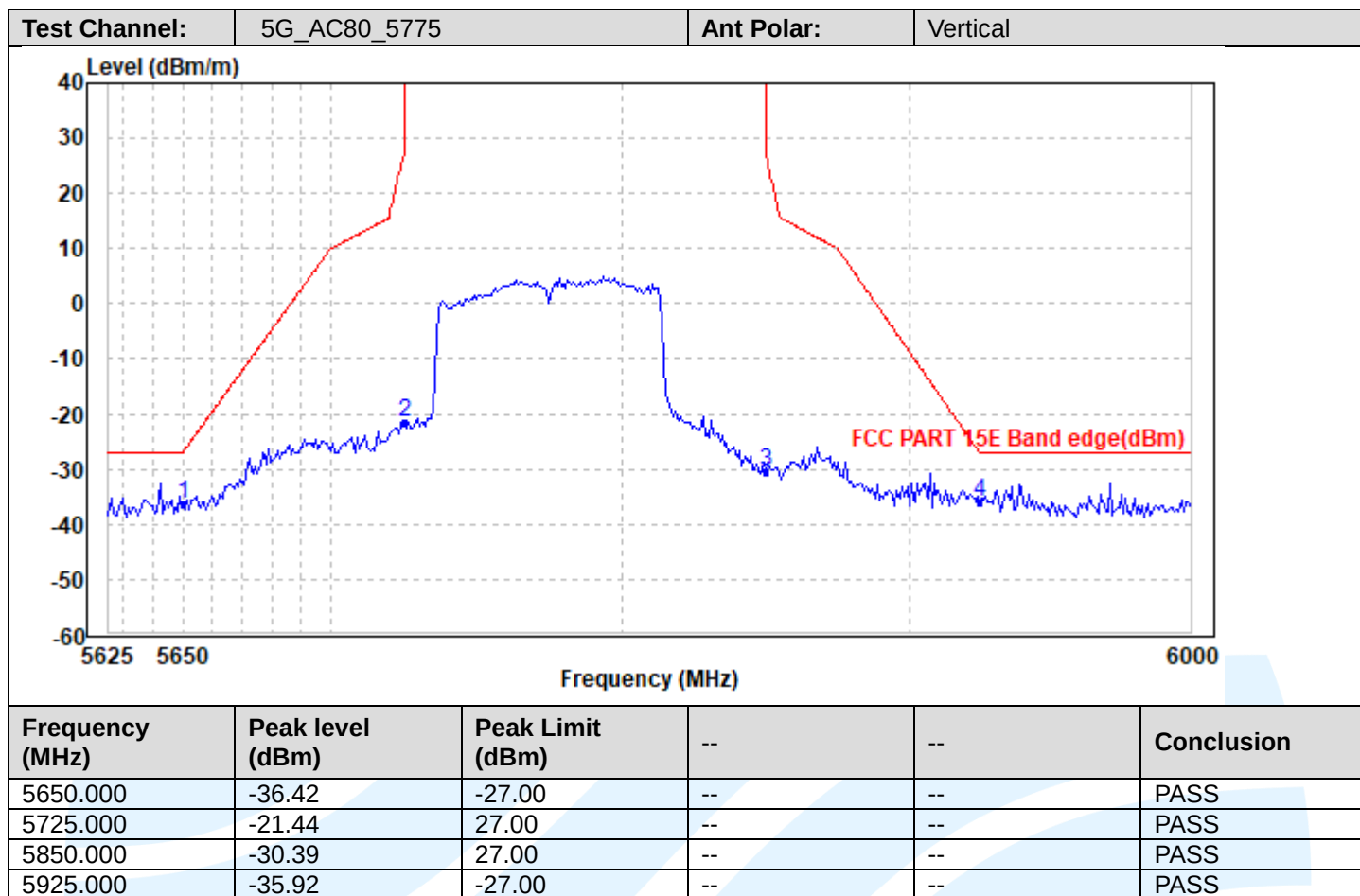
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5.9 DYNAMIC FREQUENCY SELECTION

Test Requirement: FCC 47 CFR Part 15 Subpart E Section 15.407 (h)

Test Method: KDB 905462 D03 Client Without DFS New Rules v01r02

EUT Operating Mode:

DFS Operational mode	Operating Frequency Range	
	5250 MHz to 5350 MHz	5470 MHz to 5725 MHz
Slave without radar Interference detection function	✓	✓

Applicability:

The following table from KDB905462 and the lists of the applicable requirements for the DFS testing.

Applicability of DFS Requirements Prior to Use of a Channel:

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
Non-Occupancy Period	✓	Not required	Yes
DFS Detection Threshold	✓	Not required	Yes
Channel Availability Check Time	✓	Not required	Not required
U-NII Detection Bandwidth	✓	Not required	Yes

Applicability of DFS requirements during normal operation:

Requirement	Operational Mode	
	Master Device or Client with Radar Detection	Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required
Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.

DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection:

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64dBm

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

DFS Radar Signal Parameter Values:

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds (See Note 1.)
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. (See Notes 1 and 2.)
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. (See Note 3.)

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

DFS Radar Signal Parameter:

Radar Type 0 was used in the evaluation of the Client device for the purpose of measuring the Channel Move Time and the Channel Closing Transmission Time

Table 1-Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Trials
0	1	1428	18	See Note 1.	See Note 1.
1	1	Test A Test B	$\text{Roundup} \left\{ \left(\frac{1}{\left(\frac{360}{19 \cdot 10^6} \right) \cdot \text{PRI}_{\mu\text{sec}}} \right) \right\}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.

Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a

Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms.

If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.

The aggregate is the average of the percentage of successful detections of short pulse radar types

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1-4

Table 2-Long Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Table 3-Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Trials
6	1	333	9	0.333	300	70%	30

In-Service Monitoring: Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period

Limit of In-Service Monitoring:

Reference to DFS Radar Signal Parameter Values.

Test Procedures:

- One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals are detected, another frequency must be selected within the emission bandwidth where control signals are detected.
- In case the EUT is a Master Device, a U-NII device operating as a Client Device will be used and it is assumed that the Client will associate with the EUT (Master). For radiated tests, the emissions of the Radar Waveform generator will be directed towards the Master Device. If the Master Device has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
- The TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.
- Timing plots are reported with calculations demonstrating a minimum channel loading of approximately 17% or greater. For example, channel loading can be estimated by setting the spectrum analyzer for zero span and approximate the Time On/ (Time On + Off Time).
- At time T₀ the Radar Waveform generator sends a Burst of pulses for one of the Short Pulse Radar Types 1-4 at DFS Detection Threshold levels on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
- Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). Measure and record the Channel Move Time and Channel Closing Transmission Time if radar detection occurs.
- When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T₂ to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.

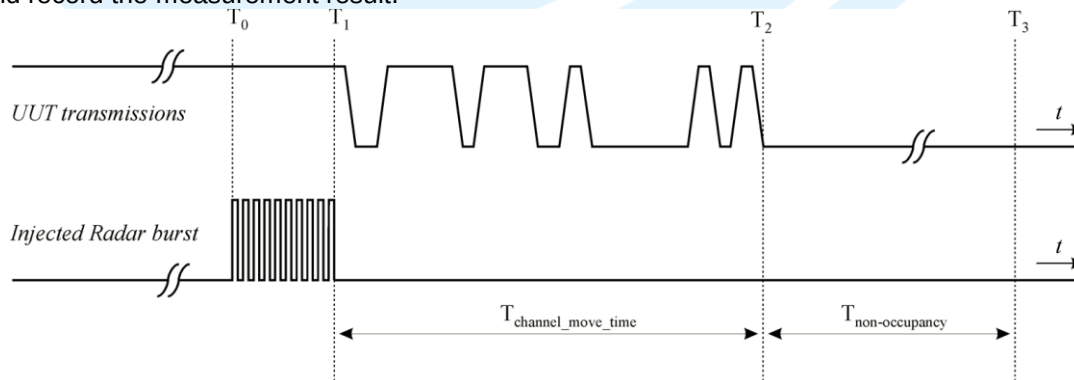


Figure 17: Channel Closing Transmission Time, Channel Move Time and Non-Occupancy Period

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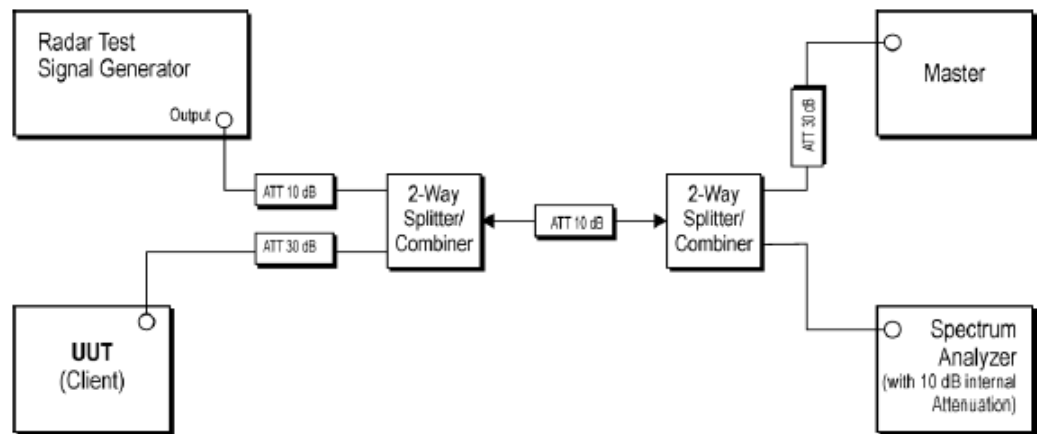
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Conducted test setup



Setup for Client with injection at the Master

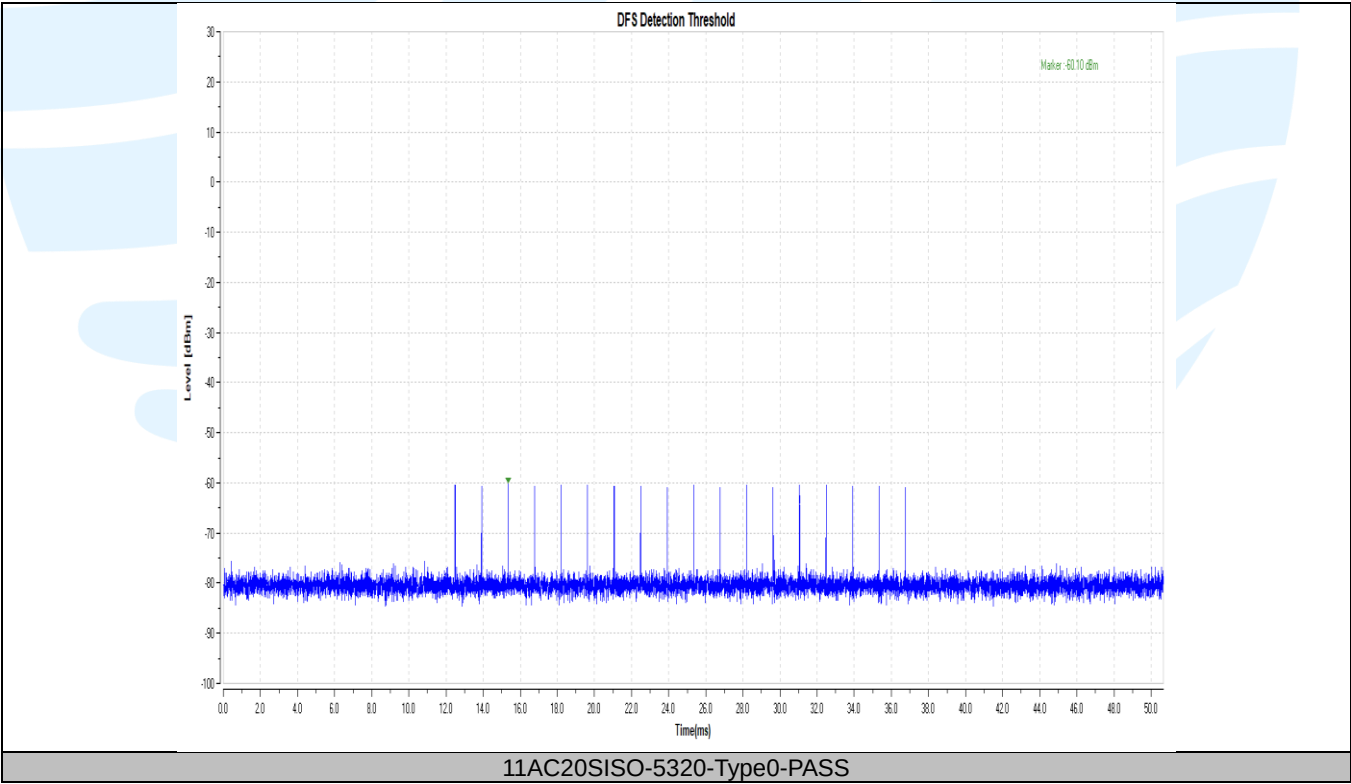
Equipment Used: Refer to section 3 for details.

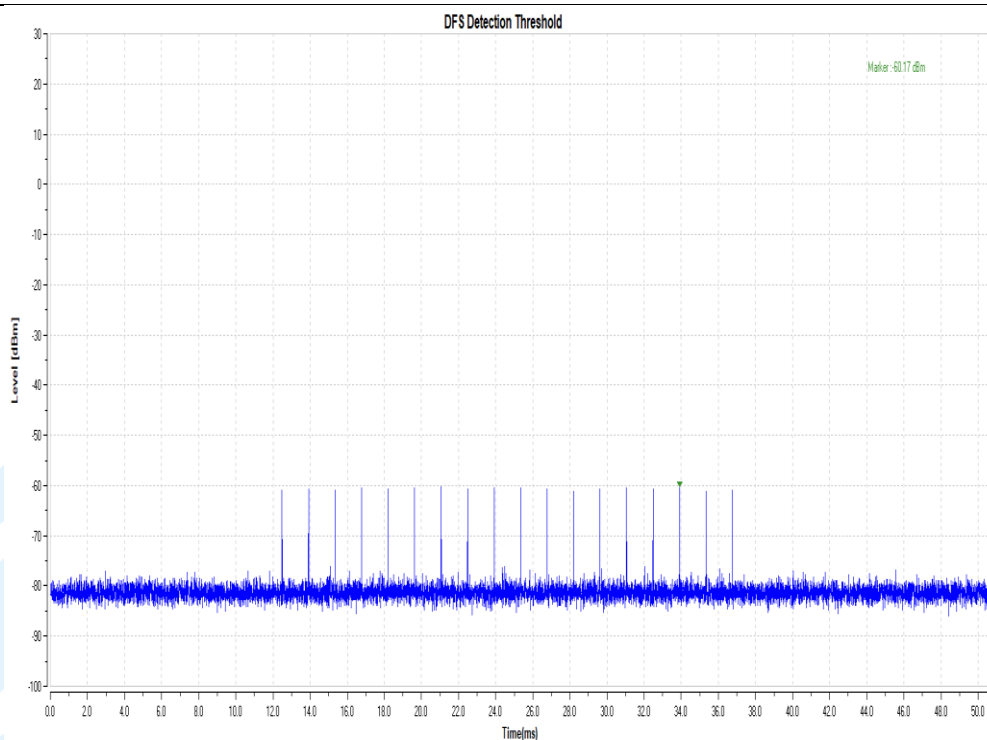
Test Result: Result of Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Tes

The measurement data as follows:

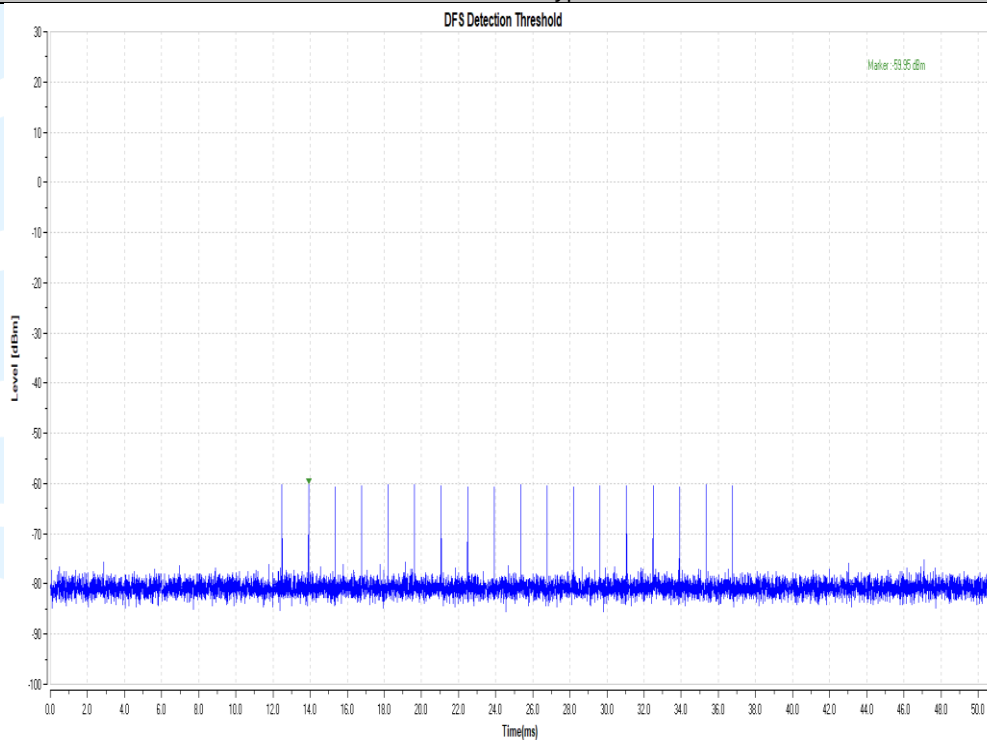
DFS Detection Thresholds

Test Mode	Frequency [MHz]	Radar Type	Result	Limit [dbm]	Verdict
11AC20SISO	5320	Type0	-60.10	-59.90	PASS
11AC20SISO	5500	Type0	-60.17	-59.90	PASS
11AC80SISO	5290	Type0	-59.95	-59.90	PASS
11AC80SISO	5530	Type0	-59.96	-59.90	PASS

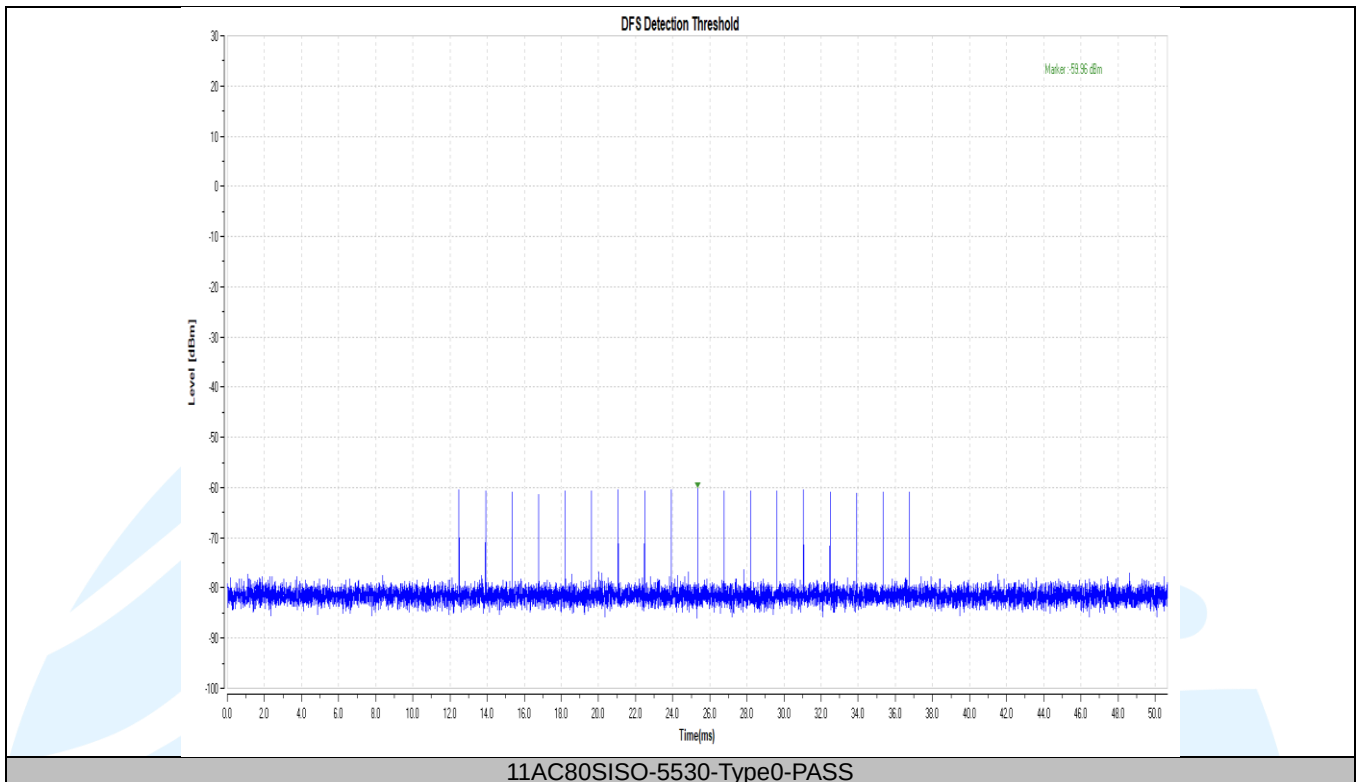




11AC20SISO-5500-Type0-PASS

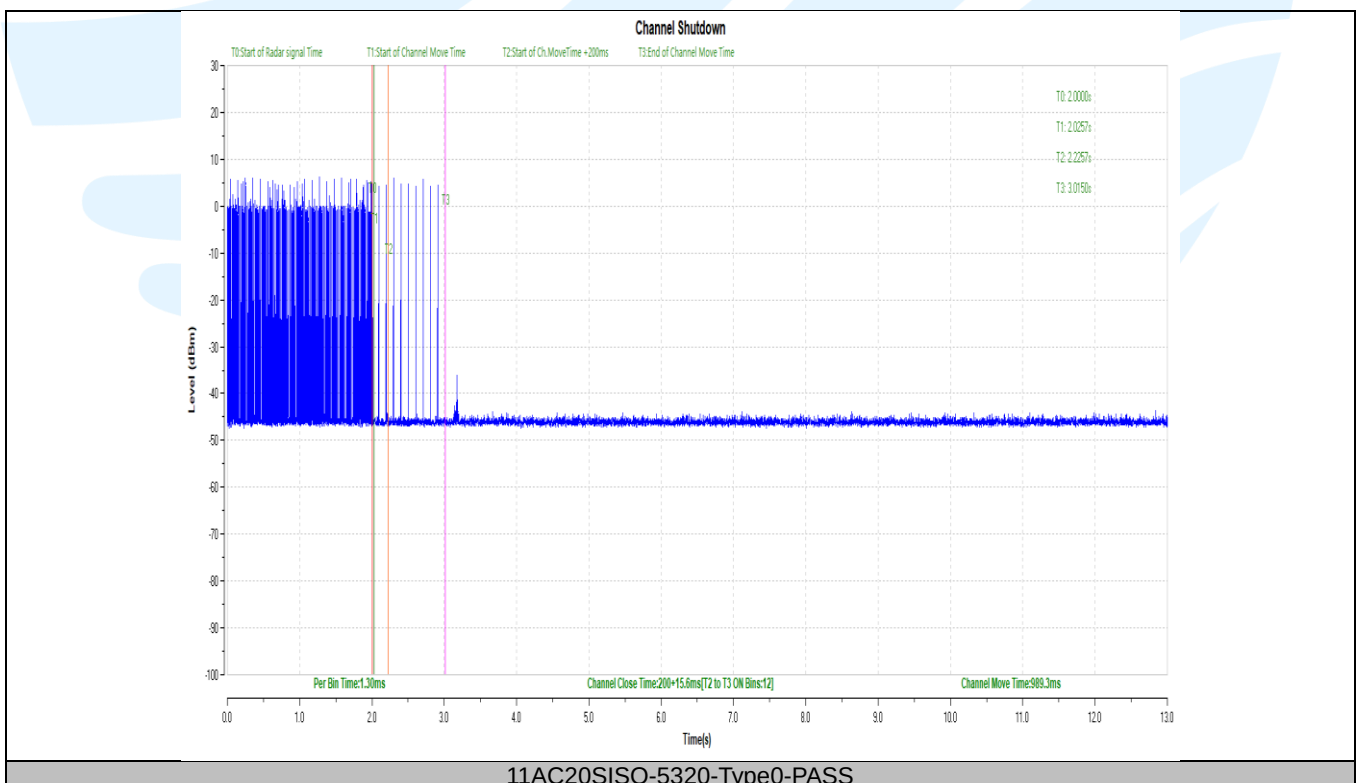


11AC80SISO-5290-Type0-PASS



Channel Move Time and Channel Closing Transmission Time

Test Mode	Frequency [MHz]	CCTT [ms]	Limit [ms]	CMT [ms]	Limit [ms]	Verdict
11AC20SISO	5320	200+15.6	200+60	989.3	10000	PASS
11AC20SISO	5500	200+18.2	200+60	1046.5	10000	PASS
11AC80SISO	5290	200+15.6	200+60	1017.9	10000	PASS
11AC80SISO	5530	200+15.6	200+60	960.7	10000	PASS



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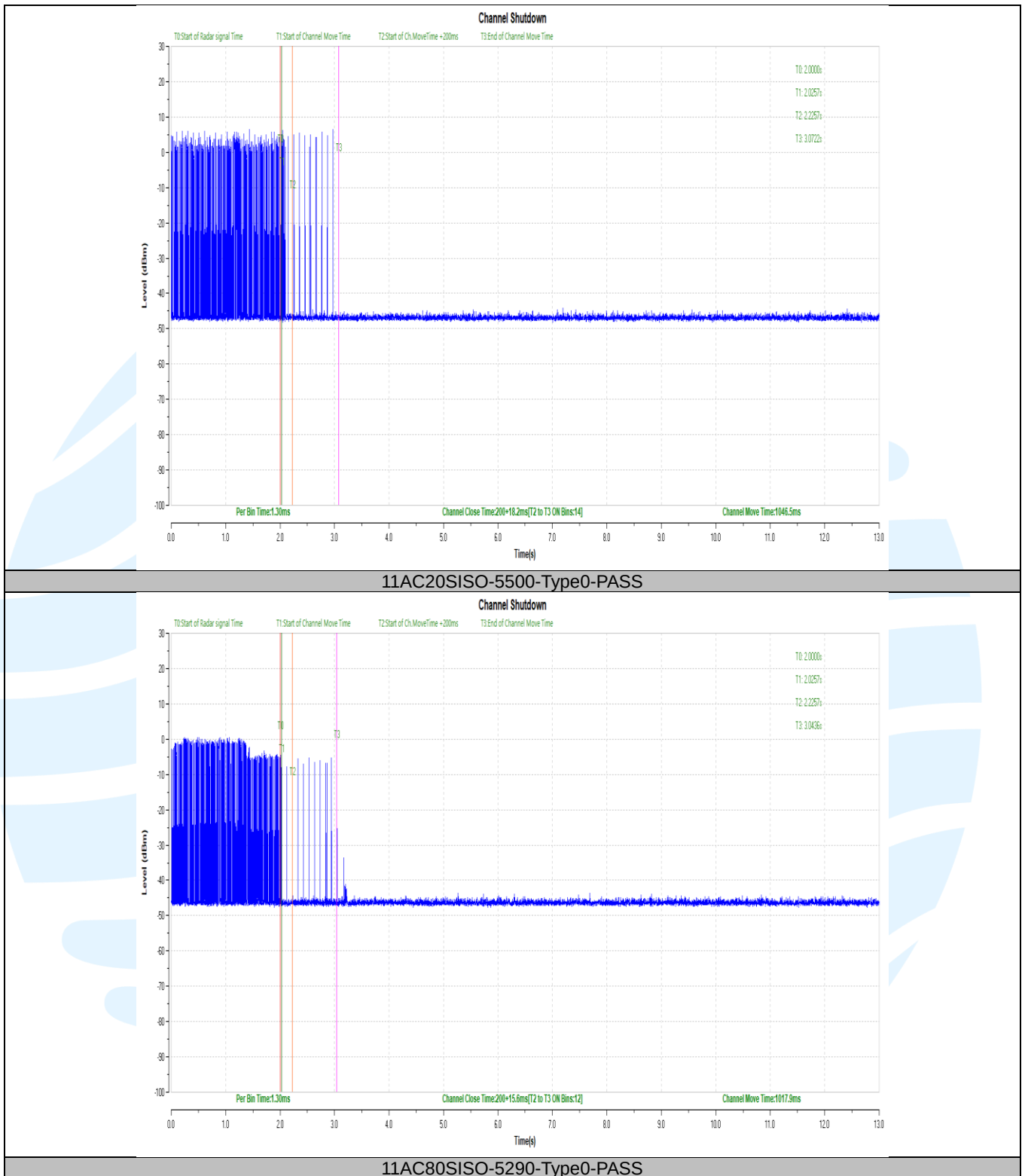
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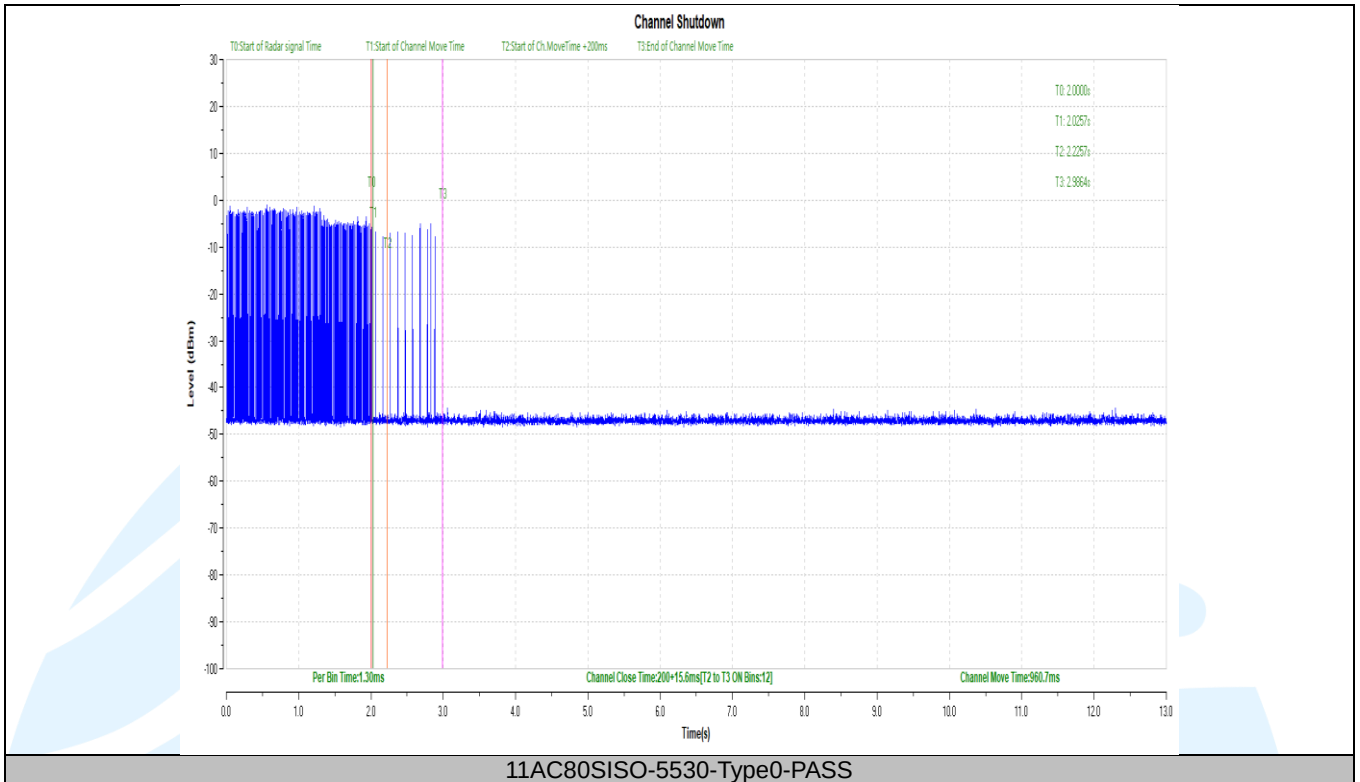
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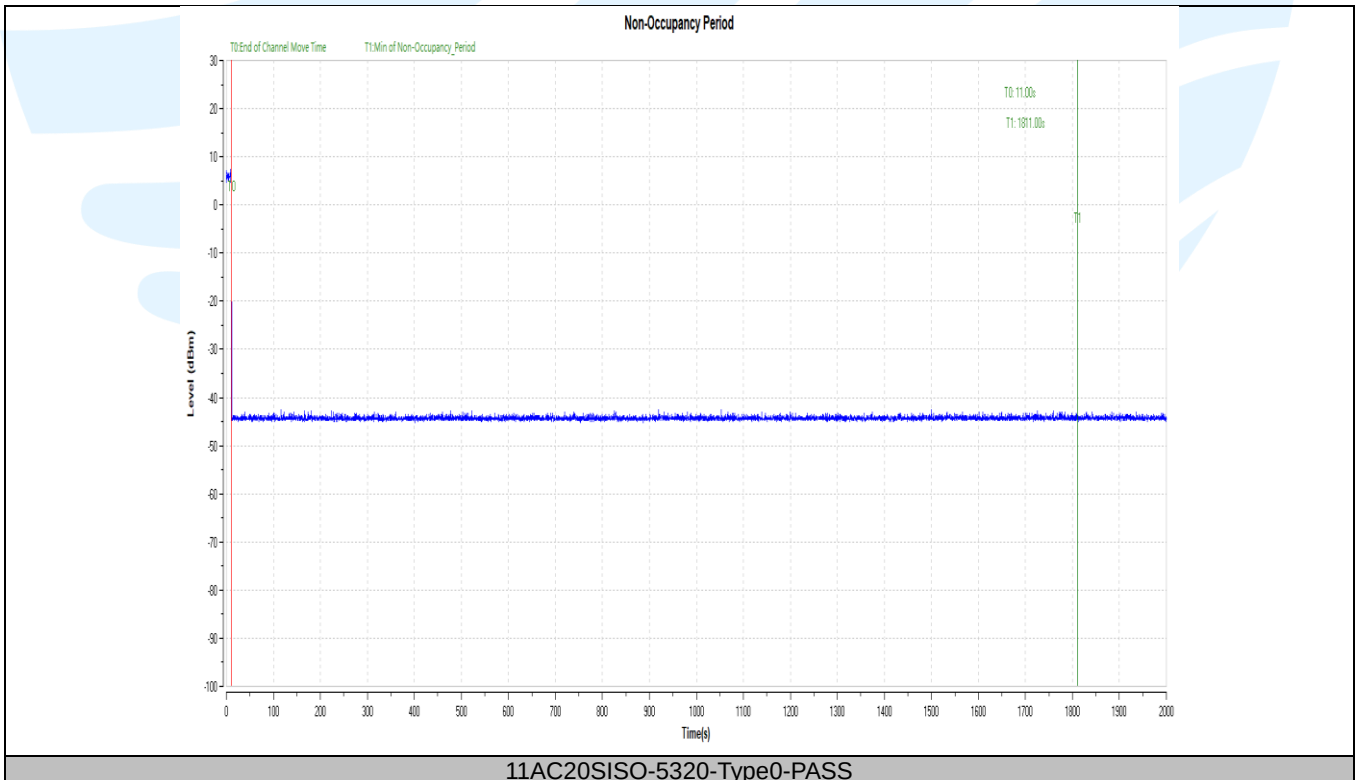
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Non-Occupancy Period

Test Mode	Frequency [MHz]	Result	Limit [s]	Verdict
11AC20SISO	5320	see test graph	≥1800	PASS
11AC20SISO	5500	see test graph	≥1800	PASS
11AC80SISO	5290	see test graph	≥1800	PASS
11AC80SISO	5530	see test graph	≥1800	PASS



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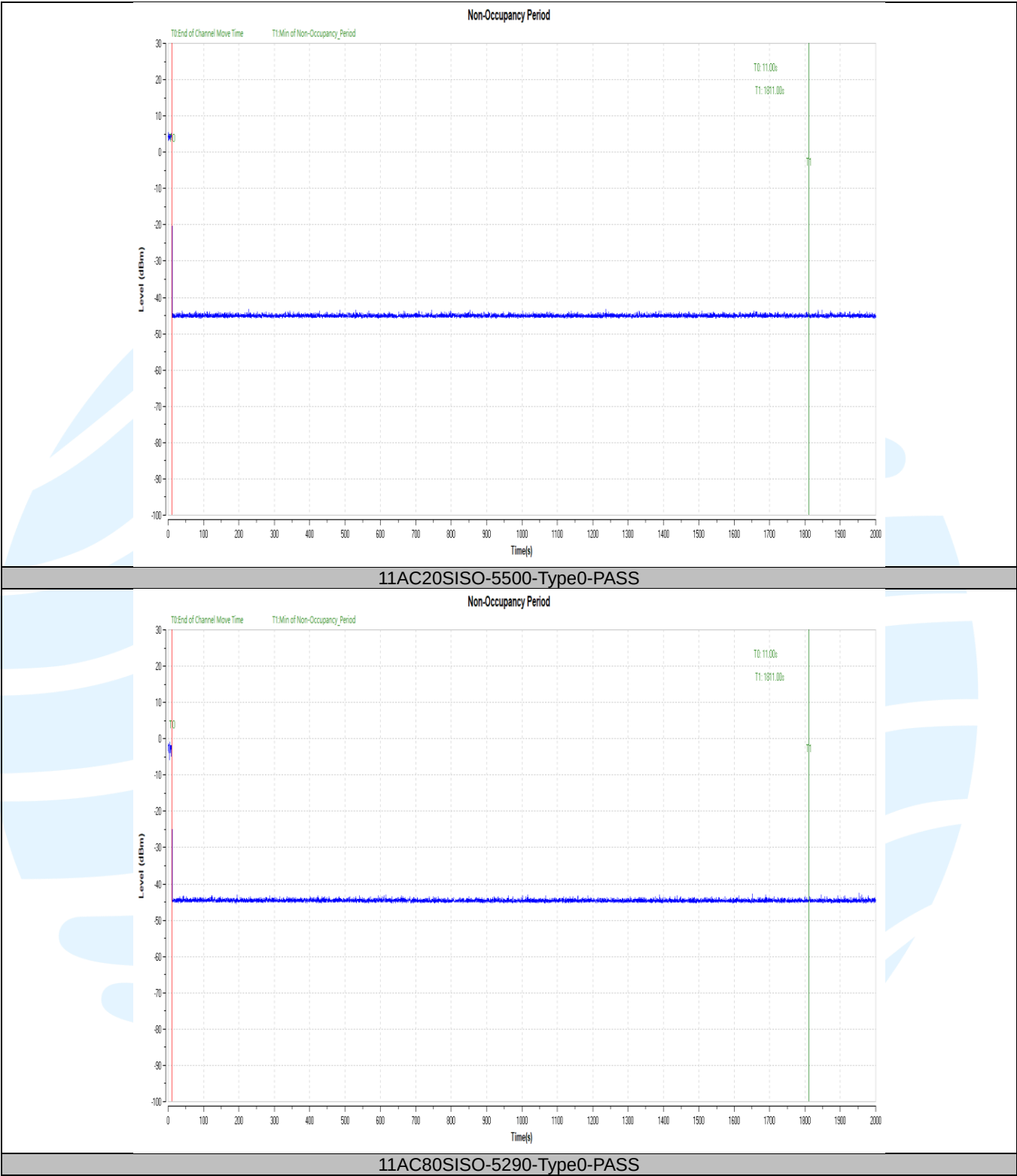
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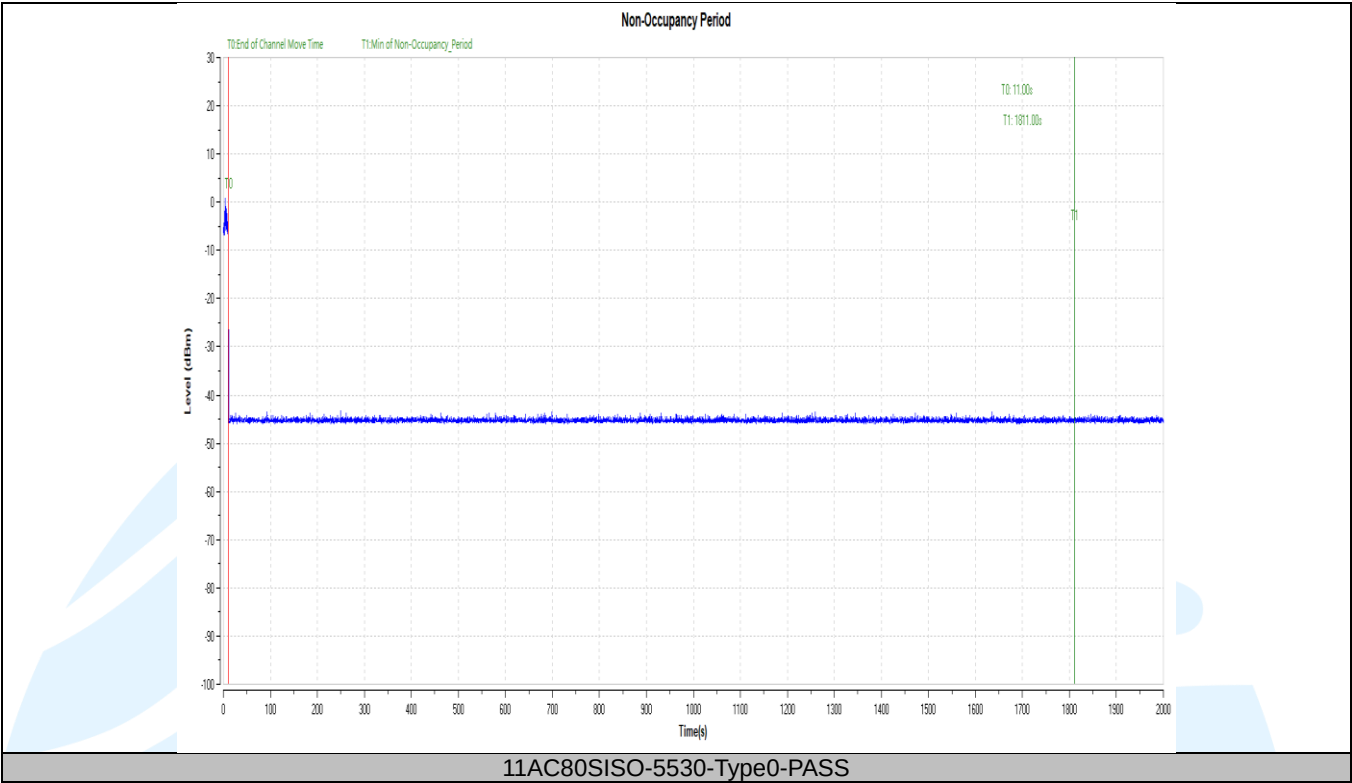
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5.10 AC POWER LINE CONDUCTED EMISSION

Test Requirement: FCC 47 CFR Part 15 Subpart C Section 15.207

Test Method: ANSI C63.10-2013 Section 6.2

Limits:

Frequency range (MHz)	Limits (dB(μV))	
	Quasi-peak	Average
0,15 to 0,50	66 to 56	56 to 46
0,50 to 5	56	46
5 to 30	60	50

Remark:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz.

Test Setup: Refer to section 4.4.2 for details.

Test Procedures:

Test frequency range :150KHz-30MHz

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Equipment Used: Refer to section 3 for details.

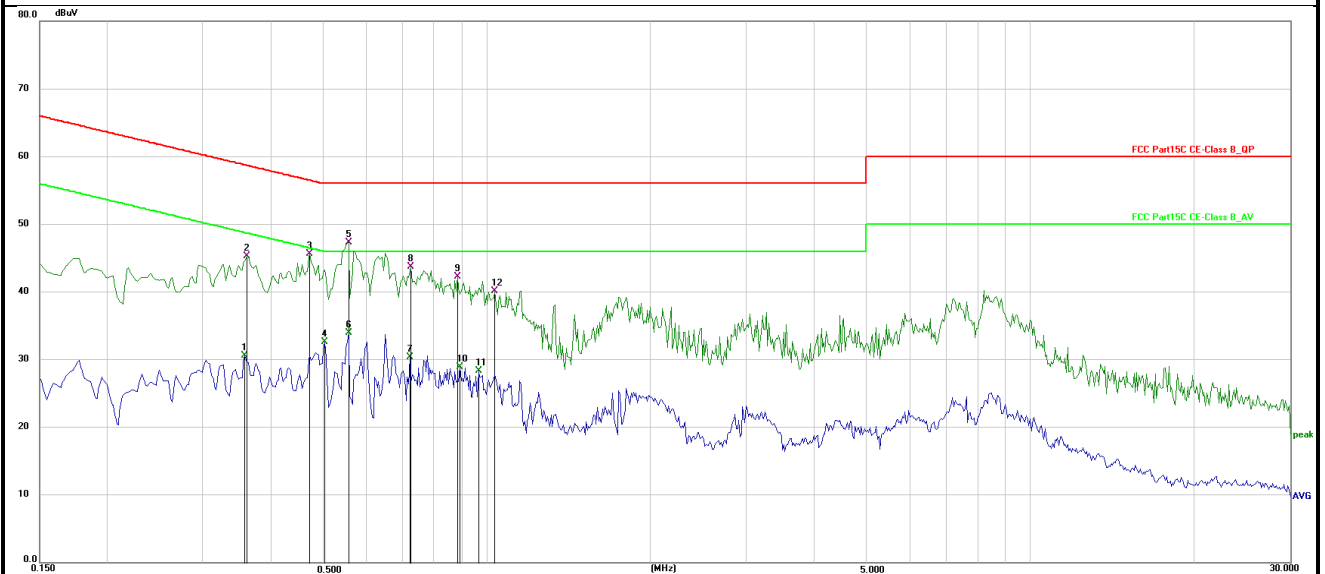
Test Result: Pass

The worst measurement data as follows:

Quasi Peak and Average:

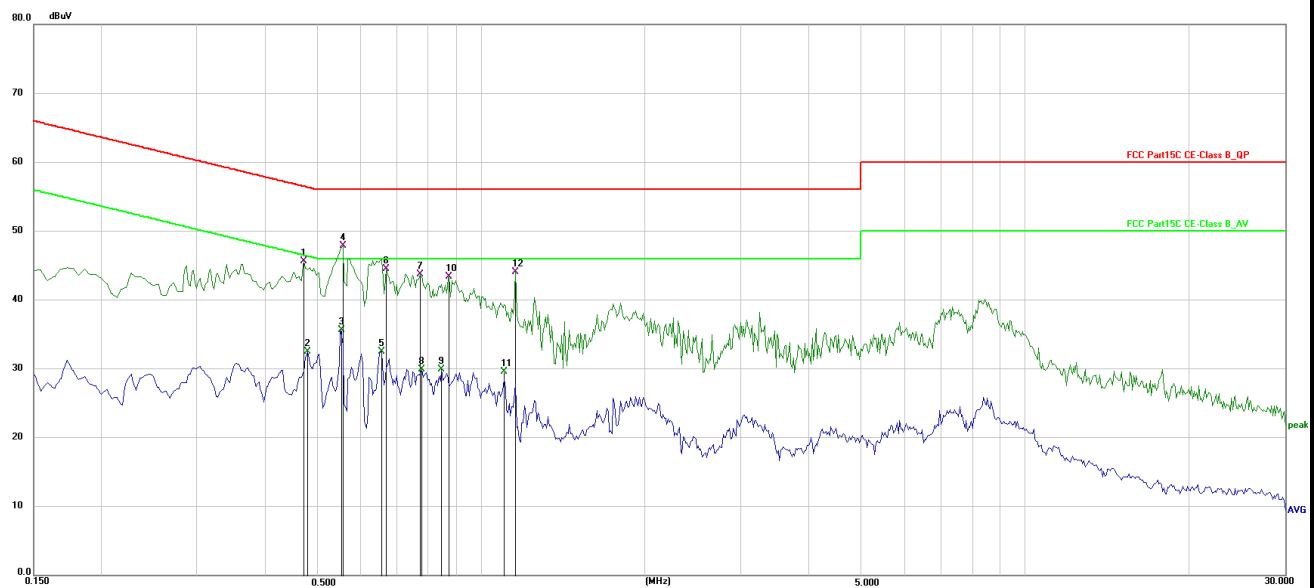
Test Mode: WIFI Link

Live Line



No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.3570	20.39	10.22	30.61	48.80	-18.19	AVG
2	0.3614	35.01	10.22	45.23	58.70	-13.47	QP
3	0.4694	35.44	10.22	45.66	56.52	-10.86	QP
4	0.5010	22.38	10.20	32.58	46.00	-13.42	AVG
5	0.5550	37.12	10.21	47.33	56.00	-8.67	QP
6	0.5550	23.75	10.21	33.96	46.00	-12.04	AVG
7	0.7215	20.18	10.20	30.38	46.00	-15.62	AVG
8	0.7260	33.47	10.19	43.66	56.00	-12.34	QP
9	0.8834	32.08	10.17	42.25	56.00	-13.75	QP
10	0.8923	18.69	10.17	28.86	46.00	-17.14	AVG
11	0.9645	18.18	10.18	28.36	46.00	-17.64	AVG
12	1.0363	29.93	10.18	40.11	56.00	-15.89	QP

Neutral Line



No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.4694	35.38	10.20	45.58	56.52	-10.94	QP
2	0.4783	22.27	10.20	32.47	46.37	-13.90	AVG
3	0.5503	25.48	10.20	35.68	46.00	-10.32	AVG
4	0.5550	37.71	10.20	47.91	56.00	-8.09	QP
5	0.6540	22.30	10.20	32.50	46.00	-13.50	AVG
6	0.6674	34.27	10.20	44.47	56.00	-11.53	QP
7	0.7710	33.49	10.20	43.69	56.00	-12.31	QP
8	0.7753	19.75	10.20	29.95	46.00	-16.05	AVG
9	0.8475	19.66	10.19	29.85	46.00	-16.15	AVG
10	0.8745	33.14	10.19	43.33	56.00	-12.67	QP
11	1.1040	19.42	10.19	29.61	46.00	-16.39	AVG
12	1.1534	33.84	10.19	44.03	56.00	-11.97	QP

Remark:

1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Result = Reading + Correct Factor.
3. Margin = Result - Limit
4. An initial pre-scan was performed on the Phase and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.
5. All possible modes of operation were investigated, and testing at two nominal voltages of 240V~50Hz and 120V~60Hz, only the worst case emissions reported.

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APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of UnionTrust, this report can't be reproduced except in full.
