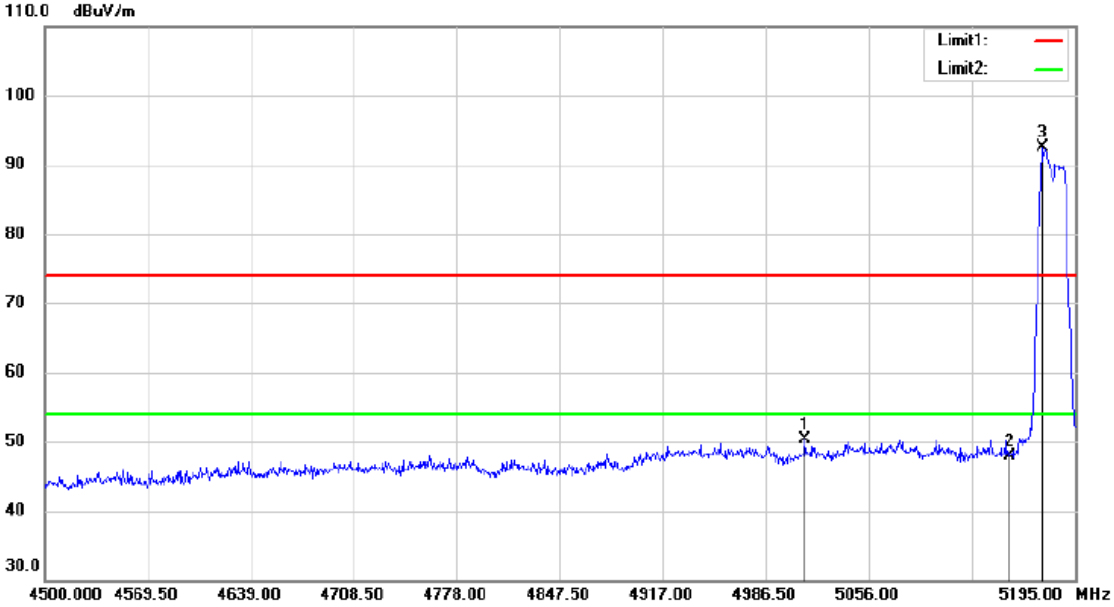
Appendix III

Test data of Radiated Band edge

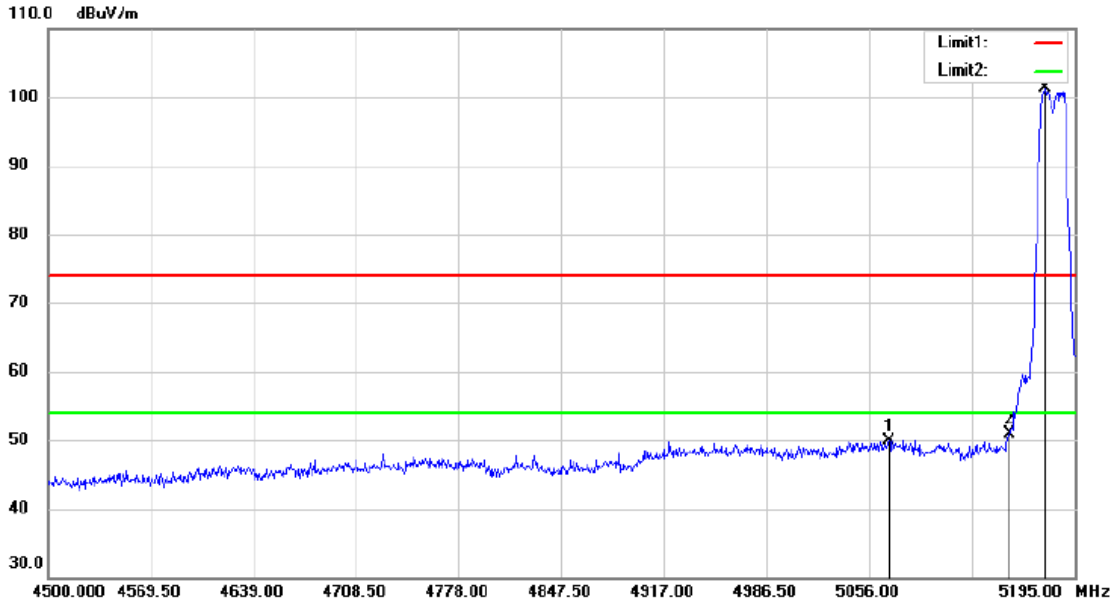
802.11 a **Antenna A** **Channel: 36**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5012.91	42.63	7.64	50.27	54	-3.73	Peak	Horizontal
2	5150	41.07	6.92	47.99	54	-6.01	Peak	Horizontal
3	5173.455	85.75	6.80	92.55	54	38.55	Peak	Horizontal
1	5069.205	42.56	7.35	49.91	54	-4.09	Peak	Vertical
2	5150	43.91	6.92	50.83	54	-3.17	Peak	Vertical
3	5174.845	94.49	6.79	101.28	54	47.28	Peak	Vertical

Horizontal



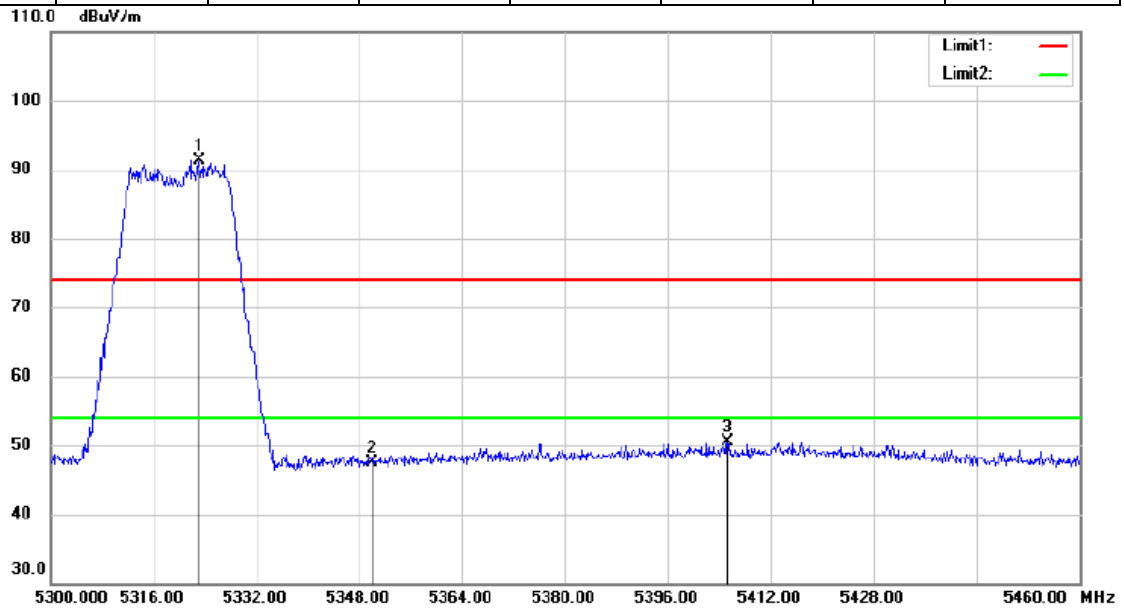
Vertical



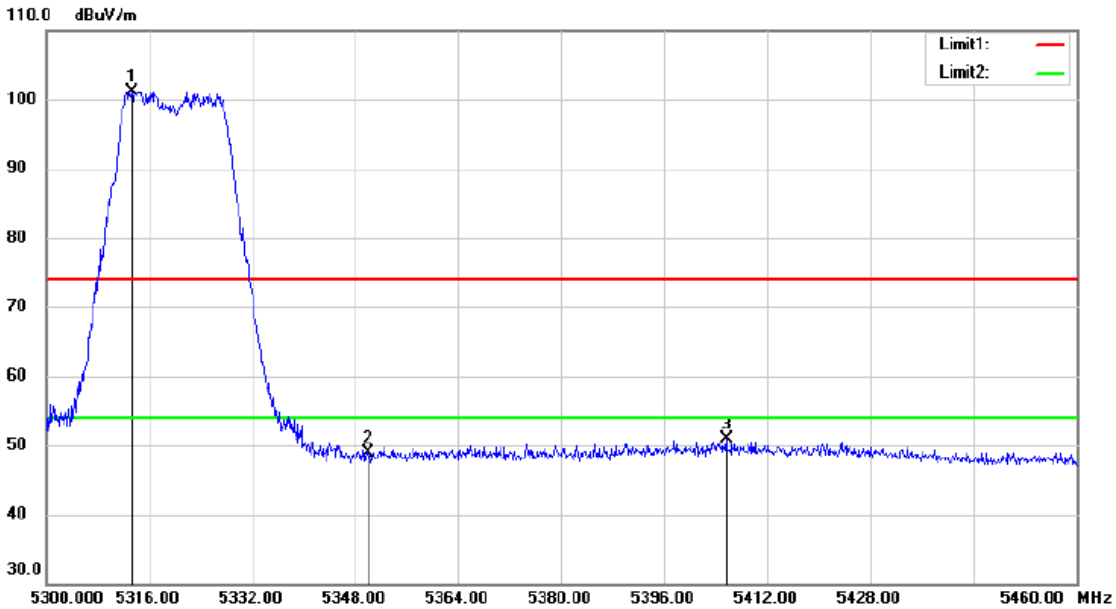
802.11 a **Antenna A** **Channel: 64**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5323.2	84.41	6.81	91.22	54	37.22	Peak	Horizontal
2	5350	40.55	6.98	47.53	54	-6.47	Peak	Horizontal
3	5405.28	43.19	7.30	50.49	54	-3.51	Peak	Horizontal
1	5313.28	94.42	6.74	101.16	54	47.16	Peak	Vertical
2	5350	41.83	6.98	48.81	54	-5.19	Peak	Vertical
3	5405.6	43.65	7.30	50.95	54	-3.05	Peak	Vertical

Horizontal



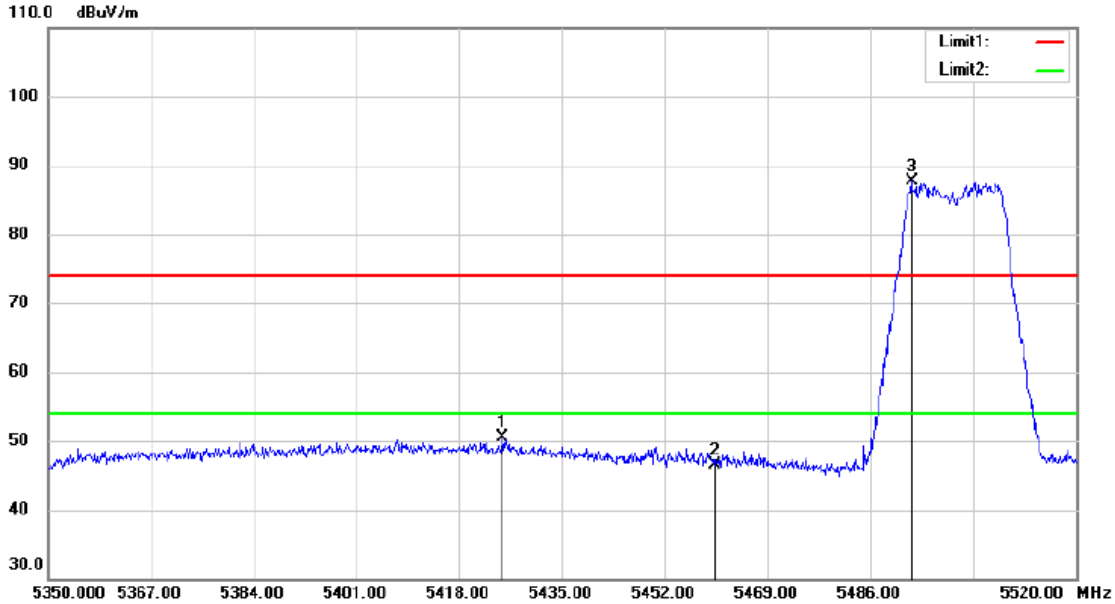
Vertical



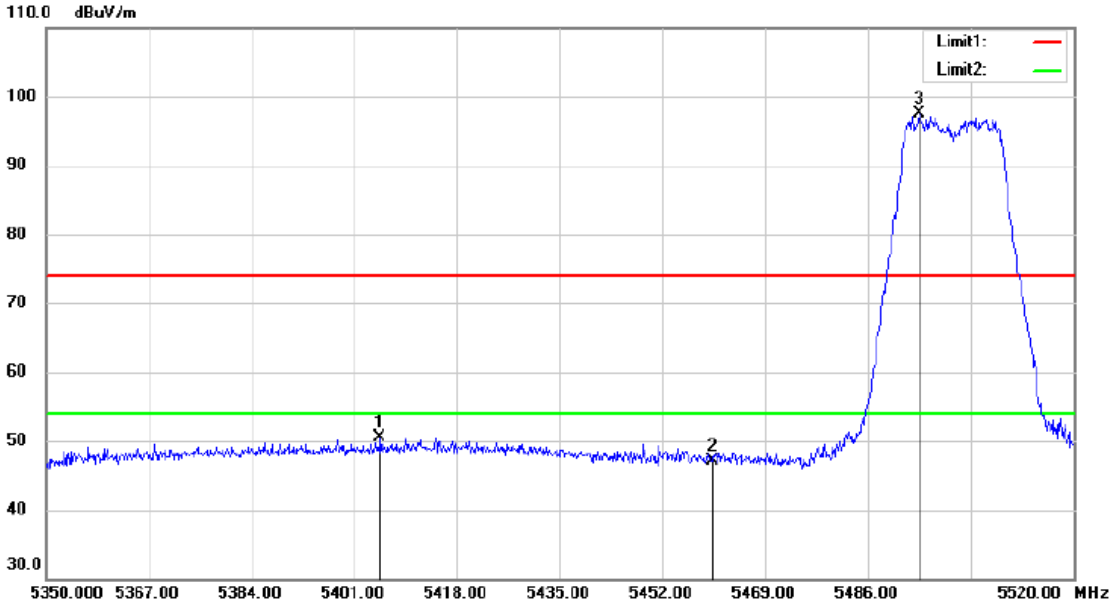
802.11 a **Antenna A** **Channel: 100**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5425.14	43.30	7.23	50.53	54	-3.47	Peak	Horizontal
2	5460	39.49	7.11	46.60	54	-7.40	Peak	Horizontal
3	5492.8	80.81	6.99	87.80	54	33.80	Peak	Horizontal
1	5405.25	43.18	7.30	50.48	54	-3.52	Peak	Vertical
2	5460	40.01	7.11	47.12	54	-6.88	Peak	Vertical
3	5494.5	90.53	6.98	97.51	54	43.51	Peak	Vertical

Horizontal



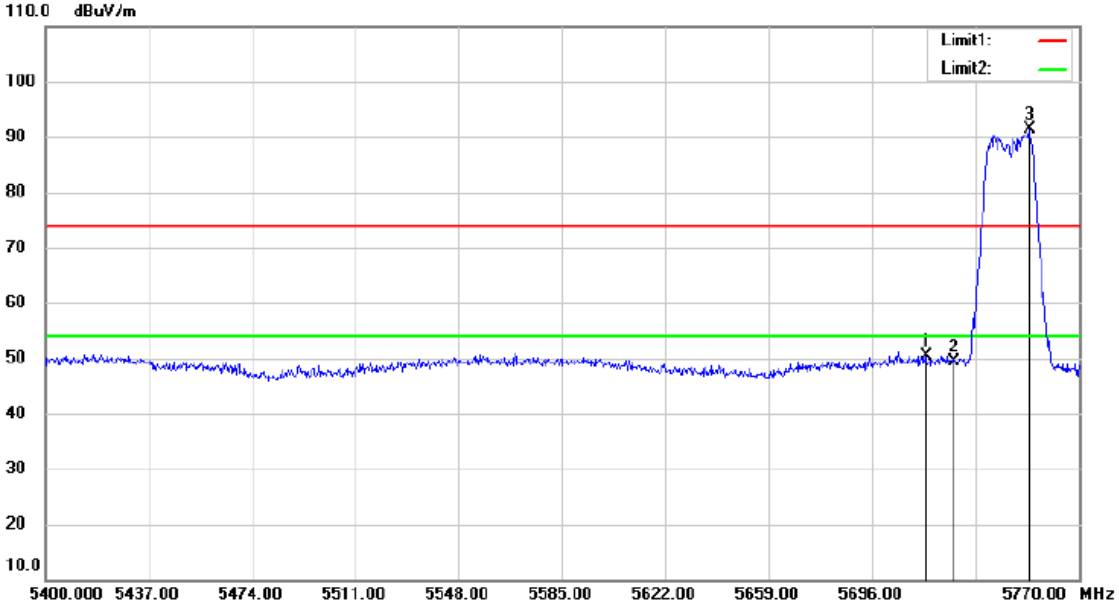
Vertical



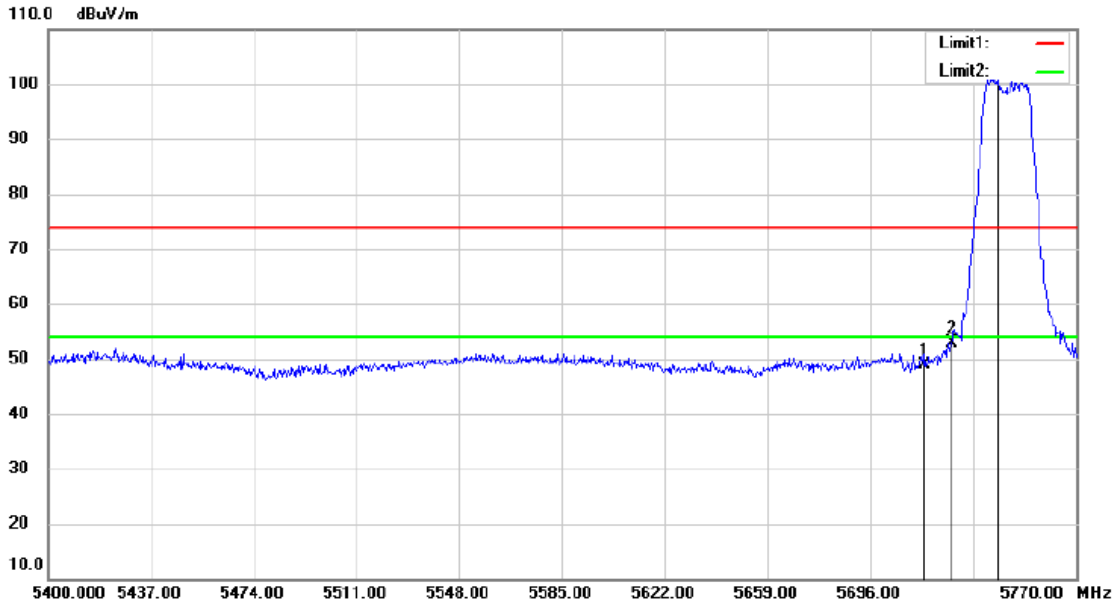
802.11 a **Antenna A** **Channel: 149**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5715	43.51	6.84	50.35	54	-3.65	Peak	Horizontal
2	5725	42.56	6.82	49.38	54	-4.62	Peak	Horizontal
3	5752.24	84.63	6.77	91.40	54	37.40	Peak	Horizontal
1	5715	42.13	6.84	48.97	54	-5.03	Peak	Vertical
2	5725	46.11	6.82	52.93	54	-1.07	Peak	Vertical
3	5741.88	93.85	6.79	100.64	54	46.64	Peak	Vertical

Horizontal



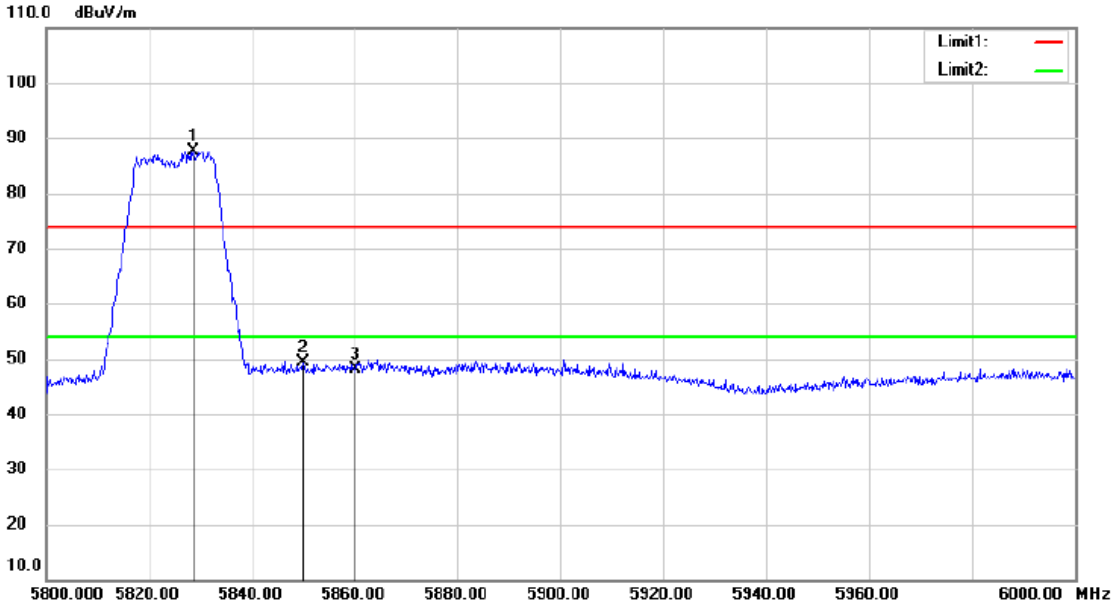
Vertical



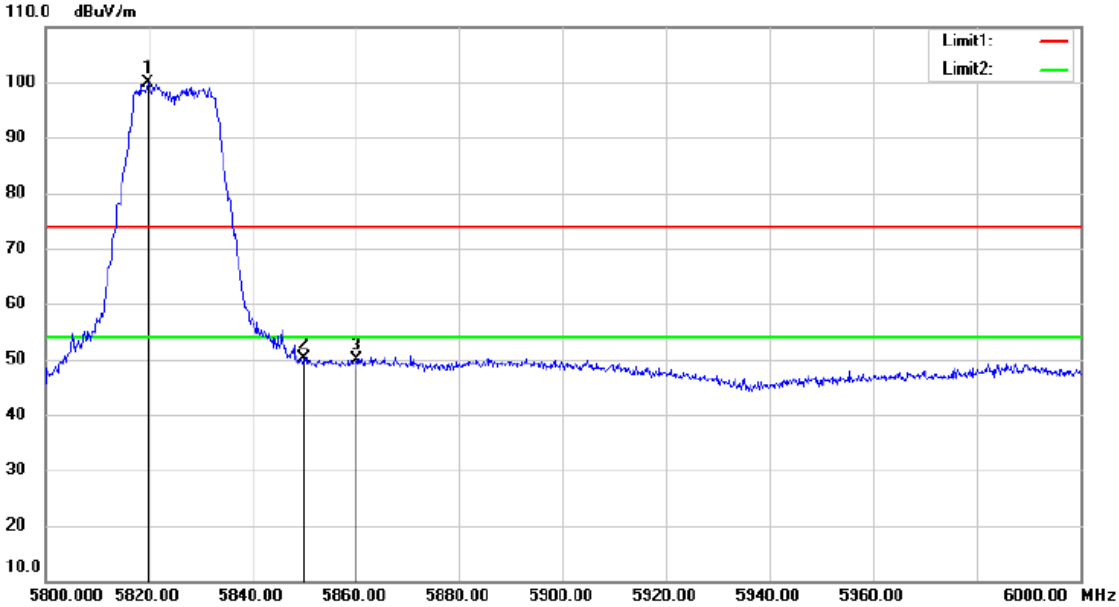
802.11 a **Antenna A** **Channel: 165**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5828.6	80.98	6.66	87.64	54	33.64	Peak	Horizontal
2	5850	42.66	6.64	49.30	54	-4.70	Peak	Horizontal
3	5860	41.54	6.63	48.17	54	-5.83	Peak	Horizontal
1	5819.8	93.19	6.65	99.84	54	45.84	Peak	Vertical
2	5850	43.41	6.64	50.05	54	-3.95	Peak	Vertical
3	5860	43.13	6.63	49.76	54	-4.24	Peak	Vertical

Horizontal



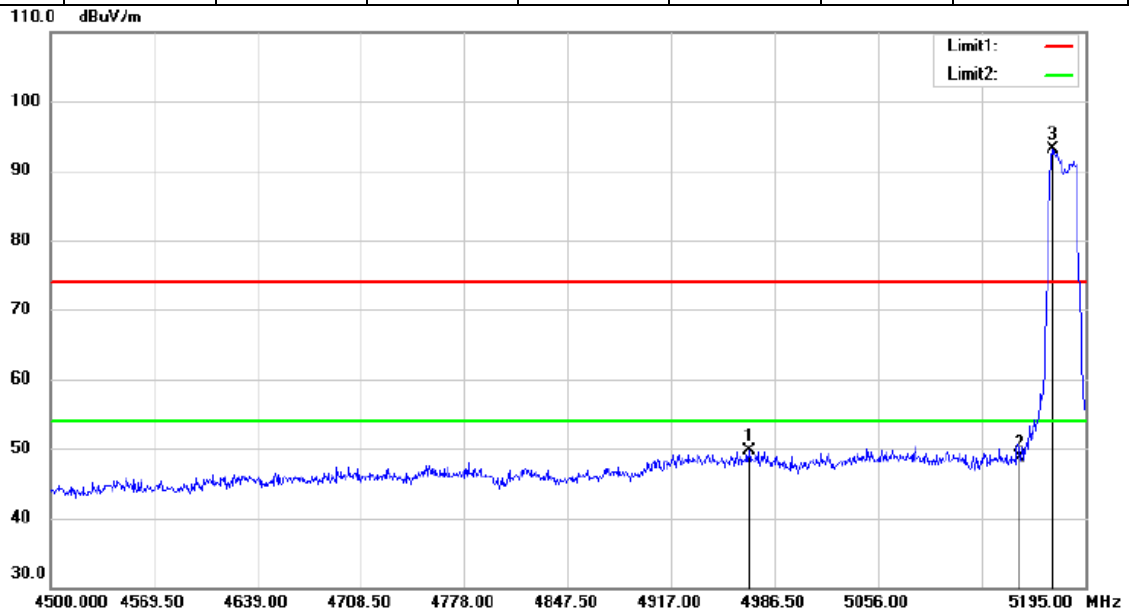
Vertical



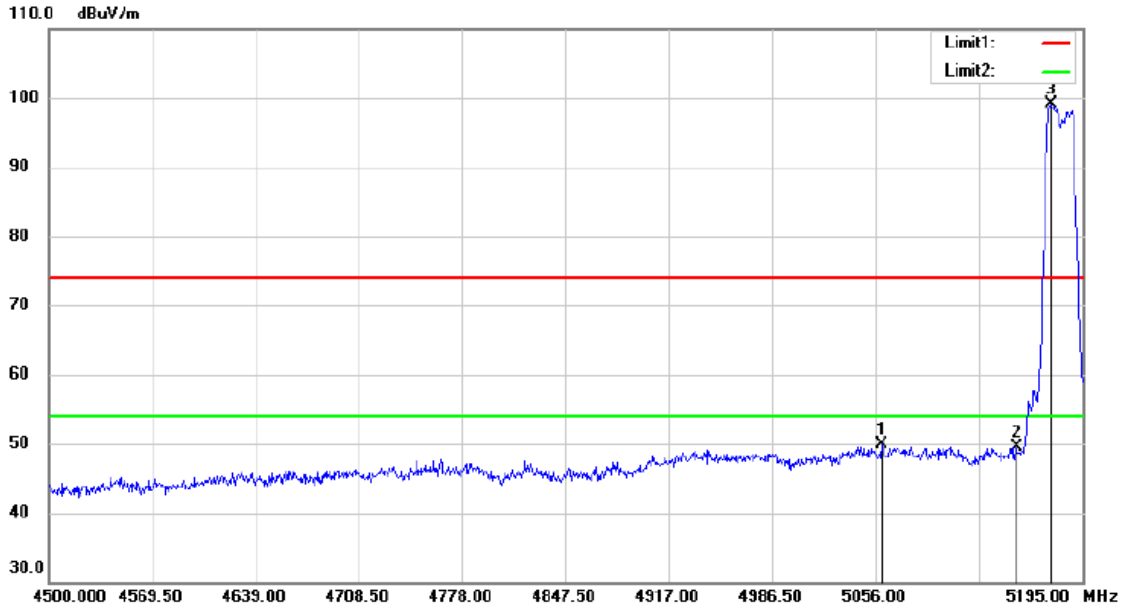
802.11 n(HT20) **Antenna A** **Channel: 36**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	4969.125	42.08	7.54	49.62	54	-4.38	Peak	Horizontal
2	5150	41.70	6.92	48.62	54	-5.38	Peak	Horizontal
3	5172.76	86.21	6.80	93.01	54	39.01	Peak	Horizontal
1	5060.17	42.48	7.40	49.88	54	-4.12	Peak	Vertical
2	5150	42.57	6.92	49.49	54	-4.51	Peak	Vertical
3	5174.15	92.26	6.80	99.06	54	45.06	Peak	Vertical

Horizontal



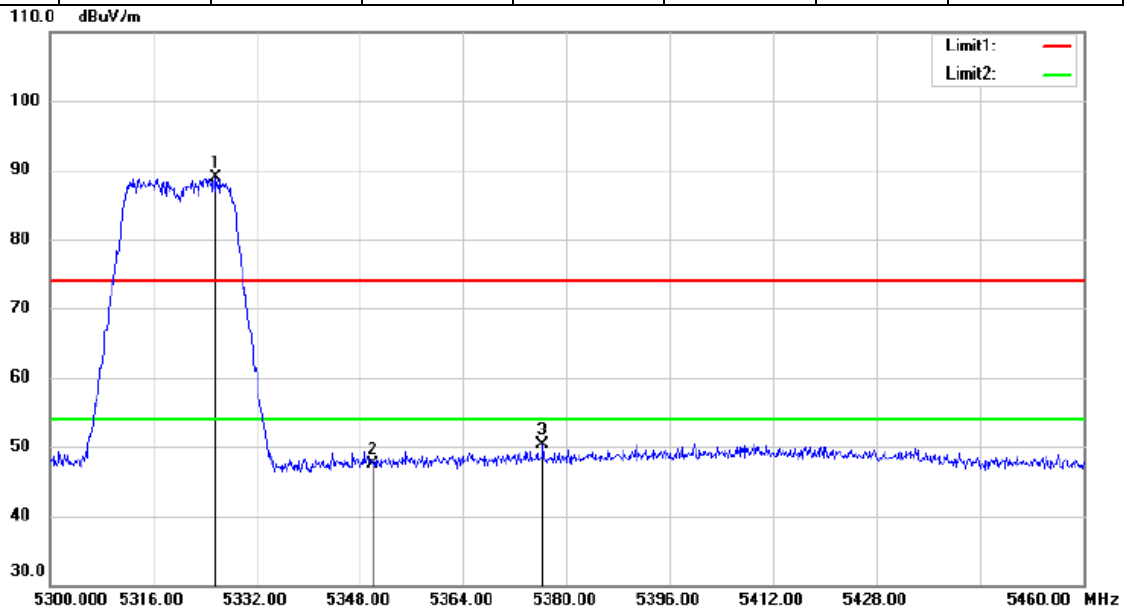
Vertical



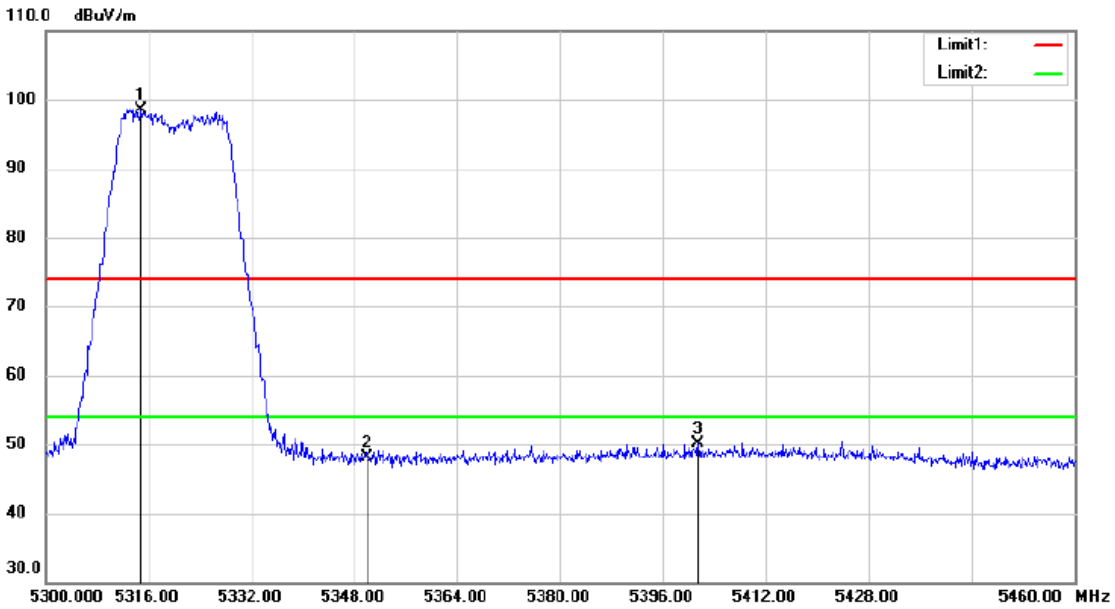
802.11 n(HT20) **Antenna A** **Channel: 64**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5325.6	82.01	6.82	88.83	54	34.83	Peak	Horizontal
2	5350	40.62	6.98	47.60	54	-6.40	Peak	Horizontal
3	5376.32	43.23	7.16	50.39	54	-3.61	Peak	Horizontal
1	5314.88	91.71	6.74	98.45	54	44.45	Peak	Vertical
2	5350	41.10	6.98	48.08	54	-5.92	Peak	Vertical
3	5401.44	42.75	7.32	50.07	54	-3.93	Peak	Vertical

Horizontal



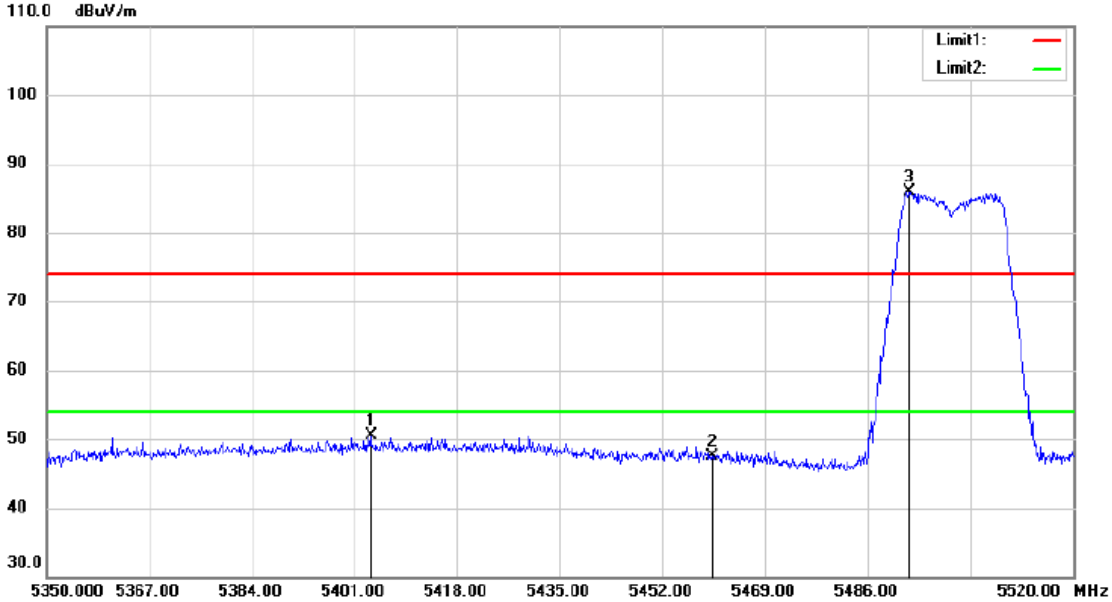
Vertical



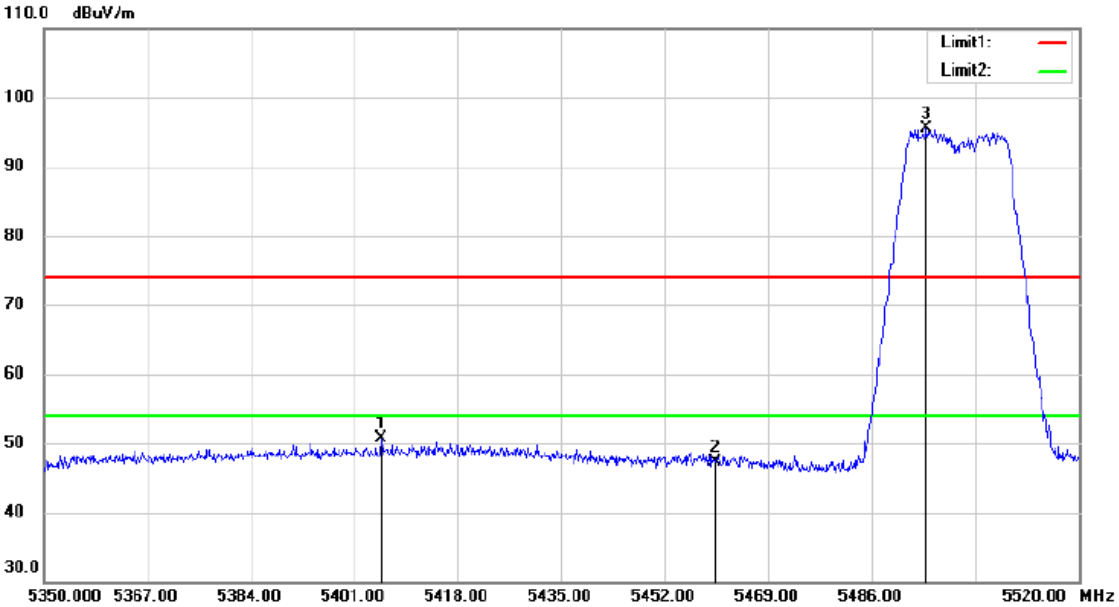
802.11 n(HT20) **Antenna A** **Channel: 100**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5403.72	43.16	7.32	50.48	54	-3.52	Peak	Horizontal
2	5460	40.43	7.11	47.54	54	-6.46	Peak	Horizontal
3	5492.8	79.01	6.99	86.00	54	32.00	Peak	Horizontal
1	5405.42	43.33	7.30	50.63	54	-3.37	Peak	Vertical
2	5460	40.25	7.11	47.36	54	-6.64	Peak	Vertical
3	5495.01	88.46	6.98	95.44	54	41.44	Peak	Vertical

Horizontal



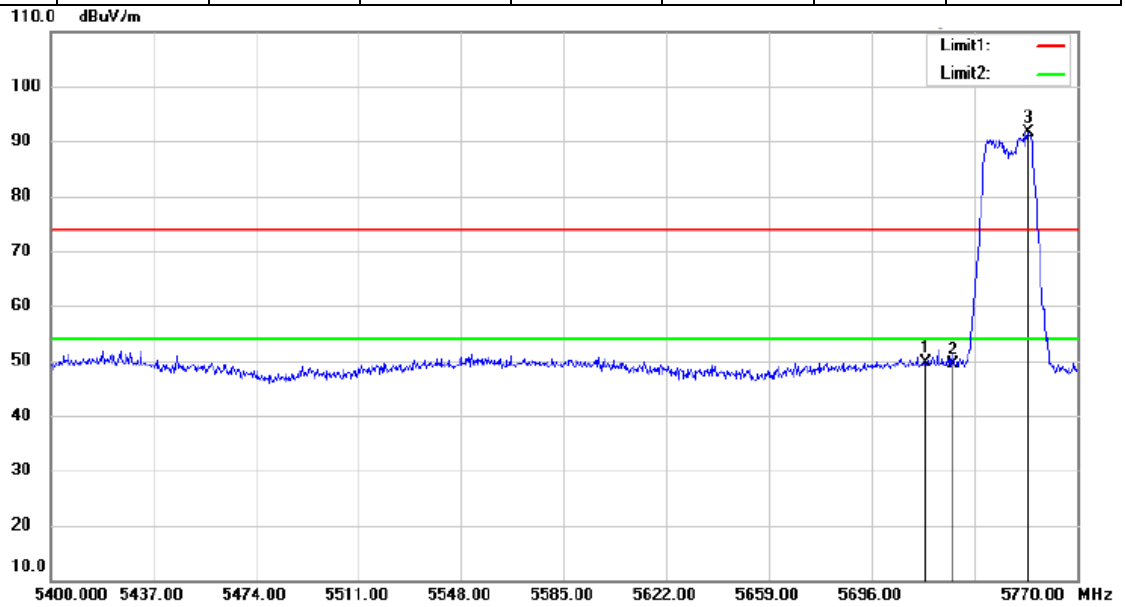
Vertical



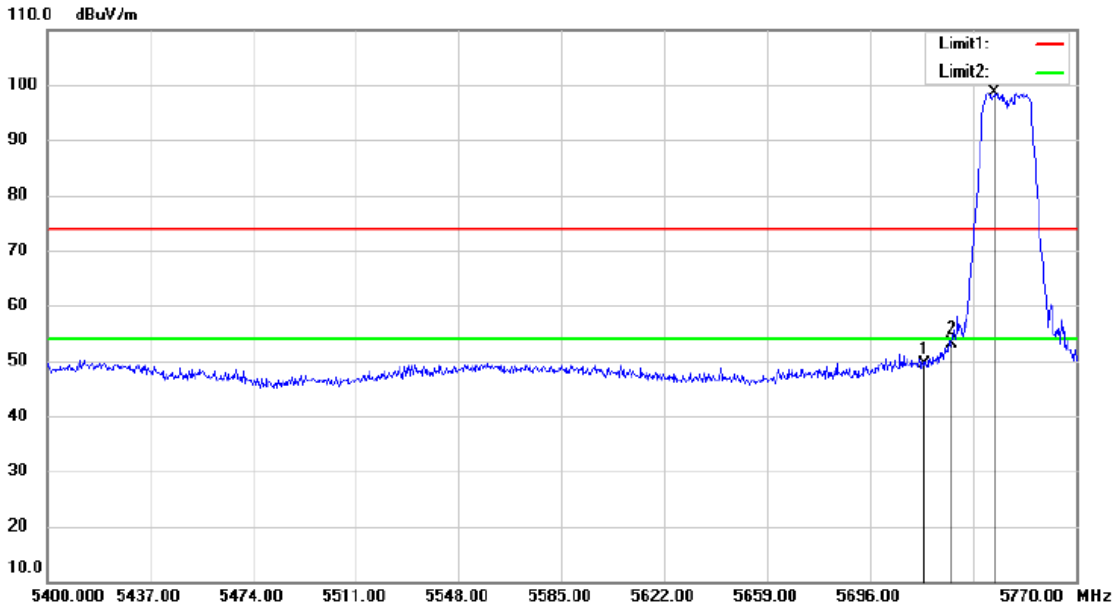
802.11 n(HT20) **Antenna A** **Channel: 149**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5715	42.87	6.84	49.71	54	-4.29	Peak	Horizontal
2	5725	42.56	6.82	49.38	54	-4.62	Peak	Horizontal
3	5752.61	84.84	6.77	91.61	54	37.61	Peak	Horizontal
1	5715	42.56	6.84	49.40	54	-4.60	Peak	Vertical
2	5725	46.34	6.82	53.16	54	-0.84	Peak	Vertical
3	5740.77	91.75	6.79	98.54	54	44.54	Peak	Vertical

Horizontal



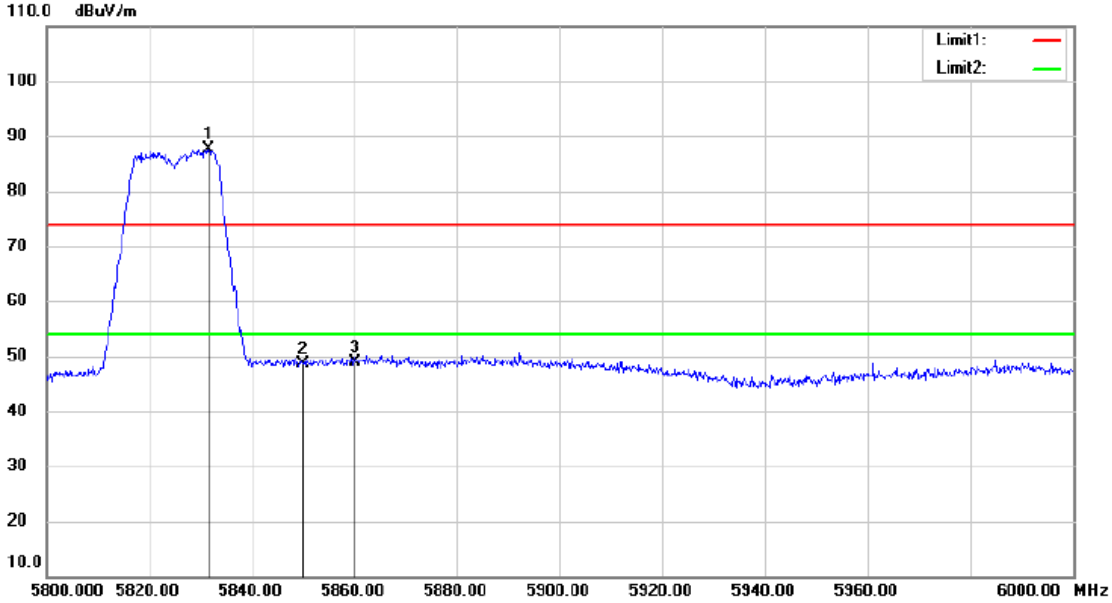
Vertical



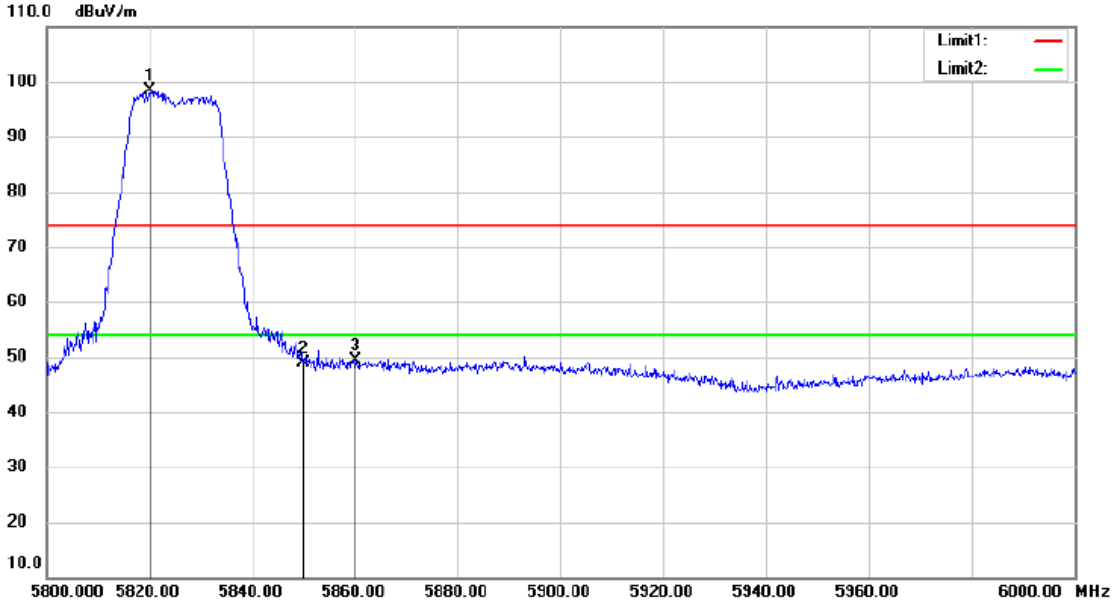
802.11 n(HT20) **Antenna A** **Channel: 165**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5831.6	81.09	6.65	87.74	54	33.74	Peak	Horizontal
2	5850	41.89	6.64	48.53	54	-5.47	Peak	Horizontal
3	5860	42.28	6.63	48.91	54	-5.09	Peak	Horizontal
1	5820	91.72	6.65	98.37	54	44.37	Peak	Vertical
2	5850	42.35	6.64	48.99	54	-5.01	Peak	Vertical
3	5860	42.77	6.63	49.40	54	-4.60	Peak	Vertical

Horizontal



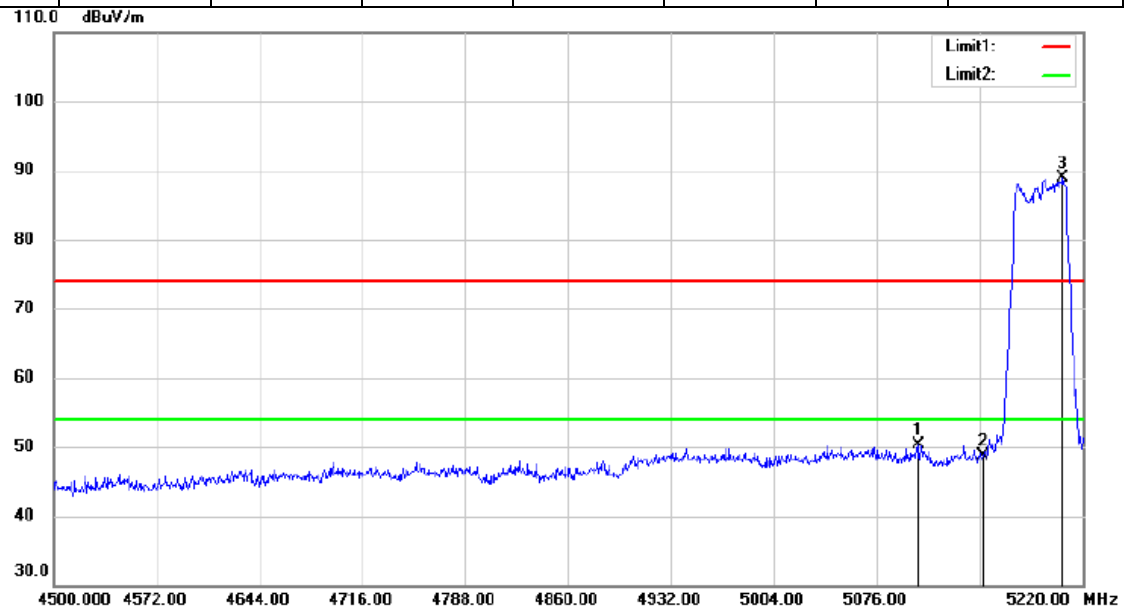
Vertical



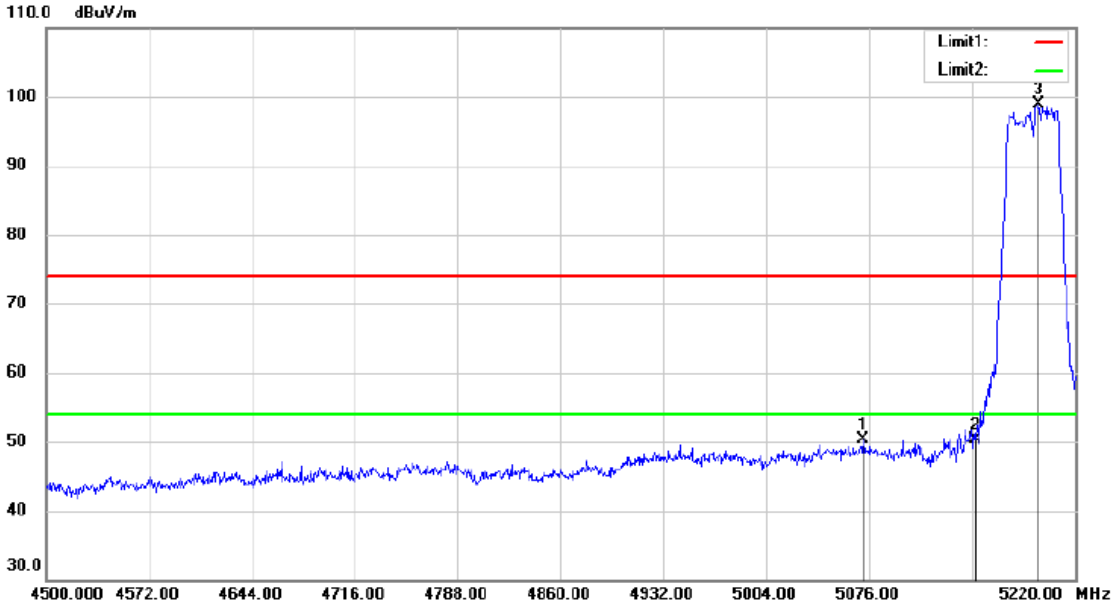
802.11 n(HT40) **Antenna A** **Channel: 38**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5104.8	43.15	7.17	50.32	54	-3.68	Peak	Horizontal
2	5150	41.87	6.92	48.79	54	-5.21	Peak	Horizontal
3	5206.32	82.27	6.65	88.92	54	34.92	Peak	Horizontal
1	5071.68	42.99	7.34	50.33	54	-3.67	Peak	Vertical
2	5150	43.42	6.92	50.34	54	-3.66	Peak	Vertical
3	5194.8	92.17	6.68	98.85	54	44.85	Peak	Vertical

Horizontal



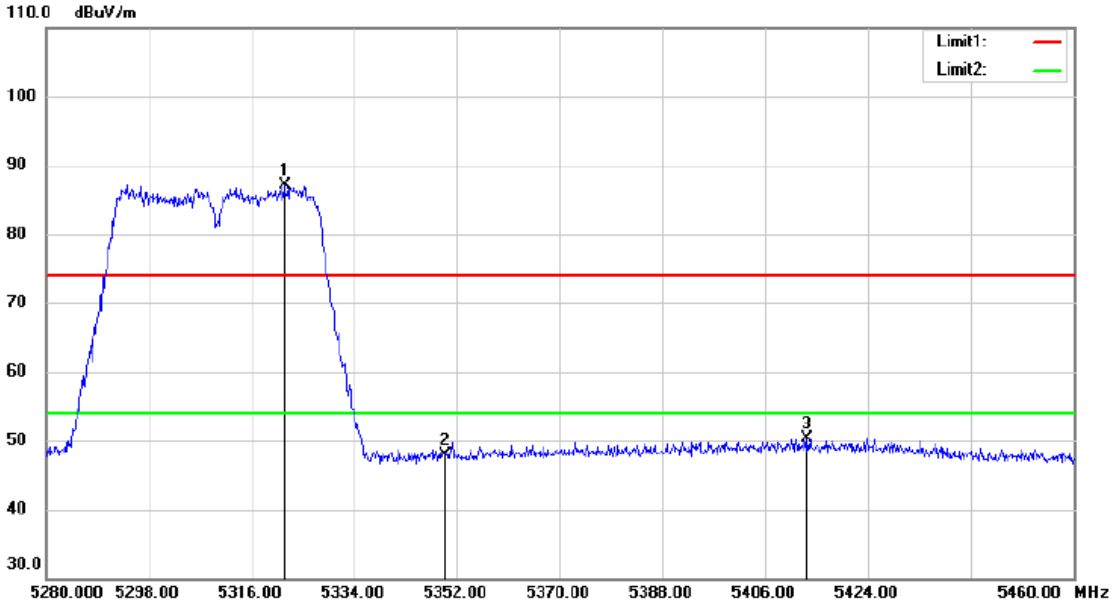
Vertical



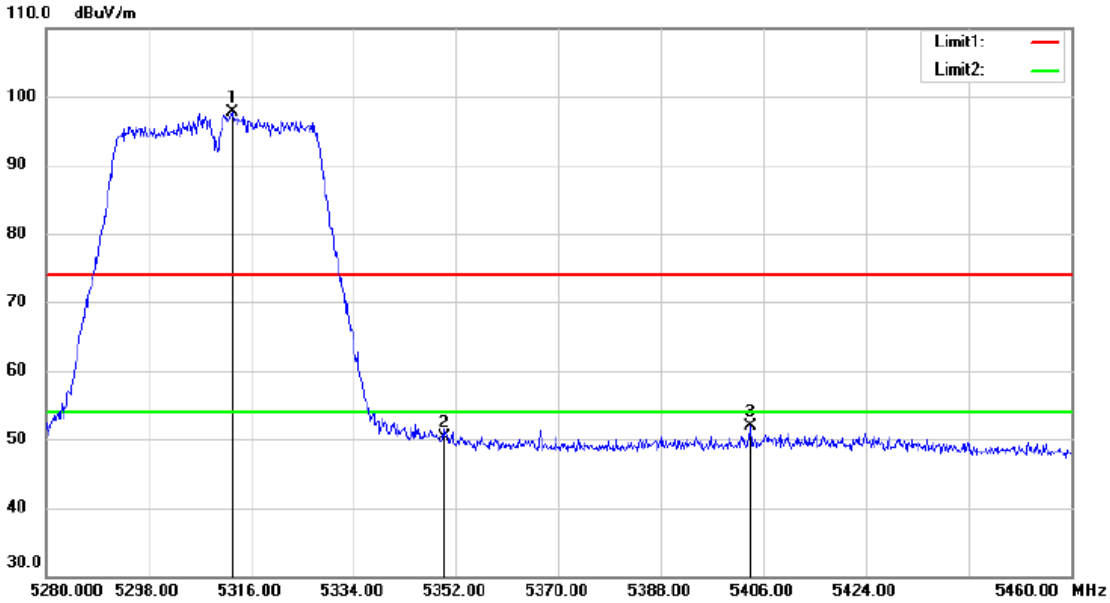
802.11 n(HT40) **Antenna A** **Channel: 62**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5321.76	80.38	6.79	87.17	54	33.17	Peak	Horizontal
2	5350	41.02	6.98	48.00	54	-6.00	Peak	Horizontal
3	5413.38	43.07	7.27	50.34	74	-23.66	Peak	Horizontal
1	5312.76	91.07	6.73	97.80	54	43.80	Peak	Vertical
2	5350	43.28	6.98	50.26	54	-3.74	Peak	Vertical
3	5403.66	44.55	7.32	51.87	54	-2.13	Peak	Vertical

Horizontal



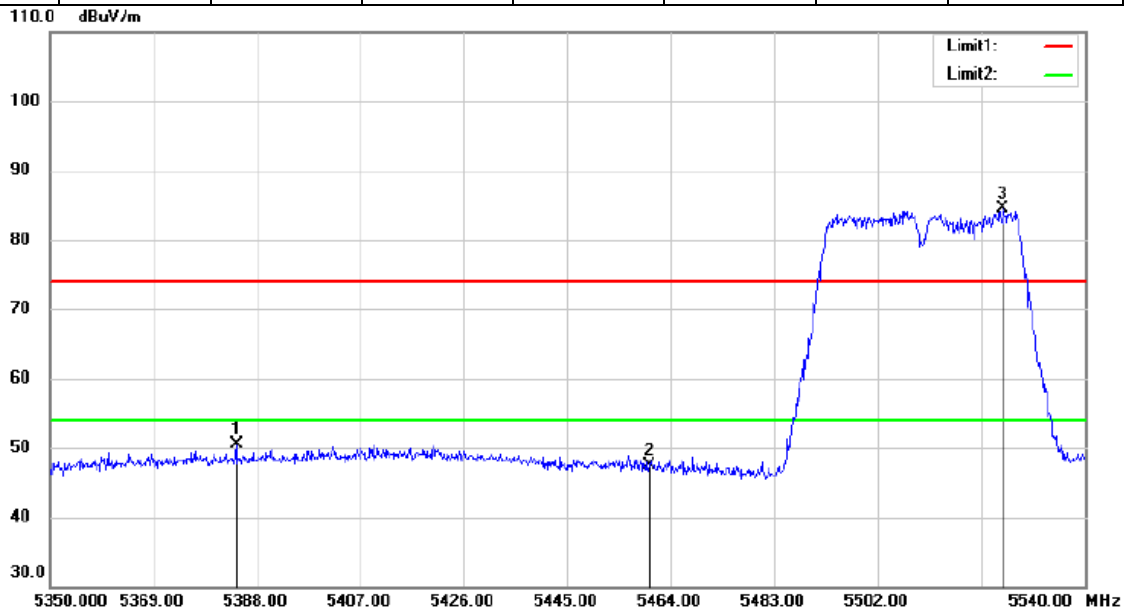
Vertical



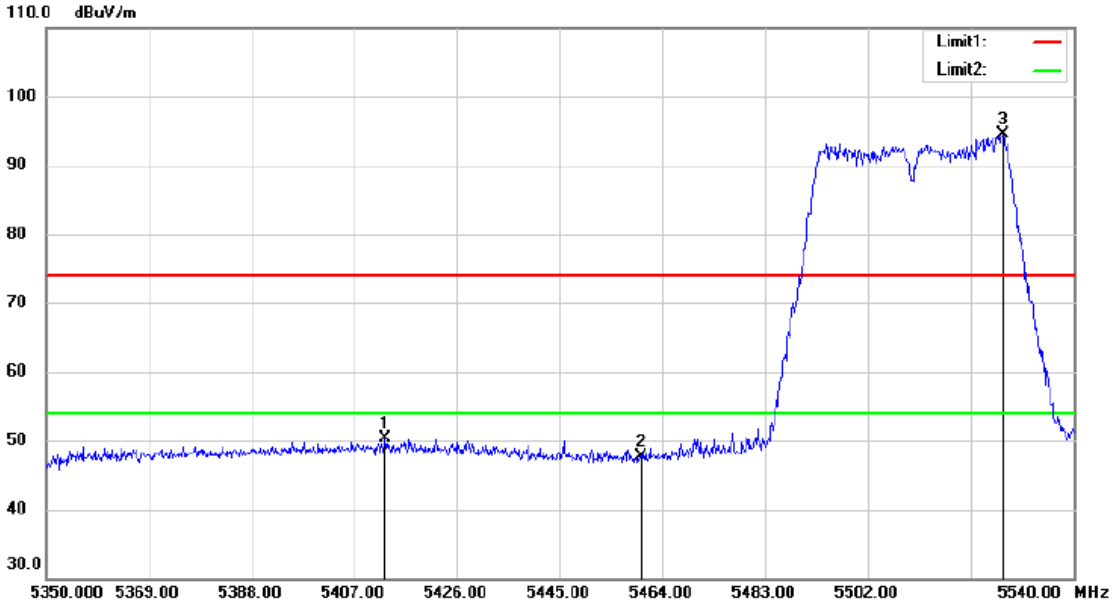
802.11 n(HT40) **Antenna A** **Channel: 102**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5384.2	43.25	7.21	50.46	54	-3.54	Peak	Horizontal
2	5460	40.43	7.11	47.54	54	-6.46	Peak	Horizontal
3	5524.99	77.51	6.92	84.43	54	30.43	Peak	Horizontal
1	5412.7	43.00	7.28	50.28	54	-3.72	Peak	Vertical
2	5460	40.54	7.11	47.65	54	-6.35	Peak	Vertical
3	5526.89	87.56	6.91	94.47	54	40.47	Peak	Vertical

Horizontal



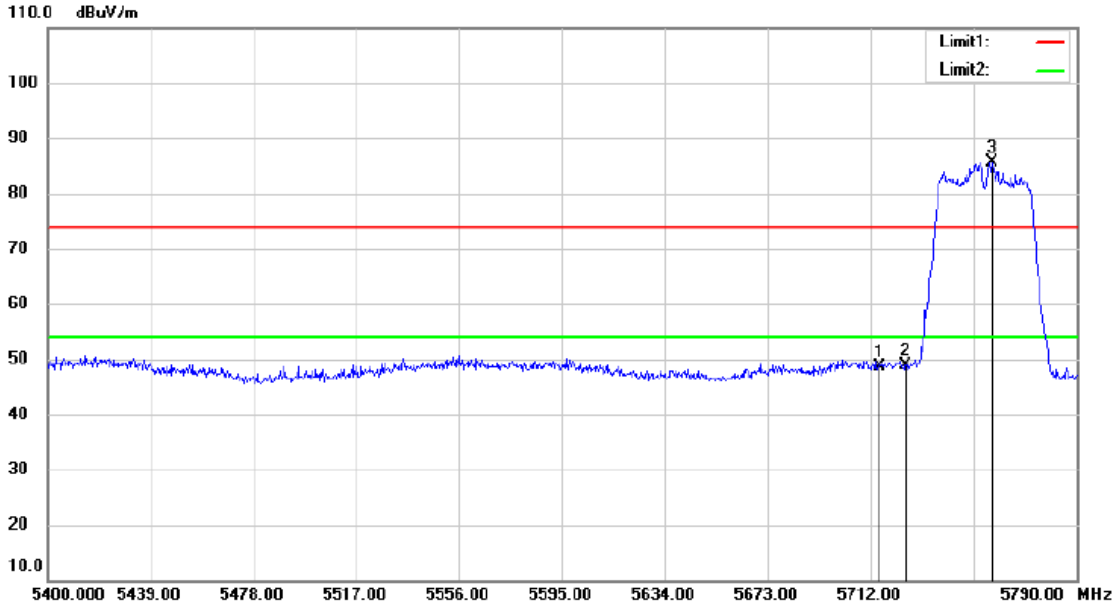
Vertical



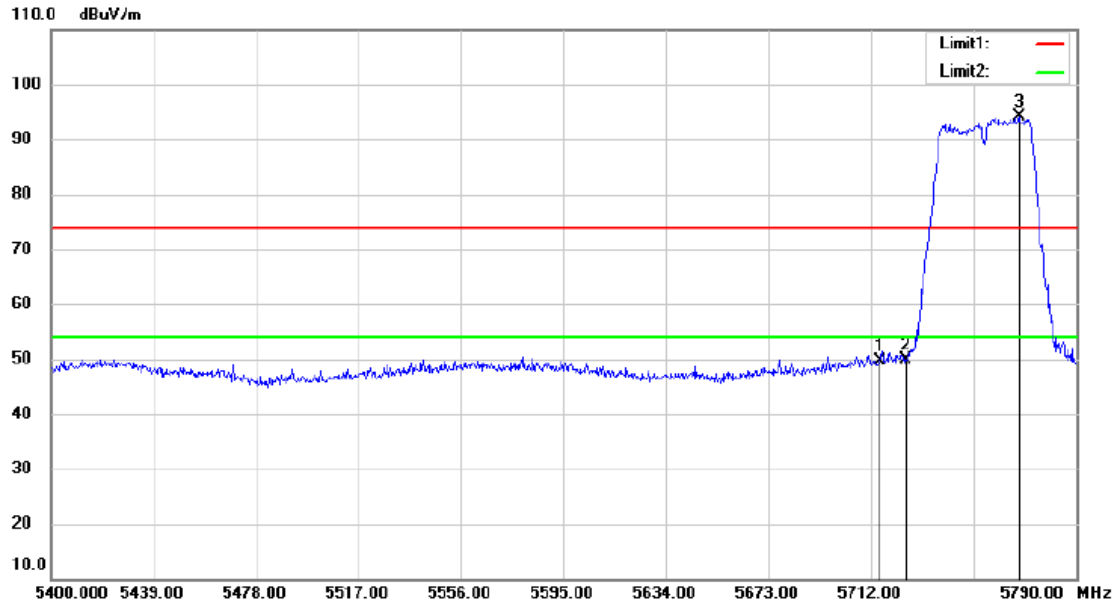
802.11 n(HT40) **Antenna A** **Channel: 151**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5715	41.82	6.84	48.66	54	-5.34	Peak	Horizontal
2	5725	41.94	6.82	48.76	54	-5.24	Peak	Horizontal
3	5758.02	78.96	6.75	85.71	54	31.71	Peak	Horizontal
1	5715	42.88	6.84	49.72	54	-4.28	Peak	Vertical
2	5725	43.17	6.82	49.99	54	-4.01	Peak	Vertical
3	5768.16	87.31	6.74	94.05	54	40.05	Peak	Vertical

Horizontal



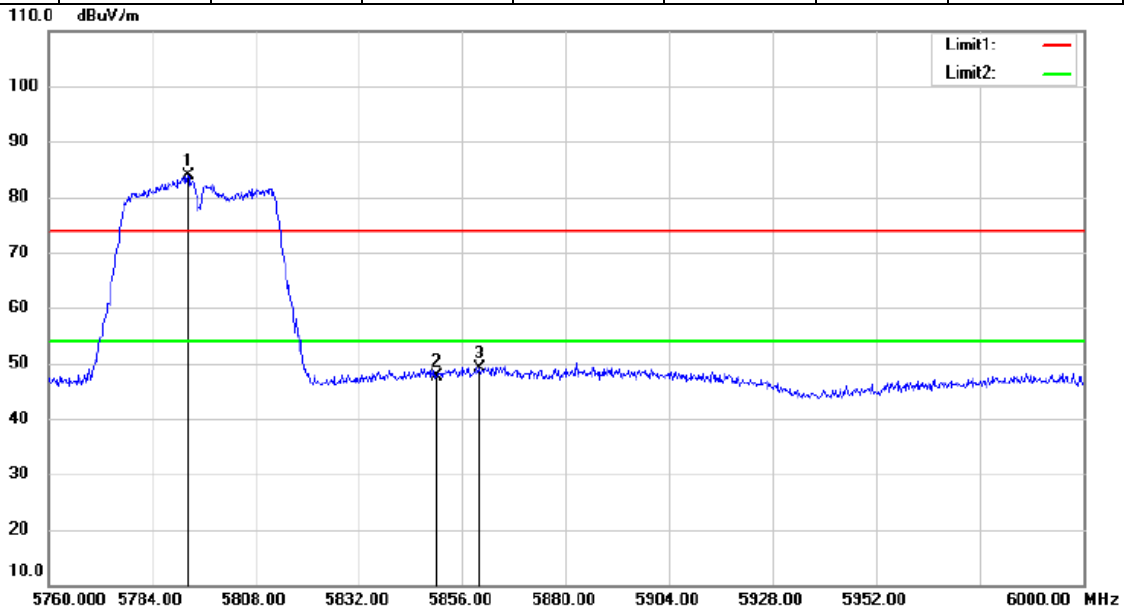
Vertical



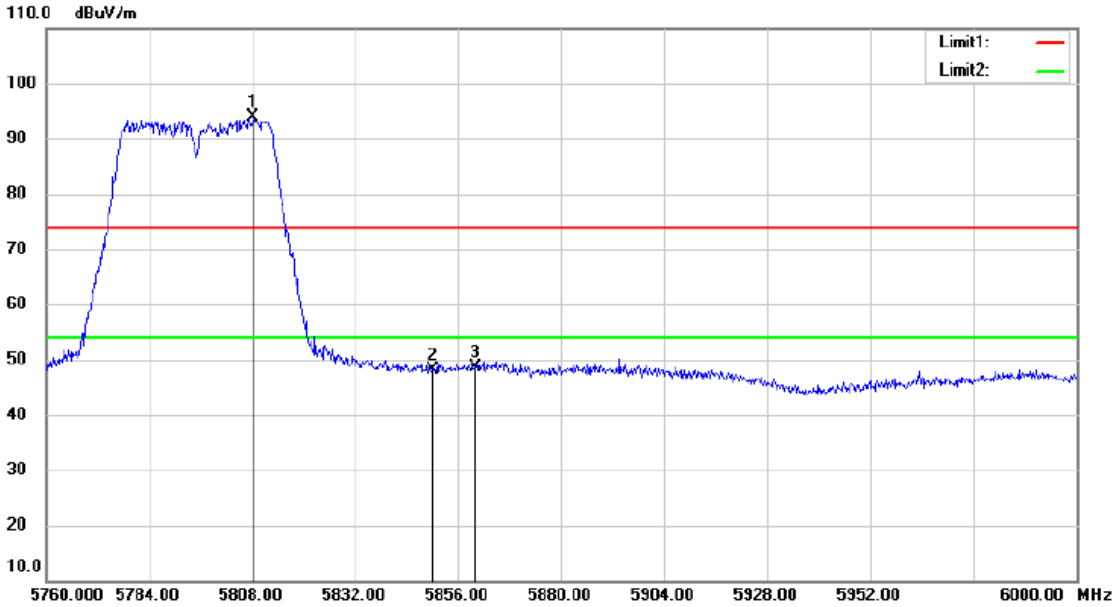
802.11 n(HT40) **Antenna A** **Channel: 159**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5792.4	77.09	6.68	83.77	54	29.77	Peak	Horizontal
2	5850	40.92	6.64	47.56	54	-6.44	Peak	Horizontal
3	5860	42.49	6.63	49.12	54	-4.88	Peak	Horizontal
1	5808.24	87.1	6.66	93.76	54	39.76	Peak	Vertical
2	5850	41.38	6.64	48.02	54	-5.98	Peak	Vertical
3	5860	41.97	6.63	48.60	54	-5.40	Peak	Vertical

Horizontal



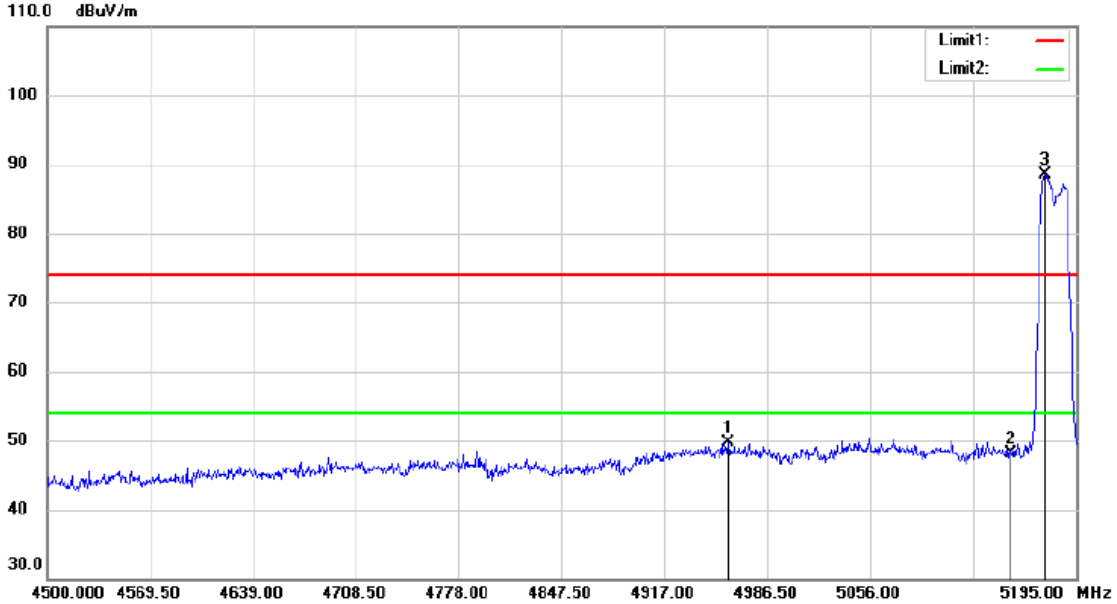
Vertical



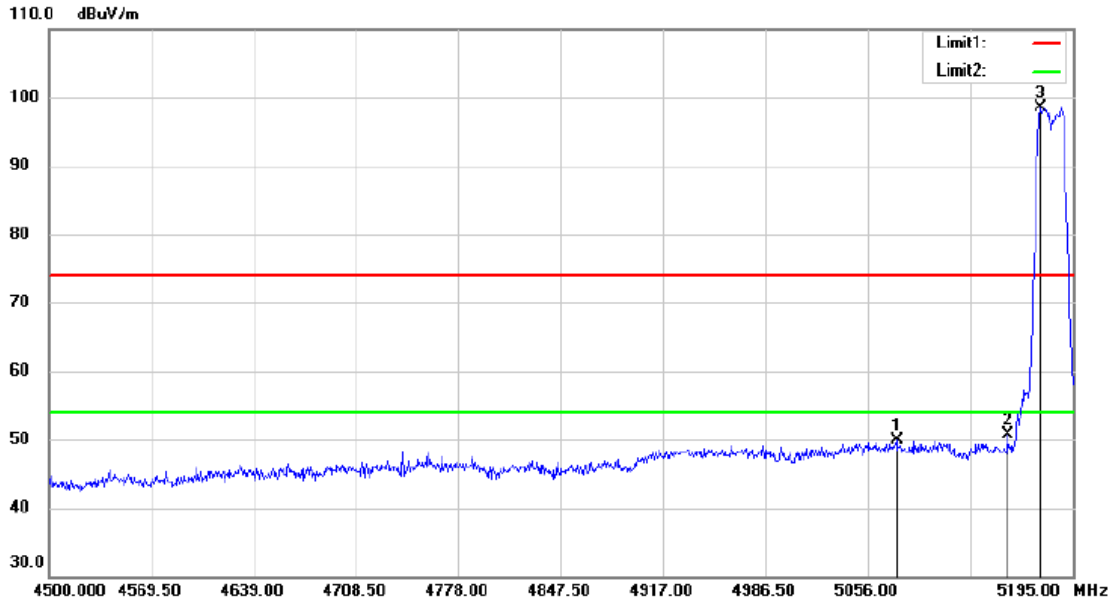
802.11 ac(VHT20) **Antenna A** **Channel: 36**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	4960.09	42.14	7.49	49.63	54	-4.37	Peak	Horizontal
2	5150	41.13	6.92	48.05	54	-5.95	Peak	Horizontal
3	5174.15	81.70	6.8	88.50	54	34.50	Peak	Horizontal
1	5075.46	42.5	7.32	49.82	54	-4.18	Peak	Vertical
2	5150	43.86	6.92	50.78	54	-3.22	Peak	Vertical
3	5172.76	91.73	6.80	98.53	54	44.53	Peak	Vertical

Horizontal



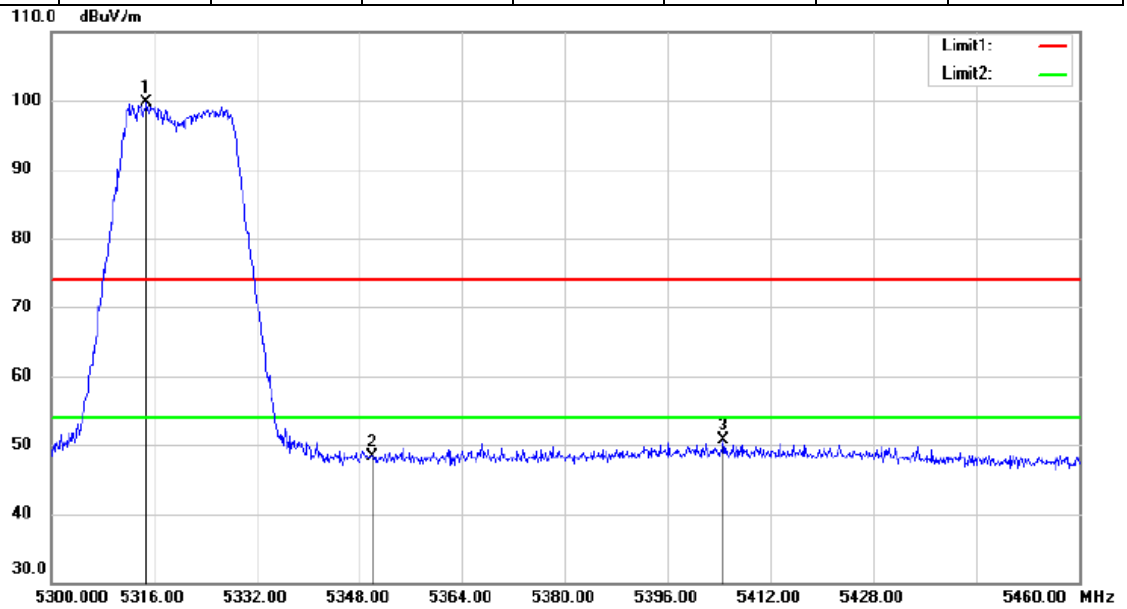
Vertical



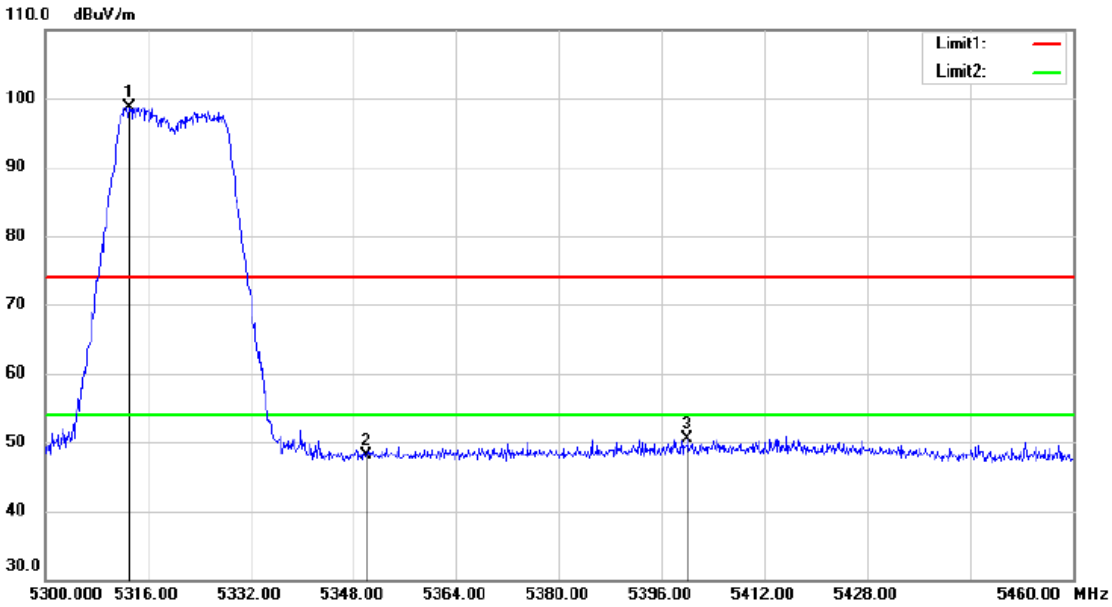
802.11 ac(VHT20) **Antenna A** **Channel: 64**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5314.88	93.00	6.74	99.74	54	45.74	Peak	Horizontal
2	5350	41.33	6.98	48.31	54	-5.69	Peak	Horizontal
3	5404.64	43.48	7.31	50.79	54	-3.21	Peak	Horizontal
1	5313.12	92.06	6.74	98.80	54	44.80	Peak	Vertical
2	5350	41.21	6.98	48.19	54	-5.81	Peak	Vertical
3	5400	43.09	7.32	50.41	54	-3.59	Peak	Vertical

Horizontal



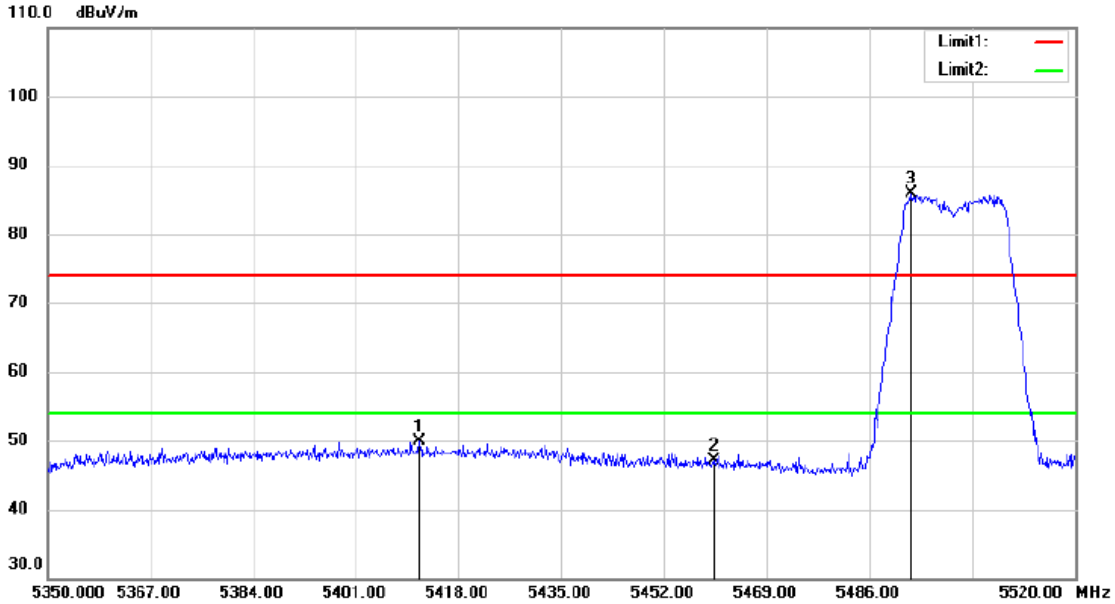
Vertical



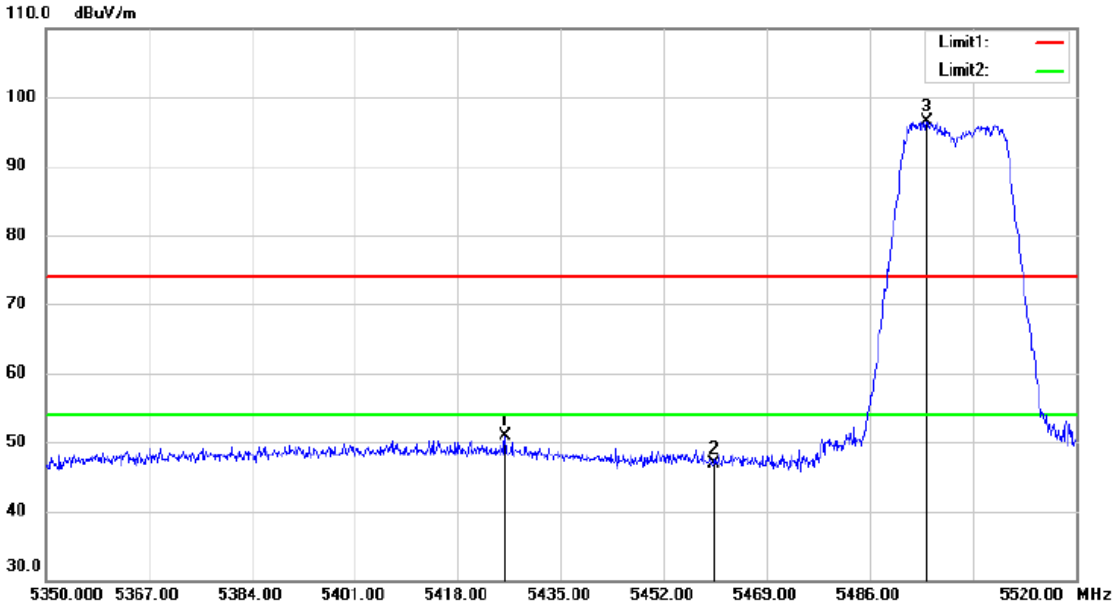
802.11 ac(VHT20) **Antenna A** **Channel: 100**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5411.54	42.59	7.28	49.87	54	-4.13	Peak	Horizontal
2	5460	40.01	7.11	47.12	54	-6.88	Peak	Horizontal
3	5492.8	78.99	6.99	85.98	54	31.98	Peak	Horizontal
1	5425.82	43.59	7.23	50.82	54	-3.18	Peak	Vertical
2	5460	39.70	7.11	46.81	54	-7.19	Peak	Vertical
3	5495.35	89.44	6.97	96.41	54	42.41	Peak	Vertical

Horizontal



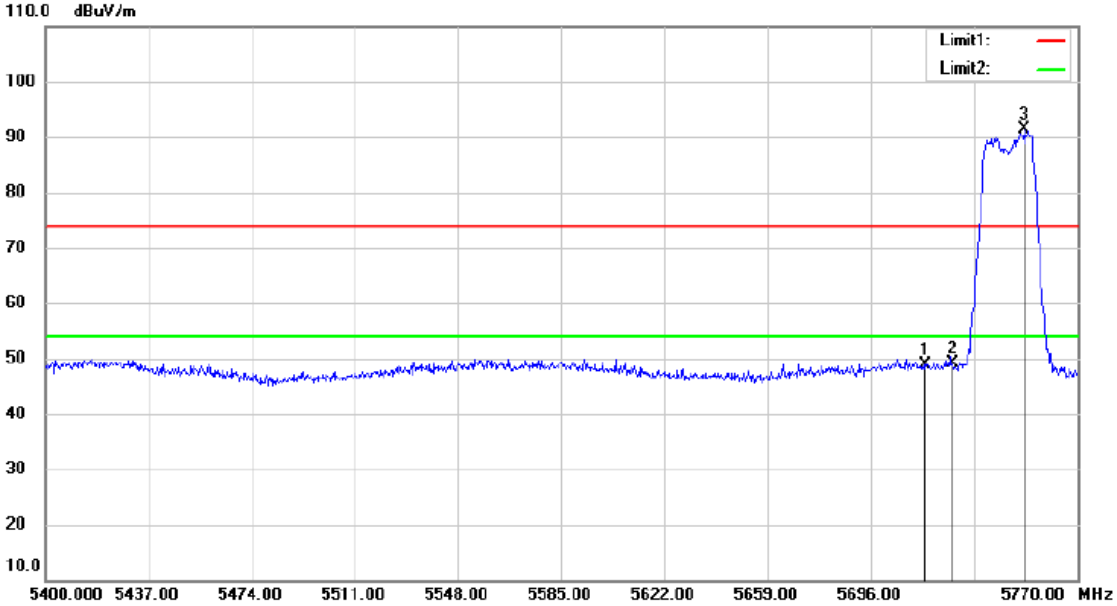
Vertical



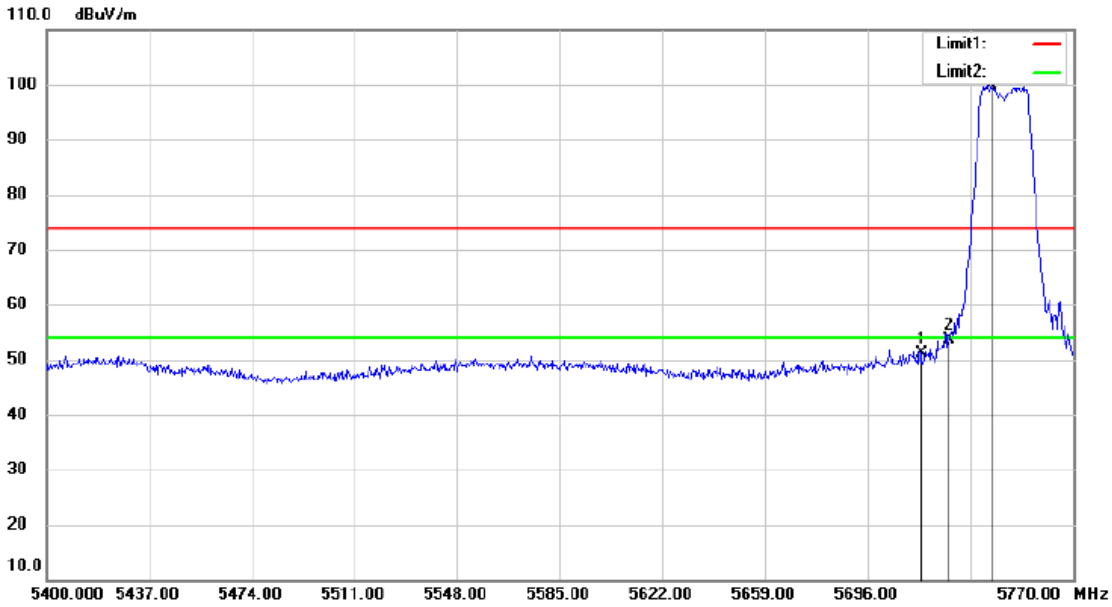
802.11 ac(VHT20) **Antenna A** **Channel: 149**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5715	41.97	6.84	48.81	54	-5.19	Peak	Horizontal
2	5725	42.37	6.82	49.19	54	-4.81	Peak	Horizontal
3	5751.13	84.60	6.77	91.37	54	37.37	Peak	Horizontal
1	5715	44.29	6.84	51.13	54	-2.87	Peak	Vertical
2	5725	46.90	6.82	53.72	54	-0.28	Peak	Vertical
3	5740.4	93.11	6.79	99.90	54	45.90	Peak	Vertical

Horizontal



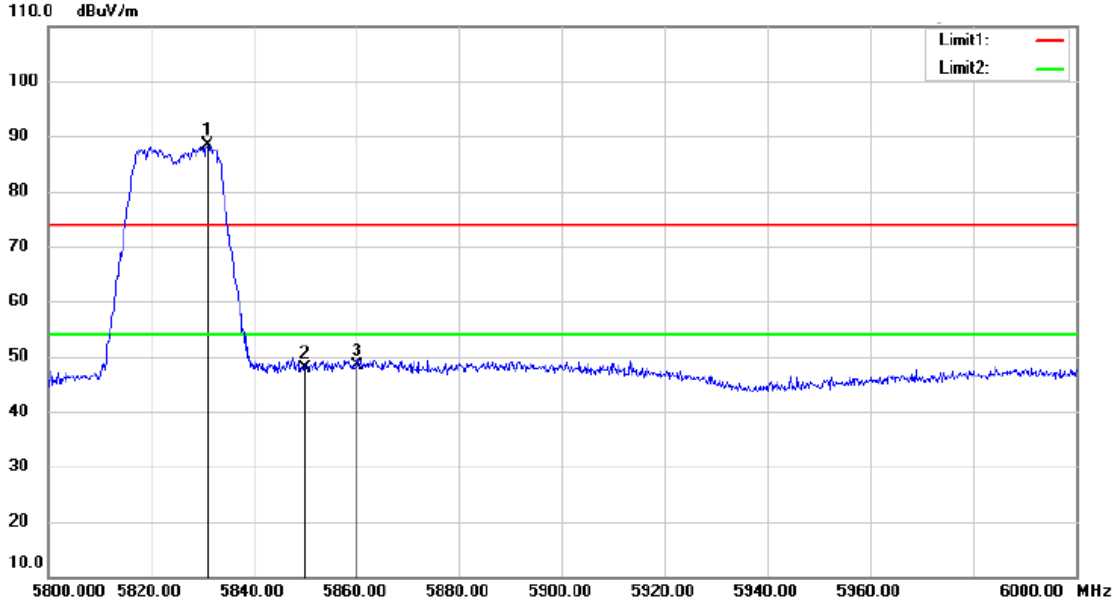
Vertical



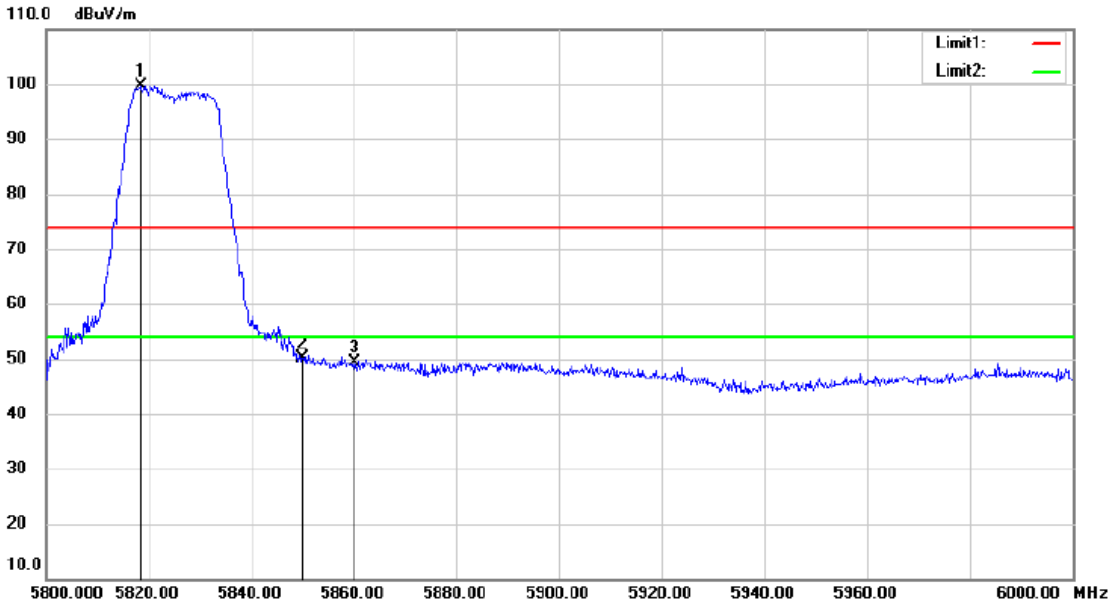
802.11 ac(VHT20) **Antenna A** **Channel: 165**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5831	81.73	6.66	88.39	54	34.39	Peak	Horizontal
2	5850	41.25	6.64	47.89	54	-6.11	Peak	Horizontal
3	5860	41.69	6.63	48.32	54	-5.68	Peak	Horizontal
1	5818.6	93.04	6.66	99.70	54	45.70	Peak	Vertical
2	5850	43.58	6.64	50.22	54	-3.78	Peak	Vertical
3	5860	42.76	6.63	49.39	54	-4.61	Peak	Vertical

Horizontal



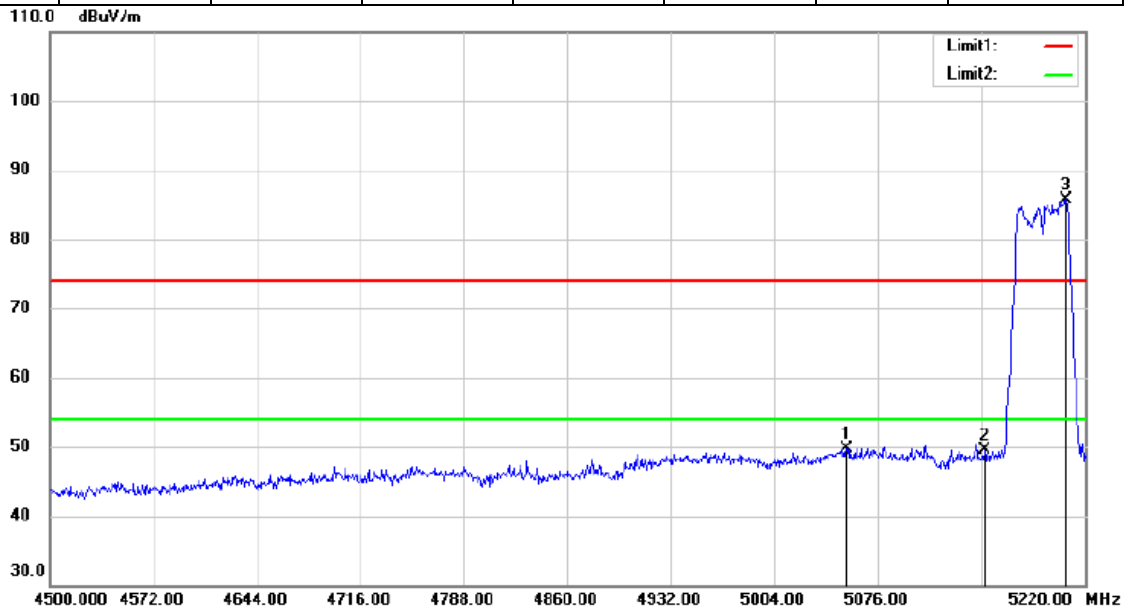
Vertical



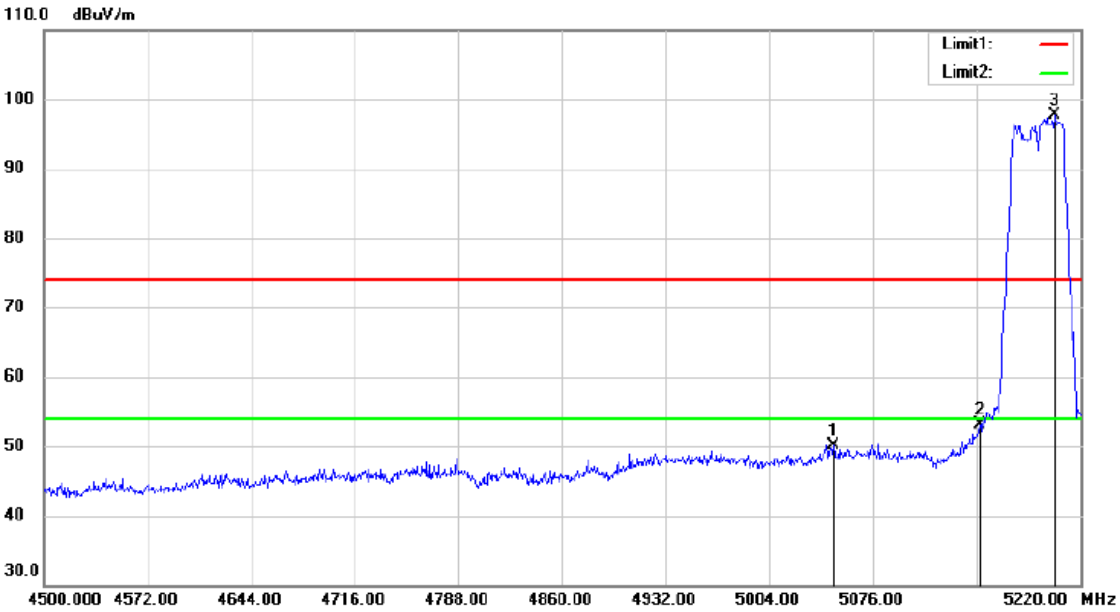
802.11 ac(VHT40) **Antenna A** **Channel: 38**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5054.4	42.29	7.43	49.72	54	-4.28	Peak	Horizontal
2	5150	42.65	6.92	49.57	54	-4.43	Peak	Horizontal
3	5207.04	79.16	6.64	85.80	54	31.80	Peak	Horizontal
1	5048.64	42.71	7.46	50.17	54	-3.83	Peak	Vertical
2	5150	46.13	6.92	53.05	54	-0.95	Peak	Vertical
3	5202	91.09	6.65	97.74	54	43.74	Peak	Vertical

Horizontal



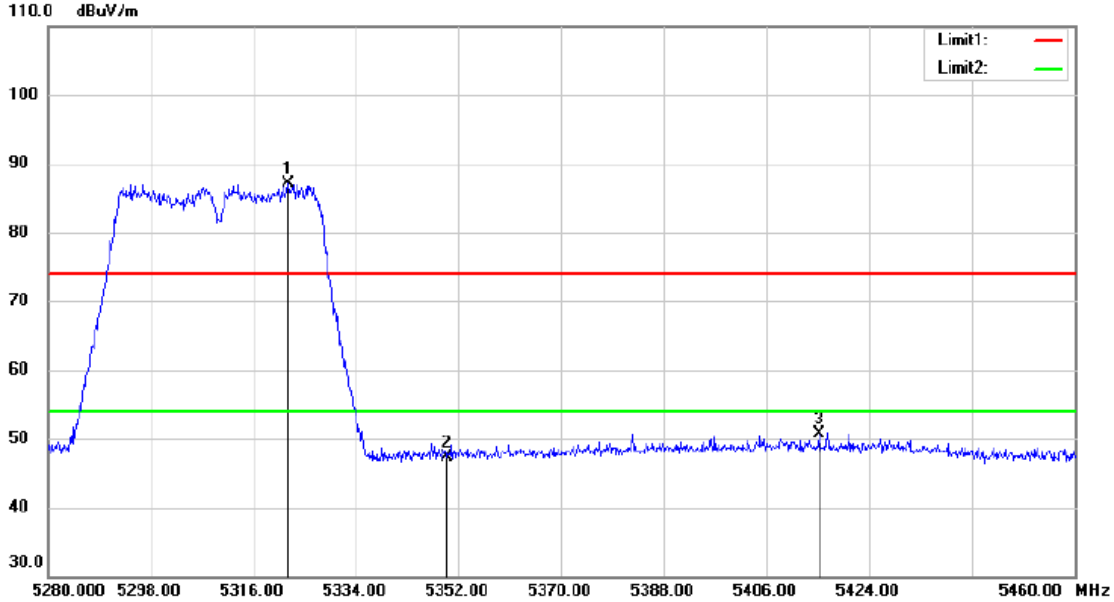
Vertical



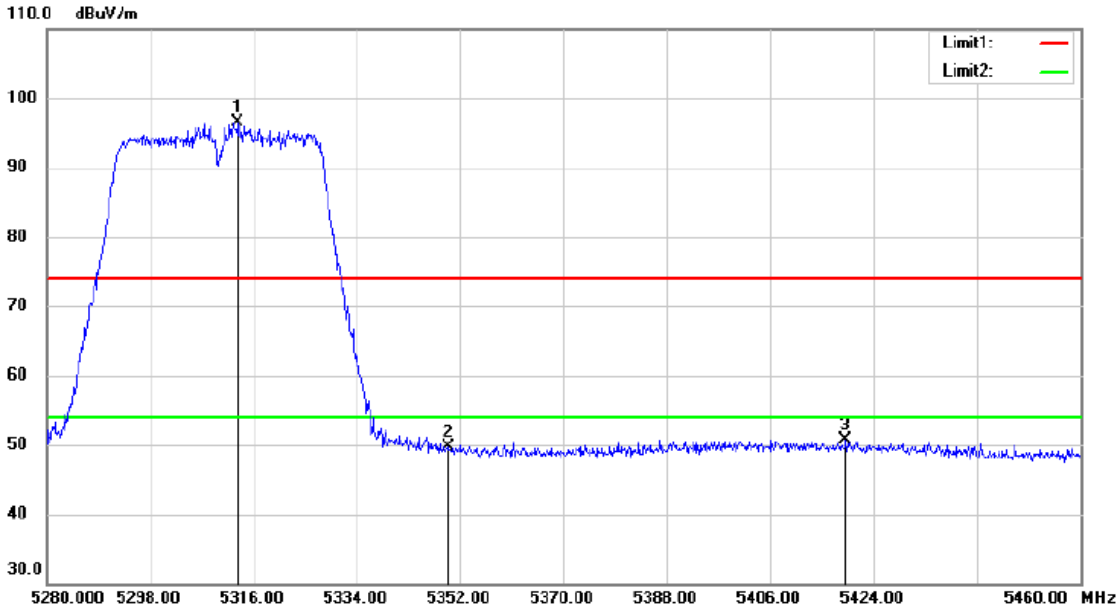
802.11 ac(VHT40) **Antenna A** **Channel: 62**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5322.12	80.29	6.8	87.09	54	33.09	Peak	Horizontal
2	5350	40.24	6.98	47.22	54	-6.78	Peak	Horizontal
3	5415.18	43.48	7.26	50.74	54	-3.26	Peak	Horizontal
1	5313.3	89.77	6.74	96.51	54	42.51	Peak	Vertical
2	5350	42.75	6.98	49.73	54	-4.27	Peak	Vertical
3	5419.14	43.48	7.25	50.73	54	-3.27	Peak	Vertical

Horizontal



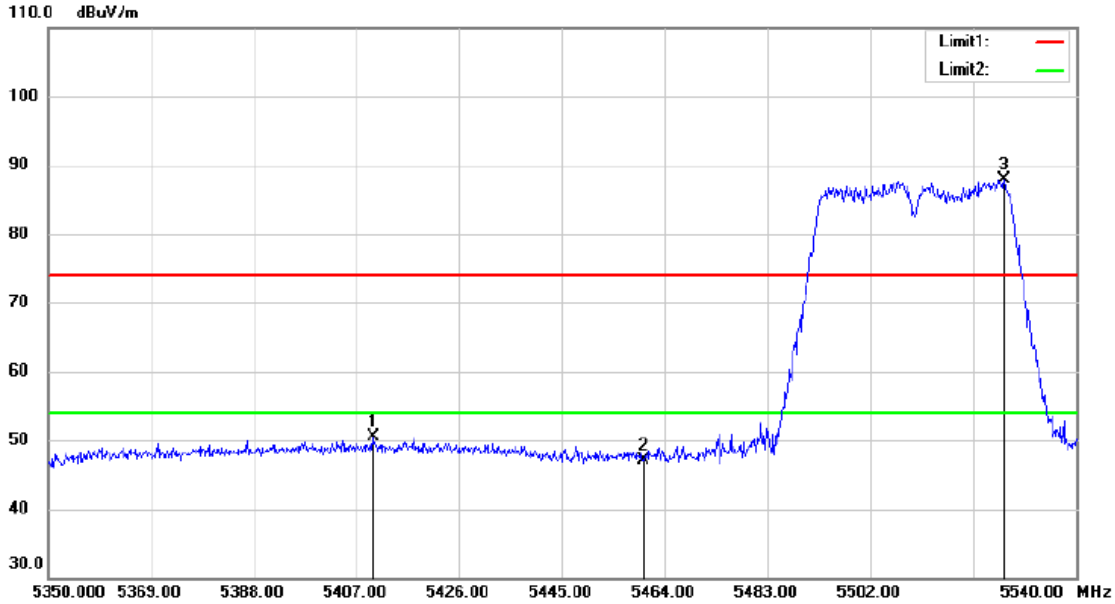
Vertical



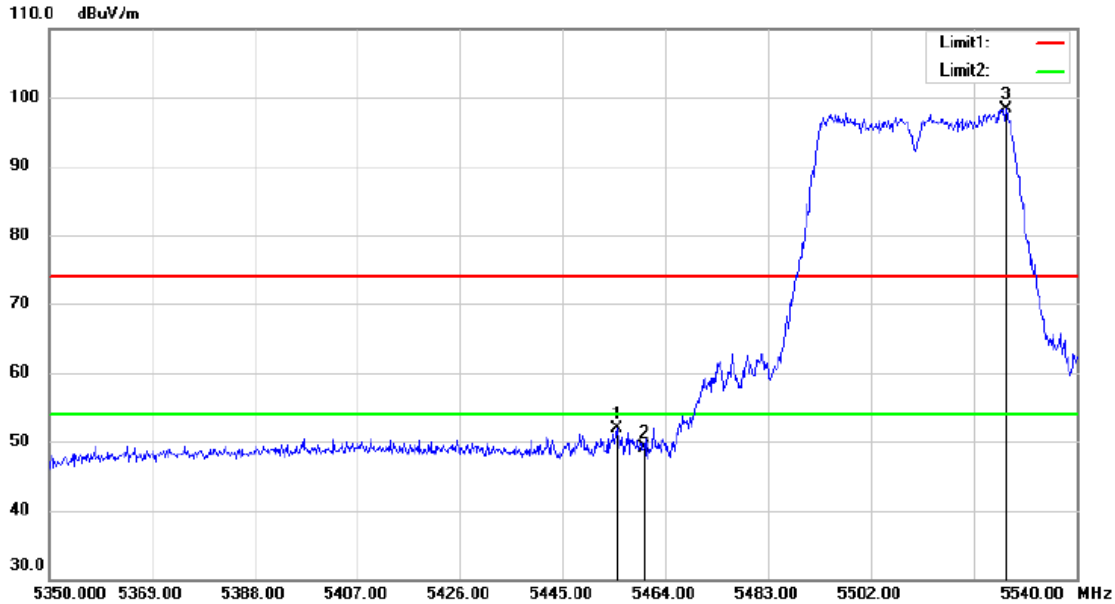
802.11 ac(VHT40) **Antenna A** **Channel: 102**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5410.04	43.13	7.29	50.42	54	-3.58	Peak	Horizontal
2	5460	39.90	7.11	47.01	54	-6.99	Peak	Horizontal
3	5526.7	80.95	6.91	87.86	54	33.86	Peak	Horizontal
1	5454.88	44.75	7.13	51.88	54	-2.12	Peak	Vertical
2	5460	41.92	7.11	49.03	54	-4.97	Peak	Vertical
3	5526.89	91.44	6.91	98.35	54	44.35	Peak	Vertical

Horizontal



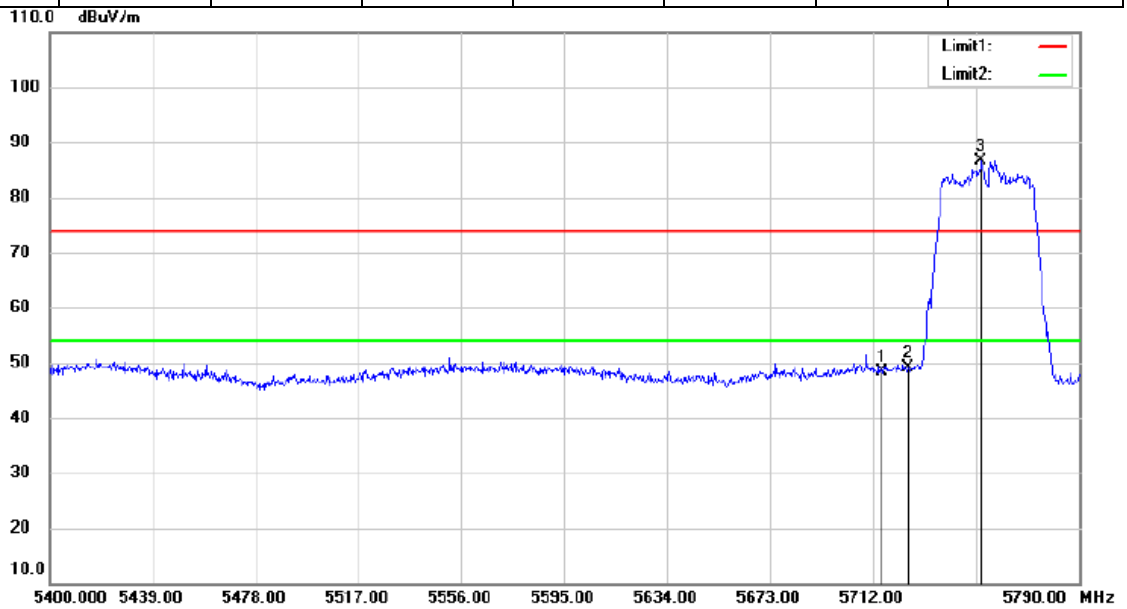
Vertical



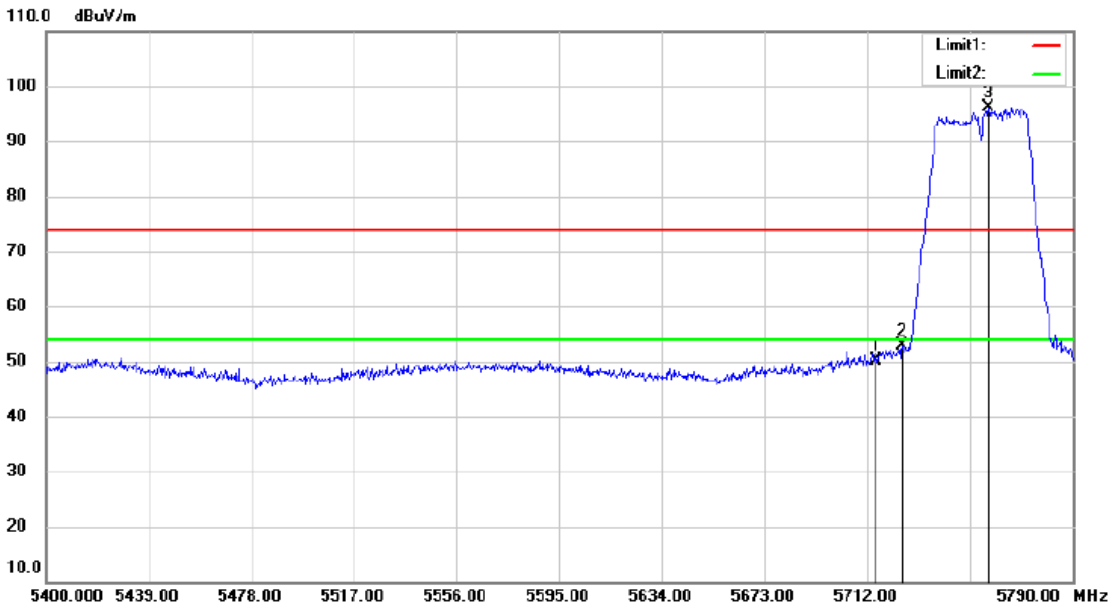
802.11 ac(VHT40) **Antenna A** **Channel: 151**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5715	41.58	6.84	48.42	54	-5.58	Peak	Horizontal
2	5725	42.31	6.82	49.13	54	-4.87	Peak	Horizontal
3	5752.95	79.93	6.77	86.70	54	32.70	Peak	Horizontal
1	5715	43.18	6.84	50.02	54	-3.98	Peak	Vertical
2	5725	46.16	6.82	52.98	54	-1.02	Peak	Vertical
3	5758.02	89.32	6.75	96.07	54	42.07	Peak	Vertical

Horizontal



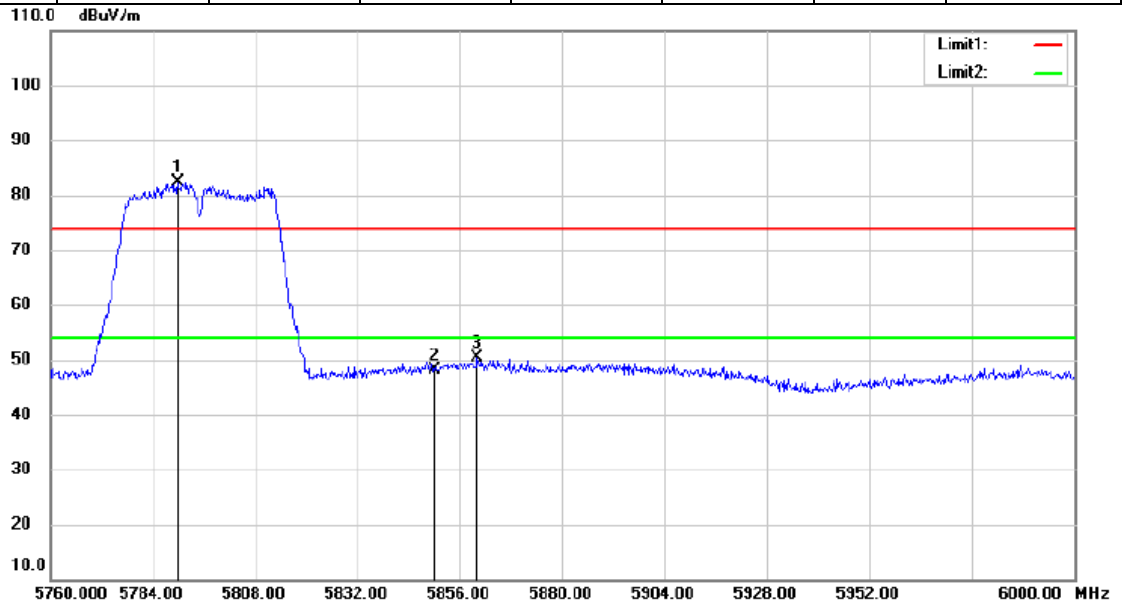
Vertical



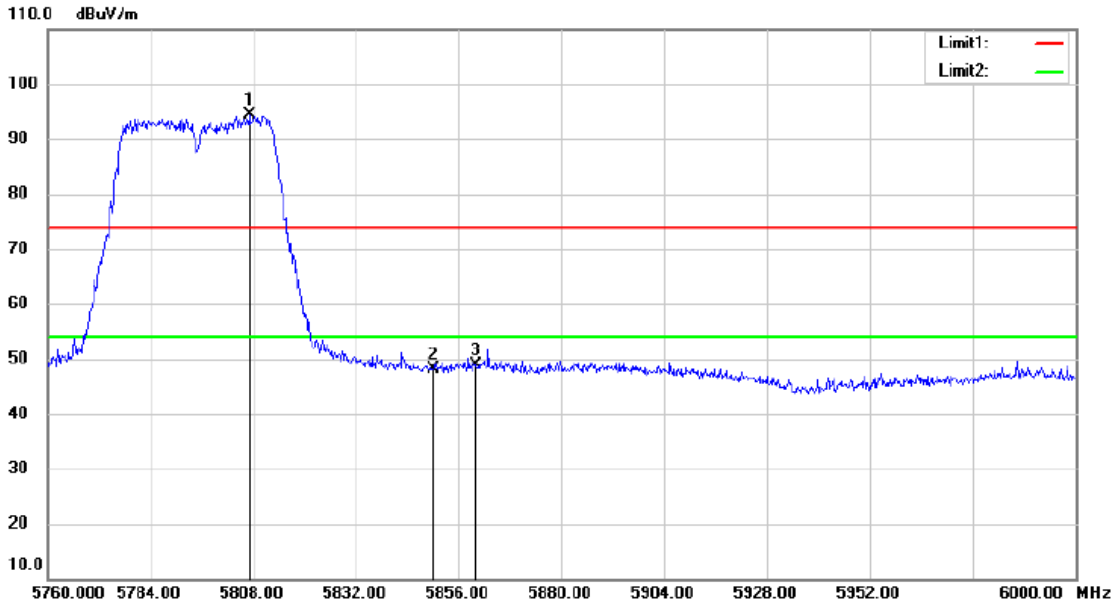
802.11 ac(VHT40) **Antenna A** **Channel: 159**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5789.76	75.76	6.69	82.45	54	28.45	Peak	Horizontal
2	5850	41.46	6.64	48.10	54	-5.90	Peak	Horizontal
3	5860	43.67	6.63	50.30	54	-3.70	Peak	Horizontal
1	5807.04	87.65	6.66	94.31	54	40.31	Peak	Vertical
2	5850	41.44	6.64	48.08	54	-5.92	Peak	Vertical
3	5860	42.35	6.63	48.98	54	-5.02	Peak	Vertical

Horizontal



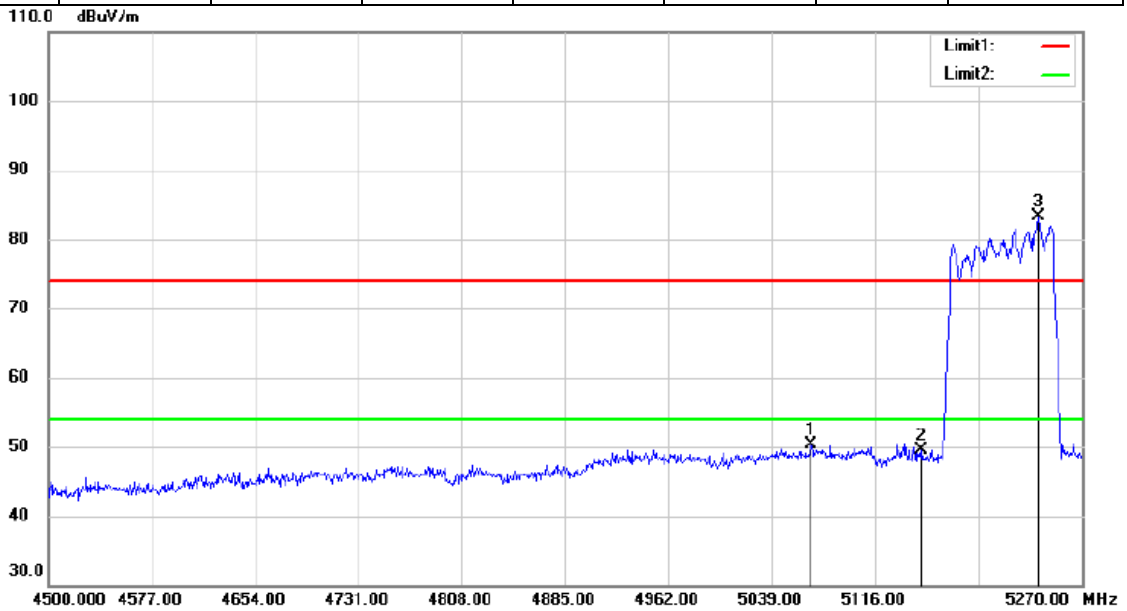
Vertical



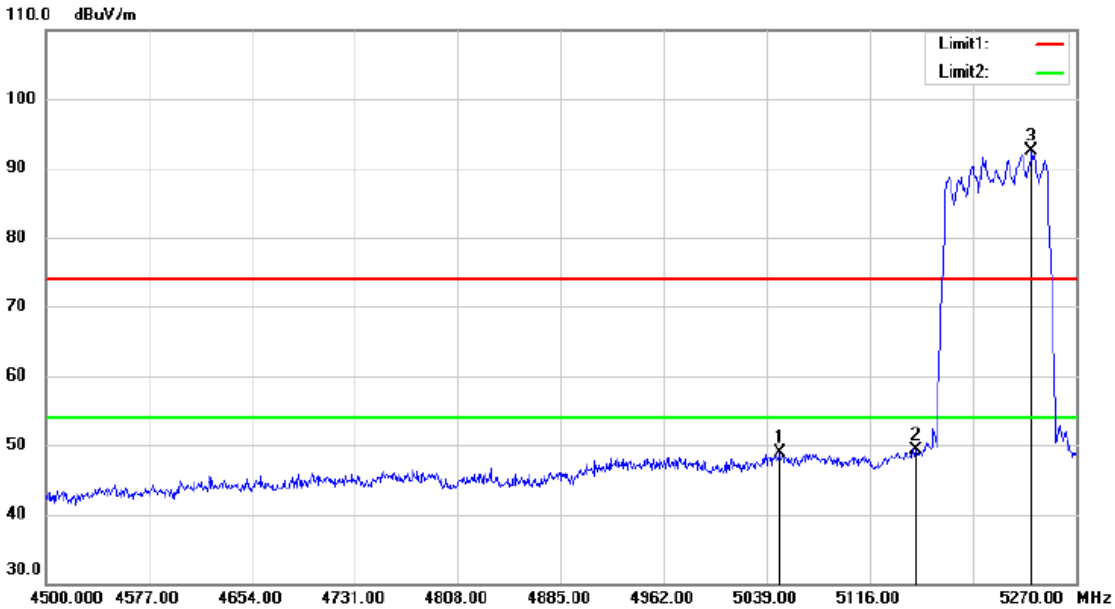
802.11 ac(VHT80) **Antenna A** **Channel: 42**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5068.26	43.03	7.35	50.38	54	-3.62	Peak	Horizontal
2	5150	42.56	6.92	49.48	54	-4.52	Peak	Horizontal
3	5237.66	76.65	6.65	83.30	54	29.30	Peak	Horizontal
1	5048.24	41.39	7.46	48.85	54	-5.15	Peak	Vertical
2	5150	42.43	6.92	49.35	54	-4.65	Peak	Vertical
3	5236.89	85.81	6.65	92.46	54	38.46	Peak	Vertical

Horizontal



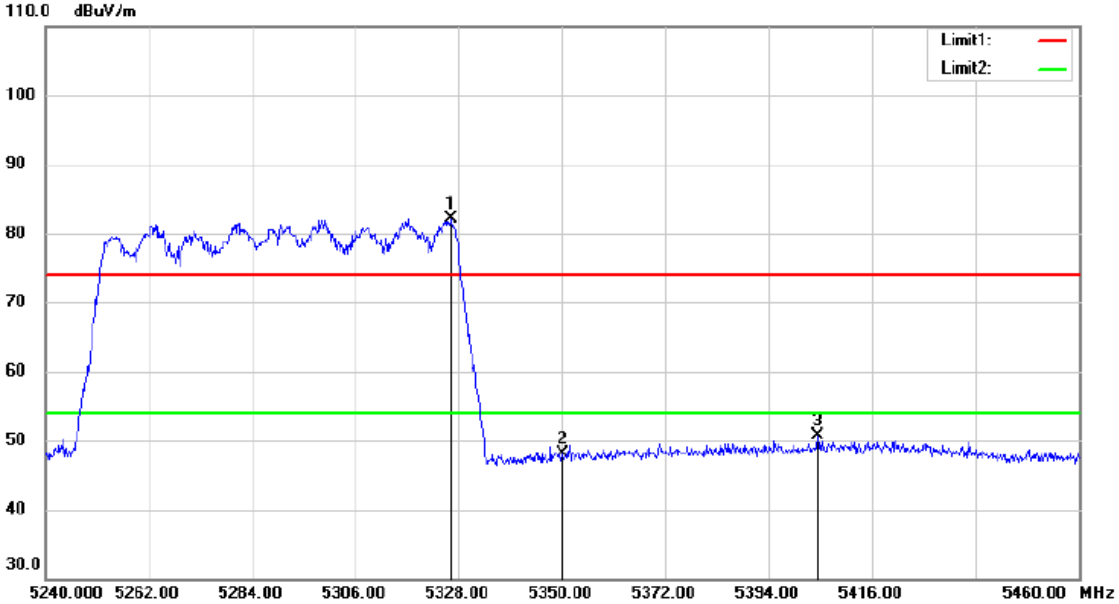
Vertical



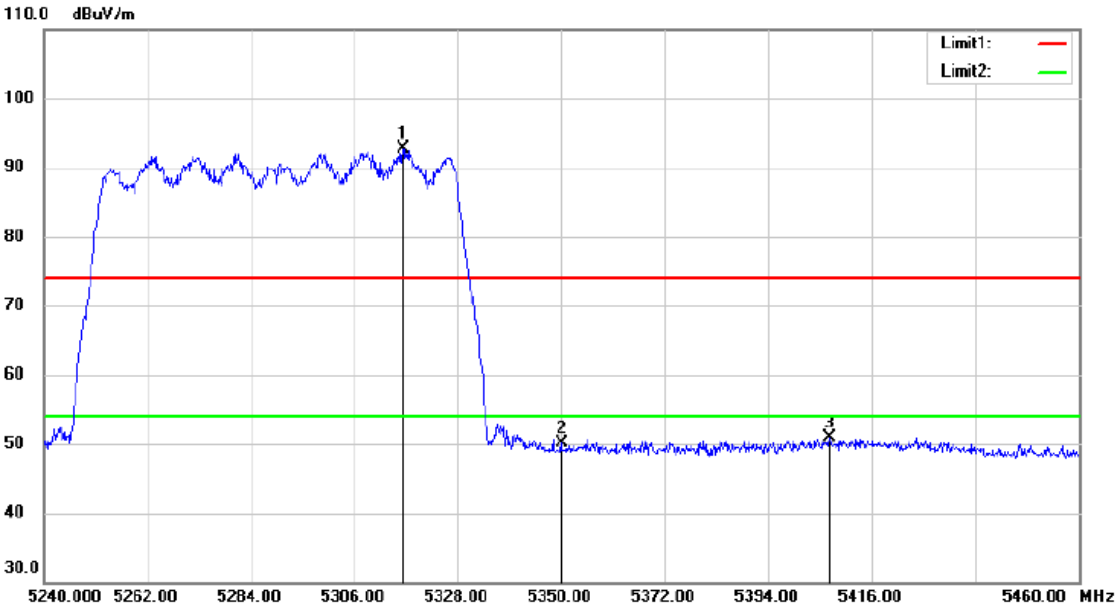
802.11 ac(VHT80) **Antenna A** **Channel: 58**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5326.46	75.25	6.82	82.07	54	28.07	Peak	Horizontal
2	5350	41.03	6.98	48.01	54	-5.99	Peak	Horizontal
3	5404.34	43.45	7.31	50.76	54	-3.24	Peak	Horizontal
1	5316.34	85.94	6.76	92.70	54	38.70	Peak	Vertical
2	5350	43.17	6.98	50.15	54	-3.85	Peak	Vertical
3	5406.98	43.58	7.30	50.88	54	-3.12	Peak	Vertical

Horizontal



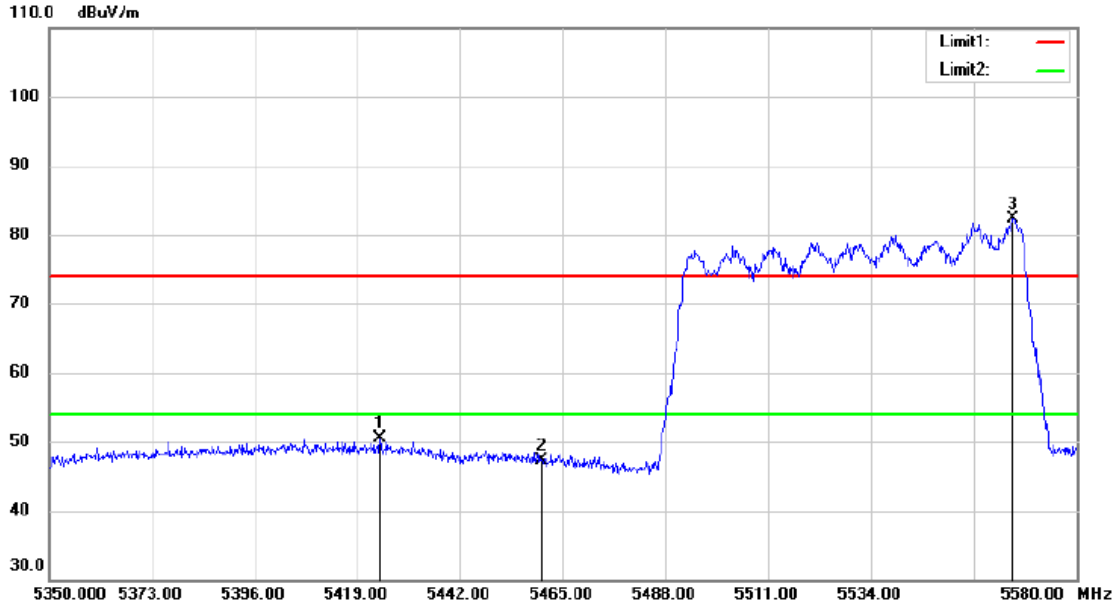
Vertical



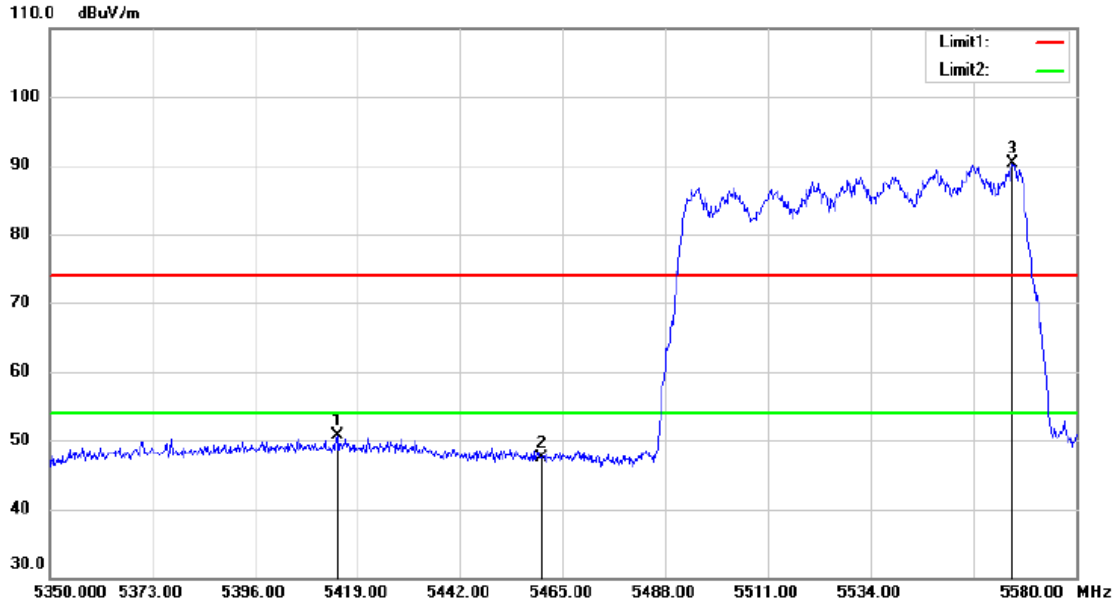
802.11 ac(VHT80) **Antenna A** **Channel: 106**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5424.06	43.17	7.24	50.41	54	-3.59	Peak	Horizontal
2	5460	40.13	7.11	47.24	54	-6.76	Peak	Horizontal
3	5565.74	75.48	6.84	82.32	54	28.32	Peak	Horizontal
1	5414.63	43.38	7.26	50.64	54	-3.36	Peak	Vertical
2	5460	40.42	7.11	47.53	54	-6.47	Peak	Vertical
3	5565.74	83.44	6.84	90.28	54	36.28	Peak	Vertical

Horizontal



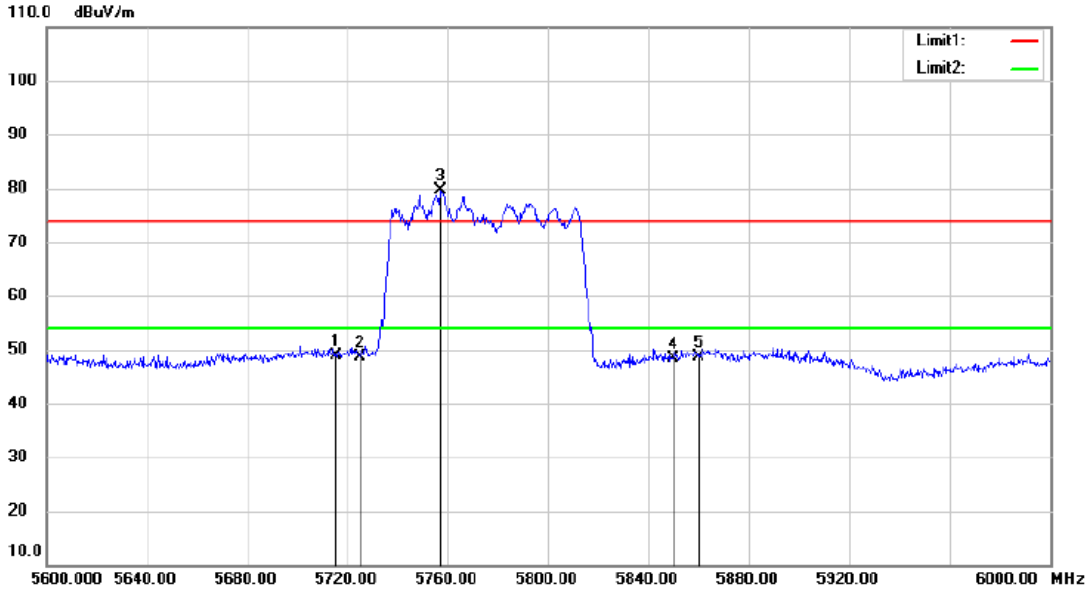
Vertical



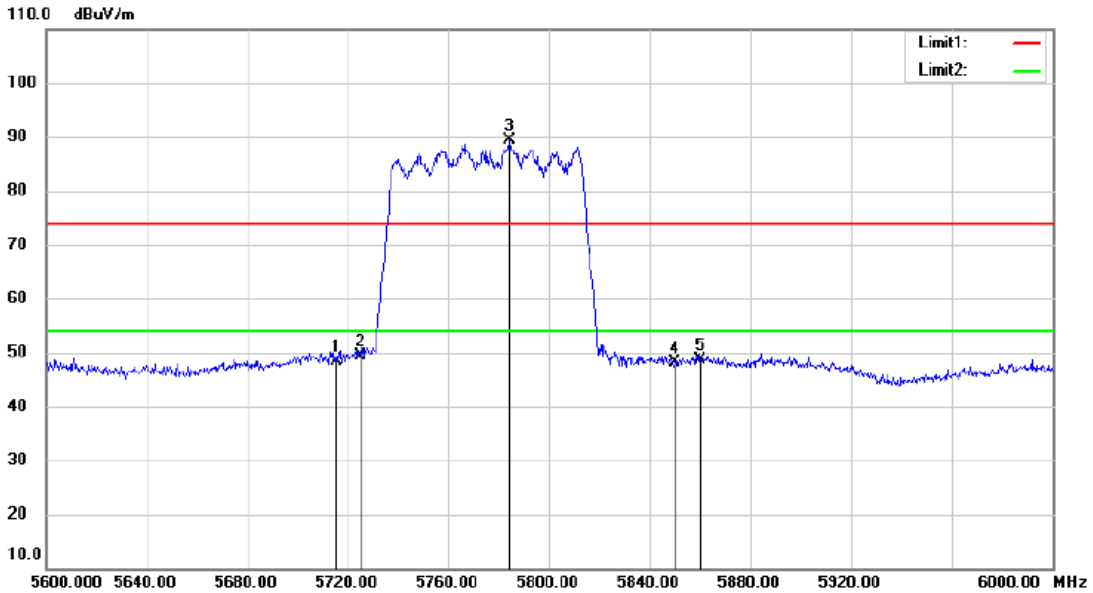
802.11 ac(VHT80) **Antenna A** **Channel: 155**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5715	42.03	6.84	48.87	54	-5.13	Peak	Horizontal
2	5725	41.86	6.82	48.68	54	-5.32	Peak	Horizontal
3	5757.2	72.81	6.75	79.56	54	25.56	Peak	Horizontal
4	5850	41.62	6.64	48.26	54	-5.74	Peak	Horizontal
5	5860	42.03	6.63	48.66	54	-5.34	Peak	Horizontal
1	5715	41.50	6.84	48.34	54	-5.66	Peak	Vertical
2	5725	42.58	6.82	49.40	54	-4.60	Peak	Vertical
3	5784.4	82.65	6.70	89.35	54	35.35	Peak	Vertical
4	5850	41.59	6.64	48.23	54	-5.77	Peak	Vertical
5	5860	41.93	6.63	48.56	54	-5.44	Peak	Vertical

Horizontal



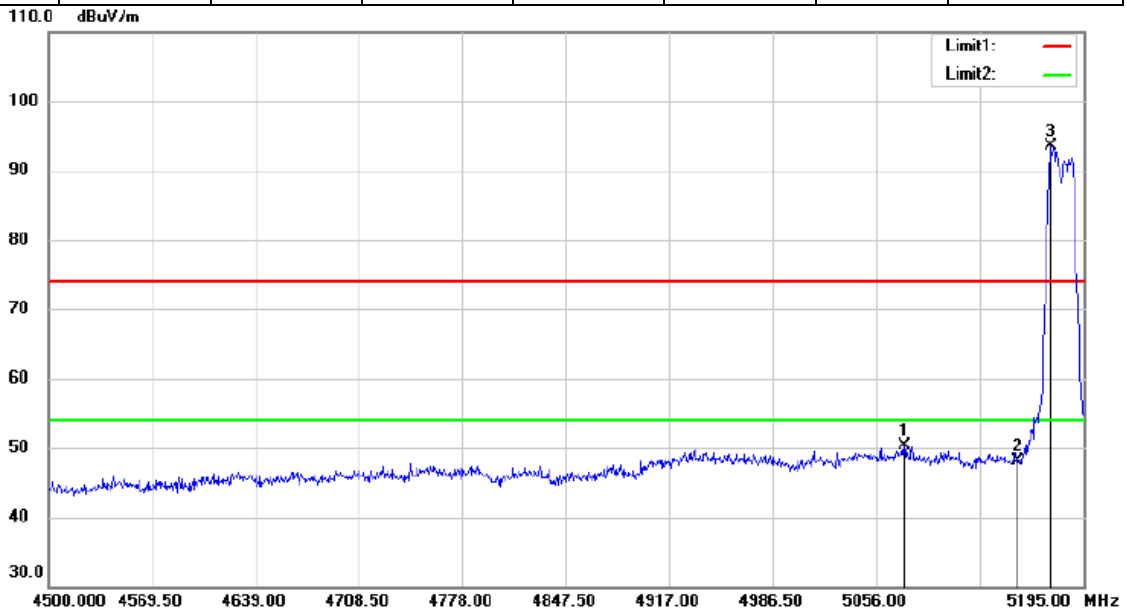
Vertical



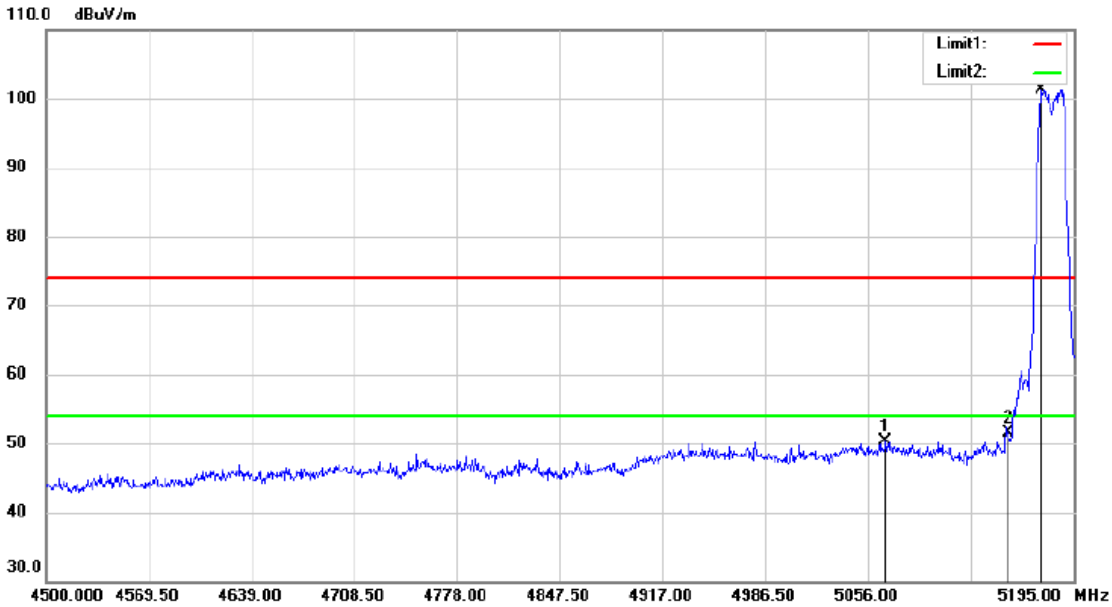
802.11 a **Antenna B** **Channel: 36**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5074.765	43.01	7.33	50.34	54	-3.66	Peak	Horizontal
2	5150	41.17	6.92	48.09	54	-5.91	Peak	Horizontal
3	5173.455	86.75	6.80	93.55	54	39.55	Peak	Horizontal
1	5067.815	42.89	7.37	50.26	54	-3.74	Peak	Vertical
2	5150	44.58	6.92	51.50	54	-2.50	Peak	Vertical
3	5173.455	94.59	6.8	101.39	54	47.39	Peak	Vertical

Horizontal



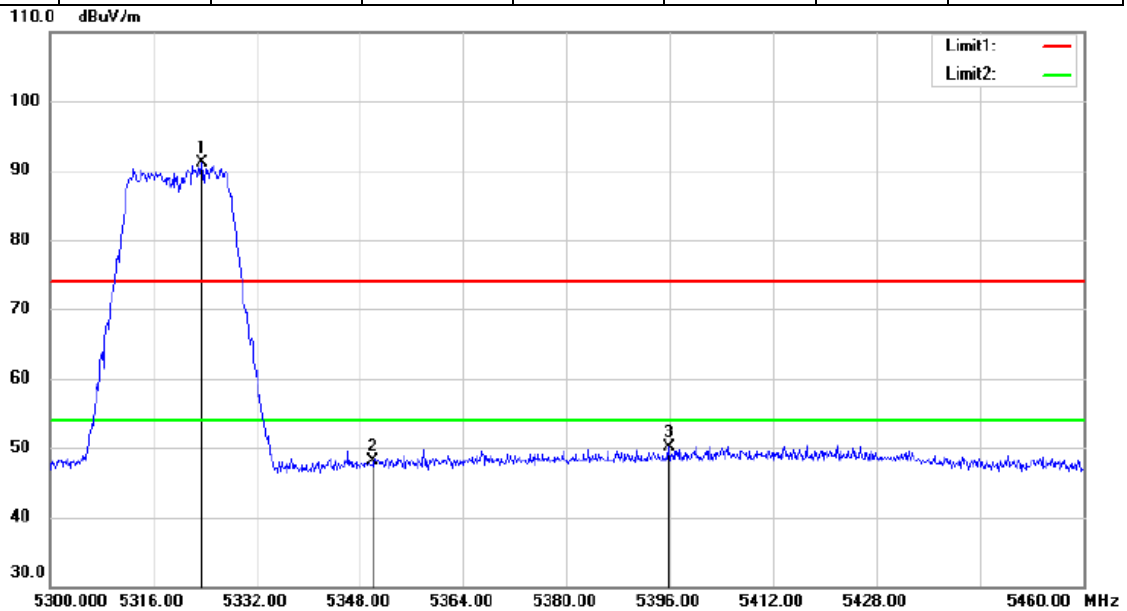
Vertical



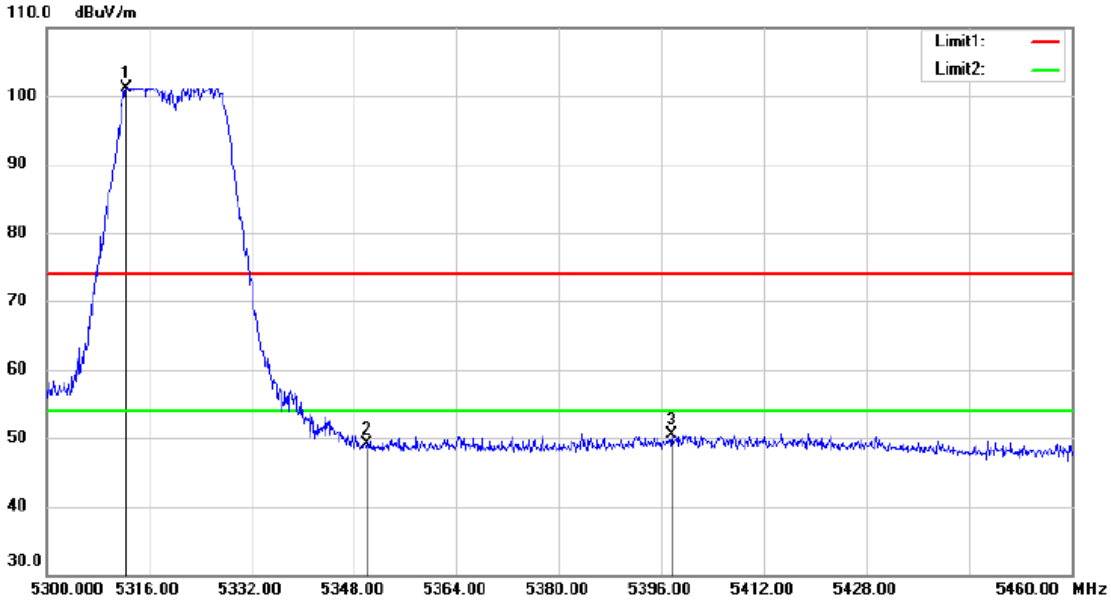
802.11 a **Antenna B** **Channel: 64**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5323.52	84.35	6.81	91.16	54	37.16	Peak	Horizontal
2	5350	41.12	6.98	48.10	54	-5.90	Peak	Horizontal
3	5395.84	42.90	7.29	50.19	54	-3.81	Peak	Horizontal
1	5312.48	94.46	6.73	101.19	54	47.19	Peak	Vertical
2	5350	42.12	6.98	49.10	54	-4.90	Peak	Vertical
3	5397.6	43.27	7.31	50.58	54	-3.42	Peak	Vertical

Horizontal



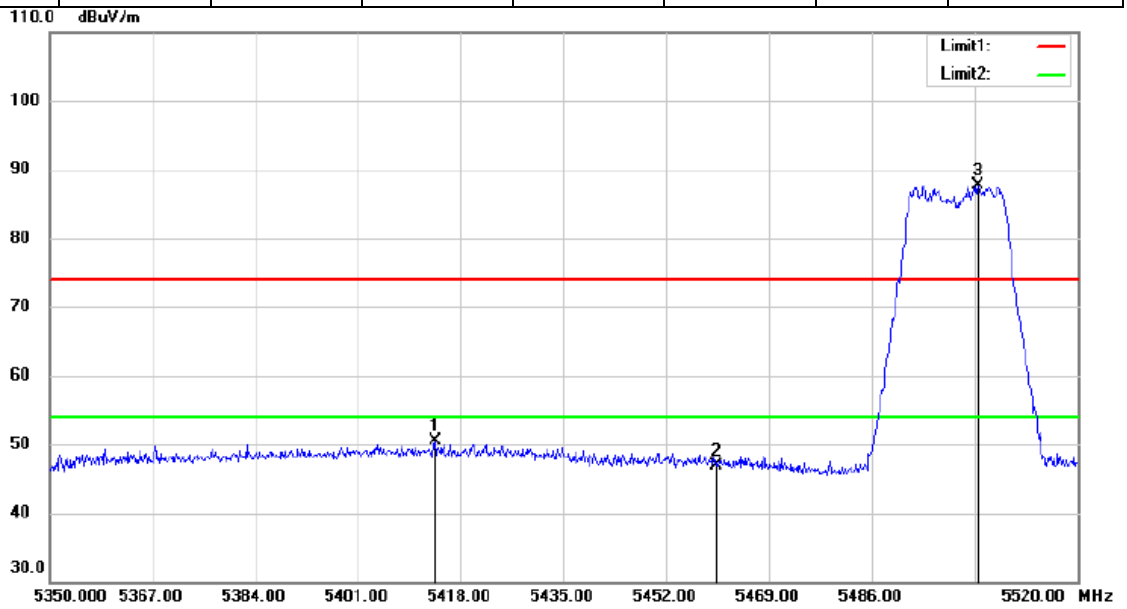
Vertical



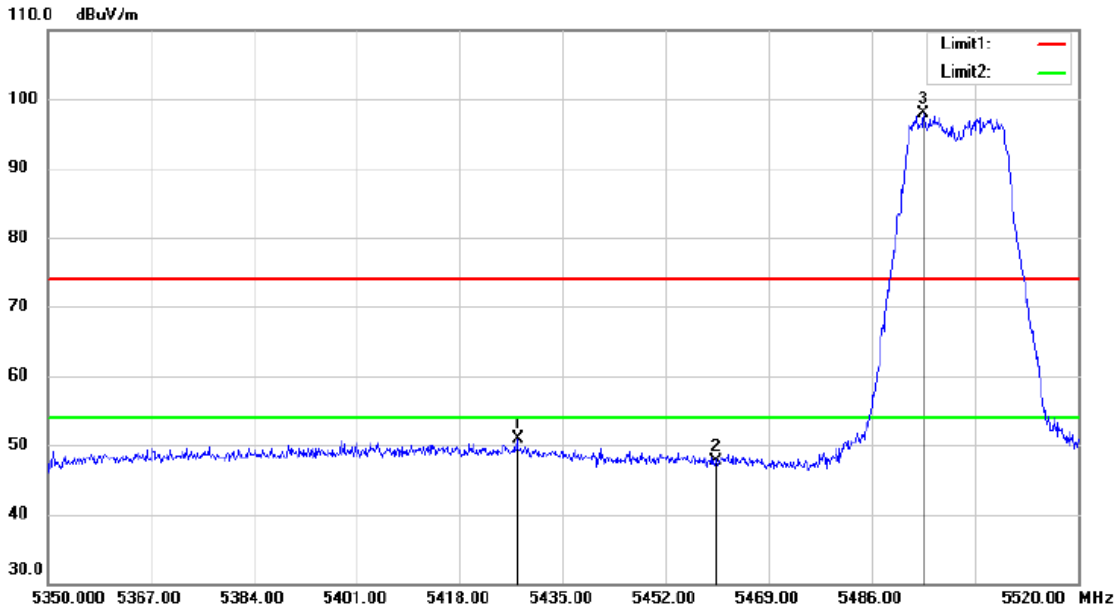
802.11 a **Antenna B** **Channel: 100**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5413.75	43.20	7.27	50.47	54	-3.53	Peak	Horizontal
2	5460	39.86	7.11	46.97	54	-7.03	Peak	Horizontal
3	5503.51	80.78	6.95	87.73	54	33.73	Peak	Horizontal
1	5427.52	43.63	7.21	50.84	54	-3.16	Peak	Vertical
2	5460	40.66	7.11	47.77	54	-6.23	Peak	Vertical
3	5494.5	90.99	6.98	97.97	54	43.97	Peak	Vertical

Horizontal



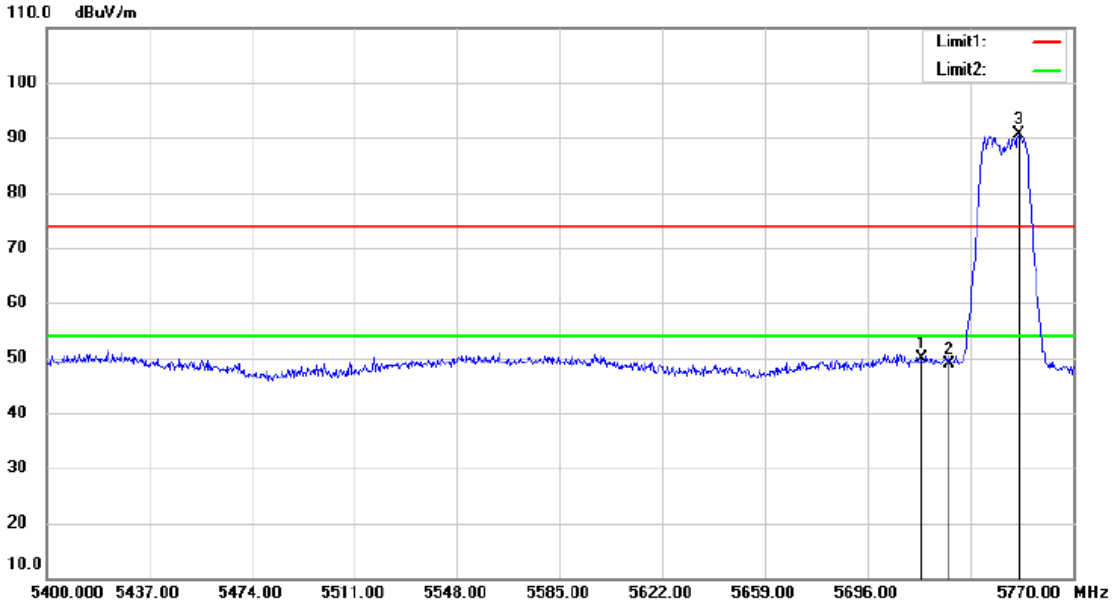
Vertical



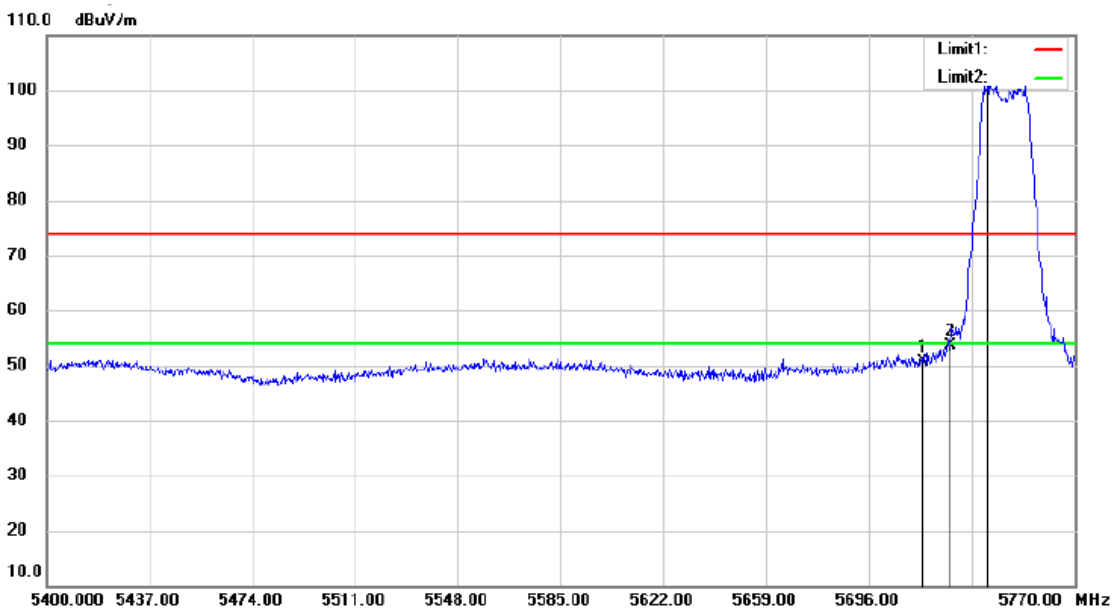
802.11 a **Antenna A** **Channel: 149**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5715	42.97	6.84	49.81	54	-4.19	Peak	Horizontal
2	5725	42.13	6.82	48.95	54	-5.05	Peak	Horizontal
3	5750.39	83.92	6.77	90.69	54	36.69	Peak	Horizontal
1	5715	43.87	6.84	50.71	54	-3.29	Peak	Vertical
2	5725	46.69	6.82	53.51	54	-0.49	Peak	Vertical
3	5738.55	93.82	6.80	100.62	54	46.62	Peak	Vertical

Horizontal



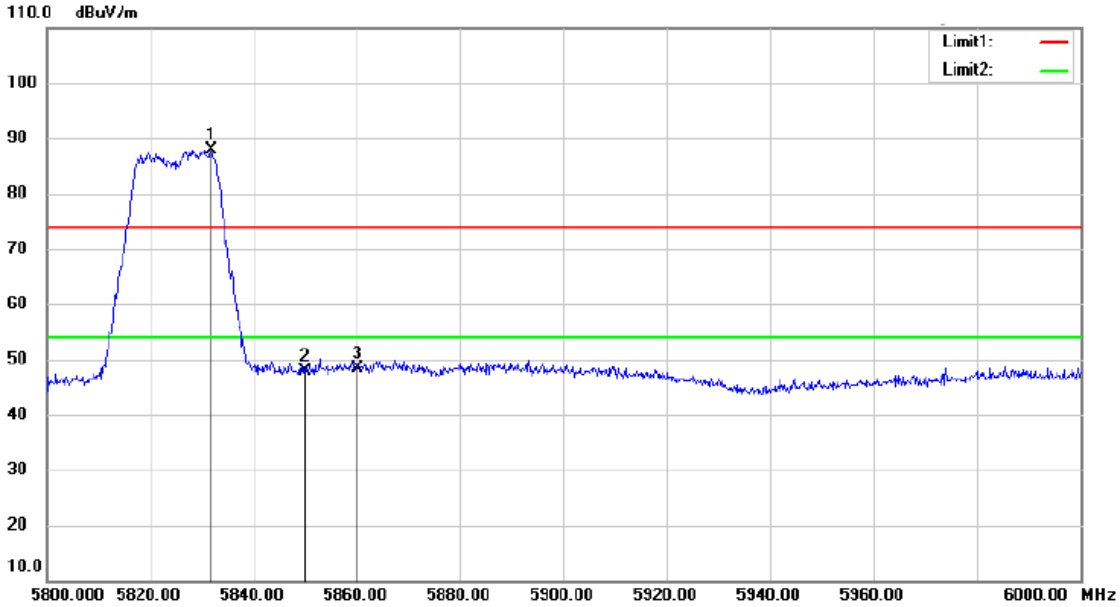
Vertical



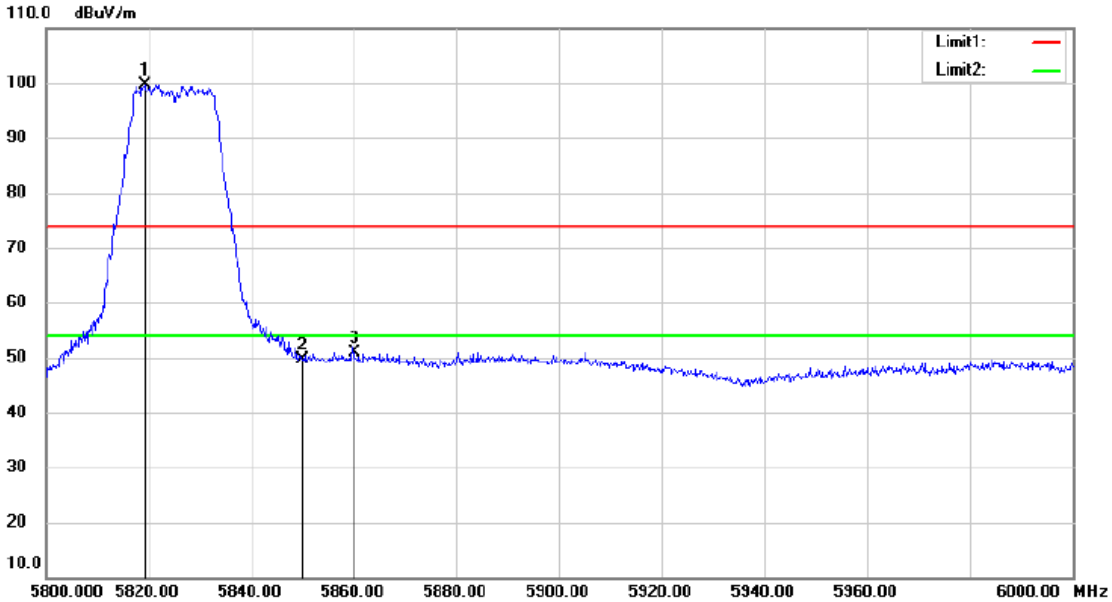
802.11 a **Antenna A** **Channel: 165**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5831.8	81.31	6.65	87.96	54	33.96	Peak	Horizontal
2	5850	41.33	6.64	47.97	54	-6.03	Peak	Horizontal
3	5860	41.82	6.63	48.45	54	-5.55	Peak	Horizontal
1	5819.2	93.05	6.65	99.70	54	45.70	Peak	Vertical
2	5850	42.95	6.64	49.59	54	-4.41	Peak	Vertical
3	5860	44.27	6.63	50.90	54	-3.10	Peak	Vertical

Horizontal



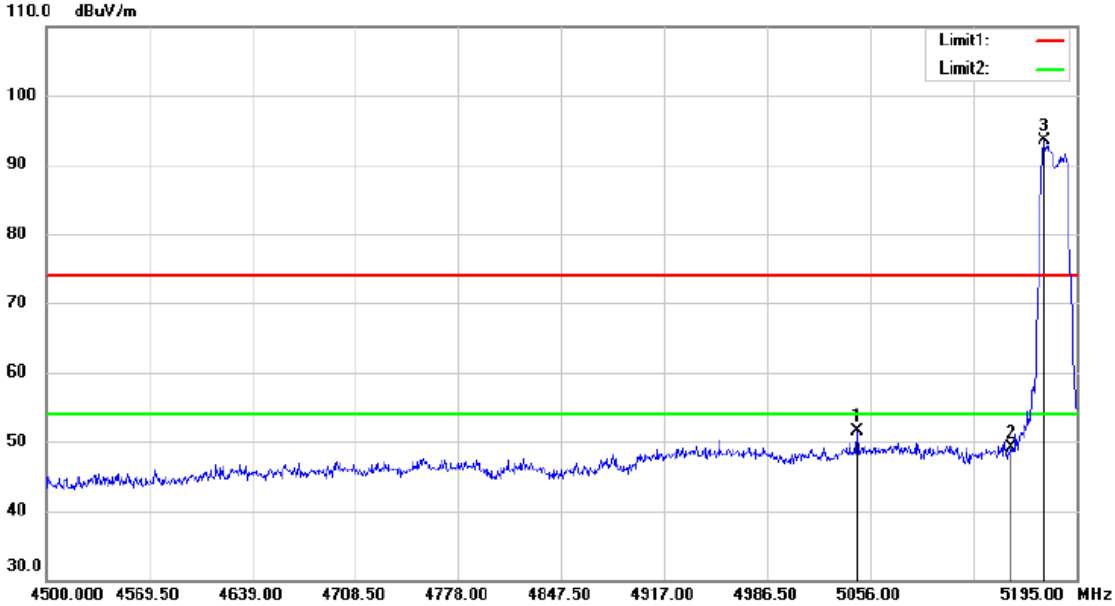
Vertical



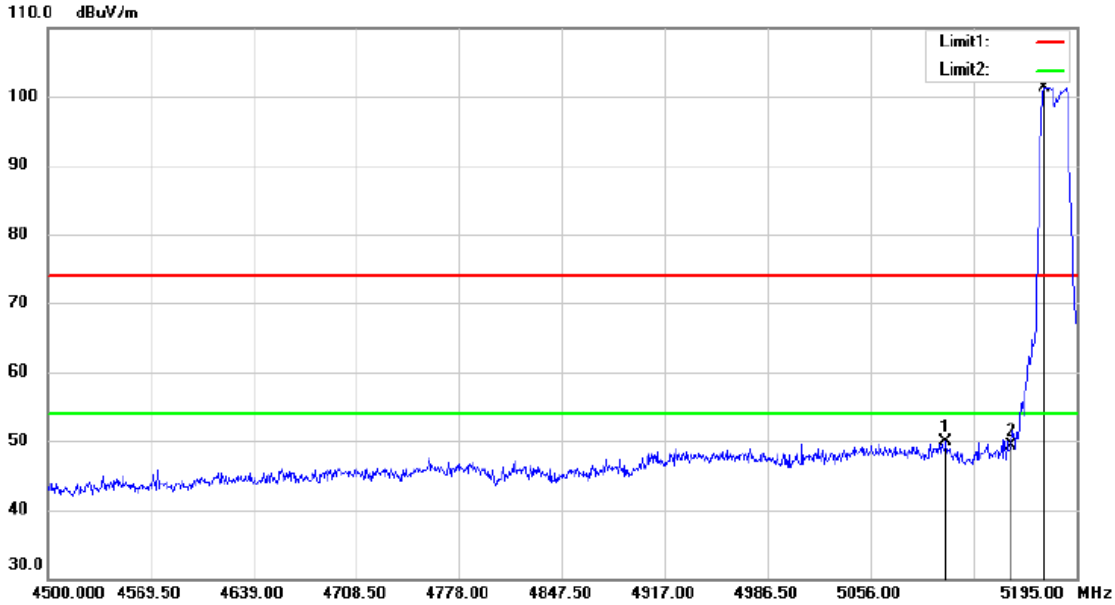
802.11 n(HT20) **Antenna B** **Channel: 36**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5046.965	44.00	7.47	51.47	54	-2.53	Peak	Horizontal
2	5150	42.10	6.92	49.02	54	-4.98	Peak	Horizontal
3	5172.76	86.76	6.80	93.56	54	39.56	Peak	Horizontal
1	5106.735	42.67	7.16	49.83	54	-4.17	Peak	Vertical
2	5150	42.43	6.92	49.35	54	-4.65	Peak	Vertical
3	5173.455	94.57	6.80	101.37	54	47.37	Peak	Vertical

Horizontal



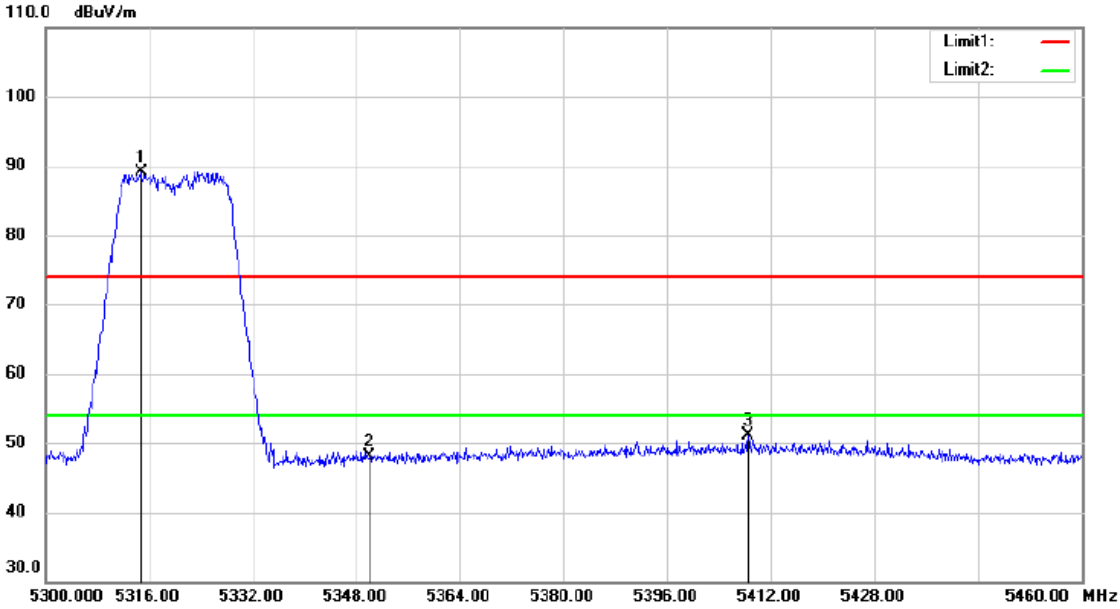
Vertical



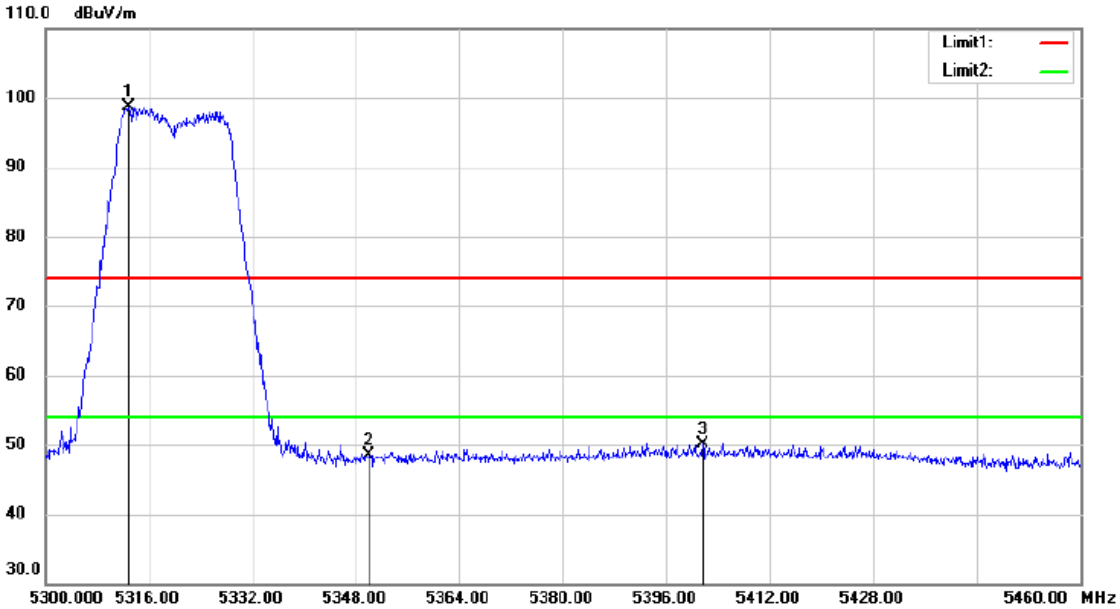
802.11 n(HT20) **Antenna B** **Channel: 64**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5314.72	82.40	6.75	89.15	54	35.15	Peak	Horizontal
2	5350	41.15	6.98	48.13	54	-5.87	Peak	Horizontal
3	5408.48	43.84	7.29	51.13	54	-2.87	Peak	Horizontal
1	5312.8	91.92	6.73	98.65	54	44.65	Peak	Vertical
2	5350	41.55	6.98	48.53	54	-5.47	Peak	Vertical
3	5401.6	42.74	7.32	50.06	54	-3.94	Peak	Vertical

Horizontal



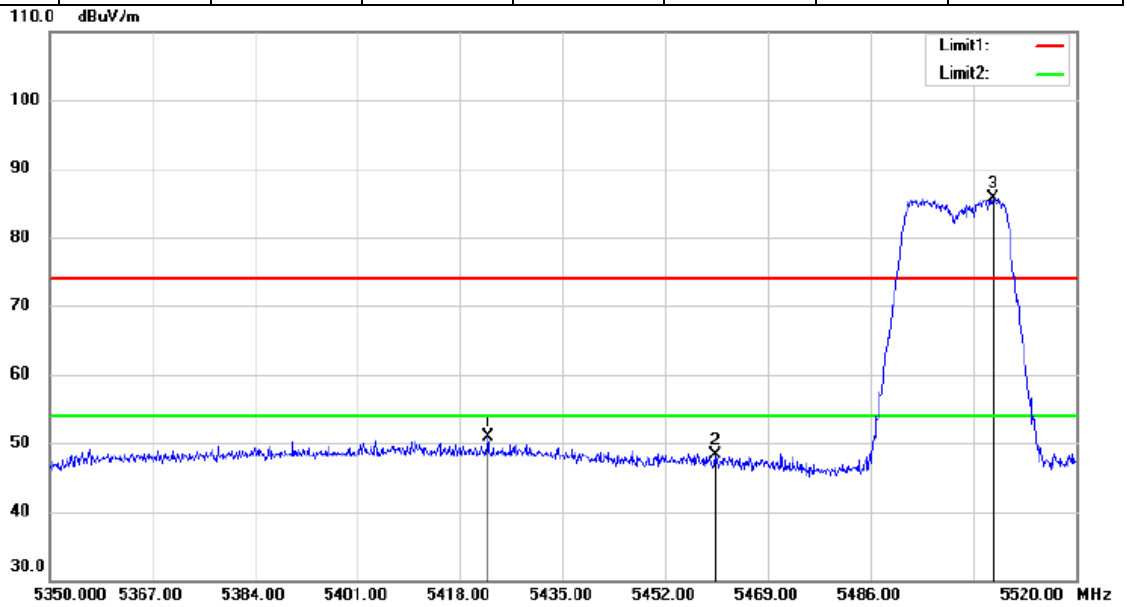
Vertical



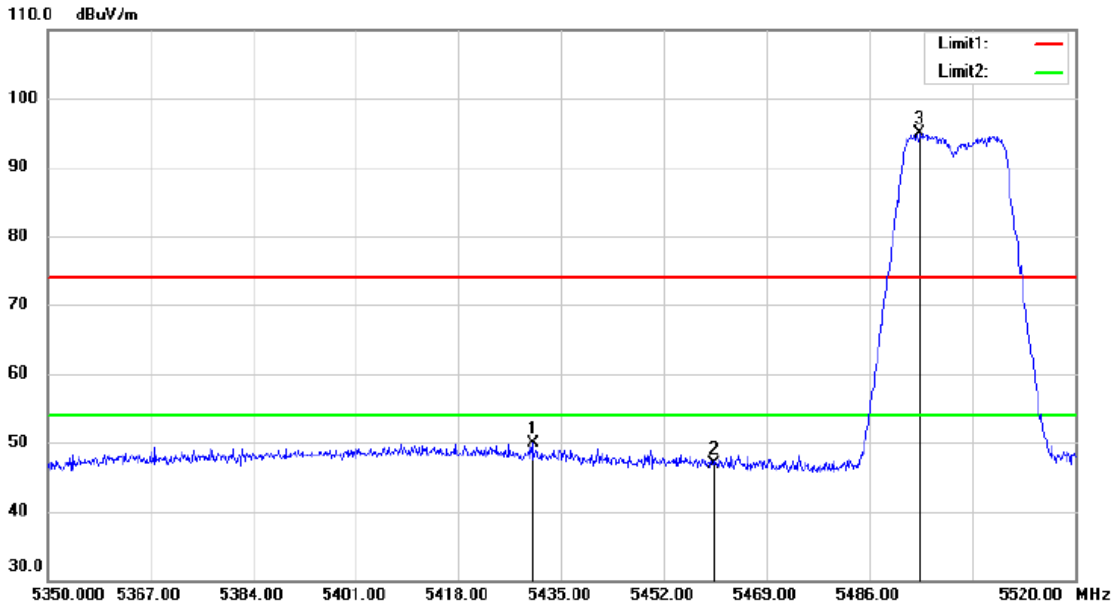
802.11 n(HT20) **Antenna B** **Channel: 100**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5422.59	43.73	7.25	50.98	54	-3.02	Peak	Horizontal
2	5460	41.26	7.11	48.37	54	-5.63	Peak	Horizontal
3	5506.23	78.75	6.95	85.70	54	31.70	Peak	Horizontal
1	5430.24	42.77	7.22	49.99	54	-4.01	Peak	Vertical
2	5460	39.76	7.11	46.87	54	-7.13	Peak	Vertical
3	5494.33	87.99	6.98	94.97	54	40.97	Peak	Vertical

Horizontal



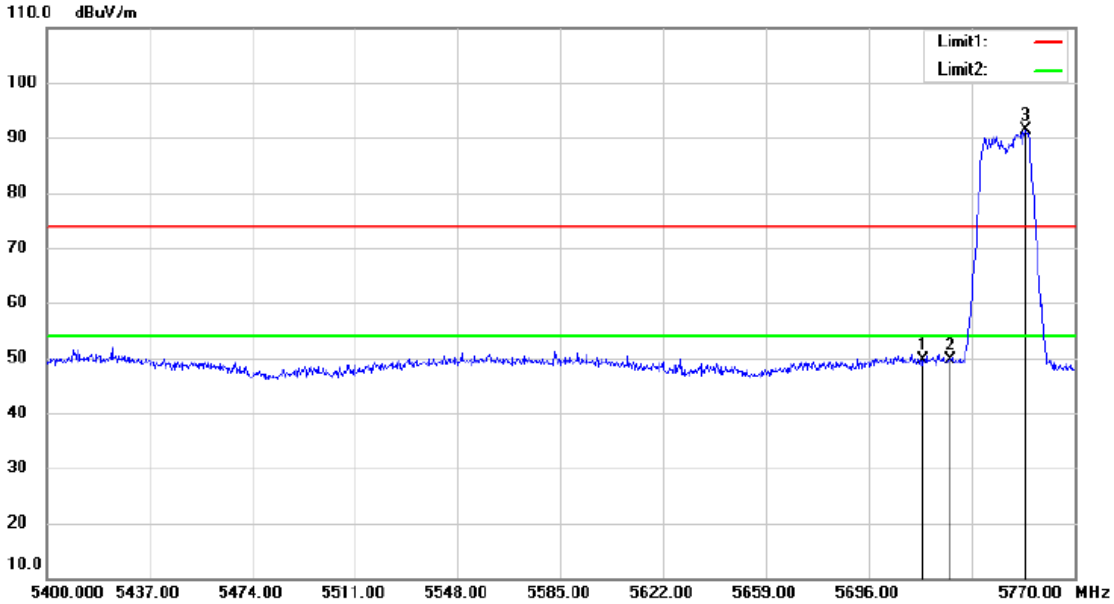
Vertical



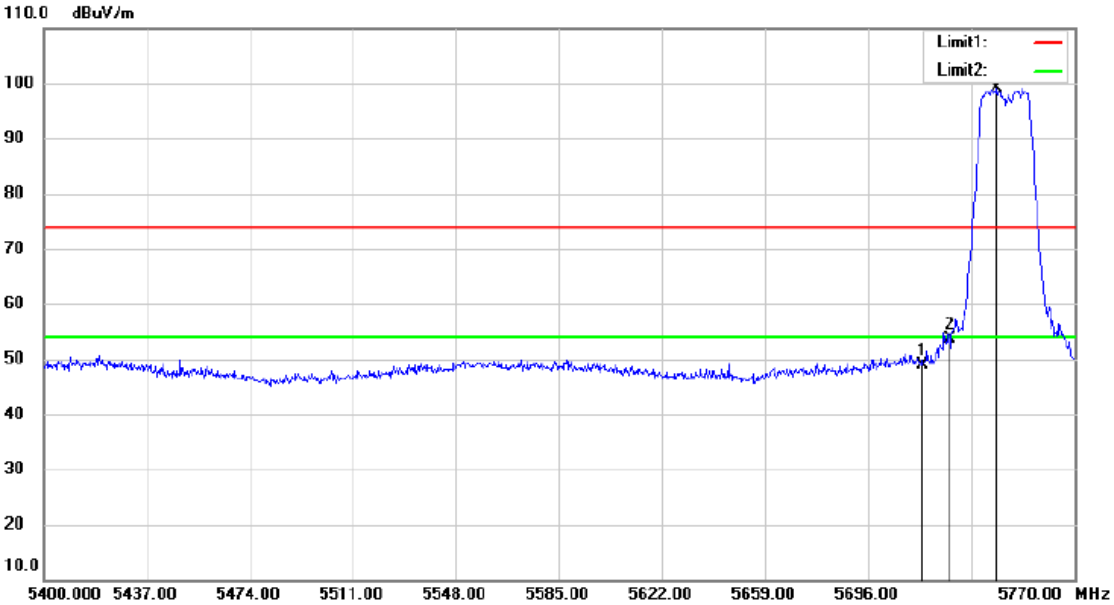
802.11 n(HT20) **Antenna A** **Channel: 149**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5715	42.9	6.84	49.74	54	-4.26	Peak	Horizontal
2	5725	42.75	6.82	49.57	54	-4.43	Peak	Horizontal
3	5752.61	84.6	6.77	91.37	54	37.37	Peak	Horizontal
1	5715	42.14	6.84	48.98	54	-5.02	Peak	Vertical
2	5725	46.9	6.82	53.72	54	-0.28	Peak	Vertical
3	5742.25	92.24	6.79	99.03	54	45.03	Peak	Vertical

Horizontal



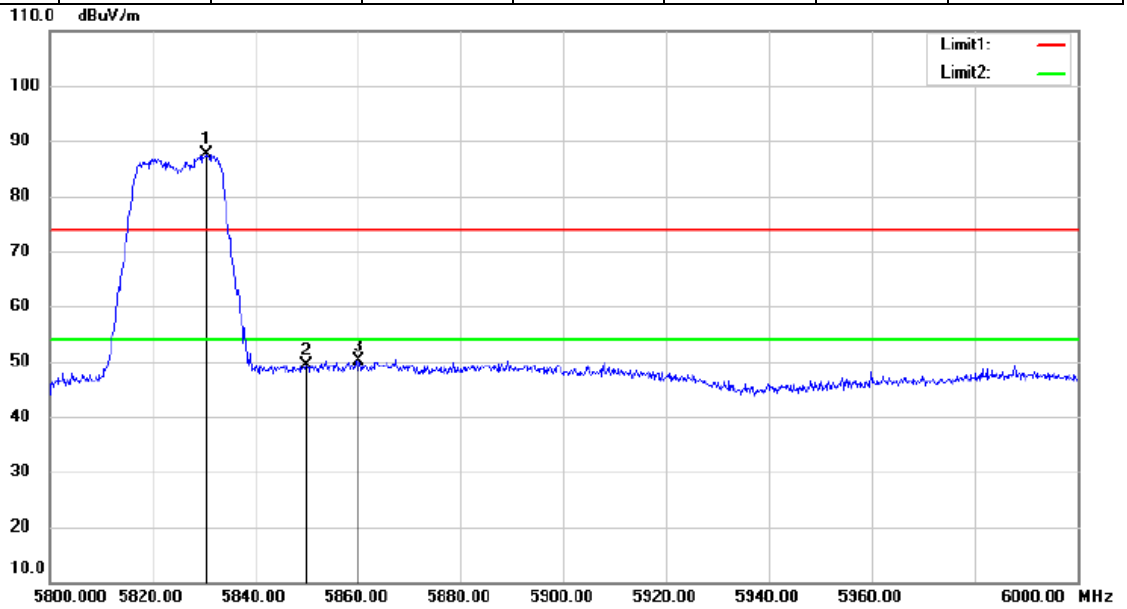
Vertical



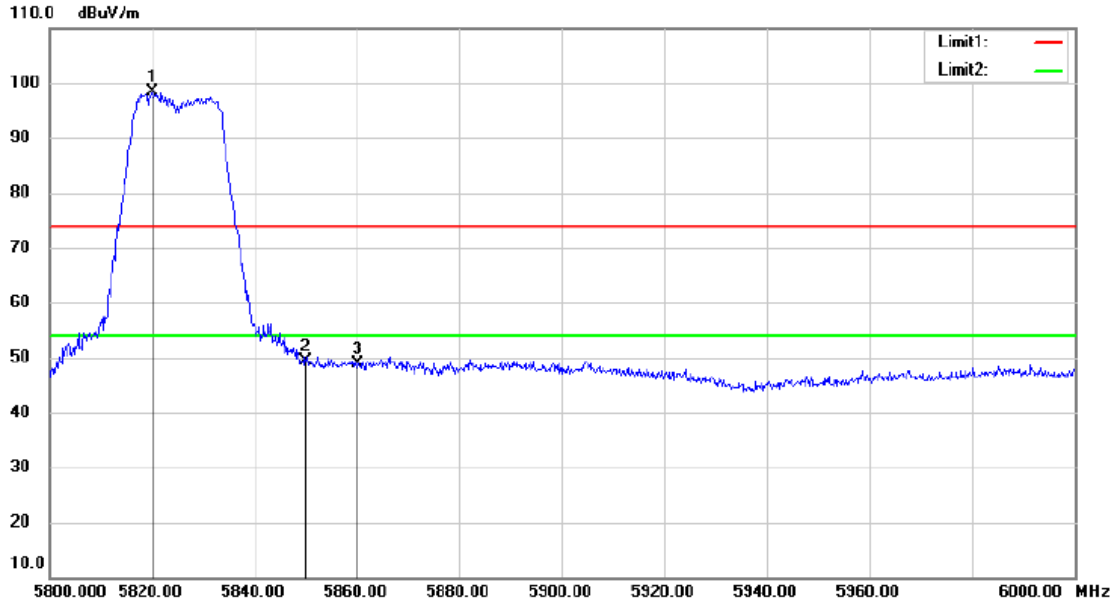
802.11 n(HT20) **Antenna A** **Channel: 165**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5830.6	80.99	6.66	87.65	54	33.65	Peak	Horizontal
2	5850	42.73	6.64	49.37	54	-4.63	Peak	Horizontal
3	5860	43.48	6.63	50.11	54	-3.89	Peak	Horizontal
1	5820	91.69	6.65	98.34	54	44.34	Peak	Vertical
2	5850	42.72	6.64	49.36	54	-4.64	Peak	Vertical
3	5860	42.18	6.63	48.81	54	-5.19	Peak	Vertical

Horizontal



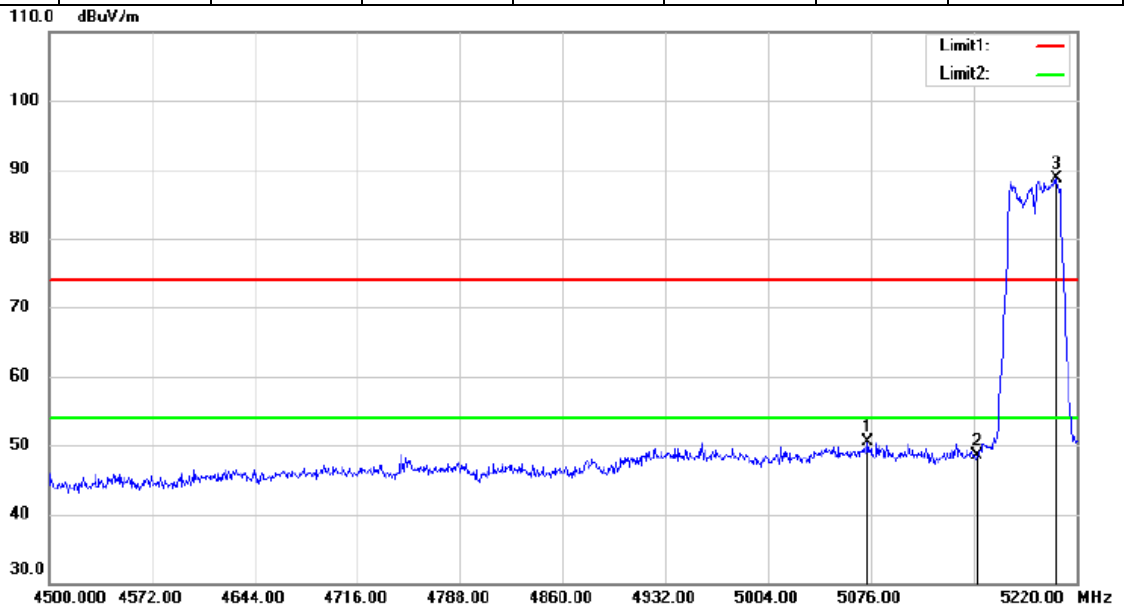
Vertical



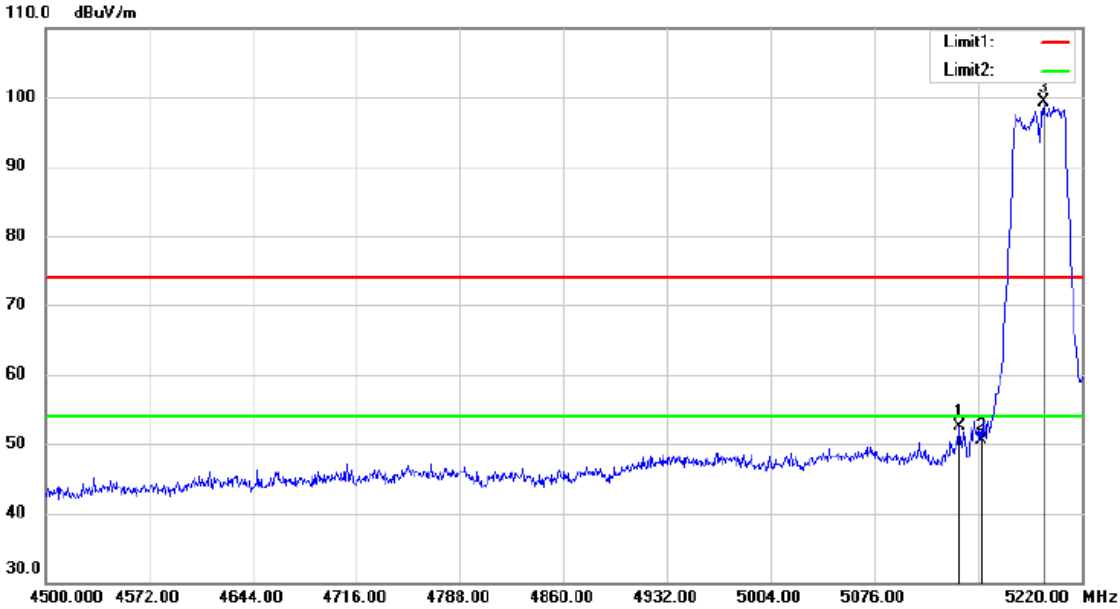
802.11 n(HT40) **Antenna B** **Channel: 38**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5073.84	43.08	7.33	50.41	54	-3.59	Peak	Horizontal
2	5150	41.49	6.92	48.41	54	-5.59	Peak	Horizontal
3	5205.6	82.08	6.65	88.73	54	34.73	Peak	Horizontal
1	5135.04	45.41	7.01	52.42	54	-1.58	Peak	Vertical
2	5150	43.56	6.92	50.48	54	-3.52	Peak	Vertical
3	5193.36	92.54	6.69	99.23	54	45.23	Peak	Vertical

Horizontal



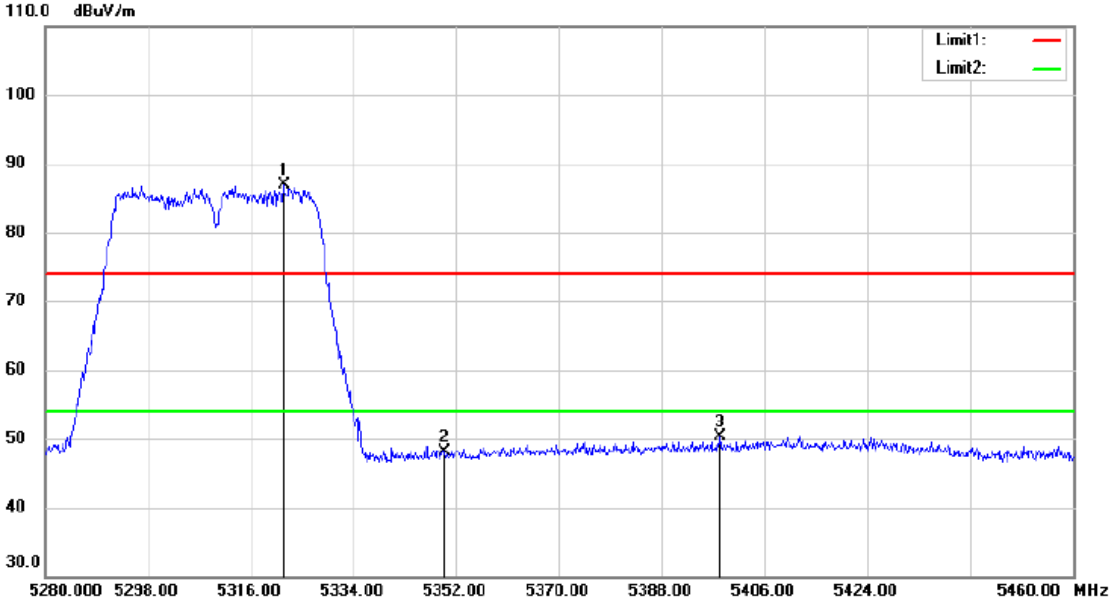
Vertical



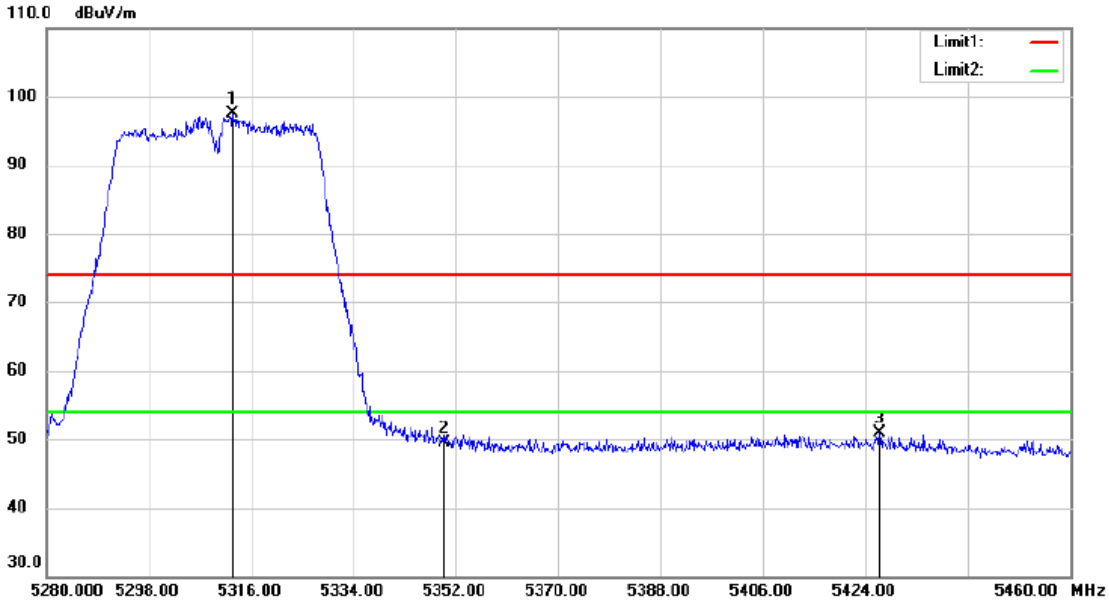
802.11 n(HT40) **Antenna B** **Channel: 62**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5321.76	80.10	6.79	86.89	54	32.89	Peak	Horizontal
2	5350	41.08	6.98	48.06	54	-5.94	Peak	Horizontal
3	5398.26	43.02	7.32	50.34	54	-3.66	Peak	Horizontal
1	5312.76	90.86	6.73	97.59	54	43.59	Peak	Vertical
2	5350	42.53	6.98	49.51	54	-4.49	Peak	Vertical
3	5426.52	43.72	7.23	50.95	54	-3.05	Peak	Vertical

Horizontal



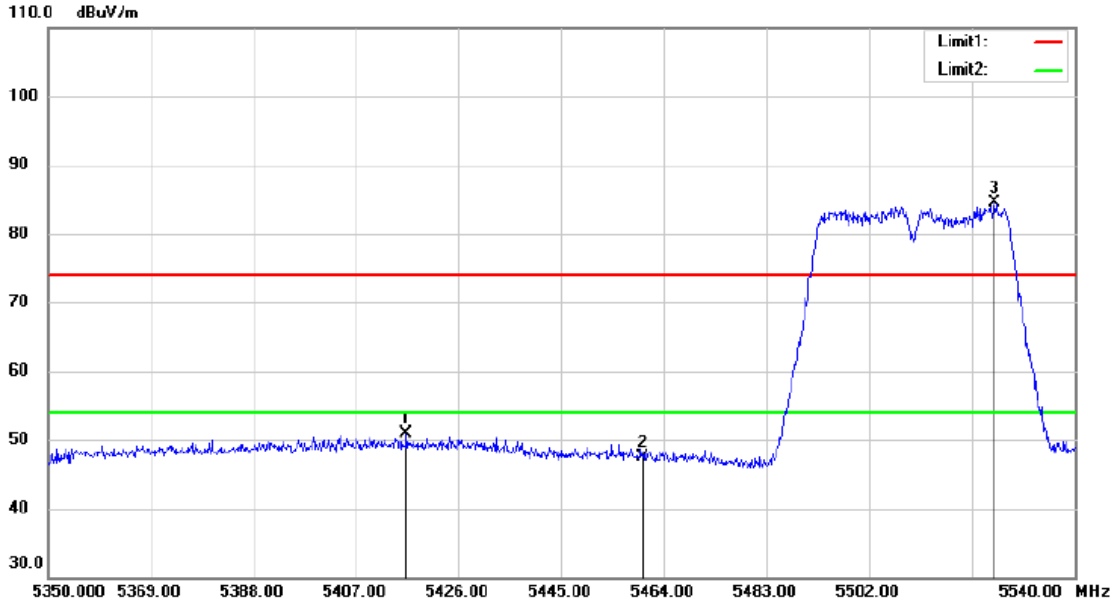
Vertical



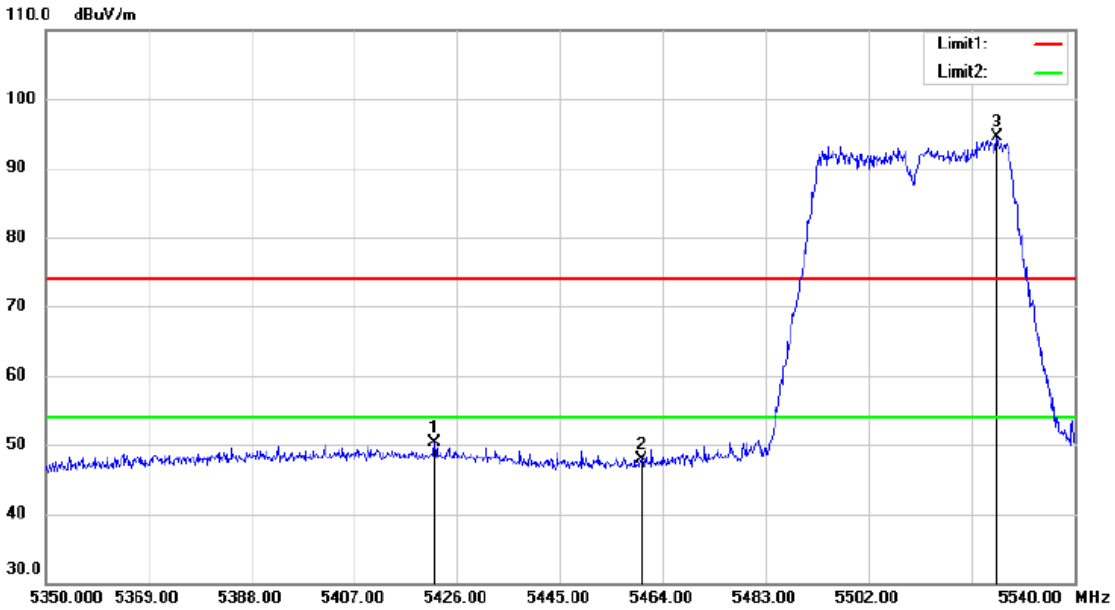
802.11 n(HT40) **Antenna B** **Channel: 102**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5416.31	43.58	7.27	50.85	54	-3.15	Peak	Horizontal
2	5460	40.38	7.11	47.49	54	-6.51	Peak	Horizontal
3	5525.18	77.64	6.91	84.55	54	30.55	Peak	Horizontal
1	5421.82	43.16	7.24	50.40	54	-3.60	Peak	Vertical
2	5460	40.80	7.11	47.91	54	-6.09	Peak	Vertical
3	5525.75	87.58	6.91	94.49	54	40.49	Peak	Vertical

Horizontal



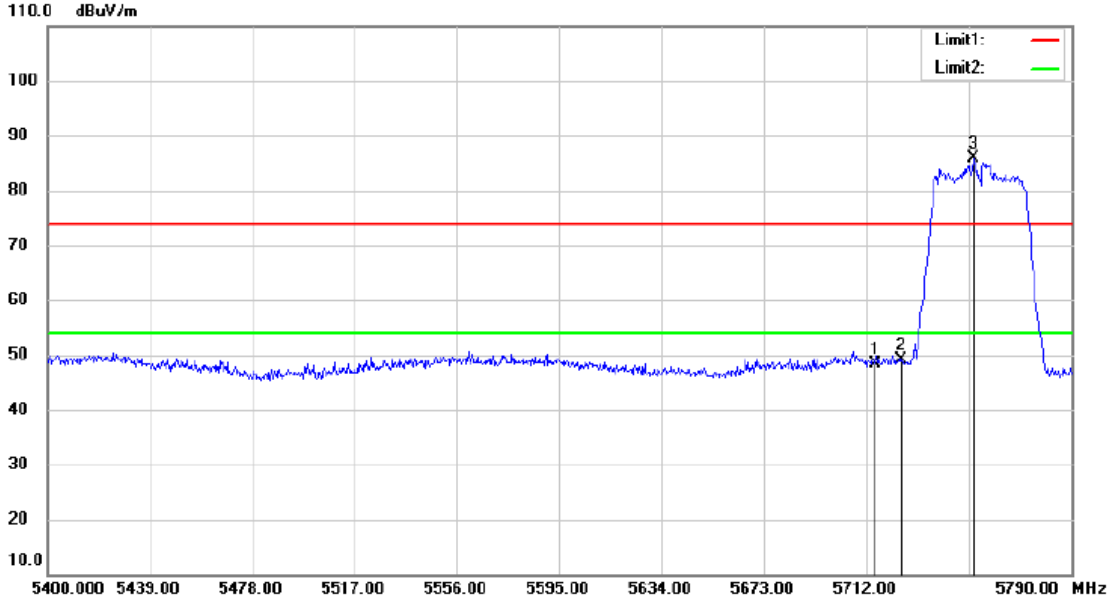
Vertical



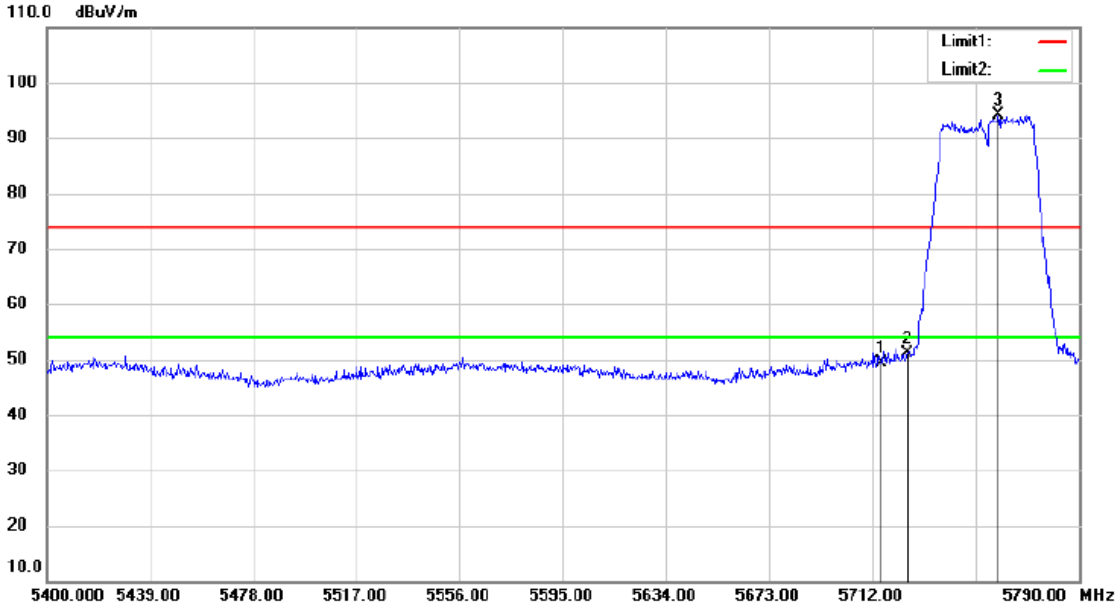
802.11 n(HT40) **Antenna A** **Channel: 151**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5715	41.53	6.84	48.37	54	-5.63	Peak	Horizontal
2	5725	42.23	6.82	49.05	54	-4.95	Peak	Horizontal
3	5752.95	79.13	6.77	85.90	54	31.90	Peak	Horizontal
1	5715	42.63	6.84	49.47	54	-4.53	Peak	Vertical
2	5725	44.32	6.82	51.14	54	-2.86	Peak	Vertical
3	5759.58	87.40	6.75	94.15	54	40.15	Peak	Vertical

Horizontal



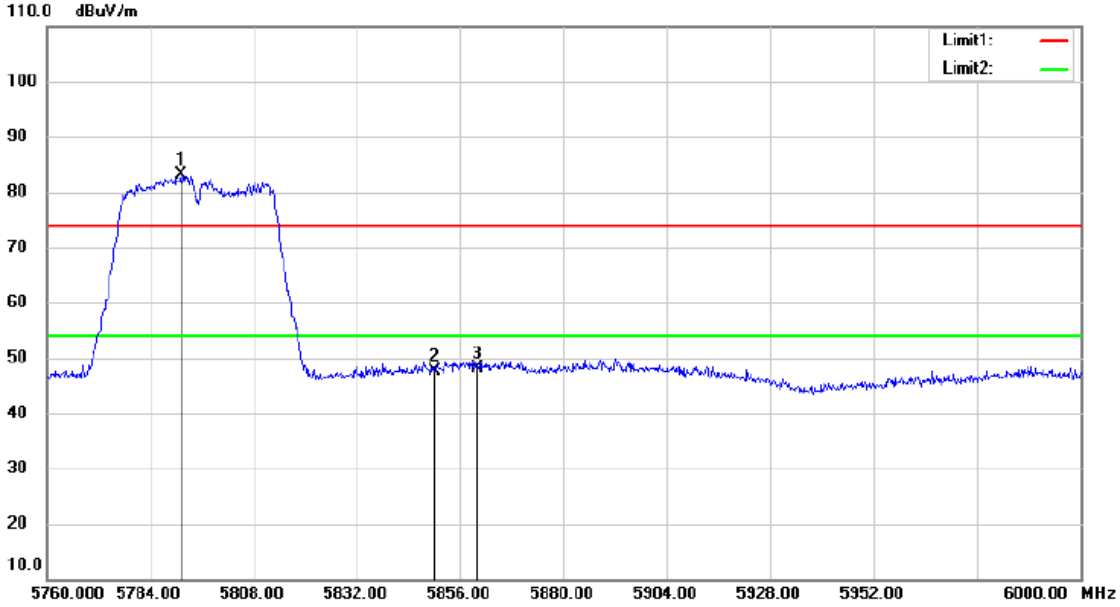
Vertical



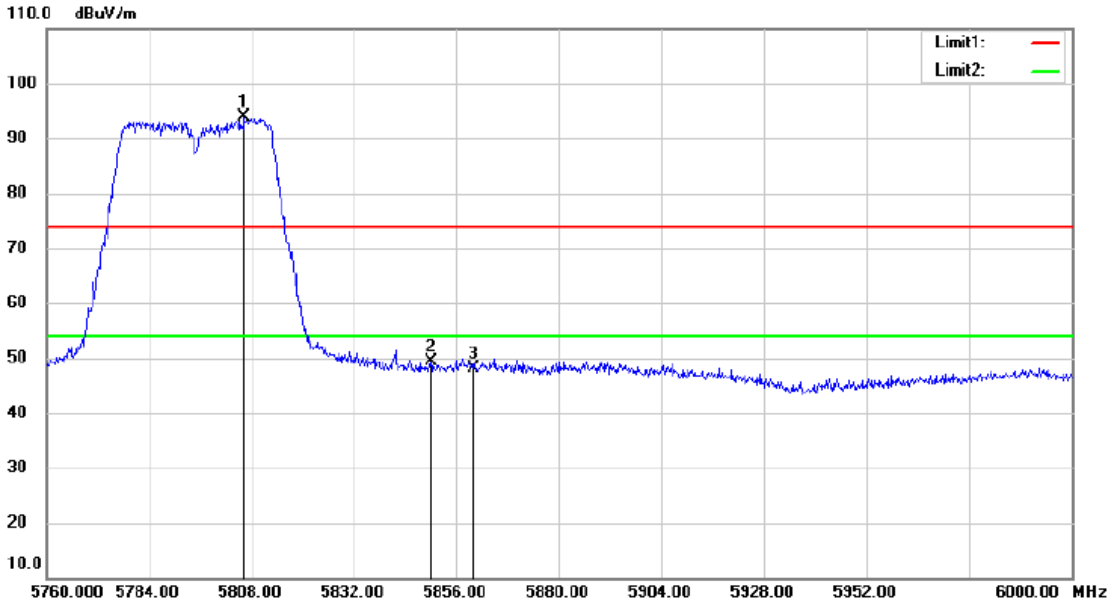
802.11 n(HT40) **Antenna A** **Channel: 159**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5791.2	76.35	6.69	83.04	54	29.04	Peak	Horizontal
2	5850	41.03	6.64	47.67	54	-6.33	Peak	Horizontal
3	5860	41.61	6.63	48.24	54	-5.76	Peak	Horizontal
1	5806.32	87.17	6.66	93.83	54	39.83	Peak	Vertical
2	5850	42.69	6.64	49.33	54	-4.67	Peak	Vertical
3	5860	41.62	6.63	48.25	54	-5.75	Peak	Vertical

Horizontal



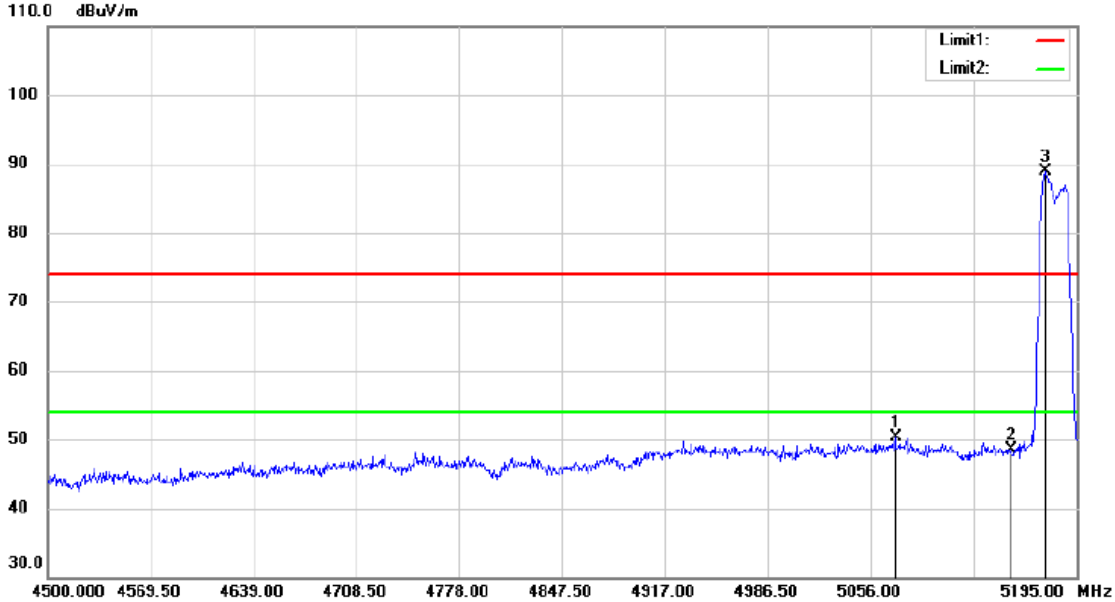
Vertical



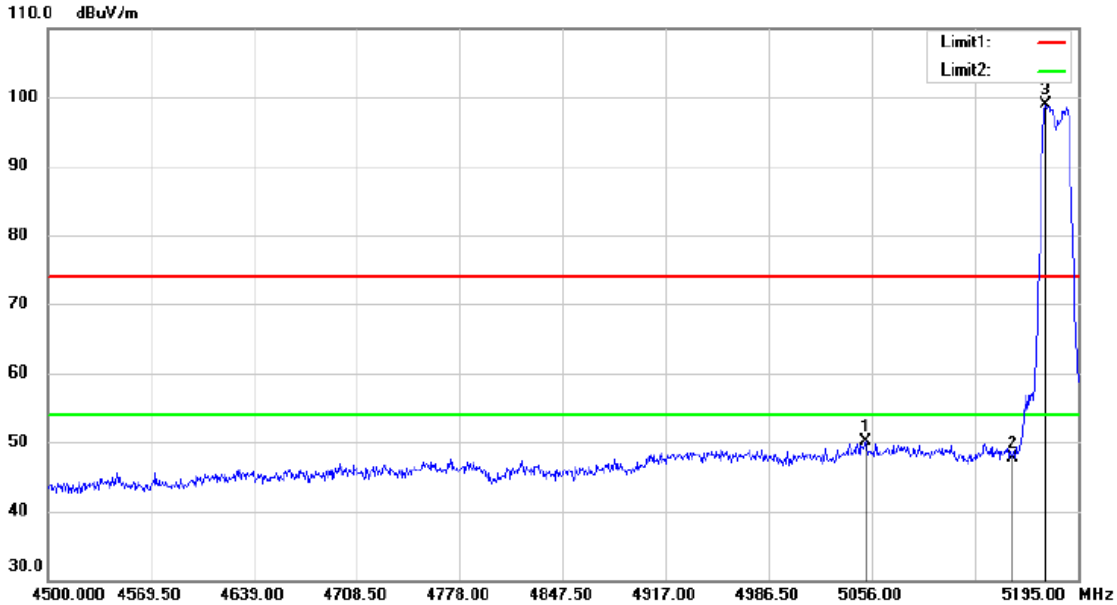
802.11 ac(VHT20) **Antenna B** **Channel: 36**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5072.68	43.06	7.34	50.40	54	-3.60	Peak	Horizontal
2	5150	41.63	6.92	48.55	54	-5.45	Peak	Horizontal
3	5174.15	82.03	6.80	88.83	54	34.83	Peak	Horizontal
1	5051.83	42.58	7.43	50.01	54	-3.99	Peak	Vertical
2	5150	40.87	6.92	47.79	54	-6.21	Peak	Vertical
3	5173.455	92.15	6.80	98.95	54	44.95	Peak	Vertical

Horizontal



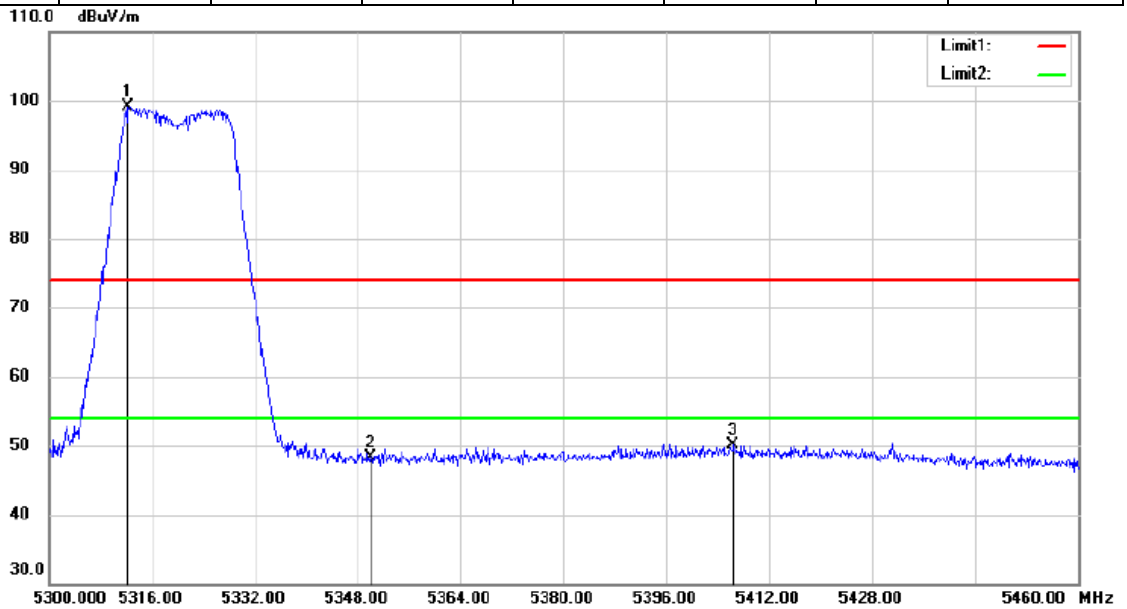
Vertical



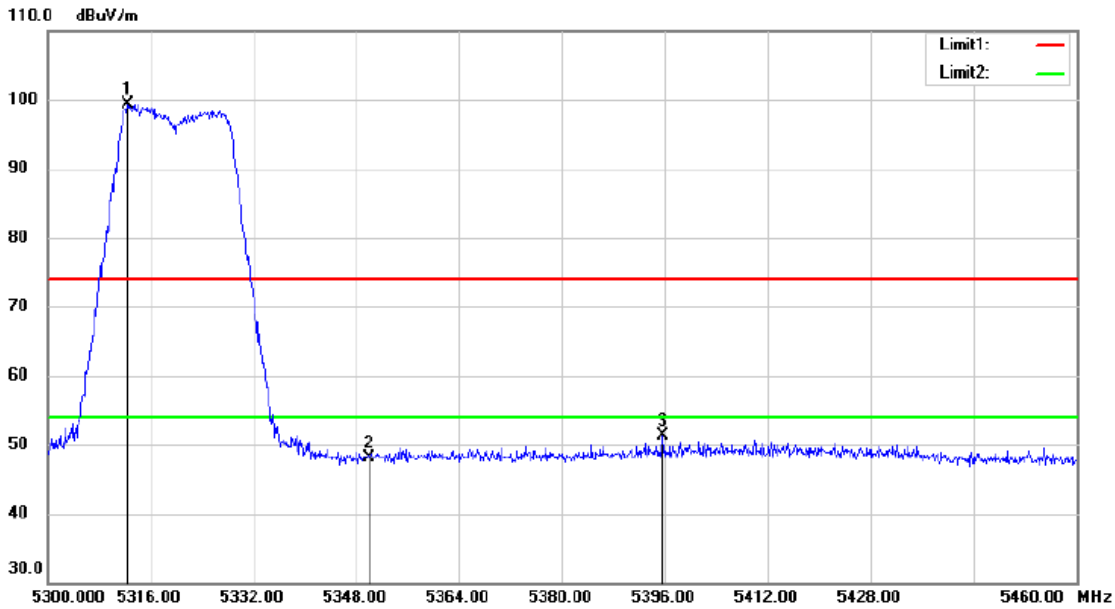
802.11 ac(VHT20) **Antenna B** **Channel: 64**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5312.32	92.31	6.73	99.04	54	45.04	Peak	Horizontal
2	5350	41.39	6.98	48.37	54	-5.63	Peak	Horizontal
3	5406.4	42.82	7.30	50.12	54	-3.88	Peak	Horizontal
1	5312.48	92.63	6.73	99.36	54	45.36	Peak	Vertical
2	5350	41.19	6.98	48.17	54	-5.83	Peak	Vertical
3	5395.68	43.92	7.29	51.21	54	-2.79	Peak	Vertical

Horizontal



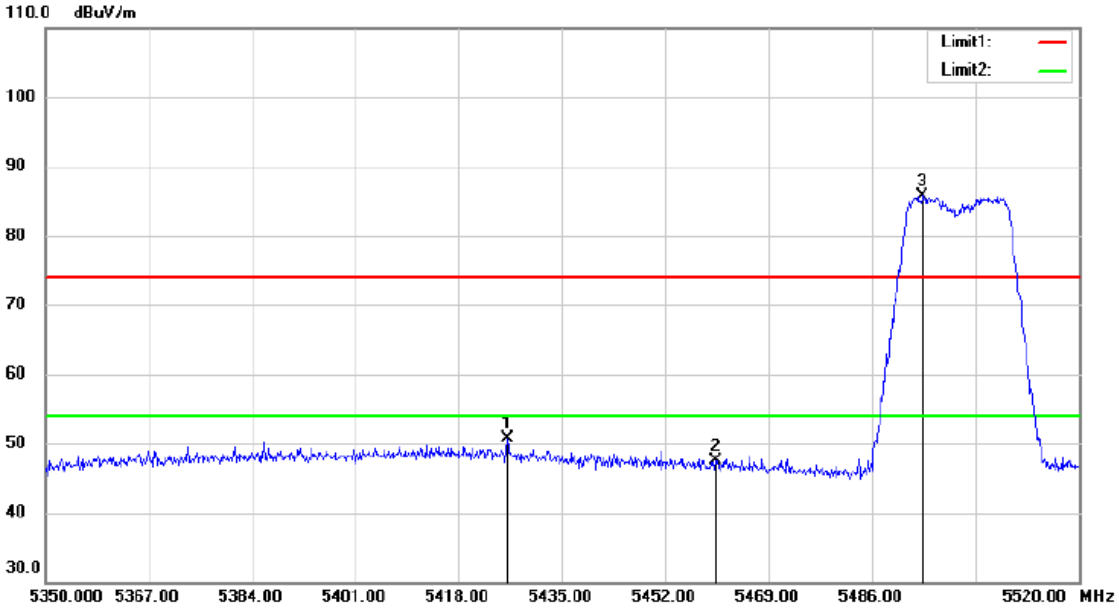
Vertical



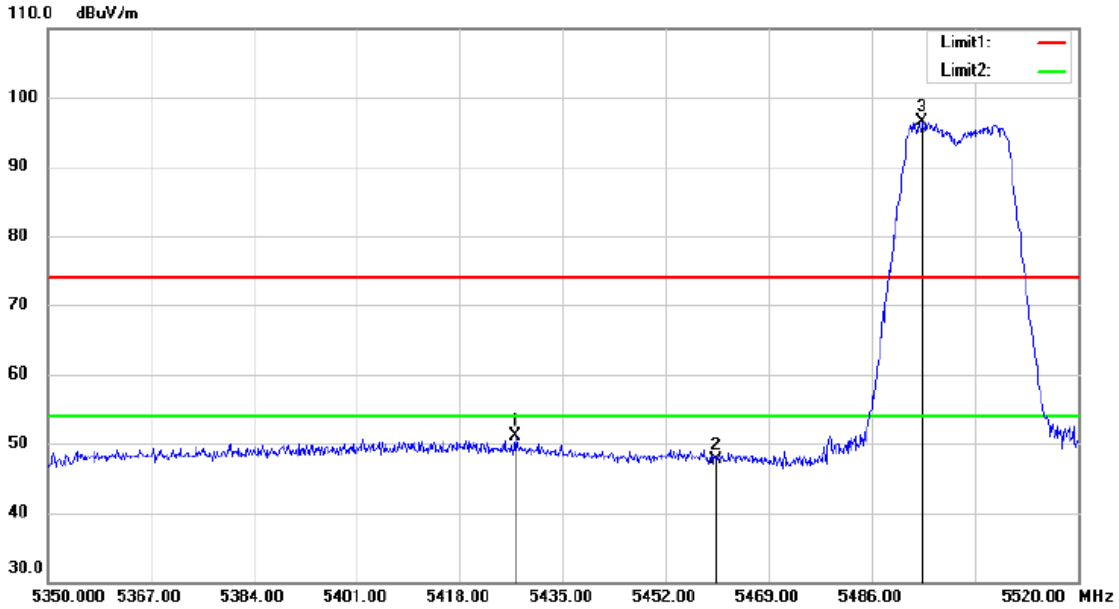
802.11 ac(VHT20) **Antenna B** **Channel: 100**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5425.99	43.42	7.23	50.65	54	-3.35	Peak	Horizontal
2	5460	40.41	7.11	47.52	54	-6.48	Peak	Horizontal
3	5494.33	78.82	6.98	85.80	54	31.80	Peak	Horizontal
1	5427.18	43.80	7.23	51.03	54	-2.97	Peak	Vertical
2	5460	40.61	7.11	47.72	54	-6.28	Peak	Vertical
3	5494.33	89.44	6.98	96.42	54	42.42	Peak	Vertical

Horizontal



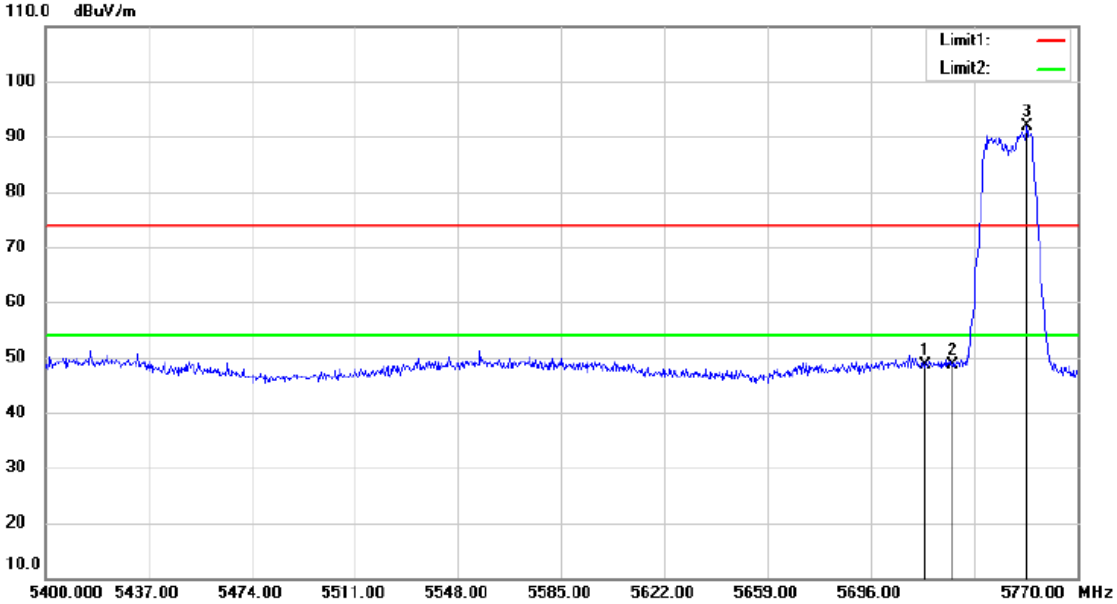
Vertical



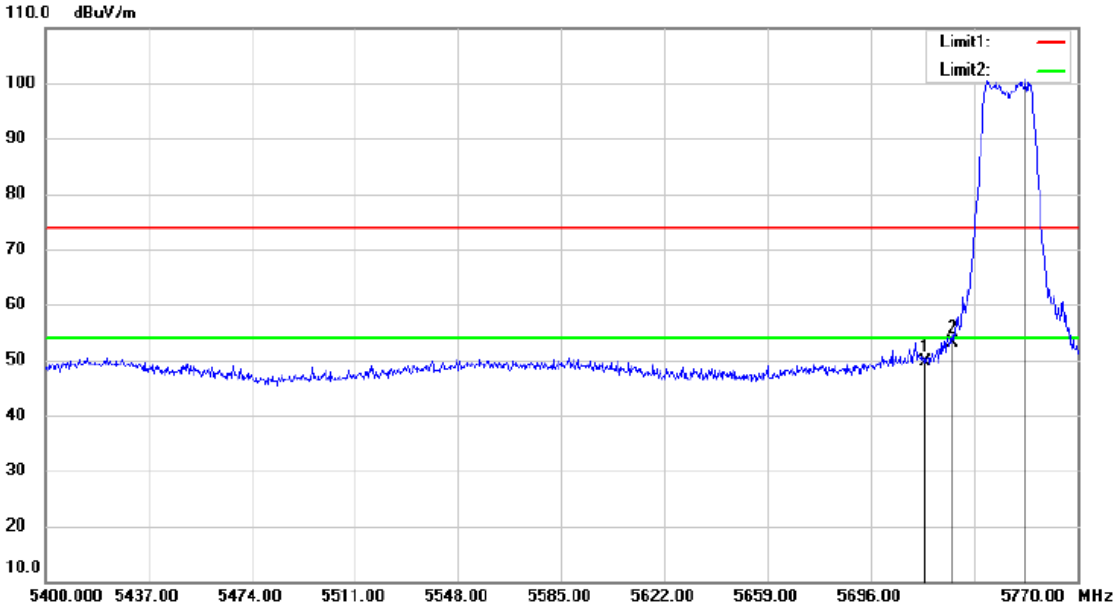
802.11 ac(VHT20) **Antenna A** **Channel: 149**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5715	41.85	6.84	48.69	54	-5.31	Peak	Horizontal
2	5725	41.86	6.82	48.68	54	-5.32	Peak	Horizontal
3	5751.87	85.02	6.77	91.79	54	37.79	Peak	Horizontal
1	5715	42.73	6.84	49.57	54	-4.43	Peak	Vertical
2	5725	46.43	6.82	53.25	54	-0.75	Peak	Vertical
3	5751.5	93.73	6.77	100.50	54	46.50	Peak	Vertical

Horizontal



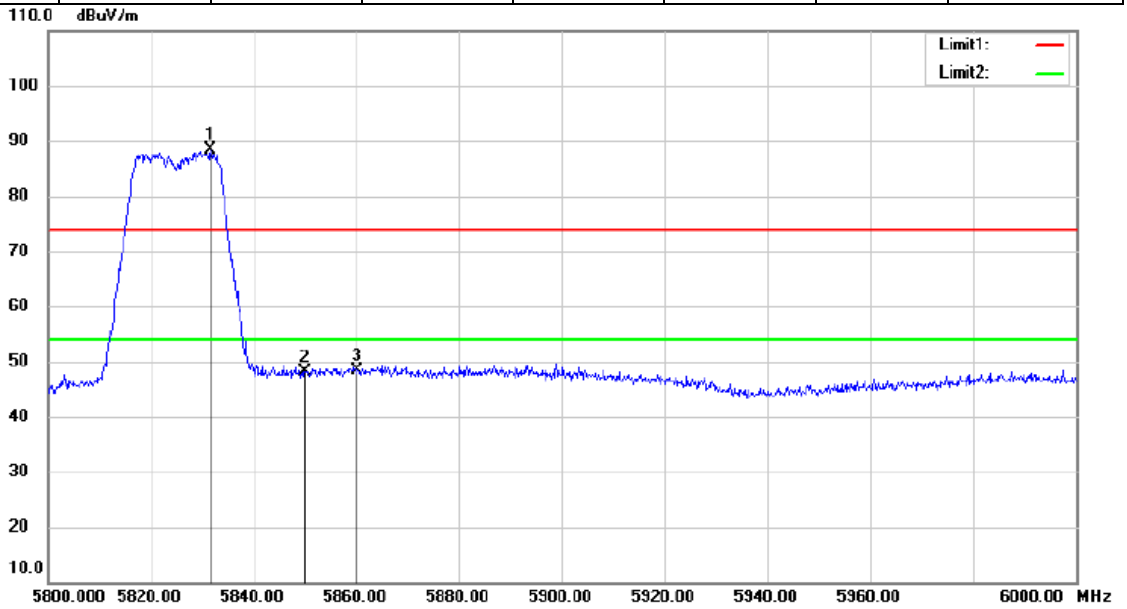
Vertical



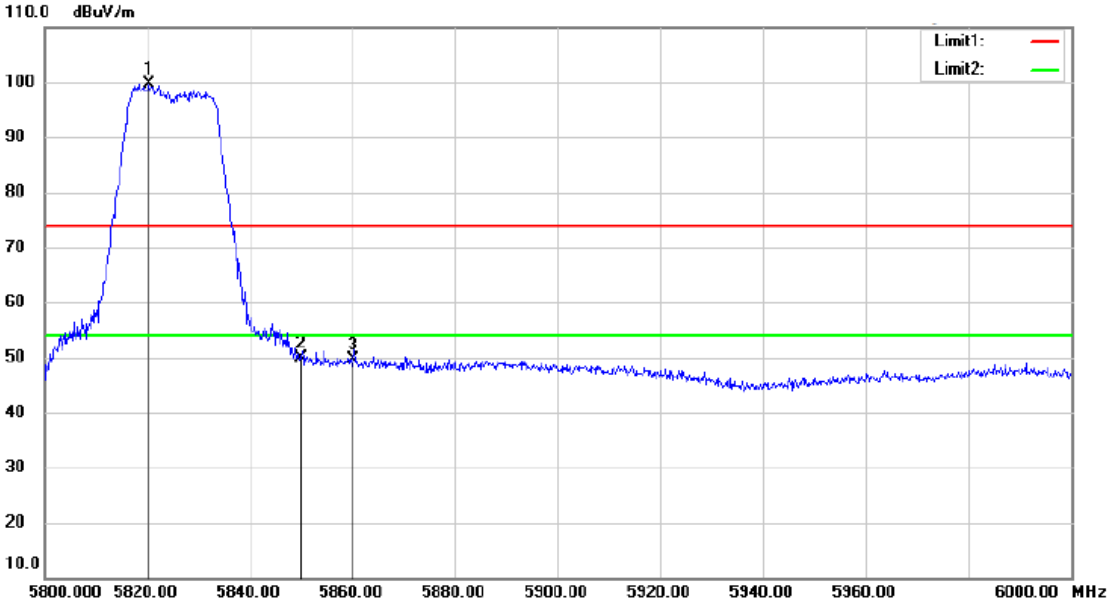
802.11 ac(VHT20) **Antenna A** **Channel: 165**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5831.6	81.62	6.65	88.27	54	34.27	Peak	Horizontal
2	5850	41.56	6.64	48.20	54	-5.80	Peak	Horizontal
3	5860	41.63	6.63	48.26	54	-5.74	Peak	Horizontal
1	5820.4	93.01	6.65	99.66	54	45.66	Peak	Vertical
2	5850	43.35	6.64	49.99	54	-4.01	Peak	Vertical
3	5860	43.06	6.63	49.69	54	-4.31	Peak	Vertical

Horizontal



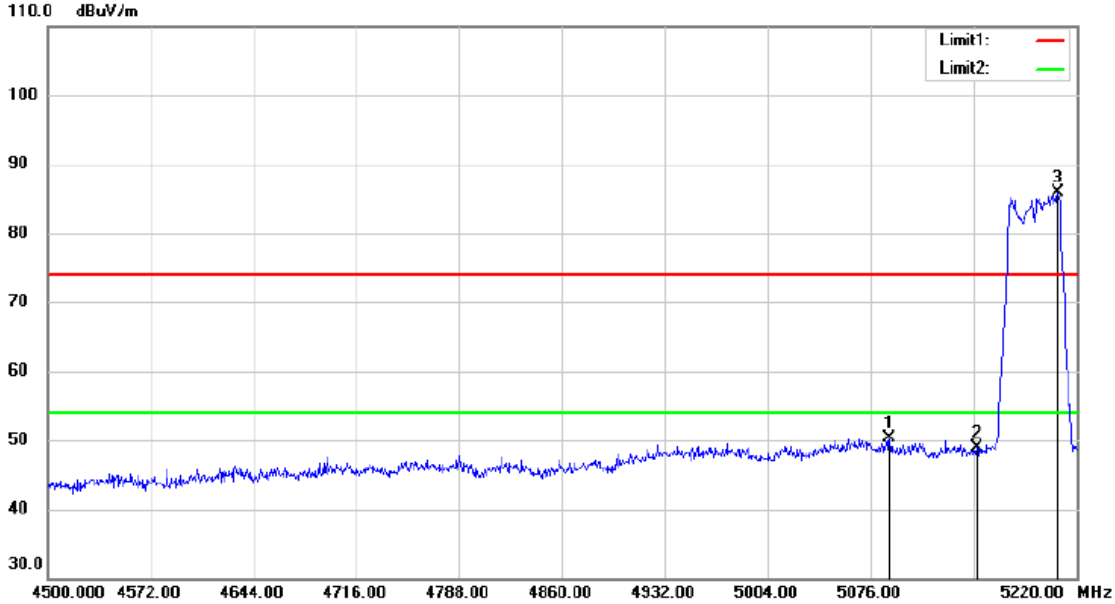
Vertical



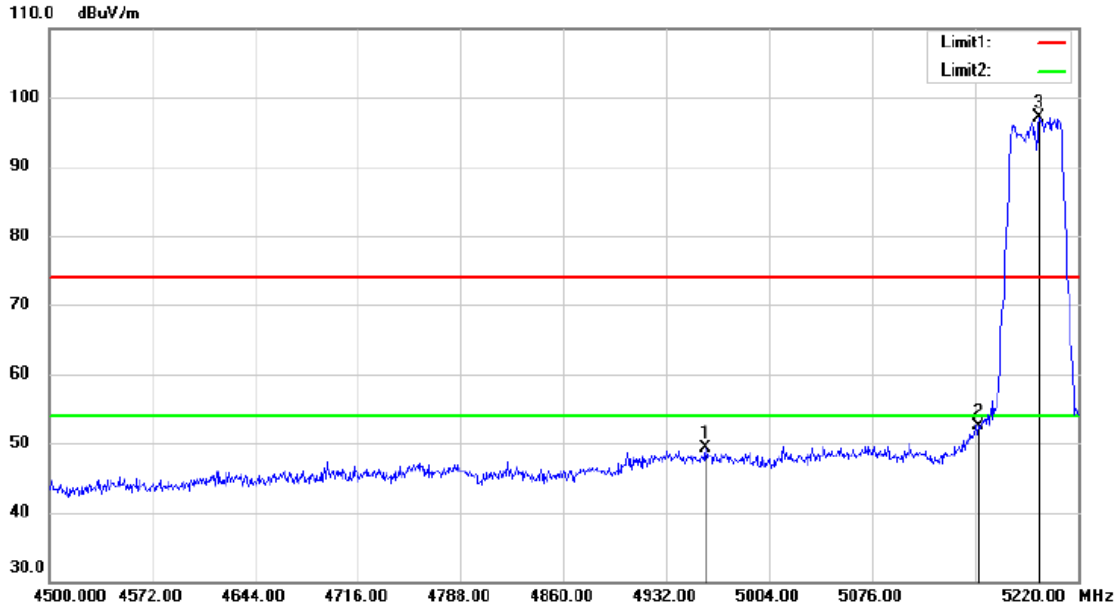
802.11 ac(VHT40) **Antenna B** **Channel: 38**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5088.96	42.95	7.25	50.20	54	-3.80	Peak	Horizontal
2	5150	42.08	6.92	49.00	54	-5.00	Peak	Horizontal
3	5207.04	79.34	6.64	85.98	54	31.98	Peak	Horizontal
1	4959.36	41.78	7.48	49.26	54	-4.74	Peak	Vertical
2	5150	45.50	6.92	52.42	54	-1.58	Peak	Vertical
3	5192.64	90.48	6.69	97.17	54	43.17	Peak	Vertical

Horizontal



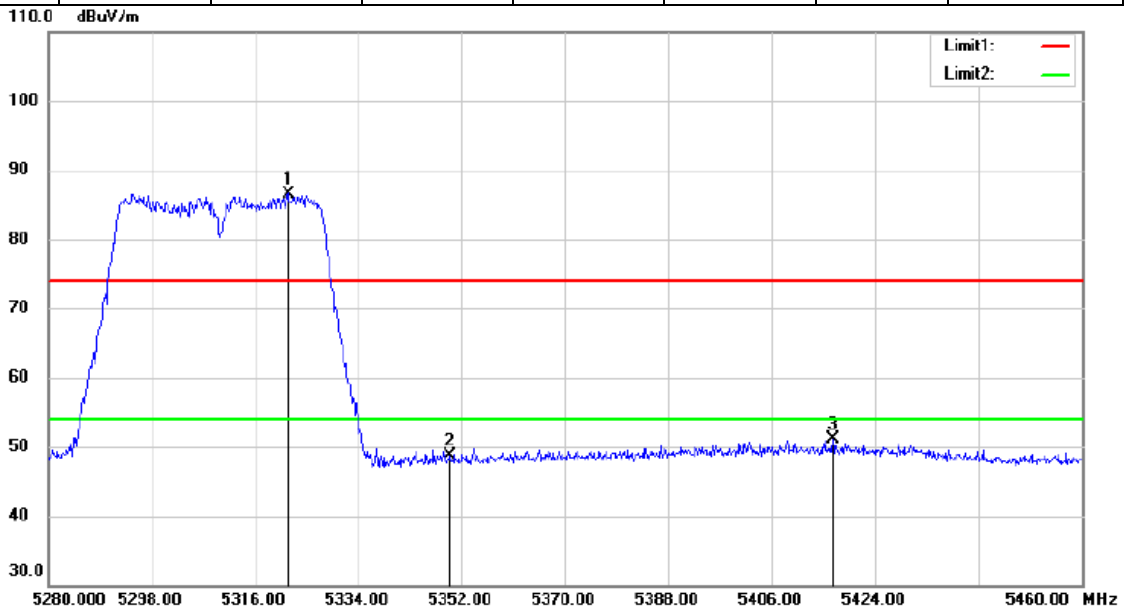
Vertical



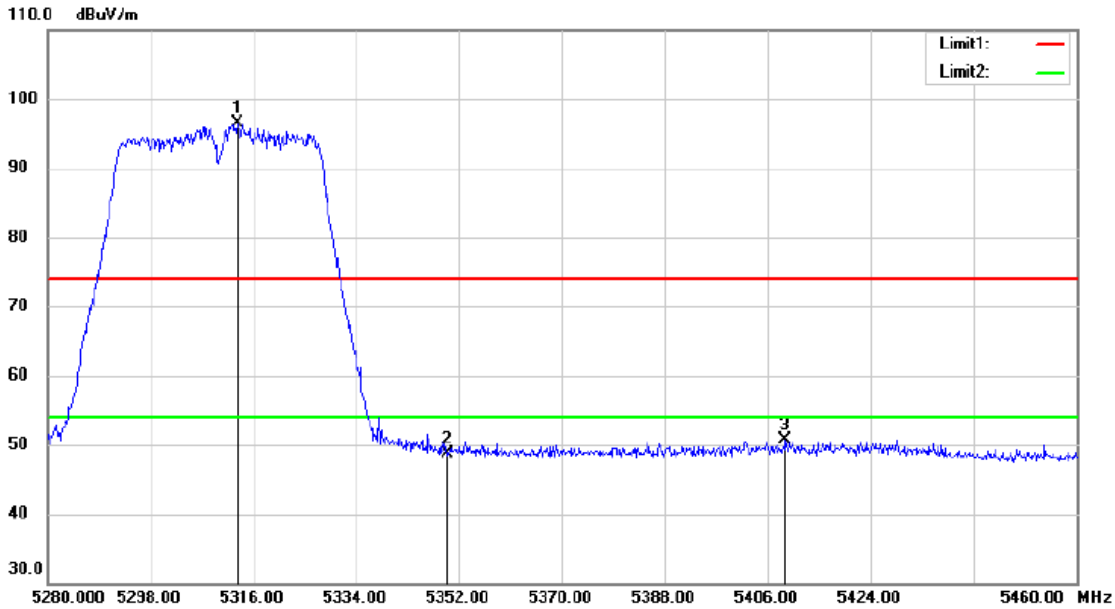
802.11 ac(VHT40) **Antenna B** **Channel: 62**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5321.76	79.81	6.79	86.60	54	32.60	Peak	Horizontal
2	5350	41.65	6.98	48.63	54	-5.37	Peak	Horizontal
3	5416.62	43.77	7.27	51.04	54	-2.96	Peak	Horizontal
1	5313.12	89.77	6.74	96.51	54	42.51	Peak	Vertical
2	5350	41.73	6.98	48.71	54	-5.29	Peak	Vertical
3	5409.06	43.48	7.28	50.76	54	-3.24	Peak	Vertical

Horizontal



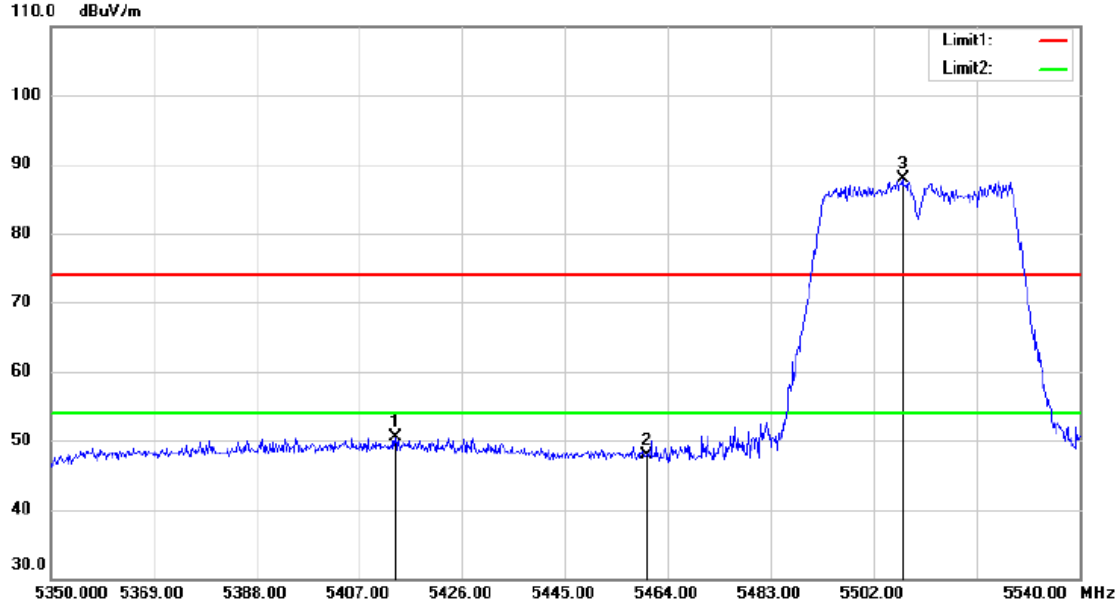
Vertical



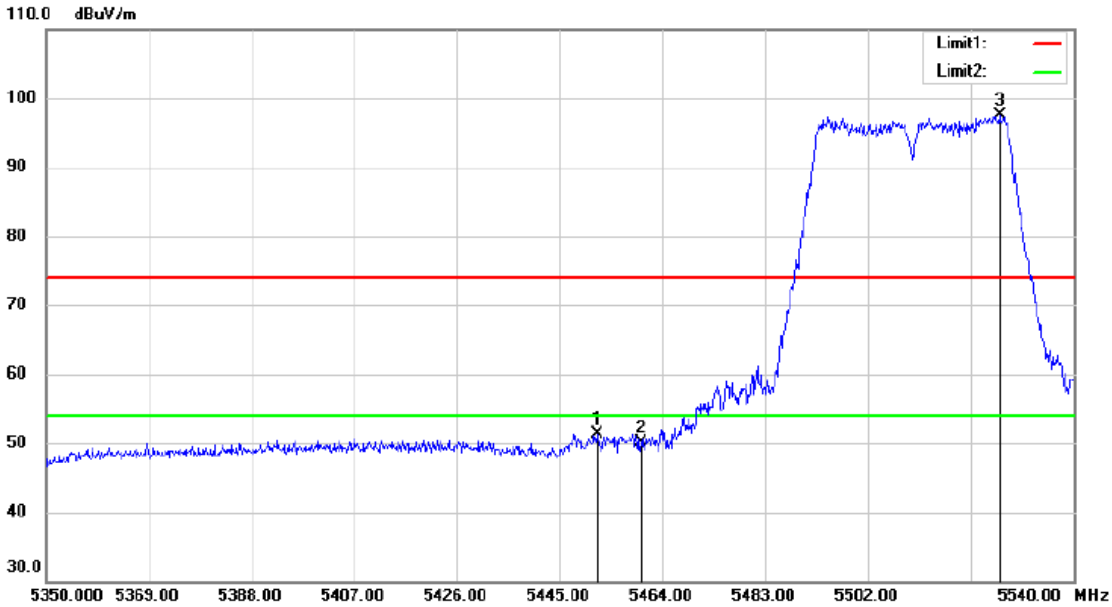
802.11 ac(VHT40) **Antenna B** **Channel: 102**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5413.65	43.23	7.27	50.50	54	-3.50	Peak	Horizontal
2	5460	40.73	7.11	47.84	54	-6.16	Peak	Horizontal
3	5507.32	80.93	6.95	87.88	54	33.88	Peak	Horizontal
1	451.840	44.15	7.13	51.28	54	-2.72	Peak	Vertical
2	5460.000	43.03	7.11	50.14	54	-3.86	Peak	Vertical
3	5526.320	90.65	6.91	97.56	54	43.56	Peak	Vertical

Horizontal



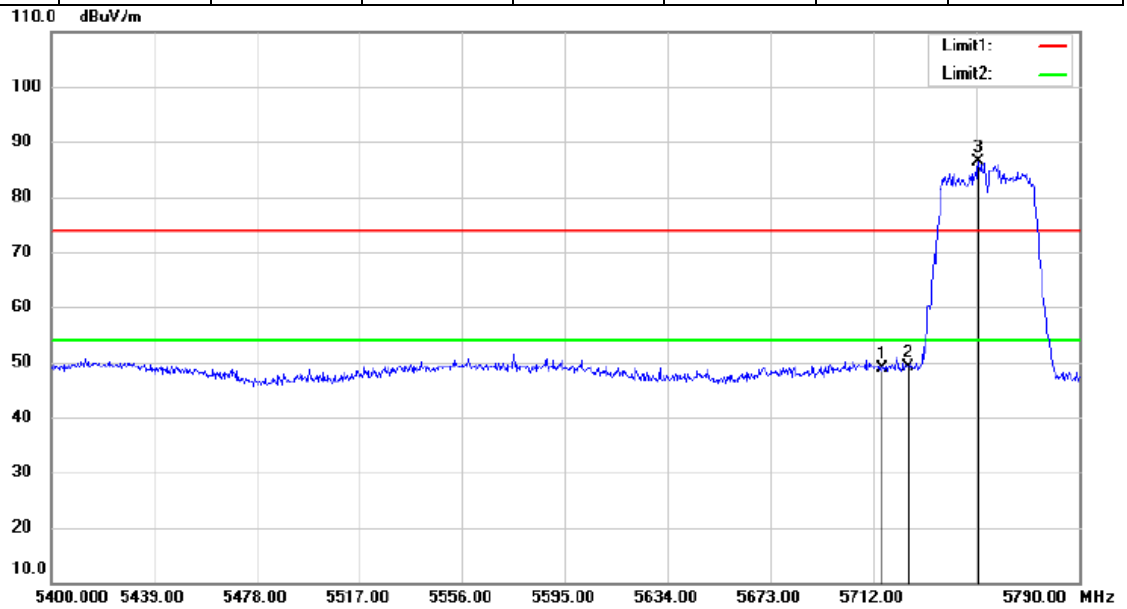
Vertical



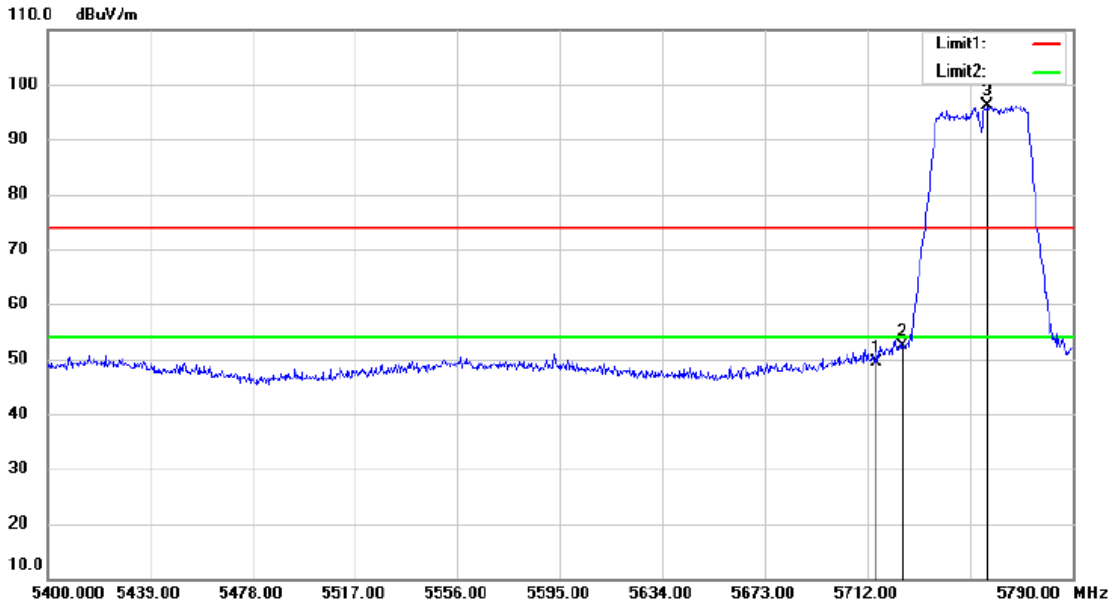
802.11 ac(VHT40) **Antenna A** **Channel: 151**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5715	41.99	6.84	48.83	54	-5.17	Peak	Horizontal
2	5725	42.26	6.82	49.08	54	-4.92	Peak	Horizontal
3	5751.78	79.52	6.77	86.29	54	32.29	Peak	Horizontal
1	5715	42.57	6.84	49.41	54	-4.59	Peak	Vertical
2	5725	45.59	6.82	52.41	54	-1.59	Peak	Vertical
3	5757.63	89.48	6.75	96.23	54	42.23	Peak	Vertical

Horizontal



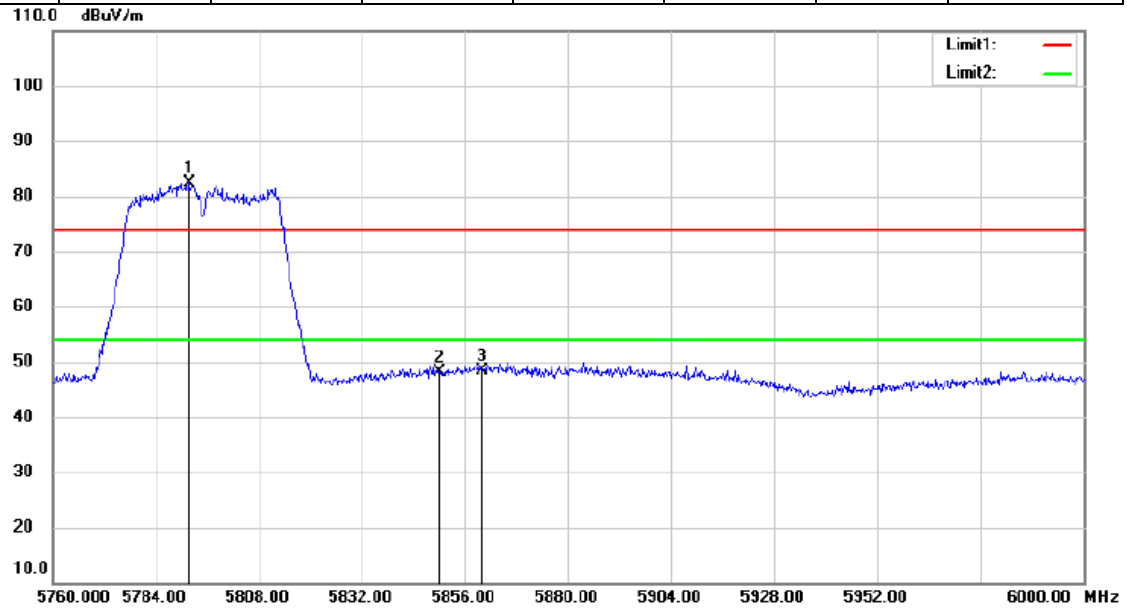
Vertical



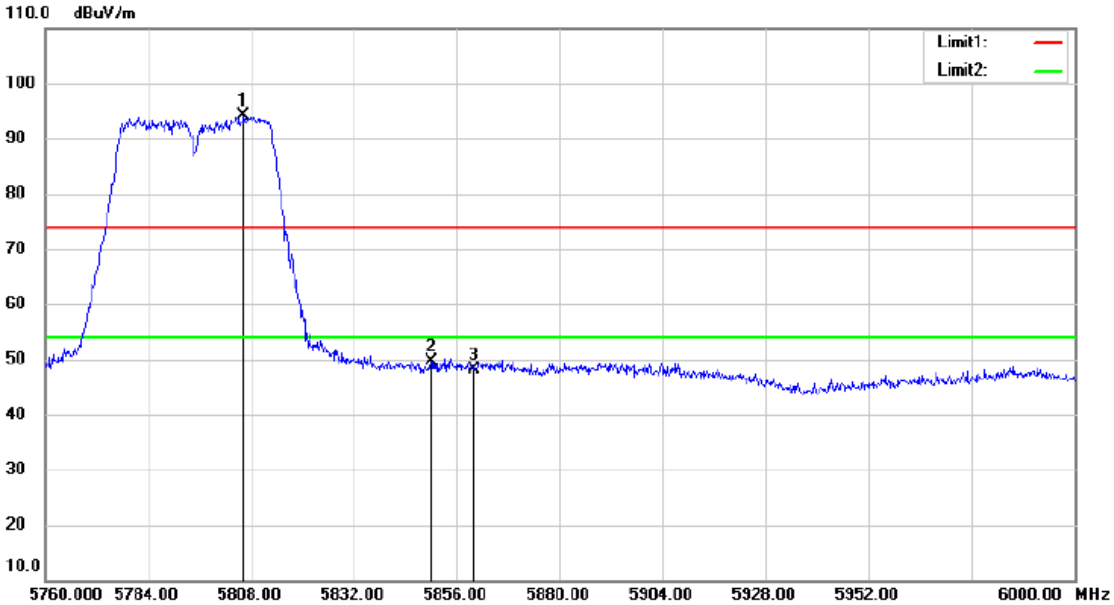
802.11 ac(VHT40) **Antenna A** **Channel: 159**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5791.68	75.81	6.69	82.50	54	28.50	Peak	Horizontal
2	5850	41.42	6.64	48.06	54	-5.94	Peak	Horizontal
3	5860	41.64	6.63	48.27	54	-5.73	Peak	Horizontal
1	5806.32	87.57	6.66	94.23	54	40.23	Peak	Vertical
2	5850	42.94	6.64	49.58	54	-4.42	Peak	Vertical
3	5860	41.56	6.63	48.19	54	-5.81	Peak	Vertical

Horizontal



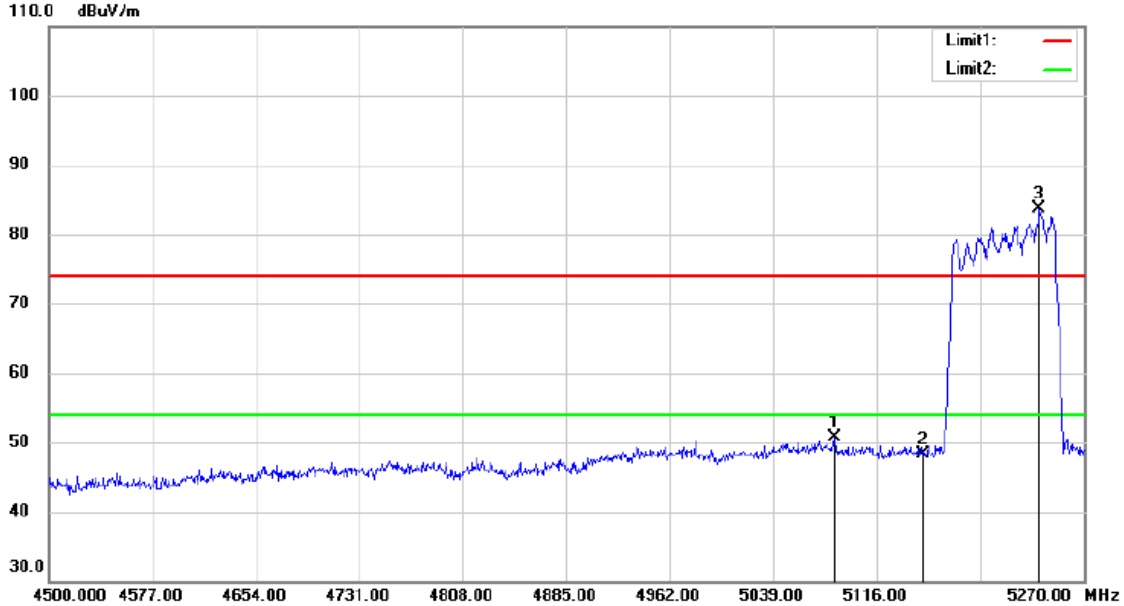
Vertical



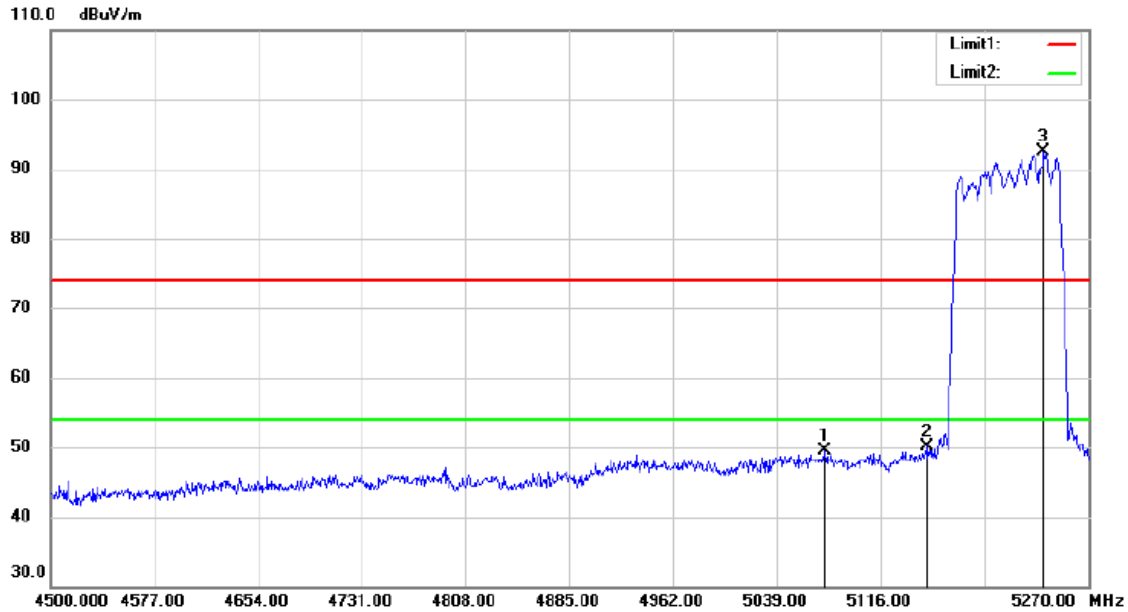
802.11 ac(VHT80) **Antenna B** **Channel: 42**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5084.43	43.43	7.29	50.72	54	-3.28	Peak	Horizontal
2	5150	41.39	6.92	48.31	54	-5.69	Peak	Horizontal
3	5236.89	76.96	6.65	83.61	54	29.61	Peak	Horizontal
1	5074.42	42.25	7.33	49.58	54	-4.42	Peak	Vertical
2	5150	43.18	6.92	50.10	54	-3.90	Peak	Vertical
3	5236.89	85.78	6.65	92.43	54	38.43	Peak	Vertical

Horizontal



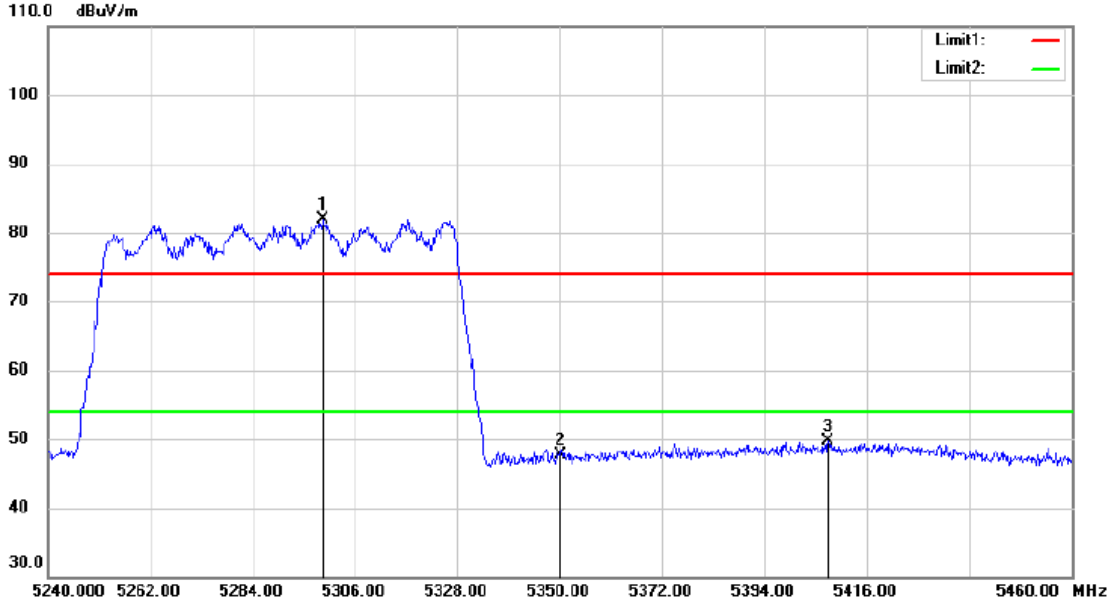
Vertical



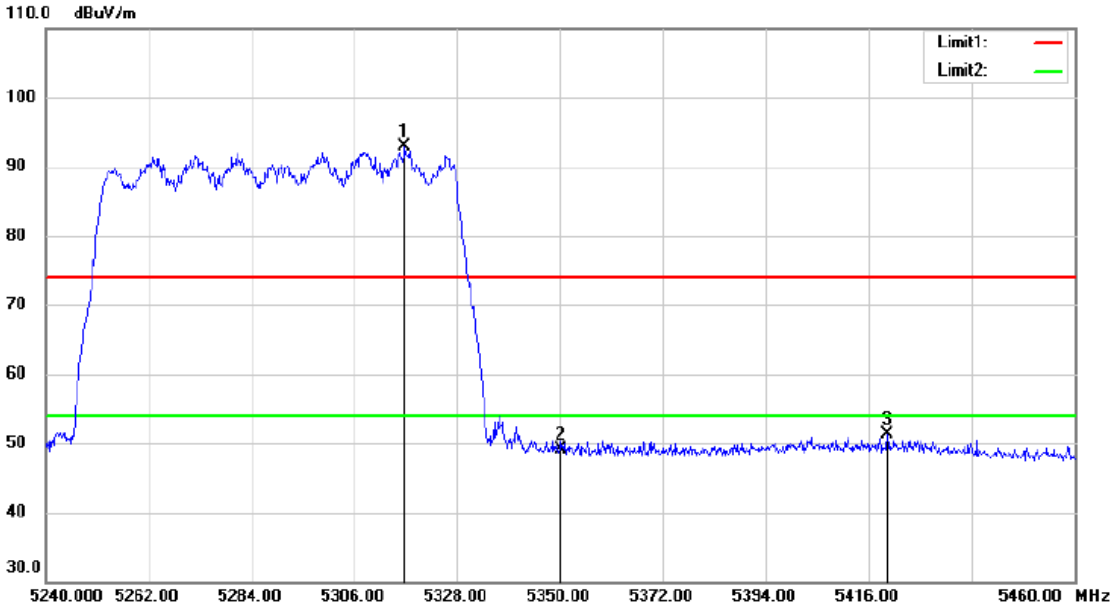
802.11 ac(VHT80) **Antenna B** **Channel: 58**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5298.96	75.31	6.65	81.96	54	27.96	Peak	Horizontal
2	5350	40.63	6.98	47.61	54	-6.39	Peak	Horizontal
3	5407.64	42.46	7.30	49.76	54	-4.24	Peak	Horizontal
1	5316.78	86.07	6.76	92.83	54	38.83	Peak	Vertical
2	5350	42.03	6.98	49.01	54	-4.99	Peak	Vertical
3	5419.96	44.14	7.25	51.39	54	-2.61	Peak	Vertical

Horizontal



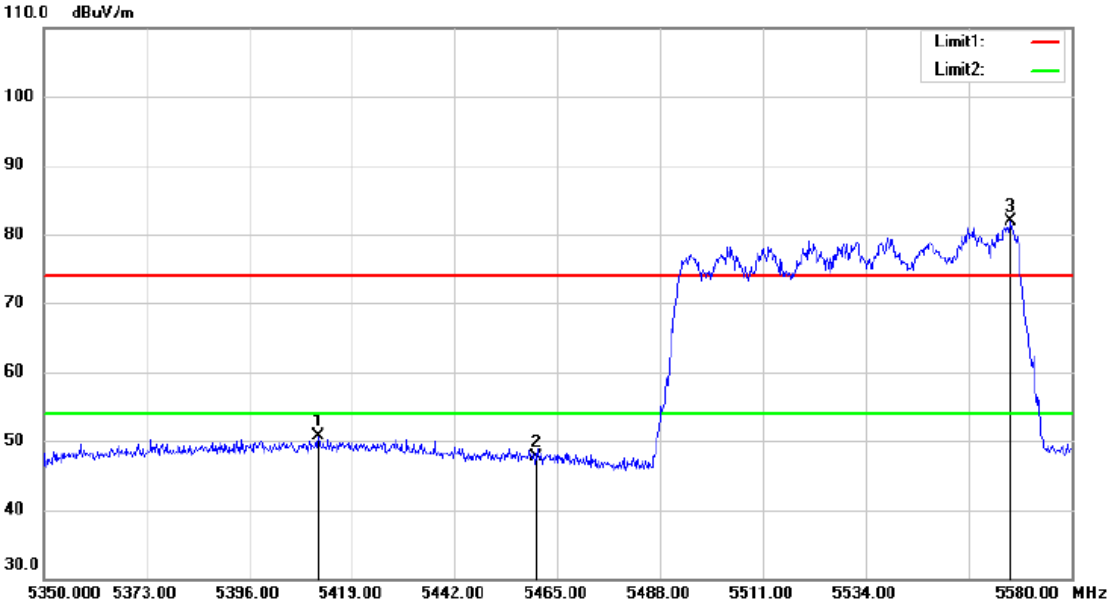
Vertical



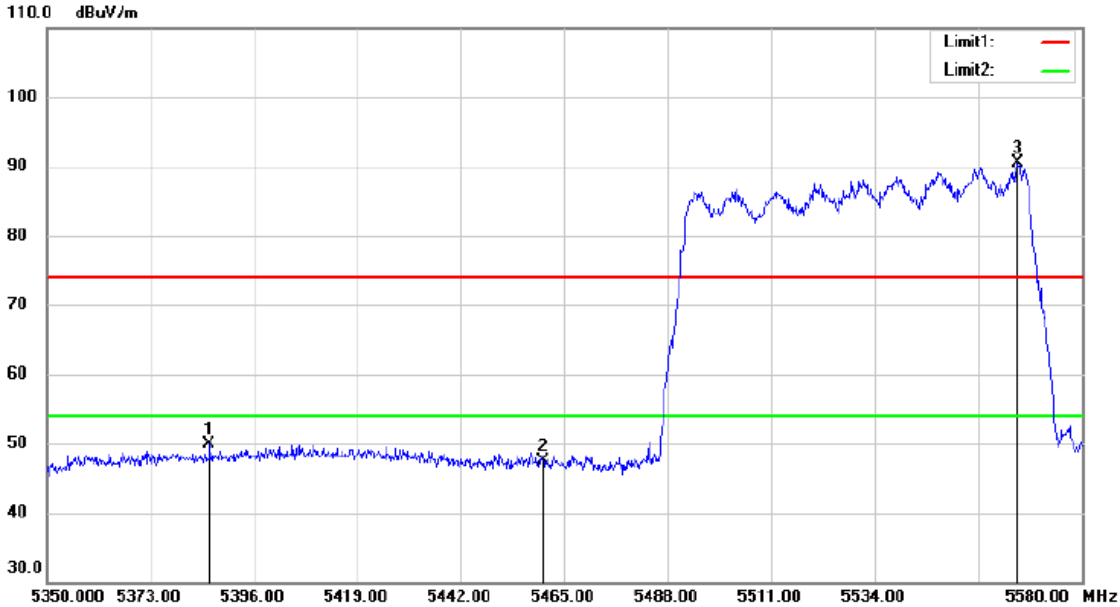
802.11 ac(VHT80) **Antenna B** **Channel: 106**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5411.41	43.41	7.28	50.69	54	-3.31	Peak	Horizontal
2	5460	40.50	7.11	47.61	54	-6.39	Peak	Horizontal
3	5566.43	75.05	6.84	81.89	54	27.89	Peak	Horizontal
1	5386.11	42.64	7.23	49.87	54	-4.13	Peak	Vertical
2	5460	40.30	7.11	47.41	54	-6.59	Peak	Vertical
3	5565.74	83.58	6.84	90.42	54	36.42	Peak	Vertical

Horizontal



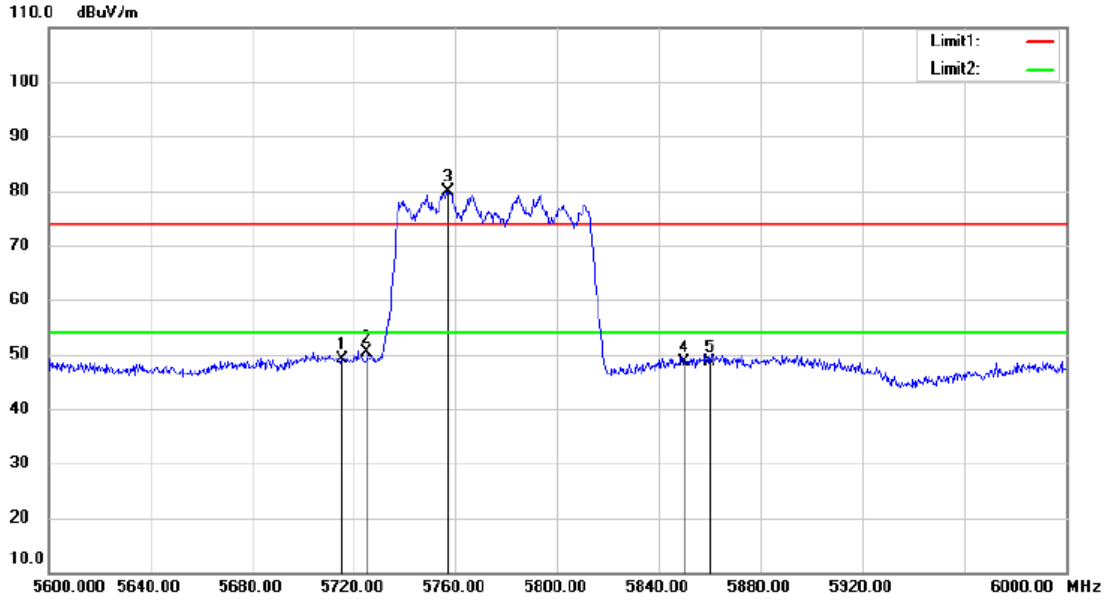
Vertical



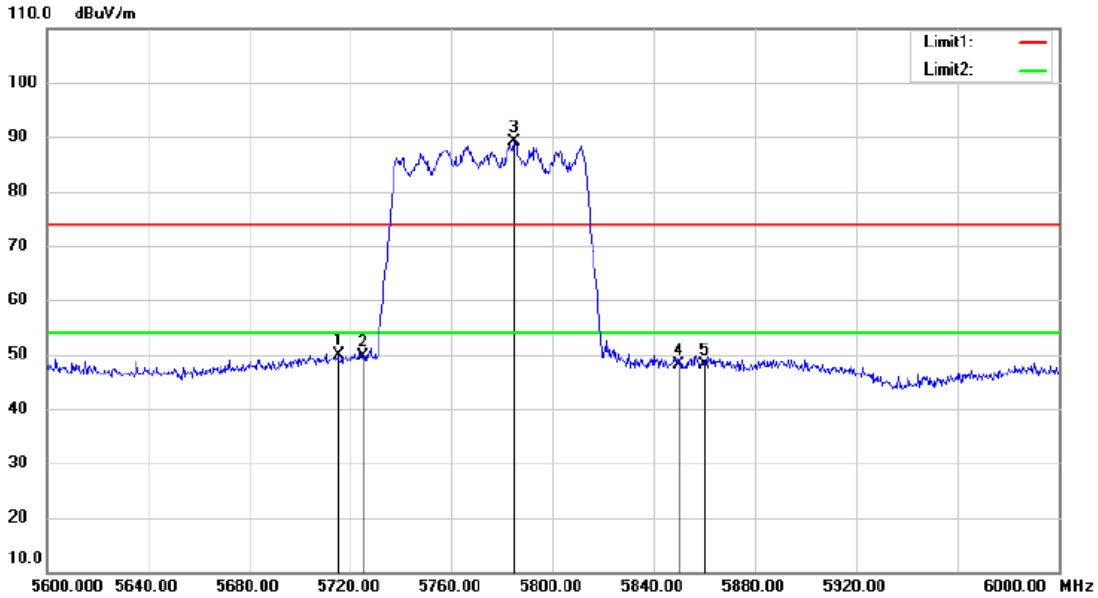
802.11 ac(VHT80) **Antenna A** **Channel: 155**

MK.	Frequency (MHz)	Reading (dBuV/m)	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Polarization
1	5715	42.24	6.84	49.08	54	-4.92	Peak	Horizontal
2	5725	43.50	6.82	50.32	54	-3.68	Peak	Horizontal
3	5756.8	73.25	6.75	80.00	54	26.00	Peak	Horizontal
4	5850	42.04	6.64	48.68	54	-5.32	Peak	Horizontal
5	5860	42.04	6.63	48.67	54	-5.33	Peak	Horizontal
1	5715	43.10	6.84	49.94	54	-4.06	Peak	Vertical
2	5725	42.88	6.82	49.70	54	-4.30	Peak	Vertical
3	5784.8	82.42	6.7	89.12	54	35.12	Peak	Vertical
4	5850	41.45	6.64	48.09	54	-5.91	Peak	Vertical
5	5860	41.53	6.63	48.16	54	-5.84	Peak	Vertical

Horizontal



Vertical



Remark: 1. Test Level = Receiver Reading + Antenna Factor + Cable Loss- Preamplifier Factor

2. No any other emission which falls in restricted bands can be detected and be reported.

3. If the Peak value below the AV Limit, the AV test doesn't perform for this submission.