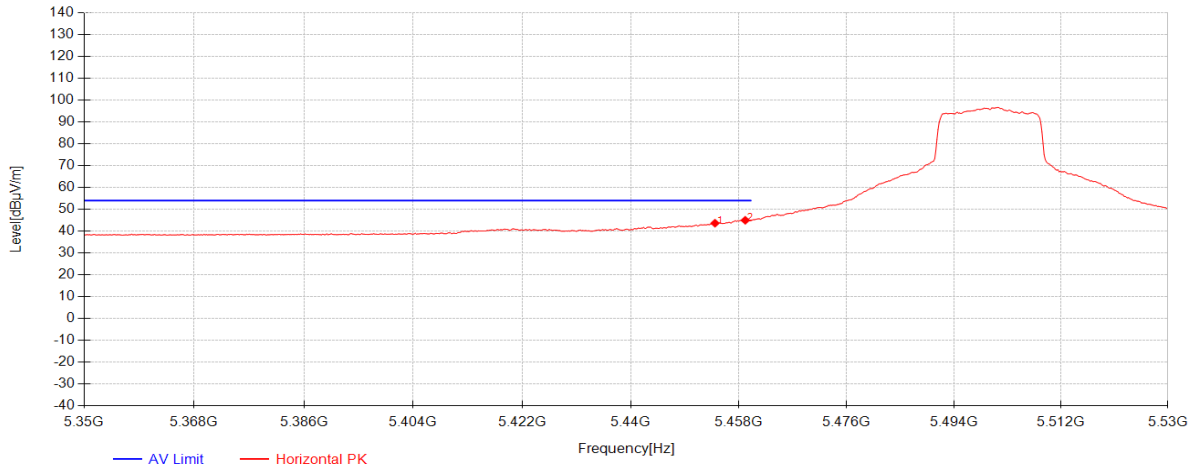
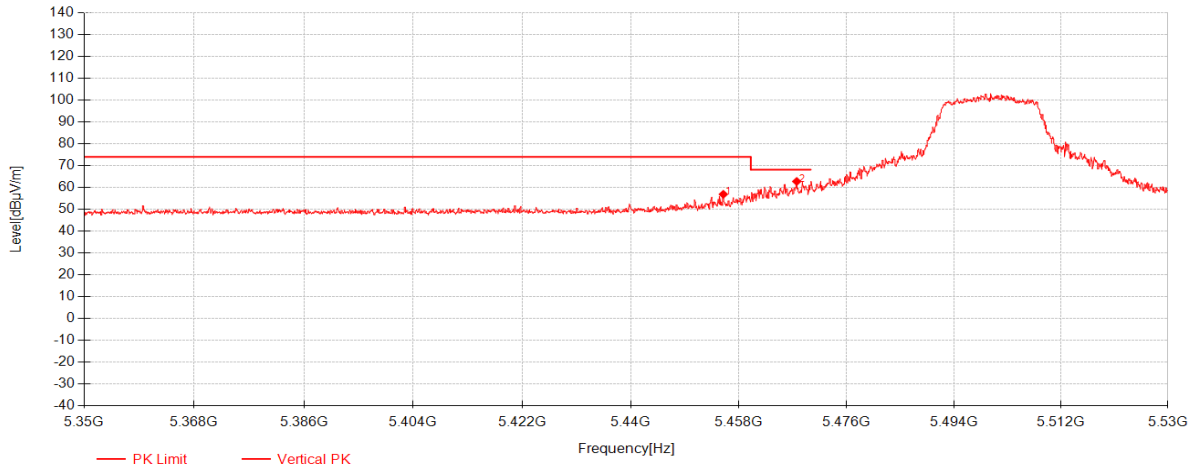


11a_TX_CH_100_Horizontal_Average



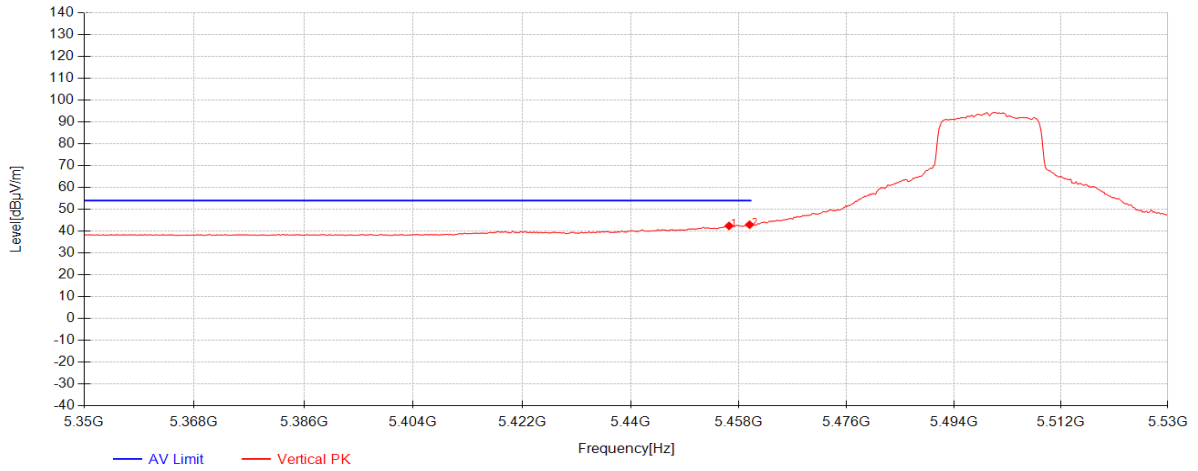
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5454.04	30.55	32.81	-19.72	43.64	54.00	10.36	Horizontal
2	5459.08	31.88	32.82	-19.72	44.98	54.00	9.02	Horizontal

11a_TX_CH_100_Vertical_Peak



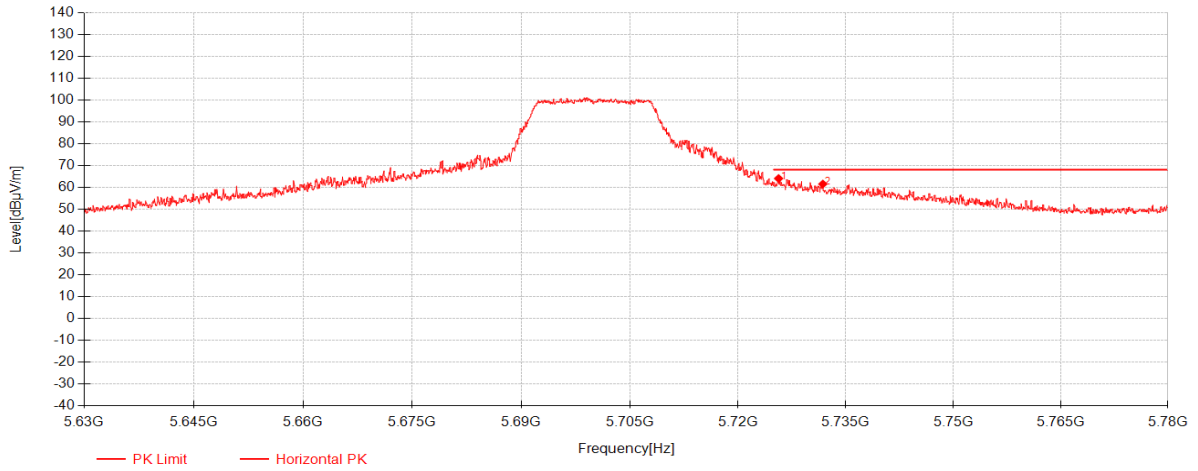
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5455.42	43.81	32.81	-19.72	56.90	74.00	17.10	Vertical
2	5467.66	49.67	32.84	-19.72	62.79	68.20	5.41	Vertical

11a_TX_CH_100_Vertical_Average



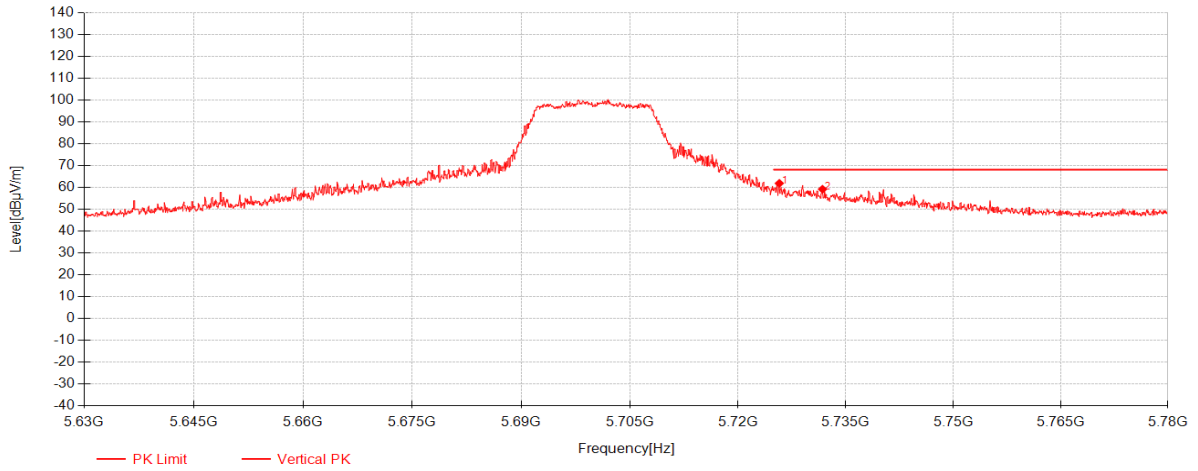
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5456.38	29.31	32.81	-19.72	42.40	54.00	11.60	Vertical
2	5459.8	29.86	32.82	-19.72	42.96	54.00	11.04	Vertical

11a_TX_CH_140_Horizontal_Peak



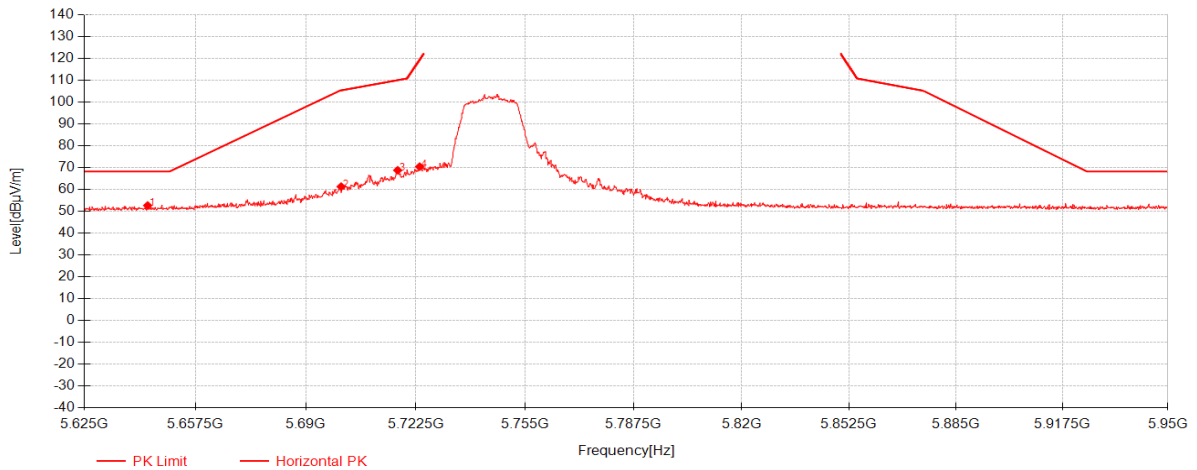
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5725.65	49.98	33.55	-19.40	64.14	68.20	4.06	Horizontal
2	5731.8	47.40	33.59	-19.39	61.60	68.20	6.60	Horizontal

11a_TX_CH_140_Vertical_Peak



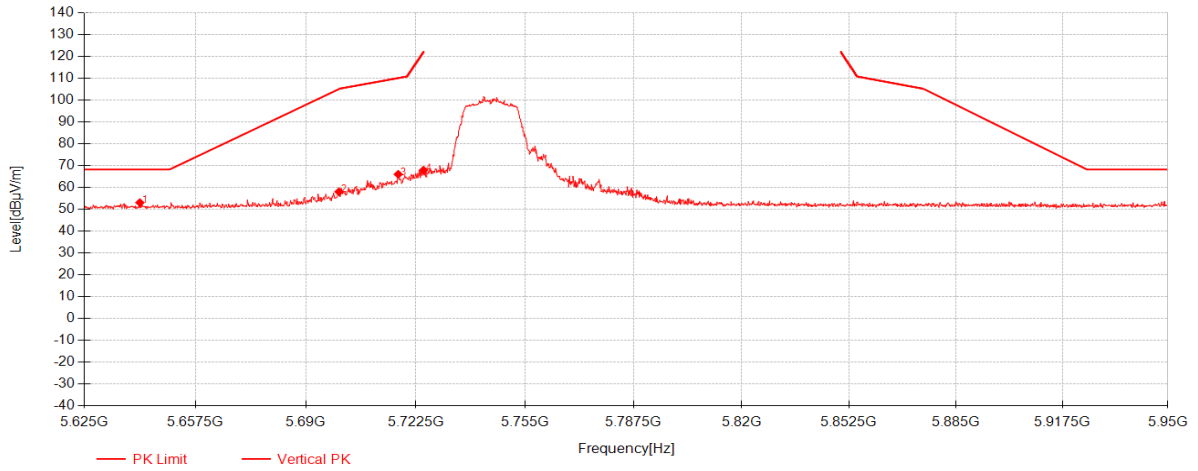
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5725.75	47.75	33.55	-19.40	61.91	68.20	6.29	Vertical
2	5731.75	45.01	33.59	-19.39	59.21	68.20	8.99	Vertical

11a_TX_CH_149_Horizontal_Peak



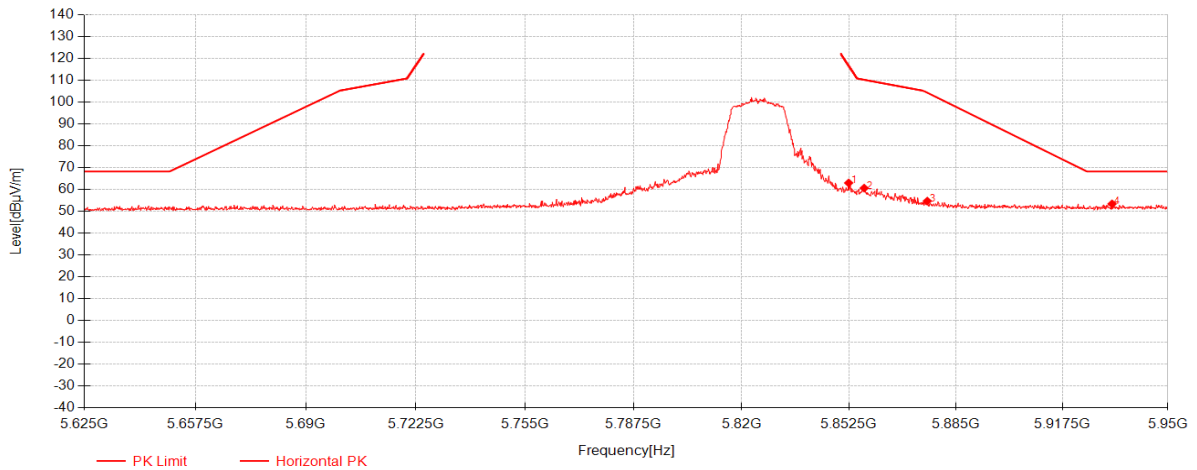
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5643.525	38.48	33.49	-19.29	52.68	68.30	15.62	Horizontal
2	5700.4	47.33	33.40	-19.41	61.32	105.41	44.09	Horizontal
3	5717.1375	54.72	33.50	-19.40	68.82	110.10	41.28	Horizontal
4	5723.6375	56.33	33.54	-19.40	70.47	119.19	48.72	Horizontal

11a_TX_CH_149_Vertical_Peak



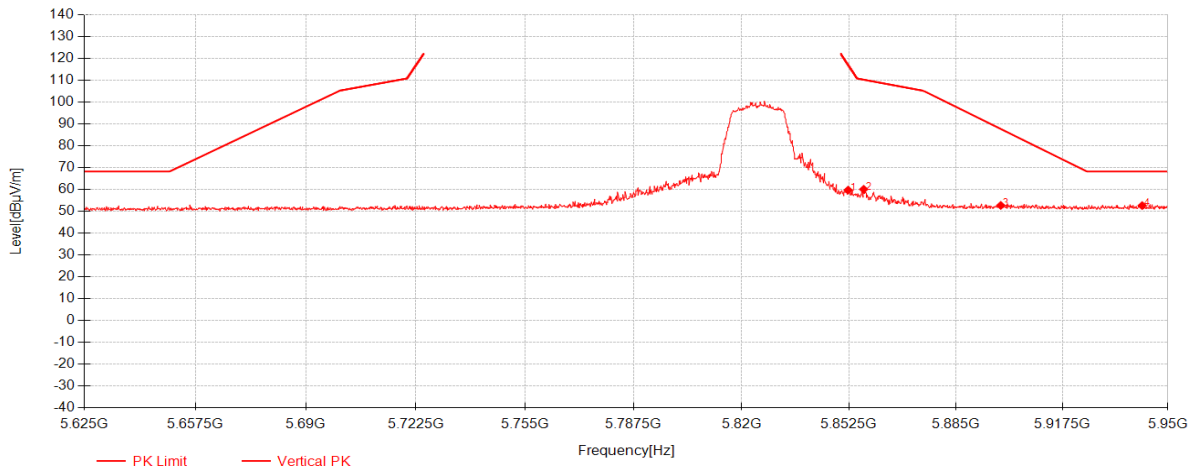
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5641.25	38.88	33.48	-19.28	53.08	68.30	15.22	Vertical
2	5699.75	44.06	33.40	-19.41	58.05	105.12	47.07	Vertical
3	5717.3	51.95	33.50	-19.40	66.05	110.15	44.10	Vertical
4	5724.775	53.78	33.55	-19.40	67.93	121.79	53.86	Vertical

11a_TX_CH_165_Horizontal_Peak



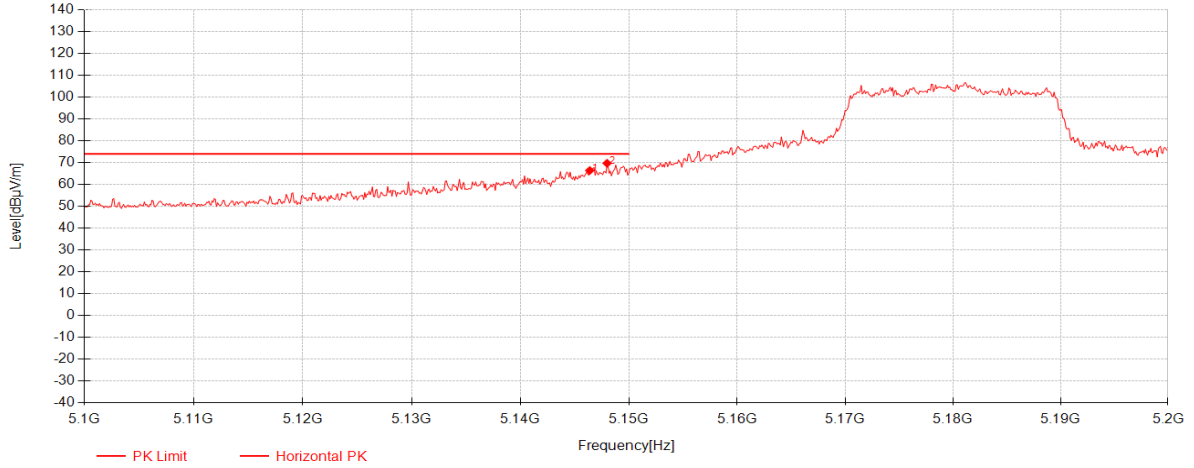
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5852.3375	48.10	34.30	-19.38	63.02	116.97	53.95	Horizontal
2	5857.05	45.70	34.31	-19.38	60.63	110.33	49.70	Horizontal
3	5876.225	39.73	34.35	-19.39	54.69	104.39	49.70	Horizontal
4	5932.775	38.46	34.33	-19.39	53.41	68.30	14.89	Horizontal

11a_TX_CH_165_Vertical_Peak



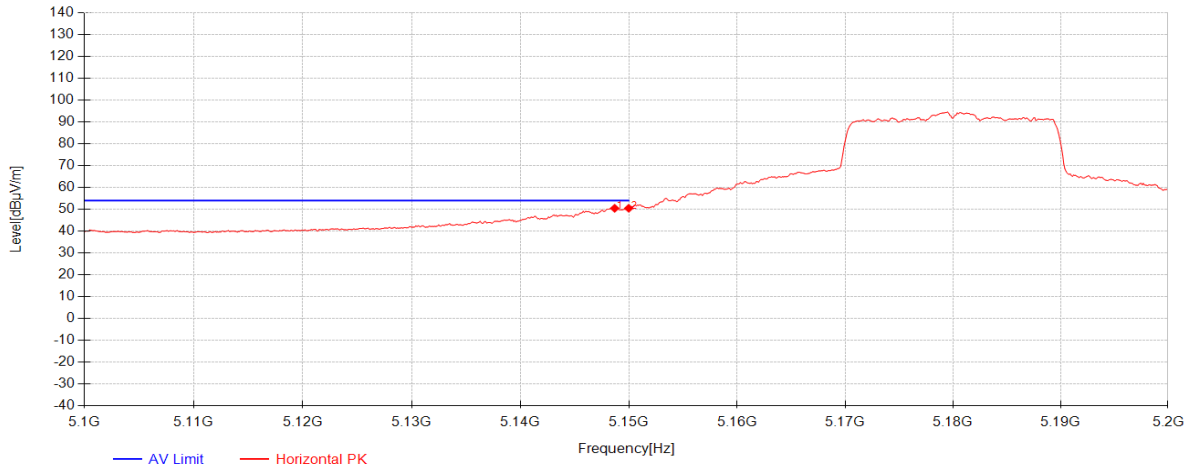
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5852.175	44.85	34.30	-19.38	59.77	117.34	57.57	Vertical
2	5856.8875	45.17	34.31	-19.38	60.10	110.37	50.27	Vertical
3	5898.65	37.70	34.40	-19.40	52.70	87.76	35.06	Vertical
4	5942.0375	37.71	34.32	-19.38	52.64	68.30	15.66	Vertical

11ax(HE20)_TX_CH_36_Horizontal_Peak



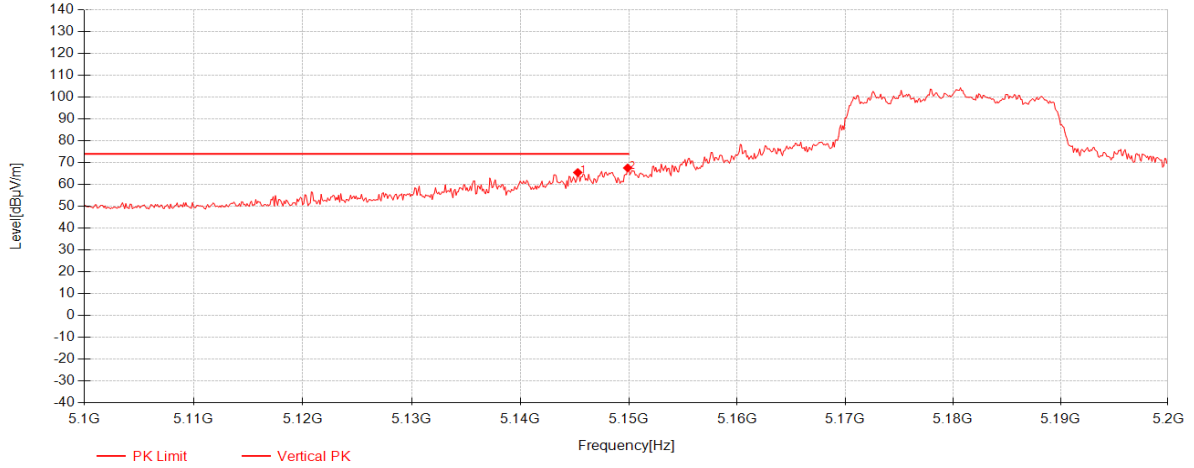
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5146.4	53.31	33.23	-20.12	66.42	74.00	7.58	Horizontal
2	5148	56.64	33.22	-20.12	69.74	74.00	4.26	Horizontal

11ax(HE20)_TX_CH_36_Horizontal_Average



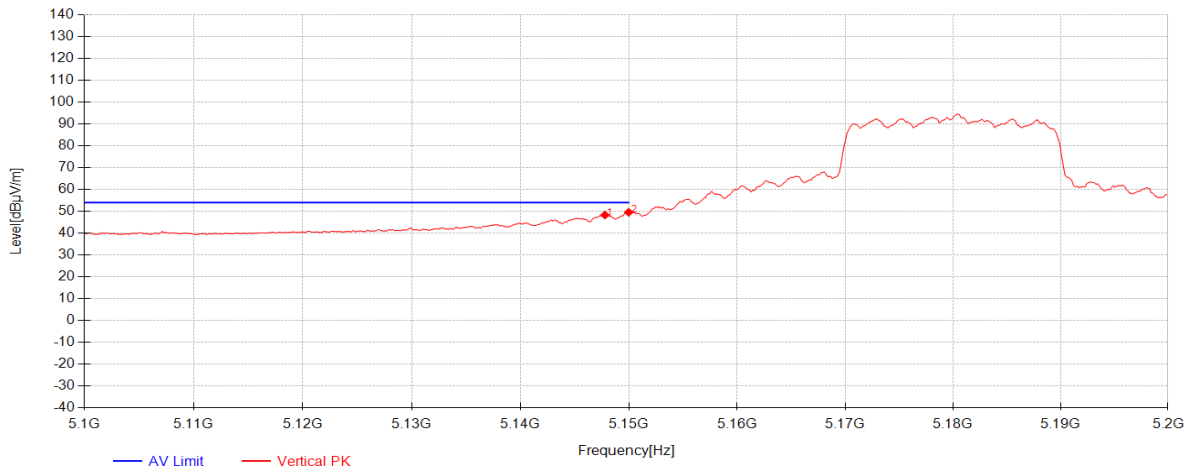
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5148.7	37.37	33.21	-20.11	50.47	54.00	3.53	Horizontal
2	5150	37.39	33.20	-20.11	50.48	54.00	3.52	Horizontal

11ax(HE20)_TX_CH_36_Vertical_Peak



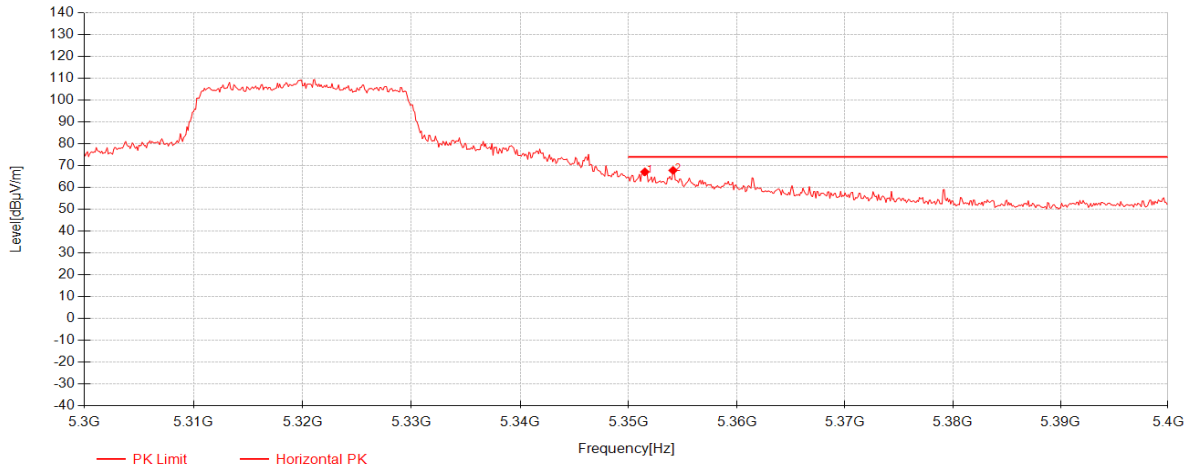
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5145.3	52.40	33.24	-20.13	65.51	74.00	8.49	Vertical
2	5149.9	54.53	33.20	-20.11	67.62	74.00	6.38	Vertical

11ax(HE20)_TX_CH_36_Veritical_Average



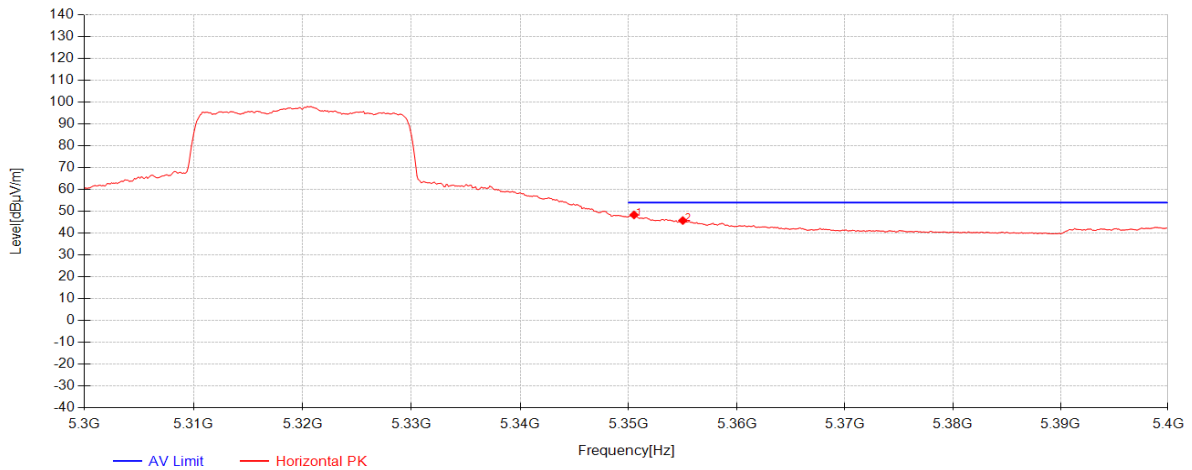
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.8	35.22	33.22	-20.12	48.32	54.00	5.68	Vertical
2	5150	36.47	33.20	-20.11	49.56	54.00	4.44	Vertical

11ax(HE20)_TX_CH_64_Horizontal_Peak



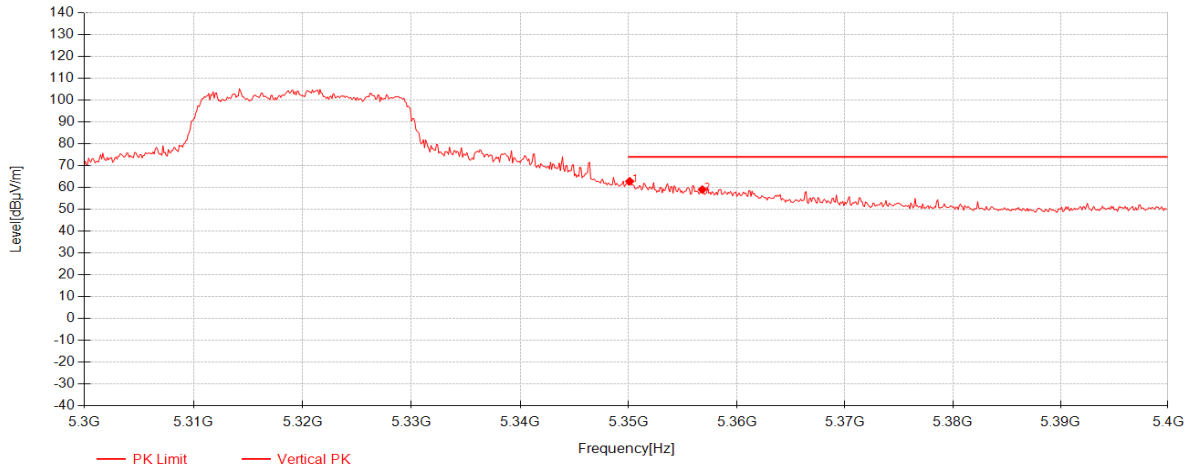
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5351.5	53.69	33.29	-19.82	67.16	74.00	6.84	Horizontal
2	5354.1	54.40	33.28	-19.81	67.86	74.00	6.14	Horizontal

11ax(HE20)_TX_CH_64_Horizontal_Average



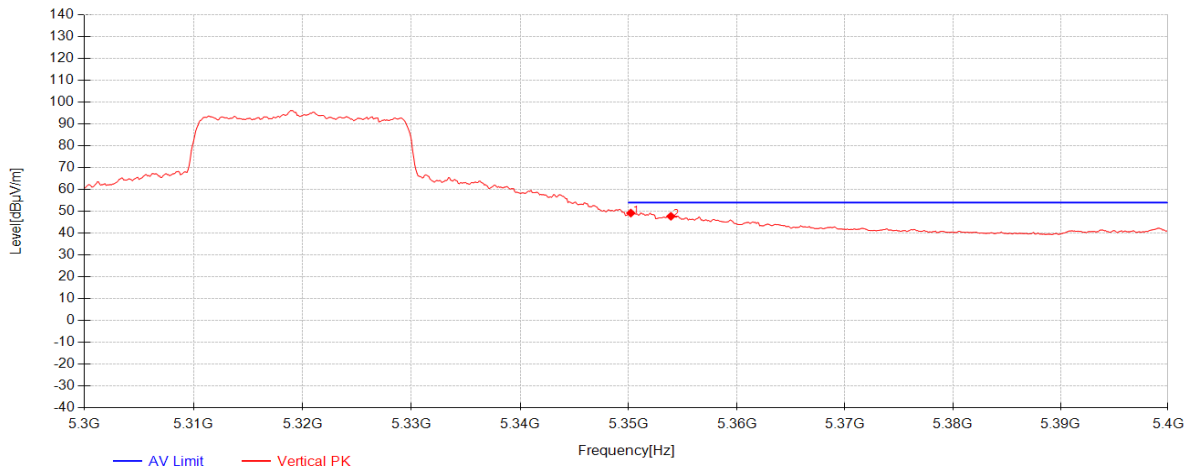
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.5	34.88	33.30	-19.82	48.36	54.00	5.64	Horizontal
2	5355	32.32	33.27	-19.81	45.78	54.00	8.22	Horizontal

11ax(HE20)_TX_CH_64_Veritical_Peak



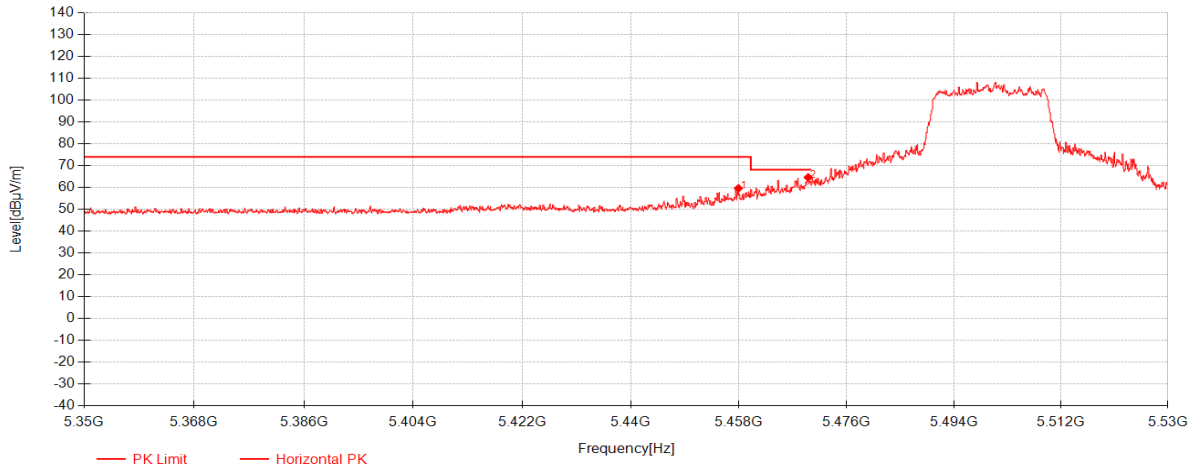
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.1	49.36	33.30	-19.82	62.84	74.00	11.16	Vertical
2	5356.8	45.61	33.26	-19.81	59.06	74.00	14.94	Vertical

11ax(HE20)_TX_CH_64_Veritical_Average



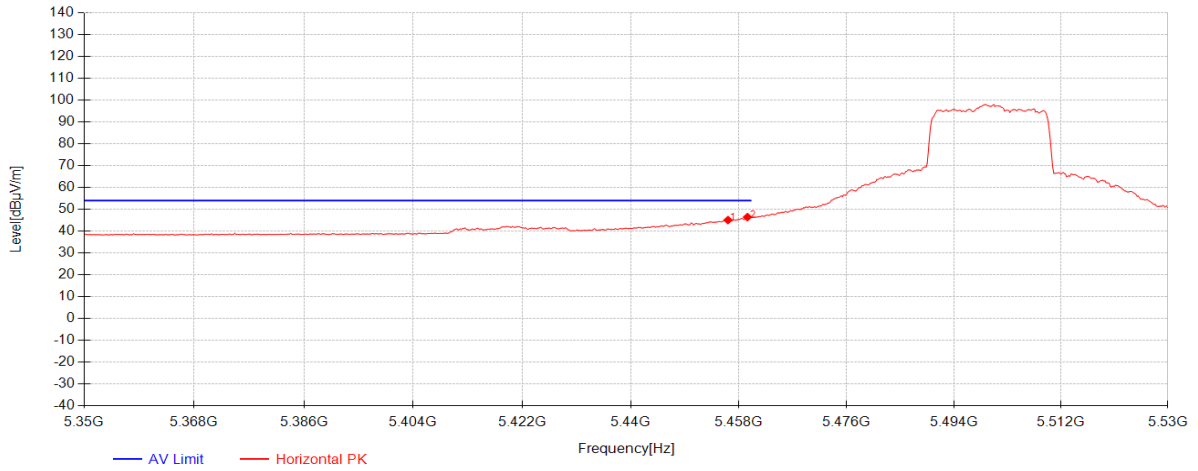
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.2	35.71	33.30	-19.82	49.19	54.00	4.81	Vertical
2	5353.9	34.28	33.28	-19.81	47.74	54.00	6.26	Vertical

11ax(HE20)_TX_CH_100_Horizontal_Peak



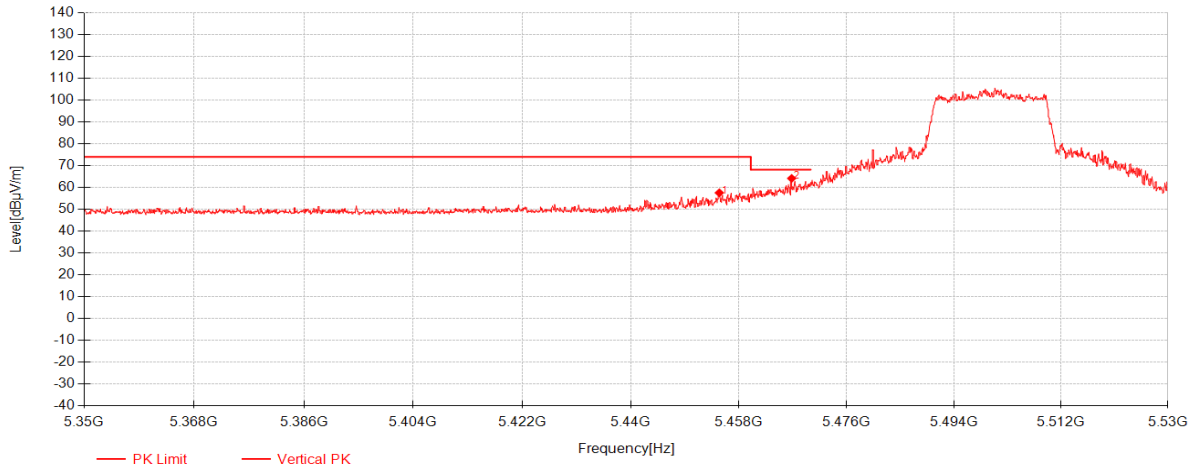
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5457.94	46.53	32.82	-19.72	59.63	74.00	14.37	Horizontal
2	5469.58	51.53	32.84	-19.72	64.65	68.20	3.55	Horizontal

11ax(HE20)_TX_CH_100_Horizontal_Average



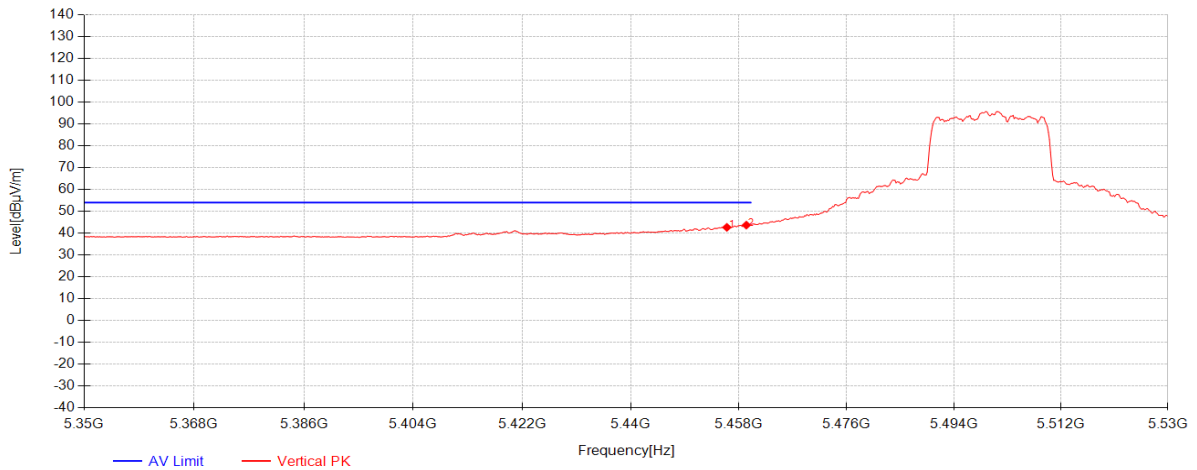
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5456.2	31.99	32.81	-19.72	45.08	54.00	8.92	Horizontal
2	5459.44	33.34	32.82	-19.72	46.44	54.00	7.56	Horizontal

11ax(HE20)_TX_CH_100_Vertical_Peak



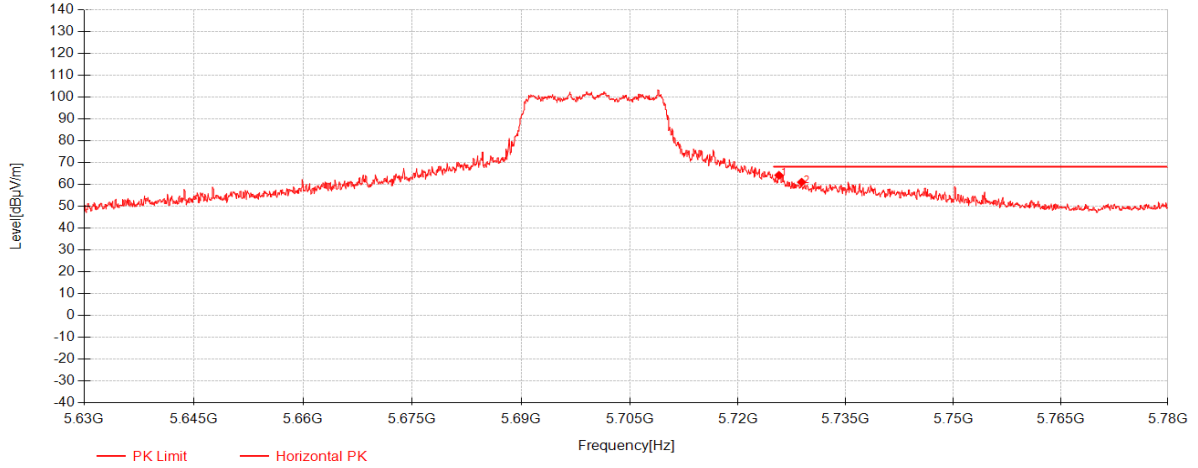
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5454.76	44.48	32.81	-19.72	57.57	74.00	16.43	Vertical
2	5466.82	51.07	32.83	-19.72	64.18	68.20	4.02	Vertical

11ax(HE20)_TX_CH_100_Veritical_Average



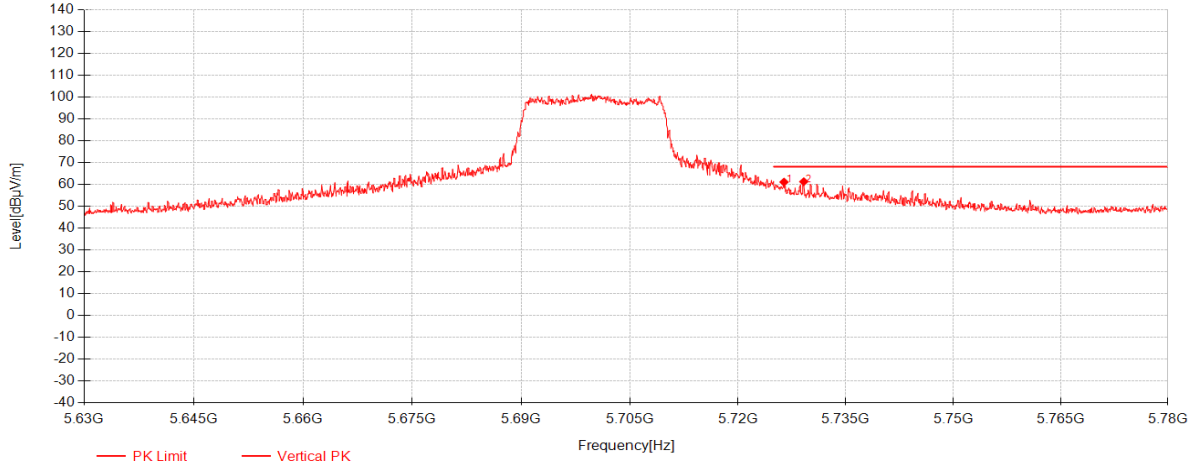
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5456.02	29.57	32.81	-19.72	42.66	54.00	11.34	Vertical
2	5459.26	30.58	32.82	-19.72	43.68	54.00	10.32	Vertical

11ax(HE20)_TX_CH_140_Horizontal_Peak



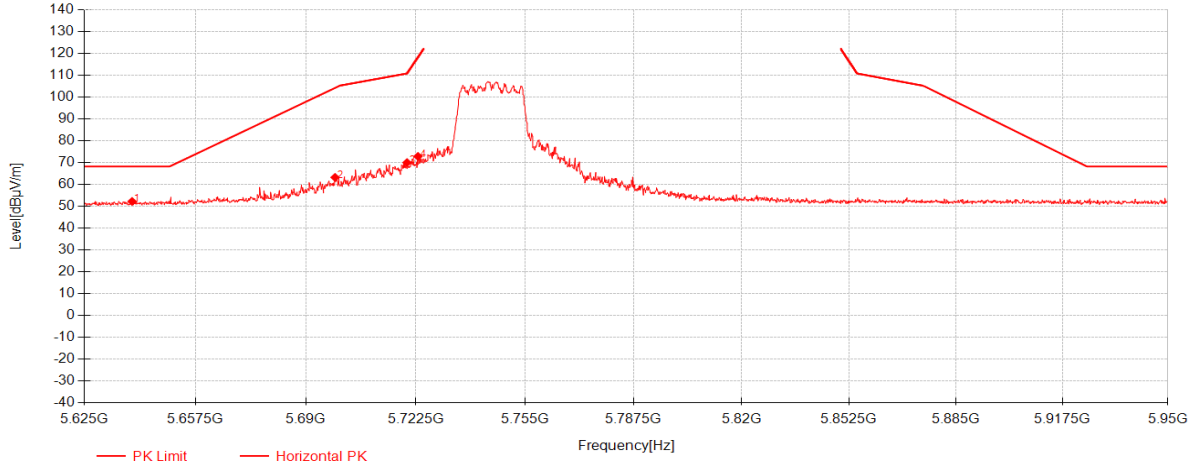
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5725.7	50.08	33.55	-19.40	64.24	68.20	3.96	Horizontal
2	5728.85	46.89	33.57	-19.40	61.07	68.20	7.13	Horizontal

11ax(HE20)_TX_CH_140_Vertical_Peak



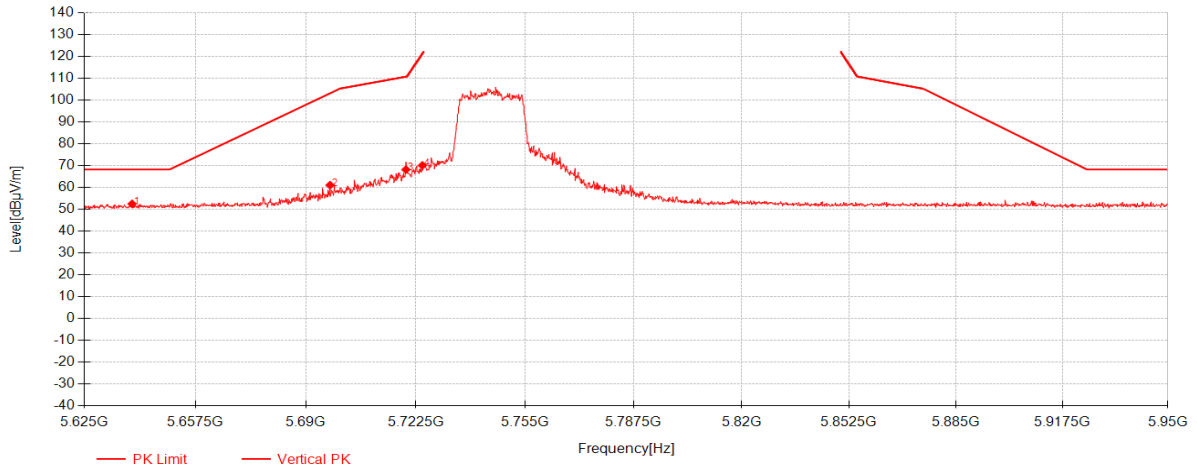
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5726.4	46.97	33.56	-19.40	61.13	68.20	7.07	Vertical
2	5729.15	47.13	33.57	-19.40	61.31	68.20	6.89	Vertical

11ax(HE20)_TX_CH_149_Horizontal_Peak



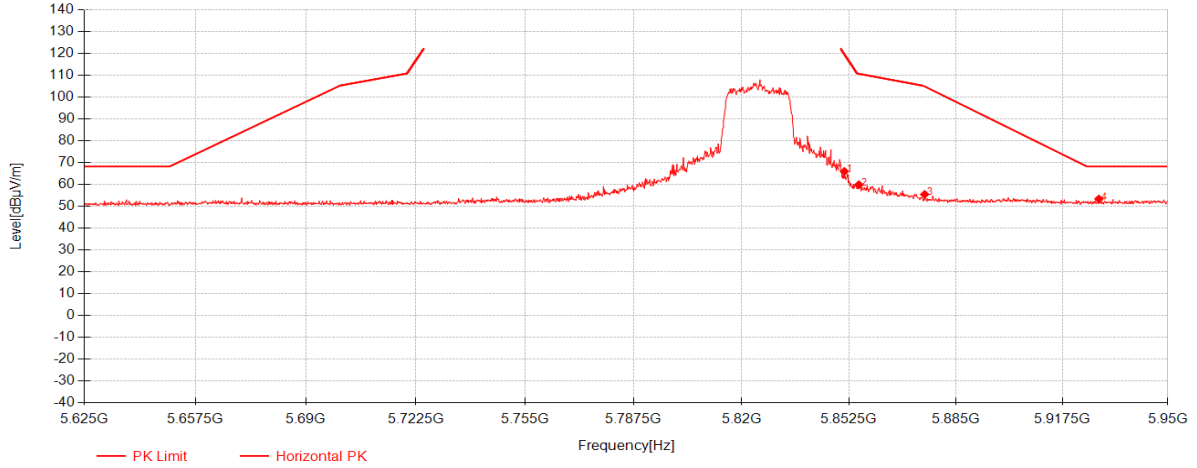
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5638.975	38.06	33.48	-19.28	52.26	68.30	16.04	Horizontal
2	5698.6125	49.27	33.40	-19.41	63.27	104.28	41.01	Horizontal
3	5719.9	55.93	33.52	-19.40	70.05	110.87	40.82	Horizontal
4	5723.15	58.75	33.54	-19.40	72.89	118.08	45.19	Horizontal

11ax(HE20)_TX_CH_149_Vetical_Peak



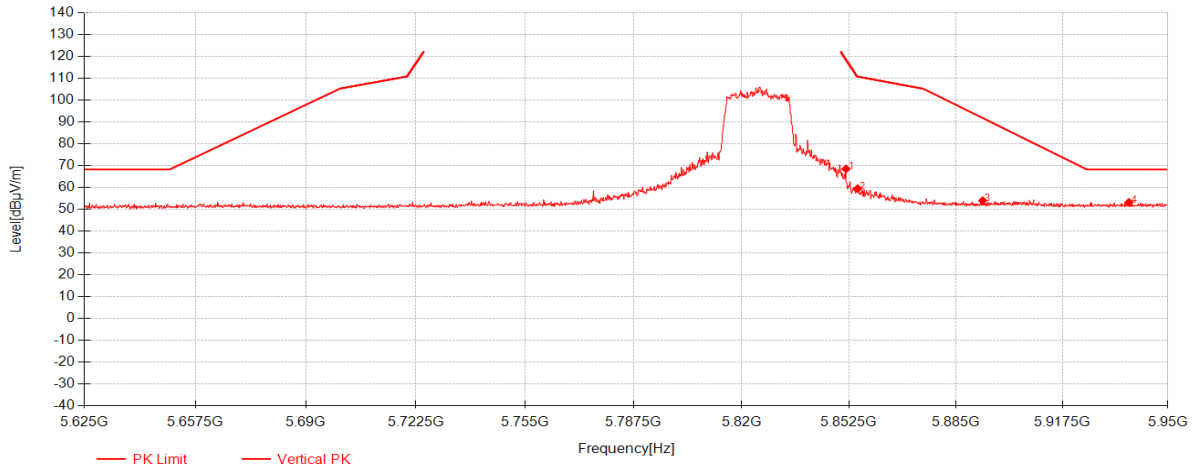
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5638.975	38.31	33.48	-19.28	52.51	68.30	15.79	Vertical
2	5697.15	47.08	33.41	-19.40	61.08	103.20	42.12	Vertical
3	5719.575	54.09	33.52	-19.40	68.21	110.78	42.57	Vertical
4	5724.45	55.99	33.55	-19.40	70.14	121.05	50.91	Vertical

11ax(HE20)_TX_CH_165_Horizontal_Peak



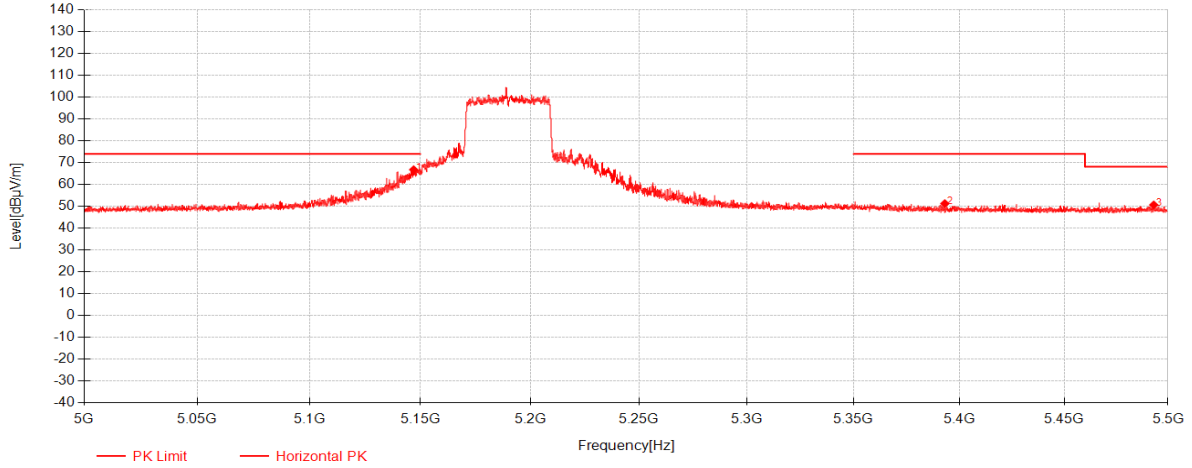
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5851.0375	51.11	34.30	-19.38	66.03	119.93	53.90	Horizontal
2	5855.425	45.00	34.31	-19.38	59.93	110.78	50.85	Horizontal
3	5875.4125	40.53	34.35	-19.39	55.49	104.99	49.50	Horizontal
4	5928.7125	38.43	34.34	-19.39	53.38	68.30	14.92	Horizontal

11ax(HE20)_TX_CH_165_Vetical_Peak



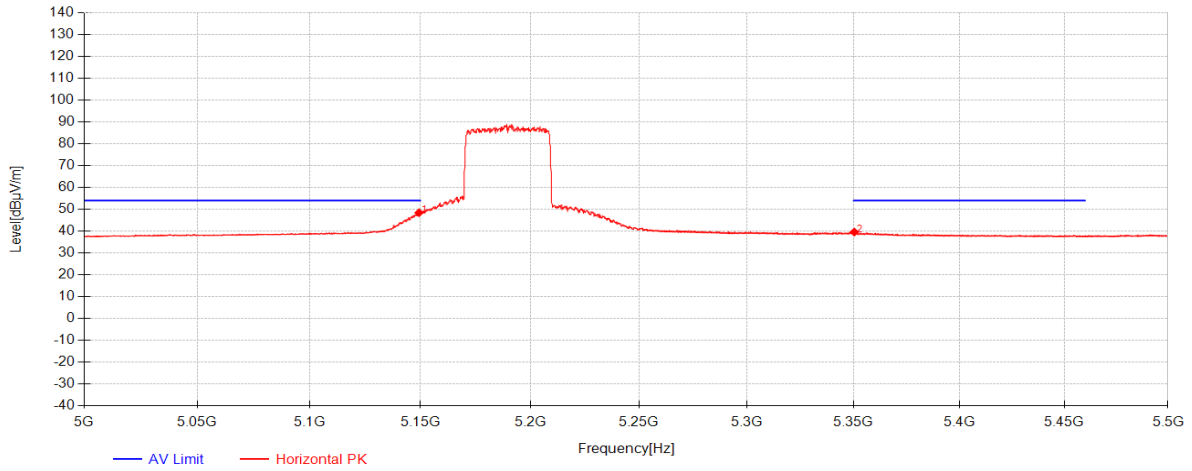
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5851.525	53.60	34.30	-19.38	68.52	118.82	50.30	Vertical
2	5855.1	44.60	34.31	-19.38	59.53	110.87	51.34	Vertical
3	5893.125	38.99	34.39	-19.40	53.98	91.85	37.87	Vertical
4	5937.975	38.24	34.32	-19.38	53.18	68.30	15.12	Vertical

11ax(HE40)_TX_CH_38_Horizontal_Peak



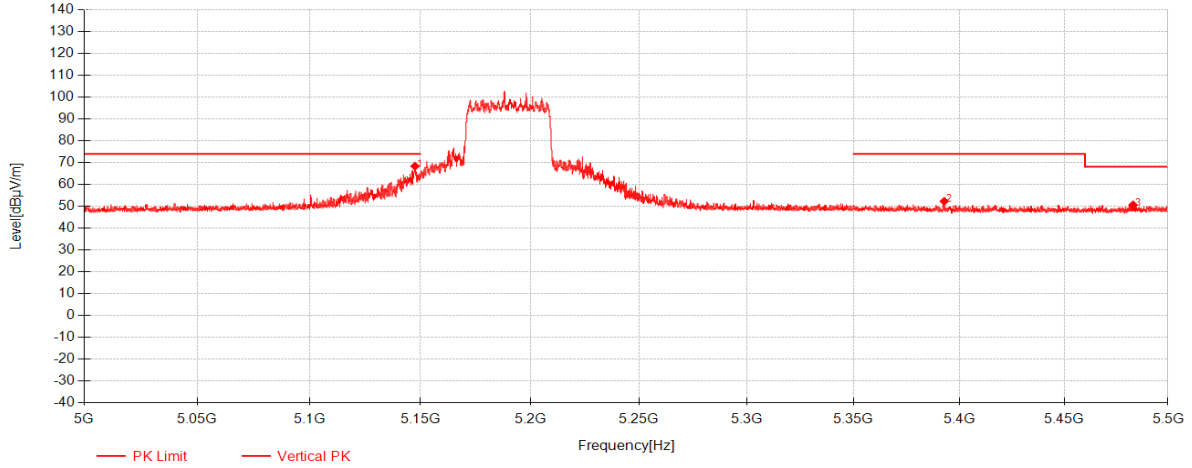
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5146.9975	53.69	33.22	-20.12	66.79	74.00	7.21	Horizontal
2	5393.11	37.95	33.04	-19.73	51.26	74.00	22.74	Horizontal
3	5493.1	37.49	32.89	-19.72	50.66	68.20	17.54	Horizontal

11ax(HE40)_TX_CH_38_Horizontal_Average



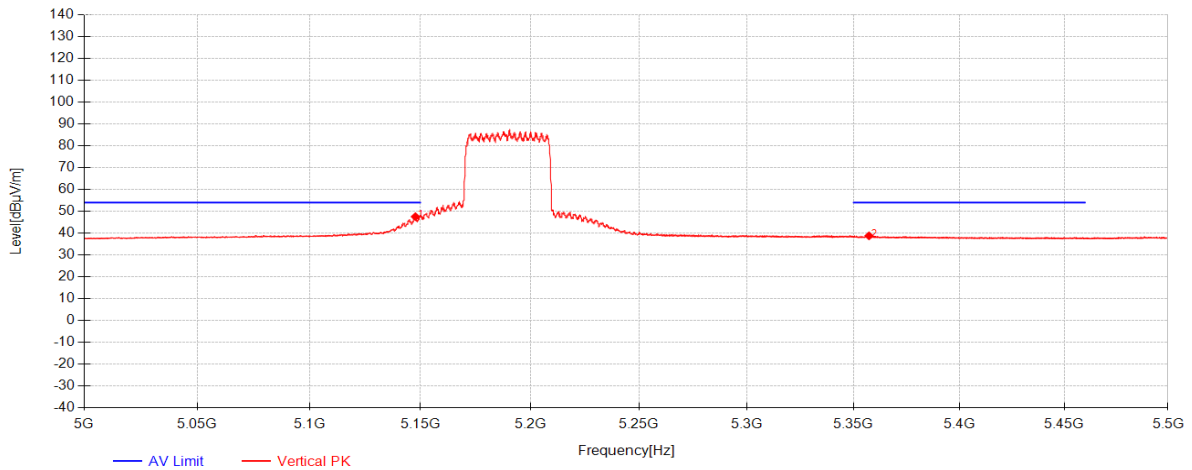
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5149.4133	35.35	33.20	-20.11	48.44	54.00	5.56	Horizontal
2	5350.33	26.09	33.30	-19.82	39.57	54.00	14.43	Horizontal

11ax(HE40)_TX_CH_38_Vertical_Peak



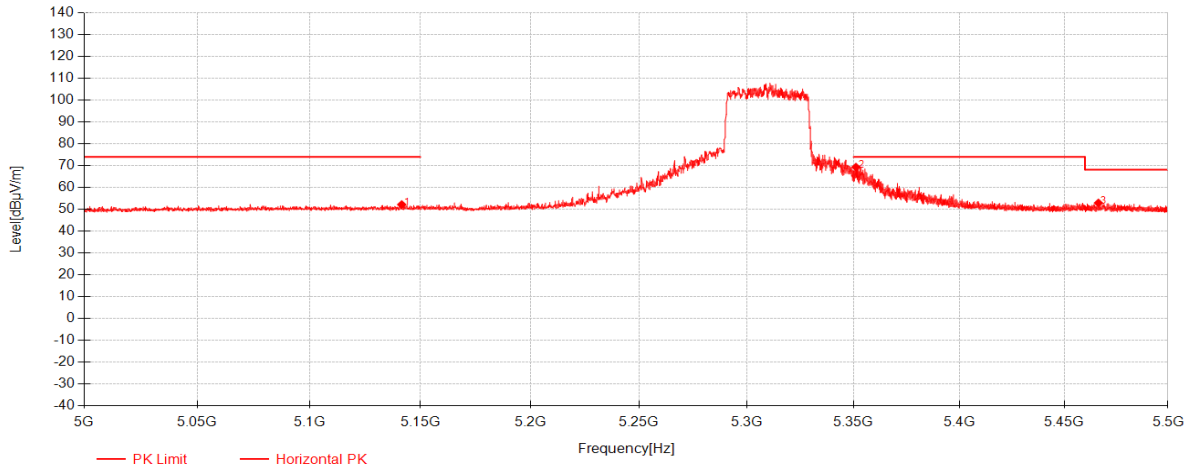
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.5825	55.30	33.22	-20.12	68.40	74.00	5.60	Vertical
2	5392.84	39.02	33.04	-19.73	52.33	74.00	21.67	Vertical
3	5483.14	37.52	32.87	-19.72	50.67	68.20	17.53	Vertical

11ax(HE40)_TX_CH_38_Veritical_Average



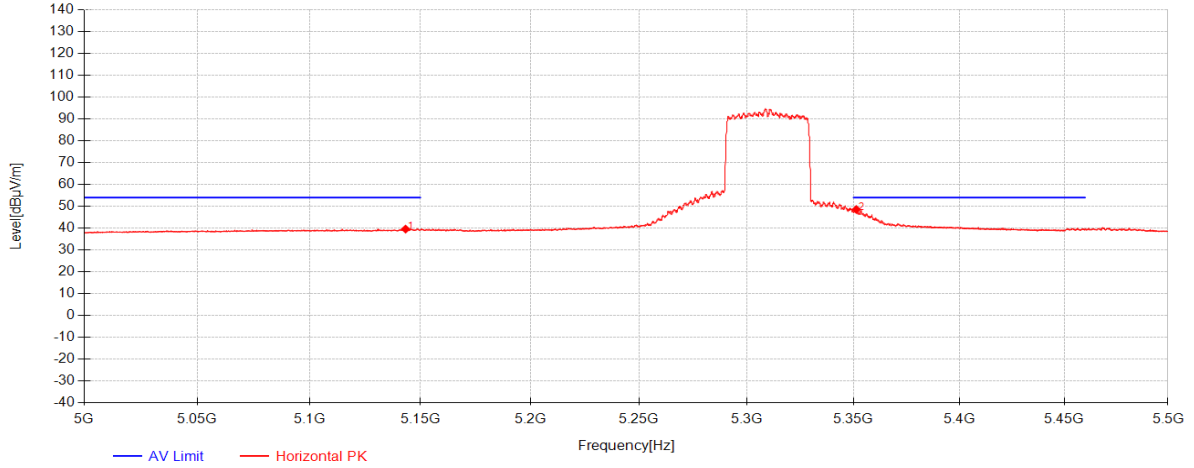
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.7667	34.47	33.22	-20.12	47.57	54.00	6.43	Vertical
2	5357.26	25.30	33.26	-19.81	38.75	54.00	15.25	Vertical

11ax(HE40)_TX_CH_62_Horizontal_Peak



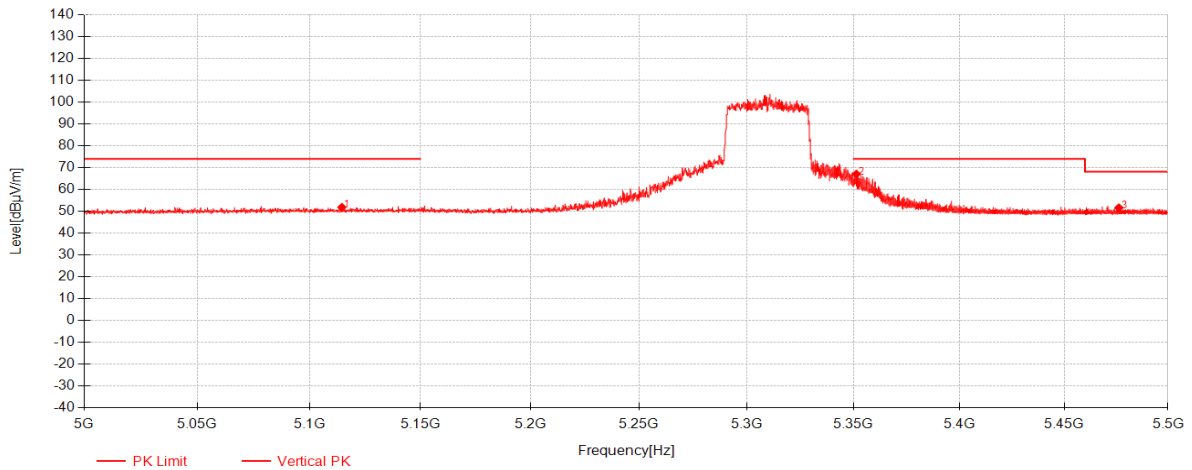
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5141.6	39.05	33.27	-20.14	52.18	74.00	21.82	Horizontal
2	5351.125	55.86	33.29	-19.82	69.34	74.00	4.66	Horizontal
3	5466.45	39.82	32.83	-19.72	52.93	68.20	15.27	Horizontal

11ax(HE40)_TX_CH_62_Horizontal_Average



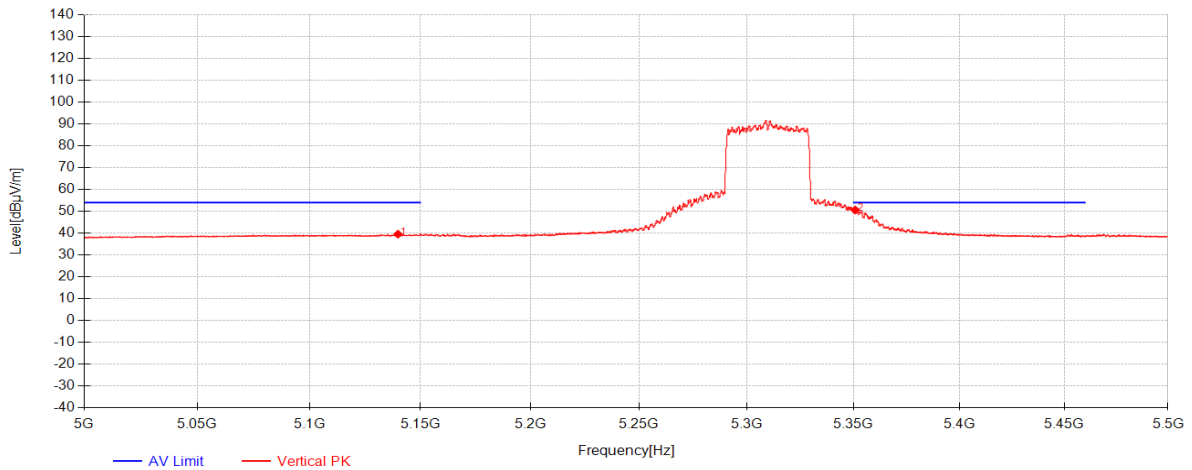
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5143.325	26.44	33.25	-20.13	39.56	54.00	14.44	Horizontal
2	5351.3	35.09	33.29	-19.82	48.56	54.00	5.44	Horizontal

11ax(HE40)_TX_CH_62_Vertical_Peak



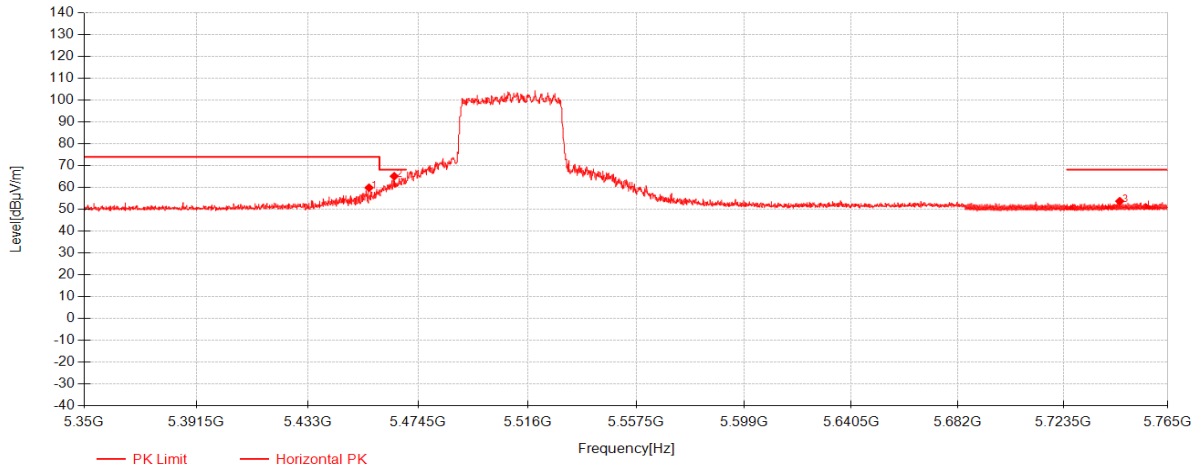
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5114.6	38.62	33.48	-20.23	51.87	74.00	22.13	Vertical
2	5351.35	53.66	33.29	-19.82	67.13	74.00	6.87	Vertical
3	5476.3	38.53	32.85	-19.72	51.66	68.20	16.54	Vertical

11ax(HE40)_TX_CH_62_Vertical_Average



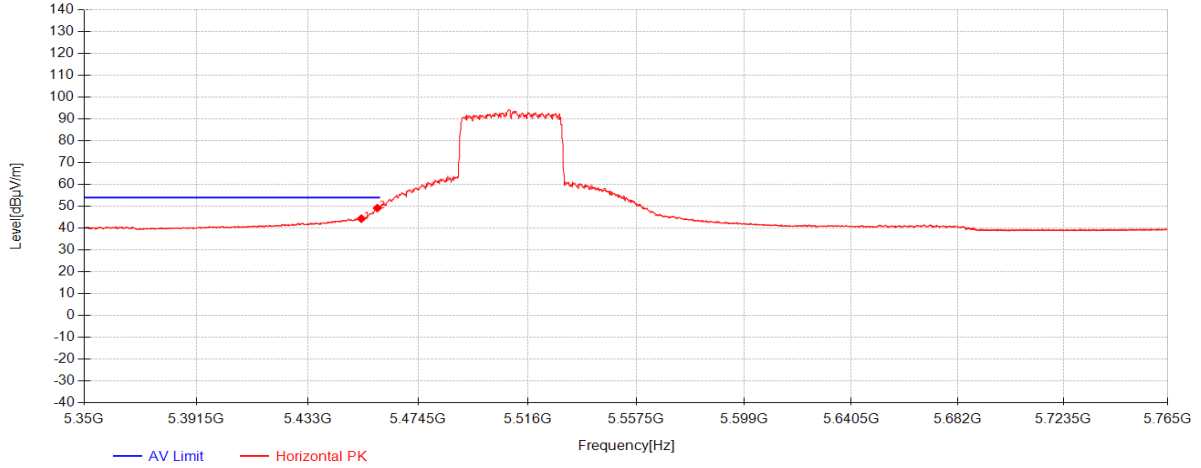
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5139.875	26.39	33.28	-20.14	39.53	54.00	14.47	Vertical
2	5350.8	37.14	33.30	-19.82	50.62	54.00	3.38	Vertical

11n(HT40)_TX_CH_102_Horizontal_Peak



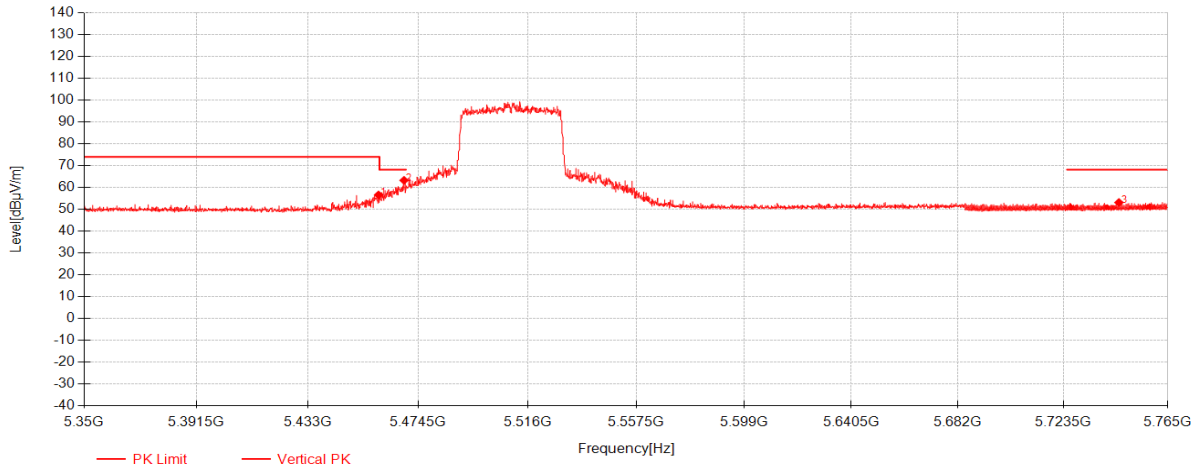
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5456.0833	46.81	32.81	-19.72	59.90	74.00	14.10	Horizontal
2	5465.575	52.05	32.83	-19.72	65.16	68.20	3.04	Horizontal
3	5745.85	39.43	33.68	-19.39	53.72	68.20	14.48	Horizontal

11n(HT40)_TX_CH_102_Horizontal_Average



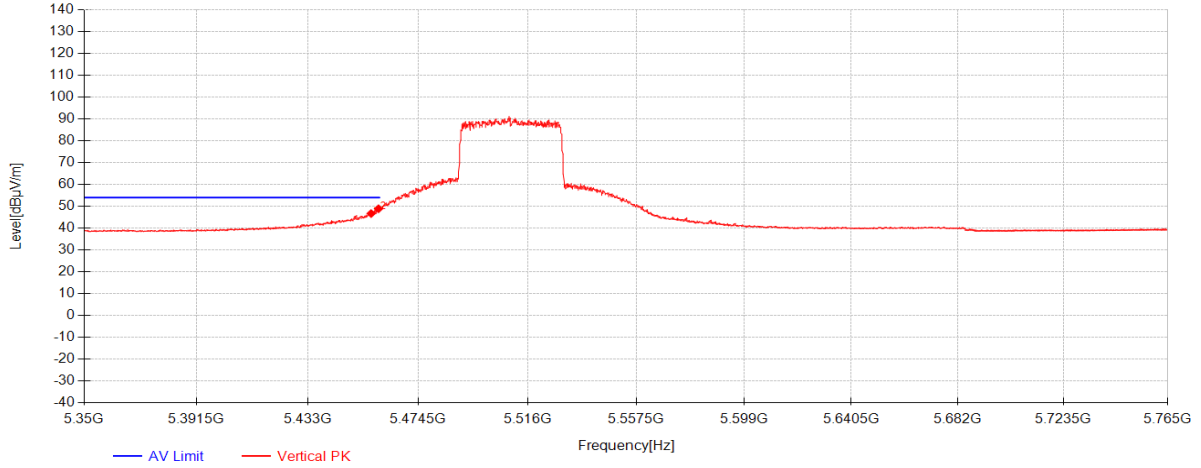
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5453.18	31.25	32.81	-19.72	44.34	54.00	9.66	Horizontal
2	5459.21	36.09	32.82	-19.72	49.19	54.00	4.81	Horizontal

11n(HT40)_TX_CH_102_Vertical_Peak



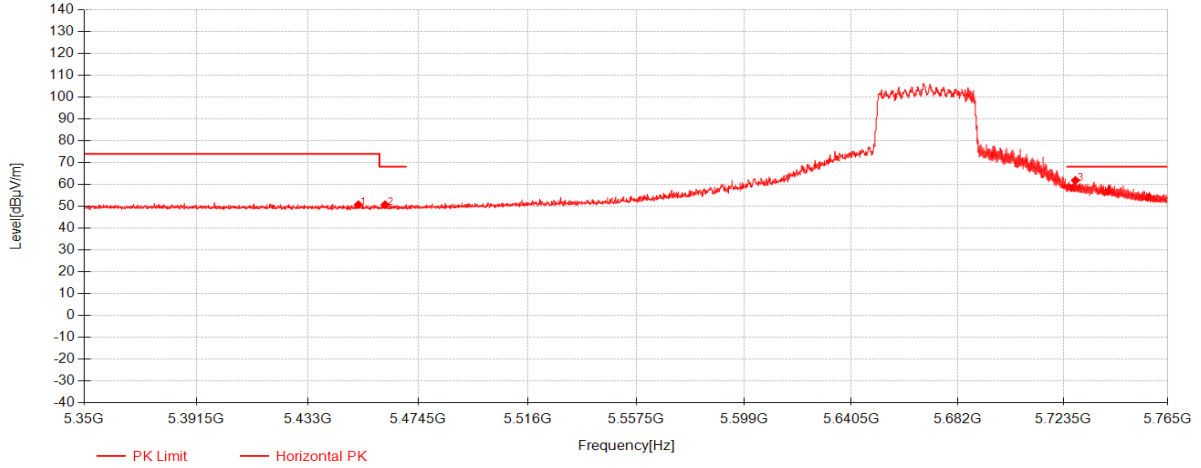
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5459.6567	43.49	32.82	-19.72	56.59	74.00	17.41	Vertical
2	5469.26	50.17	32.84	-19.72	63.29	68.20	4.91	Vertical
3	5745.51	38.84	33.67	-19.39	53.13	68.20	15.07	Vertical

11n(HT40)_TX_CH_102_Vertical_Average



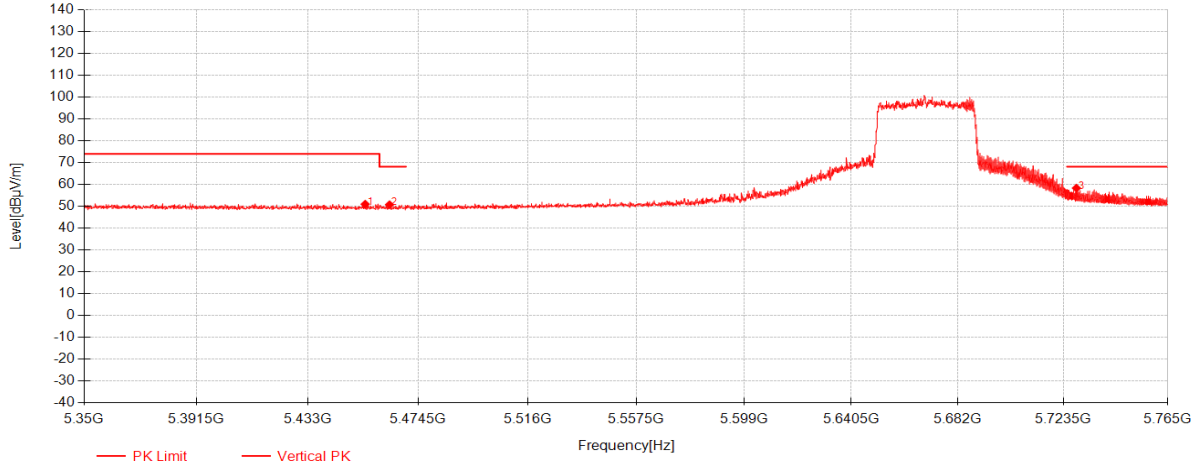
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5456.865	33.59	32.81	-19.72	46.68	54.00	7.32	Vertical
2	5459.6567	35.79	32.82	-19.72	48.89	54.00	5.11	Vertical

11ax(HE40)_TX_CH_134_Horizontal_Peak



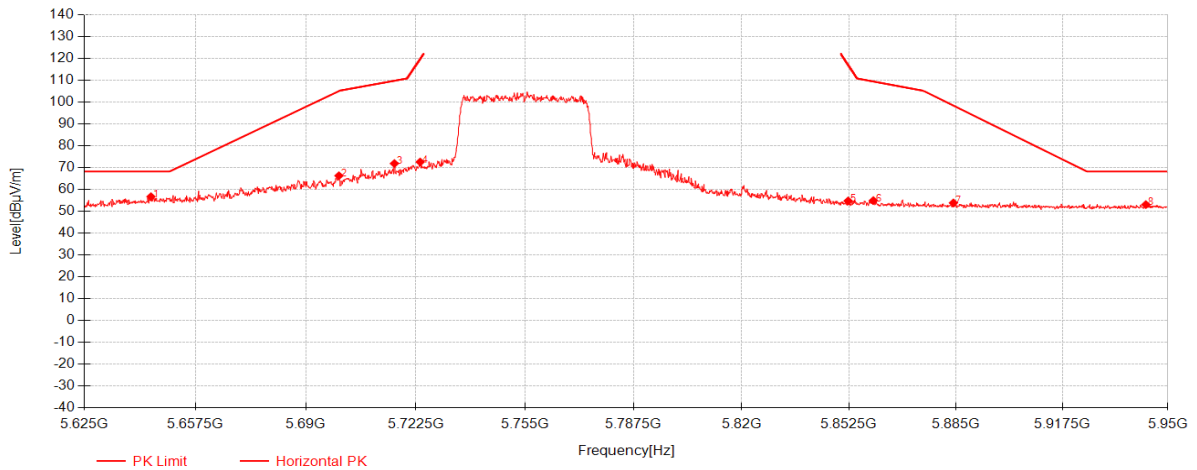
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5452.0633	37.68	32.80	-19.72	50.76	74.00	23.24	Horizontal
2	5462.1133	37.65	32.82	-19.72	50.75	68.20	17.45	Horizontal
3	5728.33	47.74	33.57	-19.40	61.91	68.20	6.29	Horizontal

11ax(HE40)_TX_CH_134_Vertical_Peak



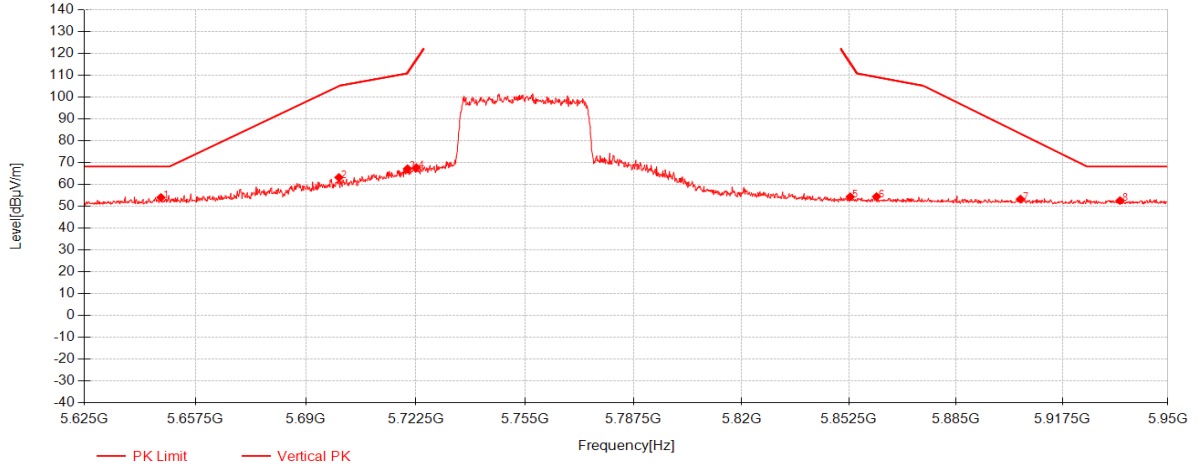
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5454.6317	37.90	32.81	-19.72	50.99	74.00	23.01	Vertical
2	5463.7883	37.65	32.83	-19.72	50.76	68.20	17.44	Vertical
3	5728.73	44.17	33.57	-19.40	58.35	68.20	9.85	Vertical

11ax(HE40)_TX_CH_151_Horizontal_Peak



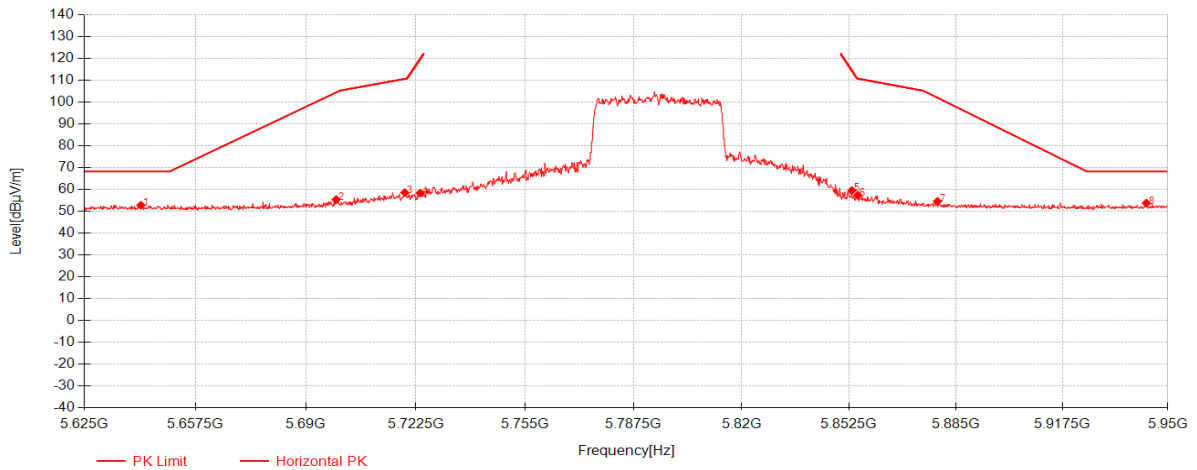
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5644.5	42.54	33.49	-19.29	56.74	68.30	11.56	Horizontal
2	5699.75	52.33	33.40	-19.41	66.32	105.12	38.80	Horizontal
3	5716.1625	57.82	33.50	-19.40	71.92	109.83	37.91	Horizontal
4	5723.8	58.48	33.54	-19.40	72.62	119.56	46.94	Horizontal
5	5852.175	39.85	34.30	-19.38	54.77	117.34	62.57	Horizontal
6	5859.8125	39.99	34.32	-19.38	54.93	109.55	54.62	Horizontal
7	5884.1875	38.91	34.37	-19.39	53.88	98.48	44.60	Horizontal
8	5943.175	38.15	34.31	-19.38	53.08	68.30	15.22	Horizontal

11ax(HE40)_TX_CH_151_Vertical_Peak



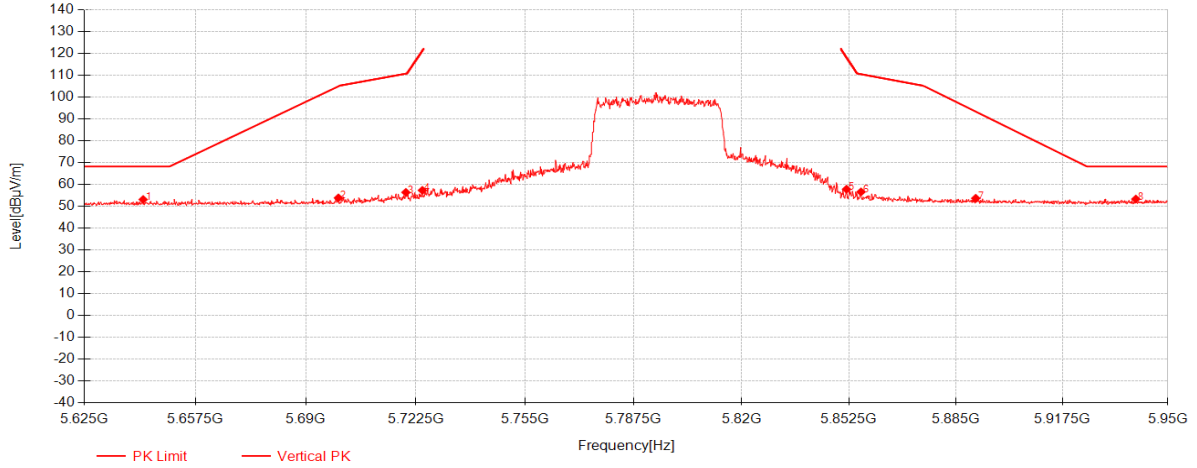
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5647.425	39.85	33.49	-19.29	54.05	68.30	14.25	Vertical
2	5699.75	49.25	33.40	-19.41	63.24	105.12	41.88	Vertical
3	5720.0625	53.14	33.52	-19.40	67.26	111.04	43.78	Vertical
4	5722.6625	53.60	33.54	-19.40	67.74	116.97	49.23	Vertical
5	5852.825	39.46	34.31	-19.38	54.38	115.86	61.48	Vertical
6	5860.7875	39.52	34.32	-19.38	54.46	109.28	54.82	Vertical
7	5904.6625	38.33	34.39	-19.40	53.32	83.31	29.99	Vertical
8	5935.2125	37.71	34.33	-19.39	52.65	68.30	15.65	Vertical

11ax(HE40)_TX_CH_159_Horizontal_Peak



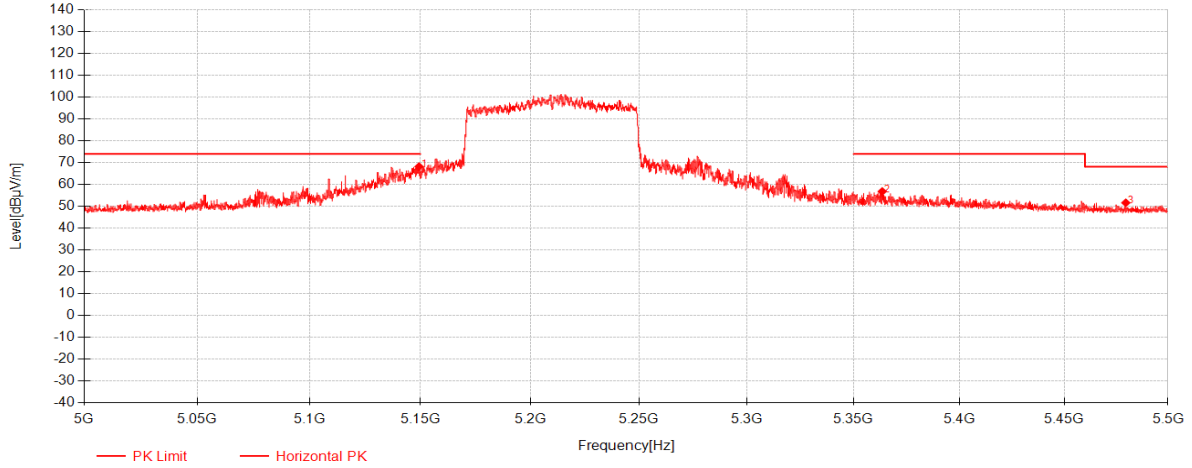
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5641.575	38.61	33.48	-19.28	52.81	68.30	15.49	Horizontal
2	5698.9375	41.41	33.40	-19.41	55.40	104.52	49.12	Horizontal
3	5719.25	44.47	33.52	-19.40	58.59	110.69	52.10	Horizontal
4	5723.8	44.23	33.54	-19.40	58.37	119.56	61.19	Horizontal
5	5853.3125	44.63	34.31	-19.38	59.56	114.75	55.19	Horizontal
6	5855.1	42.43	34.31	-19.38	57.36	110.87	53.51	Horizontal
7	5879.3125	39.61	34.36	-19.39	54.58	102.10	47.52	Horizontal
8	5943.3375	38.85	34.31	-19.38	53.78	68.30	14.52	Horizontal

11ax(HE40)_TX_CH_159_Vetical_Peak



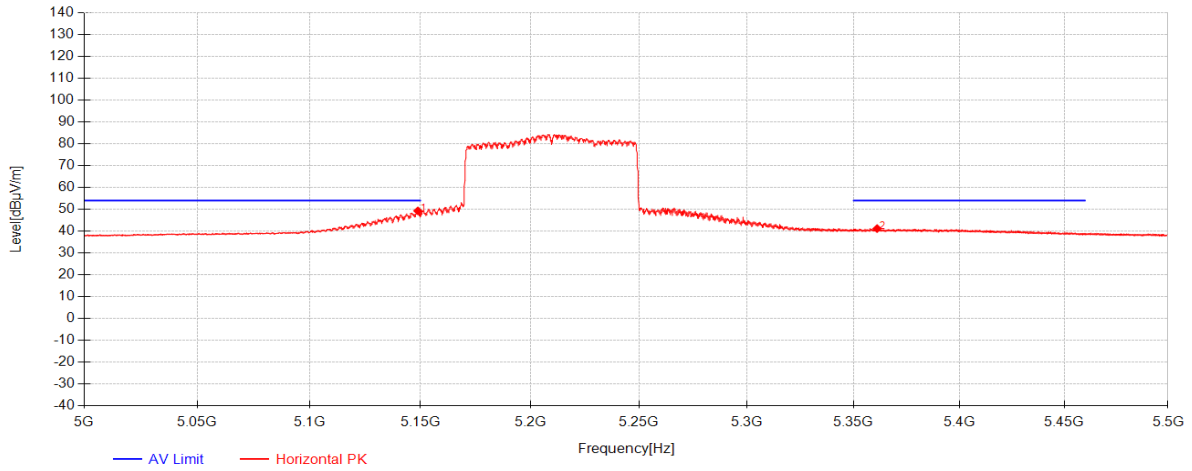
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5642.225	38.93	33.48	-19.28	53.13	68.30	15.17	Vertical
2	5699.5875	39.88	33.40	-19.41	53.87	105.00	51.13	Vertical
3	5719.575	42.28	33.52	-19.40	56.40	110.78	54.38	Vertical
4	5724.45	43.19	33.55	-19.40	57.34	121.05	63.71	Vertical
5	5851.6875	42.95	34.30	-19.38	57.87	118.45	60.58	Vertical
6	5856.075	41.68	34.31	-19.38	56.61	110.60	53.99	Vertical
7	5891.0125	38.71	34.38	-19.40	53.70	93.42	39.72	Vertical
8	5940.0875	38.41	34.32	-19.38	53.35	68.30	14.95	Vertical

11ax(HE80)_TX_CH_42_Horizontal_Peak



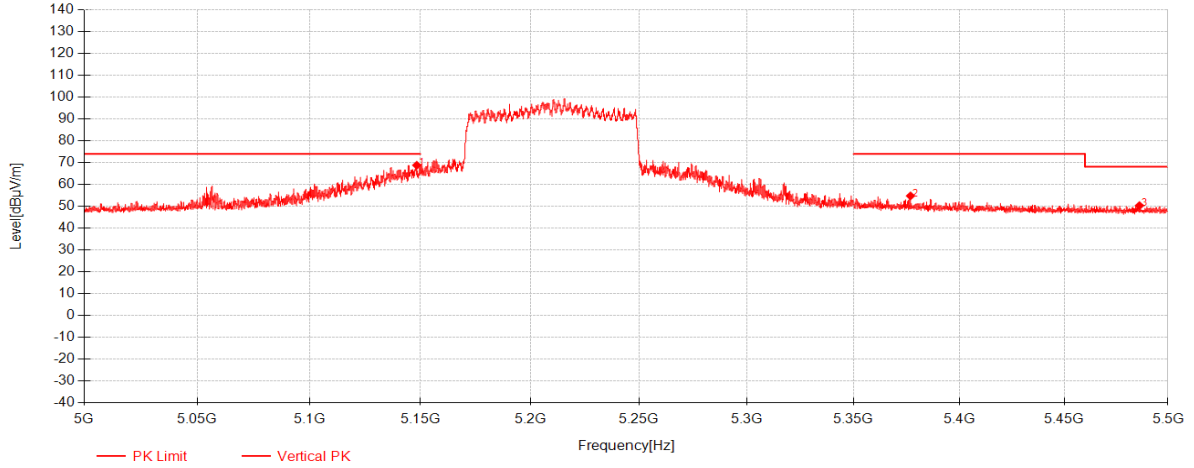
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5149.435	55.13	33.20	-20.11	68.22	74.00	5.78	Horizontal
2	5363.5	43.39	33.22	-19.79	56.82	74.00	17.18	Horizontal
3	5479.63	38.48	32.86	-19.72	51.62	68.20	16.58	Horizontal

11ax(HE80)_TX_CH_42_Horizontal_Average



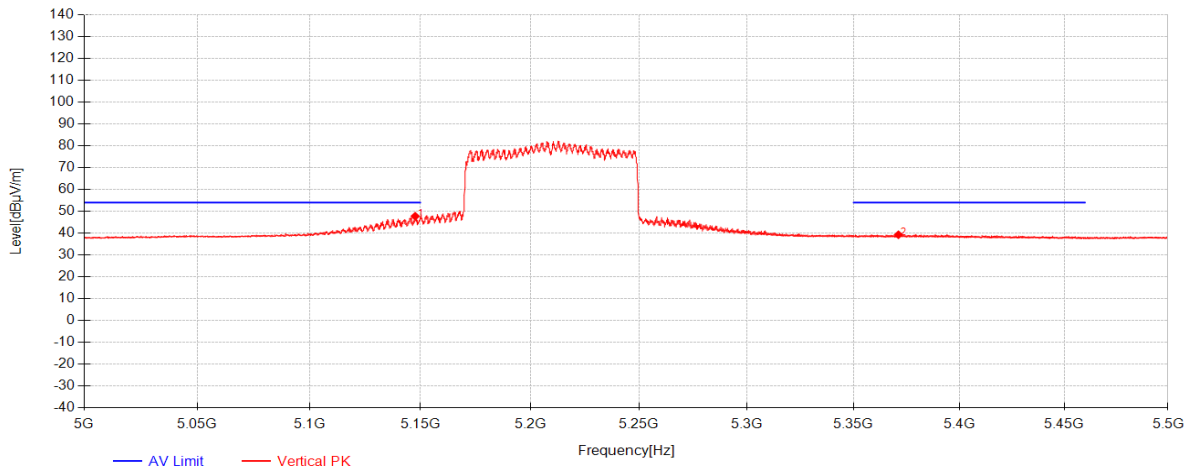
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5148.8933	36.18	33.21	-20.11	49.28	54.00	4.72	Horizontal
2	5361.07	27.74	33.23	-19.80	41.18	54.00	12.82	Horizontal

11ax(HE80)_TX_CH_42_Vertical_Peak



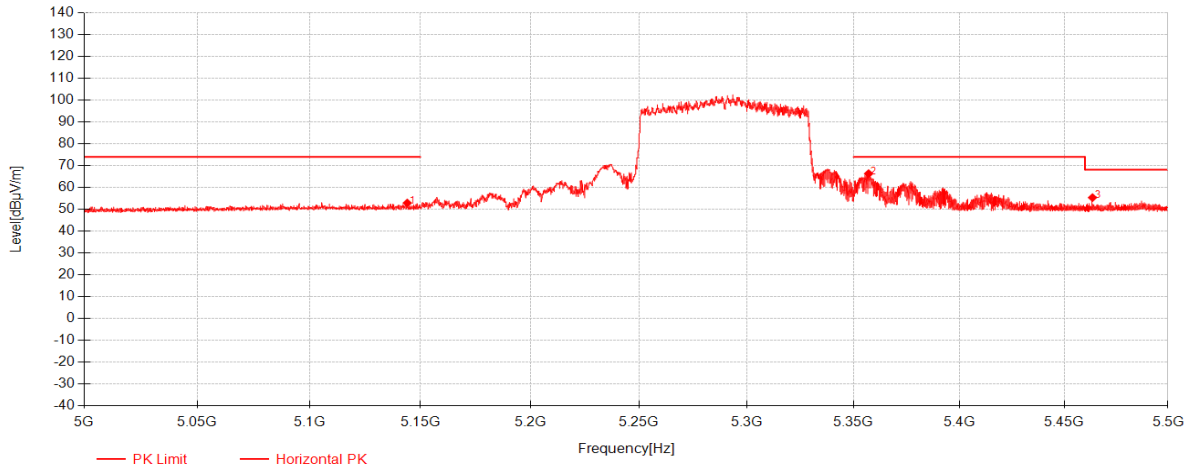
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5148.395	55.72	33.21	-20.12	68.82	74.00	5.18	Vertical
2	5376.85	41.42	33.14	-19.77	54.79	74.00	19.21	Vertical
3	5486.2	37.19	32.87	-19.72	50.34	68.20	17.86	Vertical

11ax(HE80)_TX_CH_42_Veritical_Average



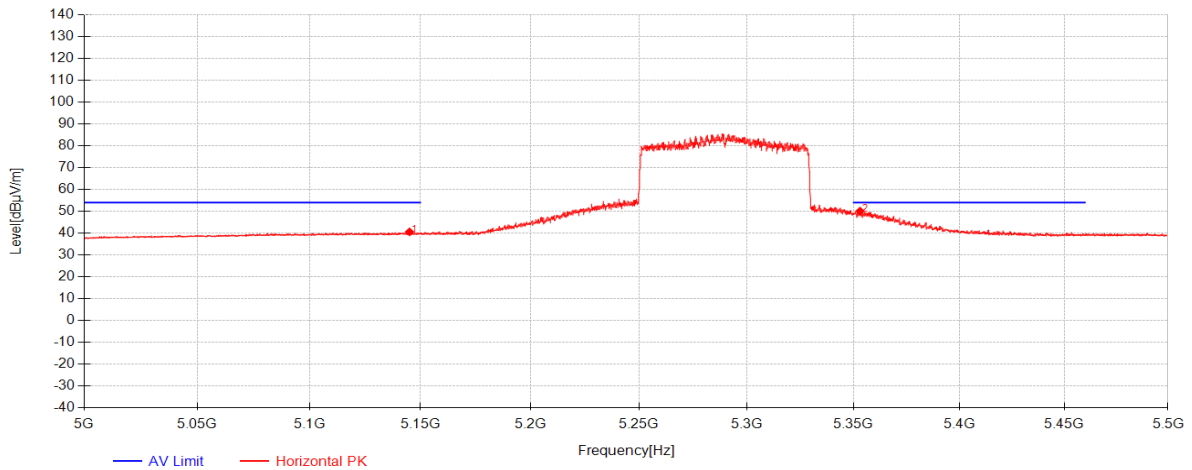
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.68	34.67	33.22	-20.12	47.77	54.00	6.23	Vertical
2	5371.15	25.86	33.17	-19.78	39.26	54.00	14.74	Vertical

11ax(HE80)_TX_CH_58_Horizontal_Peak



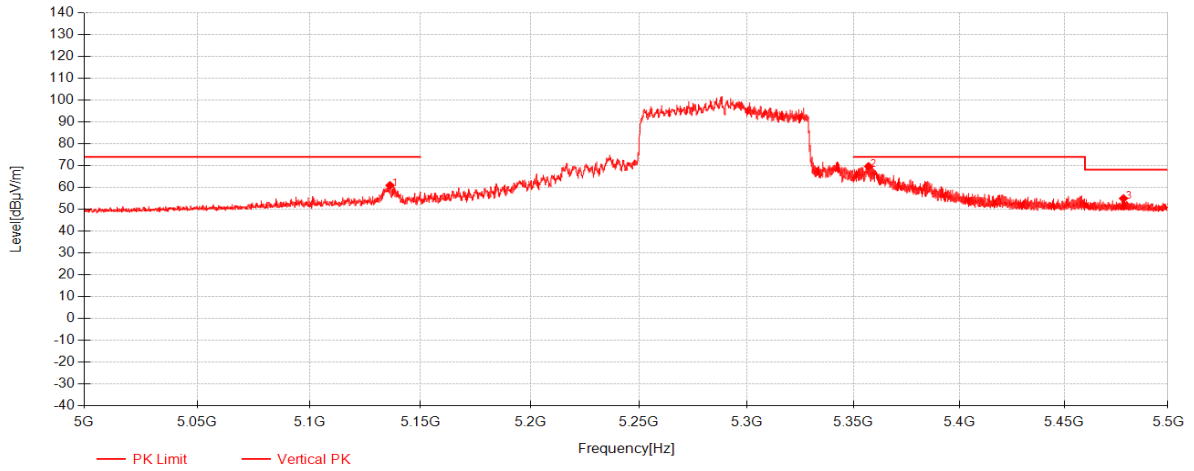
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5144.1	39.77	33.25	-20.13	52.89	74.00	21.11	Horizontal
2	5357.1	52.90	33.26	-19.81	66.35	74.00	7.65	Horizontal
3	5463.6	42.26	32.83	-19.72	55.37	68.20	12.83	Horizontal

11ax(HE80)_TX_CH_58_Horizontal_Average



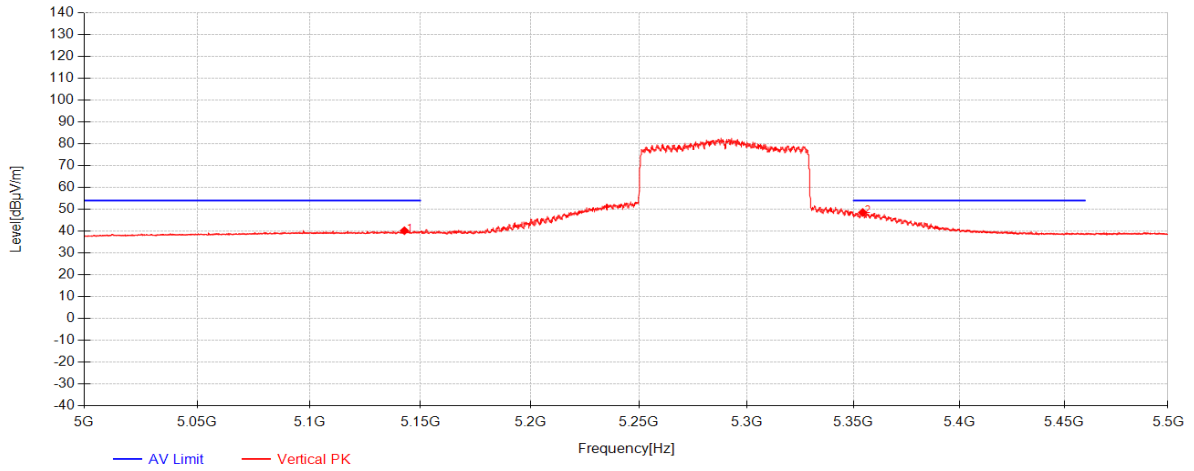
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5145.125	27.46	33.24	-20.13	40.57	54.00	13.43	Horizontal
2	5353.05	36.65	33.28	-19.81	50.12	54.00	3.88	Horizontal

11ax(HE80)_TX_CH_58_Vertical_Peak



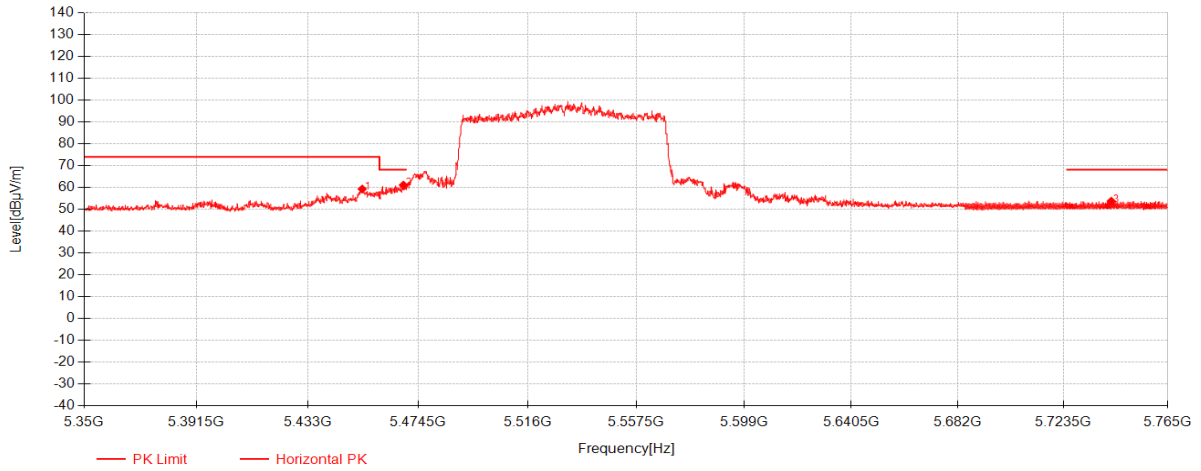
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5136.3	47.82	33.31	-20.16	60.97	74.00	13.03	Vertical
2	5357.075	56.25	33.26	-19.81	69.70	74.00	4.30	Vertical
3	5478.5	41.84	32.86	-19.72	54.98	68.20	13.22	Vertical

11ax(HE80)_TX_CH_58_Veritical_Average



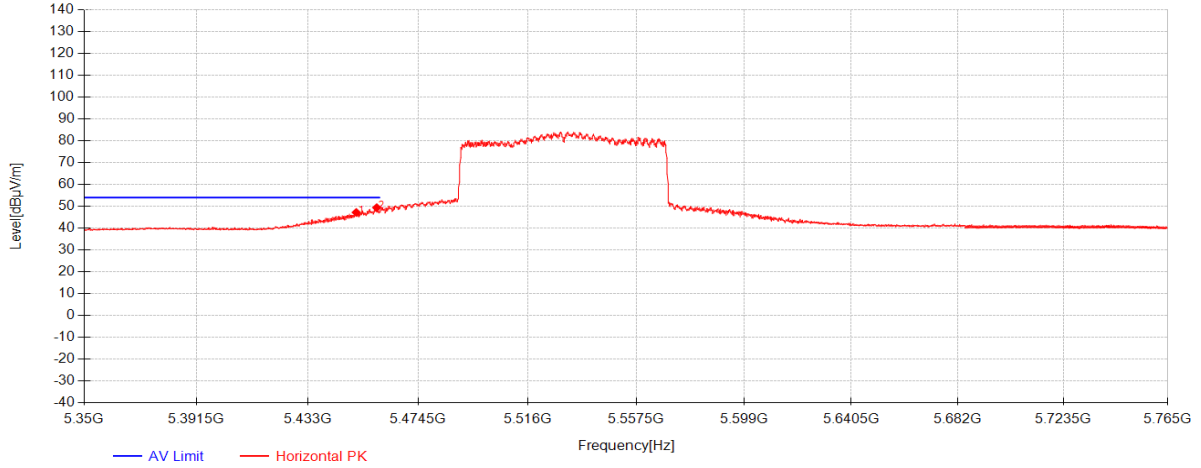
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5142.8	27.08	33.26	-20.13	40.20	54.00	13.80	Vertical
2	5354.3	35.11	33.27	-19.81	48.57	54.00	5.43	Vertical

11ax(HE80)_TX_CH_106_Horizontal_Peak



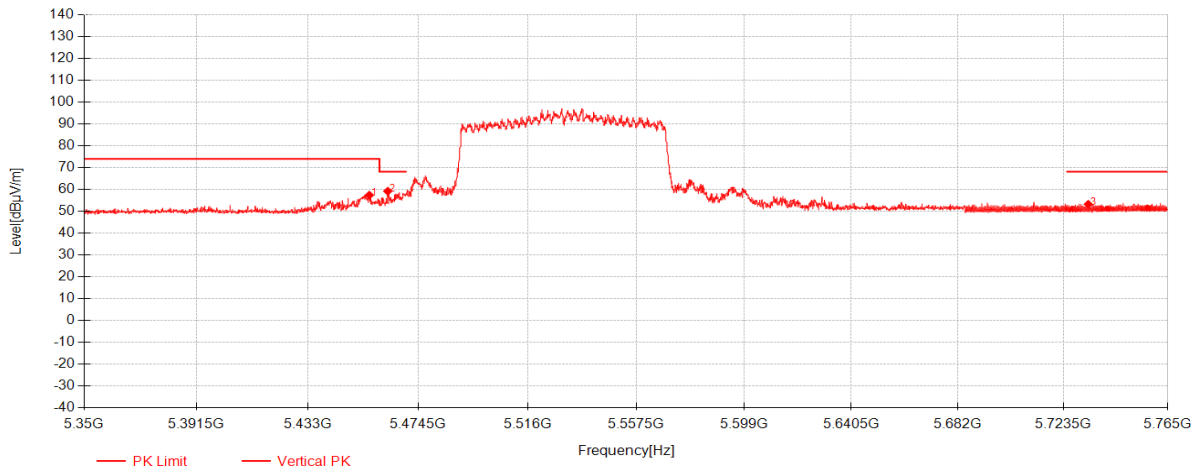
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5453.515	46.23	32.81	-19.72	59.32	74.00	14.68	Horizontal
2	5469.0367	48.02	32.84	-19.72	61.14	68.20	7.06	Horizontal
3	5742.5	39.47	33.66	-19.39	53.74	68.20	14.46	Horizontal

11ax(HE80)_TX_CH_106_Horizontal_Average



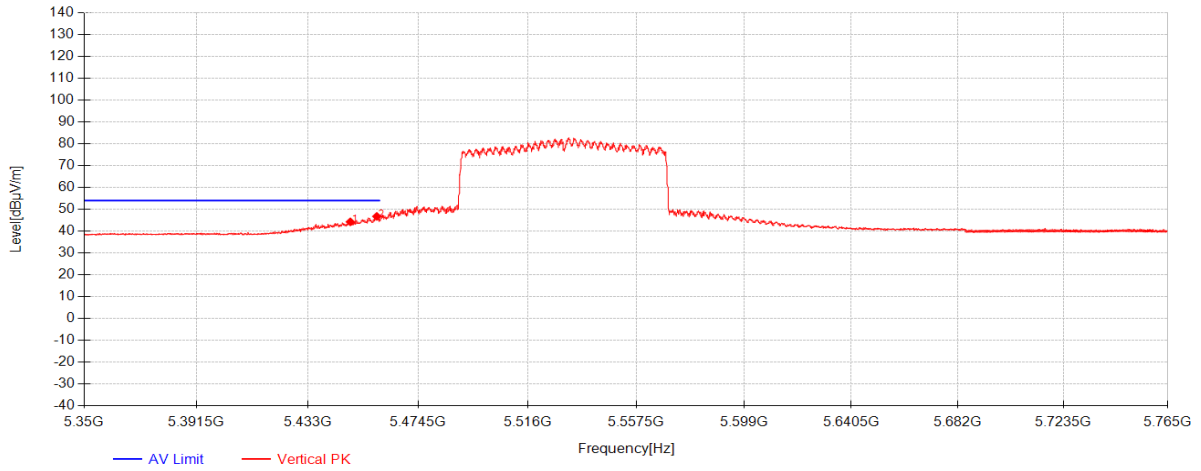
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5451.2817	34.13	32.80	-19.72	47.21	54.00	6.79	Horizontal
2	5458.9867	36.31	32.82	-19.72	49.41	54.00	4.59	Horizontal

11ax(HE80)_TX_CH_106_Vertical_Peak



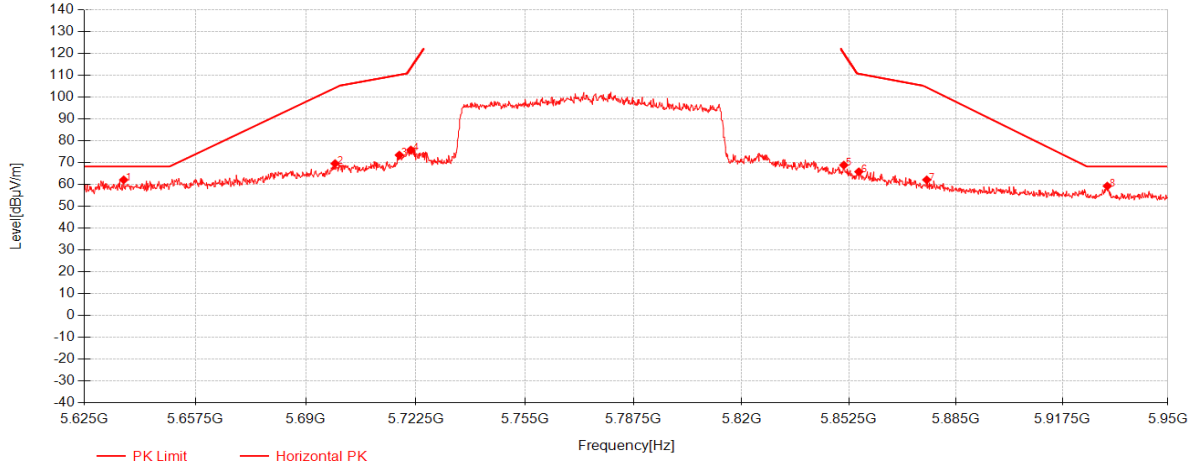
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5456.195	44.34	32.81	-19.72	57.43	74.00	16.57	Vertical
2	5463.1183	46.12	32.83	-19.72	59.23	68.20	8.97	Vertical
3	5733.42	39.04	33.60	-19.39	53.25	68.20	14.95	Vertical

11ax(HE80)_TX_CH_106_Vetical_Average



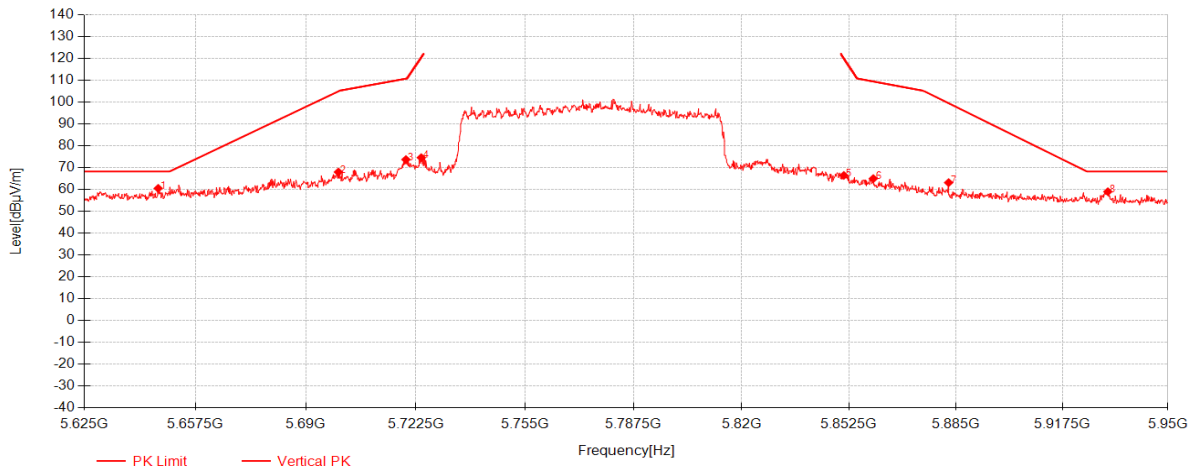
Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5449.0483	31.18	32.80	-19.72	44.26	54.00	9.74	Vertical
2	5458.9867	33.69	32.82	-19.72	46.79	54.00	7.21	Vertical

11ax(HE80)_TX_CH_155_Horizontal_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5636.5375	47.94	33.47	-19.27	62.14	68.30	6.16	Horizontal
2	5698.6125	55.61	33.40	-19.41	69.61	104.28	34.67	Horizontal
3	5717.625	59.40	33.51	-19.40	73.50	110.24	36.74	Horizontal
4	5721.0375	61.72	33.53	-19.40	75.85	113.27	37.42	Horizontal
5	5850.875	53.99	34.30	-19.38	68.91	120.30	51.39	Horizontal
6	5855.425	50.93	34.31	-19.38	65.86	110.78	44.92	Horizontal
7	5876.0625	47.20	34.35	-19.39	62.16	104.51	42.35	Horizontal
8	5931.3125	44.34	34.34	-19.39	59.29	68.30	9.01	Horizontal

11ax(HE80)_TX_CH_155_Vetical_Peak



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5646.6125	46.35	33.49	-19.29	60.55	68.30	7.75	Vertical
2	5699.5875	54.03	33.40	-19.41	68.02	105.00	36.98	Vertical
3	5719.575	59.62	33.52	-19.40	73.74	110.78	37.04	Vertical
4	5724.125	60.46	33.54	-19.40	74.61	120.31	45.70	Vertical
5	5850.875	51.54	34.30	-19.38	66.46	120.30	53.84	Vertical
6	5859.8125	50.07	34.32	-19.38	65.01	109.55	44.54	Vertical
7	5882.725	48.18	34.37	-19.39	63.15	99.56	36.41	Vertical
8	5931.475	44.07	34.34	-19.39	59.02	68.30	9.28	Vertical

7.5 Duty Cycle

Test Requirement ANSI C63.10-2020/Cor1-2023 Section 12.2

Test Method: ANSI C63.10-2020/Cor1-2023 Section 12.2

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 25.0 °C

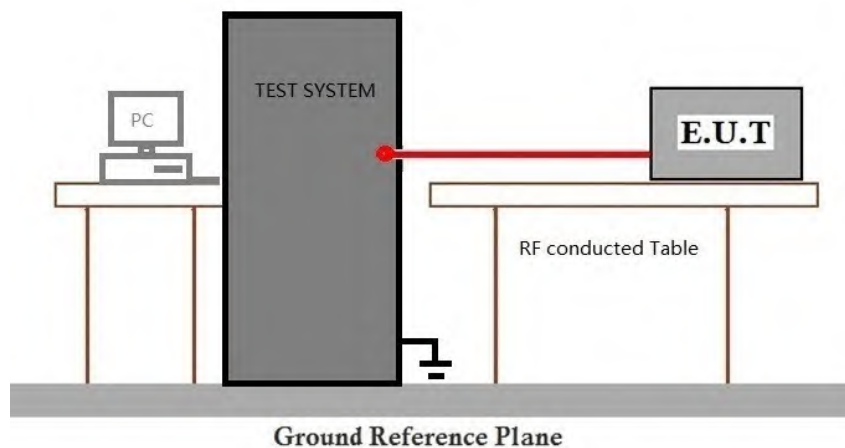
Humidity: 53.6 % RH

Atmospheric Pressure: 1001 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.6 99% Bandwidth

Test Requirement ANSI C63.10-2020/Cor1-2023 Section 12.5.3

Test Method: ANSI C63.10-2020/Cor1-2023 Section 12.5.3

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 25.0 °C

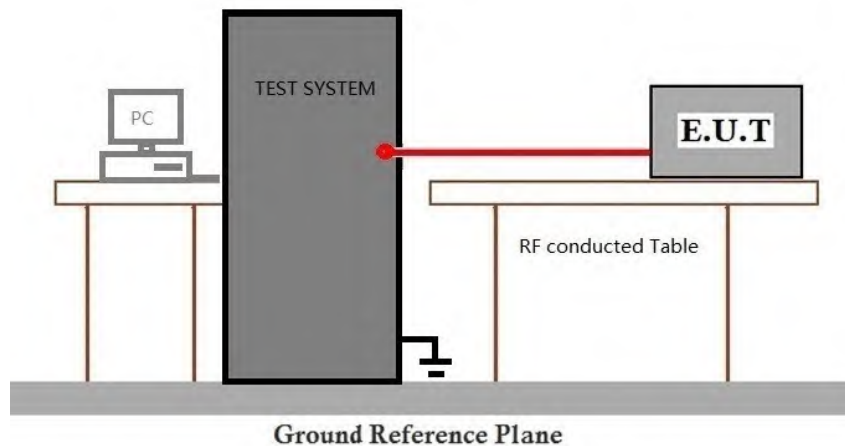
Humidity: 53.6 % RH

Atmospheric Pressure: 1001 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.7 26dB Emission Bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10-2020/Cor1-2023 Section 12.5.2

7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 25.0 °C

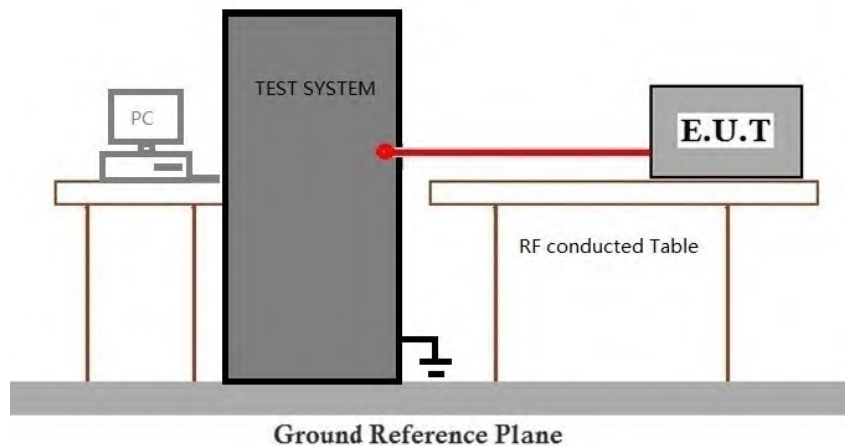
Humidity: 53.6 % RH

Atmospheric Pressure: 1001 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.8 Minimum 6 dB Bandwidth (5.725-5.85 GHz band)

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)

Test Method: ANSI C63.10-2020/Cor1-2023 Section 12.5.1

Limit:

Frequency band(MHz)	Limit
5725-5850	≥ 500 kHz

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 25.0 °C

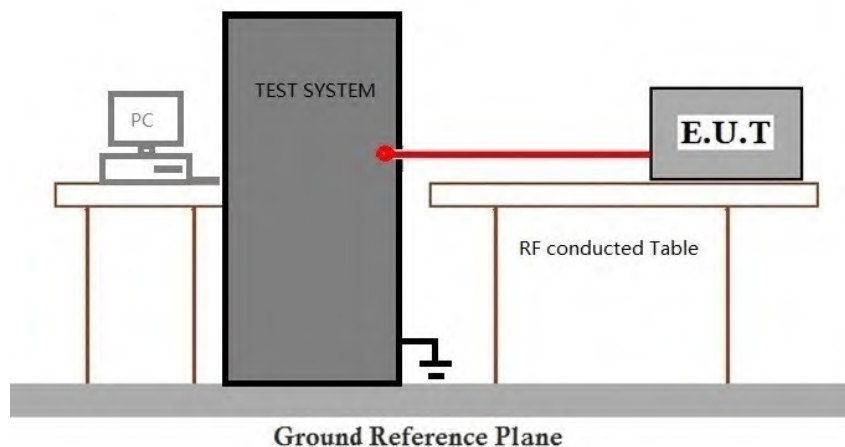
Humidity: 53.6 % RH

Atmospheric Pressure: 1001 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.9 Maximum Conducted Output Power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10-2020/Cor1-2023 Section 12.4

Limit:

Frequency band(MHz)	Limit
5150-5250	≤1W(30dBm) for master device
	≤250mW(24dBm) for client device
5250-5350	≤250mW(24dBm) or 11dBm+10logB*
5470-5725	≤250mW(24dBm) or 11dBm+10logB*
5725-5850	≤1W(30dBm)
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 25.0 °C

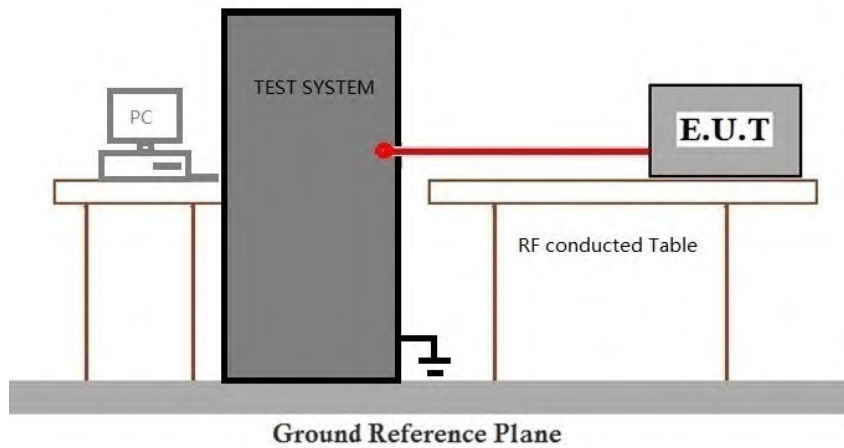
Humidity: 53.6 % RH

Atmospheric Pressure: 1001 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

AV Output power Level = Reading level + Cable loss + DCCF

Please Refer to Appendix for Details

7.10 Power Spectral Density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10-2020/Cor1-2023 Section 12.6

Limit:

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 25.0 °C

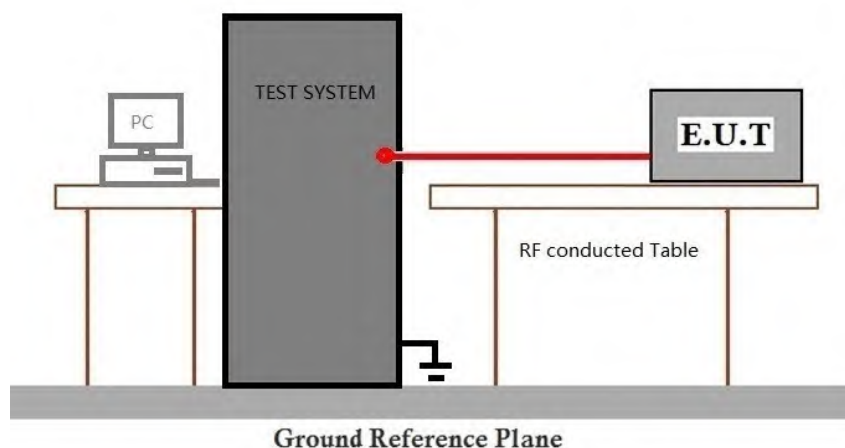
Humidity: 53.6 % RH

Atmospheric Pressure: 1001 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

RBW conversion factor from 300kHz to 500kHz (2.22dB) for UNII Band 3 has been considered.

Please Refer to Appendix for Details

7.11 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

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.

7.11.1 E.U.T. Operation

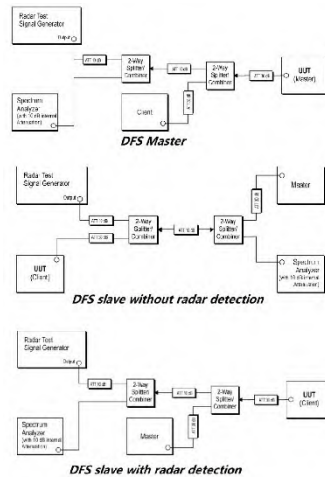
Operating Environment:

Temperature: 25.0 °C Humidity: 53.6 % RH Atmospheric Pressure: 1001 mbar

7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Normal operating_Keep the EUT communication with the companion device.

7.11.3 Test Setup Diagram



7.11.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.12 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

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.

7.12.1 E.U.T. Operation

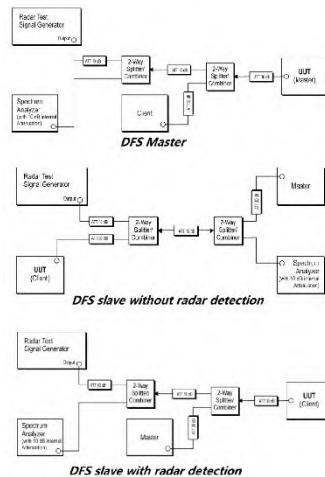
Operating Environment:

Temperature: 25.0 °C Humidity: 53.6 % RH Atmospheric Pressure: 1001 mbar

7.12.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Normal operating_Keep the EUT communication with the companion device.

7.12.3 Test Setup Diagram



7.12.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.13 Transmitter Power Control

Test Requirement 47 CFR Part 15, Subpart E 15.407 (h)(1)
Test Method: ANSI C63.10-2020/Cor1-2023 Section 12.4

Limit:

Able to lower EIRP below 24dBm when Max_EIRP $\geq$ 500 mW (27 dBm).

7.13.1 E.U.T. Operation

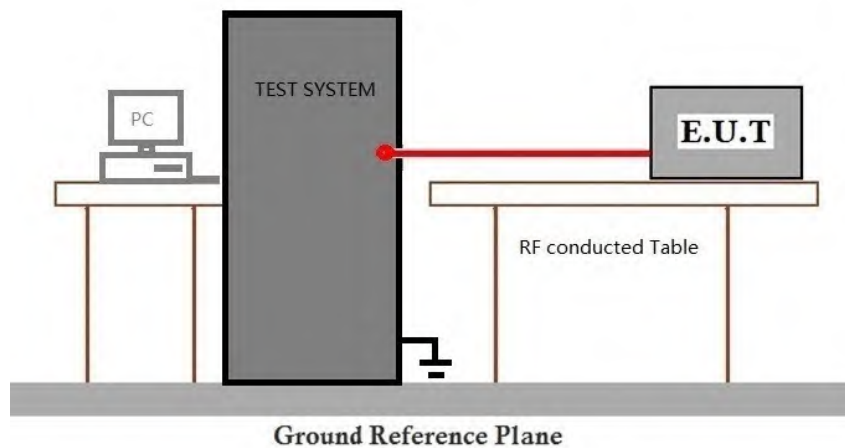
Operating Environment:

Temperature: 25.0 °C Humidity: 53.6 % RH Atmospheric Pressure: 1001 mbar

7.13.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Normal operating_Keep the EUT communication with the companion device.

7.13.3 Test Setup Diagram



7.13.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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8 Test Setup Photo

Refer to Appendix A.3_Photos of Test Setup for SUCR2606000479AT

9 EUT Constructional Details (EUT Photos)

Refer to Appendix A.1_External Photos for SUCR2606000479AT and Appendix A.2_Internal Photos for SUCR2606000479AT

10 Appendix

1. Signal Calibration

1.1 Test Result

1.1.1 SC

Band: 2A							
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration		Verdict
			Type	Trial Id	Result	Limit	
802.11ax (HEW20)	20	5320	0	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
			2	0	Refer To Test Graph		Pass
			3	0	Refer To Test Graph		Pass
			4	0	Refer To Test Graph		Pass
			5	0	Refer To Test Graph		Pass
			6	0	Refer To Test Graph		Pass

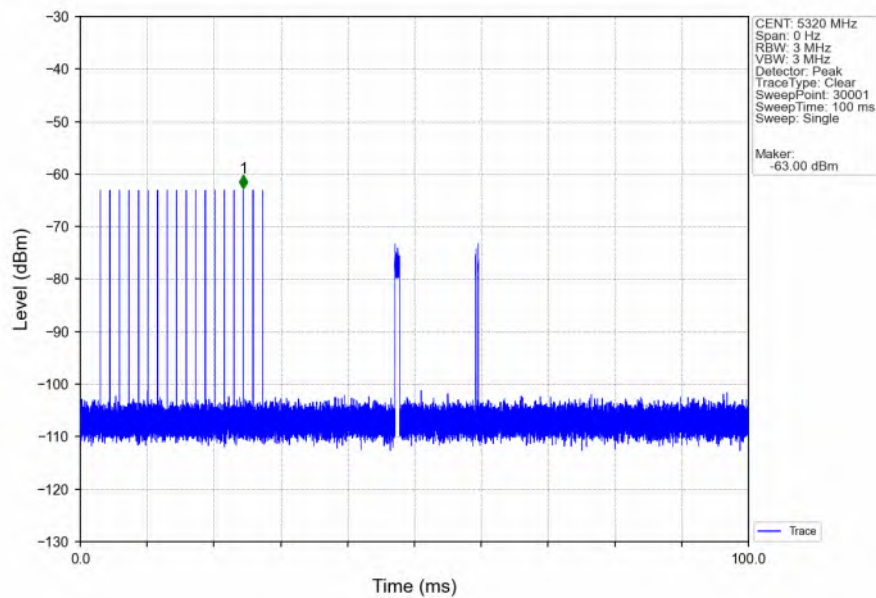
1.1.2 SC

Band: 2C							
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration		Verdict
			Type	Trial Id	Result	Limit	
802.11ax (HEW80)	80	5530	0	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
			2	0	Refer To Test Graph		Pass
			3	0	Refer To Test Graph		Pass
			4	0	Refer To Test Graph		Pass
			5	0	Refer To Test Graph		Pass
			6	0	Refer To Test Graph		Pass

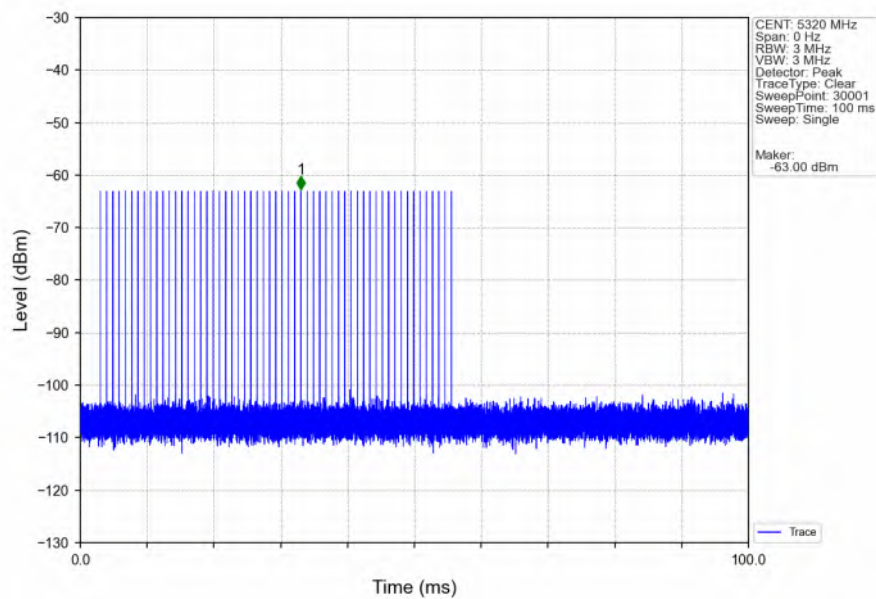
1.2 Test Graph

1.2.1 SC

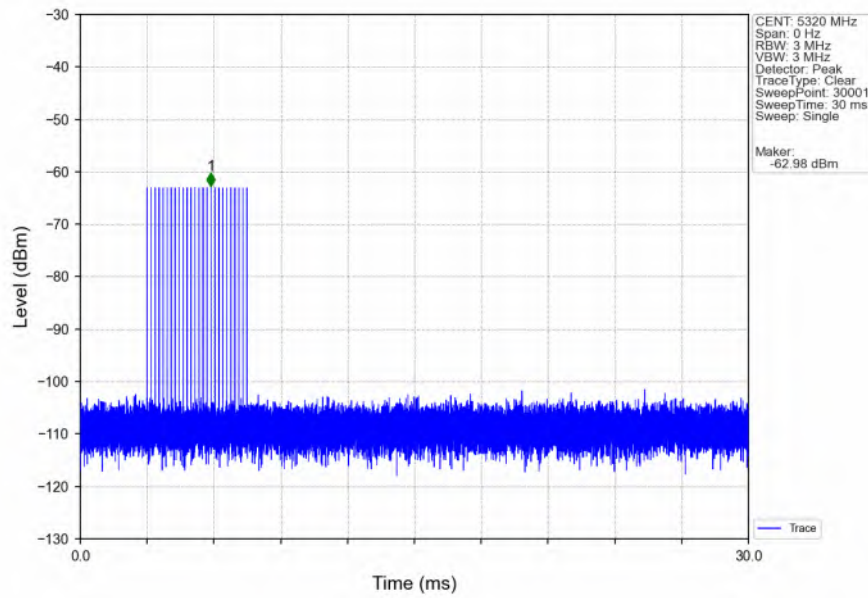
Signal Calibration_802.11ax(HEW20)_2A_5320MHz_RadarType0_Trial0



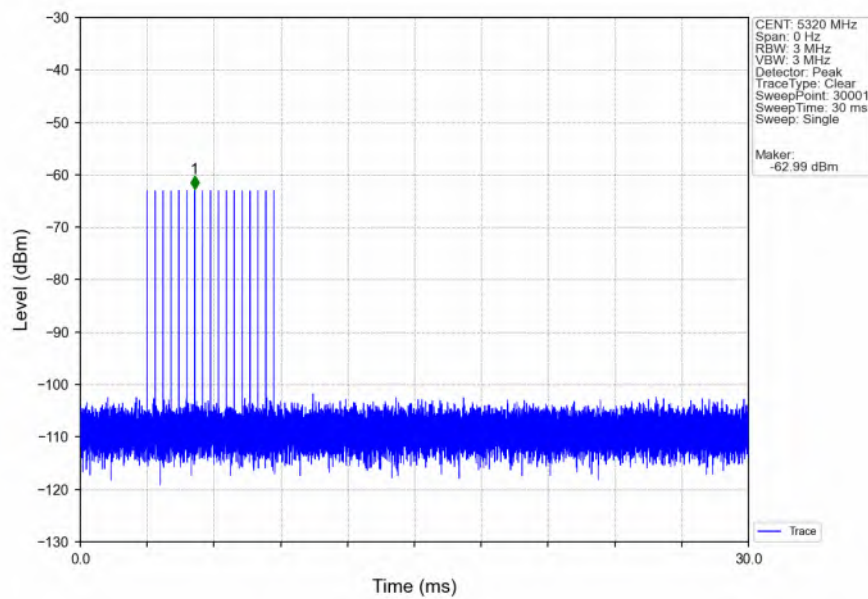
Signal Calibration_802.11ax(HEW20)_2A_5320MHz_RadarType1_Trial0



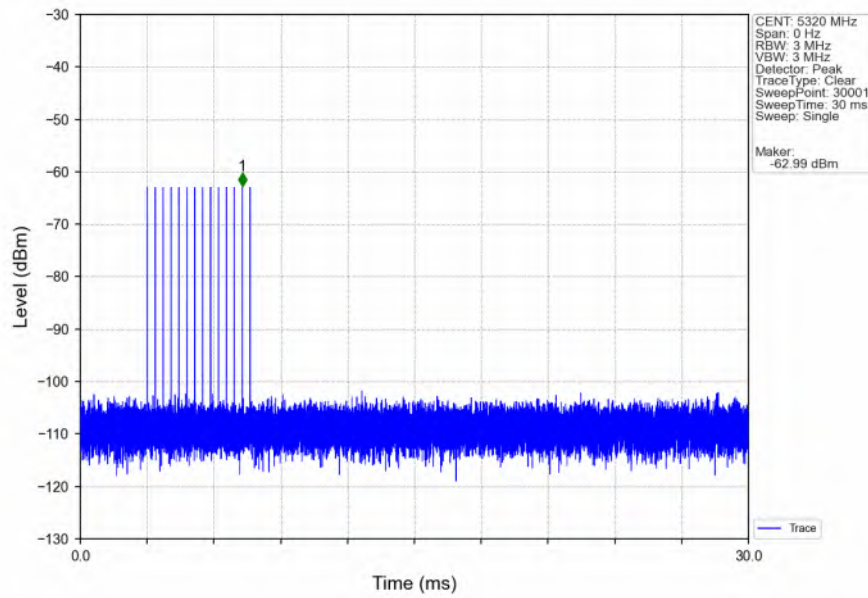
Signal Calibration_802.11ax(HEW20)_2A_5320MHz_RadarType2_Trial0



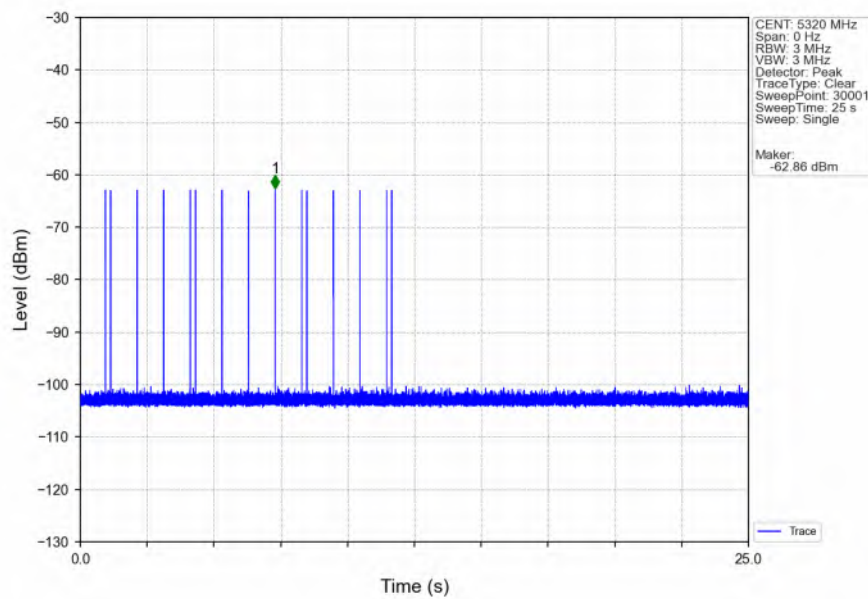
Signal Calibration_802.11ax(HEW20)_2A_5320MHz_RadarType3_Trial0



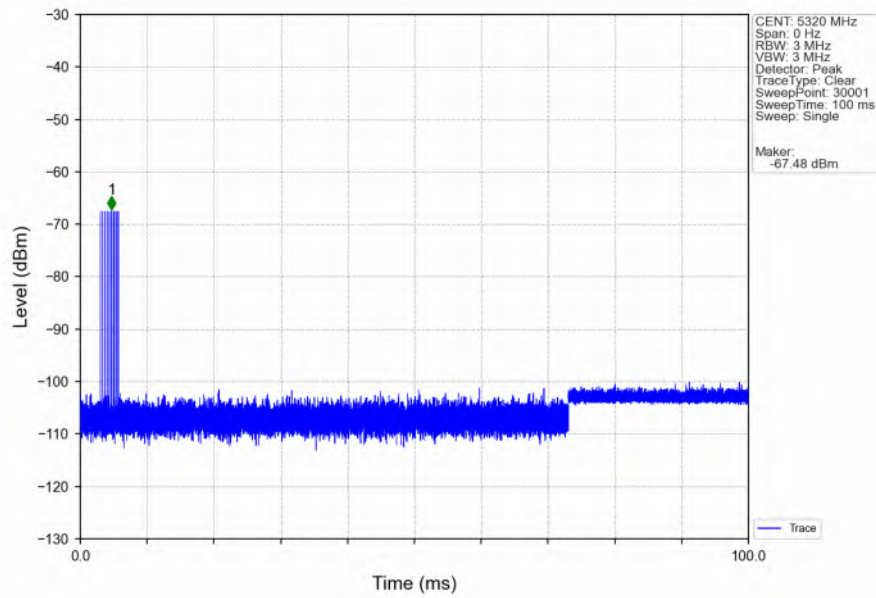
Signal Calibration_802.11ax(HEW20)_2A_5320MHz_RadarType4_Trial0



Signal Calibration_802.11ax(HEW20)_2A_5320MHz_RadarType5_Trial0

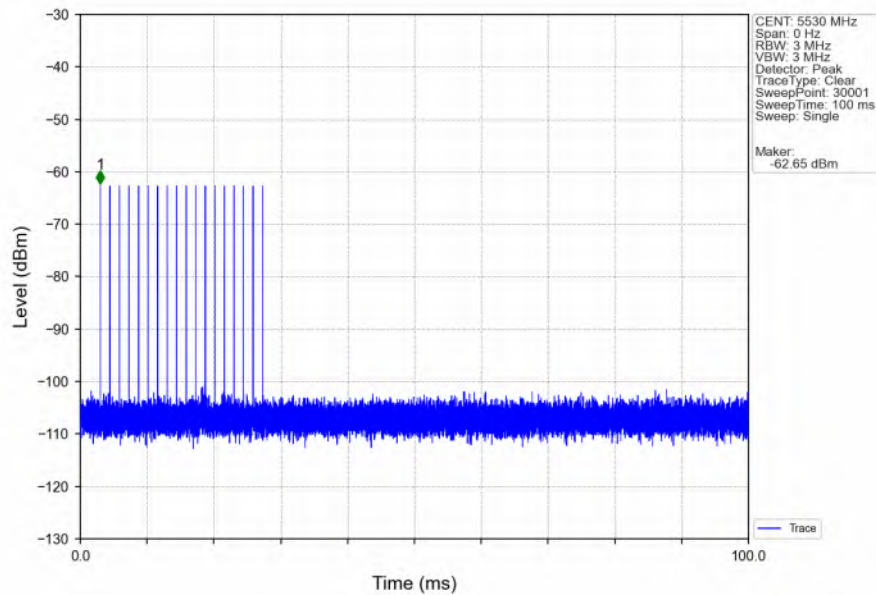


Signal Calibration_802.11ax(HEW20)_2A_5320MHz_RadarType6_Trial0

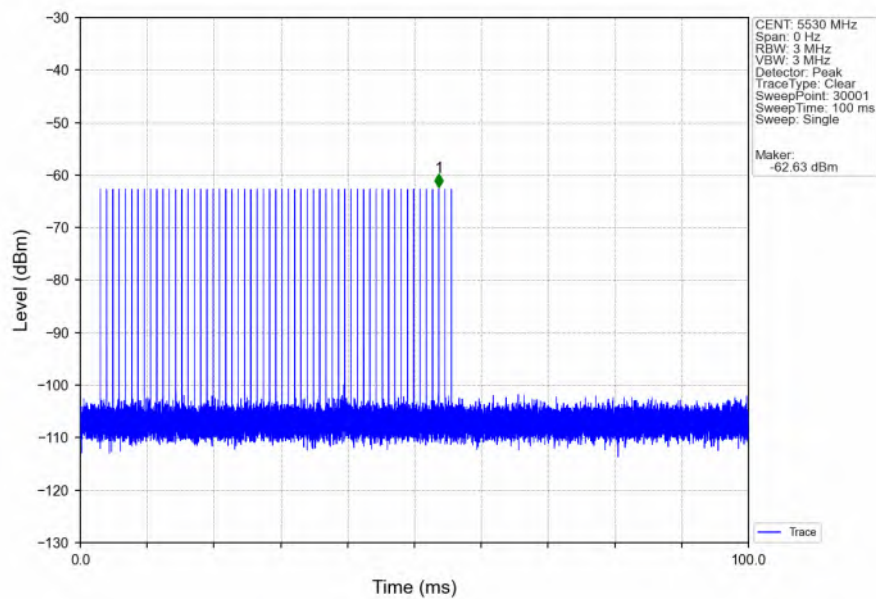


1.2.2 SC

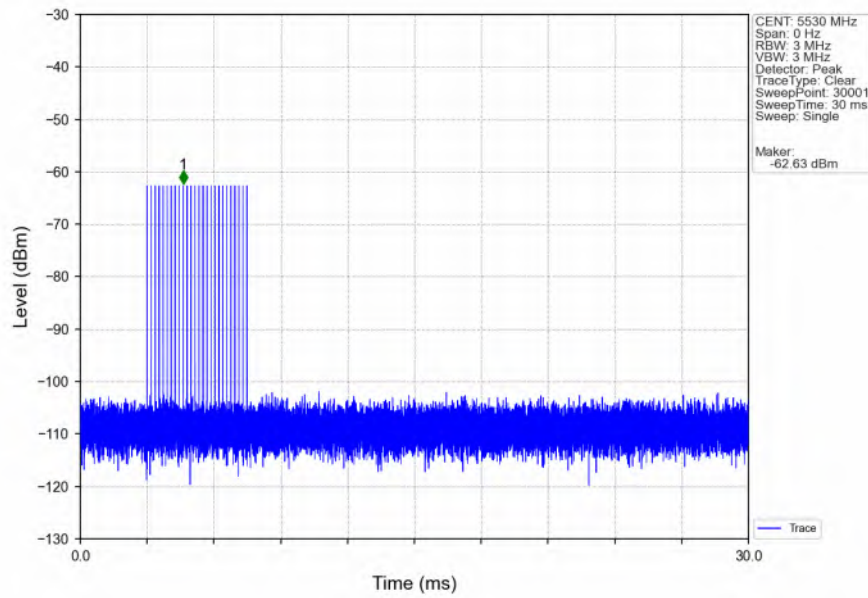
Signal Calibration_802.11ax(HEW80)_2C_5530MHz_RadarType0_Trial0



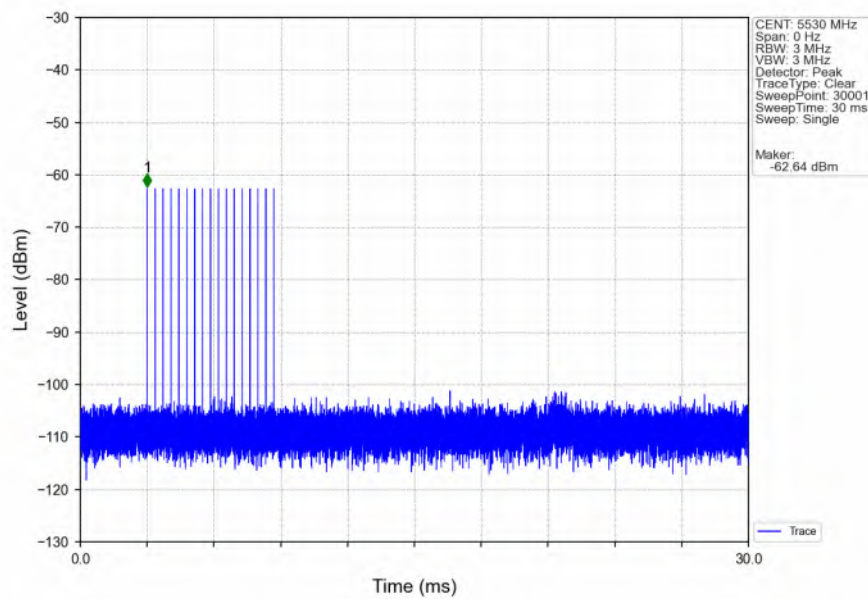
Signal Calibration_802.11ax(HEW80)_2C_5530MHz_RadarType1_Trial0



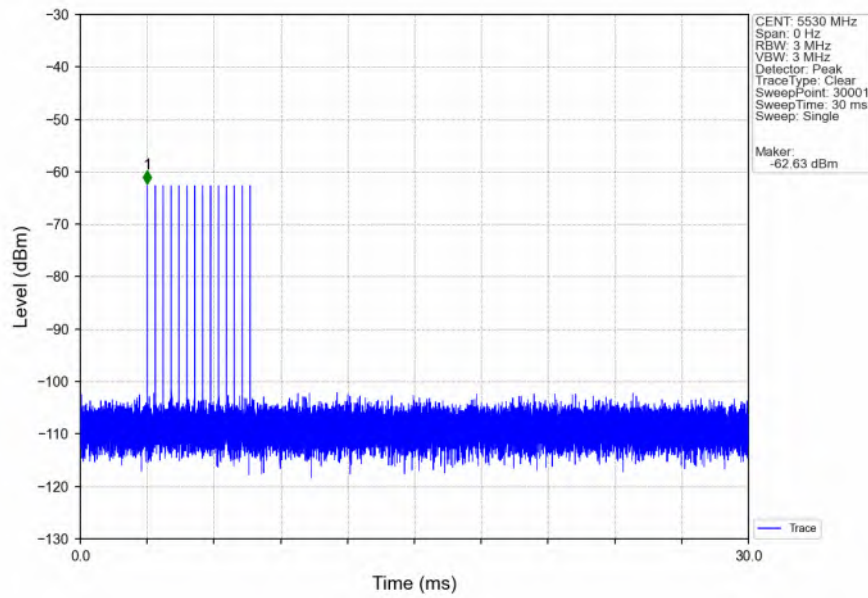
Signal Calibration_802.11ax(HEW80)_2C_5530MHz_RadarType2_Trial0



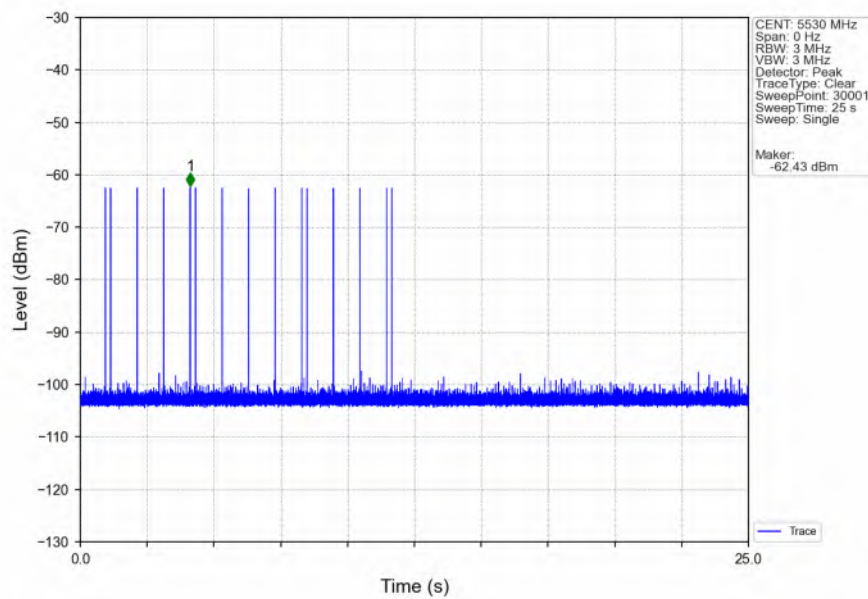
Signal Calibration_802.11ax(HEW80)_2C_5530MHz_RadarType3_Trial0



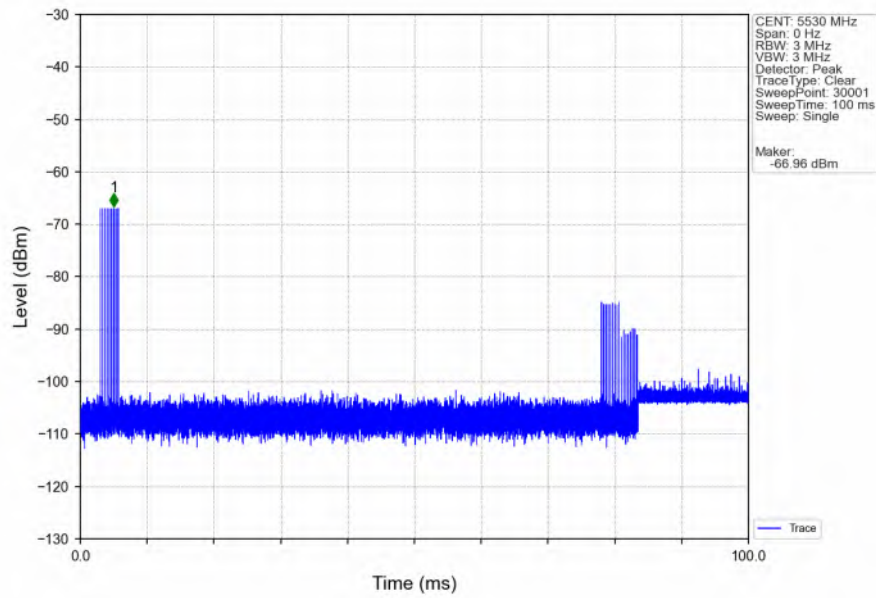
Signal Calibration_802.11ax(HEW80)_2C_5530MHz_RadarType4_Trial0



Signal Calibration_802.11ax(HEW80)_2C_5530MHz_RadarType5_Trial0



Signal Calibration_802.11ax(HEW80)_2C_5530MHz_RadarType6_Trial0



2. Channel Loading (Payload)

2.1 Test Result

2.1.1 Payload

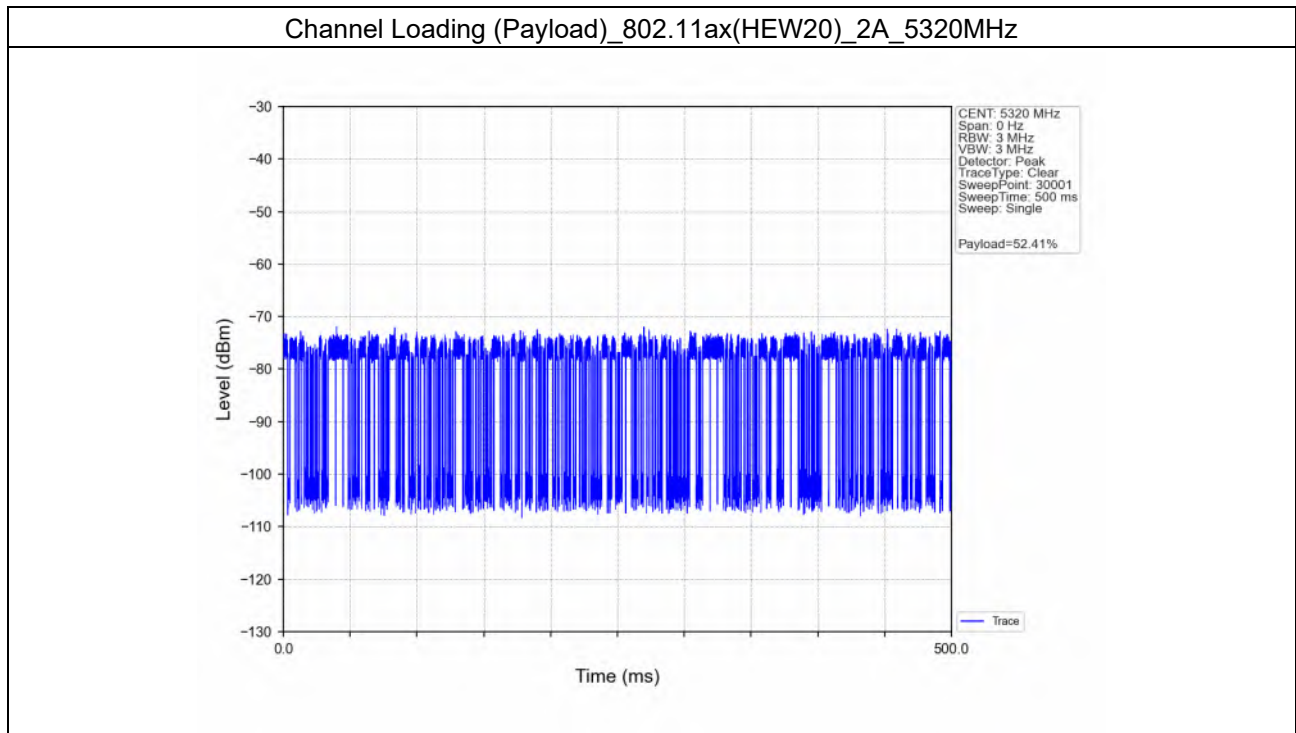
Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Loading (Payload) (%)		Verdict
			Result	Limit	
802.11ax (HEW20)	20	5320	52.41	≥ 17	Pass

2.1.2 Payload

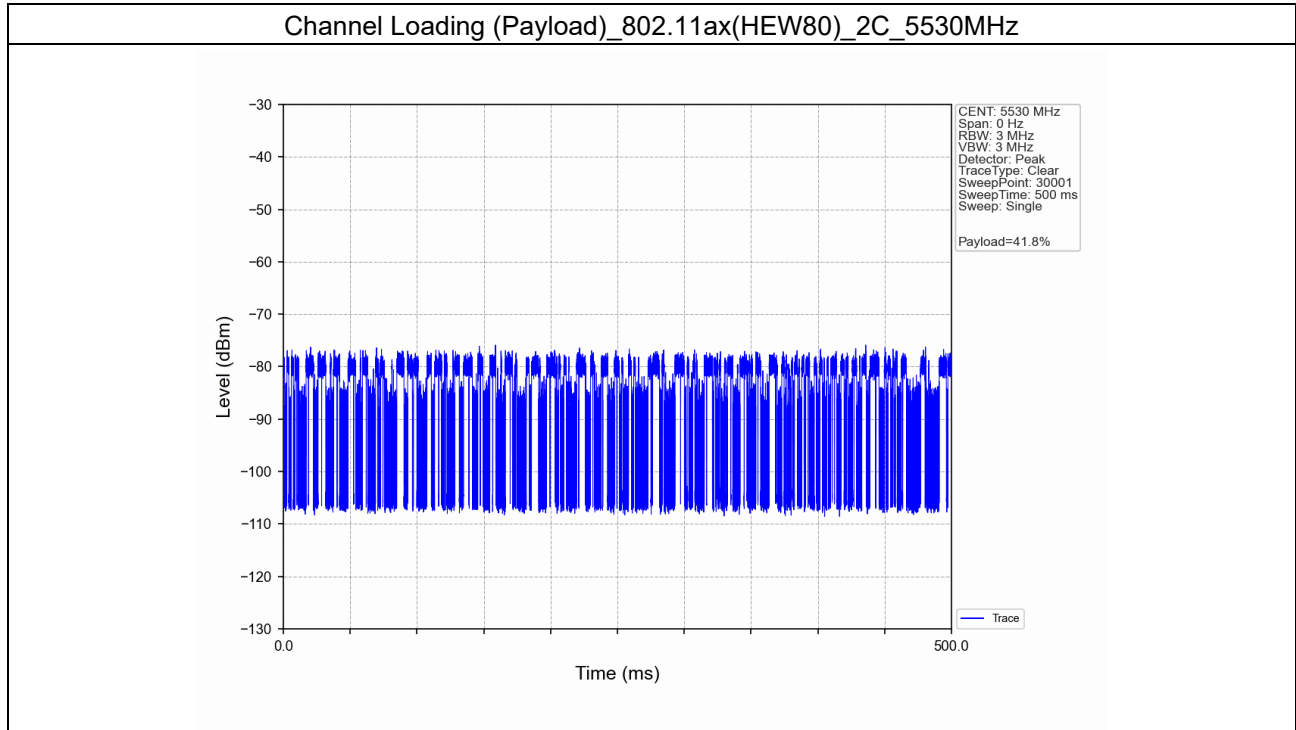
Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Loading (Payload) (%)		Verdict
			Result	Limit	
802.11ax (HEW80)	80	5530	41.80	≥ 17	Pass

2.2 Test Graph

2.2.1 Payload



2.2.2 Payload



3. Channel Move Time and Closing Transmission Time

3.1 Test Result

3.1.1 CMT_CTT

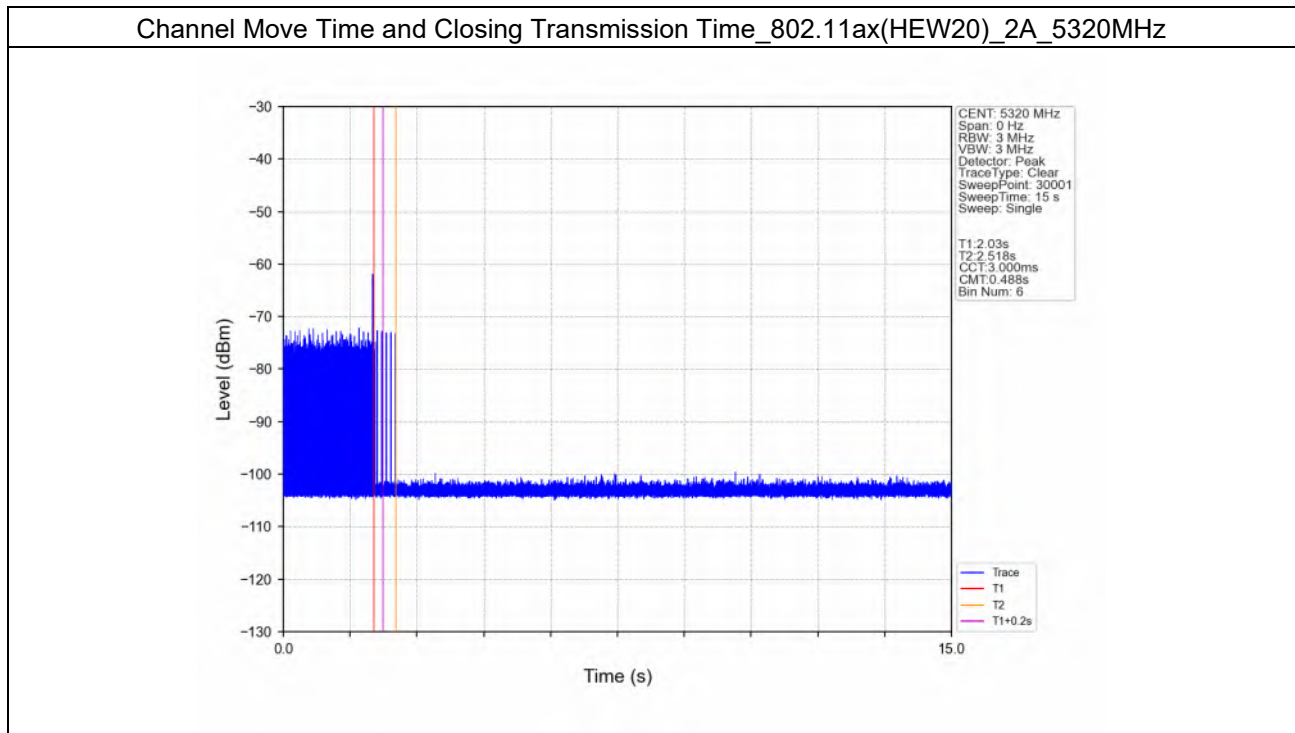
Band: 2A							
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Closing Transmission Time (ms)		Channel Move Time (s)		Verdict
			Result	Limit	Result	Limit	
802.11ax (HEW20)	20	5320	3.000	<= 60	0.488	<=10	Pass

3.1.2 CMT_CTT

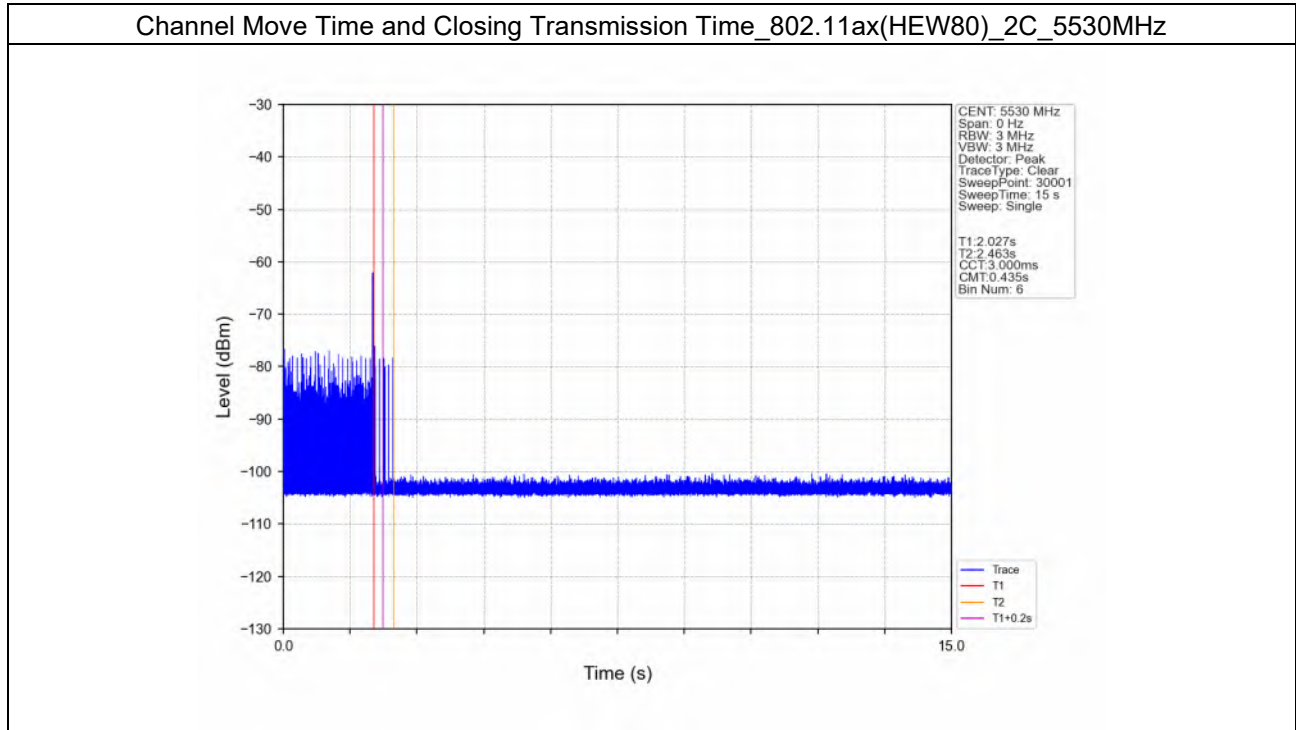
Band: 2C							
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Closing Transmission Time (ms)		Channel Move Time (s)		Verdict
			Result	Limit	Result	Limit	
802.11ax (HEW80)	80	5530	3.000	<= 60	0.435	<=10	Pass

3.2 Test Graph

3.2.1 CMT_CTT



3.2.2 CMT_CTT





4. Non-Occupancy Period

4.1 Test Result

4.1.1 Period

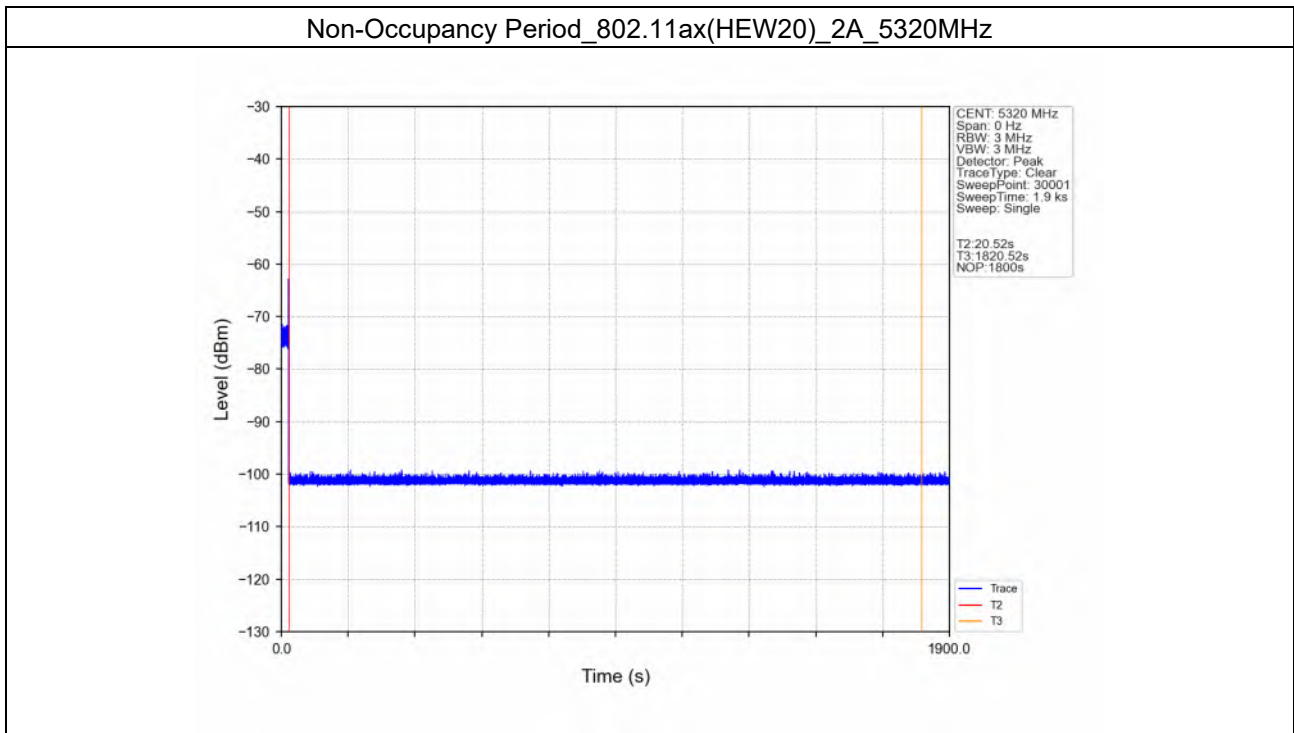
Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Non-Occupancy Period		Verdict
			Result	Limit	
802.11ax (HEW20)	20	5320	Refer To Test Graph		Pass

4.1.2 Period

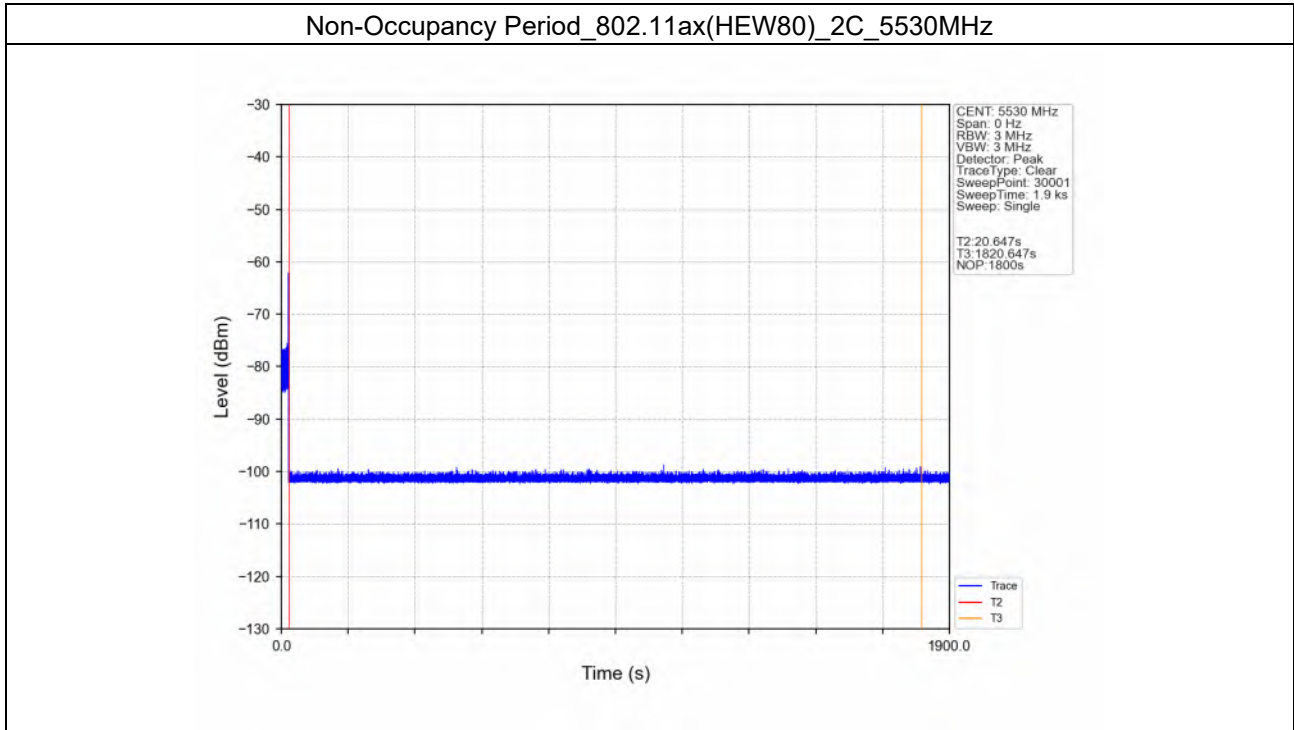
Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Non-Occupancy Period		Verdict
			Result	Limit	
802.11ax (HEW80)	80	5530	Refer To Test Graph		Pass

4.2 Test Graph

4.2.1 Period



4.2.2 Period



1. Duty Cycle

1.1 Test Result

1.1.1 Ant2

Ant2									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	5.359	5.402	99.20	0.03	0.00
802.11n (HT20)	MIMO	5180	/	/	4.040	4.083	98.95	0.05	0.03
802.11n (HT40)	MIMO	5190	/	/	3.596	3.694	97.35	0.12	0.03
802.11ac (VHT80)	MIMO	5210	/	/	1.823	1.865	97.75	0.10	0.00
802.11ax (HEW20)	MIMO	5180	SU	/	4.335	4.379	99.00	0.04	0.03
802.11ax (HEW40)	MIMO	5190	SU	/	4.154	4.197	98.98	0.04	0.00
802.11ax (HEW80)	MIMO	5210	SU	/	2.035	2.079	97.88	0.09	0.03

2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	2	17.064	/	Pass
		5200	/	/	2	16.841	/	Pass
		5240	/	/	2	18.069	/	Pass
		5260	/	/	2	18.984	/	Pass
		5300	/	/	2	16.944	/	Pass
		5320	/	/	2	16.823	/	Pass
		5500	/	/	2	16.587	/	Pass
		5580	/	/	2	16.570	/	Pass
		5700	/	/	2	17.690	/	Pass
		5745	/	/	2	17.660	/	Pass
		5785	/	/	2	19.472	/	Pass
		5825	/	/	2	18.003	/	Pass
802.11n (HT20)	MIMO	5180	/	/	2	17.732	/	Pass
		5200	/	/	2	17.769	/	Pass
		5240	/	/	2	17.759	/	Pass
		5260	/	/	2	18.542	/	Pass
		5300	/	/	2	17.839	/	Pass
		5320	/	/	2	17.783	/	Pass
		5500	/	/	2	17.813	/	Pass
		5580	/	/	2	18.755	/	Pass
		5700	/	/	2	17.904	/	Pass
		5745	/	/	2	17.873	/	Pass
		5785	/	/	2	18.064	/	Pass
		5825	/	/	2	18.066	/	Pass
802.11n (HT40)	MIMO	5190	/	/	2	36.911	/	Pass
		5230	/	/	2	36.808	/	Pass
		5270	/	/	2	36.751	/	Pass
		5310	/	/	2	36.913	/	Pass
		5510	/	/	2	37.157	/	Pass
		5550	/	/	2	37.953	/	Pass
		5670	/	/	2	42.435	/	Pass
		5755	/	/	2	42.259	/	Pass
		5795	/	/	2	43.467	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	2	75.982	/	Pass
		5290	/	/	2	75.957	/	Pass
		5530	/	/	2	75.907	/	Pass
		5610	/	/	2	76.520	/	Pass
		5775	/	/	2	76.752	/	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	2	18.987	/	Pass
		5200	SU	/	2	18.985	/	Pass
		5240	SU	/	2	18.977	/	Pass

		5260	SU	/	2	18.986	/	Pass
		5300	SU	/	2	19.039	/	Pass
		5320	SU	/	2	19.010	/	Pass
		5500	SU	/	2	19.030	/	Pass
		5580	SU	/	2	19.075	/	Pass
		5700	SU	/	2	19.081	/	Pass
		5745	SU	/	2	19.114	/	Pass
		5785	SU	/	2	19.115	/	Pass
		5825	SU	/	2	19.271	/	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	2	37.827	/	Pass
		5230	SU	/	2	37.787	/	Pass
		5270	SU	/	2	37.805	/	Pass
		5310	SU	/	2	37.814	/	Pass
		5510	SU	/	2	37.825	/	Pass
		5550	SU	/	2	37.747	/	Pass
		5670	SU	/	2	37.780	/	Pass
		5755	SU	/	2	37.786	/	Pass
802.11ax (HEW80)	MIMO	5795	SU	/	2	37.748	/	Pass
		5210	SU	/	2	77.324	/	Pass
		5290	SU	/	2	77.349	/	Pass
		5530	SU	/	2	77.313	/	Pass
		5610	SU	/	2	77.250	/	Pass
		5775	SU	/	2	77.290	/	Pass

2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	2	29.997	/	Pass
		5200	/	/	2	29.477	/	Pass
		5240	/	/	2	35.418	/	Pass
		5260	/	/	2	36.281	/	Pass
		5300	/	/	2	28.840	/	Pass
		5320	/	/	2	29.018	/	Pass
		5500	/	/	2	22.918	/	Pass
		5580	/	/	2	22.766	/	Pass
		5700	/	/	2	33.037	/	Pass
802.11n (HT20)	MIMO	5180	/	/	2	25.157	/	Pass
		5200	/	/	2	25.665	/	Pass
		5240	/	/	2	27.969	/	Pass
		5260	/	/	2	35.823	/	Pass
		5300	/	/	2	27.048	/	Pass
		5320	/	/	2	25.942	/	Pass
		5500	/	/	2	29.797	/	Pass
		5580	/	/	2	41.803	/	Pass
		5700	/	/	2	29.960	/	Pass
802.11n (HT40)	MIMO	5190	/	/	2	68.824	/	Pass
		5230	/	/	2	83.590	/	Pass
		5270	/	/	2	77.207	/	Pass
		5310	/	/	2	69.618	/	Pass

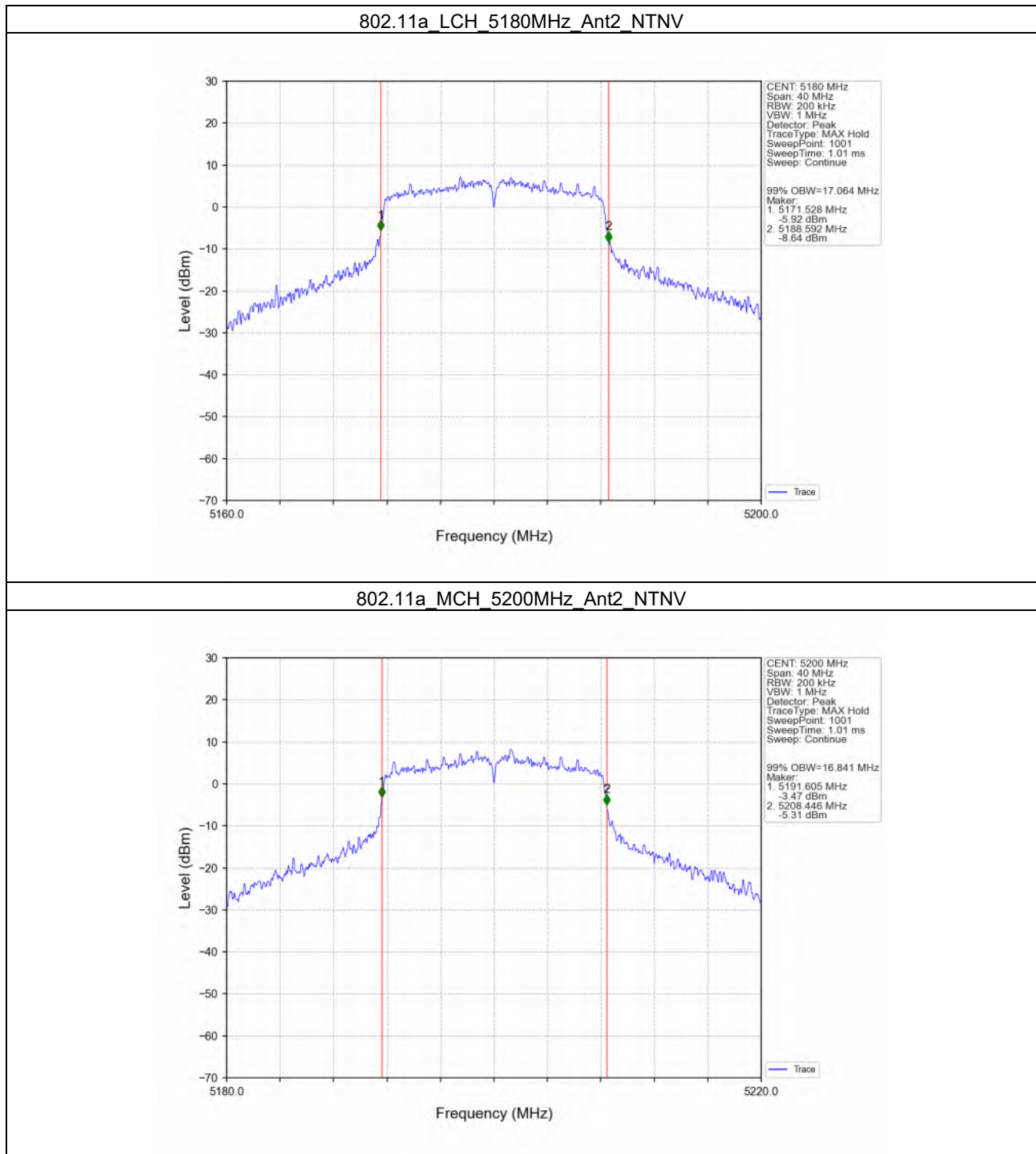
		5510	/	/	2	84.550	/	Pass
		5550	/	/	2	85.051	/	Pass
		5670	/	/	2	90.515	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	2	130.616	/	Pass
		5290	/	/	2	116.679	/	Pass
		5530	/	/	2	132.952	/	Pass
		5610	/	/	2	169.423	/	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	2	24.111	/	Pass
		5200	SU	/	2	23.471	/	Pass
		5240	SU	/	2	24.653	/	Pass
		5260	SU	/	2	23.810	/	Pass
		5300	SU	/	2	24.191	/	Pass
		5320	SU	/	2	26.439	/	Pass
		5500	SU	/	2	25.019	/	Pass
		5580	SU	/	2	27.901	/	Pass
802.11ax (HEW40)	MIMO	5700	SU	/	2	32.052	/	Pass
		5190	SU	/	2	41.724	/	Pass
		5230	SU	/	2	39.932	/	Pass
		5270	SU	/	2	44.396	/	Pass
		5310	SU	/	2	39.801	/	Pass
		5510	SU	/	2	39.895	/	Pass
		5550	SU	/	2	39.862	/	Pass
802.11ax (HEW80)	MIMO	5670	SU	/	2	39.865	/	Pass
		5210	SU	/	2	80.922	/	Pass
		5290	SU	/	2	80.764	/	Pass
		5530	SU	/	2	80.837	/	Pass
		5610	SU	/	2	80.681	/	Pass

2.1.3 6dB BW

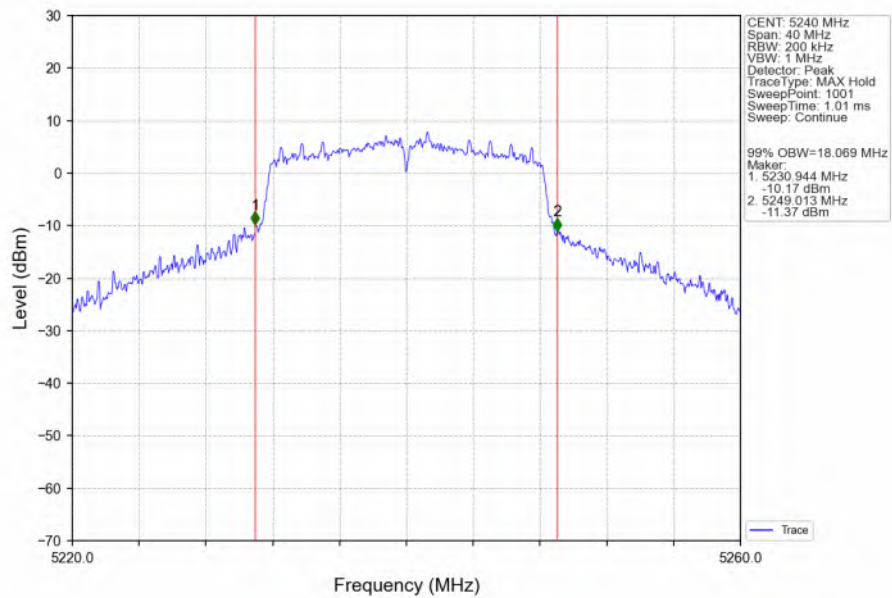
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	2	15.922	>=0.5	Pass
		5785	/	/	2	15.150	>=0.5	Pass
		5825	/	/	2	15.139	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	2	15.183	>=0.5	Pass
		5785	/	/	2	15.999	>=0.5	Pass
		5825	/	/	2	15.171	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	2	35.807	>=0.5	Pass
		5795	/	/	2	35.376	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	2	75.218	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	SU	/	2	18.682	>=0.5	Pass
		5785	SU	/	2	18.934	>=0.5	Pass
		5825	SU	/	2	18.938	>=0.5	Pass
802.11ax (HEW40)	MIMO	5755	SU	/	2	37.880	>=0.5	Pass
		5795	SU	/	2	37.701	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	SU	/	2	76.735	>=0.5	Pass

2.2 Test Graph

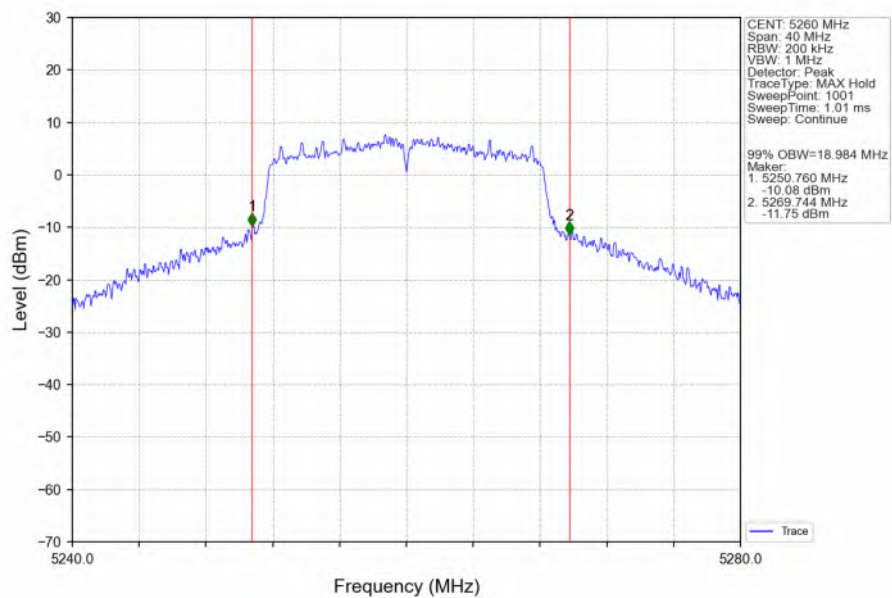
2.2.1 OBW



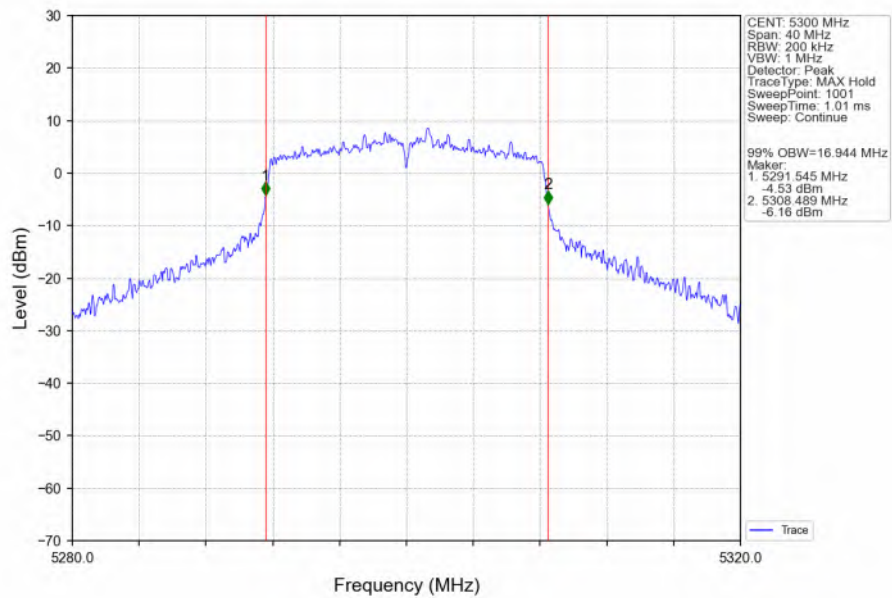
802.11a_HCH_5240MHz_Ant2_NTNV



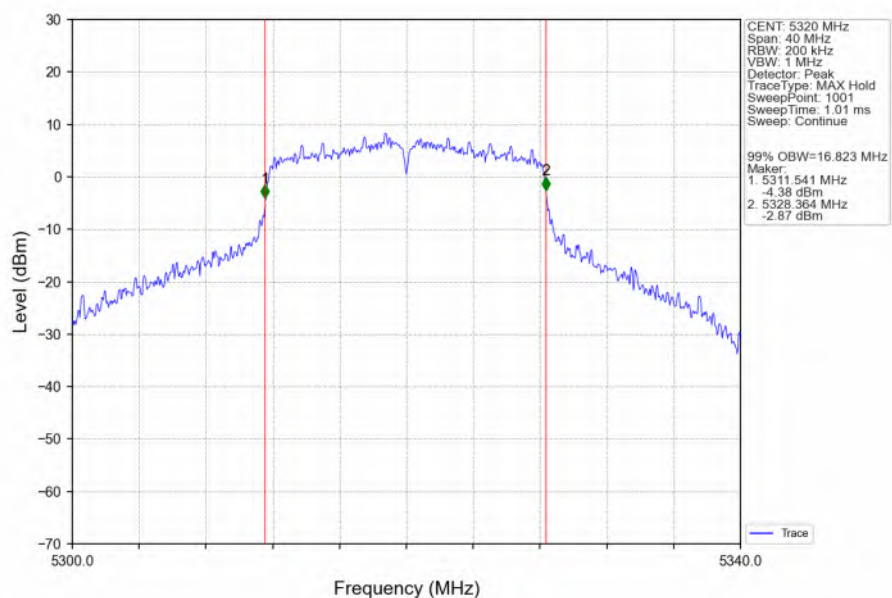
802.11a_LCH_5260MHz_Ant2_NTNV



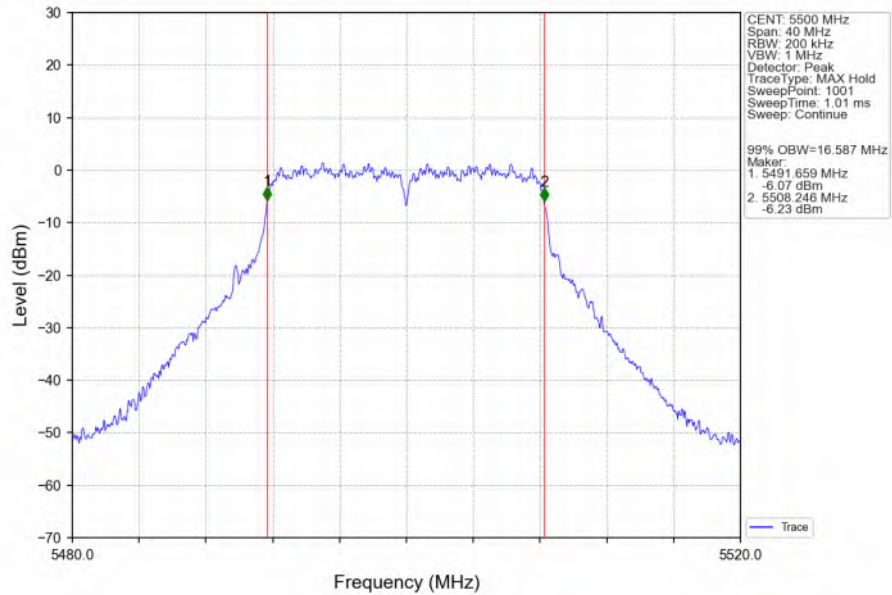
802.11a_MCH_5300MHz_Ant2_NTNV



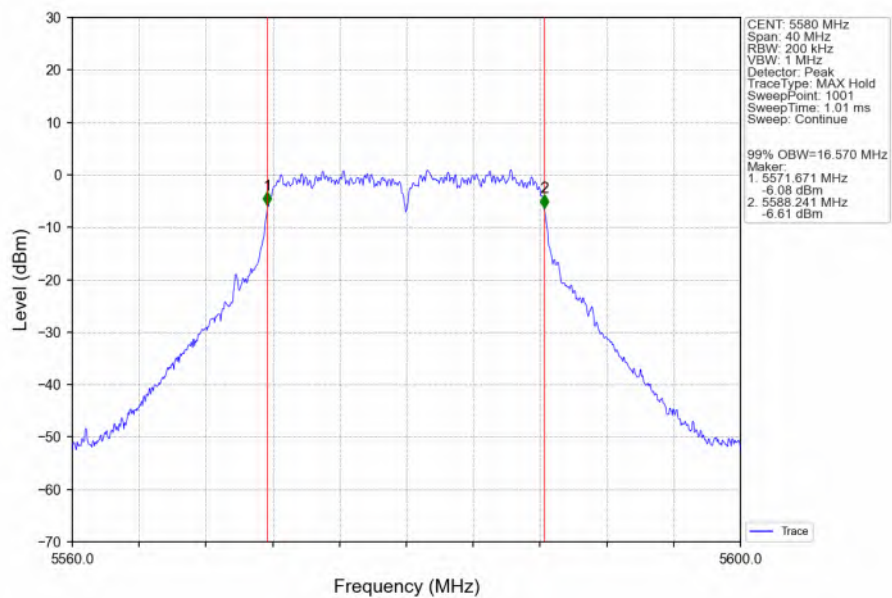
802.11a_HCH_5320MHz_Ant2_NTNV



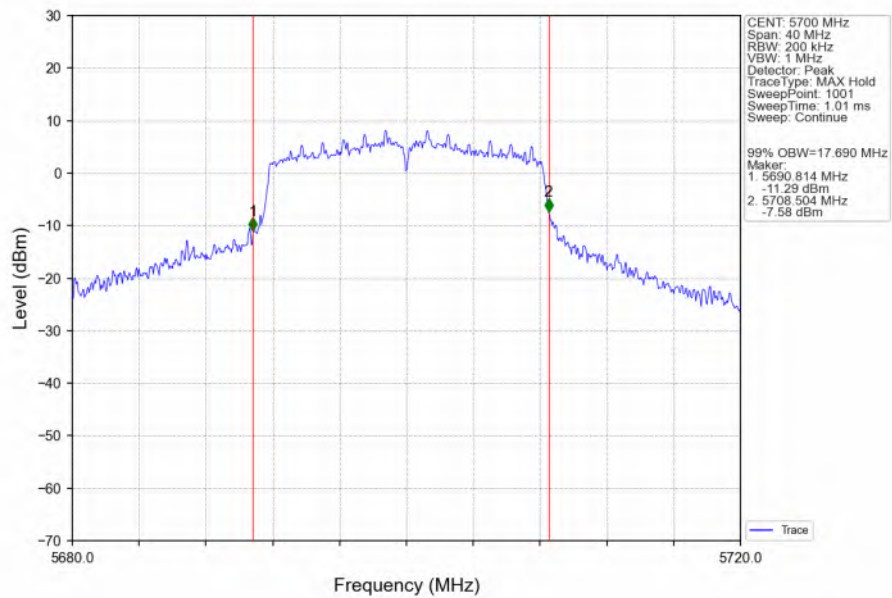
802.11a_LCH_5500MHz_Ant2_NTNV



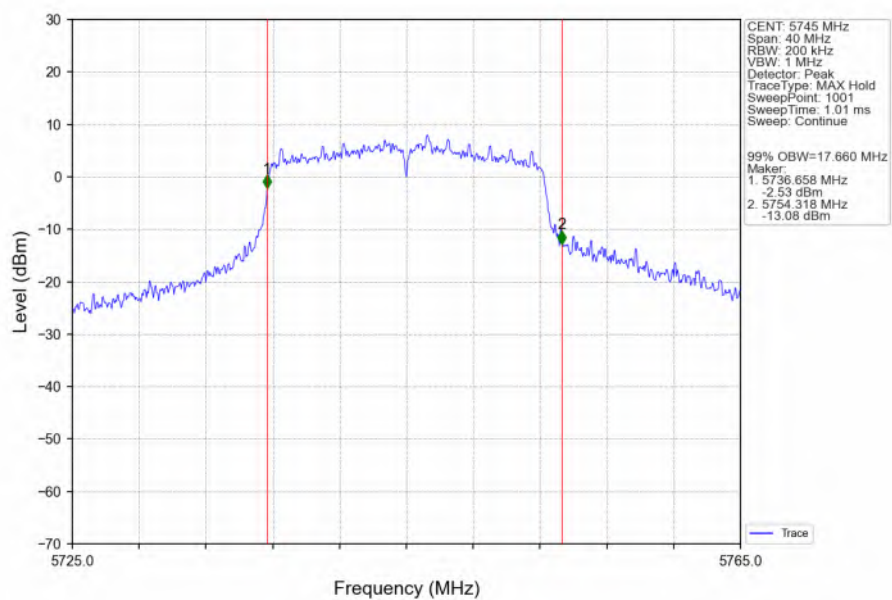
802.11a_MCH_5580MHz_Ant2_NTNV



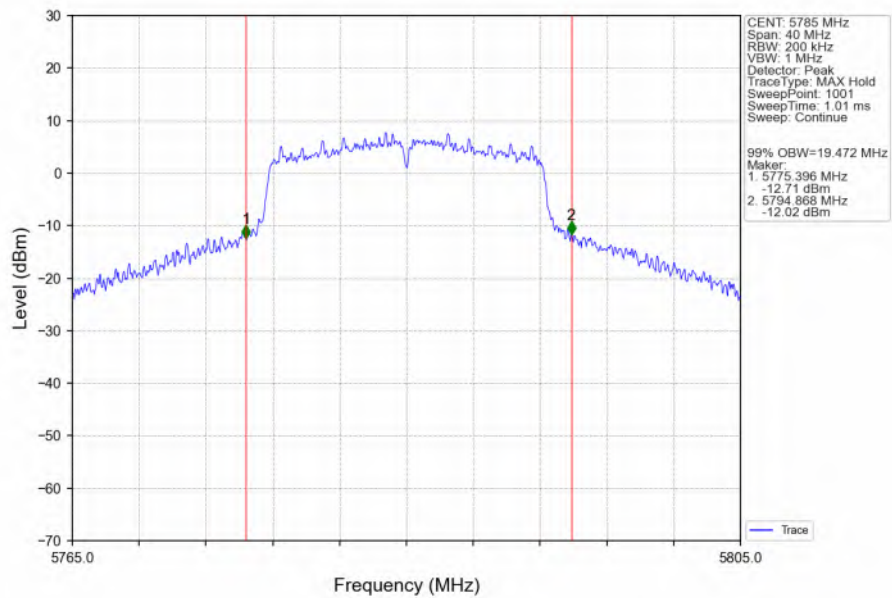
802.11a_HCH_5700MHz_Ant2_NTNV



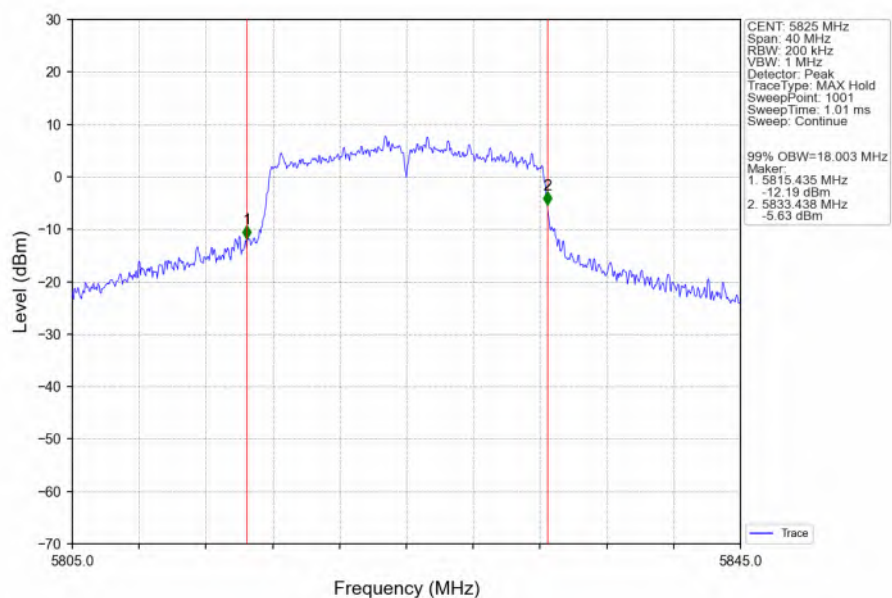
802.11a_LCH_5745MHz_Ant2_NTNV



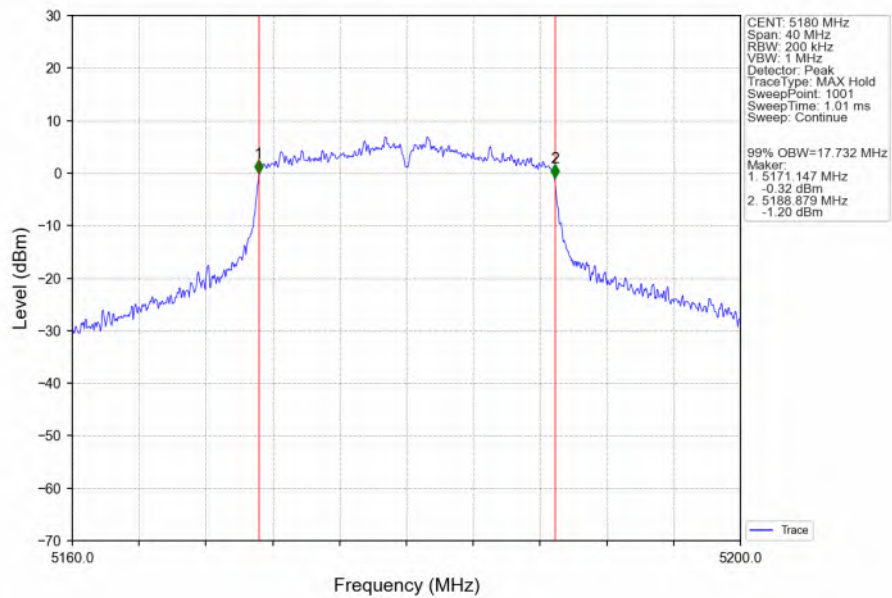
802.11a_MCH_5785MHz_Ant2_NTNV



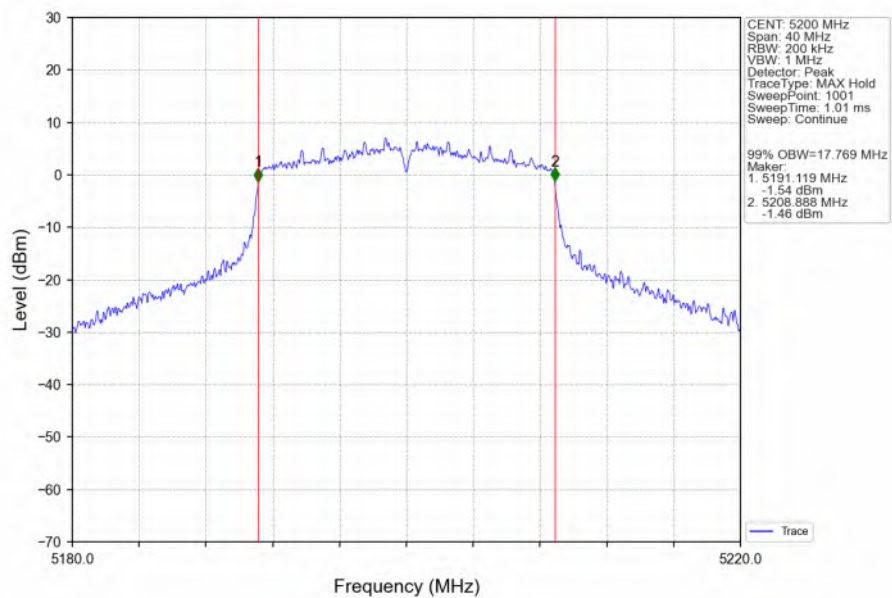
802.11a_HCH_5825MHz_Ant2_NTNV



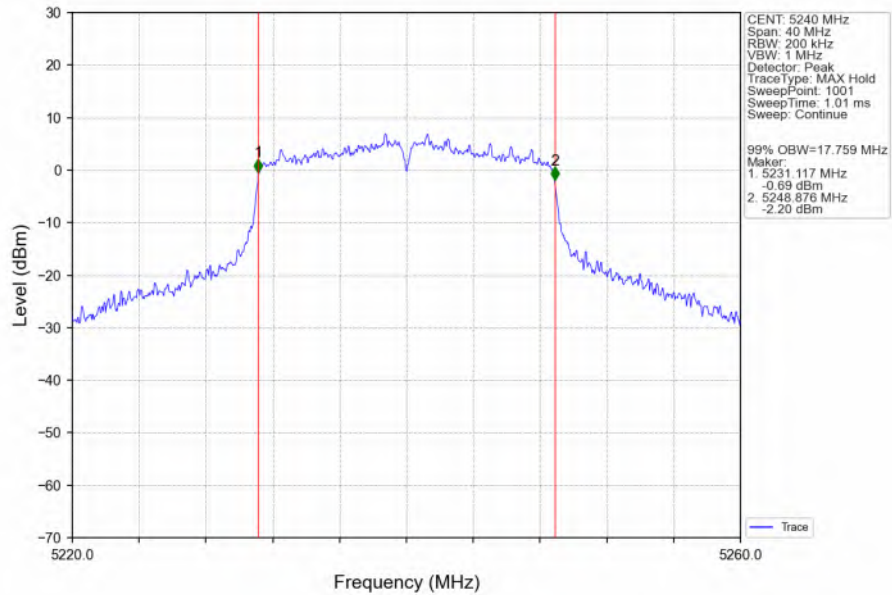
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



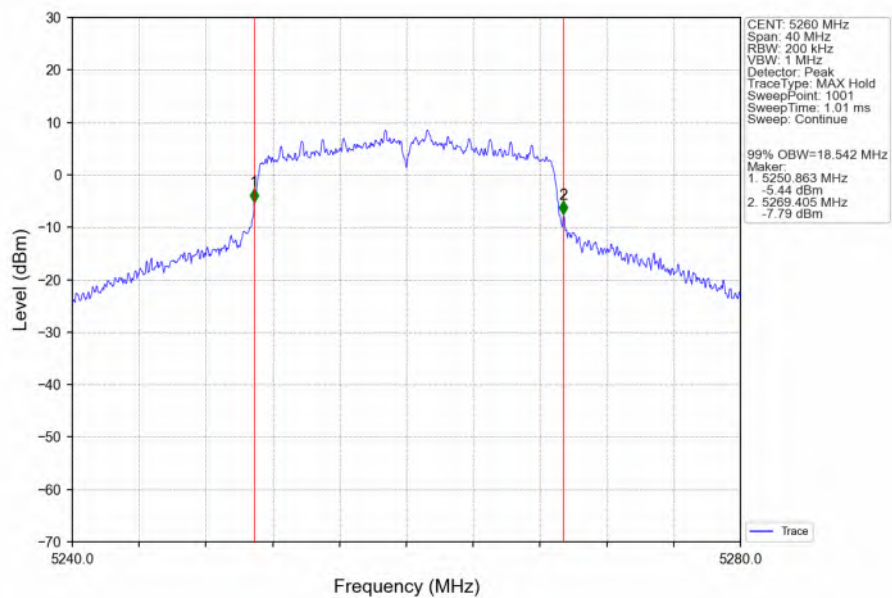
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



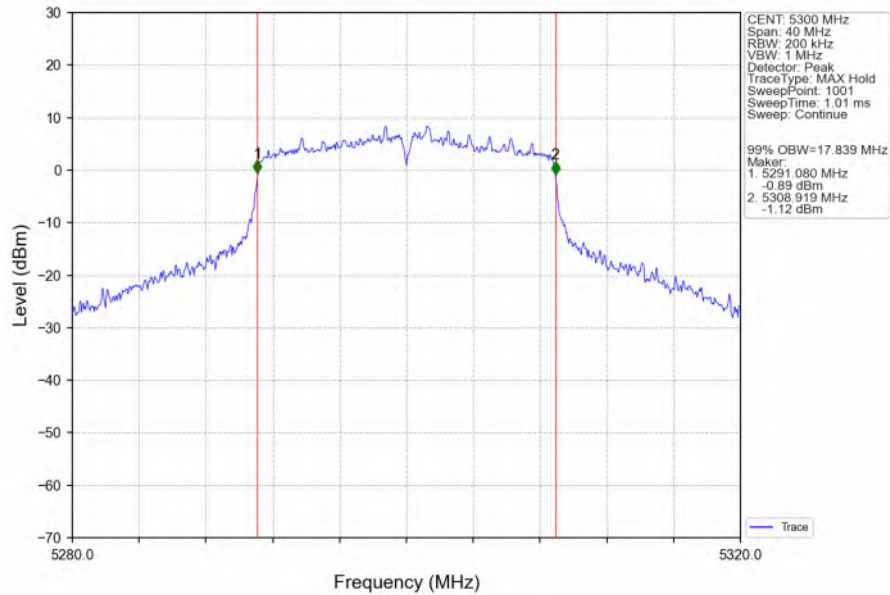
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



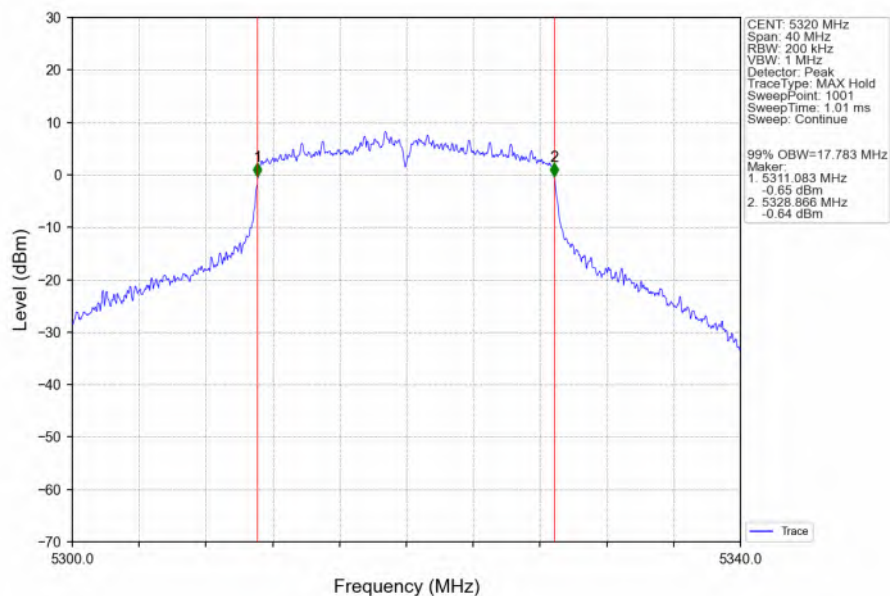
802.11n(HT20)_LCH_5260MHz_Ant2_NTNV



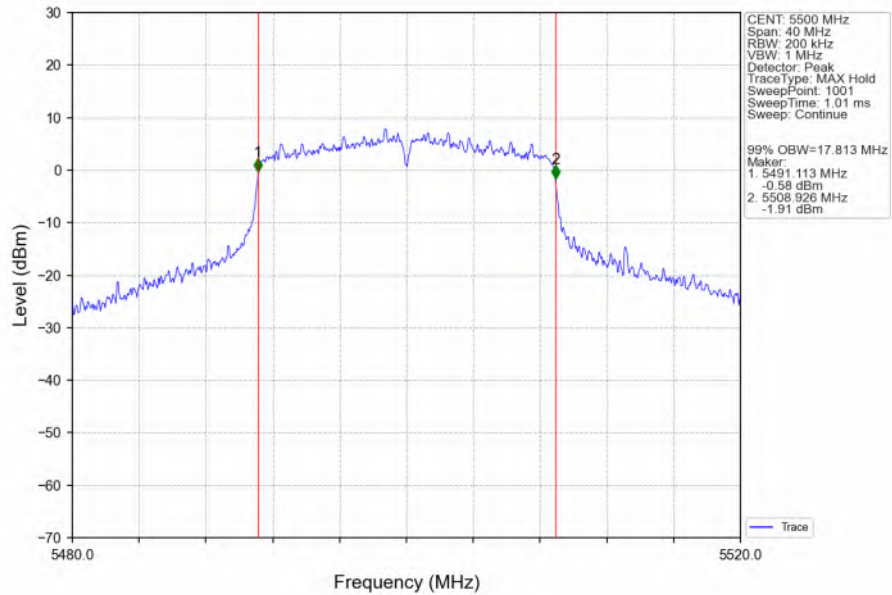
802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



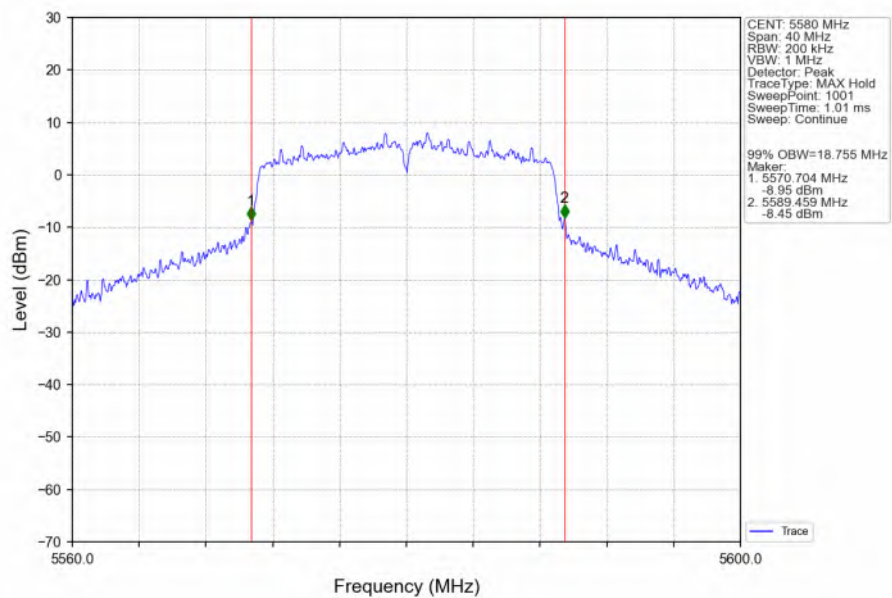
802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



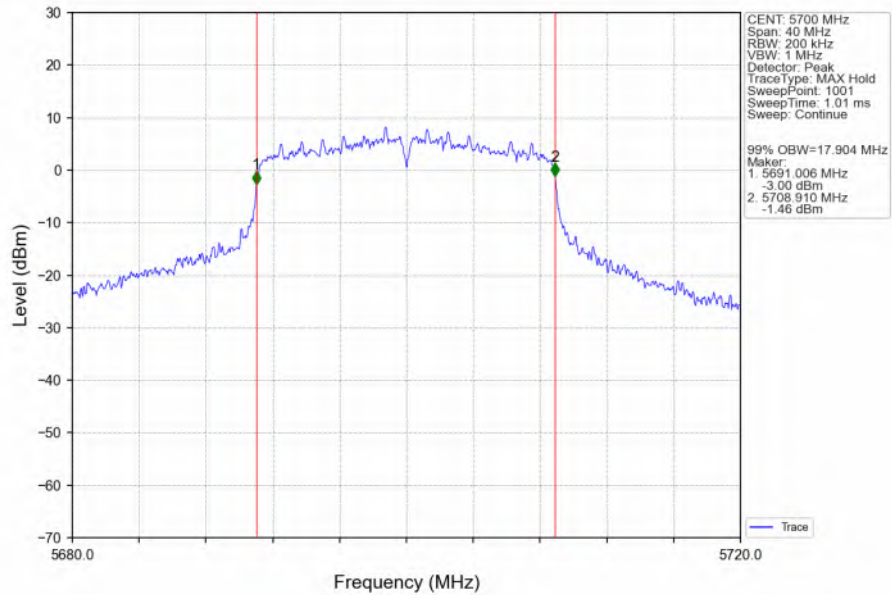
802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



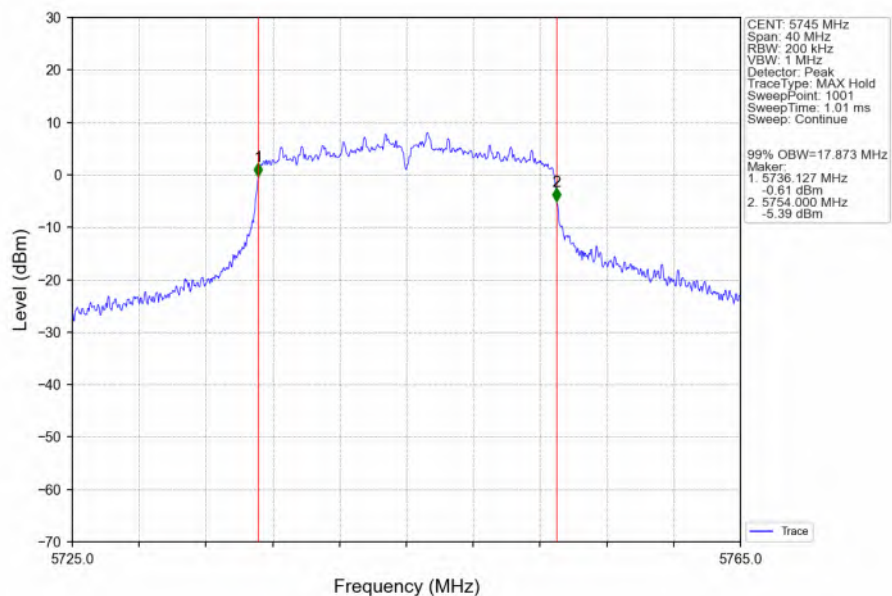
802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



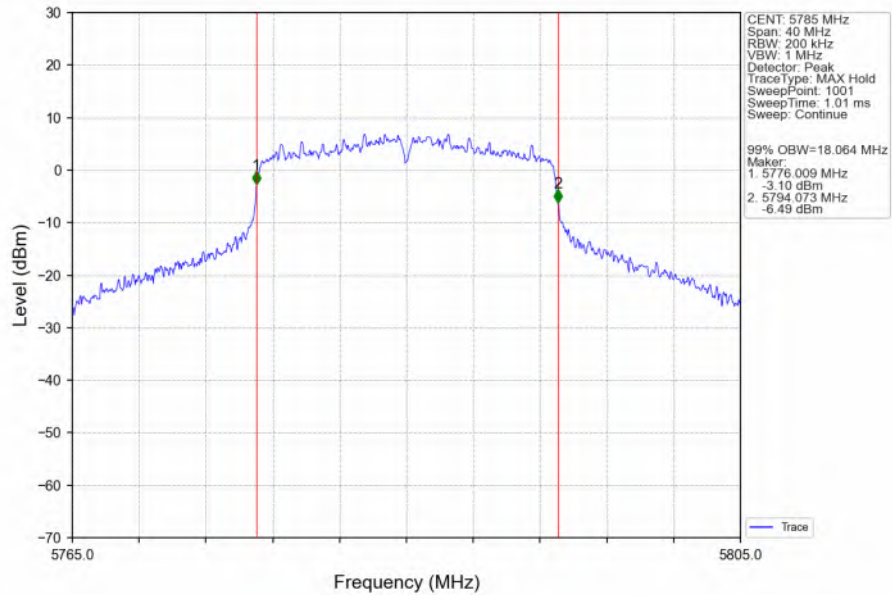
802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



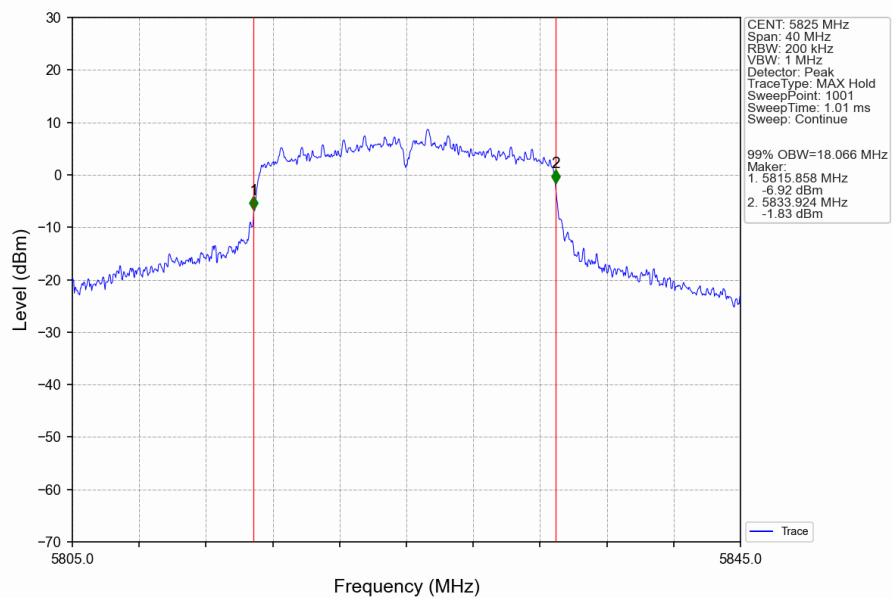
802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



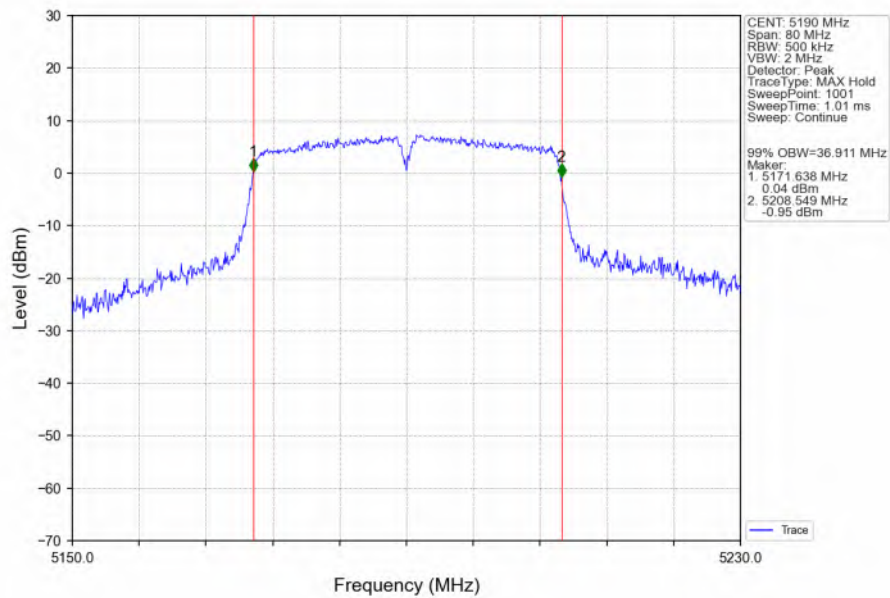
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



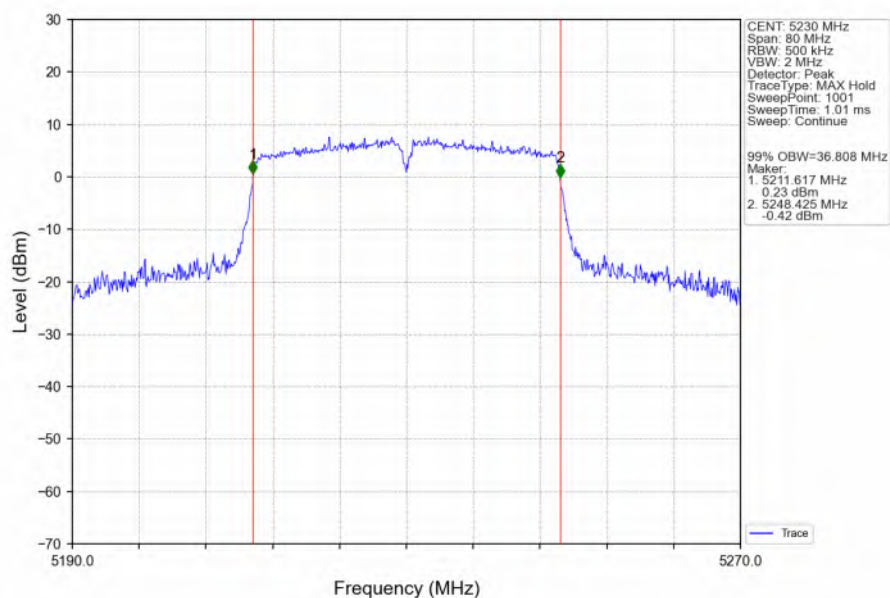
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



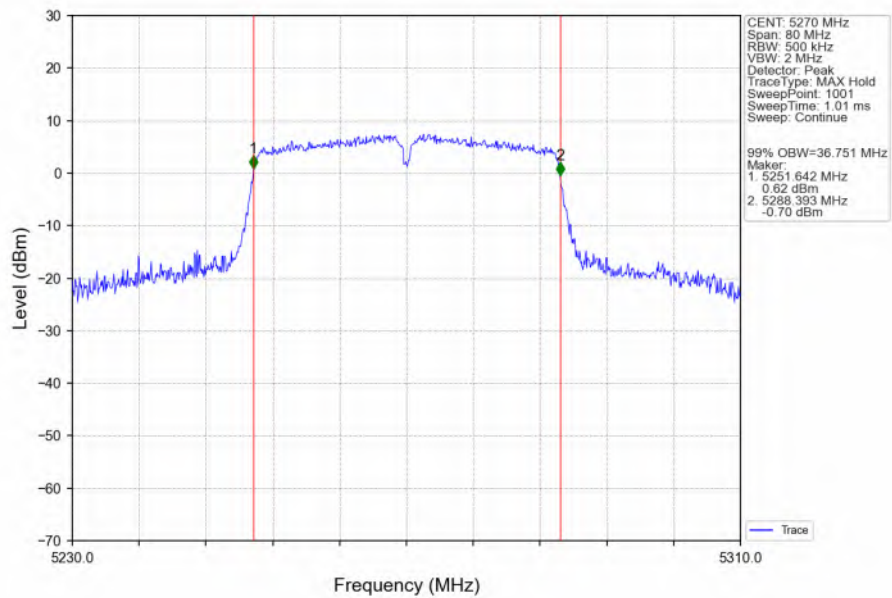
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



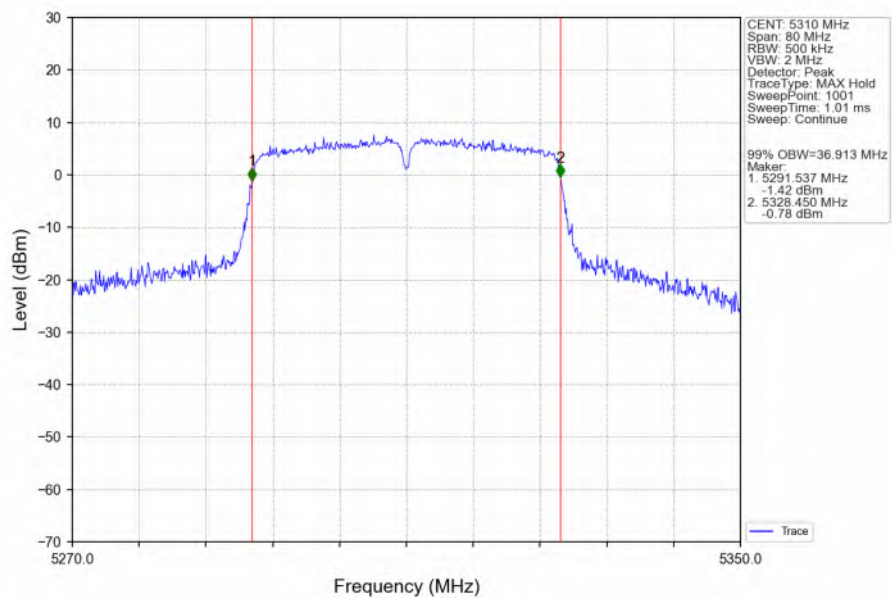
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



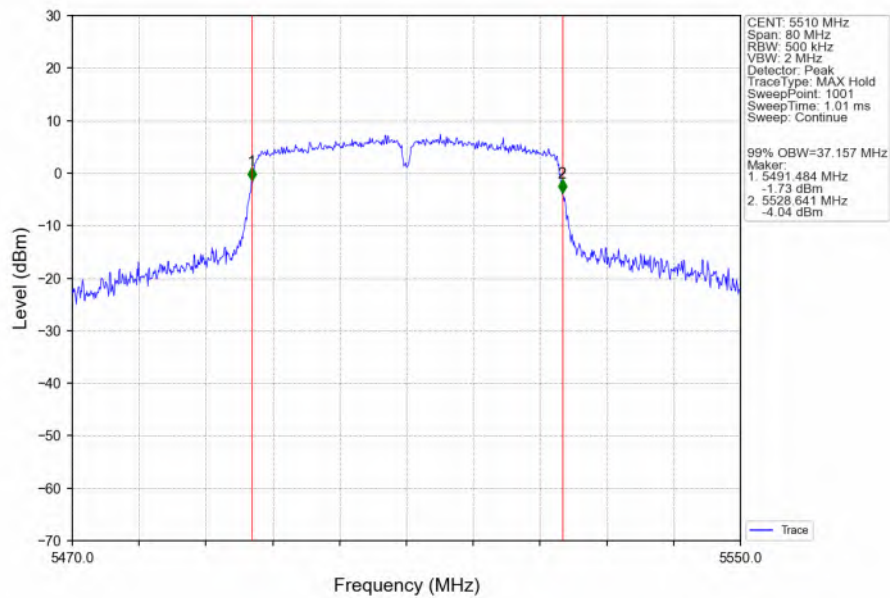
802.11n(HT40)_LCH_5270MHz_Ant2_NTNV



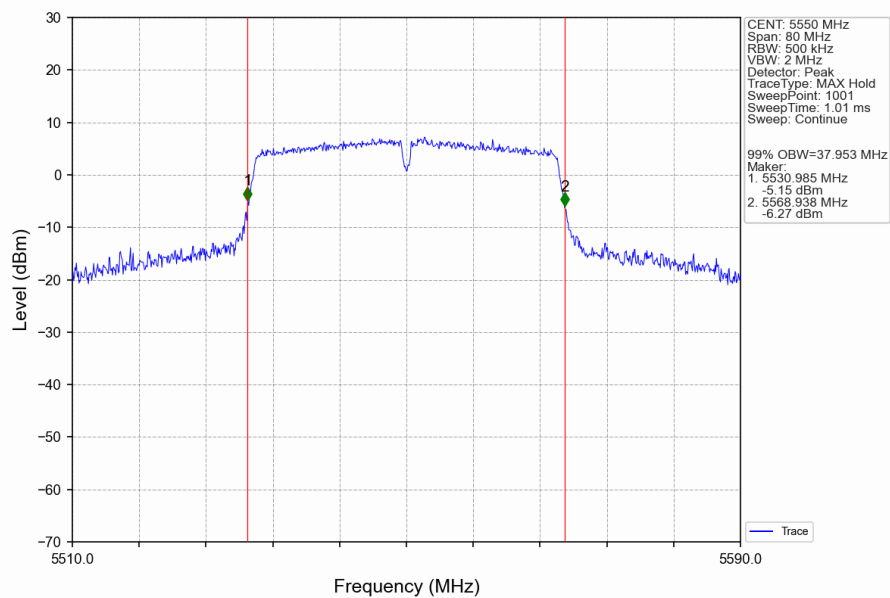
802.11n(HT40)_HCH_5310MHz_Ant2_NTNV



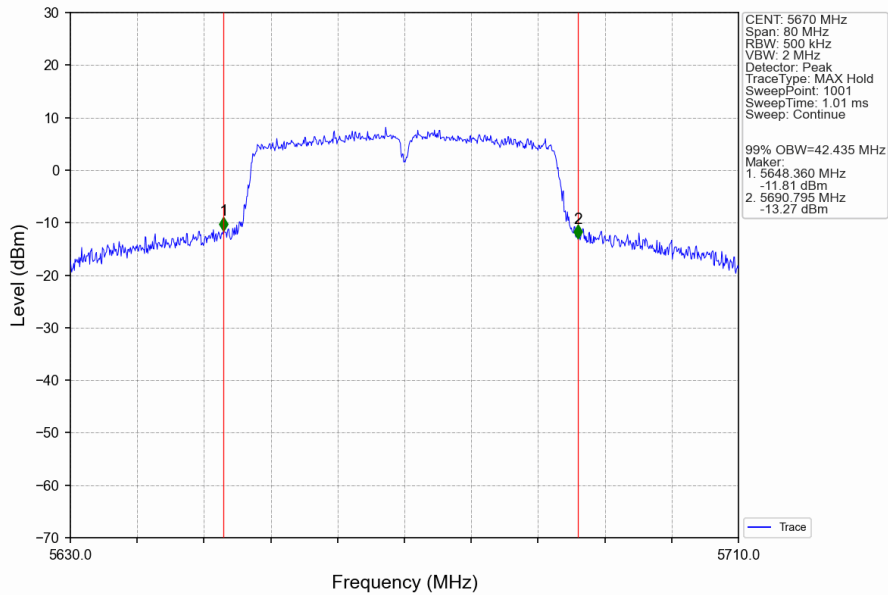
802.11n(HT40) LCH 5510MHz Ant2 NTN



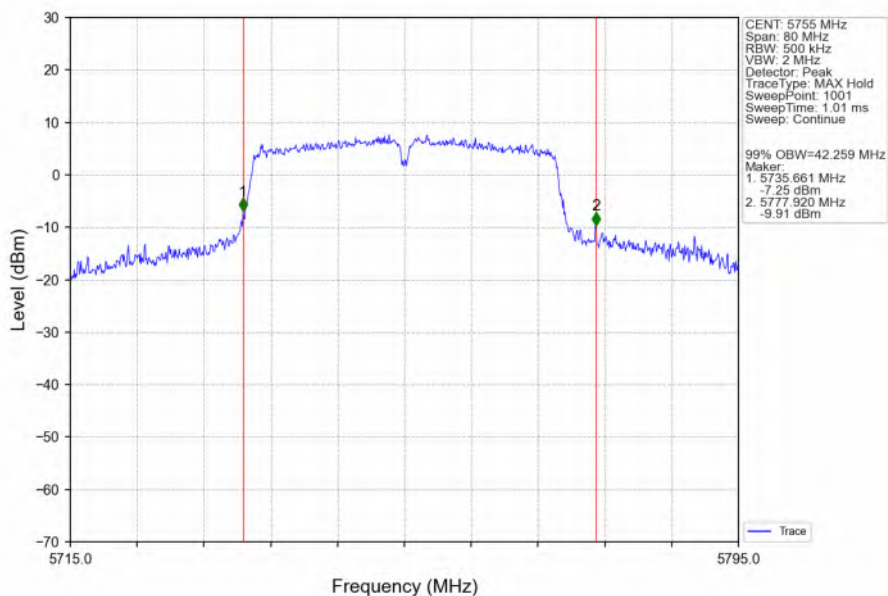
802.11n(HT40) MCH 5550MHz Ant2 NTN



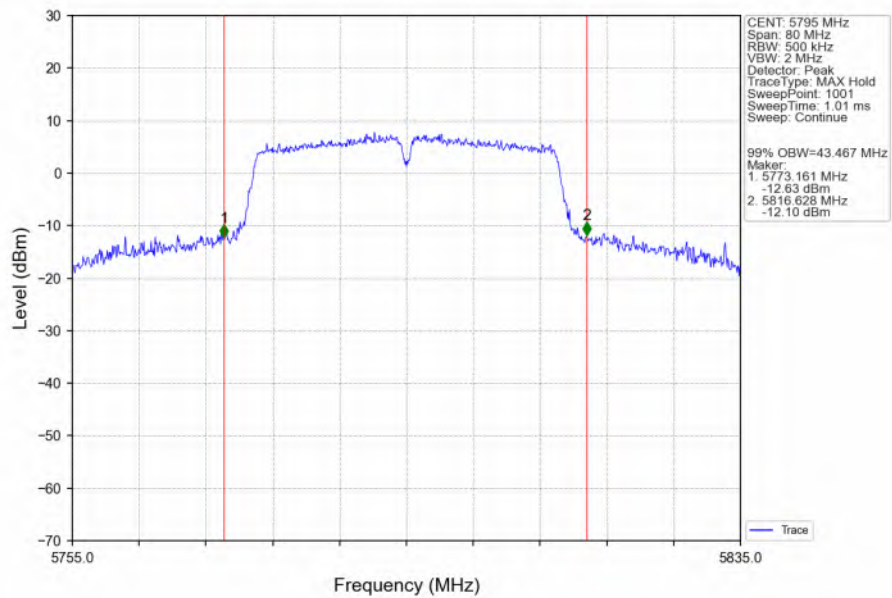
802.11n(HT40)_HCH_5670MHz_Ant2_NTNV



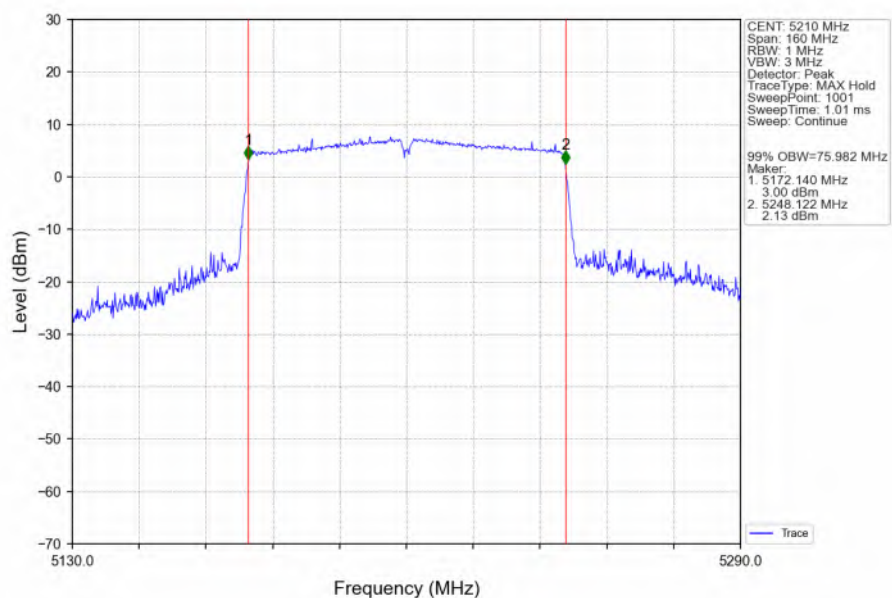
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



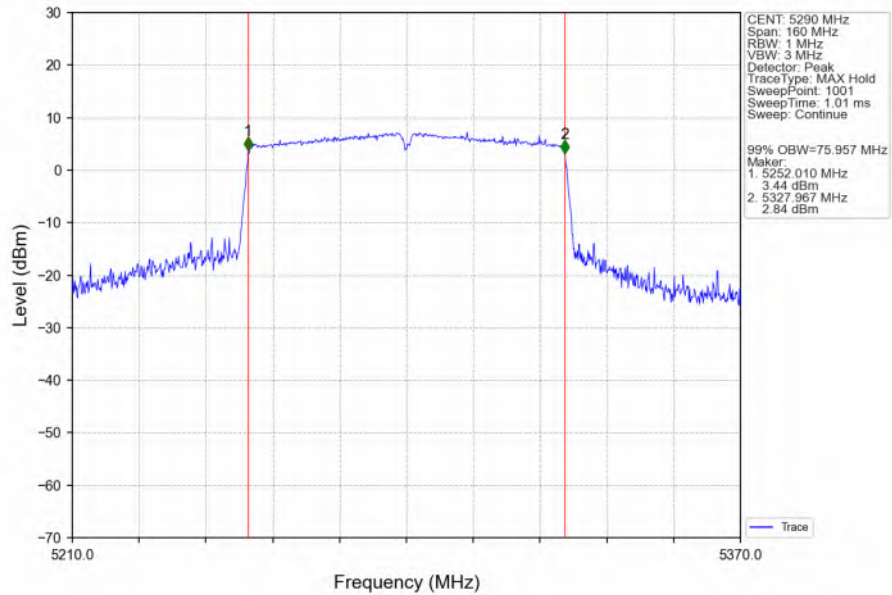
802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



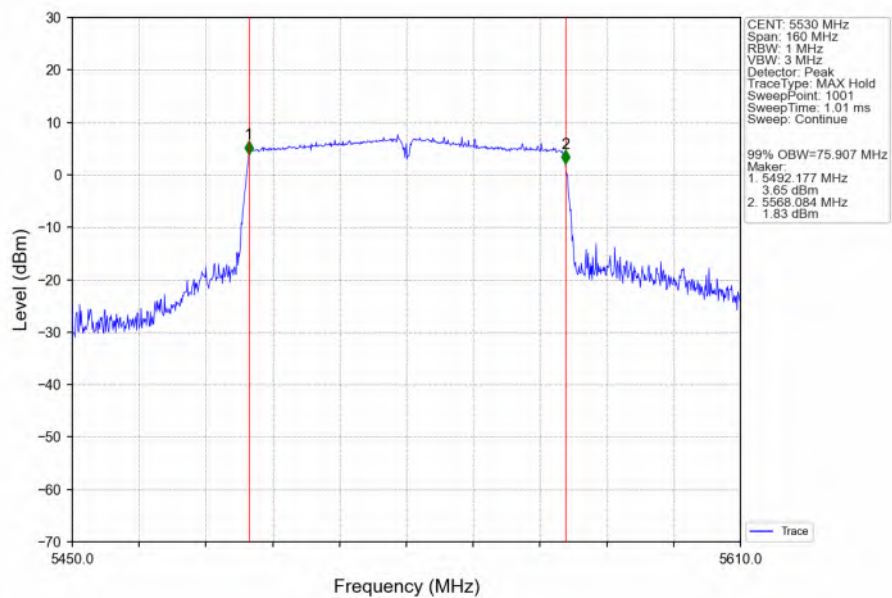
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



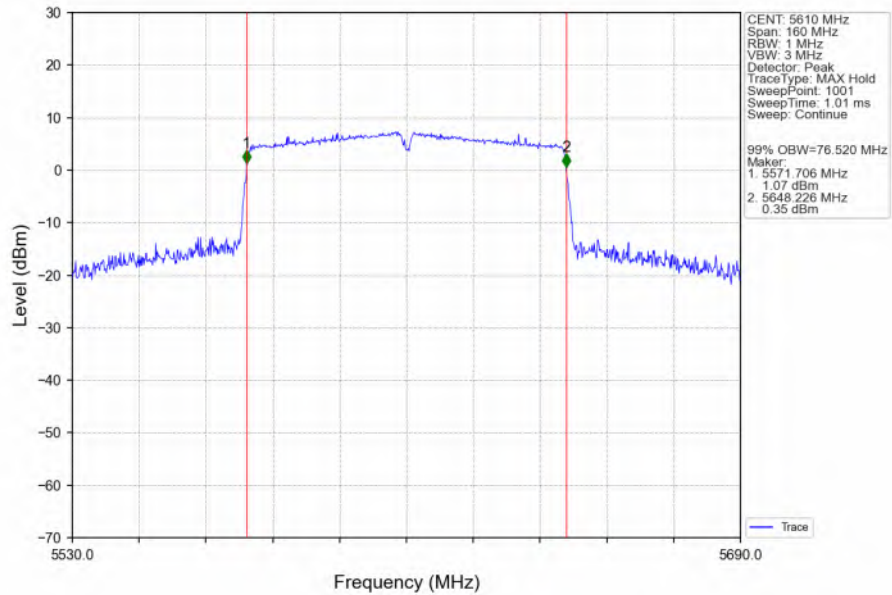
802.11ac(VHT80)_MCH_5290MHz_Ant2_NTNV



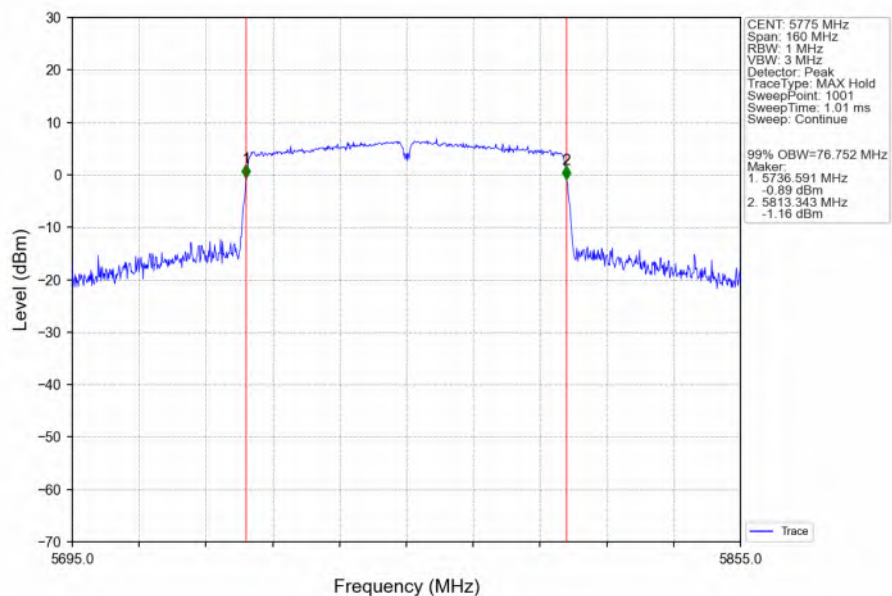
802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV



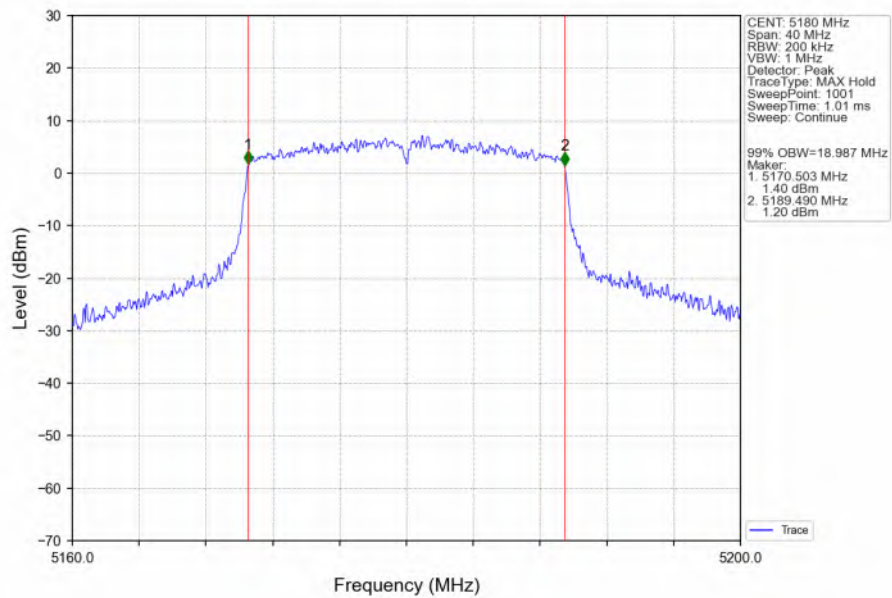
802.11ac(VHT80)_HCH_5610MHz_Ant2_NTNV



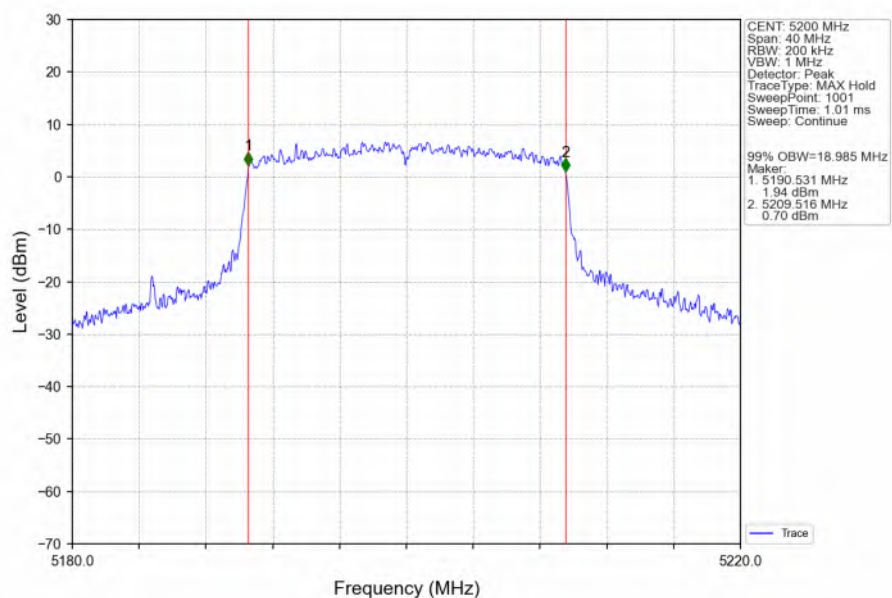
802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



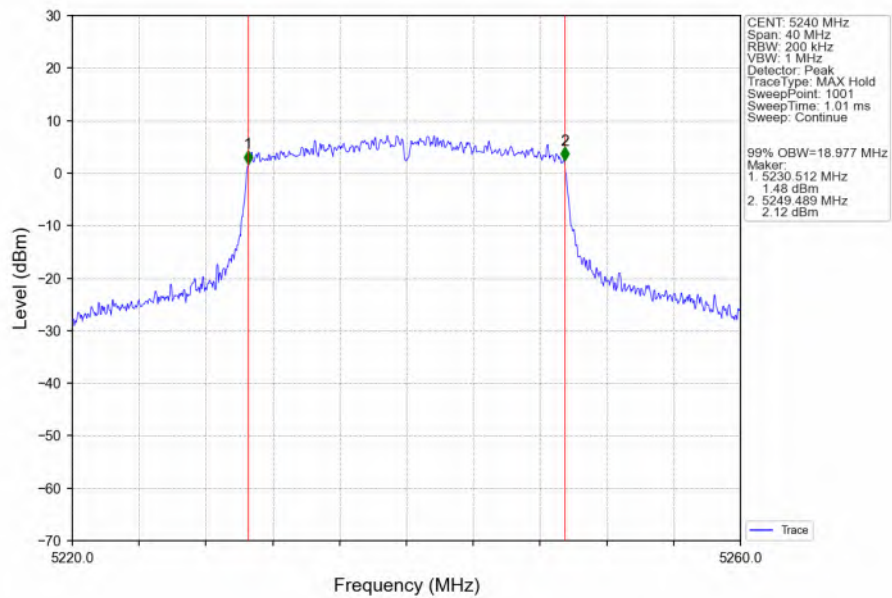
802.11ax(HEW20) LCH 5180MHz SU / Ant2 NTNV



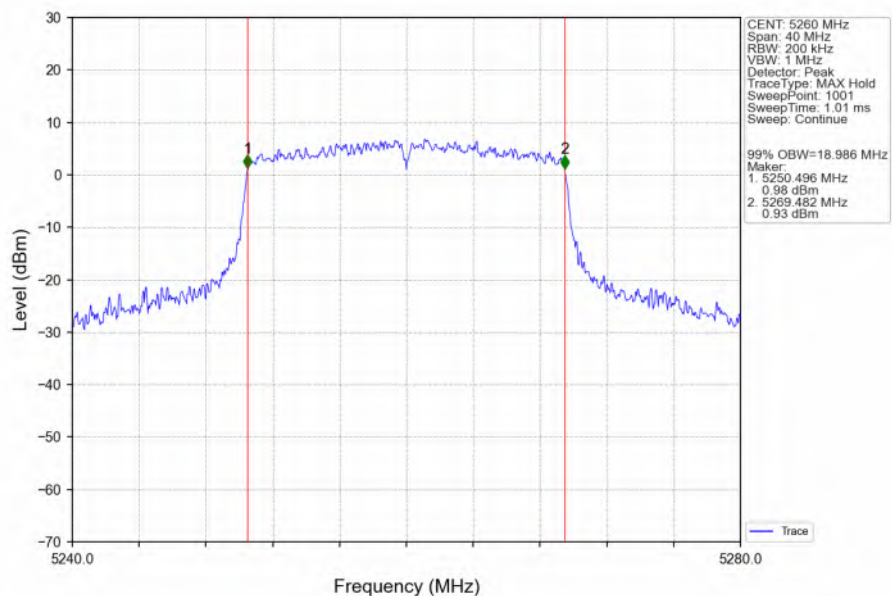
802.11ax(HEW20) MCH 5200MHz SU / Ant2 NTNV



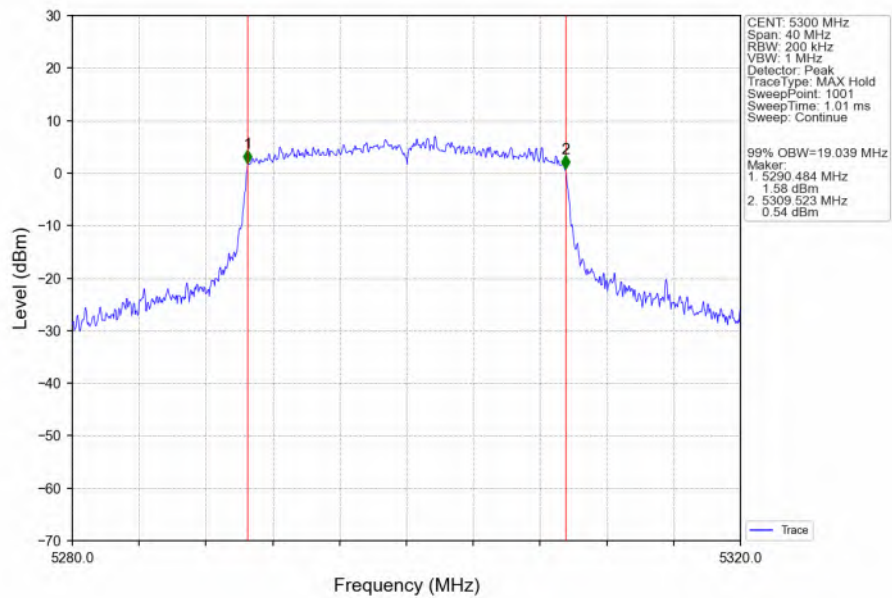
802.11ax(HEW20) HCH 5240MHz SU / Ant2 NTN



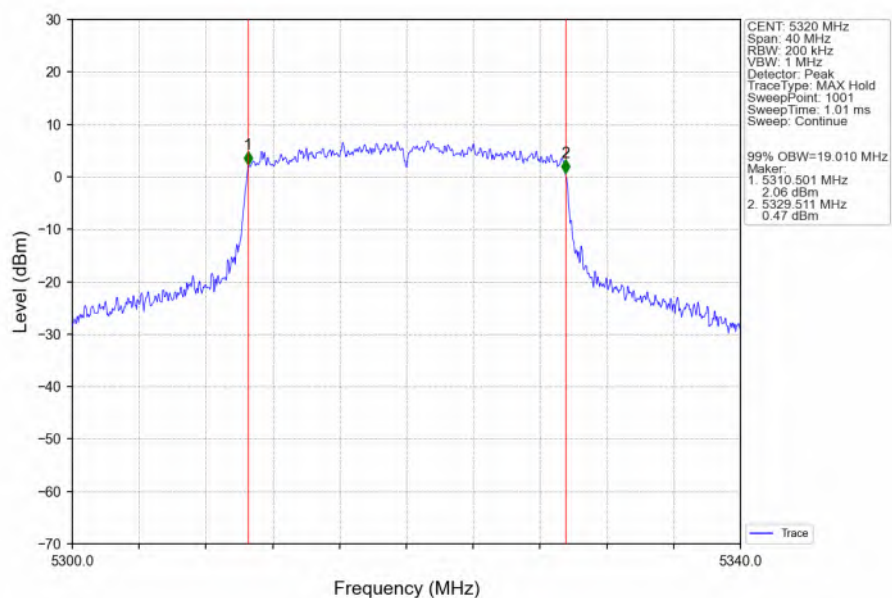
802.11ax(HEW20) LCH 5260MHz SU / Ant2 NTN



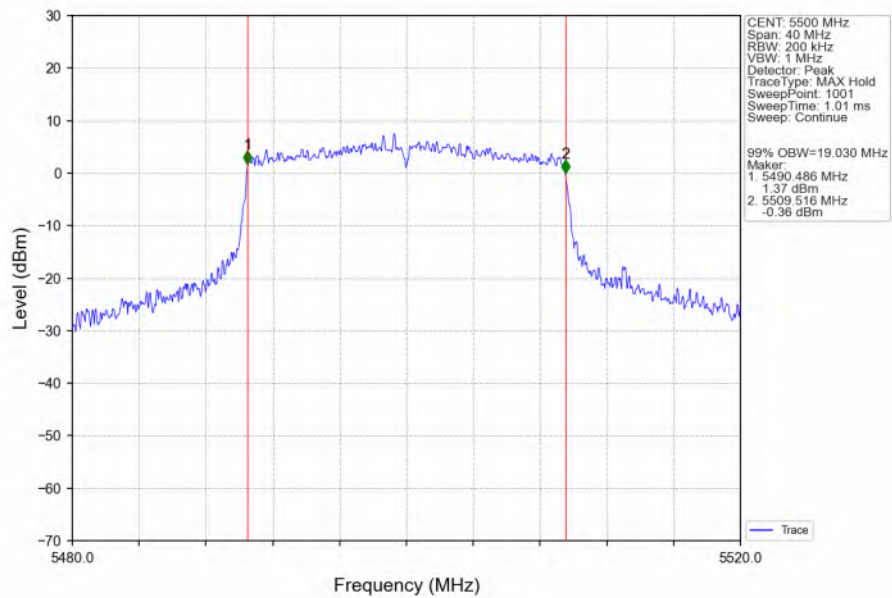
802.11ax(HEW20) MCH 5300MHz SU / Ant2 NTN



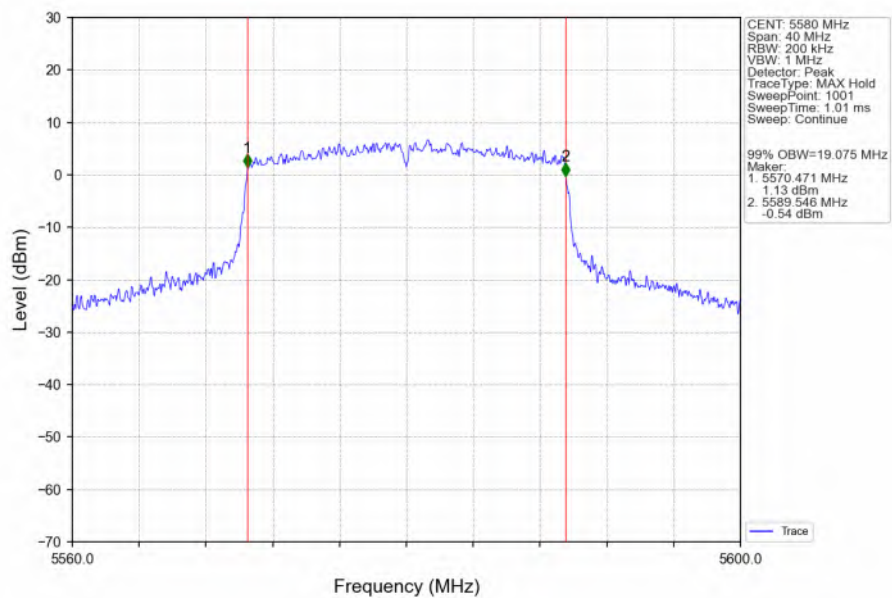
802.11ax(HEW20) HCH 5320MHz SU / Ant2 NTN



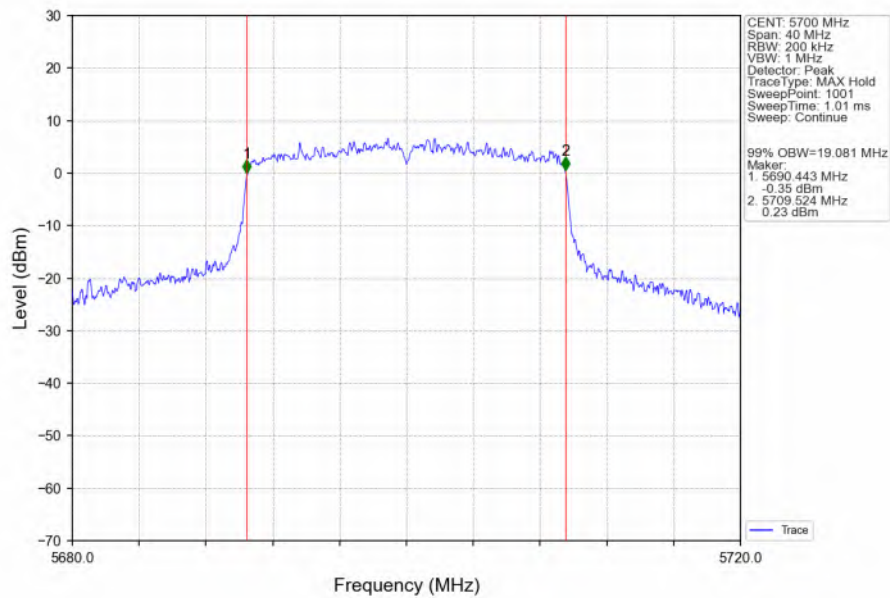
802.11ax(HEW20)_LCH_5500MHz_SU / Ant2_NTNV



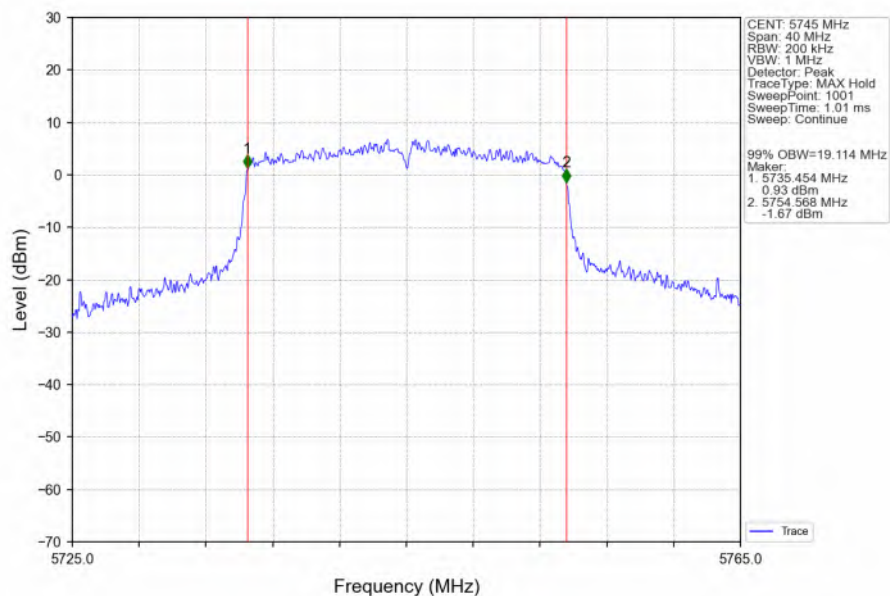
802.11ax(HEW20)_MCH_5580MHz_SU / Ant2_NTNV



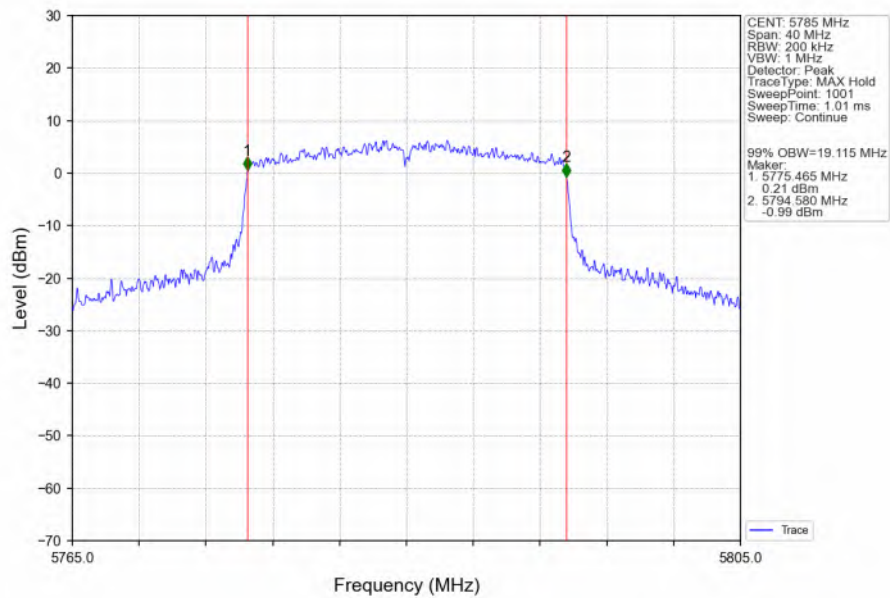
802.11ax(HEW20) HCH 5700MHz SU / Ant2 NTN



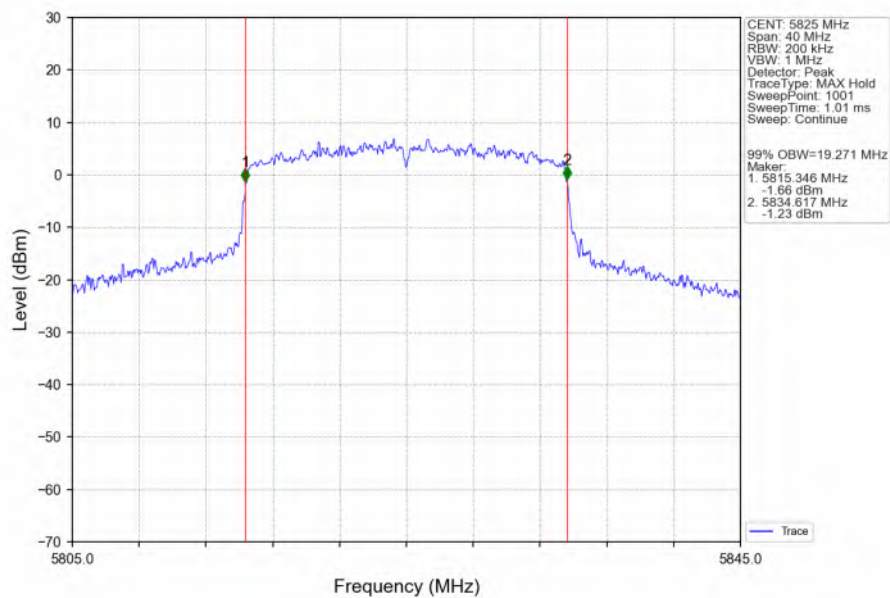
802.11ax(HEW20) LCH 5745MHz SU / Ant2 NTN



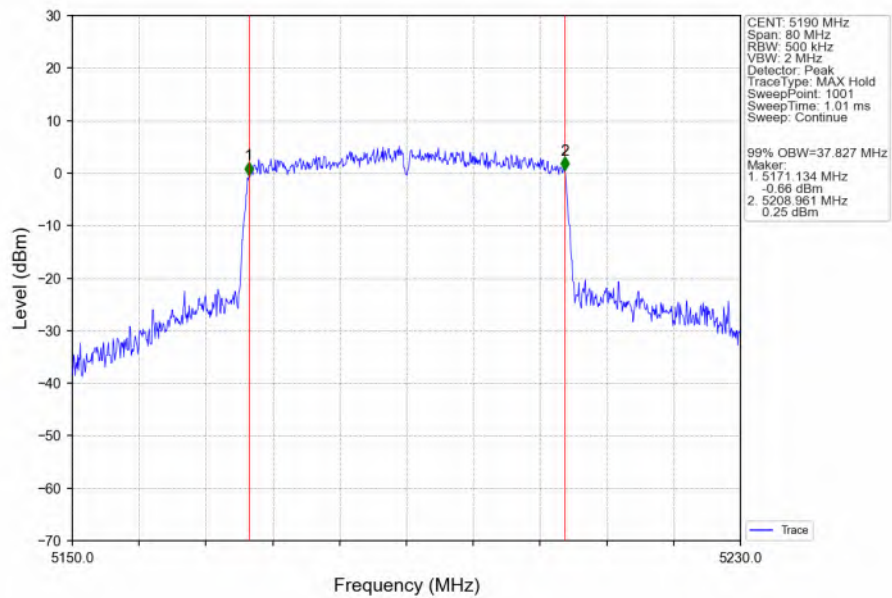
802.11ax(HEW20) MCH 5785MHz SU / Ant2 NTN



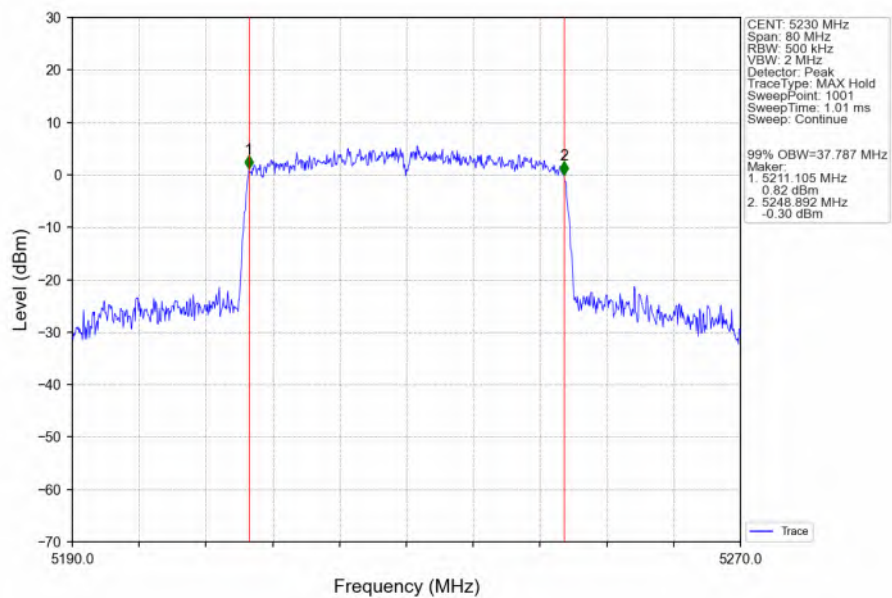
802.11ax(HEW20) HCH 5825MHz SU / Ant2 NTN



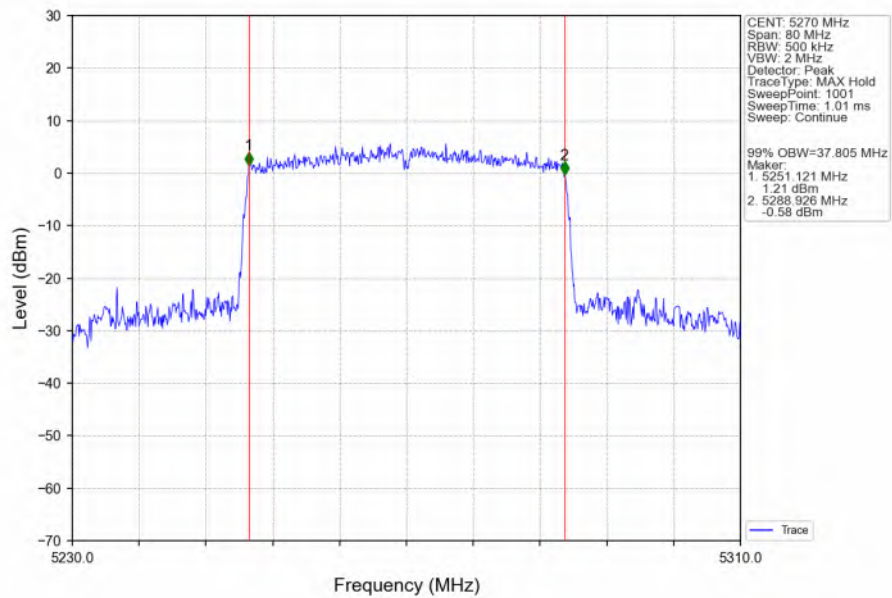
802.11ax(HEW40) LCH 5190MHz SU / Ant2 NTNV



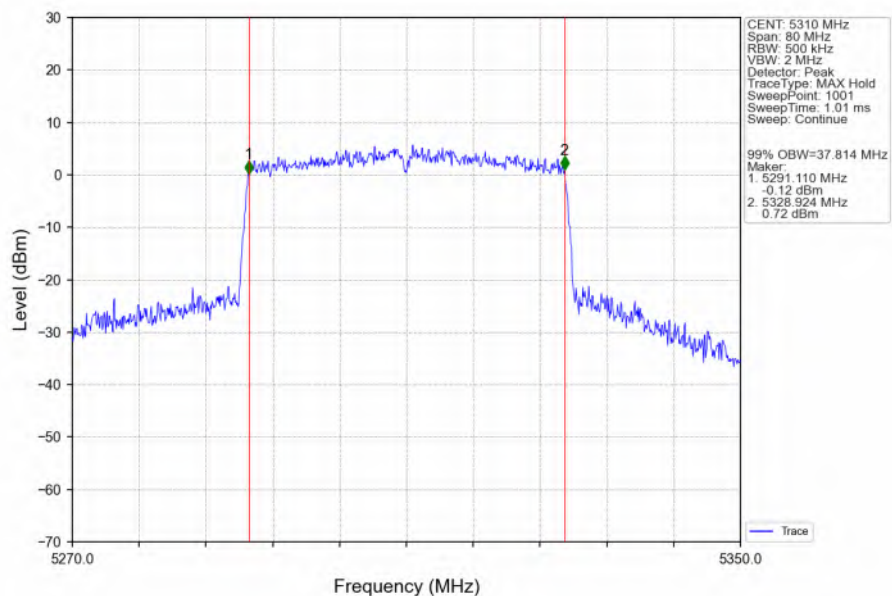
802.11ax(HEW40) HCH 5230MHz SU / Ant2 NTNV



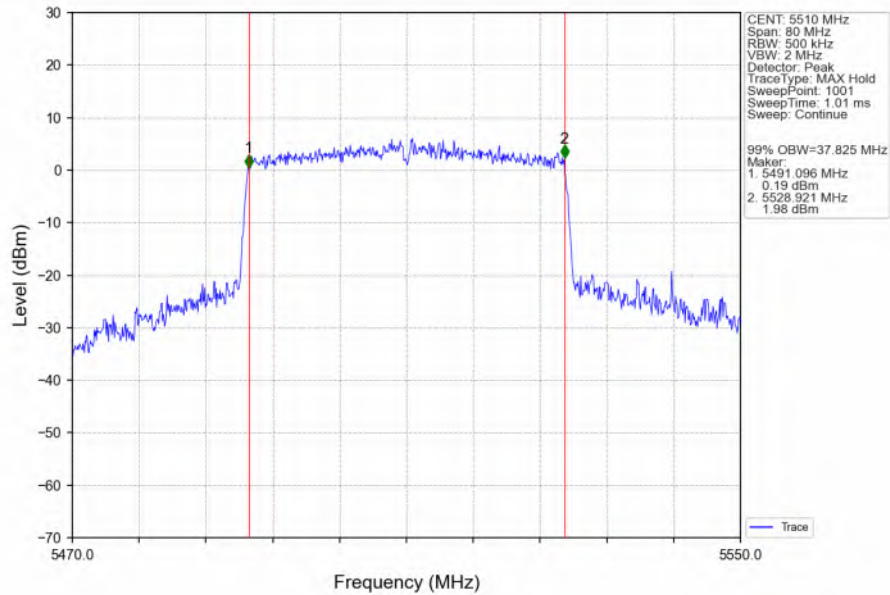
802.11ax(HEW40) LCH 5270MHz SU / Ant2 NTNV



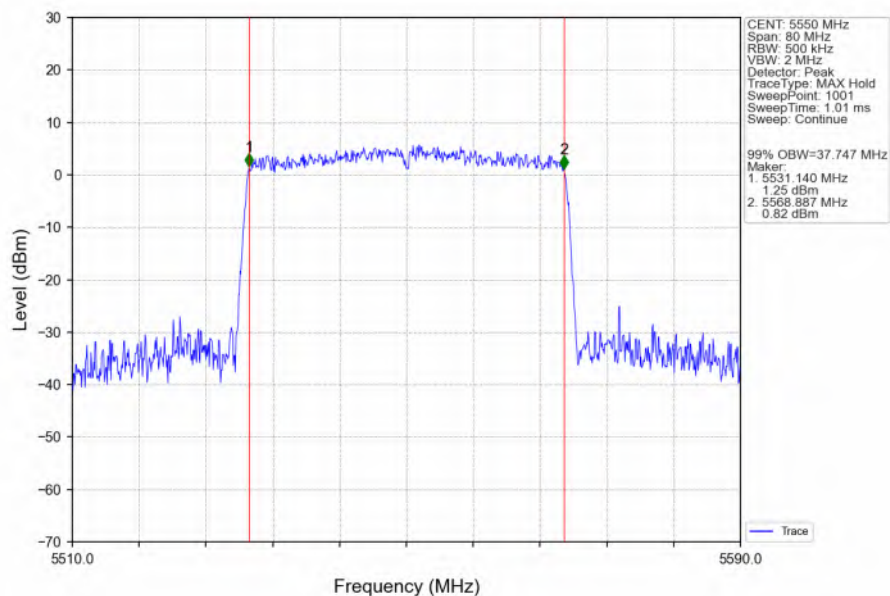
802.11ax(HEW40) HCH 5310MHz SU / Ant2 NTNV



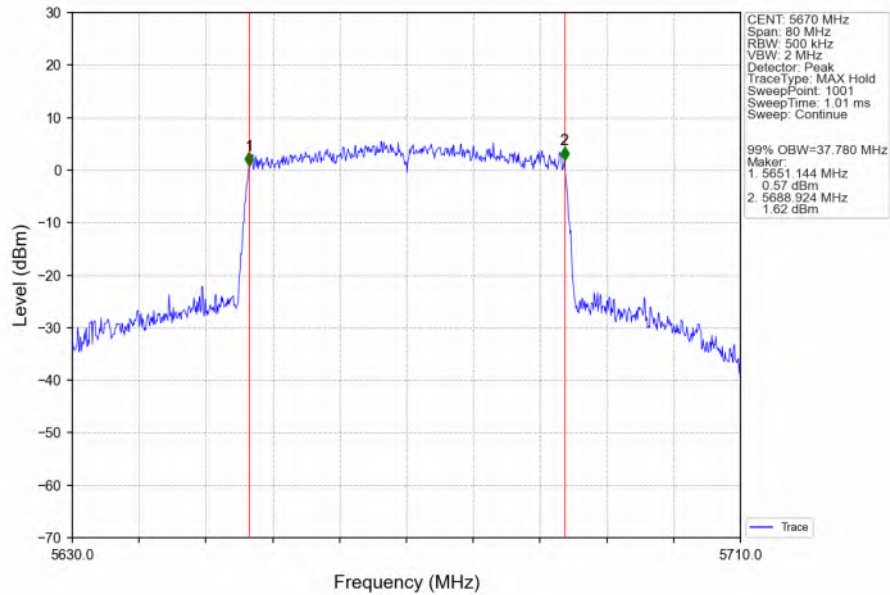
802.11ax(HEW40) LCH 5510MHz SU / Ant2 NTNV



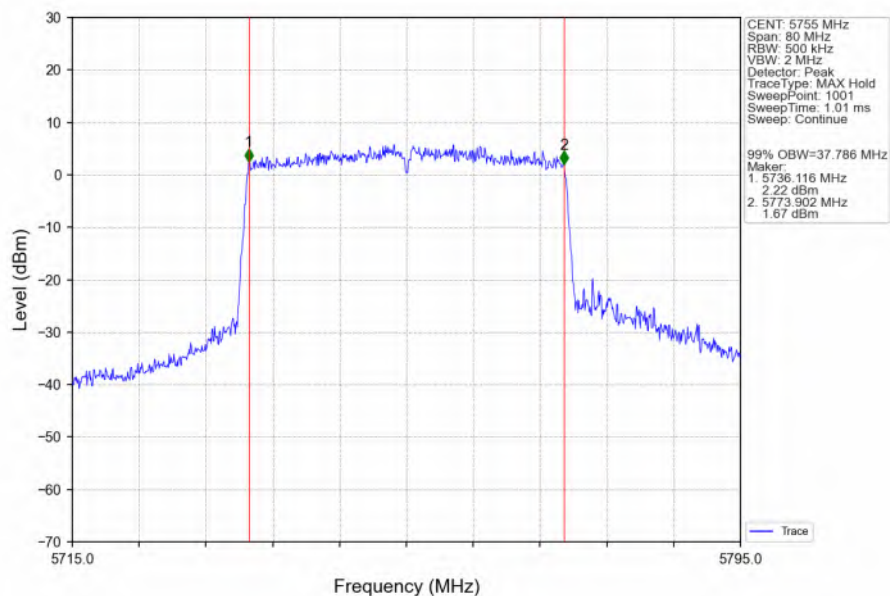
802.11ax(HEW40) MCH 5550MHz SU / Ant2 NTNV



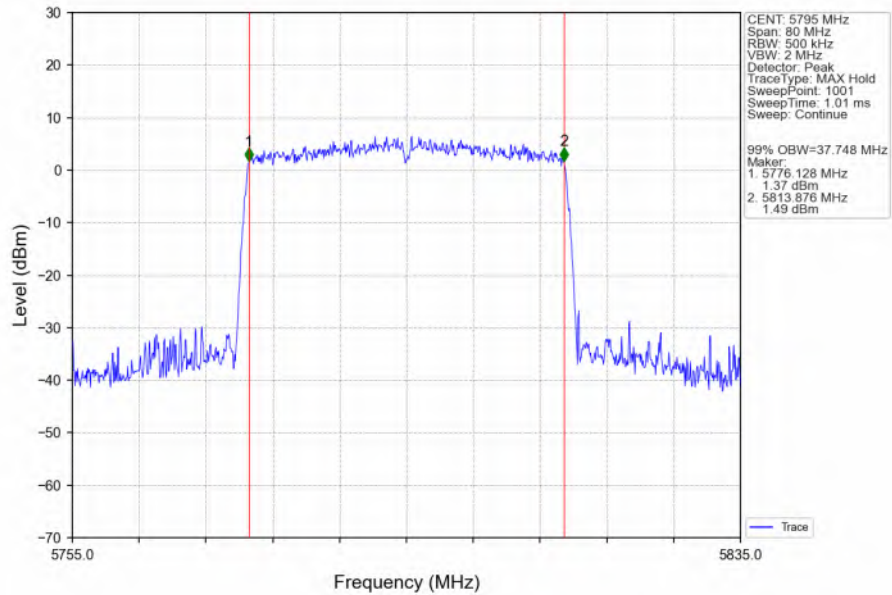
802.11ax(HEW40) HCH 5670MHz SU / Ant2 NTN



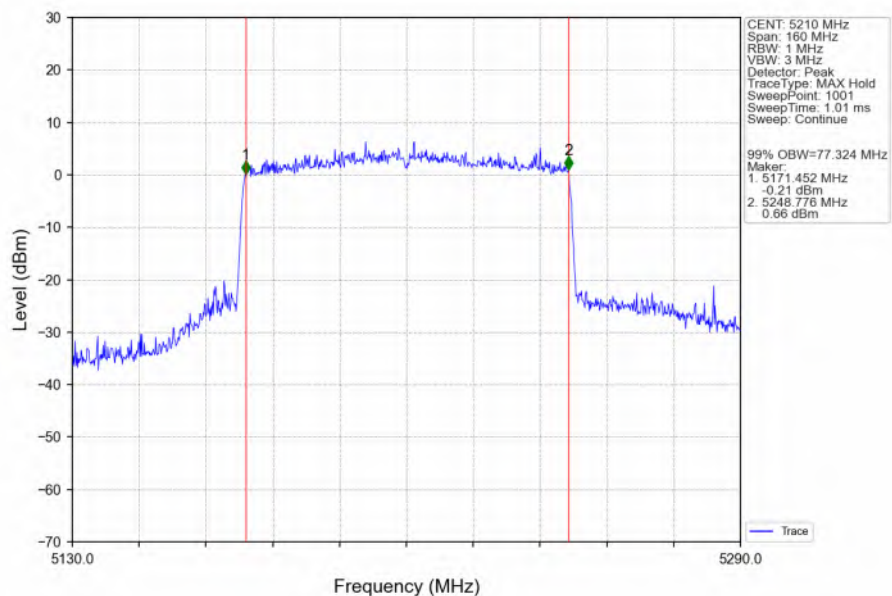
802.11ax(HEW40) LCH 5755MHz SU / Ant2 NTN



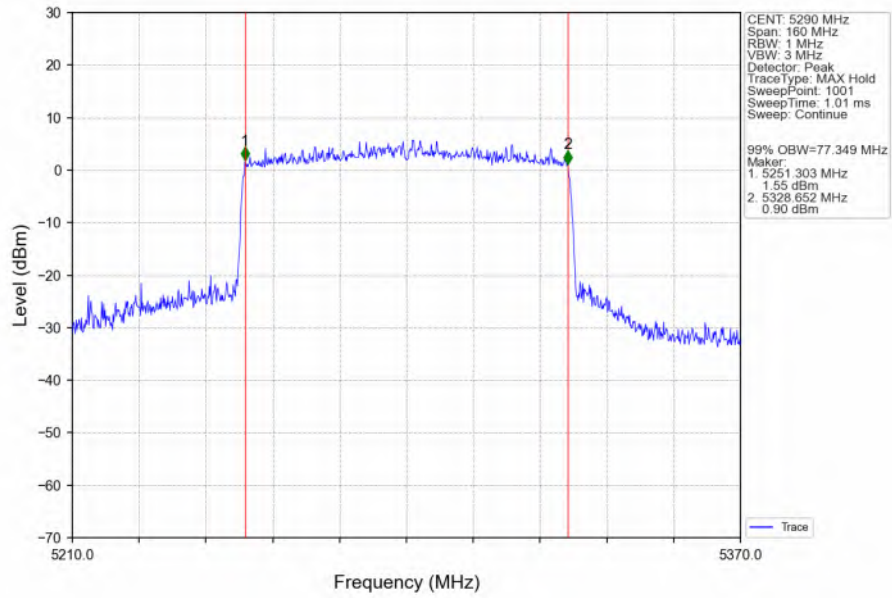
802.11ax(HEW40) HCH 5795MHz SU / Ant2 NTN



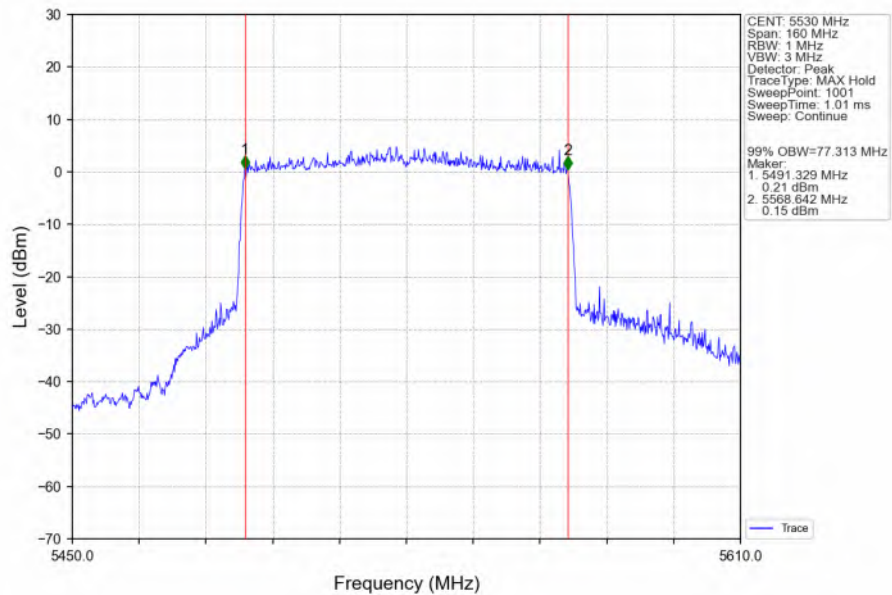
802.11ax(HEW80) MCH 5210MHz SU / Ant2 NTN



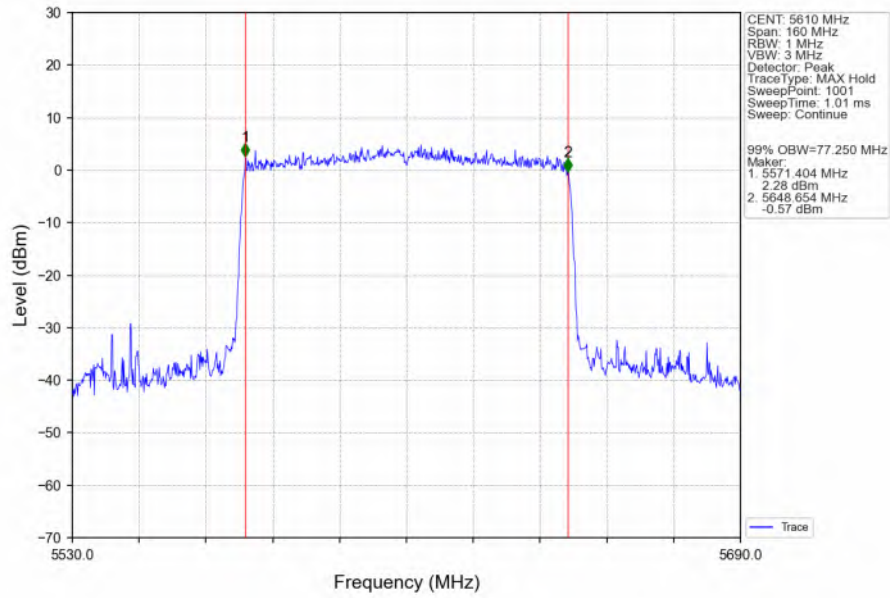
802.11ax(HEW80) MCH 5290MHz SU / Ant2 NTN



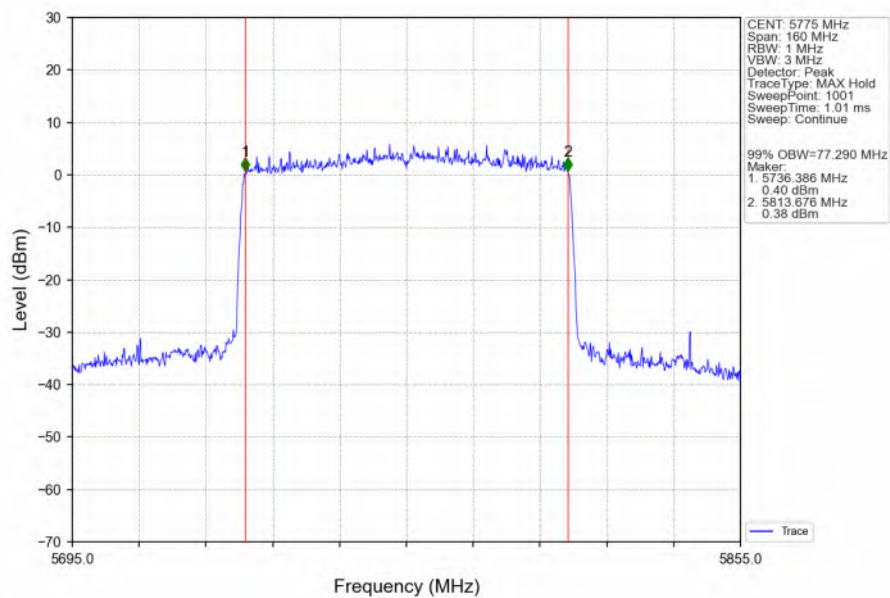
802.11ax(HEW80) LCH 5530MHz SU / Ant2 NTN



802.11ax(HEW80) HCH 5610MHz SU / Ant2 NTN

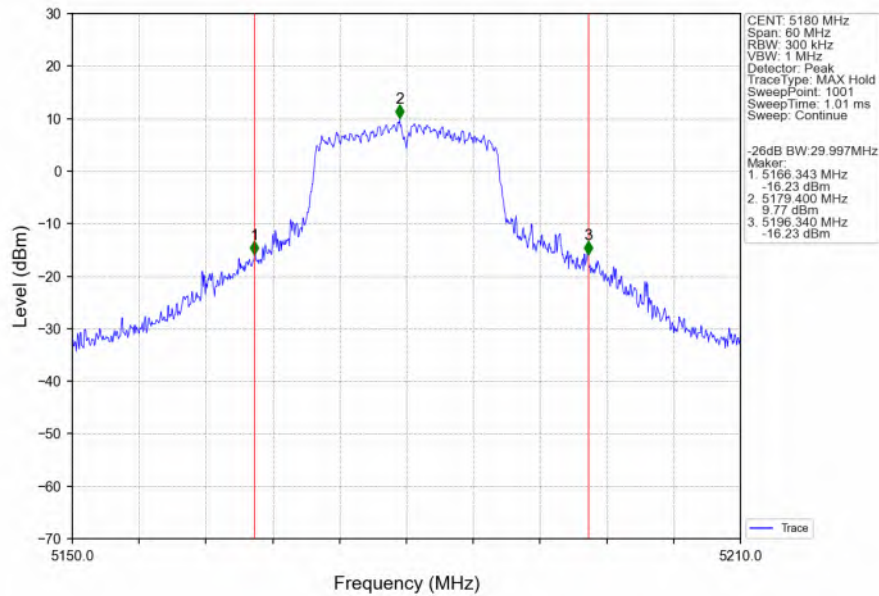


802.11ax(HEW80) MCH 5775MHz SU / Ant2 NTN

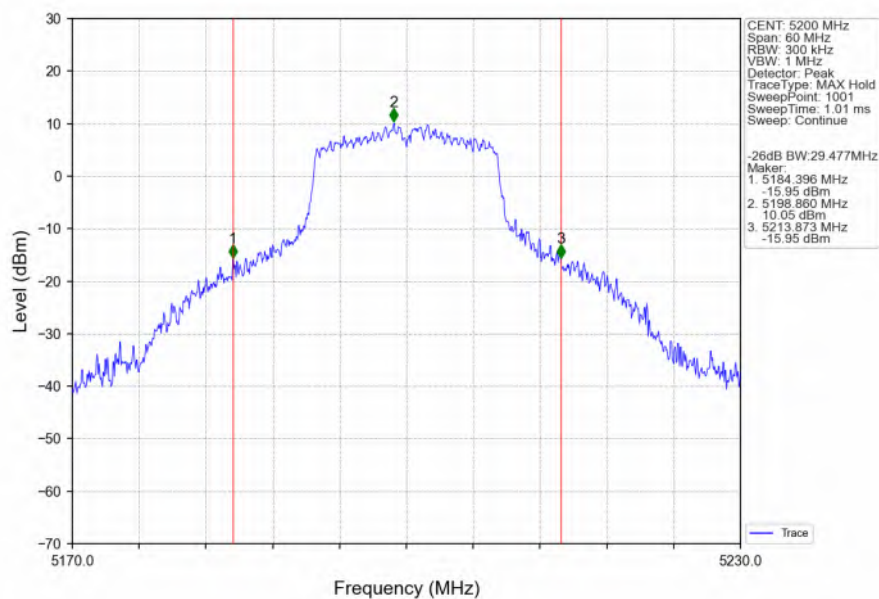


2.2.2 26dB BW

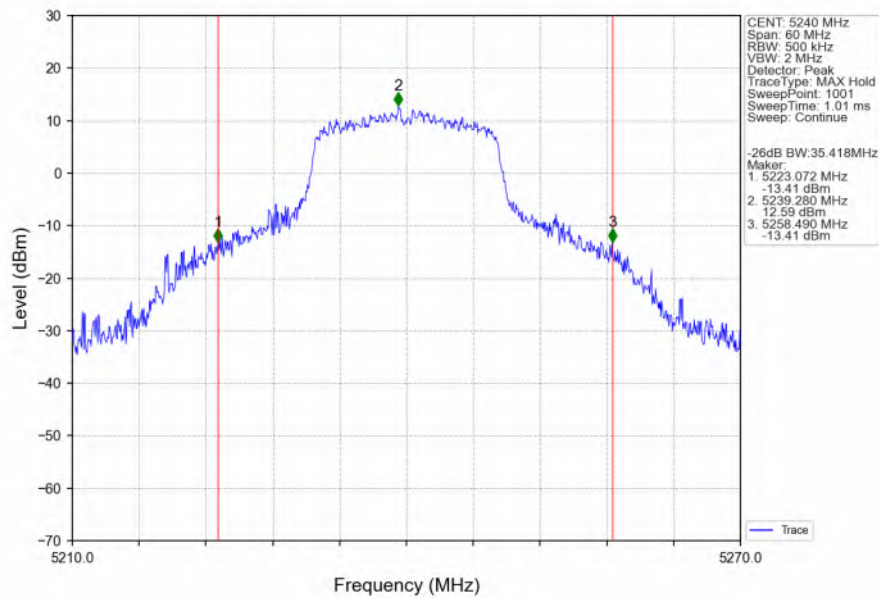
802.11a LCH 5180MHz Ant2 NTN



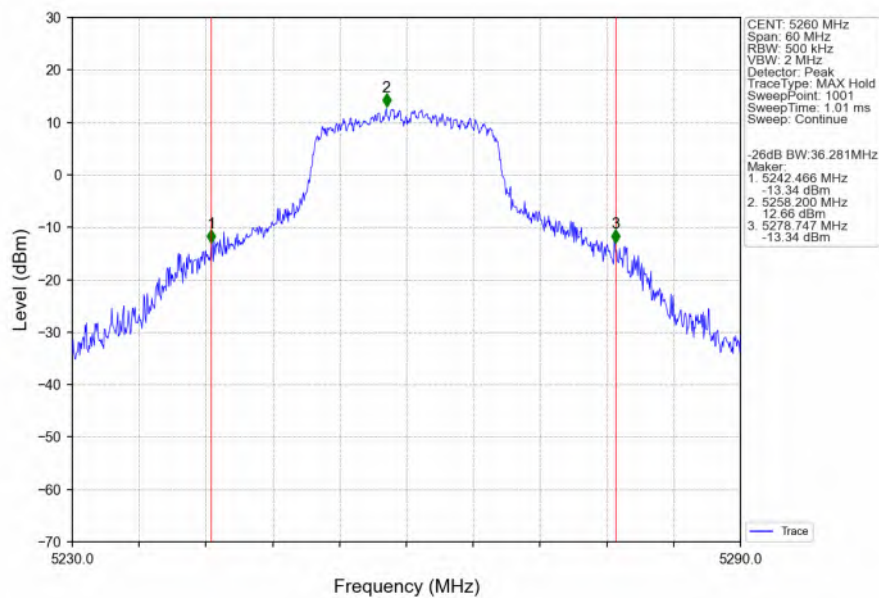
802.11a MCH 5200MHz Ant2 NTN



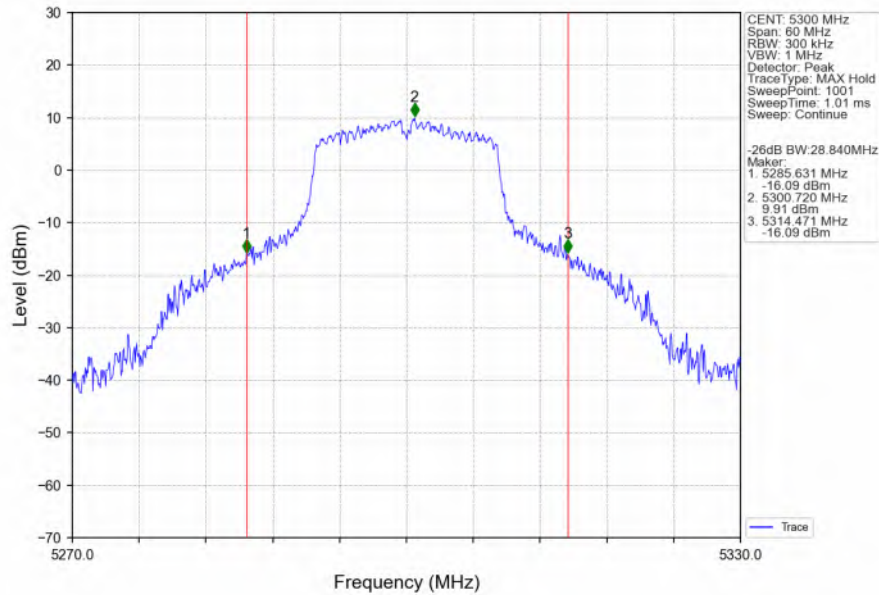
802.11a_HCH_5240MHz_Ant2_NTNV



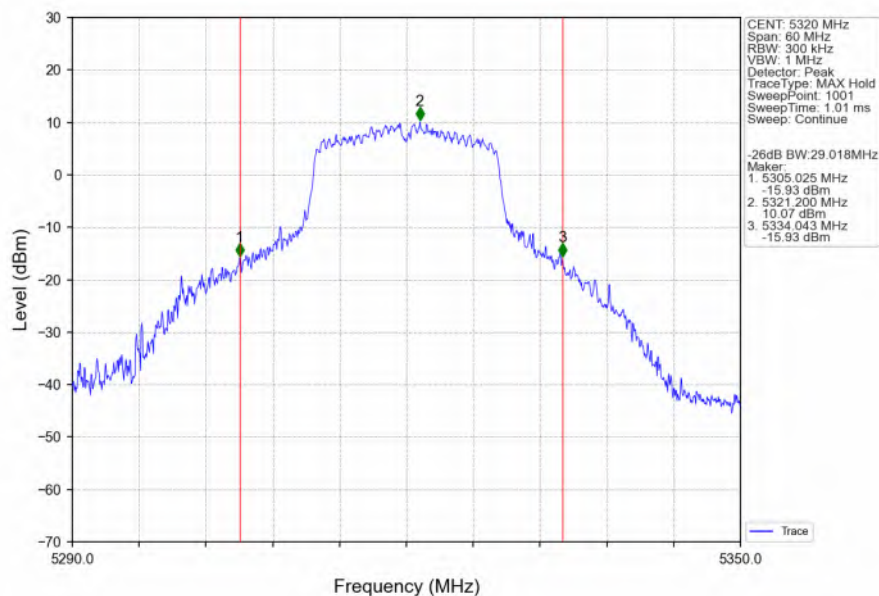
802.11a_LCH_5260MHz_Ant2_NTNV



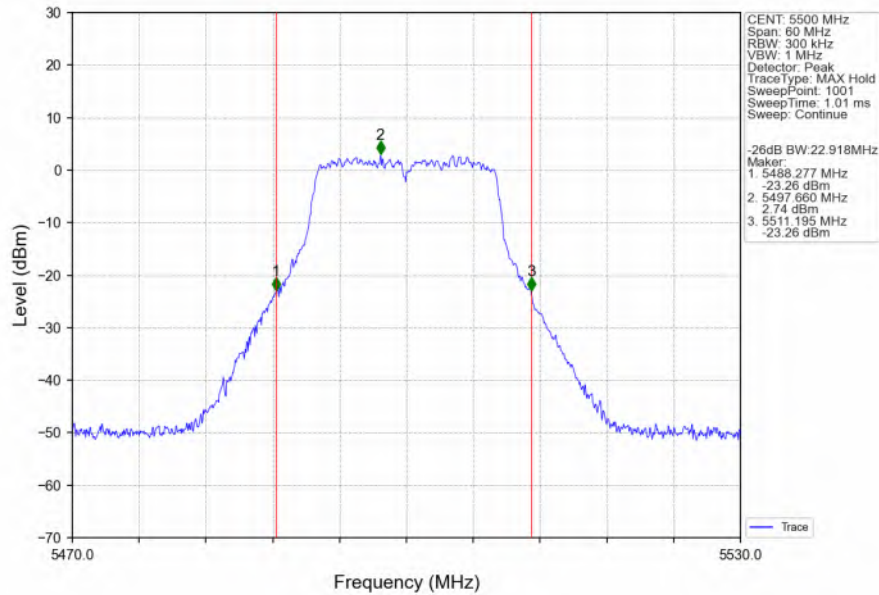
802.11a_MCH_5300MHz_Ant2_NTNV



802.11a_HCH_5320MHz_Ant2_NTNV



802.11a_LCH_5500MHz_Ant2_NTNV



802.11a_MCH_5580MHz_Ant2_NTNV

