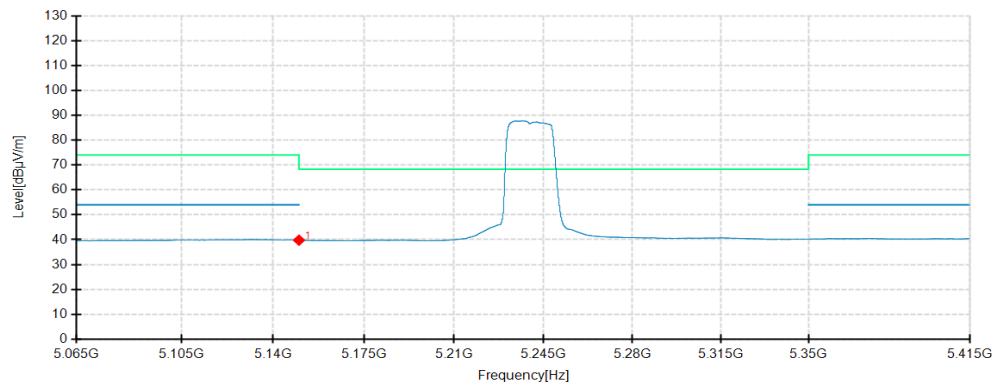


802.11n HT20 mode/5240MHz

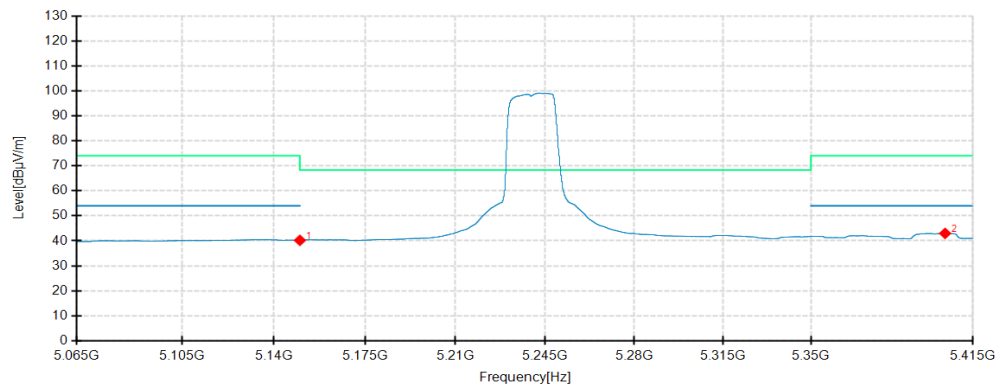
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



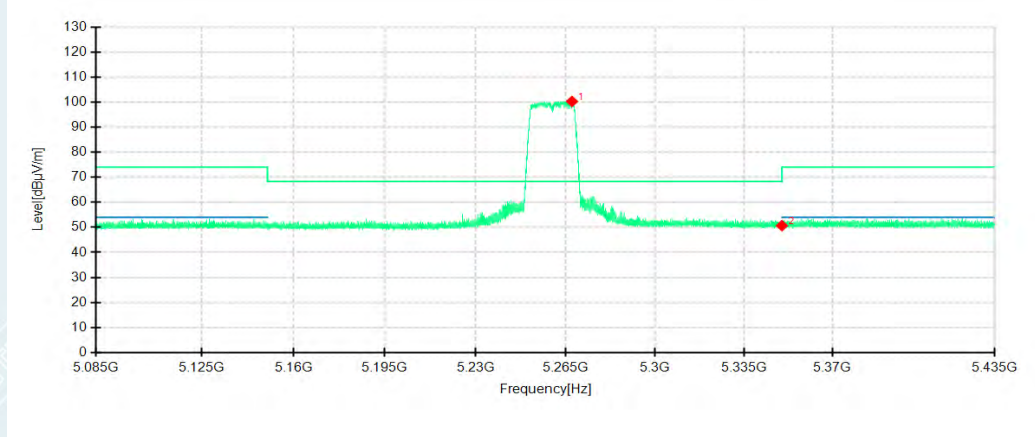
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5150.0000	24.98	39.79	14.81	54.00	14.21	100	360	Horizontal	/
1	5150.0000	25.38	40.19	14.81	54.00	13.81	200	0	Vertical	/
2	5403.8000	27.02	42.97	15.95	54.00	11.03	200	0	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11n HT20 mode/5260MHz (MIMO)

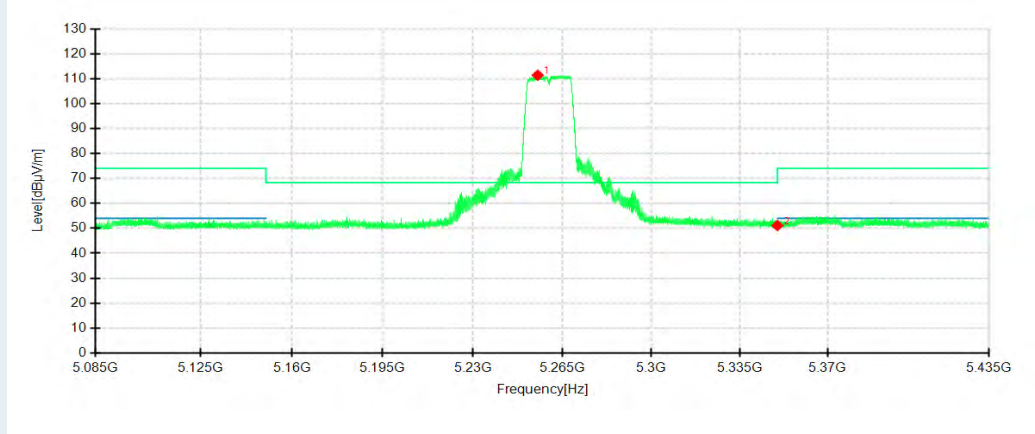
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

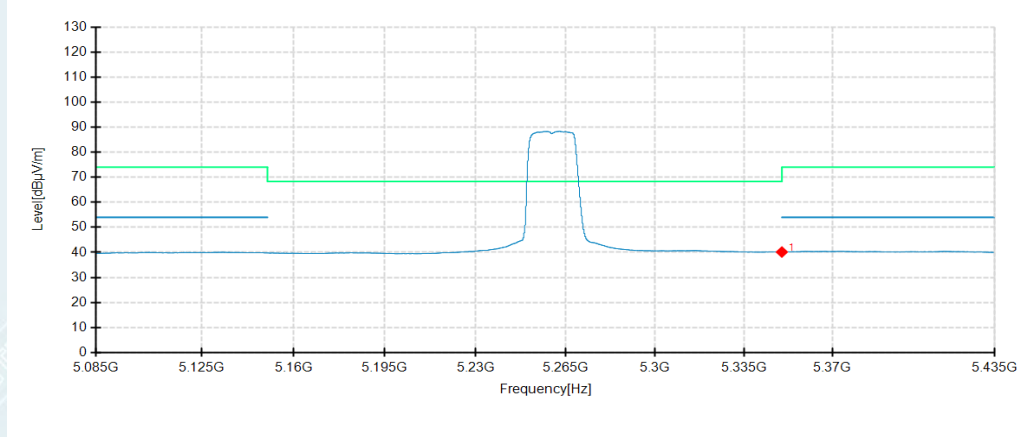


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5267.4725	84.58	100.26	15.68	68.30	-31.96	100	155	Horizontal	No limit
2	5350.0000	34.66	50.66	16.00	74.00	23.34	200	308	Horizontal	/
1	5255.3275	95.86	111.39	15.53	68.30	-43.09	200	122	Vertical	No limit
2	5350.0000	35.10	51.10	16.00	74.00	22.90	100	238	Vertical	/

802.11n HT20 mode/5260MHz

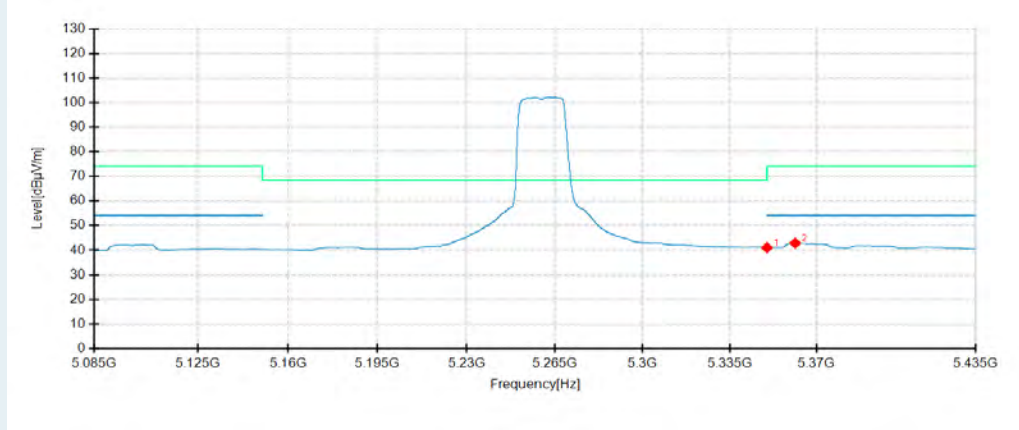
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



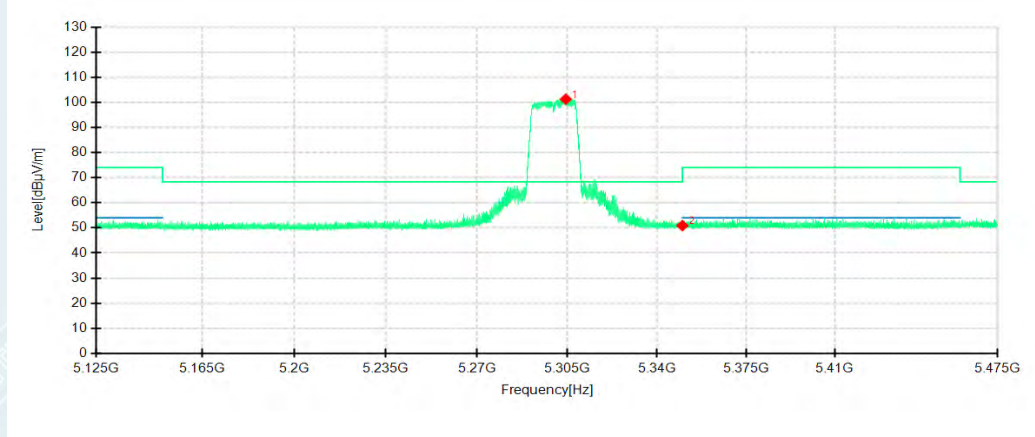
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5350.0000	24.15	40.15	16.00	54.00	13.85	100	360	Horizontal	/
1	5350.0000	25.02	41.02	16.00	54.00	12.98	200	0	Vertical	/
2	5361.4300	26.87	42.86	15.99	54.00	11.14	200	360	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11n HT20 mode/5300MHz

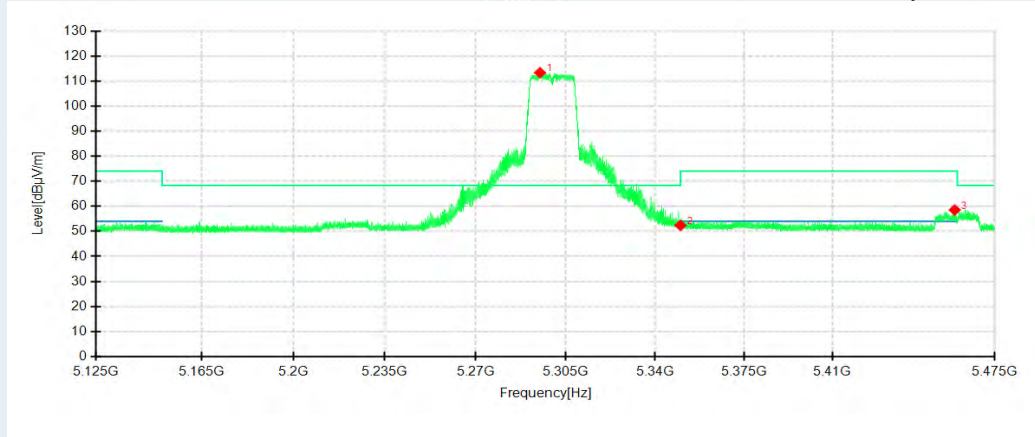
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

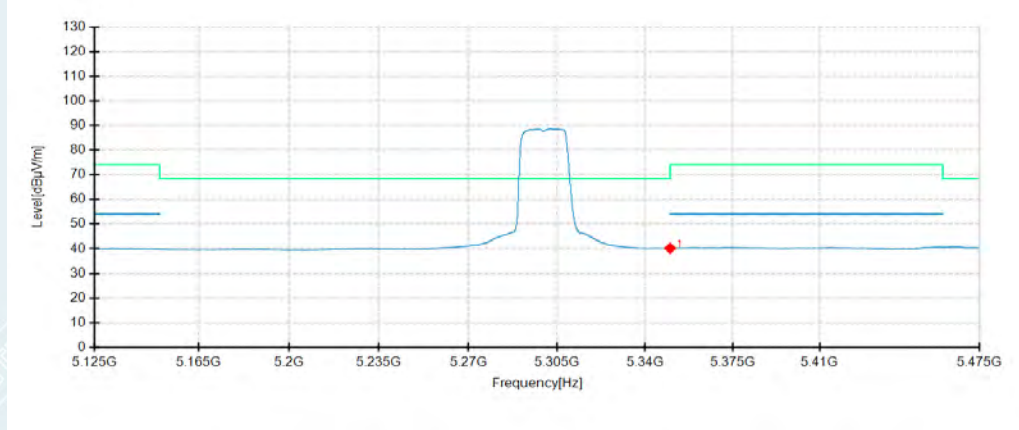


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5304.4800	85.19	101.24	16.05	68.30	-32.94	200	238	Horizontal	No limit
2	5350.0000	34.91	50.91	16.00	74.00	23.09	200	238	Horizontal	/
1	5295.0475	97.31	113.31	16.00	68.30	-45.01	200	238	Vertical	No limit
2	5350.0000	36.40	52.40	16.00	74.00	21.60	200	165	Vertical	/
3	5458.9350	42.49	58.53	16.04	74.00	15.47	200	238	Vertical	/

802.11n HT20 mode/5300MHz(MIMO)

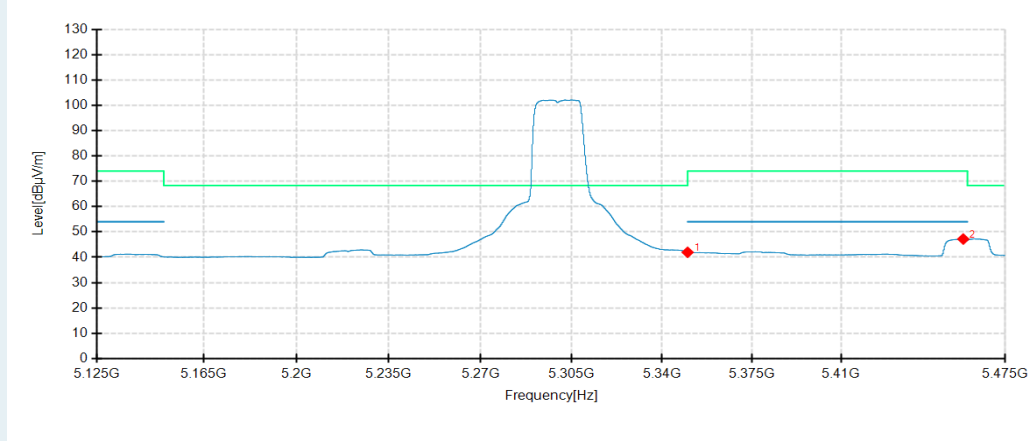
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



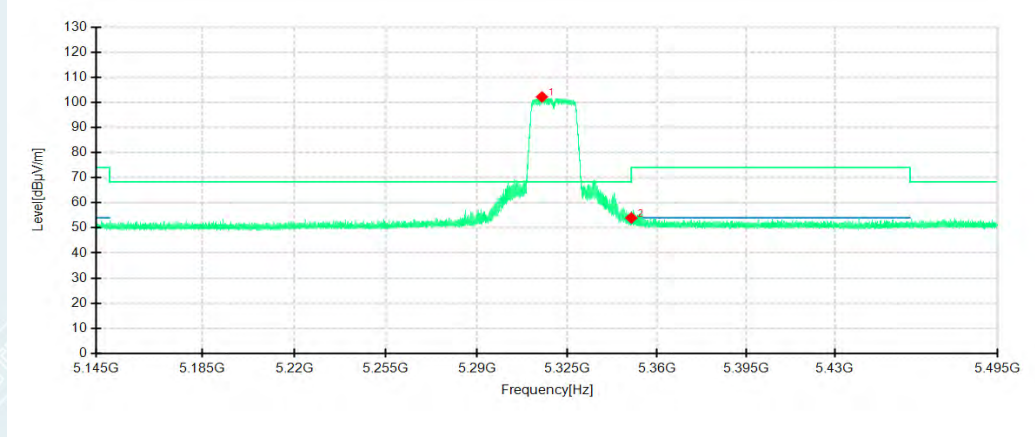
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5350.0000	24.17	40.17	16.00	54.00	13.83	100	90	Horizontal	/
1	5350.0000	25.96	41.96	16.00	54.00	12.04	200	0	Vertical	/
2	5458.3400	31.15	47.19	16.04	54.00	6.81	200	360	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11n HT20 mode/5320MHz (MIMO)

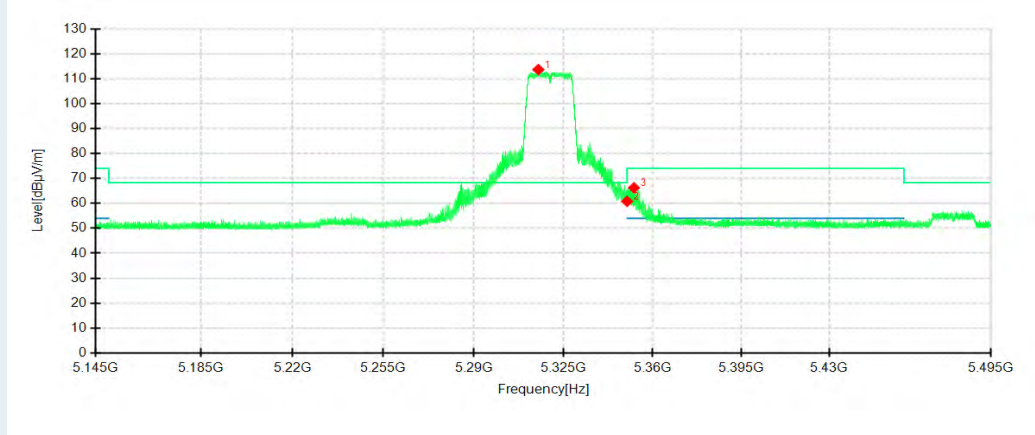
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

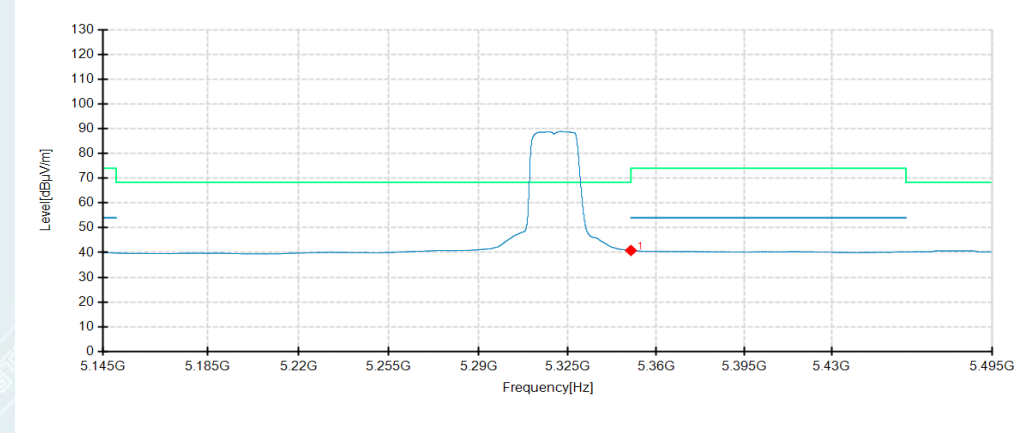


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5315.2225	86.10	102.14	16.04	68.30	-33.84	200	238	Horizontal	No limit
2	5350.0000	37.93	53.93	16.00	74.00	20.07	200	238	Horizontal	/
1	5315.2225	97.57	113.61	16.04	68.30	-45.31	200	238	Vertical	No limit
2	5350.0000	44.80	60.80	16.00	74.00	13.20	200	238	Vertical	/
3	5352.7075	50.25	66.25	16.00	74.00	7.75	200	238	Vertical	/

802.11n HT20 mode/5320MHz (MIMO)

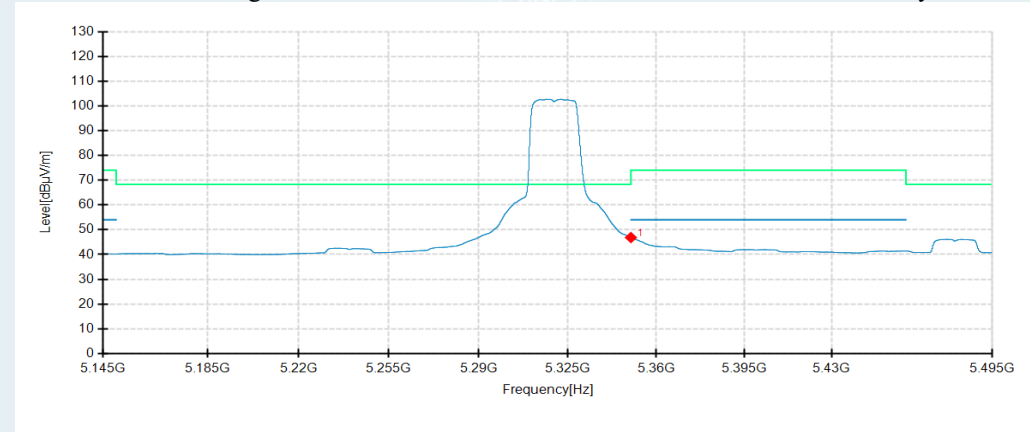
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



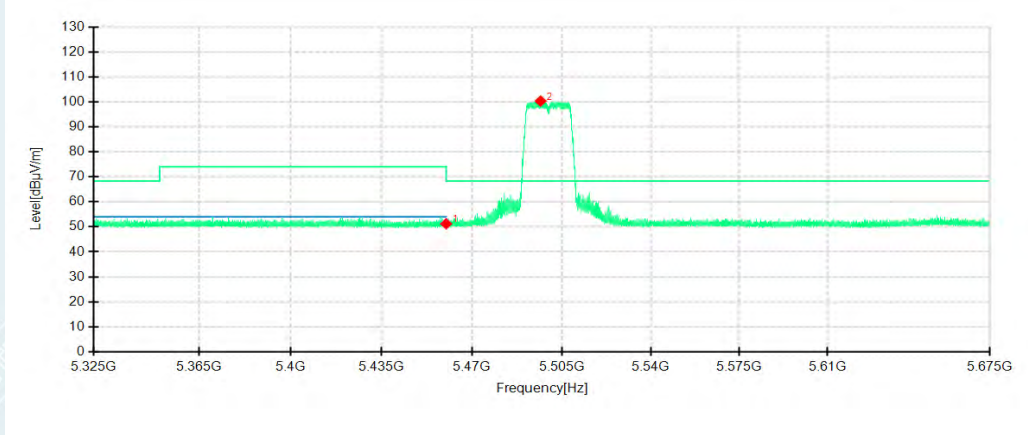
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5350.0000	24.82	40.82	16.00	54.00	13.18	100	0	Horizontal	/
1	5350.0000	30.85	46.85	16.00	54.00	7.15	200	270	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11n HT20 mode/5500MHz (MIMO)

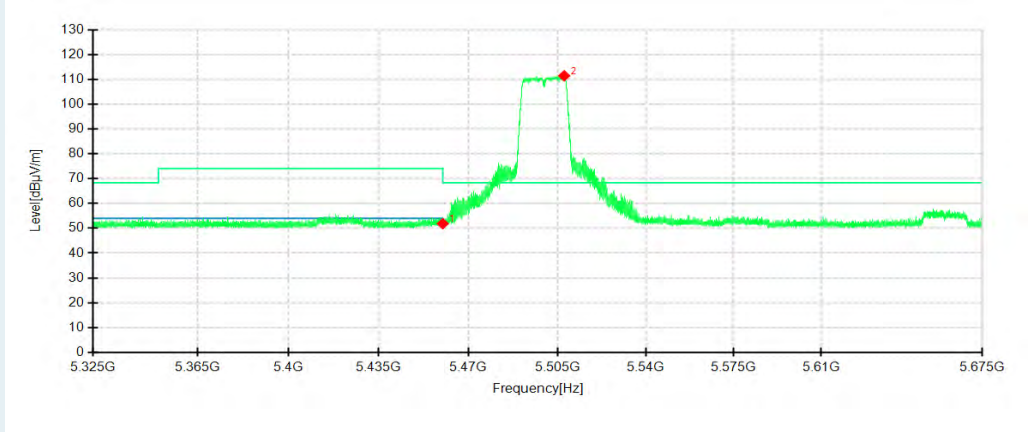
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

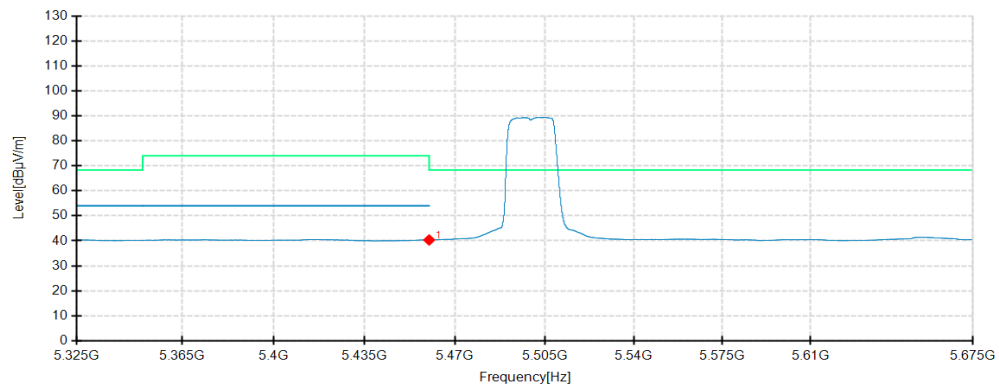


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	35.16	51.20	16.04	74.00	22.80	200	63	Horizontal	/
2	5496.7450	84.22	100.32	16.10	68.30	-32.02	200	238	Horizontal	No limit
1	5460.0000	35.82	51.86	16.04	74.00	22.14	100	122	Vertical	/
2	5507.6475	95.29	111.40	16.11	68.30	-43.10	200	238	Vertical	No limit

802.11n HT20 mode/5500MHz (MIMO)

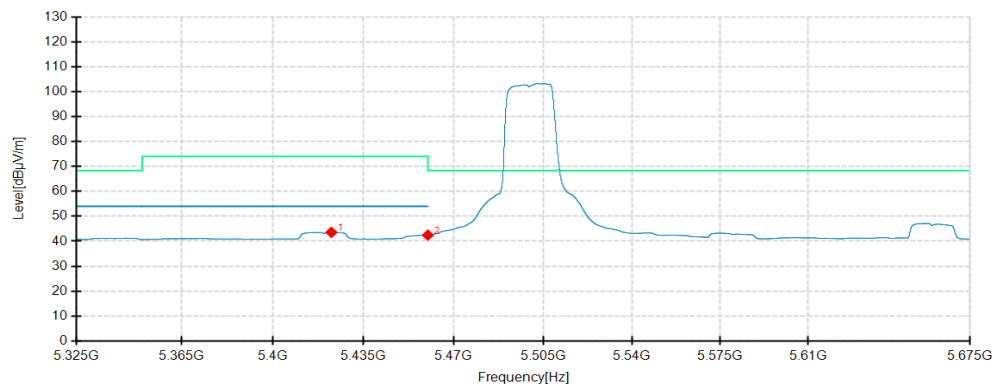
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



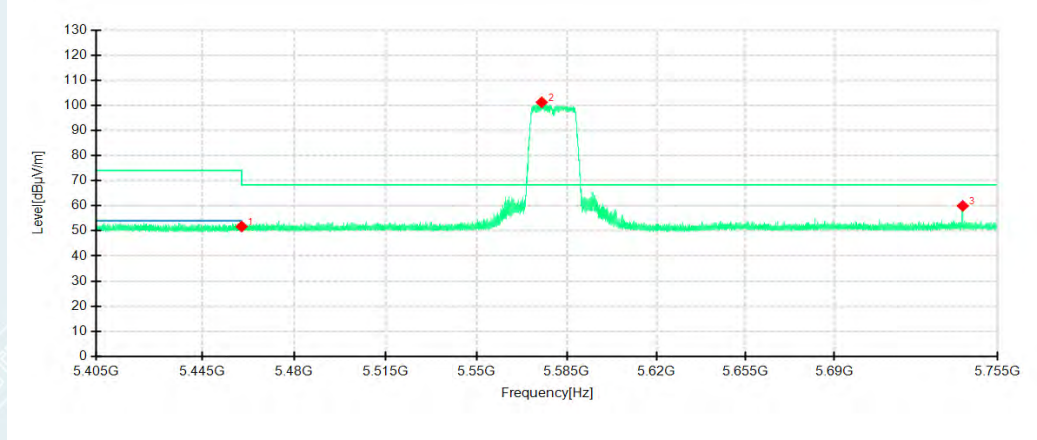
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	24.30	40.34	16.04	54.00	13.66	100	0	Horizontal	/
1	5422.5975	27.58	43.56	15.98	54.00	10.44	200	0	Vertical	/
2	5460.0000	26.40	42.44	16.04	54.00	11.56	200	0	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11n HT20 mode/5580MHz (MIMO)

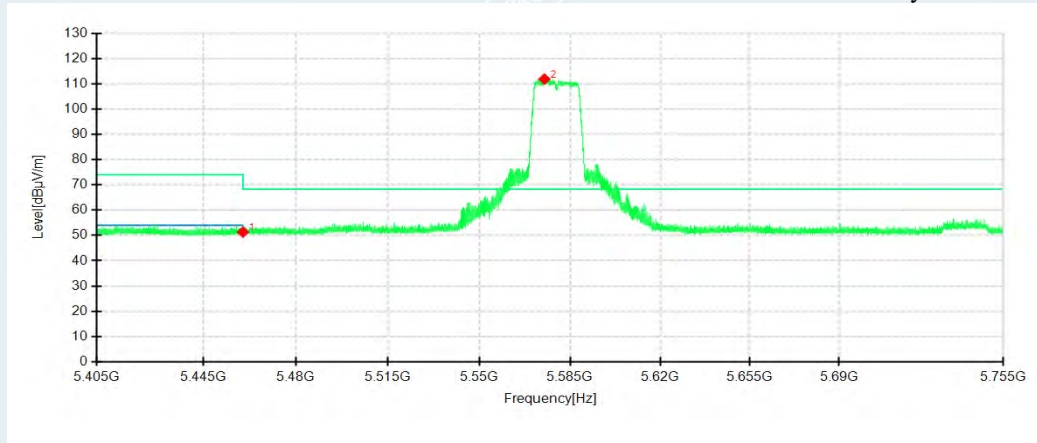
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

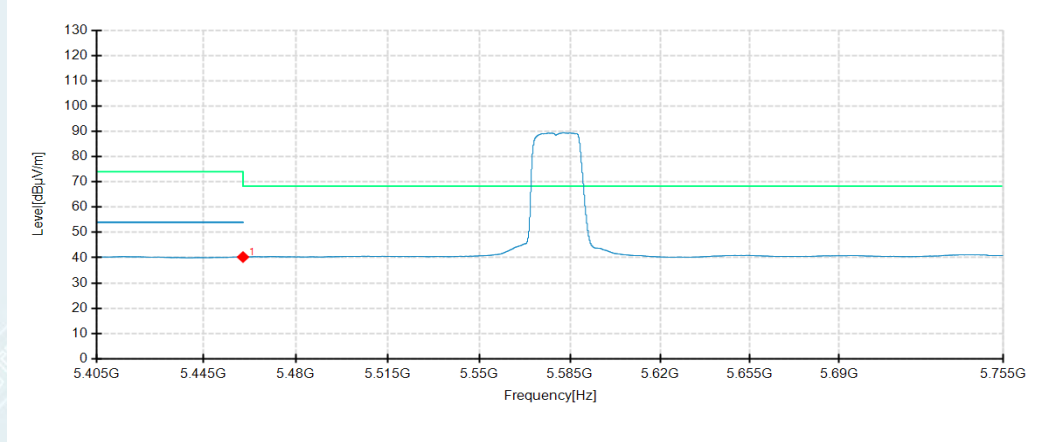


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	35.68	51.72	16.04	74.00	22.28	200	7	Horizontal	/
2	5575.2575	85.04	101.20	16.16	68.30	-32.90	200	238	Horizontal	No limit
3	5741.0875	43.27	59.95	16.68	68.30	8.35	100	324	Horizontal	/
1	5460.0000	35.28	51.32	16.04	74.00	22.68	200	30	Vertical	/
2	5575.0825	95.68	111.84	16.16	68.30	-43.54	200	238	Vertical	No limit

802.11n HT20 mode/5580MHz (MIMO)

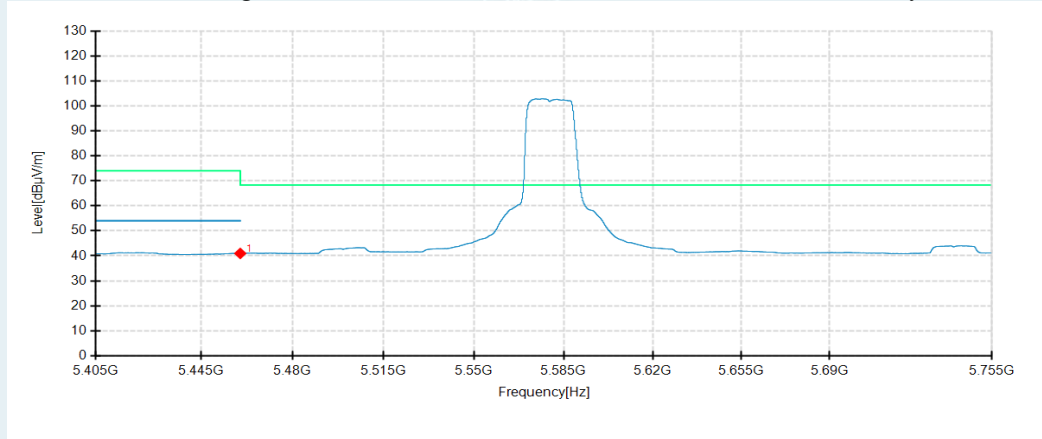
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



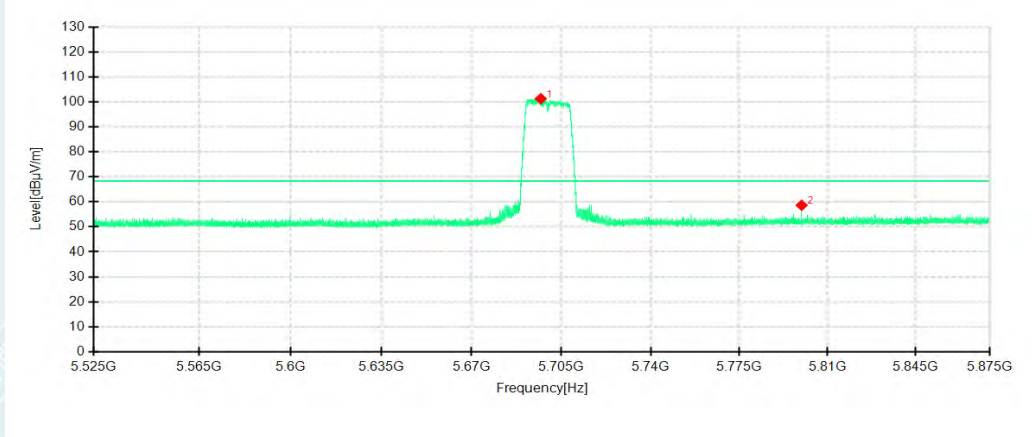
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	24.22	40.26	16.04	54.00	13.74	100	90	Horizontal	/
1	5460.0000	24.92	40.96	16.04	54.00	13.04	200	360	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11n HT20 mode/5700MHz (MIMO)

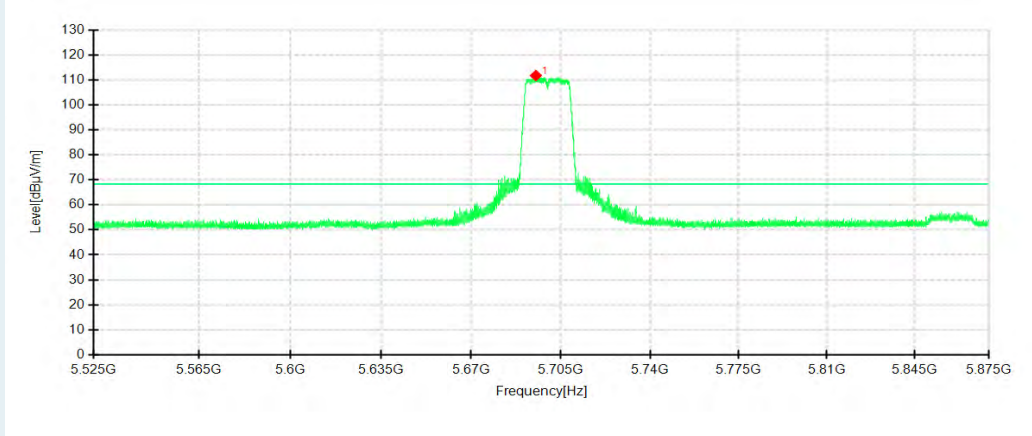
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

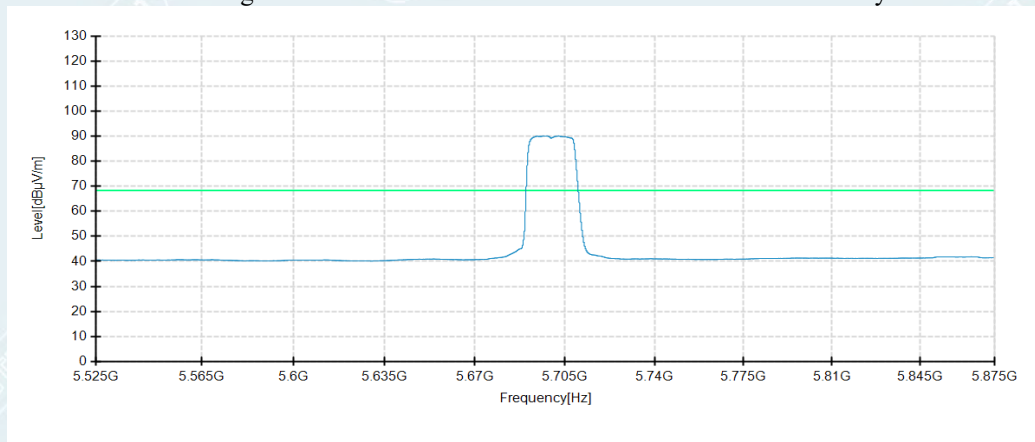


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5696.8850	85.02	101.24	16.22	68.30	-32.94	200	238	Horizontal	/
2	5799.7150	41.28	58.63	17.35	68.30	9.67	100	359	Horizontal	No limit
1	5695.2225	95.49	111.71	16.22	68.30	-43.41	200	238	Vertical	No limit

802.11n HT20 mode/5700MHz(MIMO)

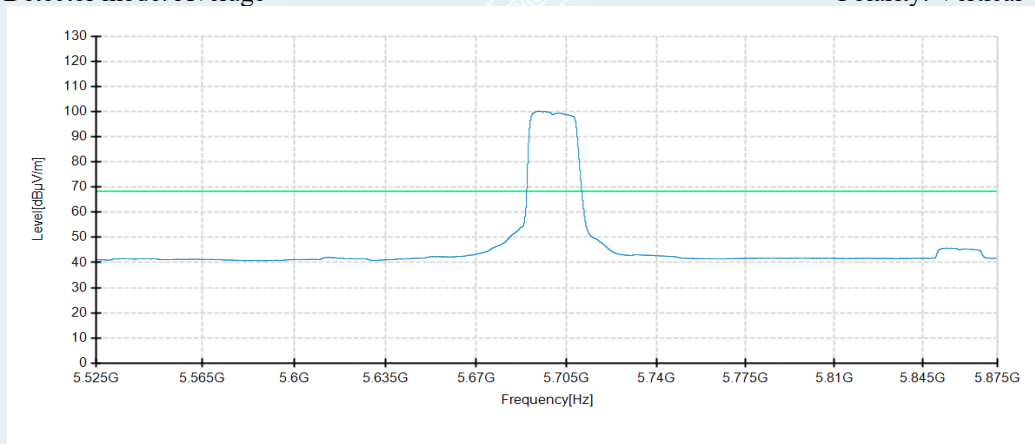
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical

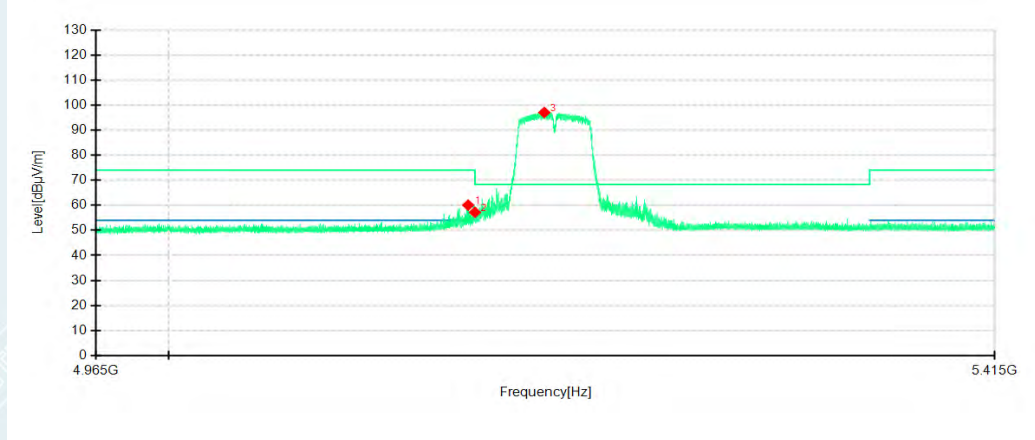


Remark: There is no limit to the main frequency signal.

802.11n HT40 mode/5190MHz (MIMO)

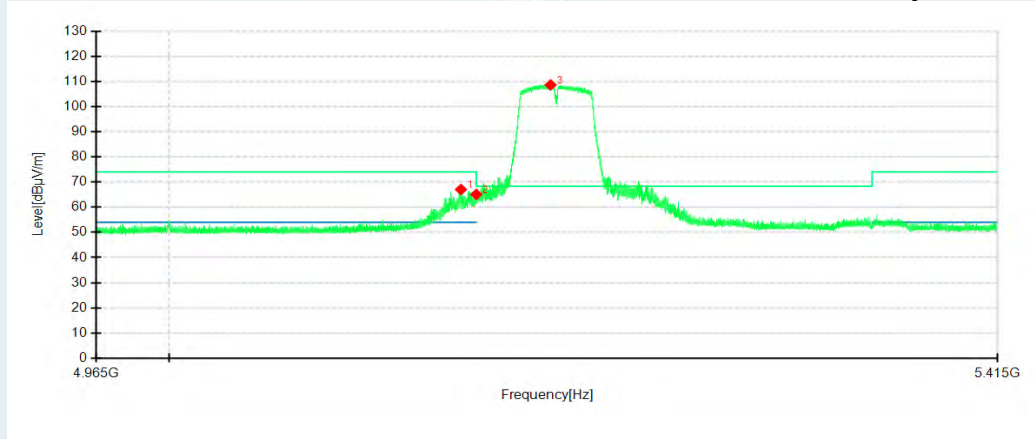
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

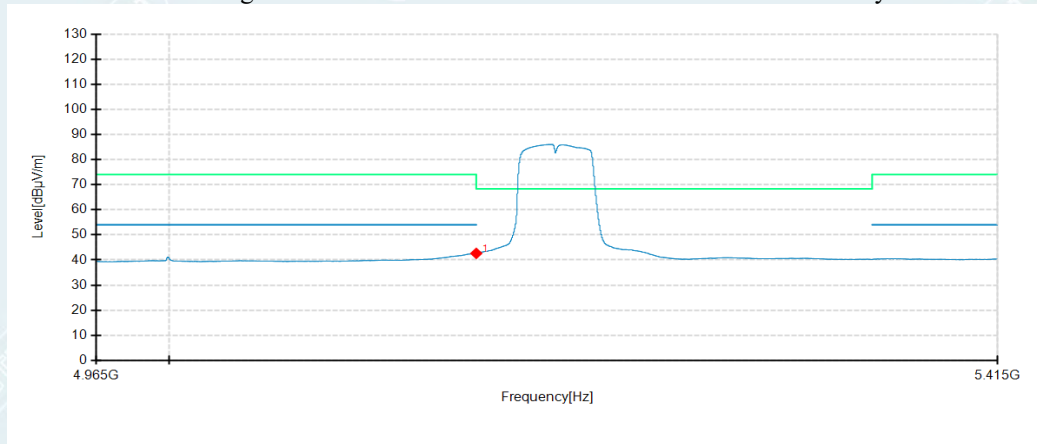


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5146.6425	45.26	60.07	14.81	74.00	13.93	200	283	Horizontal	/
2	5150.0000	42.39	57.20	14.81	74.00	16.80	100	238	Horizontal	/
3	5184.6225	82.18	97.04	14.86	68.30	-28.74	200	283	Horizontal	No limit
1	5142.4350	52.24	67.04	14.80	74.00	6.96	200	312	Vertical	/
2	5150.0000	50.27	65.08	14.81	74.00	8.92	200	122	Vertical	/
3	5186.9625	93.73	108.59	14.86	68.30	-40.29	200	339	Vertical	No limit

802.11n HT40 mode/5190MHz (MIMO)

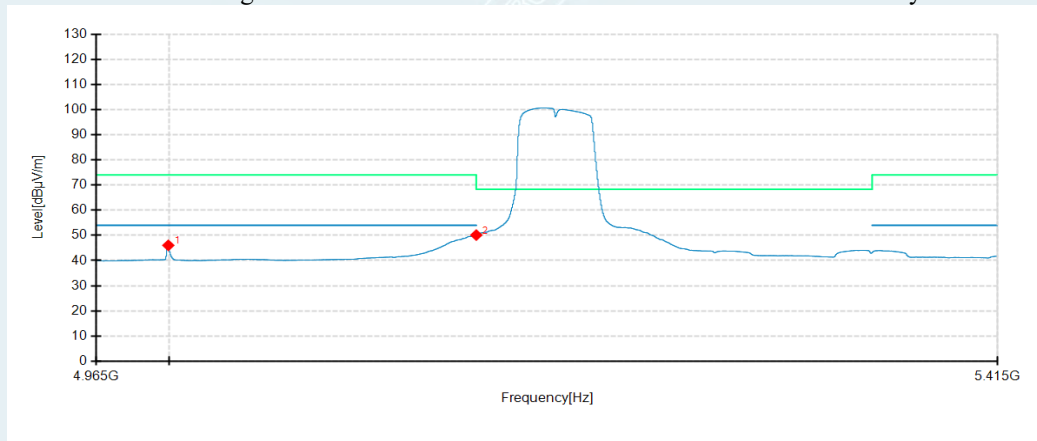
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



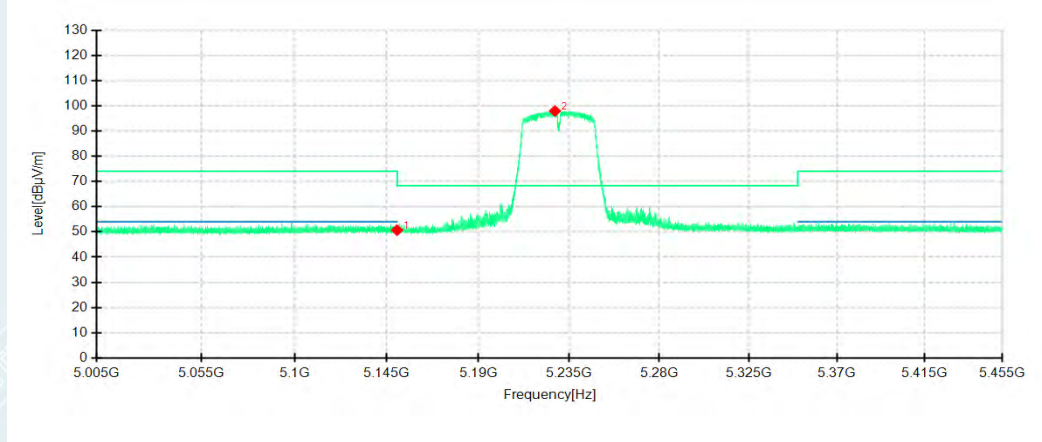
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5150.0000	27.81	42.62	14.81	54.00	11.38	200	270	Horizontal	/
1	4999.6050	31.75	46.04	14.29	54.00	7.96	200	180	Vertical	/
2	5150.0000	35.32	50.13	14.81	54.00	3.87	100	180	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11n HT40 mode/5230MHz (MIMO)

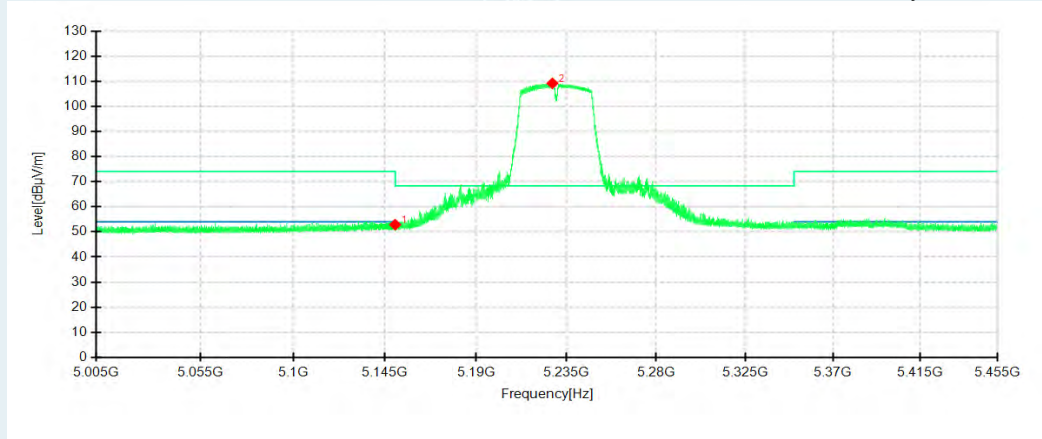
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

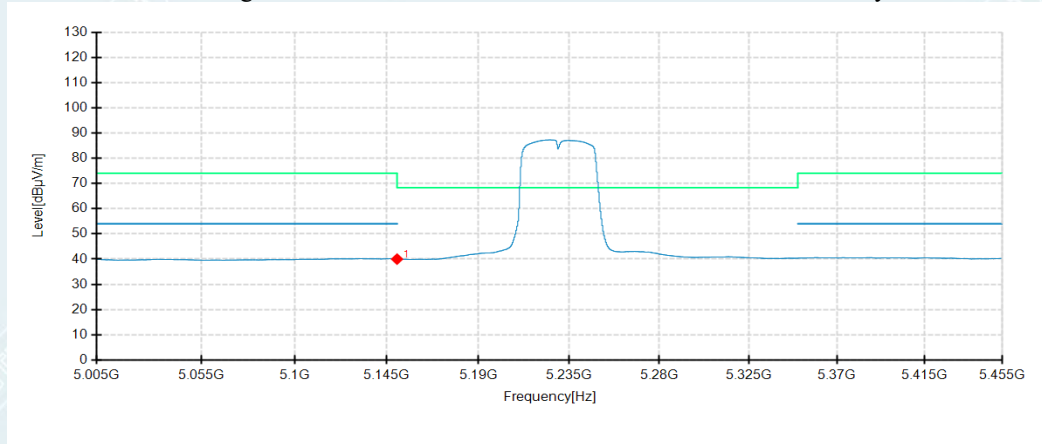


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5150.0000	35.91	50.72	14.81	74.00	23.28	100	92	Horizontal	/
2	5227.8850	82.71	97.92	15.21	68.30	-29.62	100	152	Horizontal	No limit
1	5150.0000	38.03	52.84	14.81	74.00	21.16	100	238	Vertical	/
2	5227.9075	93.94	109.15	15.21	68.30	-40.85	200	122	Vertical	No limit

802.11n HT40 mode/5230MHz(MIMO)

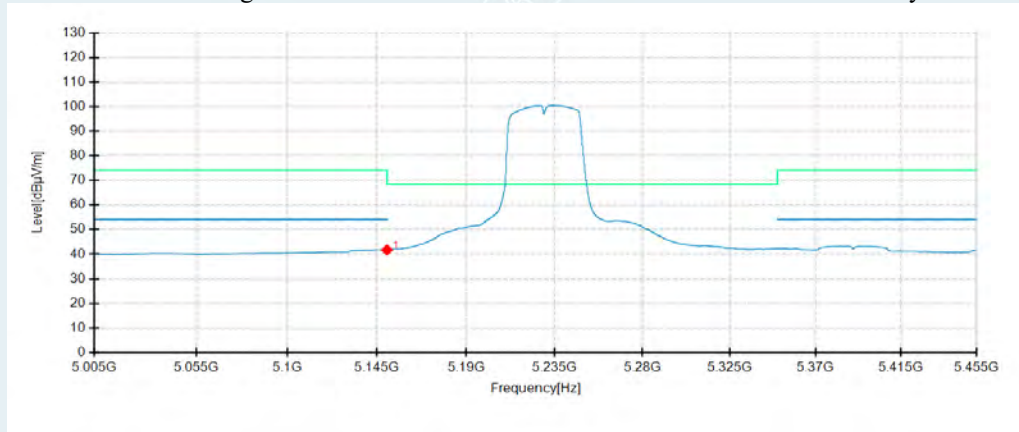
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



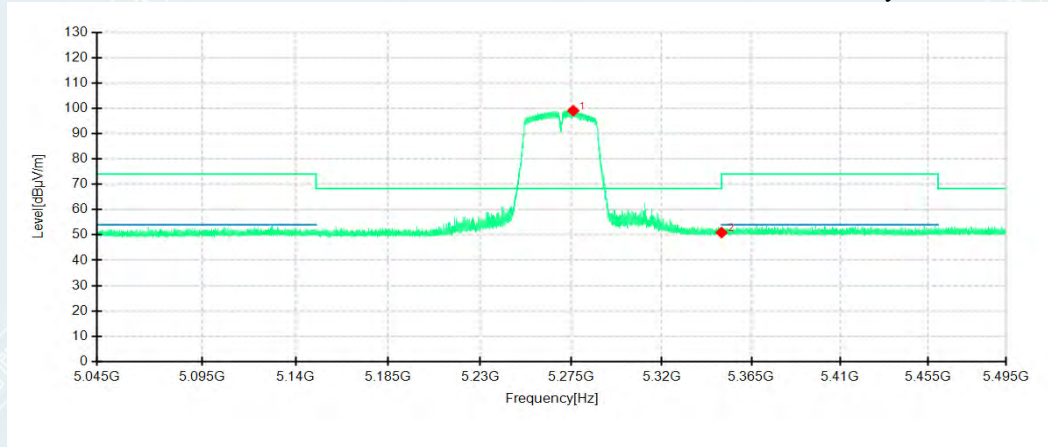
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5150.0000	25.19	40.00	14.81	54.00	14.00	200	360	Horizontal	/
1	5150.0000	26.89	41.70	14.81	54.00	12.30	100	90	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11n HT40 mode/5270MHz (MIMO)

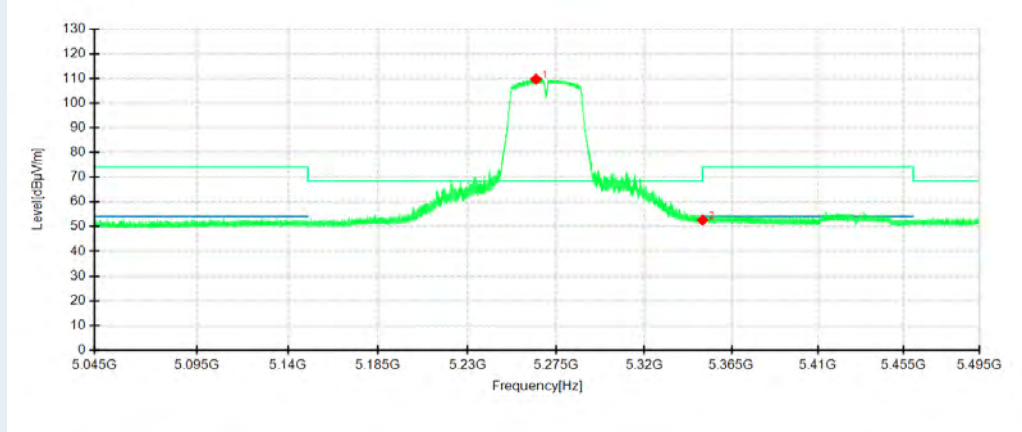
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

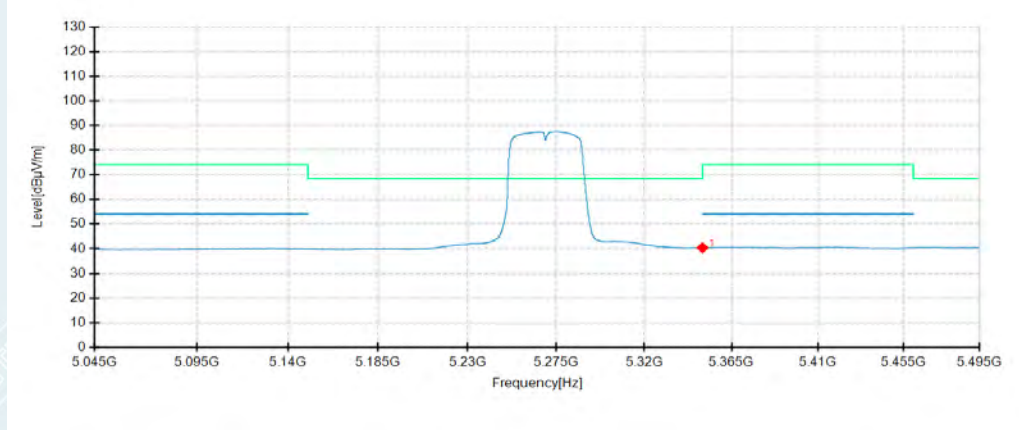


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5275.9400	83.25	99.03	15.78	68.30	-30.73	100	152	Horizontal	No limit
2	5350.0000	34.93	50.93	16.00	74.00	23.07	100	238	Horizontal	/
1	5264.6675	93.96	109.60	15.64	68.30	-41.30	200	122	Vertical	No limit
2	5350.0000	36.60	52.60	16.00	74.00	21.40	200	343	Vertical	/

802.11n HT40 mode/5270MHz(MIMO)

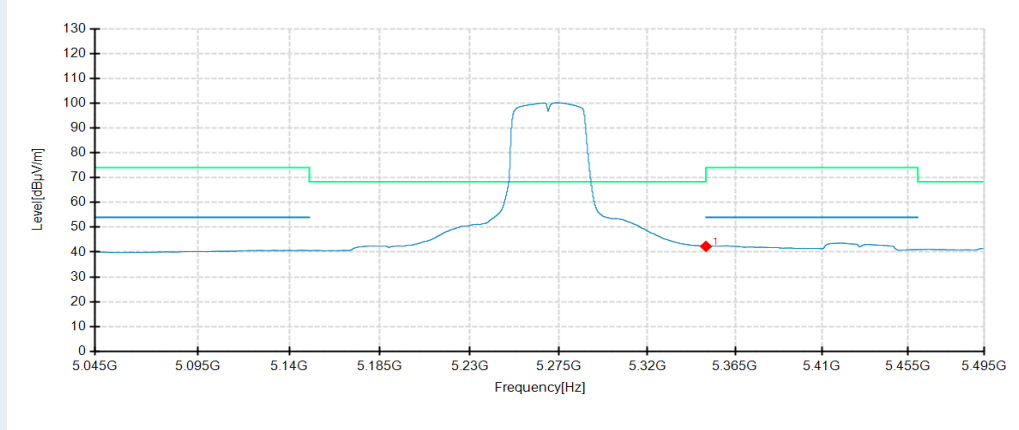
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



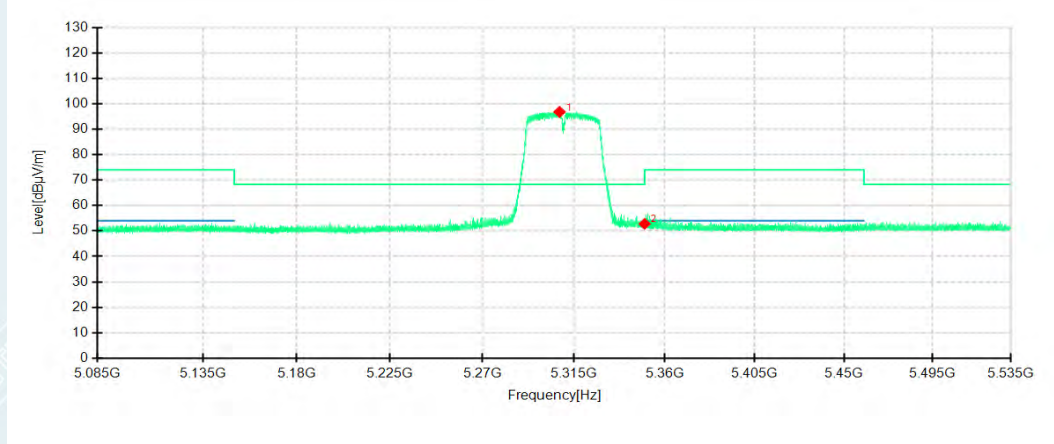
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5350.0000	24.36	40.36	16.00	54.00	13.64	100	180	Horizontal	/
1	5350.0000	26.29	42.29	16.00	54.00	11.71	200	360	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11n HT40 mode/5310MHz(MIMO)

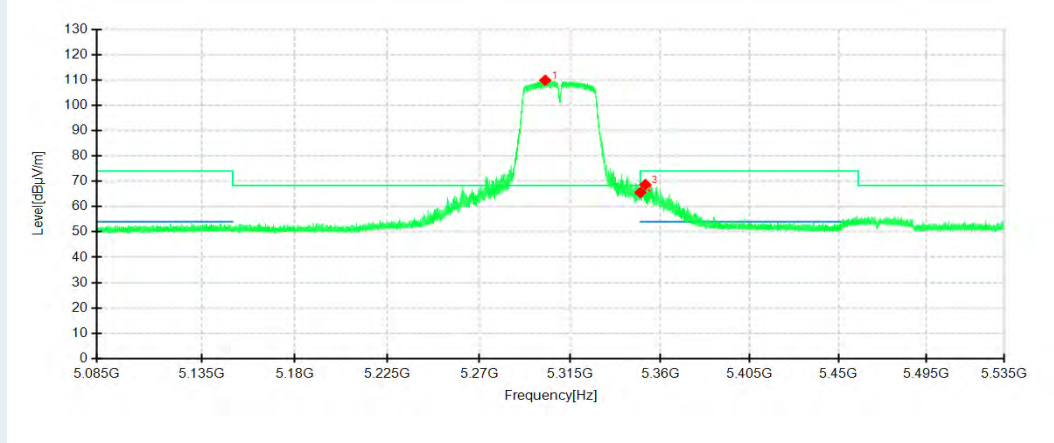
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

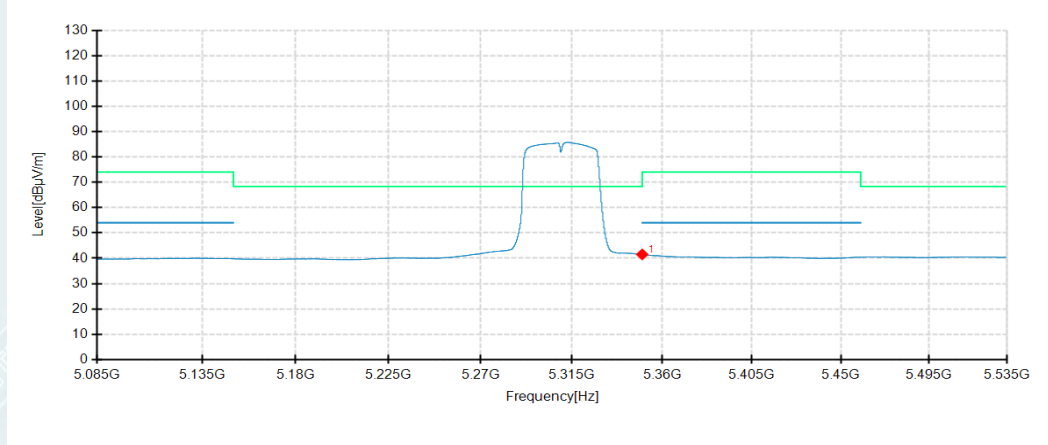


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5307.8850	80.73	96.78	16.05	68.30	-28.48	100	238	Horizontal	No limit
2	5350.0000	36.80	52.80	16.00	74.00	21.20	200	122	Horizontal	/
1	5302.5975	93.77	109.83	16.06	68.30	-41.53	200	323	Vertical	No limit
2	5350.0000	49.57	65.57	16.00	74.00	8.43	200	318	Vertical	/
3	5352.4575	52.65	68.65	16.00	74.00	5.35	200	318	Vertical	No limit

802.11n HT40 mode/5310MHz(MIMO)

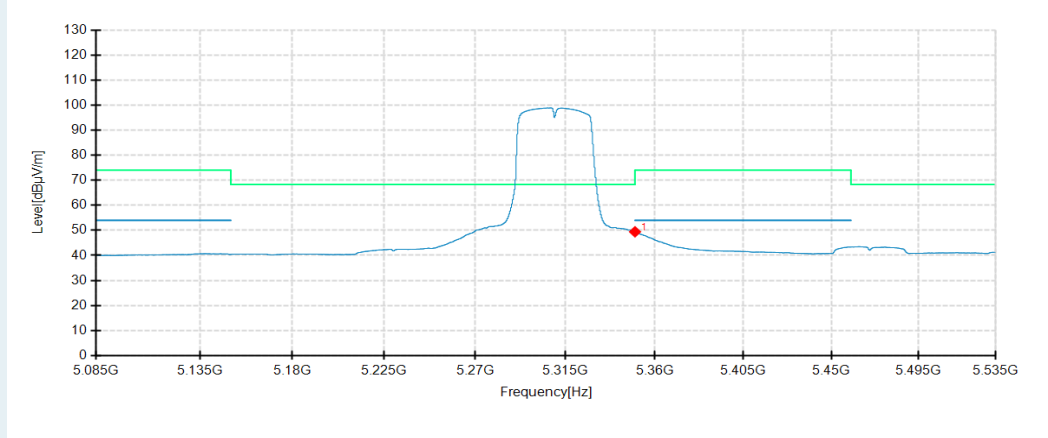
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



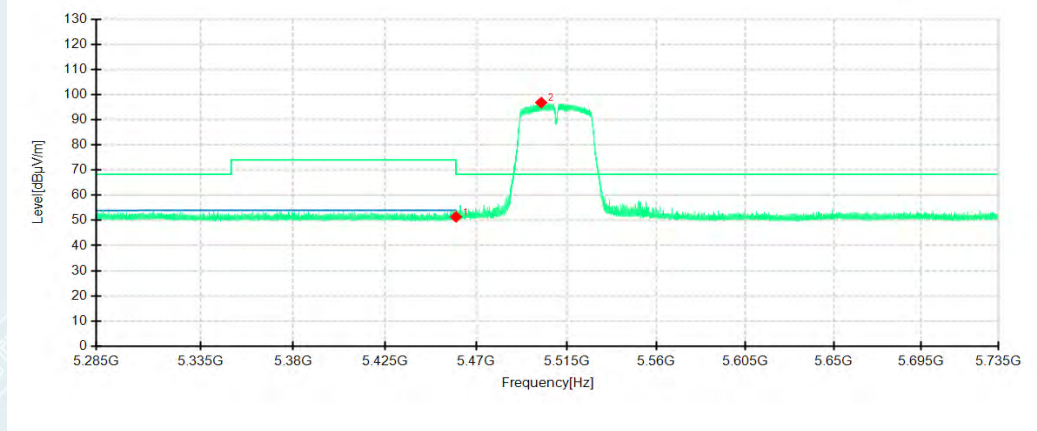
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5350.0000	36.80	52.80	16.00	74.00	21.20	200	122	Horizontal	/
1	5350.0000	33.41	49.41	16.00	54.00	4.59	200	360	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11n HT40 mode/5510MHz(MIMO)

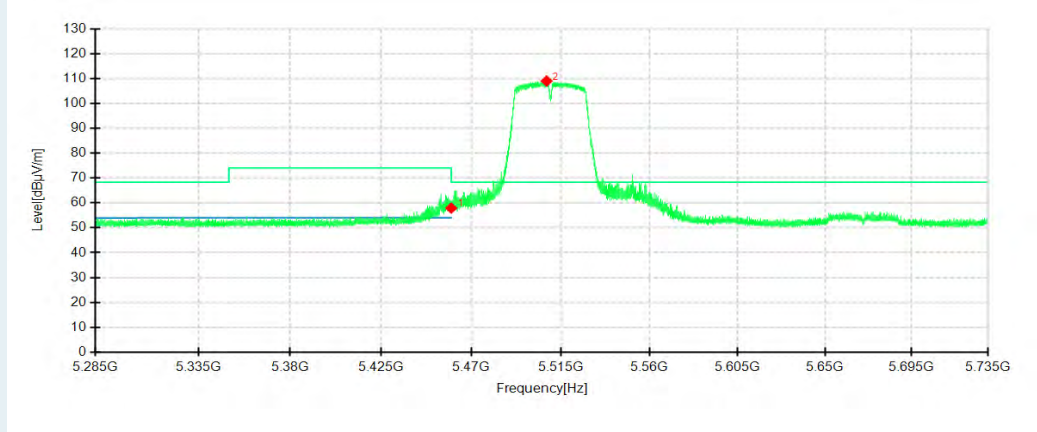
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

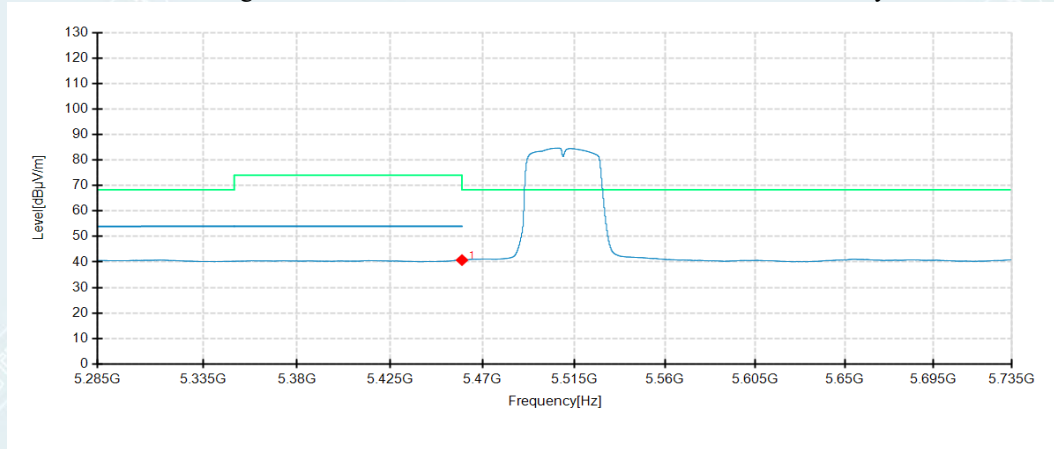


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	35.35	51.39	16.04	74.00	22.61	100	4	Horizontal	/
2	5502.3275	80.69	96.80	16.11	68.30	-28.50	200	122	Horizontal	No limit
1	5460.0000	41.85	57.89	16.04	74.00	16.11	200	285	Vertical	/
2	5507.8850	92.86	108.97	16.11	68.30	-40.67	200	334	Vertical	No limit

802.11n HT40 mode/5510MHz (MIMO)

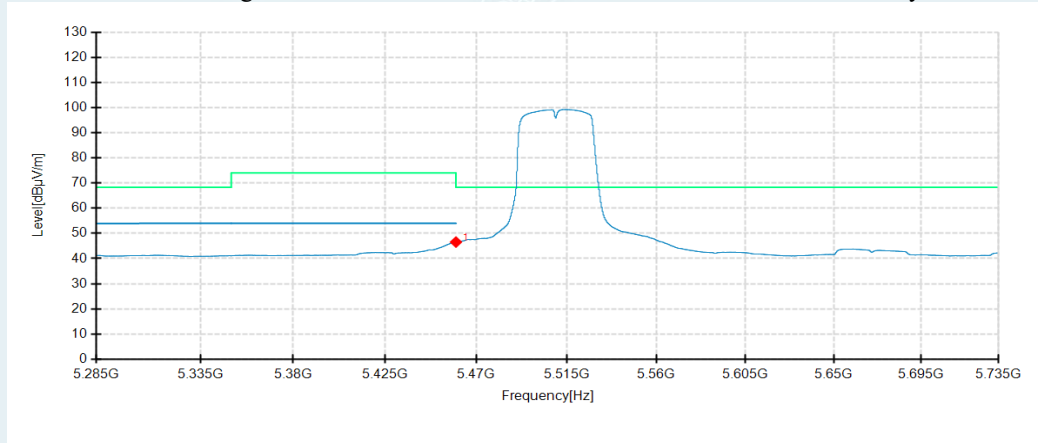
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



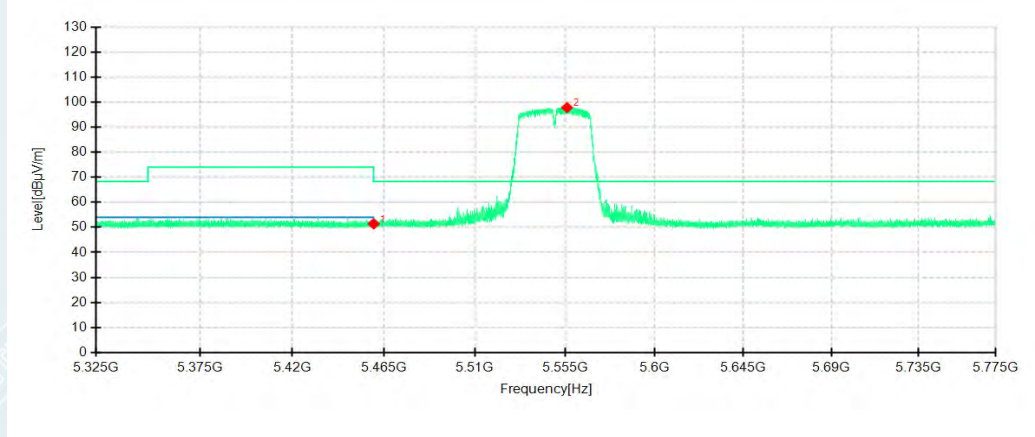
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	24.71	40.75	16.04	54.00	13.25	100	270	Horizontal	/
1	5460.0000	30.51	46.55	16.04	54.00	7.45	200	90	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11n HT40 mode/5550MHz (MIMO)

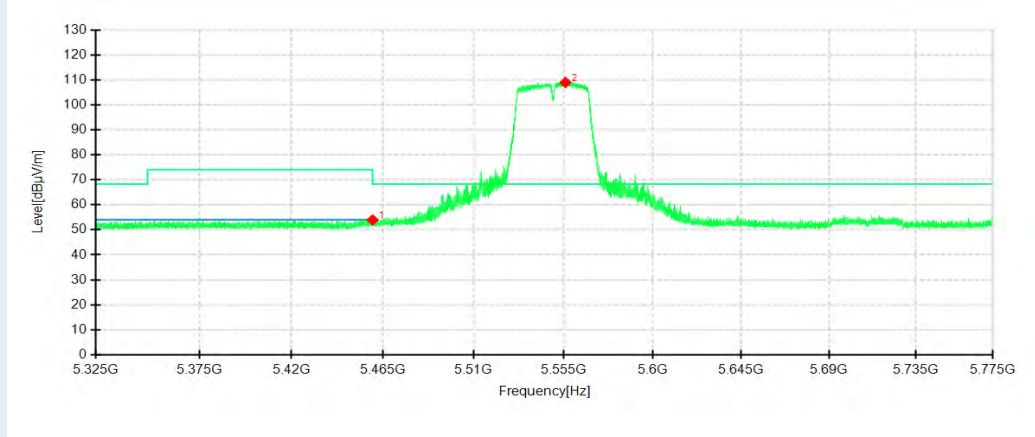
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

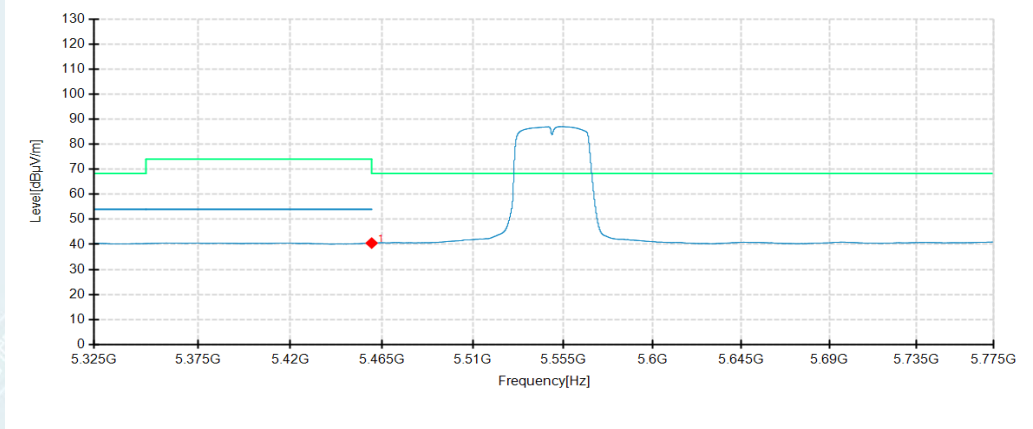


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	35.39	51.43	16.04	74.00	22.57	100	51	Horizontal	/
2	5556.0300	81.67	97.81	16.14	68.30	-29.51	200	325	Horizontal	No limit
1	5460.0000	37.91	53.95	16.04	74.00	20.05	100	238	Vertical	/
2	5556.0525	92.81	108.95	16.14	68.30	-40.65	200	122	Vertical	No limit

802.11n HT40 mode/5550MHz (MIMO)

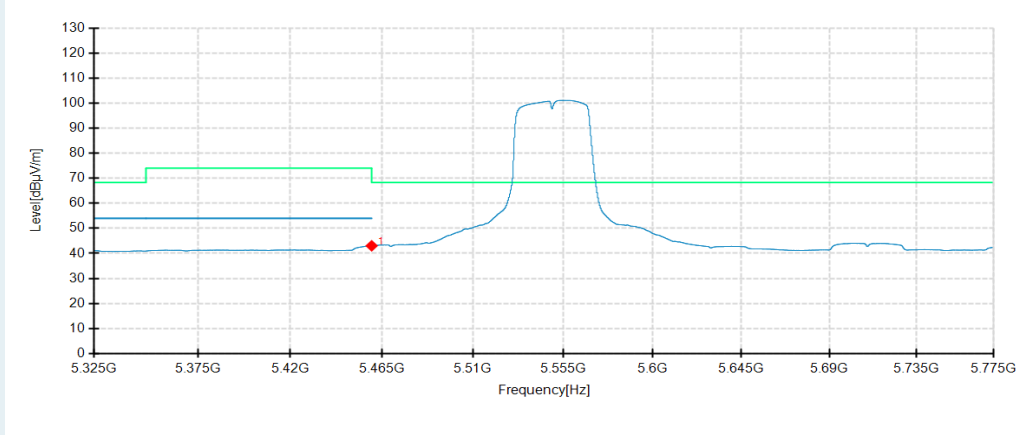
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



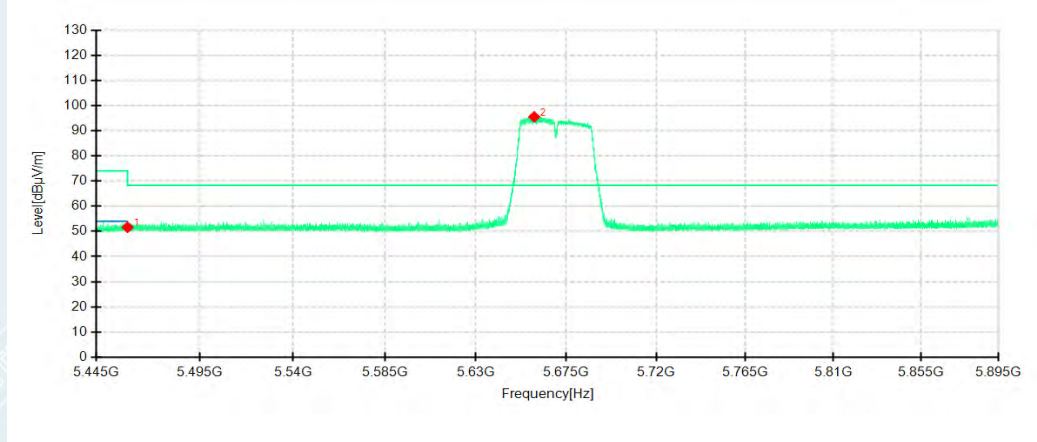
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	24.47	40.51	16.04	54.00	13.49	100	360	Horizontal	/
1	5460.0000	26.99	43.03	16.04	54.00	10.97	200	0	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11n HT40 mode/5670MHz (MIMO)

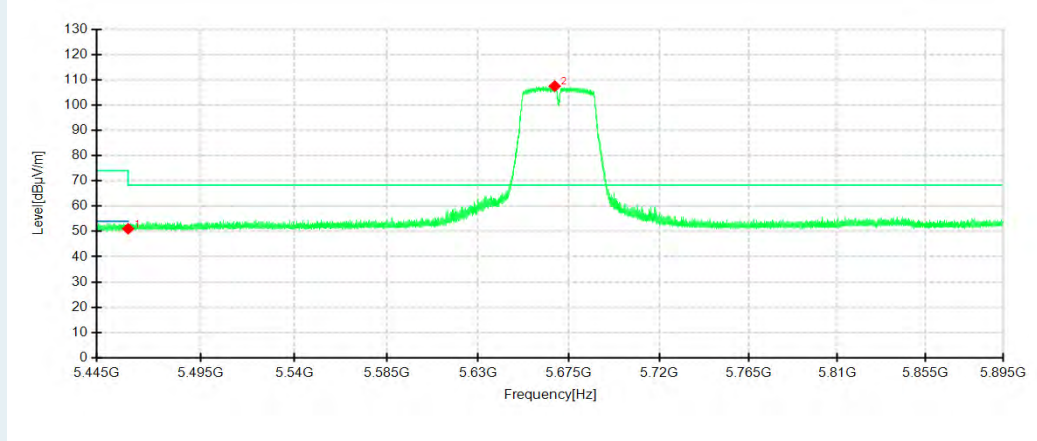
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

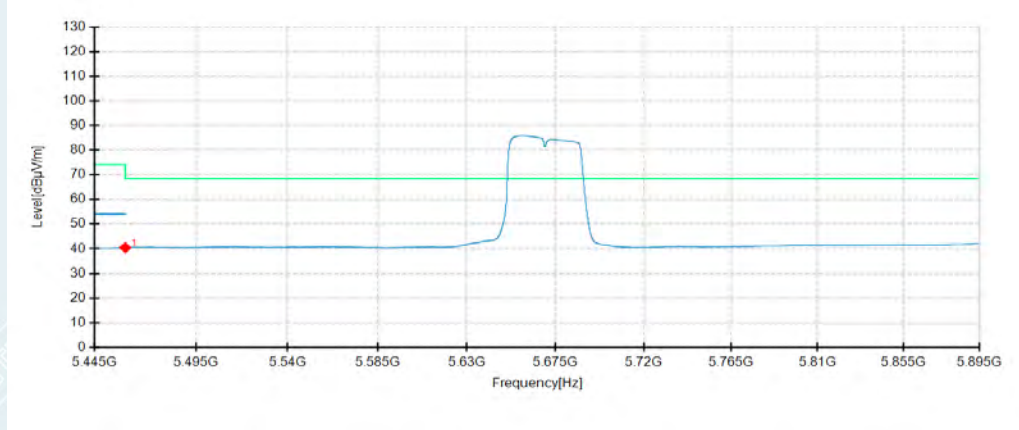


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	35.58	51.62	16.04	74.00	22.38	100	238	Horizontal	/
2	5658.9750	79.28	95.48	16.20	68.30	-27.18	200	320	Horizontal	No limit
1	5460.0000	34.99	51.03	16.04	74.00	22.97	200	122	Vertical	/
2	5667.8850	91.26	107.46	16.20	68.30	-39.16	200	122	Vertical	No limit

802.11n HT40 mode/5670MHz(MIMO)

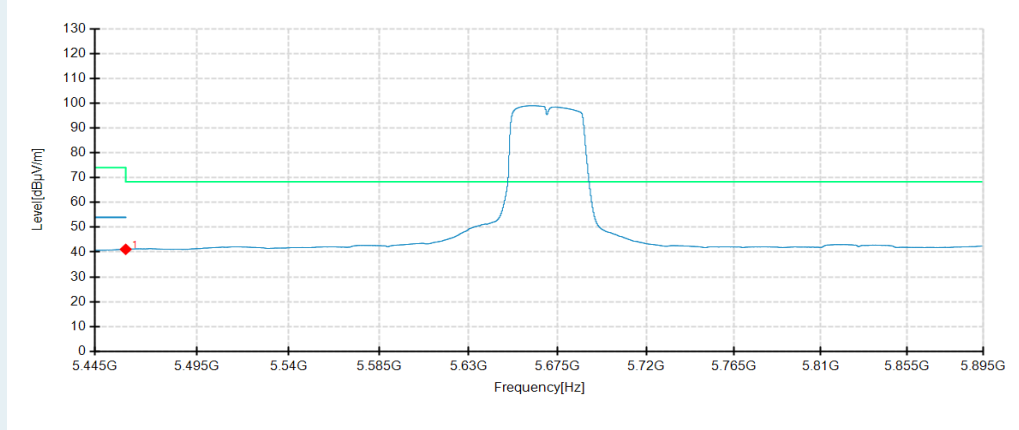
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



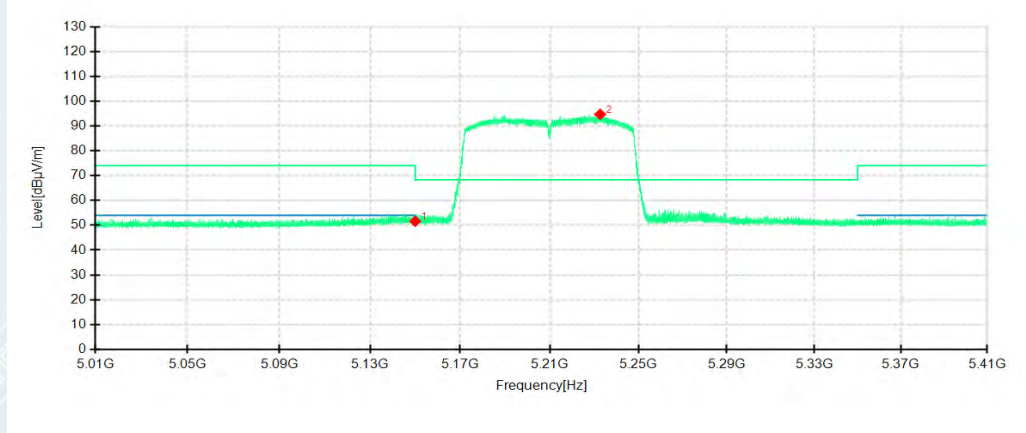
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	24.36	40.40	16.04	54.00	13.60	100	0	Horizontal	/
1	5460.0000	25.07	41.11	16.04	54.00	12.89	200	360	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11ac VHT80 mode/5210MHz (MIMO)

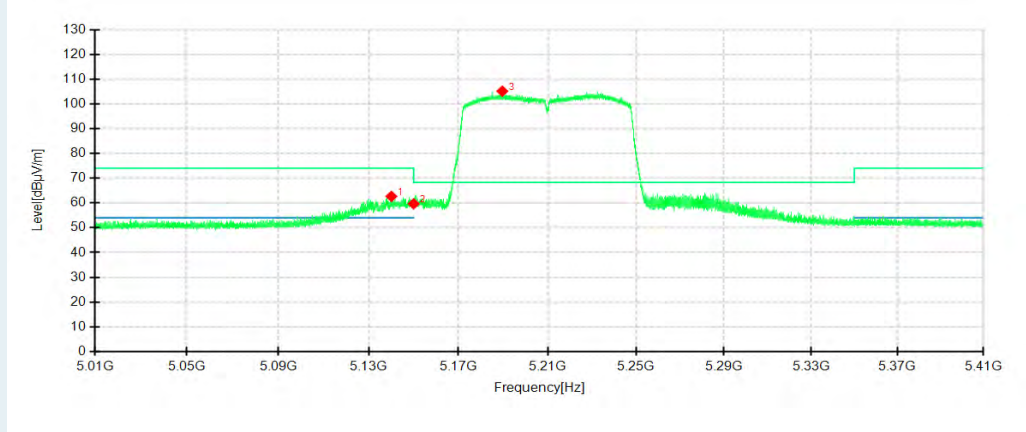
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

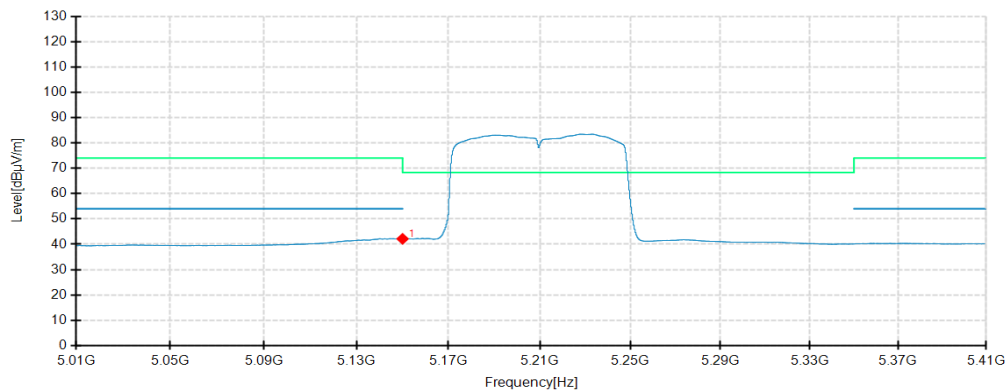


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5150.0000	36.79	51.60	14.81	74.00	22.40	100	176	Horizontal	/
2	5232.6800	79.41	94.68	15.27	68.30	-26.38	100	154	Horizontal	No limit
1	5140.1000	47.85	62.65	14.80	74.00	11.35	200	122	Vertical	/
2	5150.0000	44.86	59.67	14.81	74.00	14.33	100	238	Vertical	/
3	5189.6000	90.25	105.12	14.87	68.30	-36.82	200	338	Vertical	No limit

802.11ac VHT80 mode/5210MHz(MIMO)

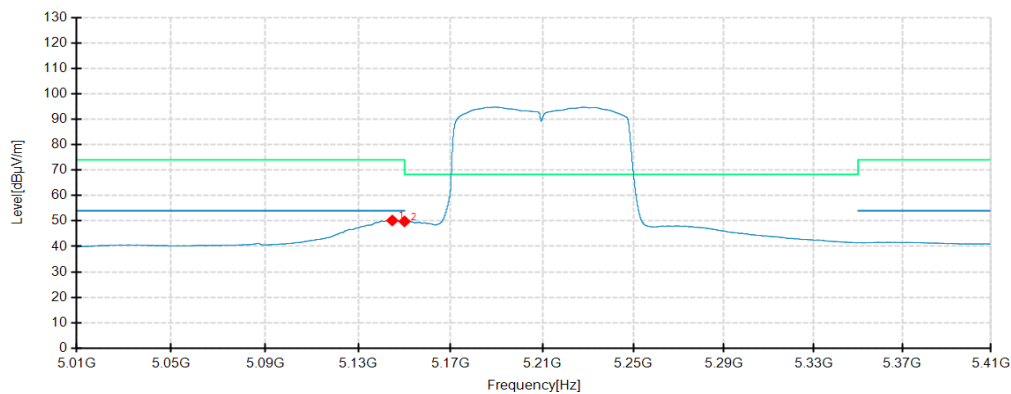
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



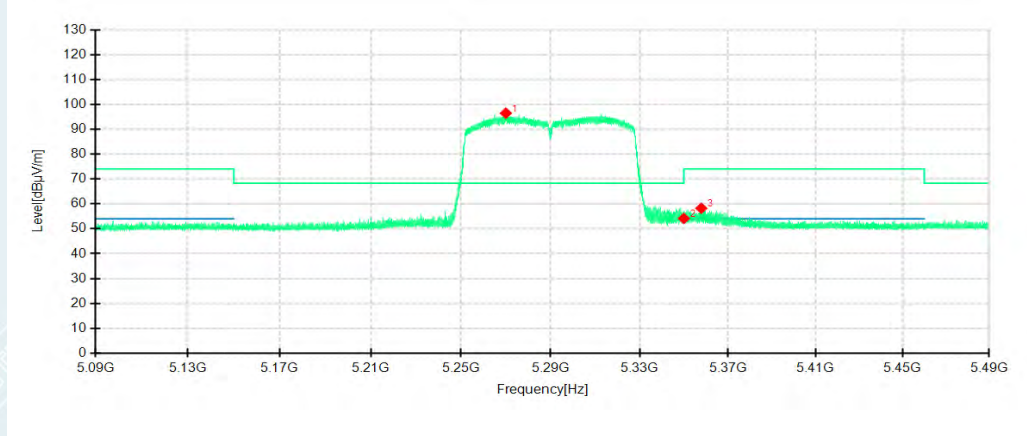
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5150.0000	27.33	42.14	14.81	54.00	11.86	200	270	Horizontal	/
1	5144.7000	35.39	50.19	14.80	54.00	3.81	100	180	Vertical	/
2	5150.0000	35.02	49.83	14.81	54.00	4.17	100	180	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11ac VHT80 mode/5290MHz(MIMO)

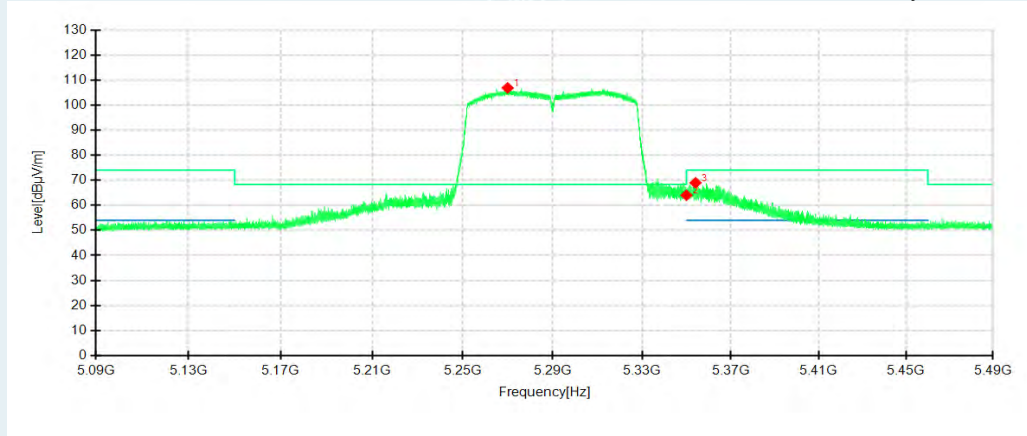
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

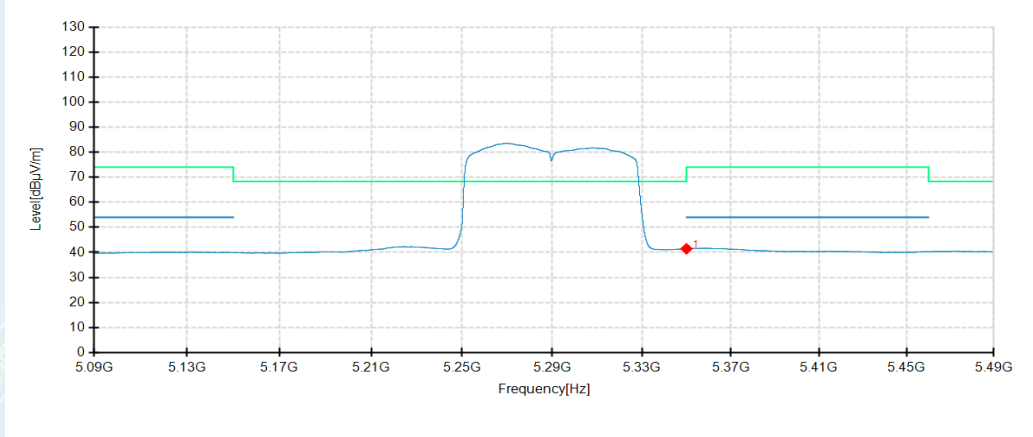


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5269.9600	80.75	96.46	15.71	68.30	-28.16	200	281	Horizontal	No limit
2	5350.0000	38.14	54.14	16.00	74.00	19.86	100	238	Horizontal	/
3	5357.9000	42.26	58.25	15.99	74.00	15.75	200	286	Horizontal	/
1	5269.9000	91.14	106.84	15.70	68.30	-38.54	200	320	Vertical	No limit
2	5350.0000	48.01	64.01	16.00	74.00	9.99	200	122	Vertical	/
3	5354.0800	52.98	68.98	16.00	74.00	5.02	200	320	Vertical	/

802.11ac VHT80 mode/5290MHz (MIMO)

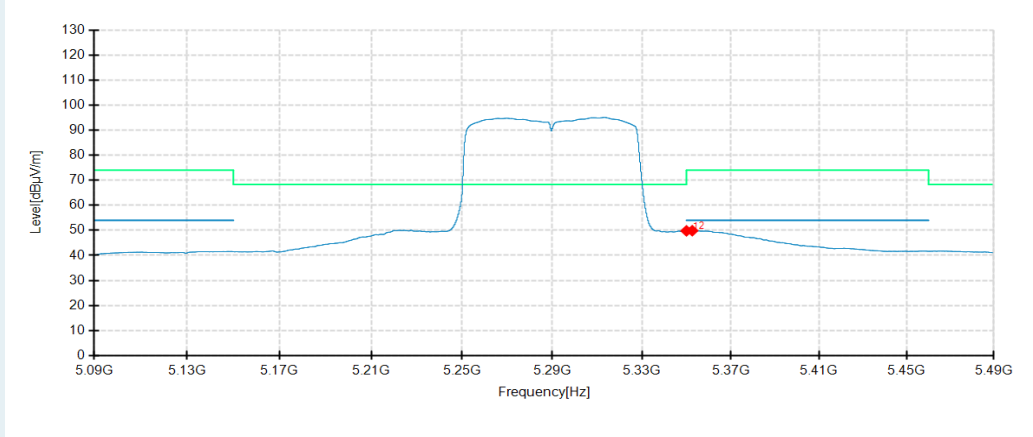
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



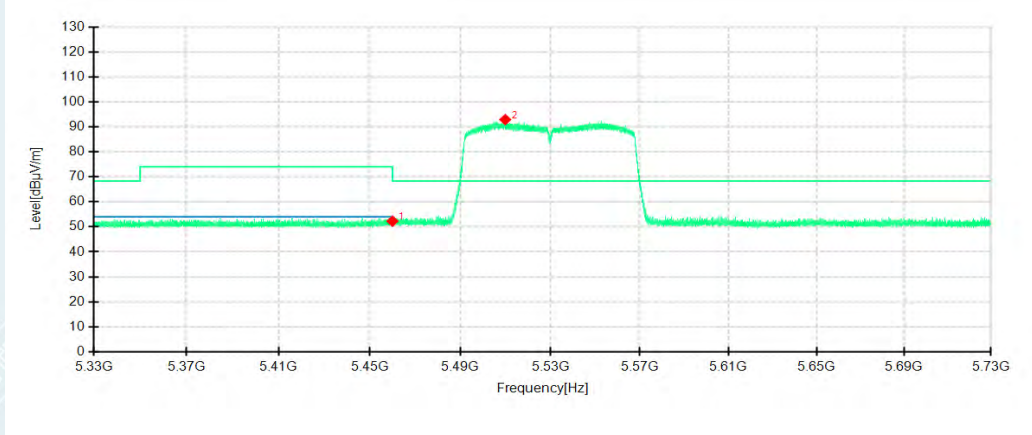
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5350.0000	25.44	41.44	16.00	54.00	12.56	100	0	Horizontal	/
1	5350.0000	33.79	49.79	16.00	54.00	4.21	200	0	Vertical	/
2	5352.6000	33.86	49.86	16.00	54.00	4.14	200	0	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11ac VHT80 mode/5530MHz (MIMO)

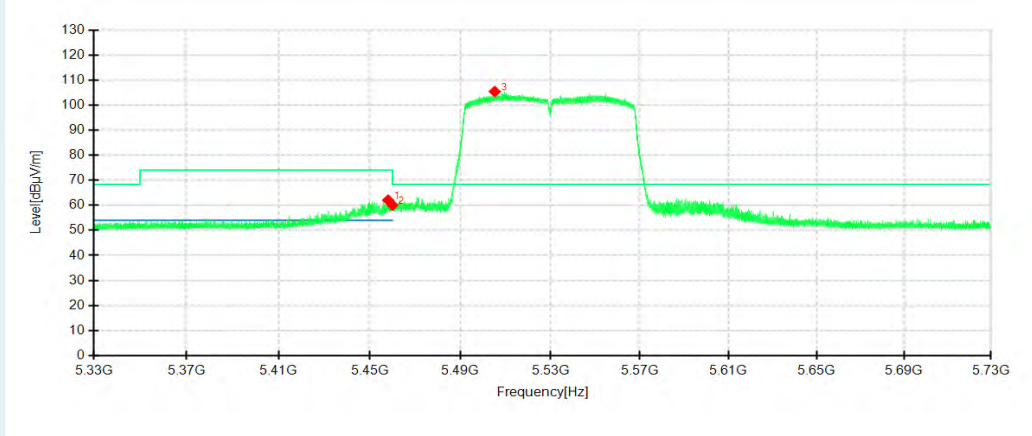
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

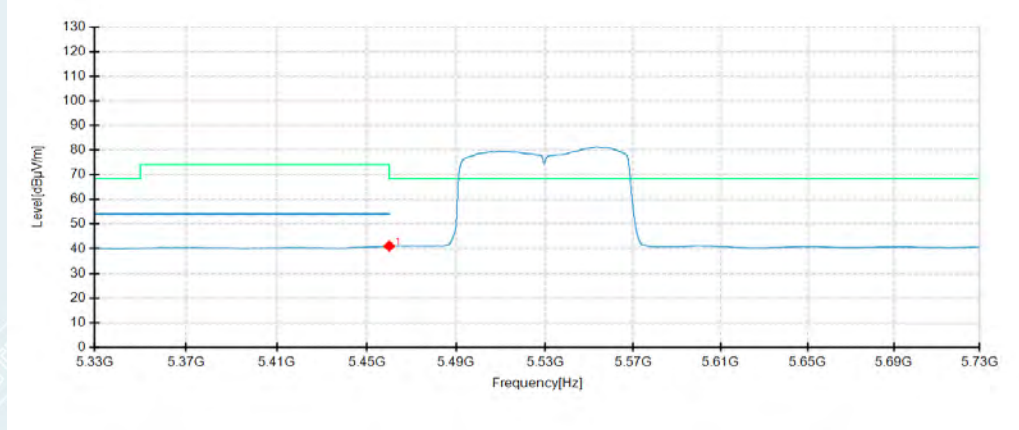


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	36.21	52.25	16.04	74.00	21.75	200	238	Horizontal	/
2	5509.8800	76.77	92.89	16.12	68.30	-24.59	200	25	Horizontal	No limit
1	5458.1000	46.00	62.04	16.04	74.00	11.96	200	12	Vertical	/
2	5460.0000	44.00	60.04	16.04	74.00	13.96	200	88	Vertical	/
3	5505.2600	89.29	105.40	16.11	68.30	-37.10	200	34	Vertical	No limit

802.11ac VHT80 mode/5530MHz(MIMO)

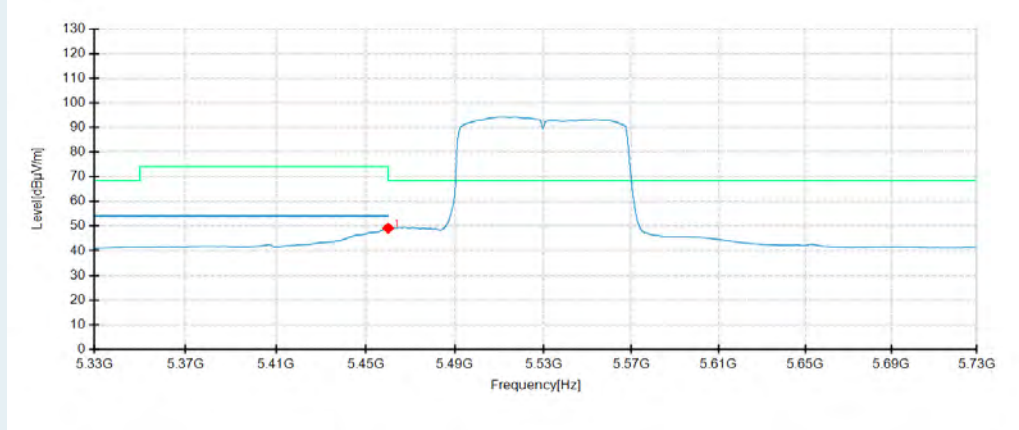
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



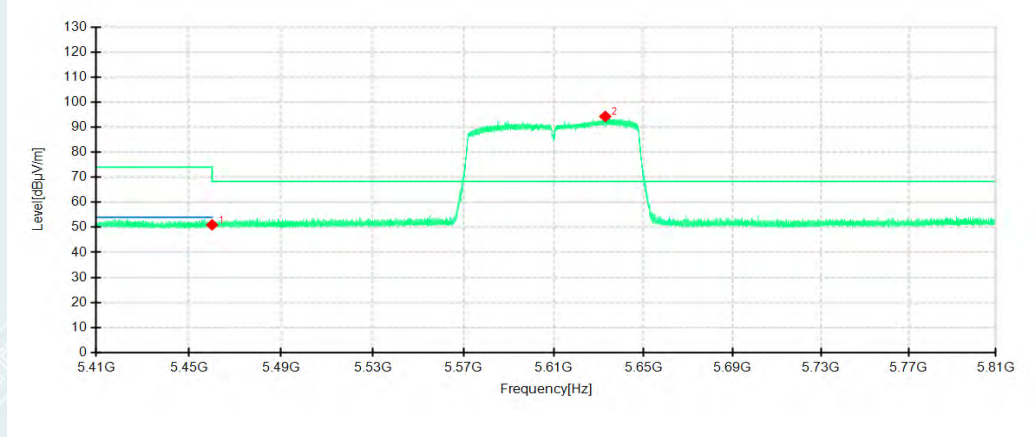
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	25.02	41.06	16.04	54.00	12.94	200	0	Horizontal	/
1	5460.0000	33.10	49.14	16.04	54.00	4.86	200	90	Vertical	/

Remark: There is no limit to the main frequency signal.

802.11ac VHT80 mode/5610MHz (MIMO)

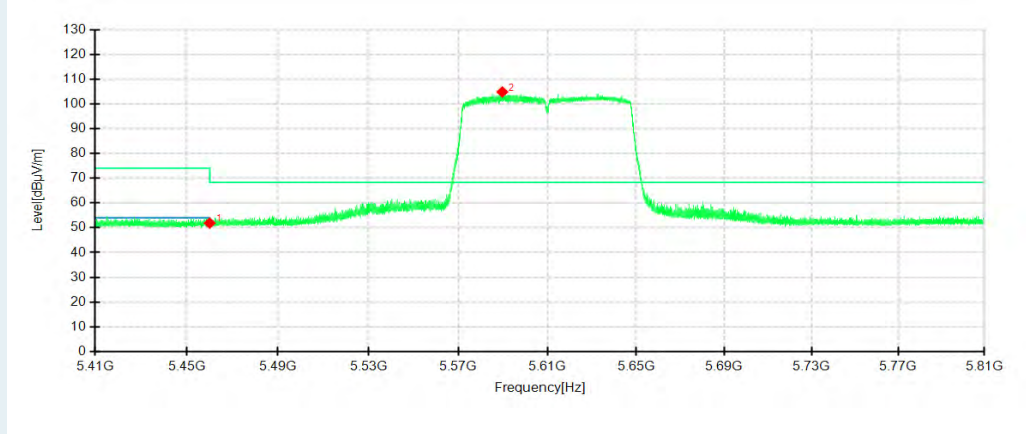
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

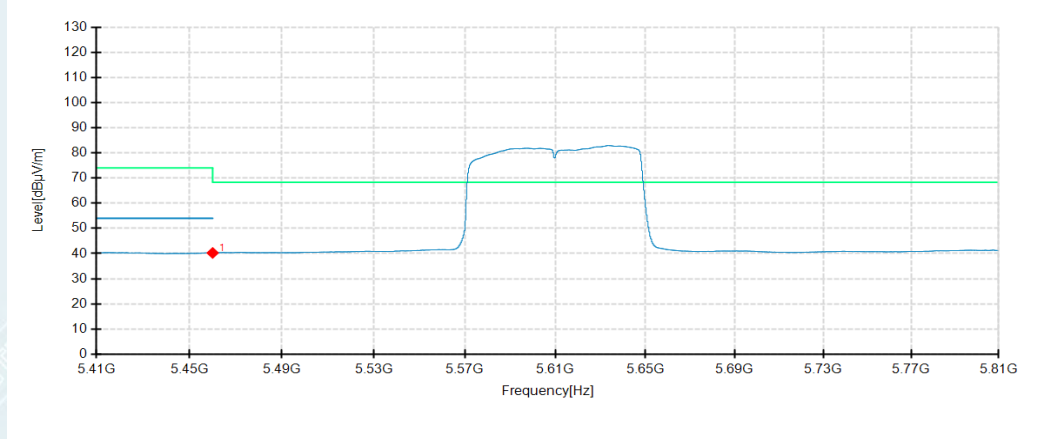


No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	34.93	50.97	16.04	74.00	23.03	100	127	Horizontal	/
2	5632.9200	78.05	94.24	16.19	68.30	-25.94	200	238	Horizontal	No limit
1	5460.0000	35.83	51.87	16.04	74.00	22.13	200	238	Vertical	/
2	5589.6800	88.66	104.82	16.16	68.30	-36.52	200	32	Vertical	No limit

802.11ac VHT80 mode/5610MHz(MIMO)

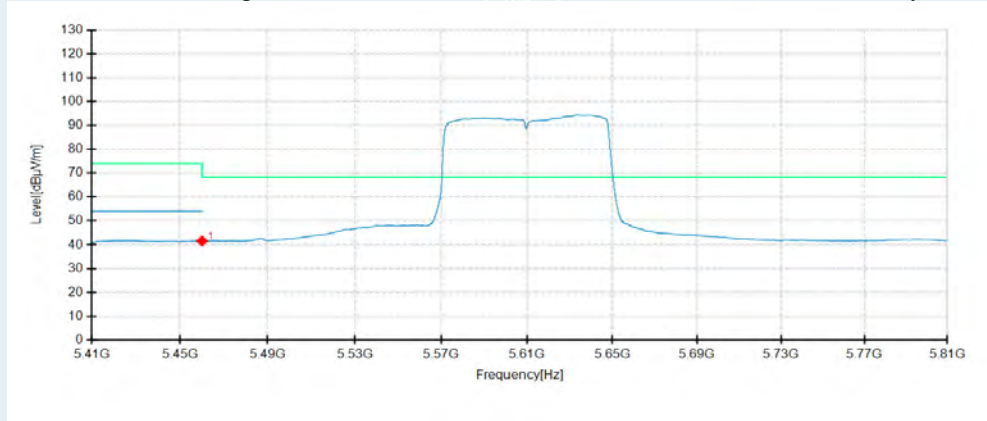
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5460.0000	24.20	40.24	16.04	54.00	13.76	200	180	Horizontal	/
1	5460.0000	25.55	41.59	16.04	54.00	12.41	200	360	Vertical	/

Remark: Max field strength in 3m distance. No any other emission which falls in restricted bands can be detected and be reported. There is no limit to the main frequency signal.

8. 6DB BANDWIDTH & 26DB BANDWIDTH & 99% OCCUPIED BANDWIDTH

8.1. LIMITS

Band	Frequency (MHz)	Test Item	Limit
U-NII-1	5150-5250	26dB Bandwidth&99% Occupied Bandwidth	N/A
U-NII-2A	5250-5350	26dB Bandwidth&99% Occupied Bandwidth	N/A
U-NII-2C	5470-5725	26dB Bandwidth&99% Occupied Bandwidth	N/A
U-NII-3	5725-5850	6dB Bandwidth&99% Occupied Bandwidth	6dB Bandwidth $\geq$ 500KHz

8.2. TEST PROCEDURES

For 26dB Bandwidth Measurement :

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with table 1.
- Set the EUT transmit continuously with maximum output power.
- Allow trace to stabilize, measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
- Repeat above procedures until all modes and channels were measured.
- Record the results in the test report.

For 6dB Bandwidth Measurement :

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with table 2.
- Set the EUT transmit continuously with maximum output power.
- Allow trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
- Repeat above procedures until all modes and channels were measured.
- Record the results in the test report.

For 99% Occupied Bandwidth Measurement :

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with table 3.
- Set the EUT transmit continuously with maximum output power.
- Allow trace to stabilize, use the 99% power bandwidth function to measure bandwidth.
- Repeat above procedures until all modes and channels were measured.

Record the results in the test report.

Table 1:

26dB Bandwidth	
Spectrum Parameters	Setting
RBW	approximately 1% of the emission bandwidth
VBW	> RBW
Span	40MHz(20MHz Bandwidth mode) 60MHz(40MHz Bandwidth mode) 120MHz(80MHz Bandwidth mode)
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

Table 2:

6dB Bandwidth	
Spectrum Parameters	Setting
RBW	100KHz
VBW	300KHz
Span	40MHz(20MHz Bandwidth mode) 60MHz(40MHz Bandwidth mode) 120MHz(80MHz Bandwidth mode)
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

Table 3:

99% Occupied Bandwidth	
Spectrum Parameters	Setting
RBW	1% to 5% of the OBW
VBW	approximately three times the RBW
Span	between 1.5 times and 5.0 times the OBW
Sweep Time	Auto
Detector	Peak
Trace Mode	Max Hold

8.3. TEST SETUP



8.4. TEST RESULTS

Non- Beamforming

Test Mode	Band	Test Frequency (MHz)	26dB Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
			antenna 1	antenna 2	antenna 1	antenna 2
802.11a Test Mode	U-NII-1	5180	21.94	18.61	16.468	16.458
		5200	19.58	19.54	16.454	16.465
		5240	19.80	25.85	16.484	16.572
	U-NII-2A	5260	30.80	23.92	16.685	16.508
		5300	32.91	27.50	17.270	16.657
		5320	35.22	32.68	18.204	17.047
	U-NII-2C	5500	20.00	34.59	16.437	17.660
		5580	19.82	19.84	16.451	16.457
		5700	33.46	24.69	17.114	16.506

Test Mode	Band	Test Frequency (MHz)	26dB Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
			antenna 1	antenna 2	antenna 1	antenna 2
802.11n HT20	U-NII-1	5180	19.60	19.68	17.565	17.587
		5200	19.60	19.64	17.580	17.602
		5240	19.60	19.59	17.571	17.593
	U-NII-2A	5260	19.74	19.65	17.607	17.575
		5300	19.66	19.62	17.615	17.585
		5320	19.82	19.58	17.651	17.581
	U-NII-2C	5500	19.68	19.62	17.617	17.606
		5580	19.68	19.66	17.579	17.593
		5700	19.59	19.68	17.572	17.599

Test Mode	Band	Test Frequency (MHz)	26dB Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
			antenna 1	antenna 2	antenna 1	antenna 2
802.11ac VHT20	U-NII-1	5180	19.53	19.50	17.652	17.664
		5200	19.56	19.58	17.632	17.641
		5240	19.56	19.53	17.64	17.639
	U-NII-2A	5260	19.54	19.51	17.670	17.672
		5300	19.65	19.35	17.641	17.655
		5320	19.64	19.58	17.645	17.663
	U-NII-2C	5500	19.57	19.41	17.657	17.651
		5580	19.52	19.44	17.650	17.663
		5700	19.55	19.44	17.649	17.646

Test Mode	Band	Test Frequency (MHz)	26dB Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
			antenna 1	antenna 2	antenna 1	antenna 2
802.11n HT40	U-NII-1	5190	42.39	42.36	36.306	36.423
		5230	42.51	42.58	36.412	36.407
	U-NII-2A	5270	42.54	42.30	36.314	36.451
		5310	42.35	57.06	36.413	36.482
	U-NII-2C	5510	42.70	42.04	36.590	36.306
		5550	42.61	42.40	36.419	36.410
		5670	42.51	43.37	36.417	36.523

Test Mode	Band	Test Frequency (MHz)	26dB Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
			antenna 1	antenna 2	antenna 1	antenna 2
802.11ac VHT40	U-NII-1	5190	42.52	42.33	36.252	36.428
		5230	42.36	42.51	36.299	36.382
	U-NII-2A	5270	42.44	42.39	36.385	36.383
		5310	42.27	42.64	36.346	36.461
	U-NII-2C	5510	42.57	42.38	36.451	36.324
		5550	42.47	42.46	36.405	36.308
		5670	42.31	42.59	36.427	36.407

Test Mode	Band	Test Frequency (MHz)	26dB Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
			antenna 1	antenna 2	antenna 1	antenna 2
802.11ac VHT80	U-NII-1	5210	81.24	80.86	74.740	74.940
	U-NII-2A	5290	81.74	81.84	75.119	75.258
	U-NII-2C	5530	81.26	80.94	74.871	74.814
		5610	81.39	81.06	74.718	75.209

Non- beamforming

Test Results (plots) of Bandwidth

802.11a mode (antenna 1)

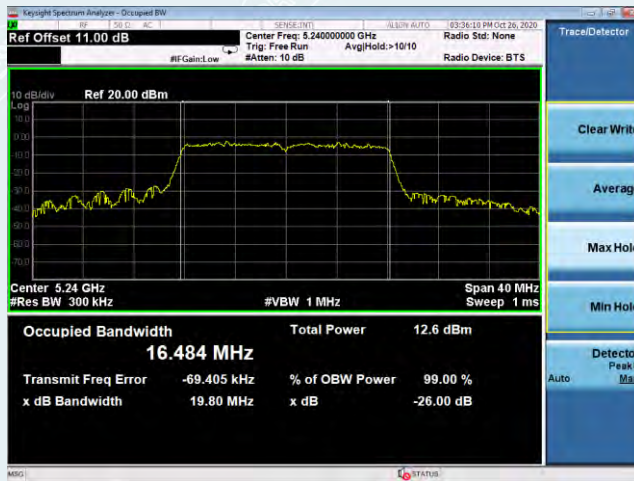
Channel 5180MHz



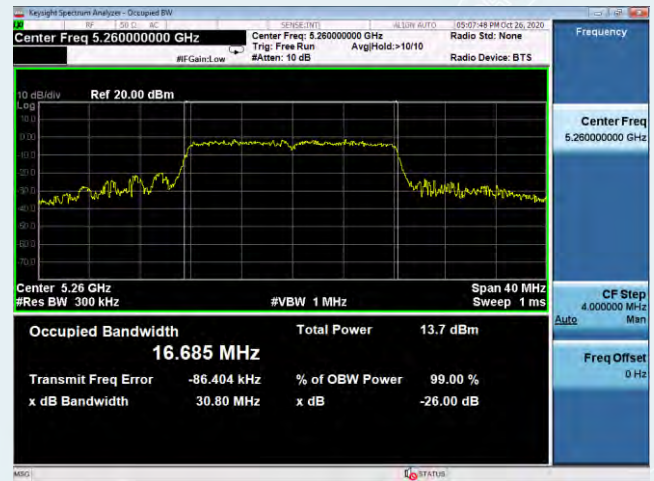
Channel 5200MHz



Channel 5240MHz



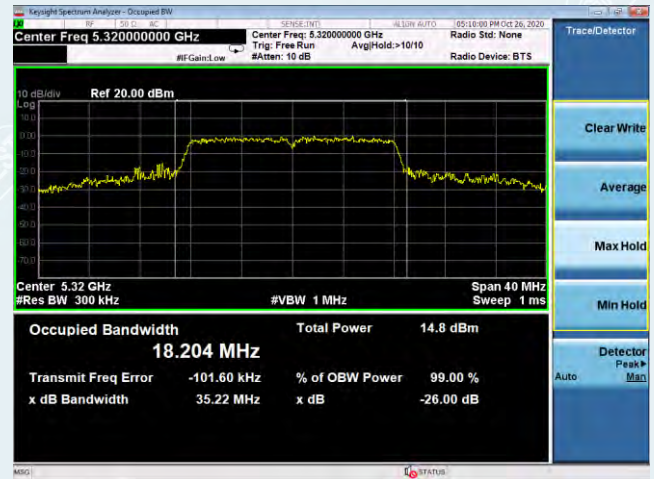
Channel 5260MHz



Channel 5300MHz



Channel 5320MHz

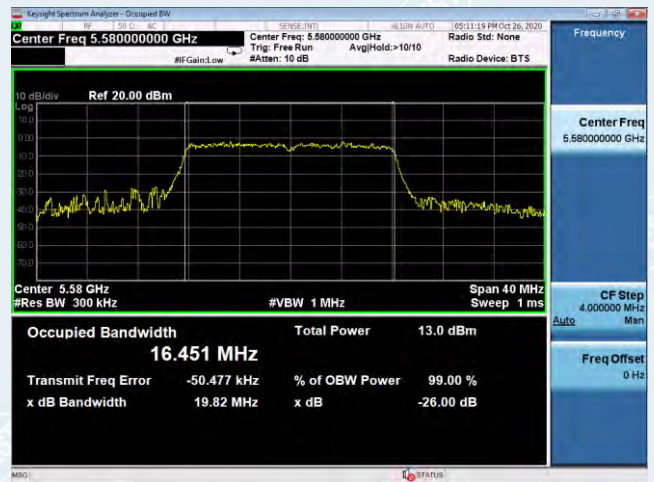


802.11a mode (antenna 1)

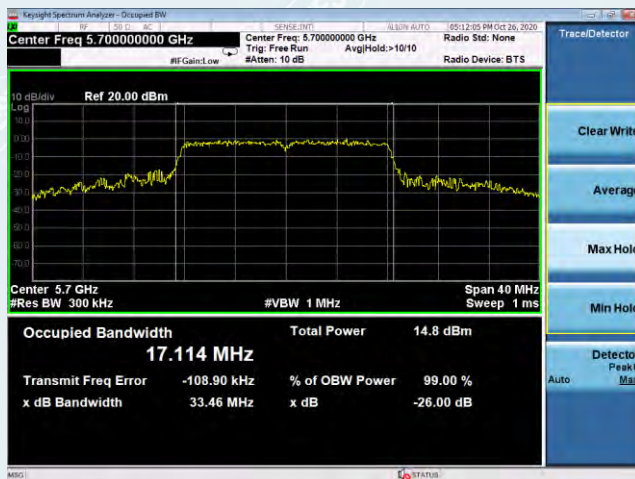
Channel 5500MHz



Channel 5580MHz



Channel 5700MHz



802.11a mode (antenna 2)

Channel 5180MHz



Channel 5200MHz



Channel 5240MHz



Channel 5260MHz



Channel 5300MHz



Channel 5320MHz



802.11a mode (antenna 2)

Channel 5500MHz



Channel 5580MHz



Channel 5700MHz

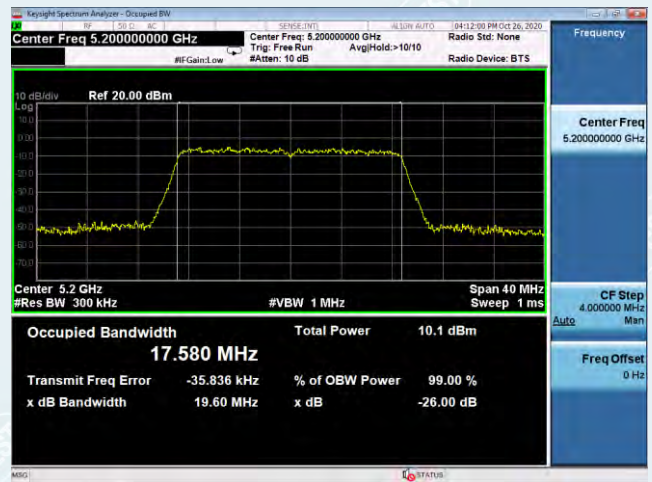


802.11n HT20 mode (antenna 1)

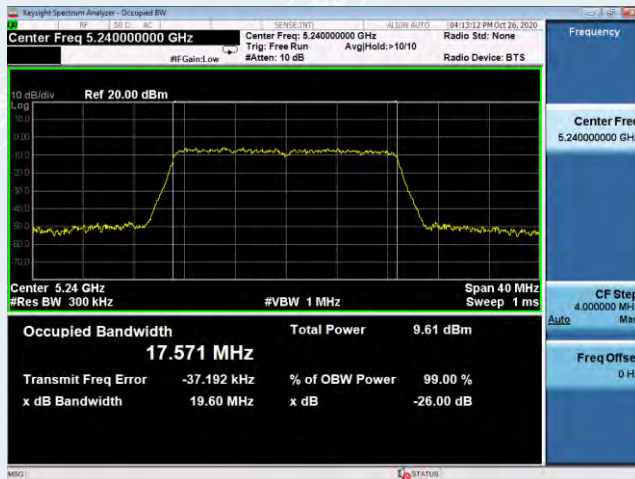
Channel 5180MHz



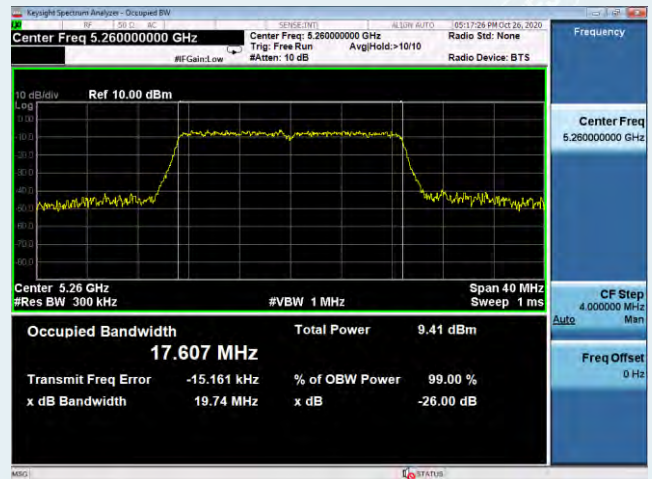
Channel 5200MHz



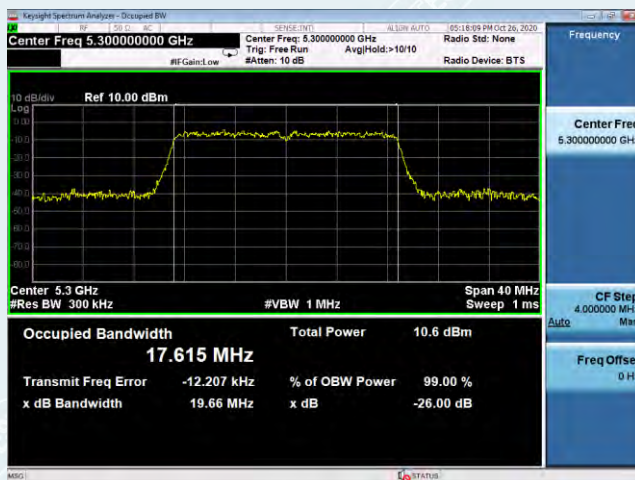
Channel 5240MHz



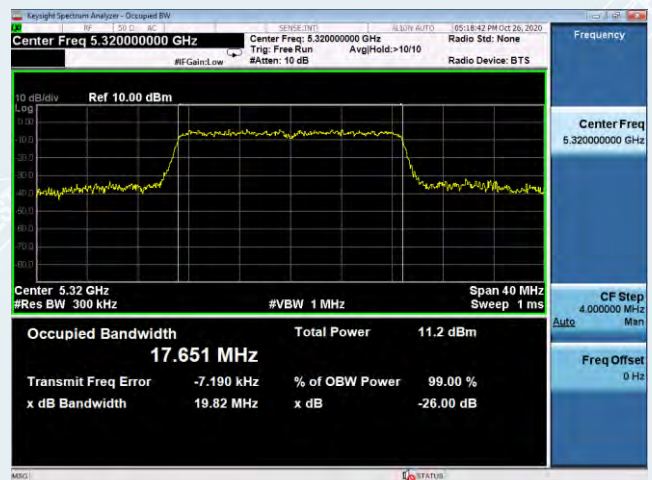
Channel 5260MHz



Channel 5300MHz



Channel 5320MHz

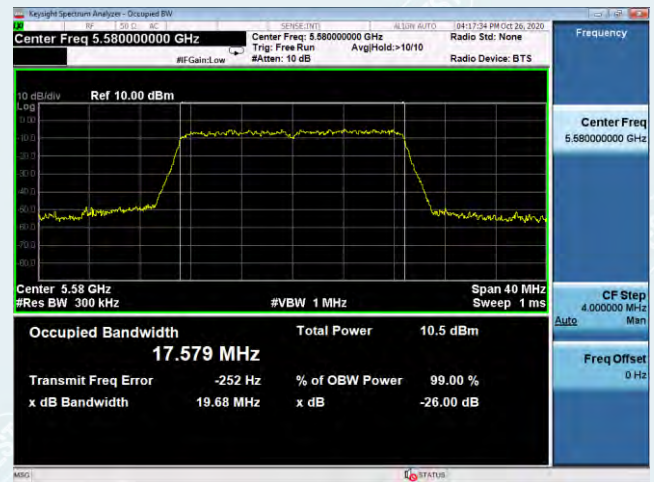


802.11n HT20 mode (antenna 1)

Channel 5500MHz



Channel 5580MHz

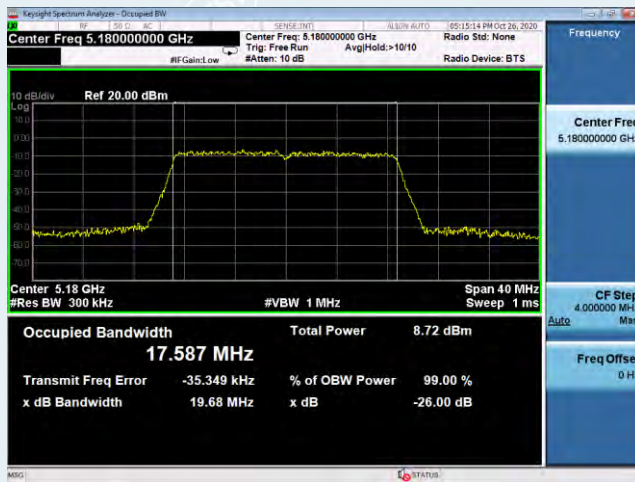


Channel 5700MHz

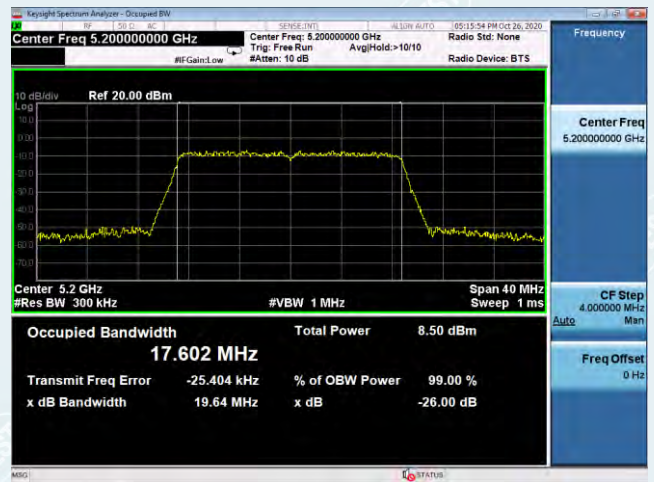


802.11n HT20 mode (antenna 2)

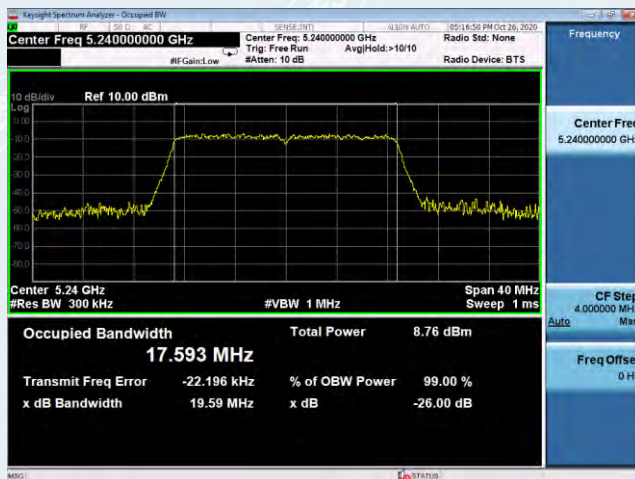
Channel 5180MHz



Channel 5200MHz



Channel 5240MHz



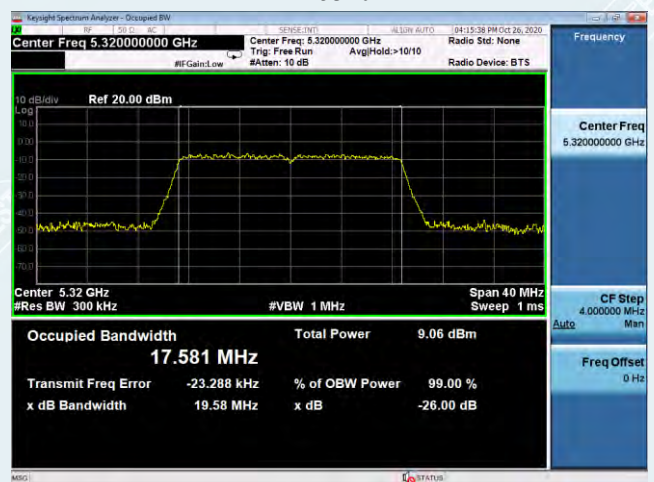
Channel 5260MHz



Channel 5300MHz



Channel 5320MHz

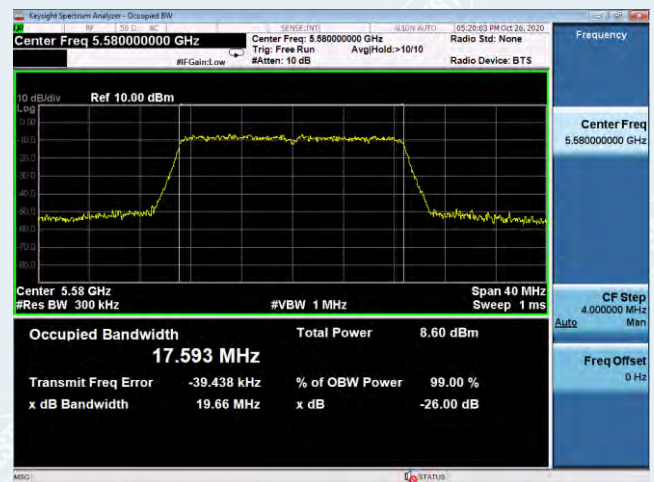


802.11n HT20 mode (antenna 2)

Channel 5500MHz



Channel 5580MHz



Channel 5700MHz



802.11ac VHT20 mode (antenna 1)

Channel 5180MHz



Channel 5200MHz



Channel 5240MHz



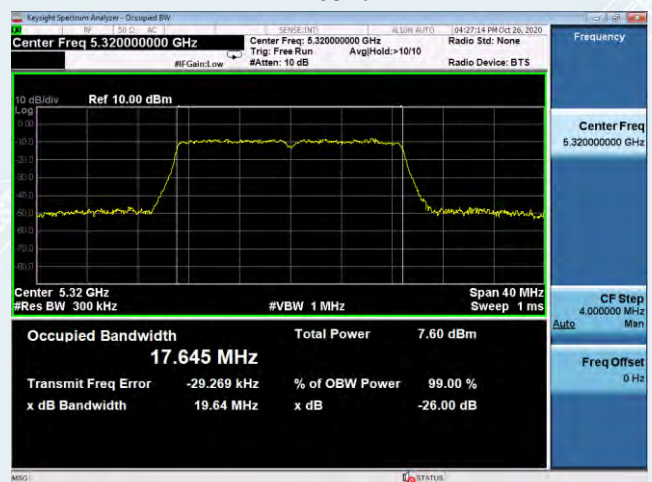
Channel 5260MHz



Channel 5300MHz



Channel 5320MHz



802.11ac VHT20 mode (antenna 1)

Channel 5500MHz



Channel 5580MHz



Channel 5700MHz



802.11ac VHT20 mode (antenna 2)

Channel 5180MHz



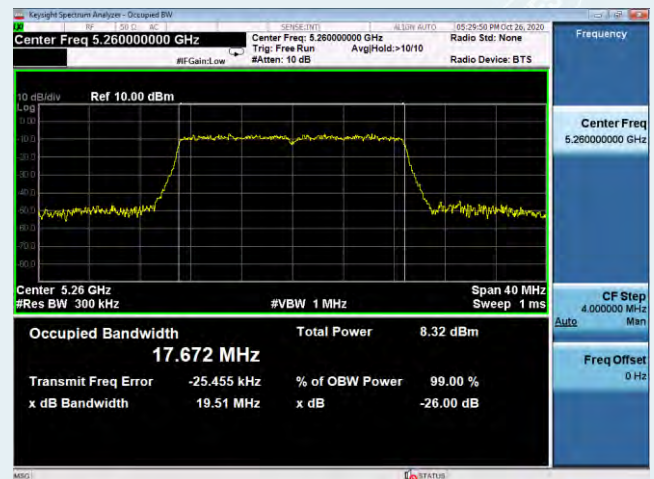
Channel 5200MHz



Channel 5240MHz



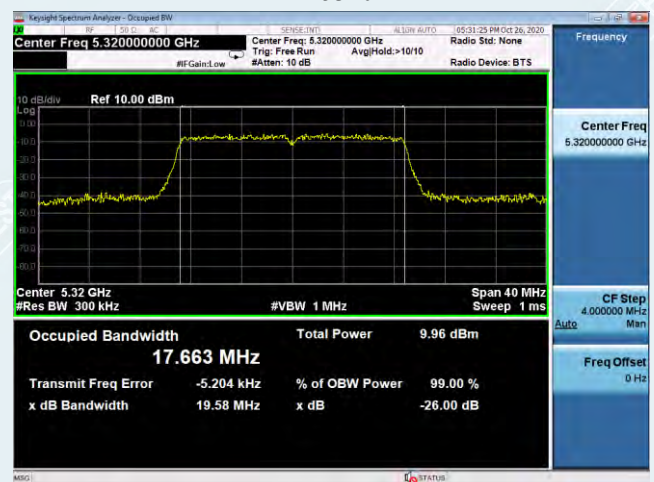
Channel 5260MHz



Channel 5300MHz



Channel 5320MHz



802.11ac VHT20 mode (antenna 2)

Channel 5500MHz



Channel 5580MHz



Channel 5700MHz



802.11n HT40 mode (antenna 1)

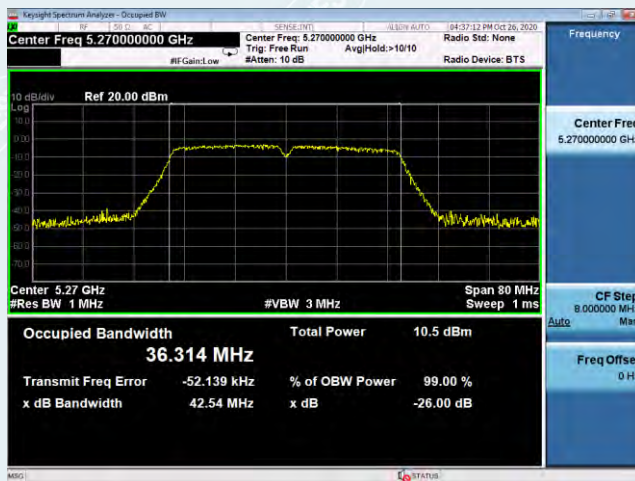
Channel 5190MHz



Channel 5230MHz



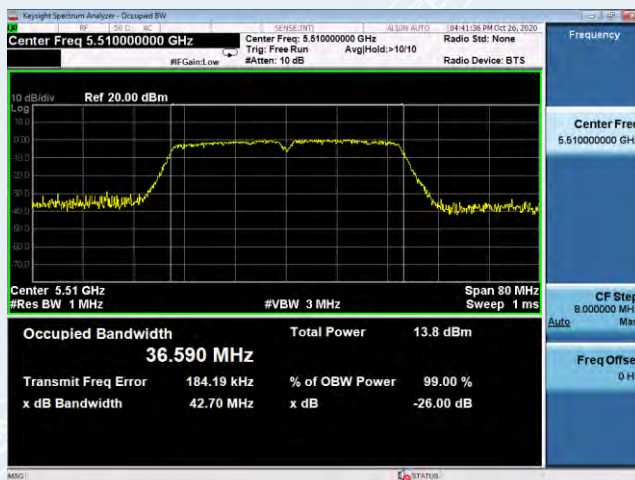
Channel 5270MHz



Channel 5310MHz



Channel 5510MHz



Channel 5550MHz



Channel 5670MHz



802.11n HT40 mode (antenna 2)

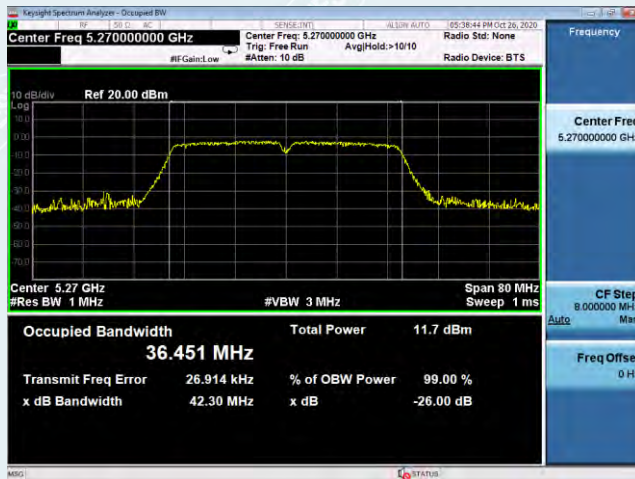
Channel 5190MHz



Channel 5230MHz



Channel 5270MHz



Channel 5310MHz



Channel 5510MHz



Channel 5550MHz



802.11n HT40 mode (antenna 2)

Channel 5670MHz



802.11ac VHT40 mode (antenna 1)

Channel 5190MHz



Channel 5230MHz



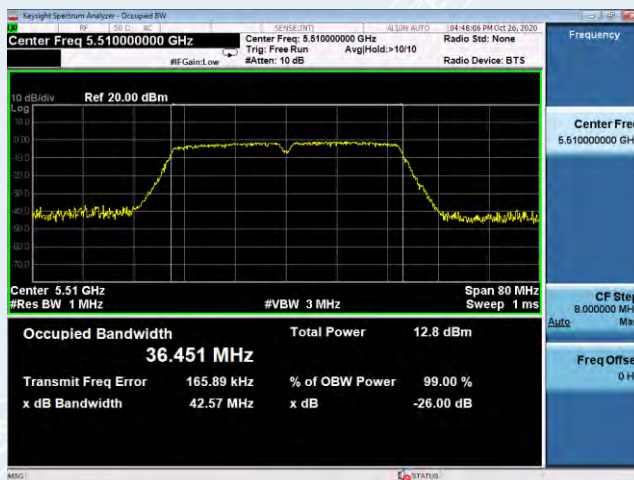
Channel 5270MHz



Channel 5310MHz



Channel 5510MHz



Channel 5550MHz



Channel 5670MHz



802.11ac VHT40 mode (antenna 2)

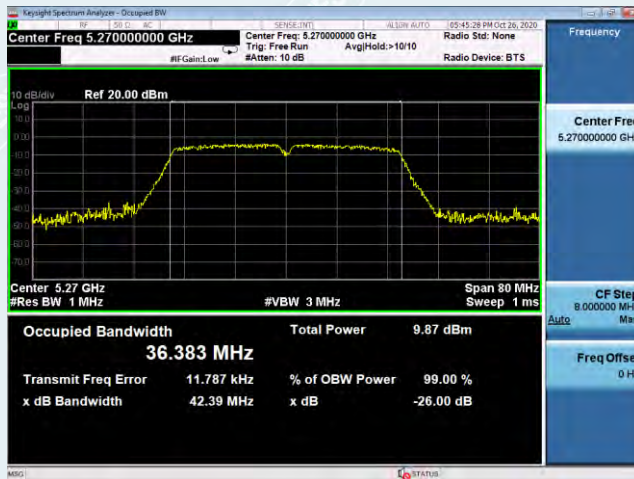
Channel 5190MHz



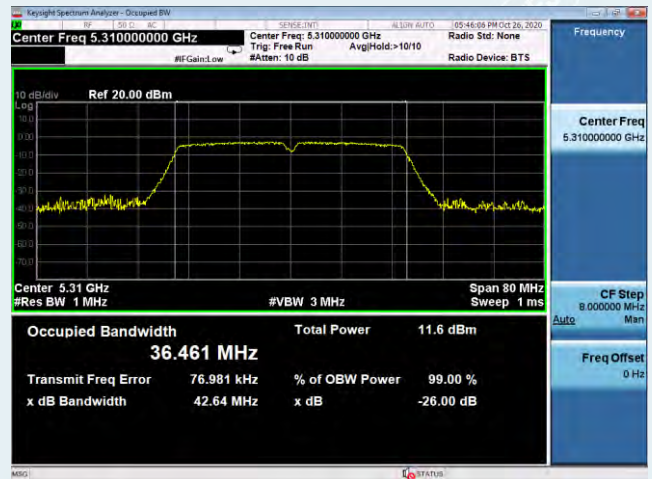
Channel 5230MHz



Channel 5270MHz



Channel 5310MHz



Channel 5510MHz

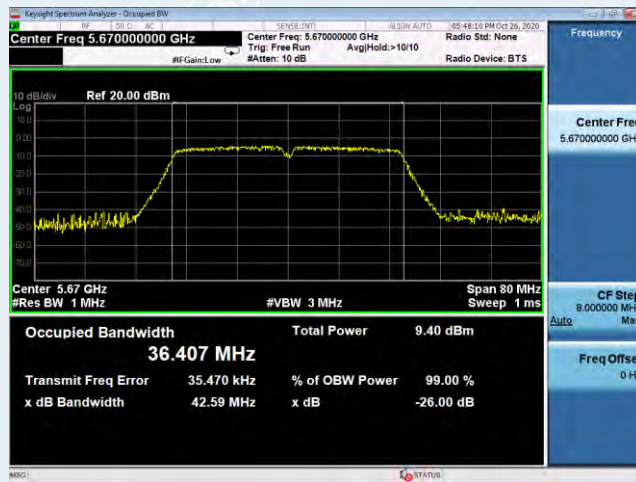


Channel 5550MHz



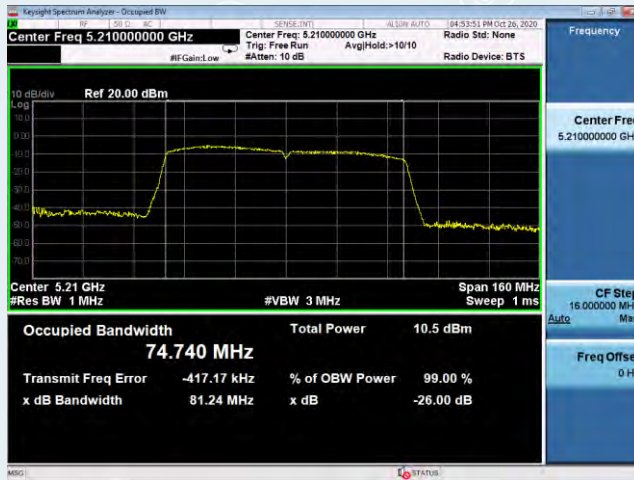
802.11ac VHT40 mode (antenna 2)

Channel 5670MHz

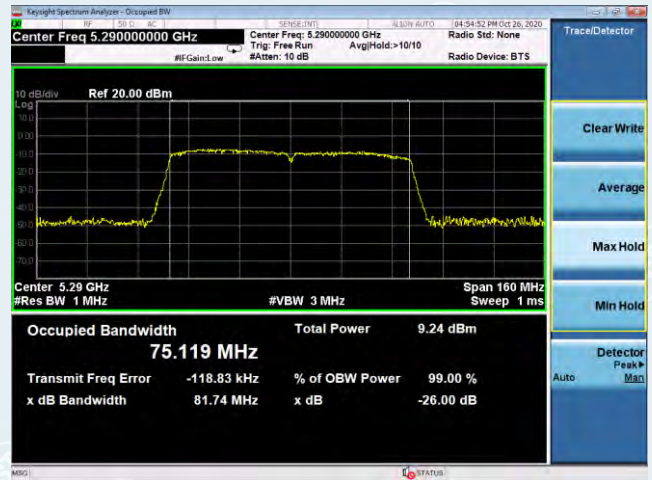


802.11ac VHT80 mode (antenna 1)

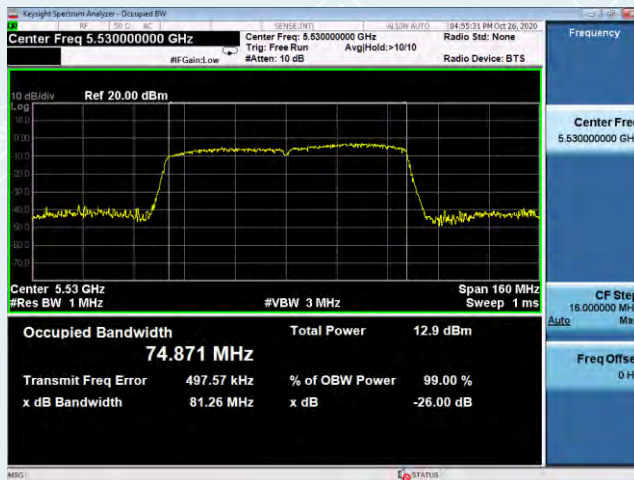
Channel 5210MHz



Channel 5290MHz



Channel 5530MHz



Channel 5610MHz

