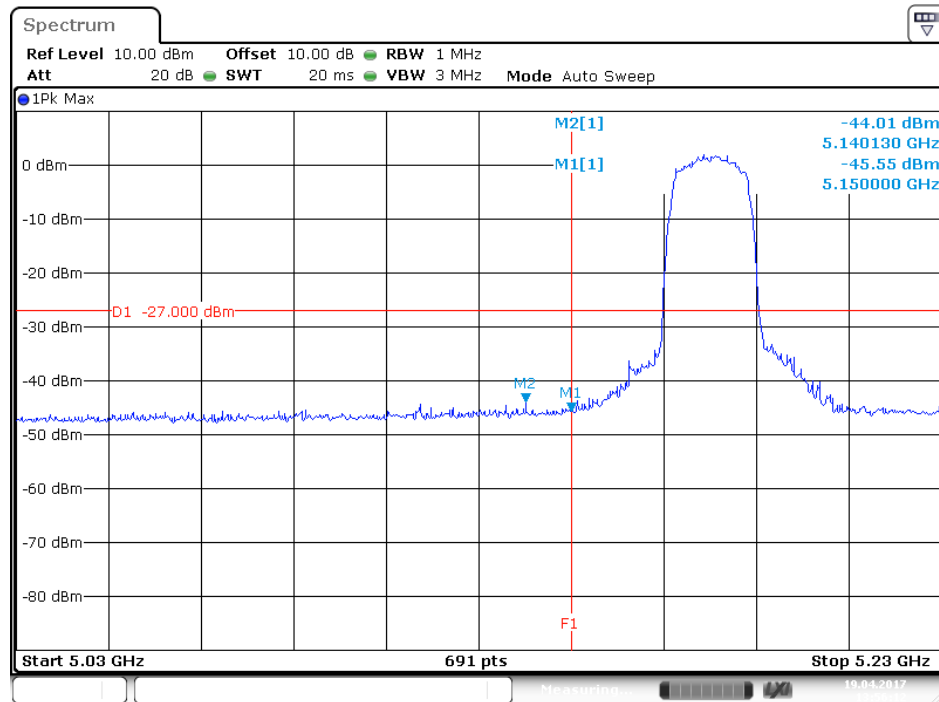
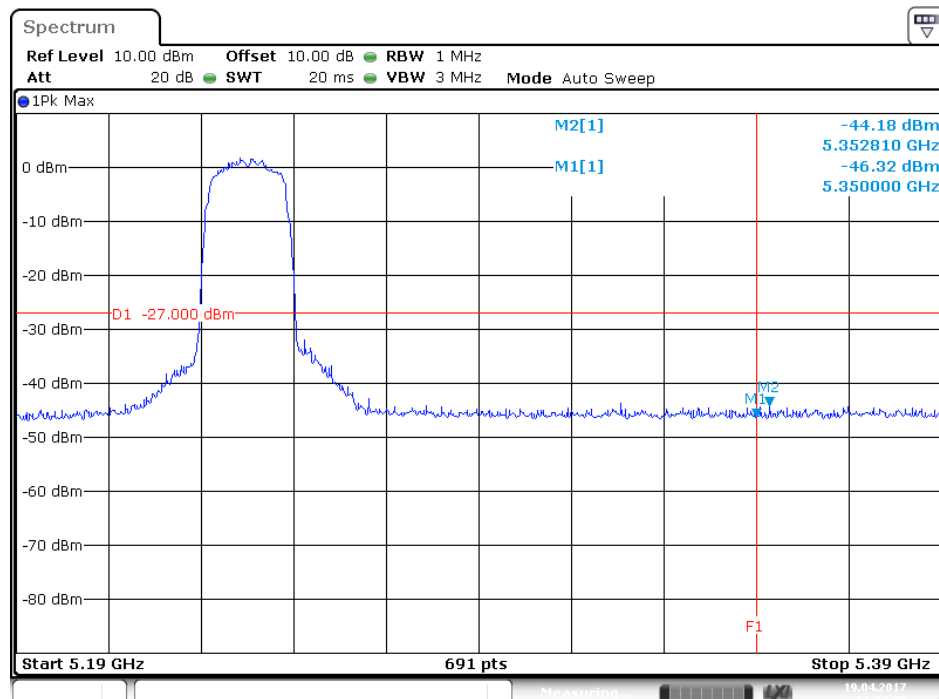


Band edges Test Result

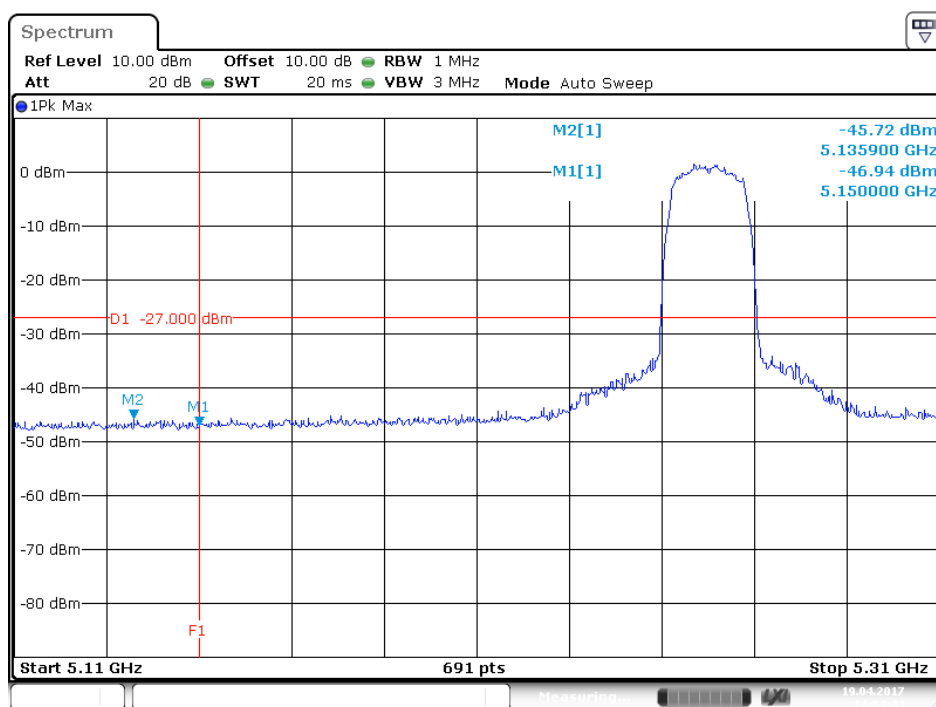
802.11A



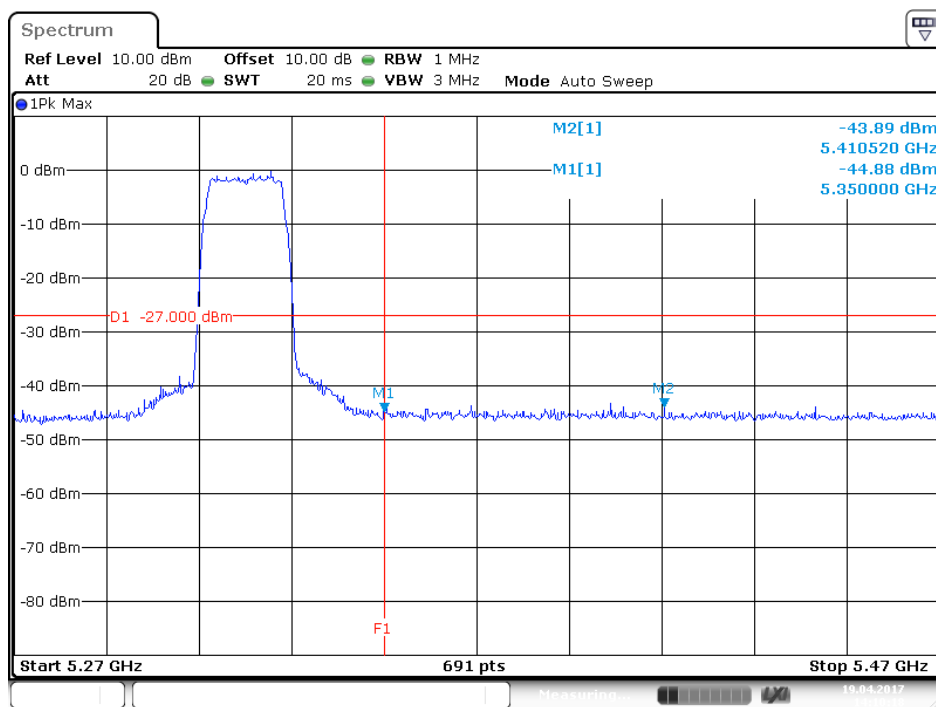
Date: 19.APR.2017 13:56:12



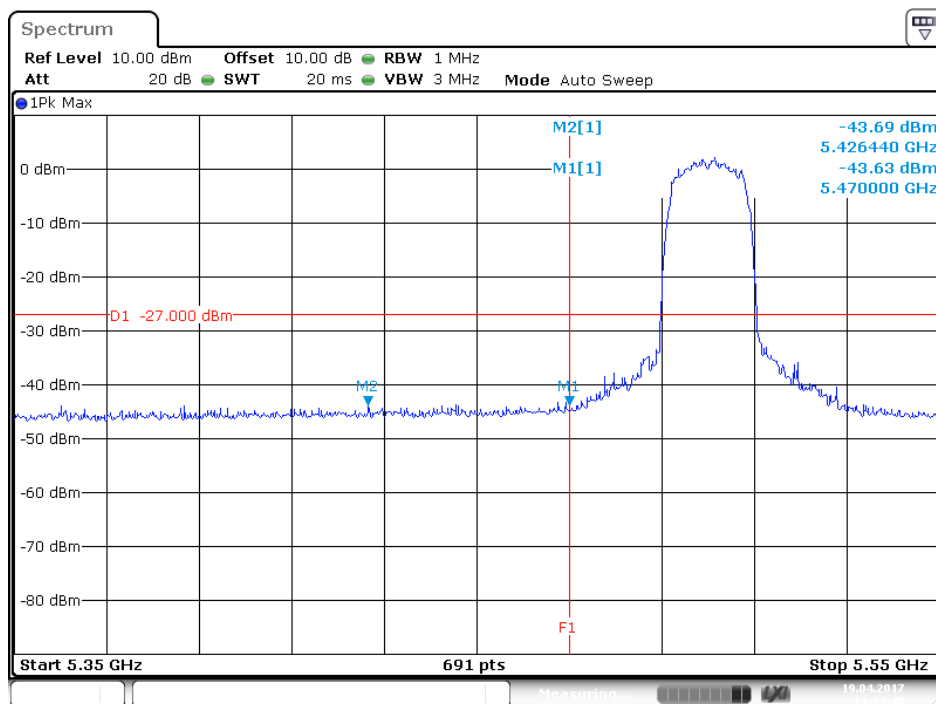
Date: 19.APR.2017 14:02:10



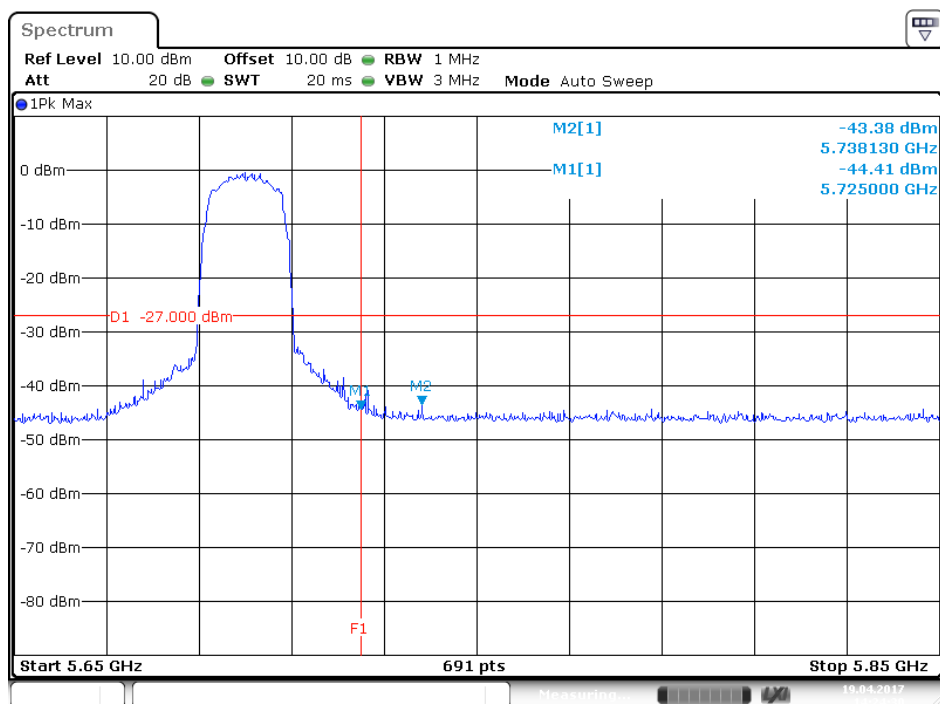
Date: 19.APR.2017 14:04:43



Date: 19.APR.2017 14:10:18



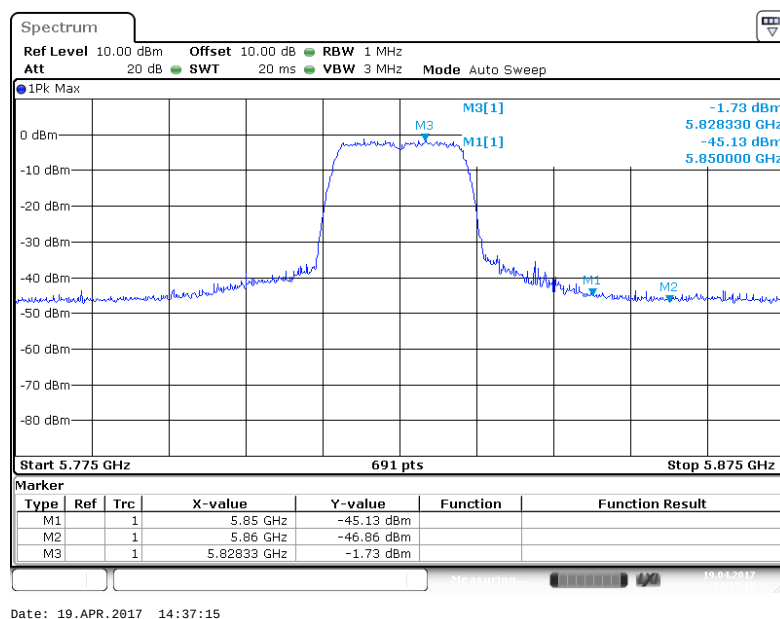
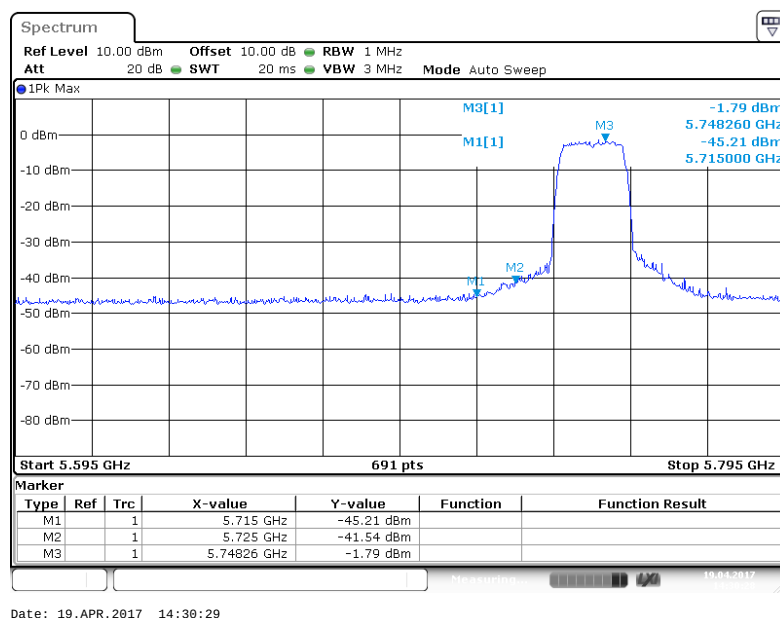
Date: 19.APR.2017 14:14:48



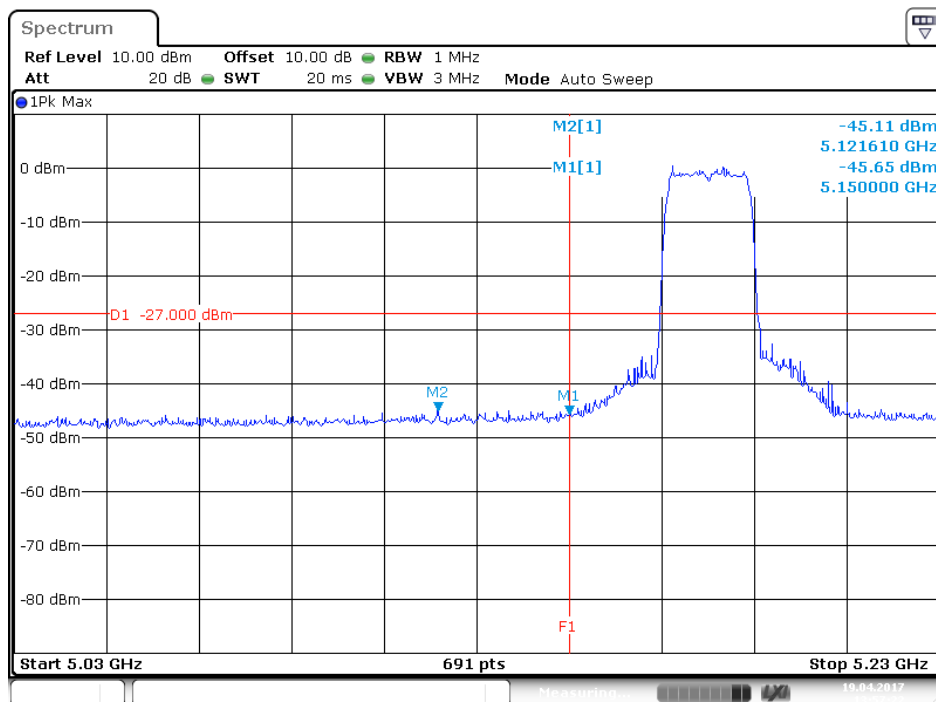
Date: 19.APR.2017 14:24:31

All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge

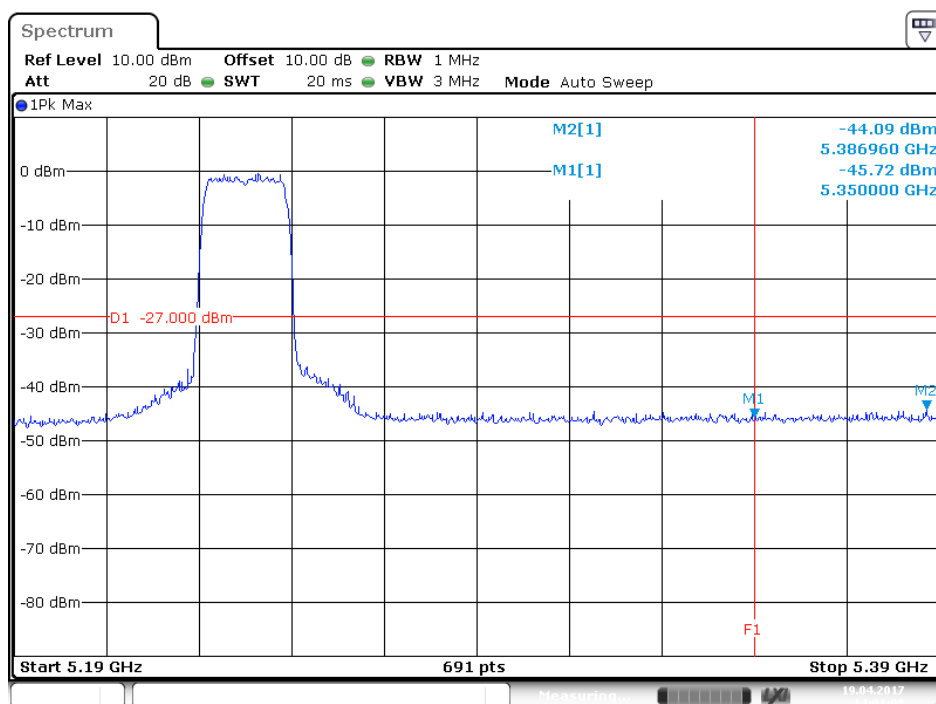
Start Frequency MHz	Stop Frequency MHz	Test value	Limit dBm	result
5595	5650	<-40dBm	-27	pass
5650	5700	<-40dBm	(-27)-10	pass
5700	5720	<-40dBm	10-15.6	pass
5720	5725	<-40dBm	15.6-27	pass
5850	5855	<-40dBm	27-15.6	pass
5855	5875	<-40dBm	15.6-10	pass
5875	5925	<-40dBm	10-(-27)	pass
5925	5975	<-40dBm	-27	pass



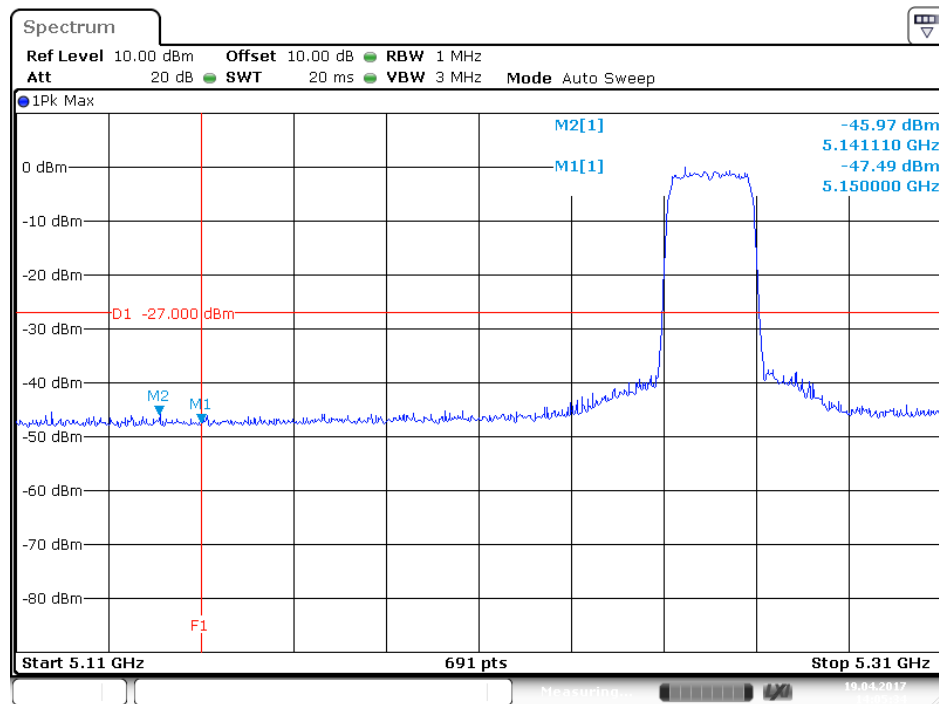
802.11N20



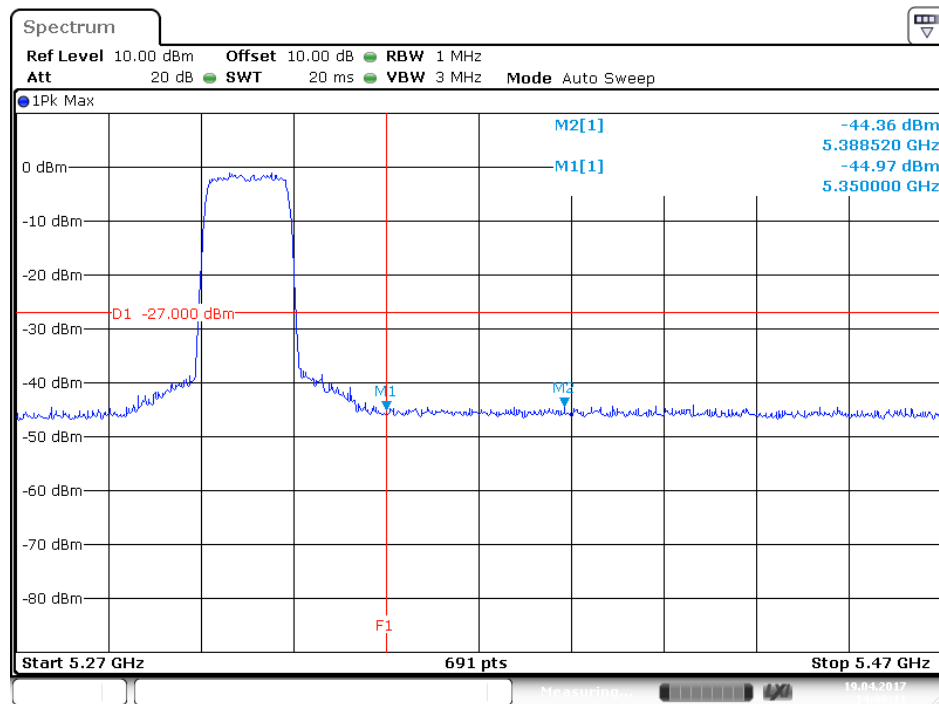
Date: 19.APR.2017 13:57:22



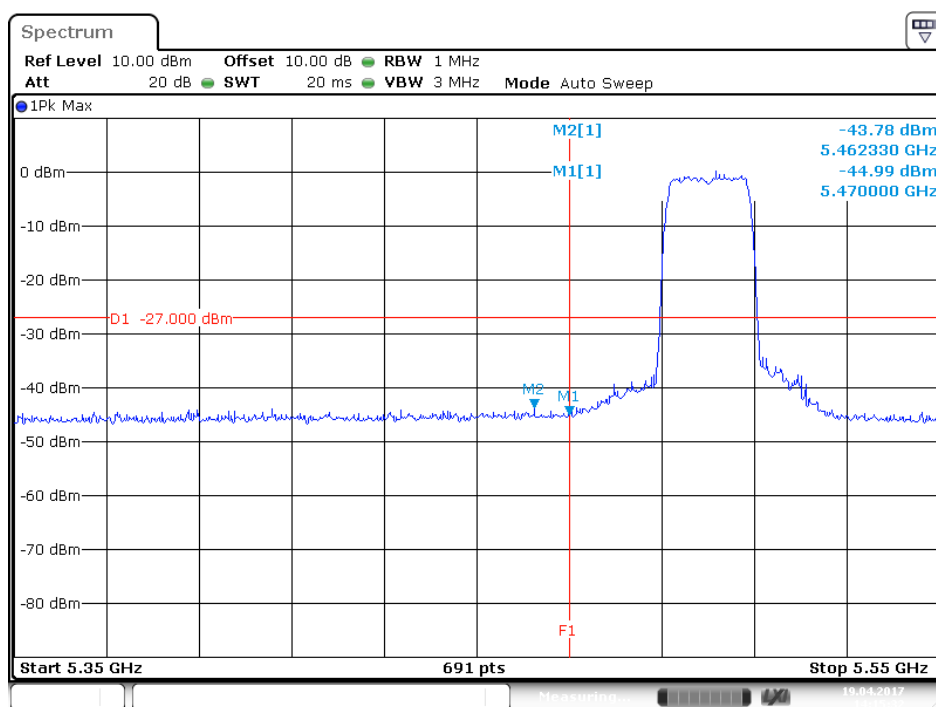
Date: 19.APR.2017 14:01:08



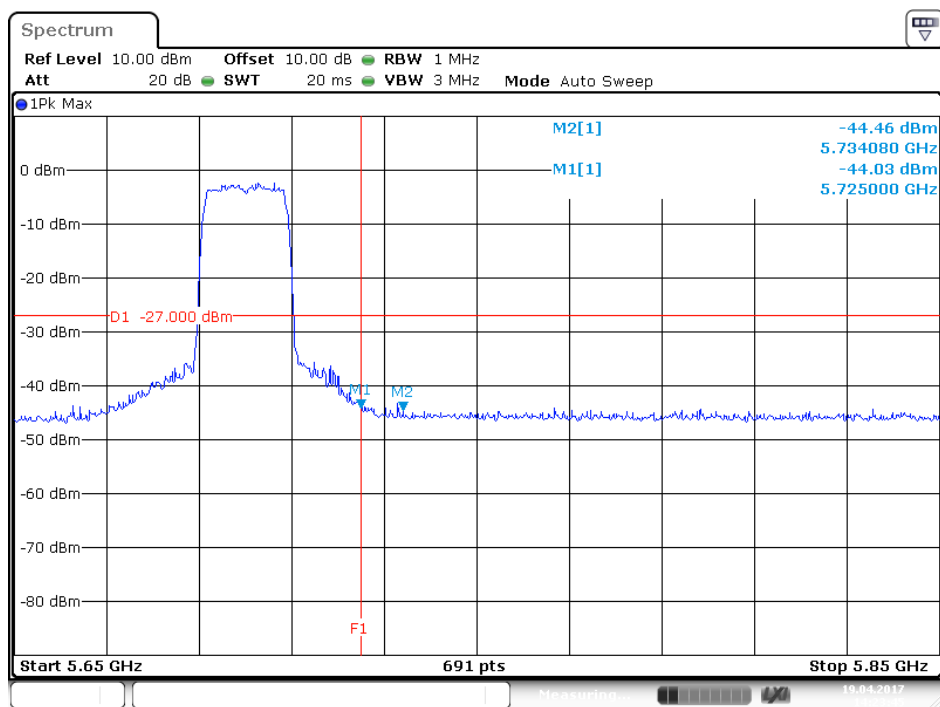
Date: 19.APR.2017 14:05:34



Date: 19.APR.2017 14:08:12



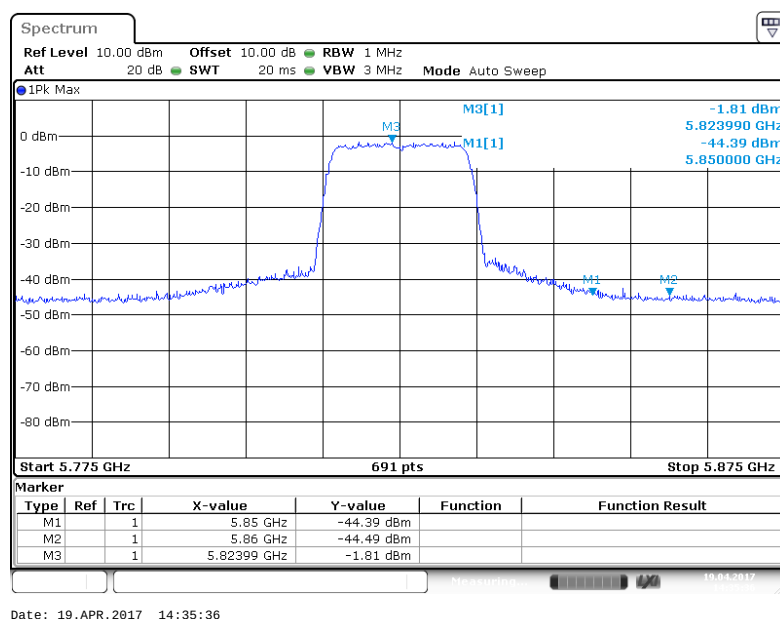
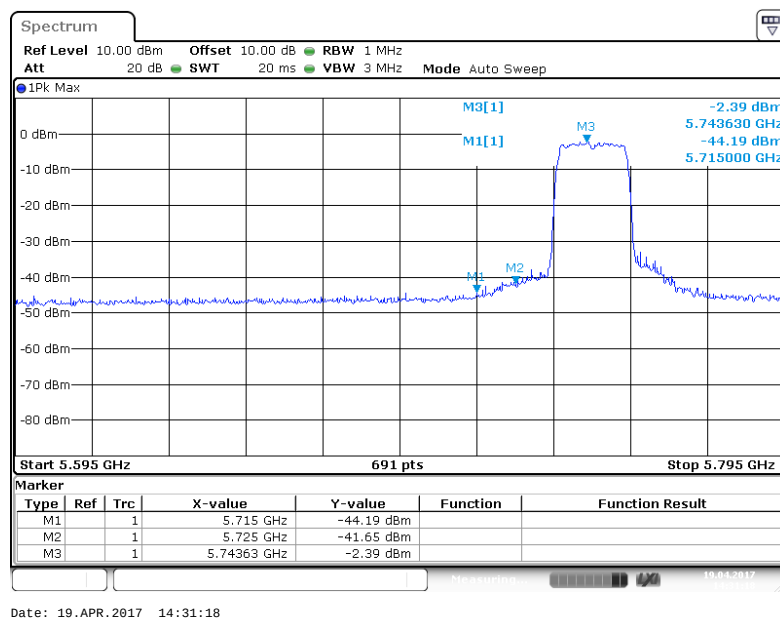
Date: 19.APR.2017 14:15:32



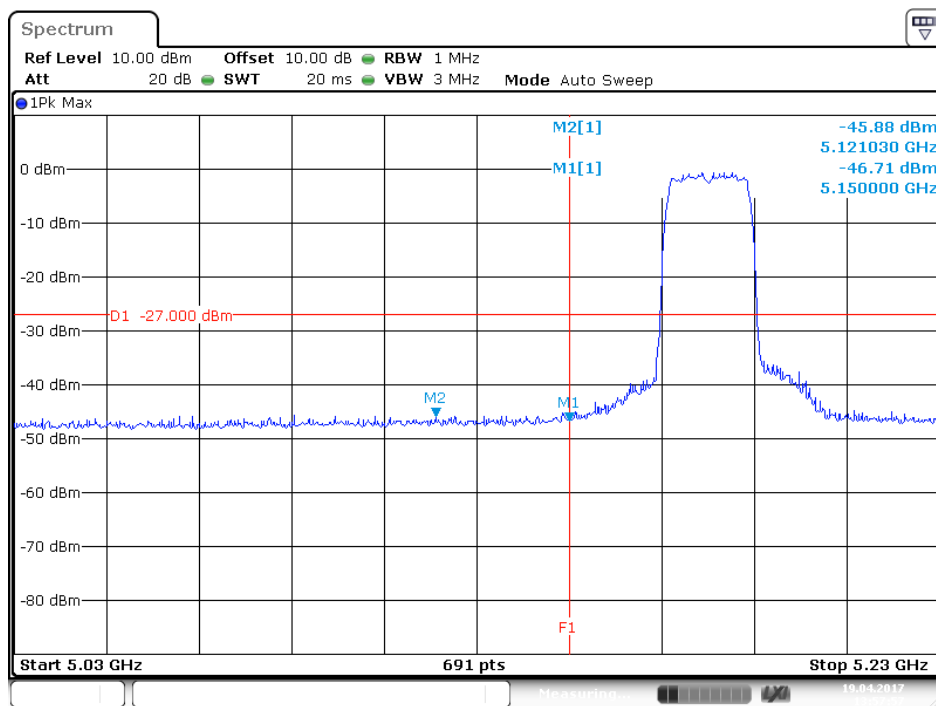
Date: 19.APR.2017 14:23:45

All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge

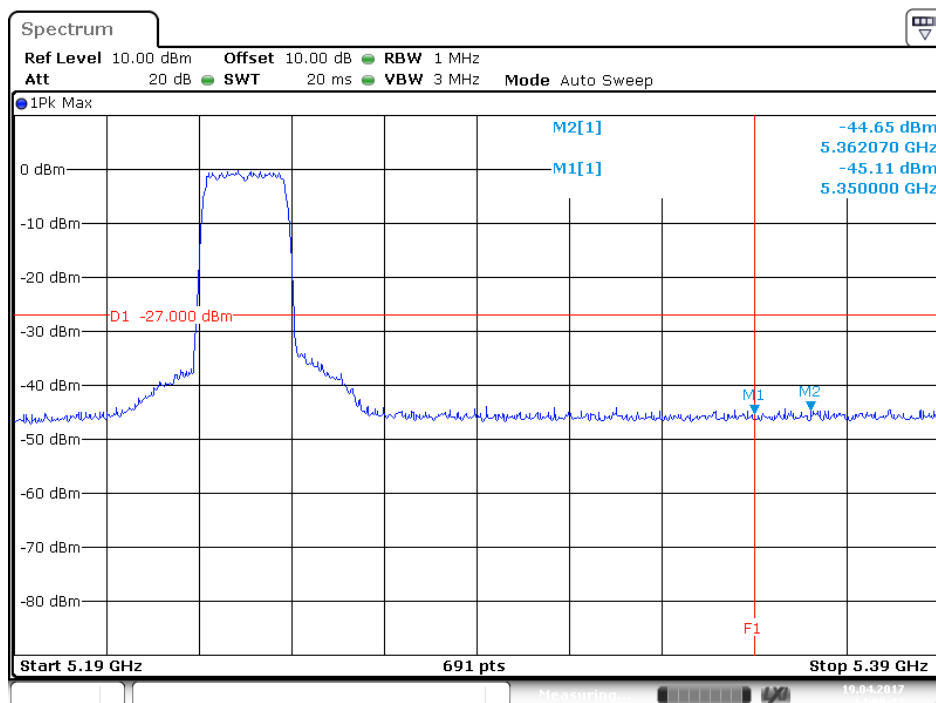
Start Frequency MHz	Stop Frequency MHz	Test value	Limit dBm	result
5595	5650	<-40dBm	-27	pass
5650	5700	<-40dBm	(-27)-10	pass
5700	5720	<-40dBm	10-15.6	pass
5720	5725	<-40dBm	15.6-27	pass
5850	5855	<-40dBm	27-15.6	pass
5855	5875	<-40dBm	15.6-10	pass
5875	5925	<-40dBm	10-(-27)	pass
5925	5975	<-40dBm	-27	pass



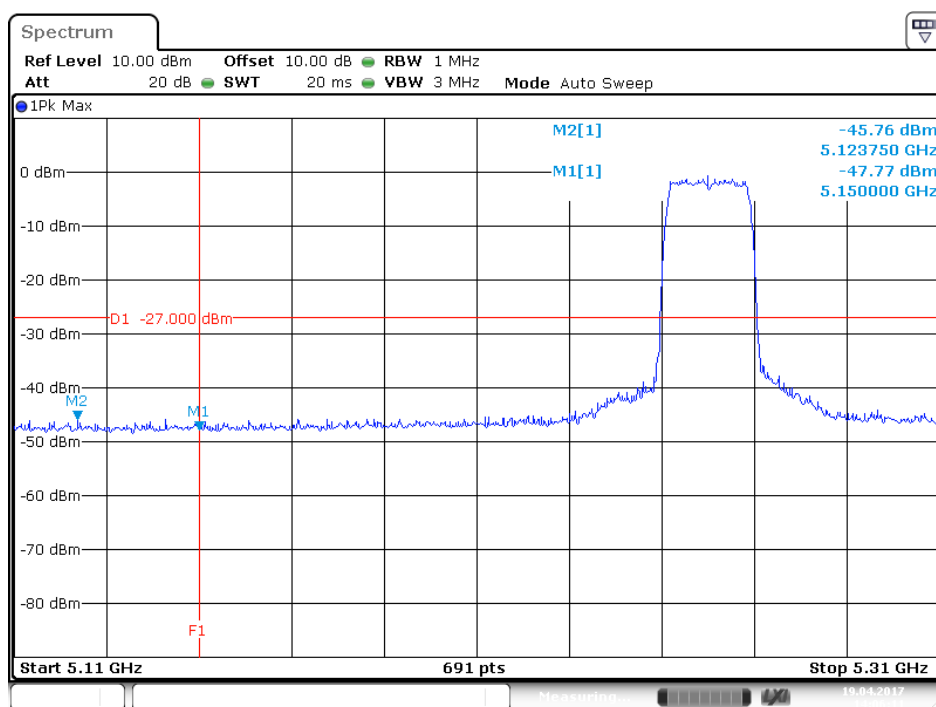
802.11ac20



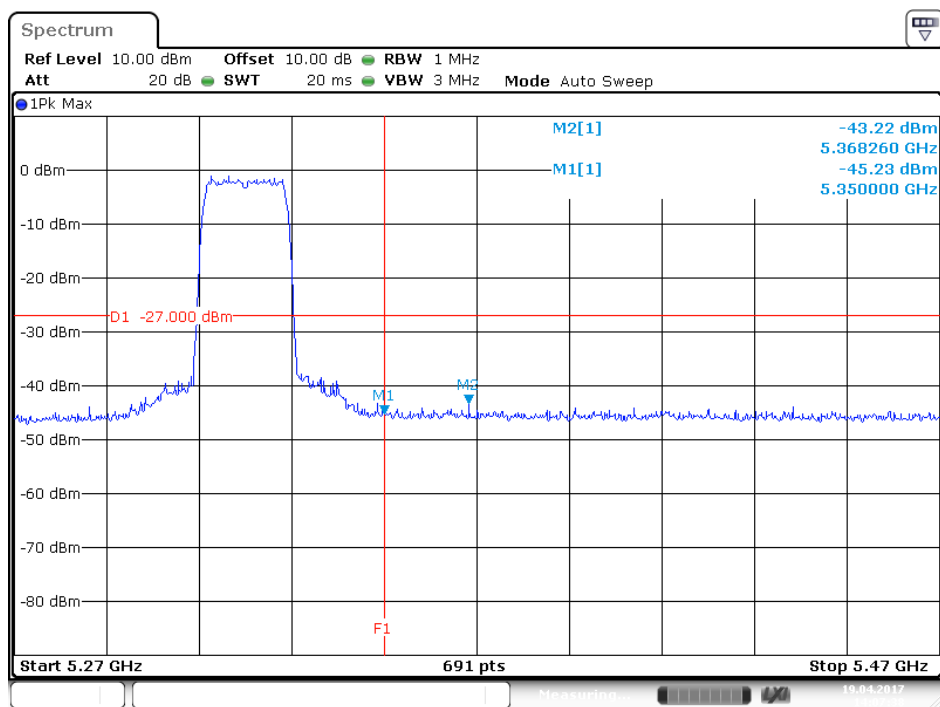
Date: 19.APR.2017 13:57:57



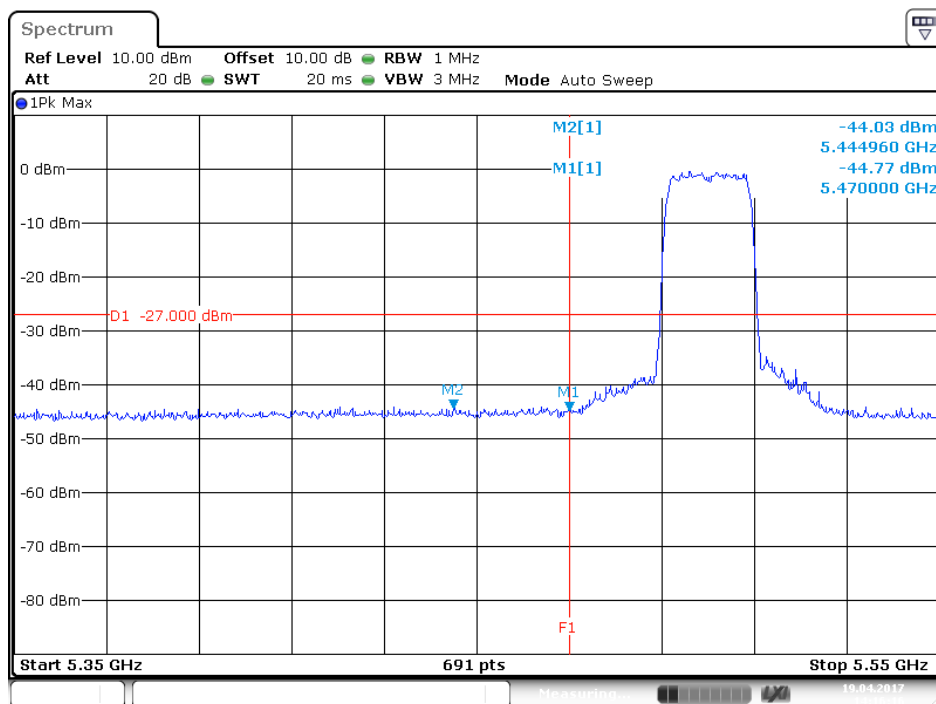
Date: 19.APR.2017 14:00:33



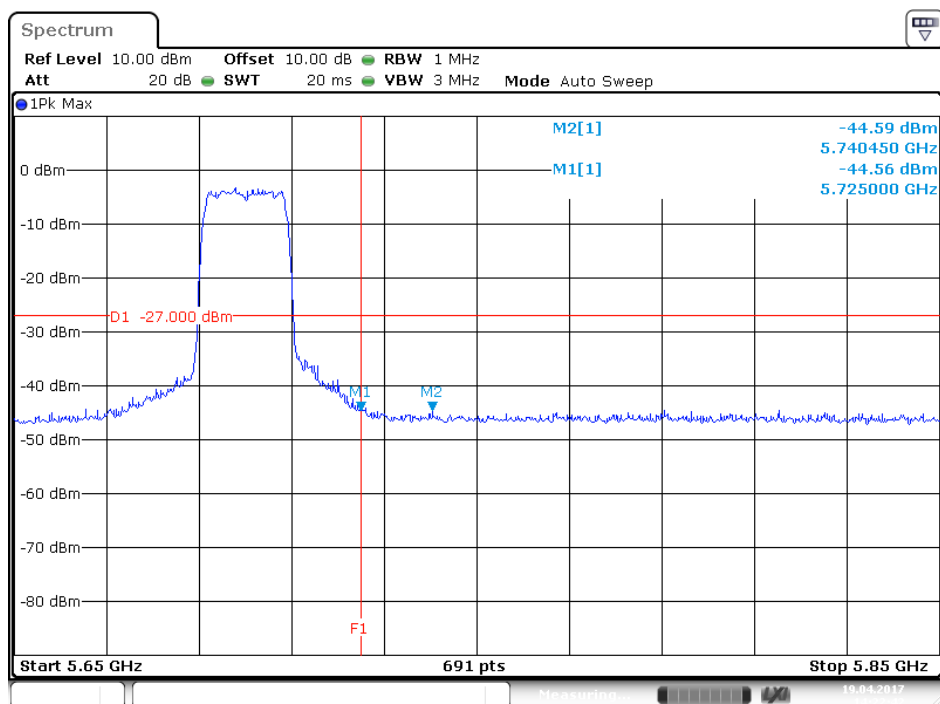
Date: 19.APR.2017 14:06:11



Date: 19.APR.2017 14:07:38



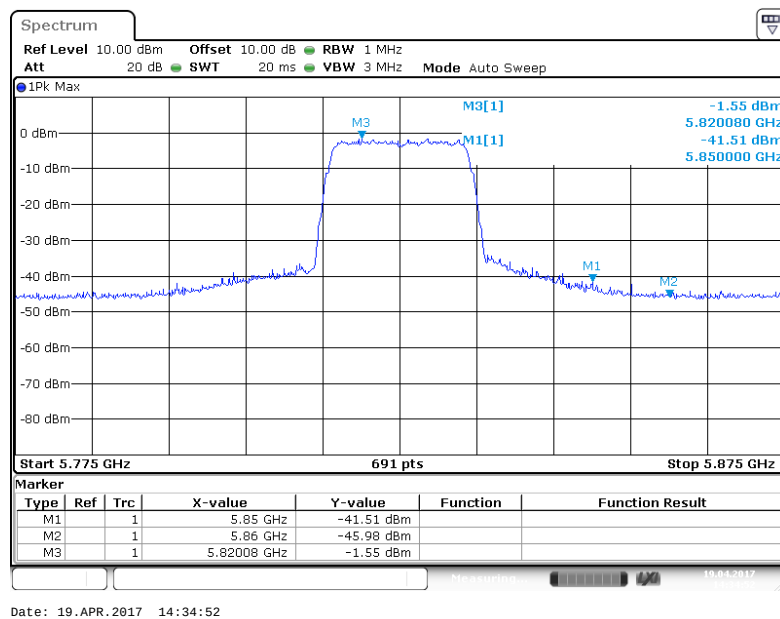
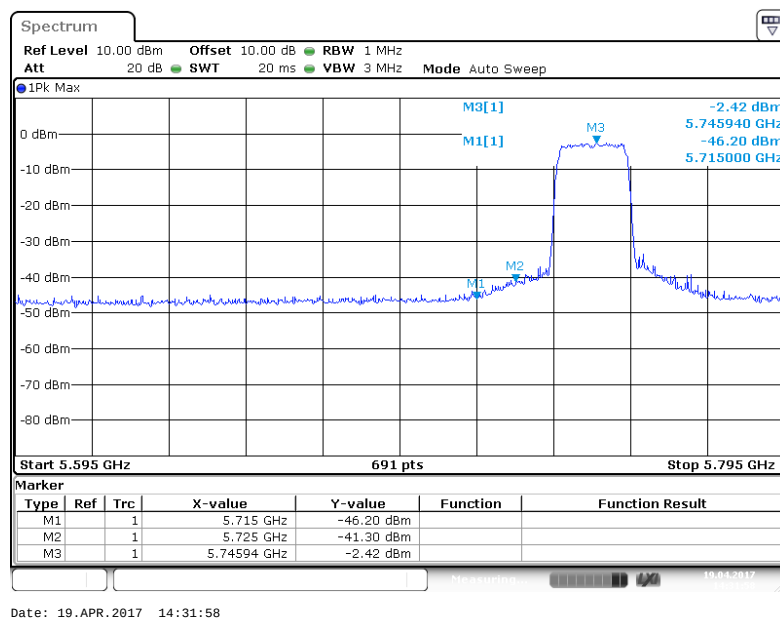
Date: 19.APR.2017 14:16:16



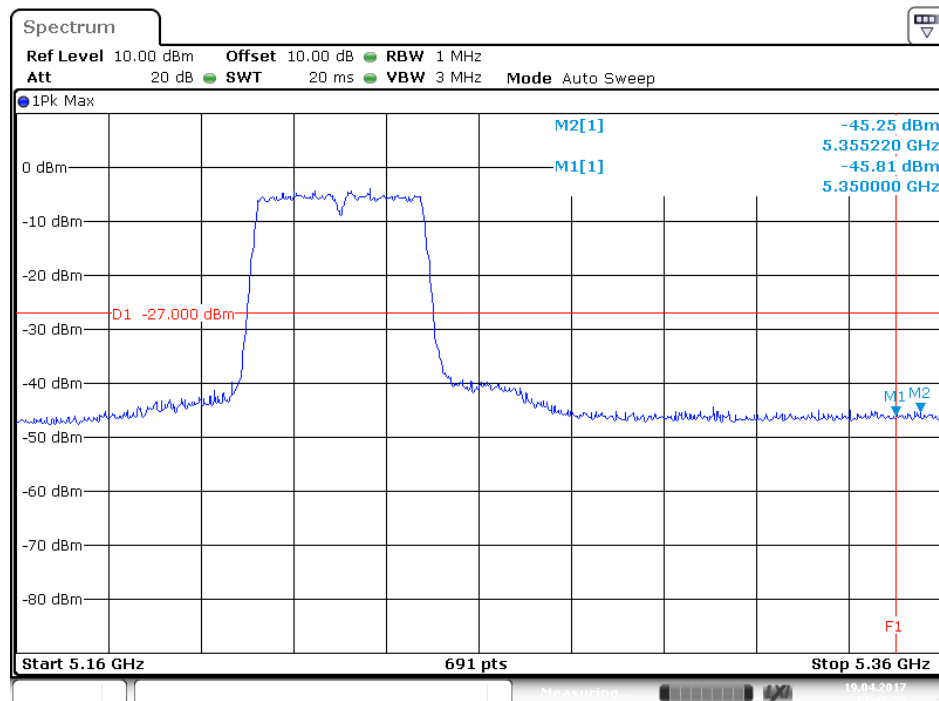
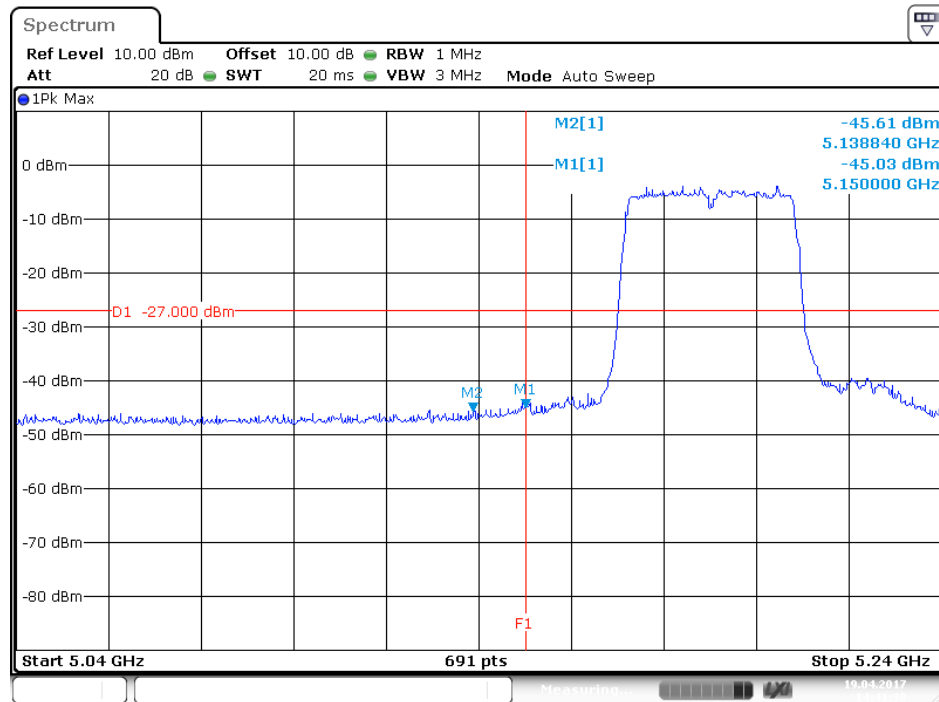
Date: 19.APR.2017 14:22:43

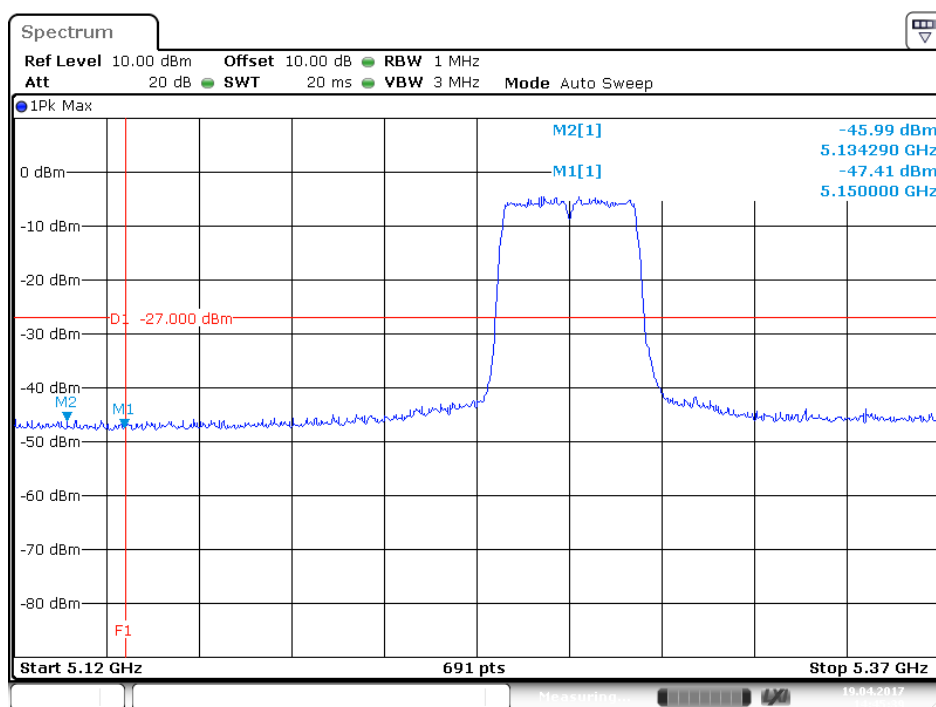
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge

Start Frequency MHz	Stop Frequency MHz	Test value	Limit dBm	result
5595	5650	<-40dBm	-27	pass
5650	5700	<-40dBm	(-27)-10	pass
5700	5720	<-40dBm	10-15.6	pass
5720	5725	<-40dBm	15.6-27	pass
5850	5855	<-40dBm	27-15.6	pass
5855	5875	<-40dBm	15.6-10	pass
5875	5925	<-40dBm	10-(-27)	pass
5925	5975	<-40dBm	-27	pass

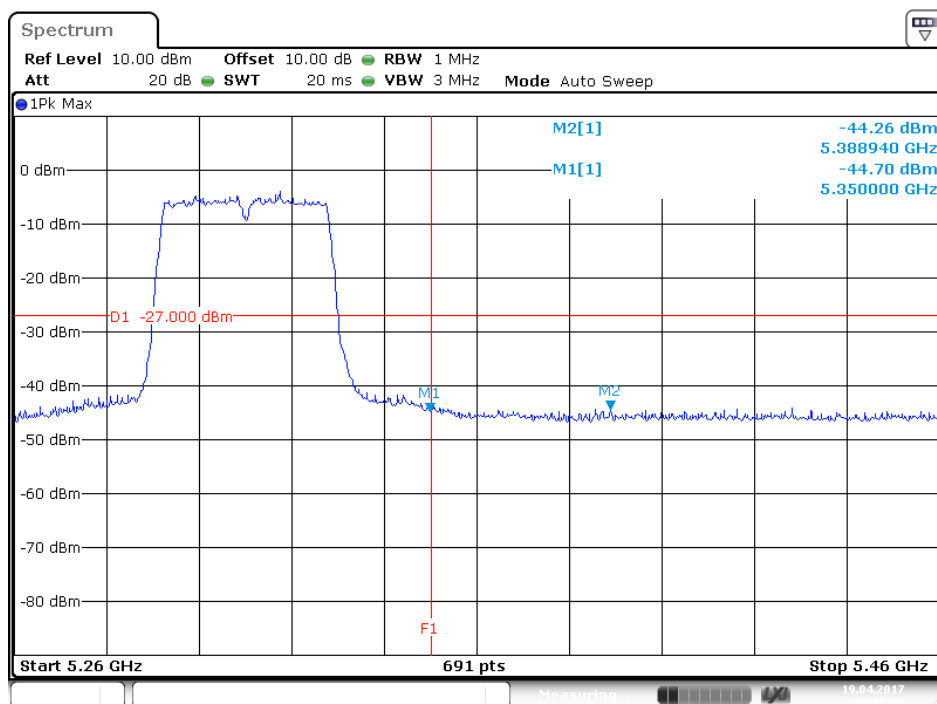


802.11N40

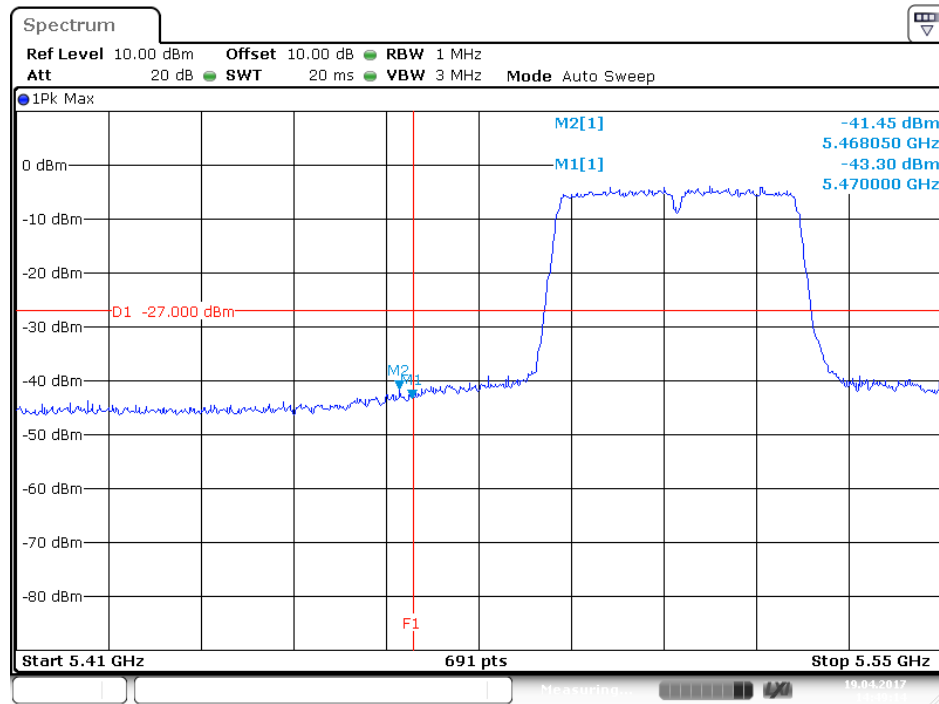




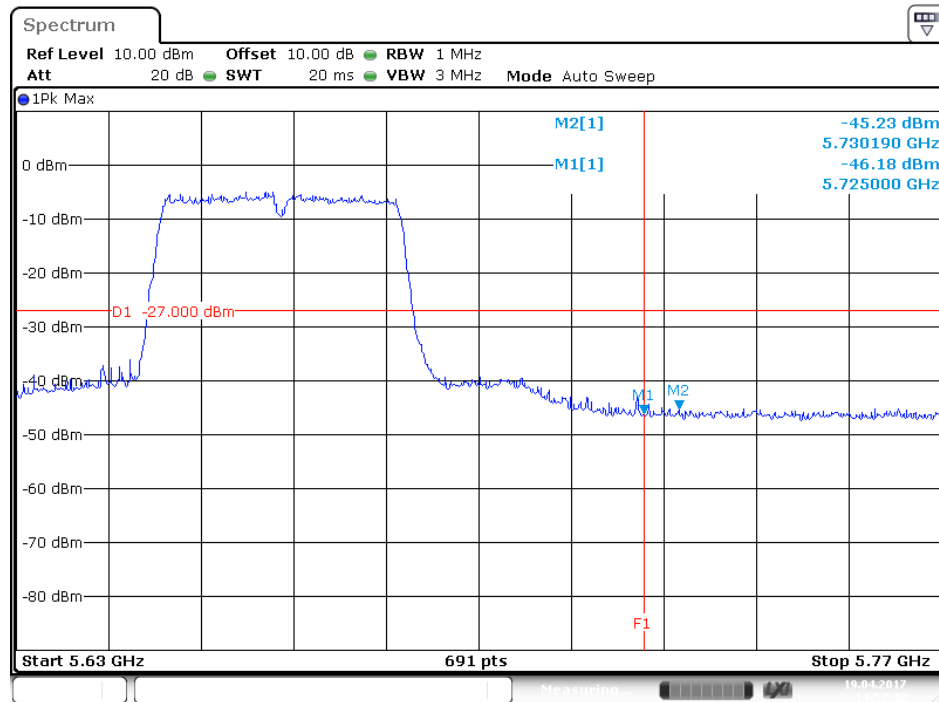
Date: 19.APR.2017 14:45:39



Date: 19.APR.2017 14:47:59



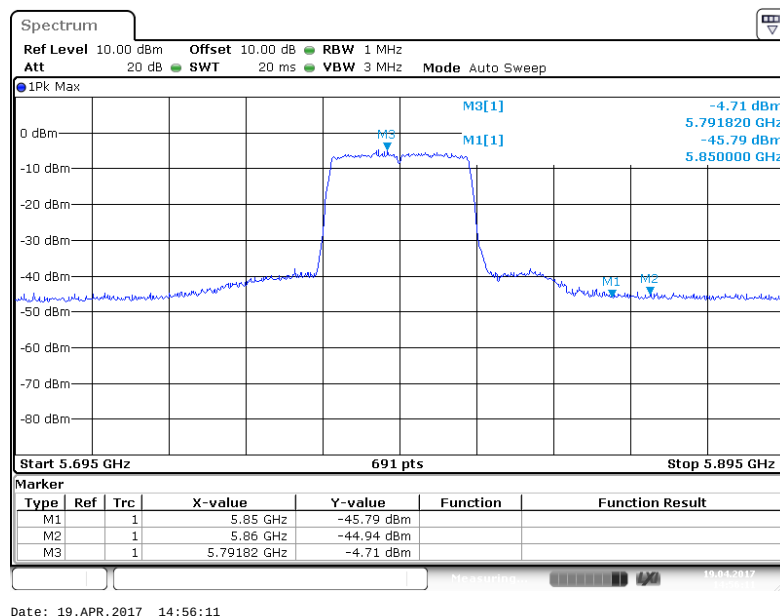
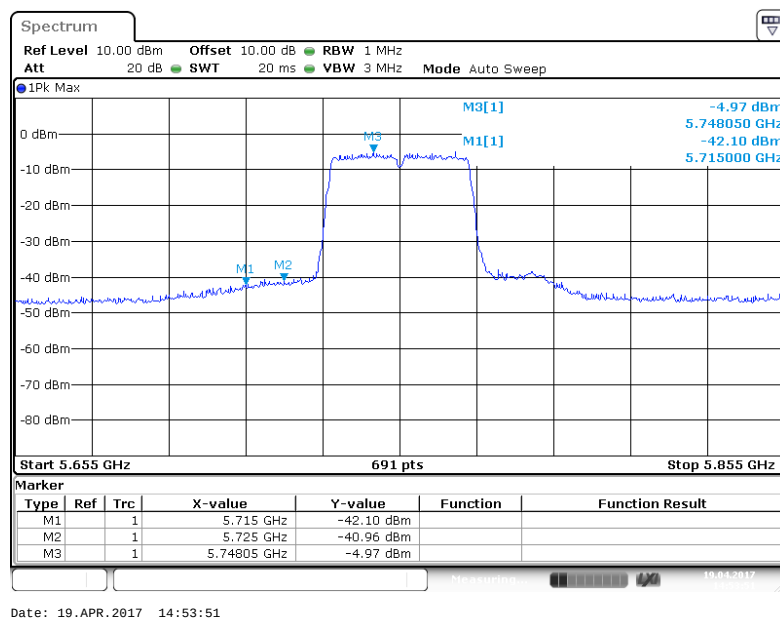
Date: 19.APR.2017 14:49:14



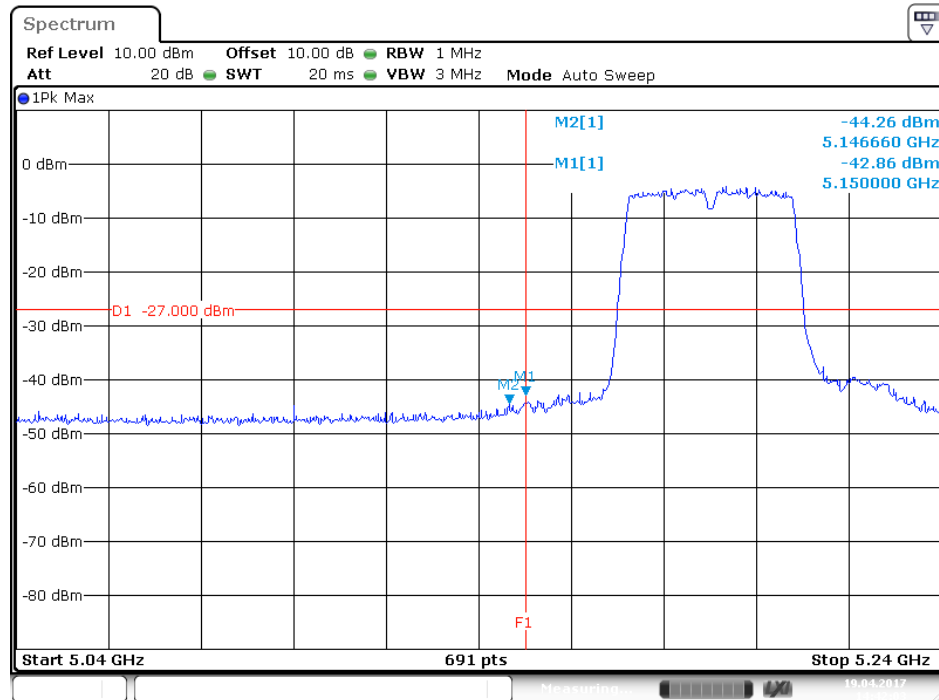
Date: 19.APR.2017 14:52:42

All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge

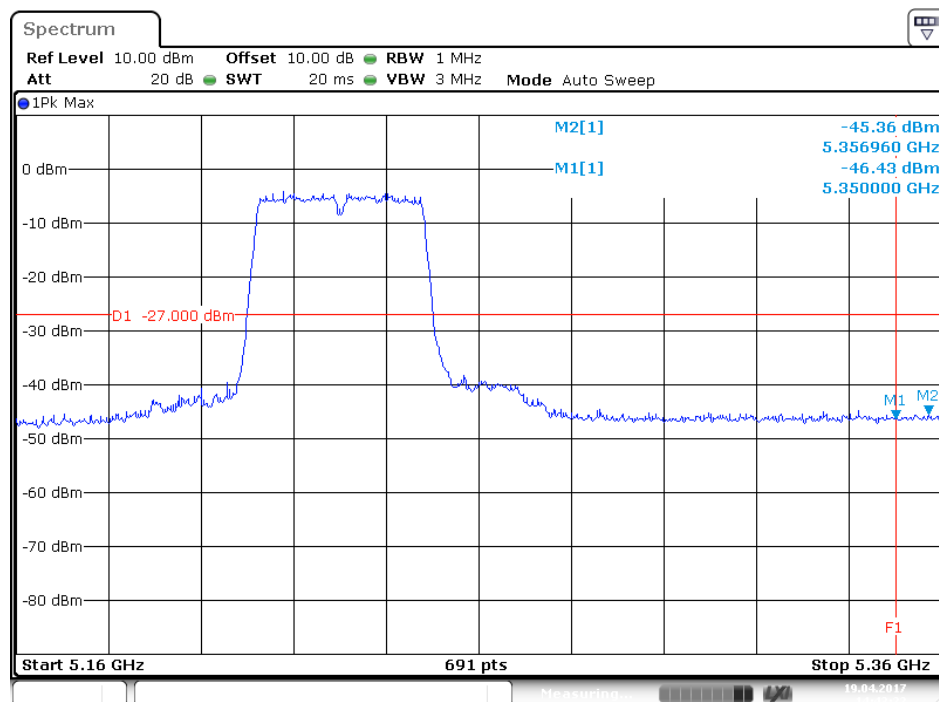
Start Frequency MHz	Stop Frequency MHz	Test value	Limit dBm	result
5595	5650	<-40dBm	-27	pass
5650	5700	<-40dBm	(-27)-10	pass
5700	5720	<-40dBm	10-15.6	pass
5720	5725	<-40dBm	15.6-27	pass
5850	5855	<-40dBm	27-15.6	pass
5855	5875	<-40dBm	15.6-10	pass
5875	5925	<-40dBm	10-(-27)	pass
5925	5975	<-40dBm	-27	pass



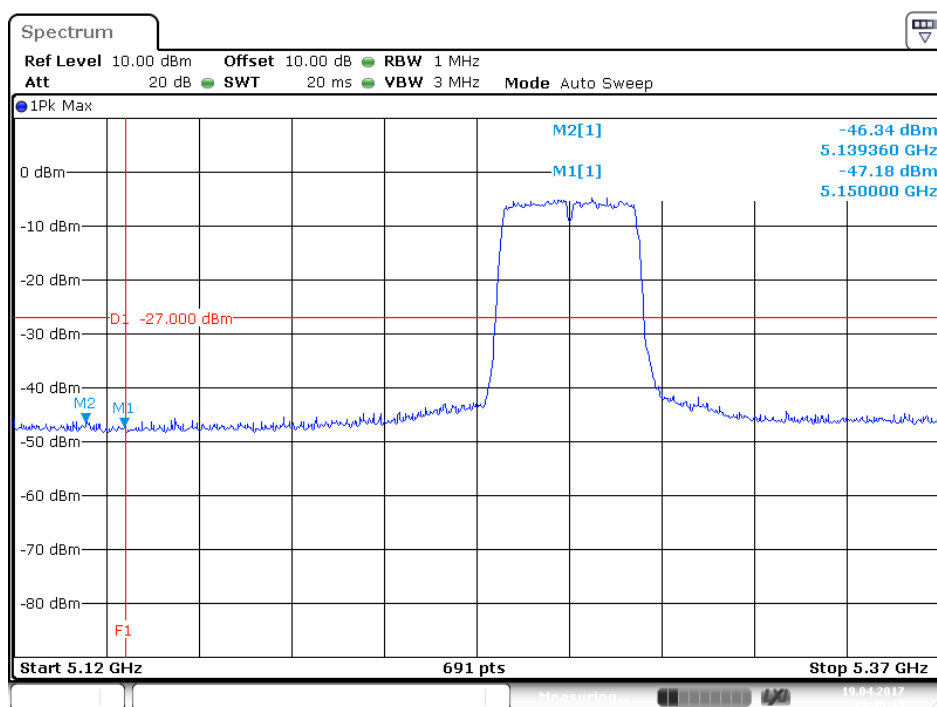
802.11ac40



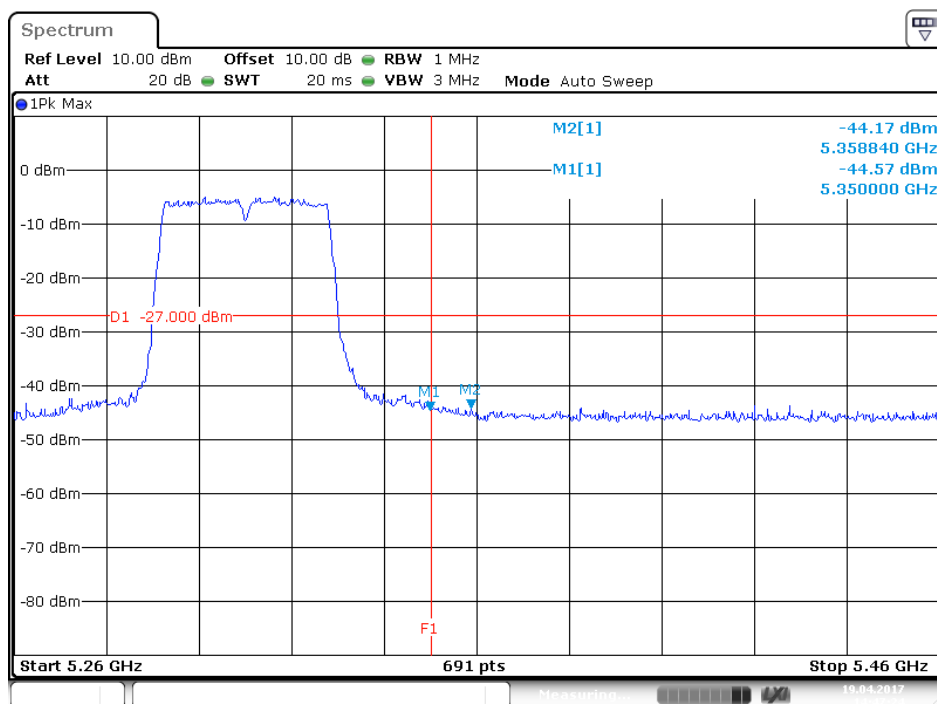
Date: 19.APR.2017 14:42:03



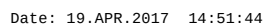
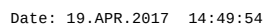
Date: 19.APR.2017 14:43:23



Date: 19.APR.2017 14:46:15

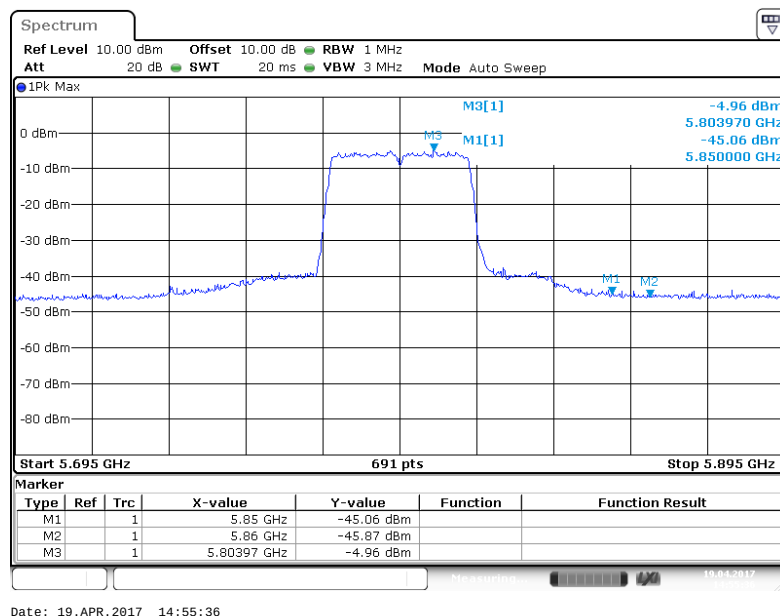
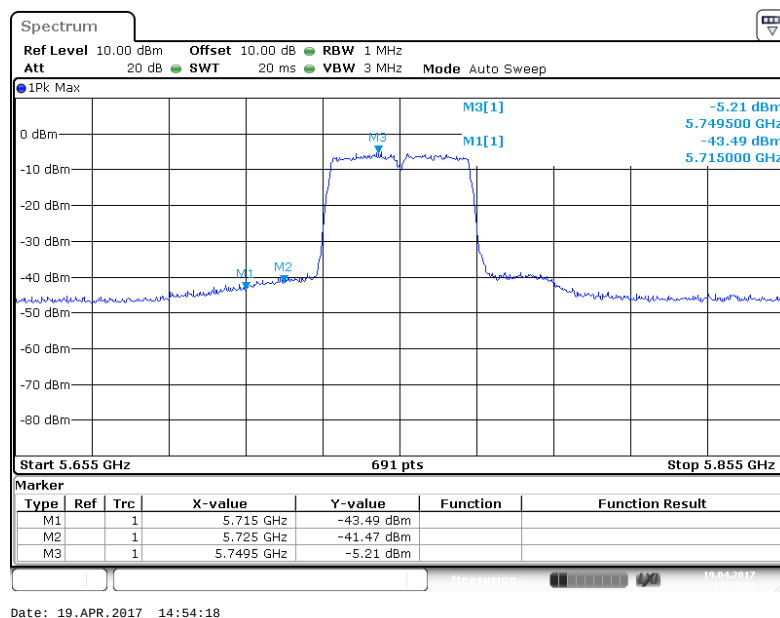


Date: 19.APR.2017 14:47:24

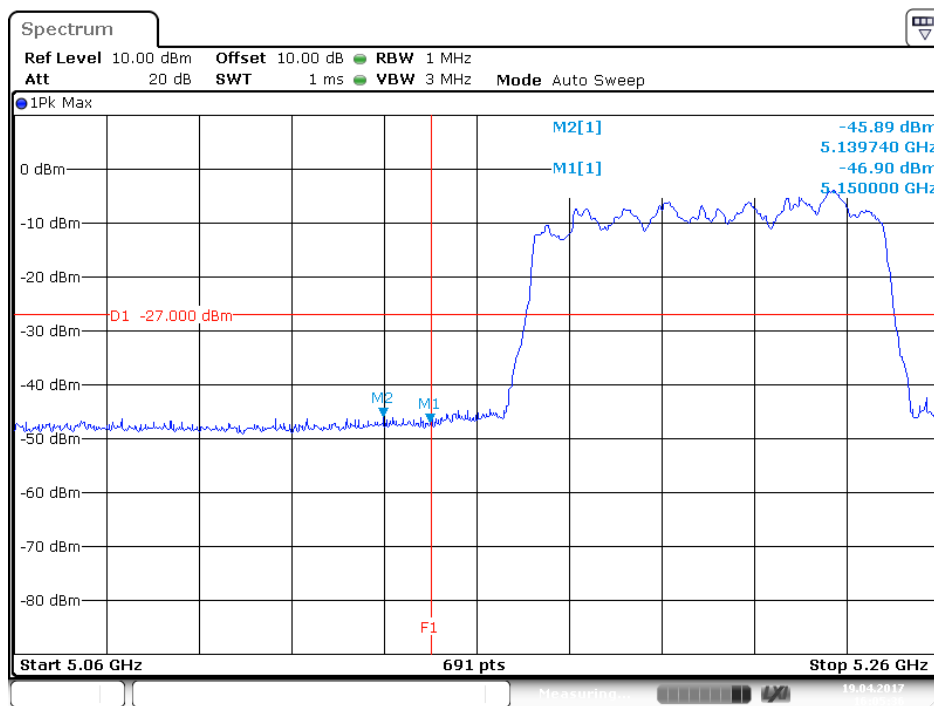


All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge

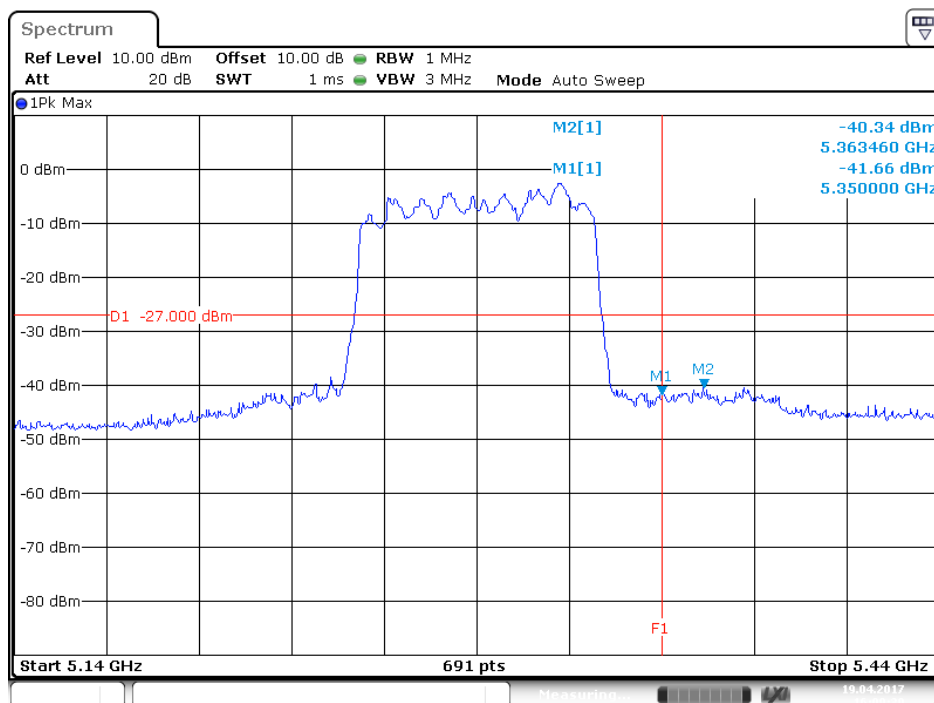
Start Frequency MHz	Stop Frequency MHz	Test value	Limit dBm	result
5595	5650	<-40dBm	-27	pass
5650	5700	<-40dBm	(-27)-10	pass
5700	5720	<-40dBm	10-15.6	pass
5720	5725	<-40dBm	15.6-27	pass
5850	5855	<-40dBm	27-15.6	pass
5855	5875	<-40dBm	15.6-10	pass
5875	5925	<-40dBm	10-(-27)	pass
5925	5975	<-40dBm	-27	pass



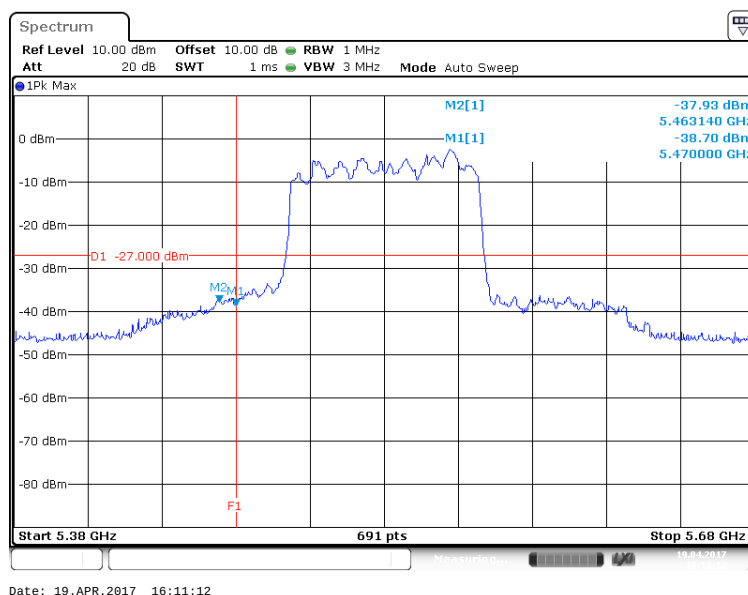
802.11ac80



Date: 19.APR.2017 16:05:36

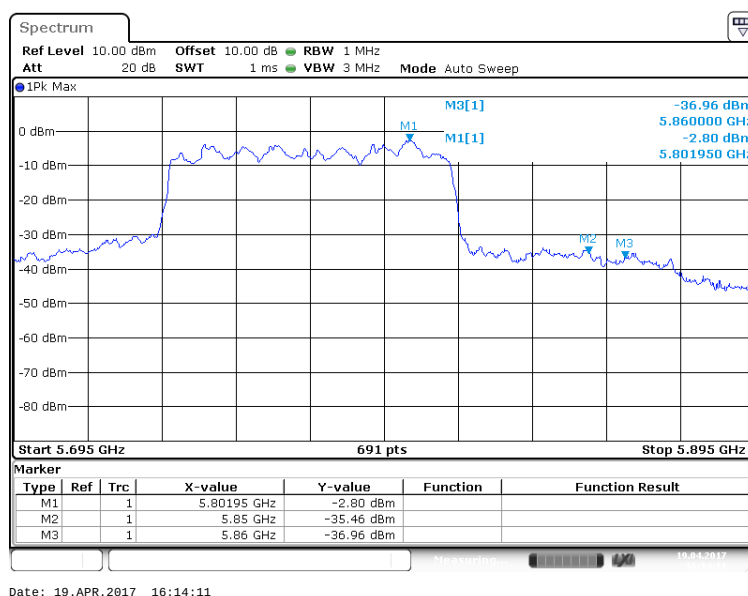


Date: 19.APR.2017 16:09:30



All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge

Start Frequency MHz	Stop Frequency MHz	Test value	Limit dBm	result
5595	5650	<-30 dBm	-27	pass
5650	5700	<-30 dBm	$(-27)-10$	pass
5700	5720	<-30 dBm	10-15.6	pass
5720	5725	<-30 dBm	15.6-27	pass
5850	5855	<-30 dBm	27-15.6	pass
5855	5875	<-30 dBm	15.6-10	pass
5875	5925	<-30 dBm	10- (-27)	pass
5925	5975	<-30 dBm	-27	pass



Radiated Band Edge Result

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$
3. Display the measurement of peak values.
4. The EUT is tested radiation emission at each test mode (802.11a/ac/n) in three axes. The worst emissions are reflected in the following plots.
5. The average measurement was not performed when peak measured data under the limit of average detection.

Test mode: 802.11a

TX Frequency: 5180MHz, 5240MHz, 5260MHz, 5320MHz, 5500MHz, 5700MHz, 5745MHz, 5825MHz

The EUT is tested Radiated Band Edge at each test mode in three axes. The worst emissions are reflected in the following plots



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #2078

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5180MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

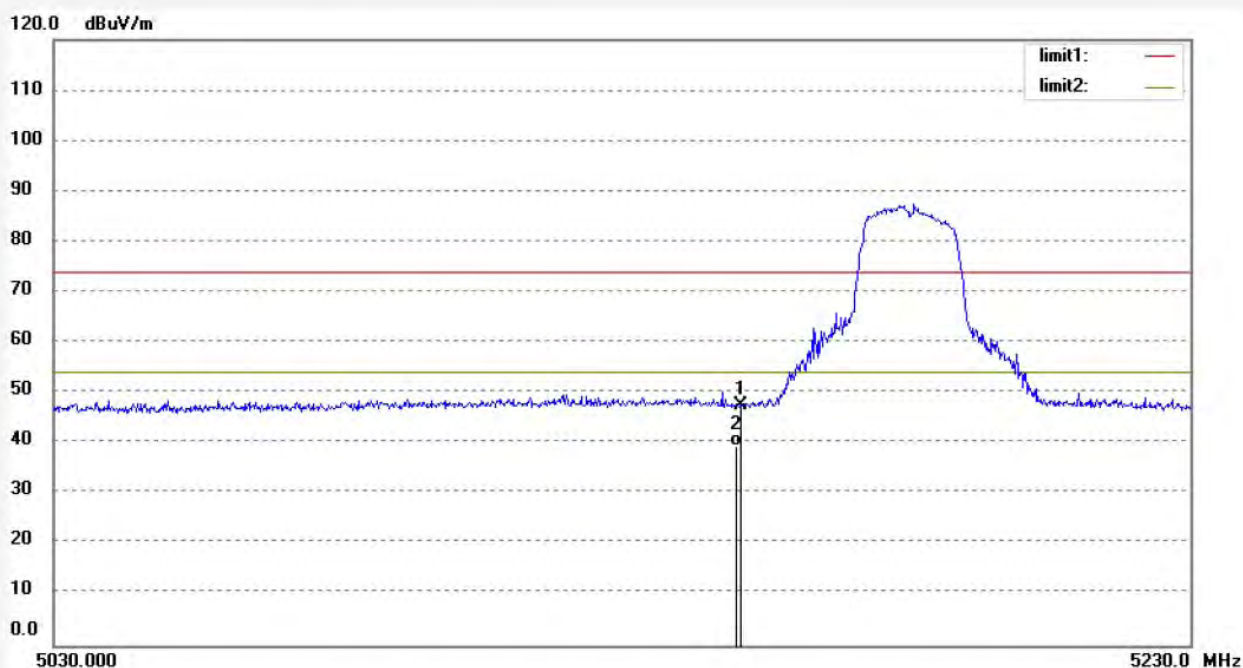
Date: 2017/04/22

Time: 18:23:45

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.09	6.39	47.48	74.00	-26.52	peak			
2	5150.000	33.11	6.39	39.50	54.00	-14.50	AVG			



ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: star2016 #2077

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5180MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

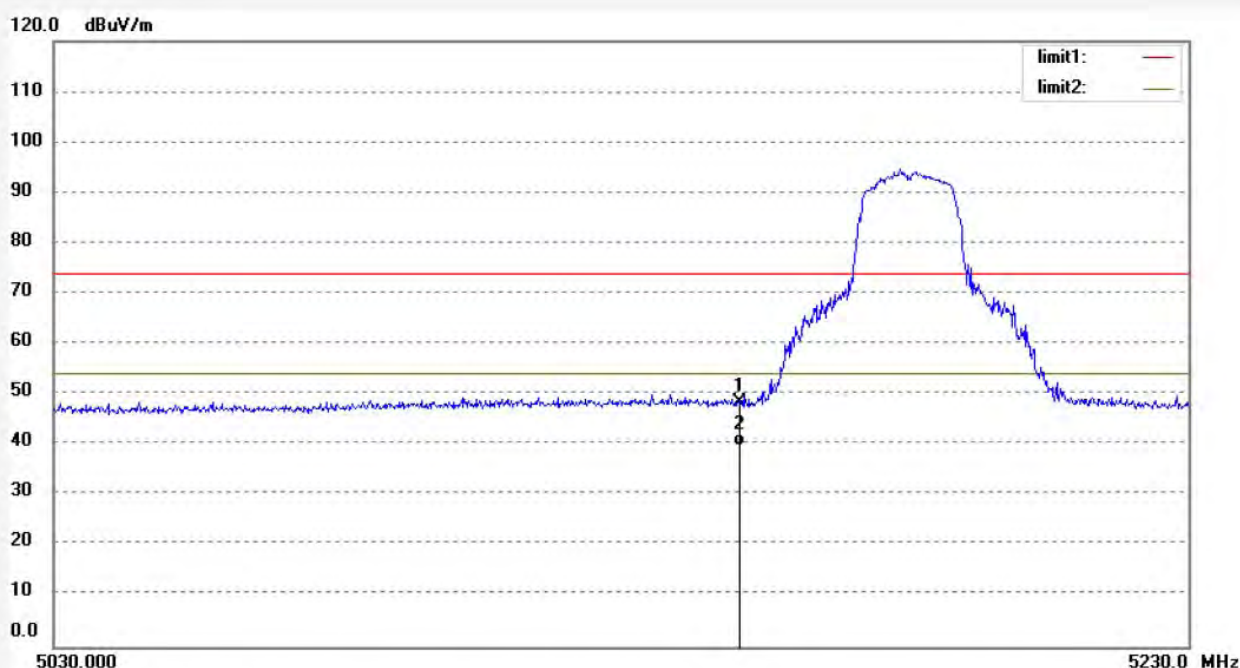
Date: 2017/04/22

Time: 18:22:50

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.97	6.39	48.36	74.00	-25.64	peak			
2	5150.000	33.48	6.39	39.87	54.00	-14.13	AVG			

Job No.: star2016 #2079

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5240MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

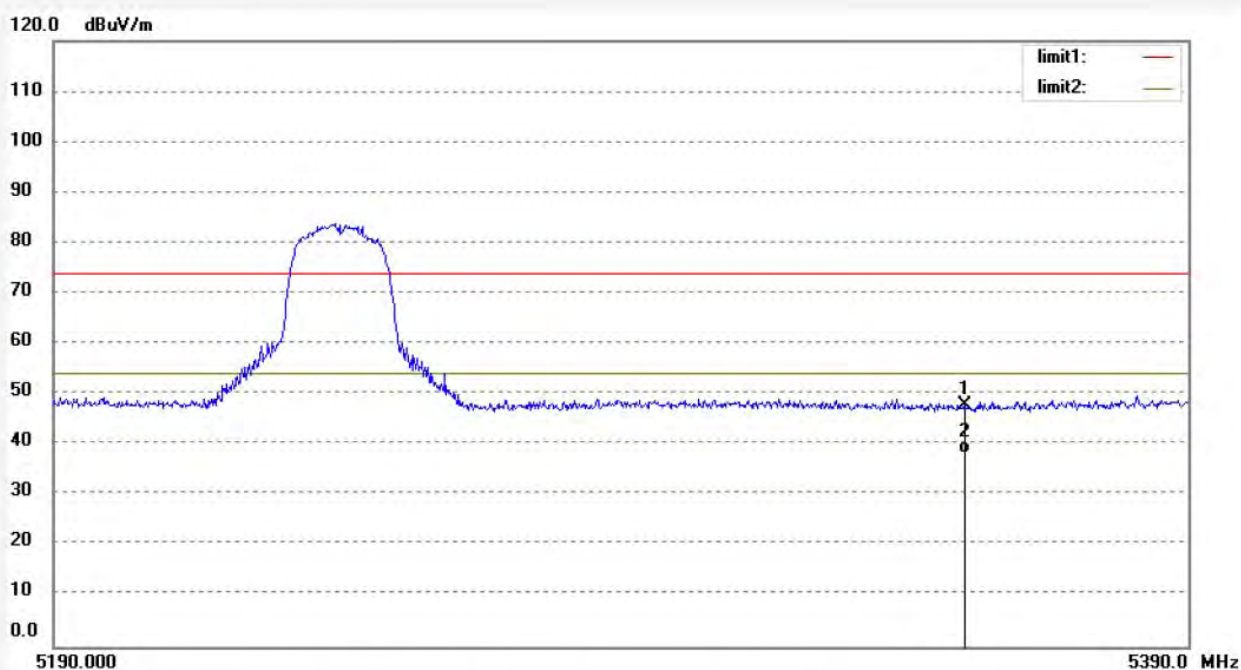
Date: 2017/04/22

Time: 18:25:47

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.96	6.86	47.82	74.00	-26.18	peak			
2	5350.000	31.28	6.86	38.14	54.00	-15.86	AVG			

Job No.: star2016 #2080

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5240MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

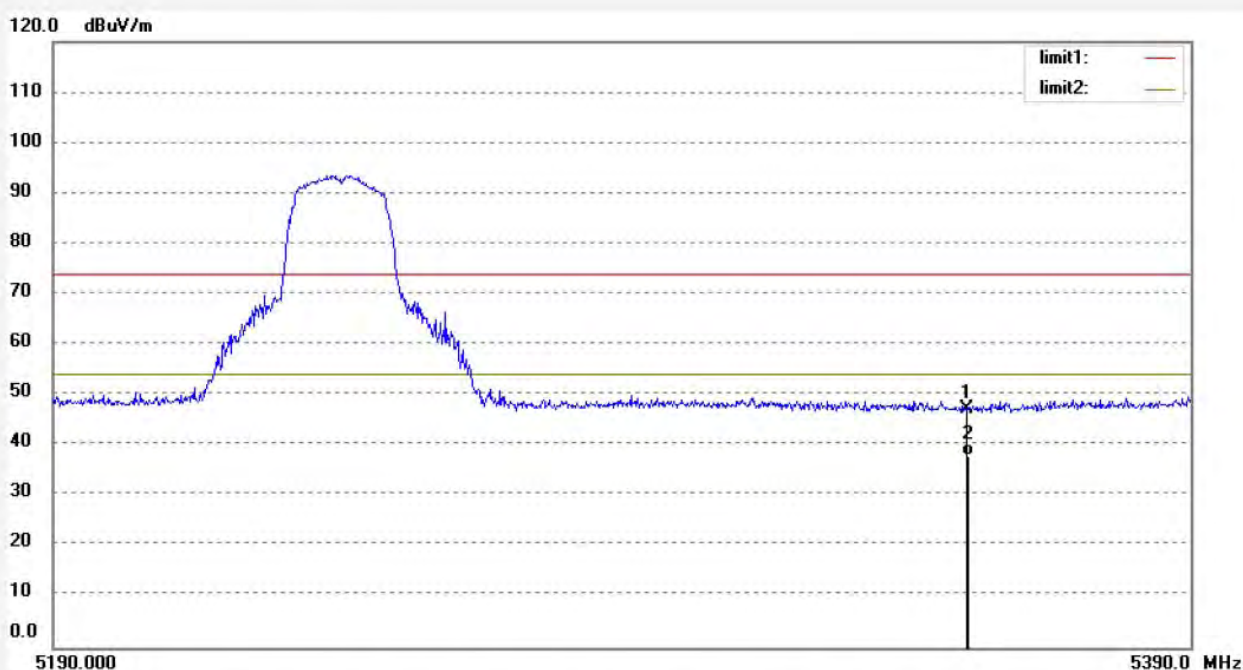
Date: 2017/04/22

Time: 18:26:40

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.53	6.86	47.39	74.00	-26.61	peak			
2	5350.000	31.00	6.86	37.86	54.00	-16.14	AVG			

Job No.: star2016 #2082

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5260MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

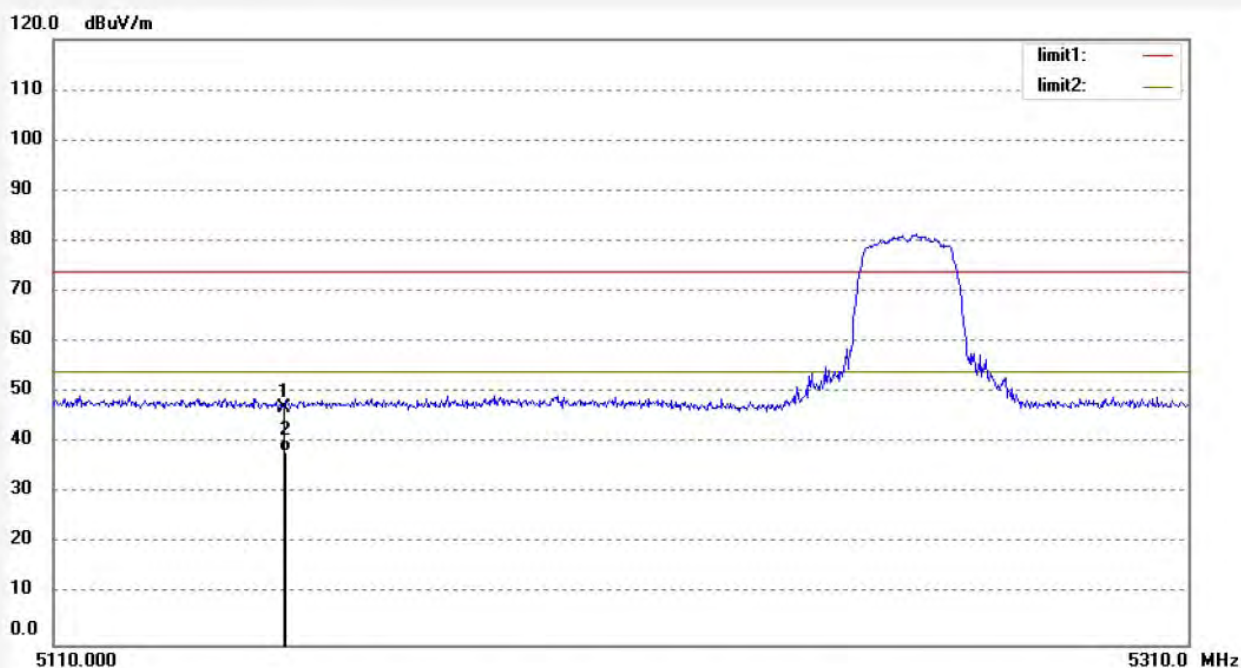
Date: 2017/04/22

Time: 18:29:13

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	40.67	6.39	47.06	74.00	-26.94	peak			
2	5150.000	31.71	6.39	38.10	54.00	-15.90	AVG			

Job No.: star2016 #2081

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5260MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

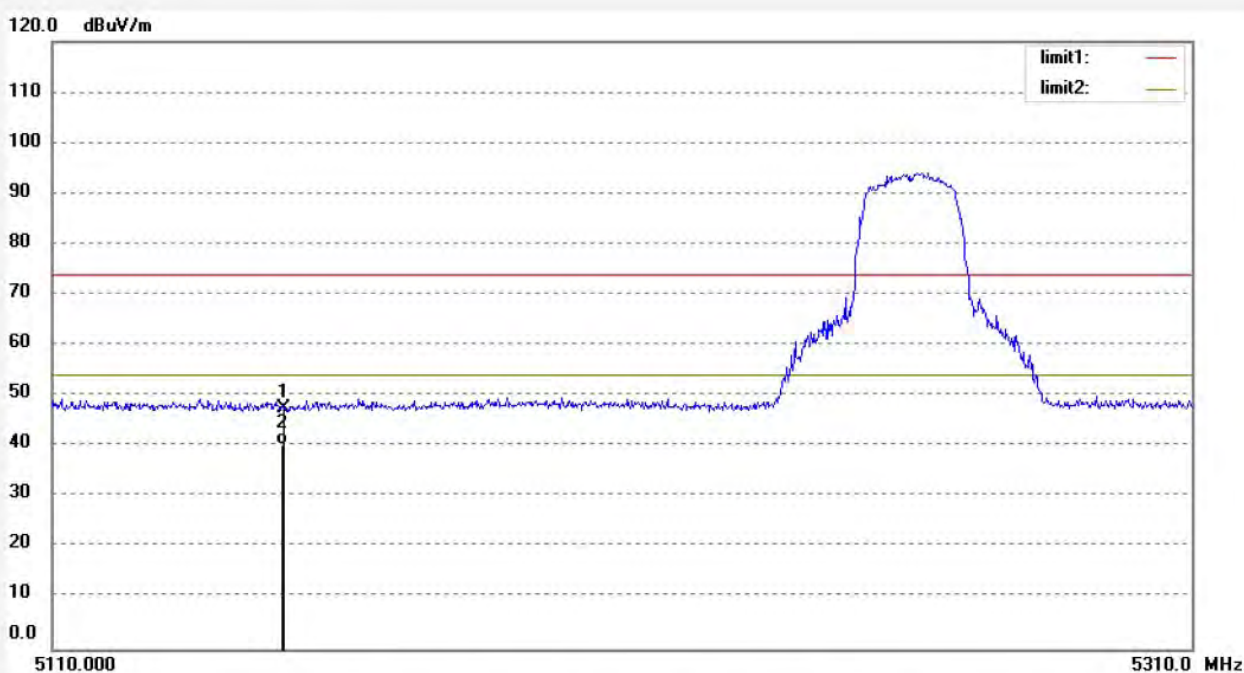
Date: 2017/04/22

Time: 18:28:26

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.22	6.39	47.61	74.00	-26.39	peak			
2	5150.000	34.08	6.39	40.47	54.00	-13.53	AVG			



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Job No.: star2016 #2083

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5320MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

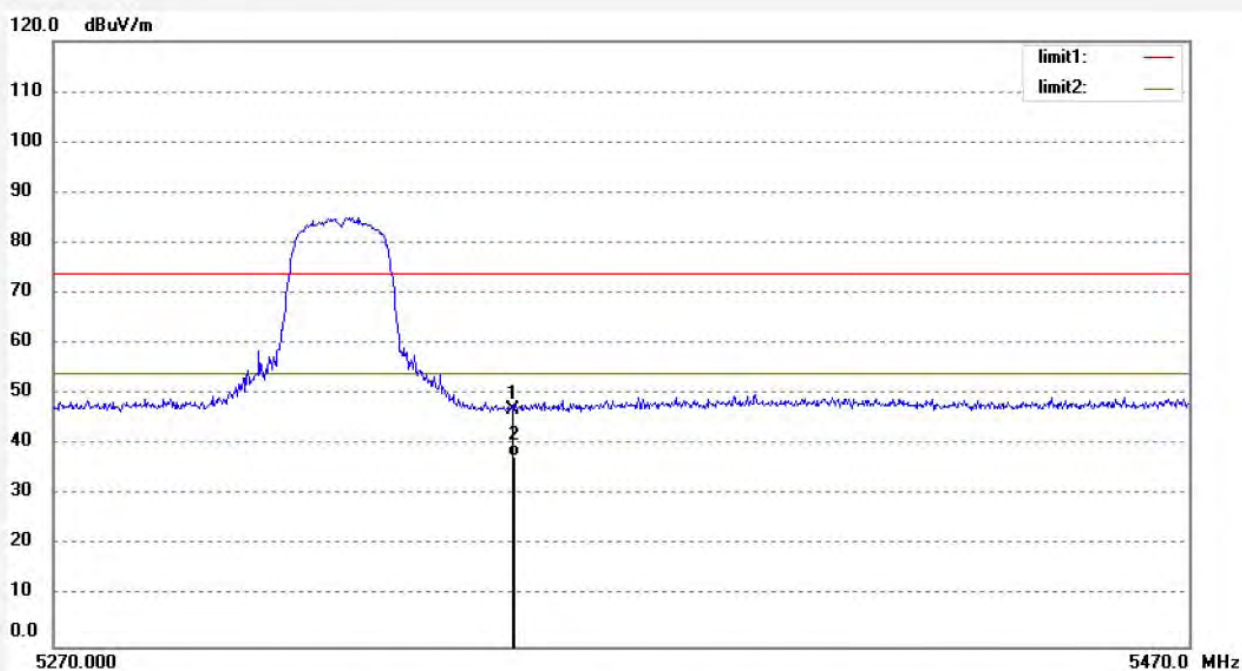
Date: 2017/04/22

Time: 18:31:01

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.22	6.86	47.08	74.00	-26.92	peak			
2	5350.000	30.74	6.86	37.60	54.00	-16.40	AVG			



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Job No.: star2016 #2084

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5320MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

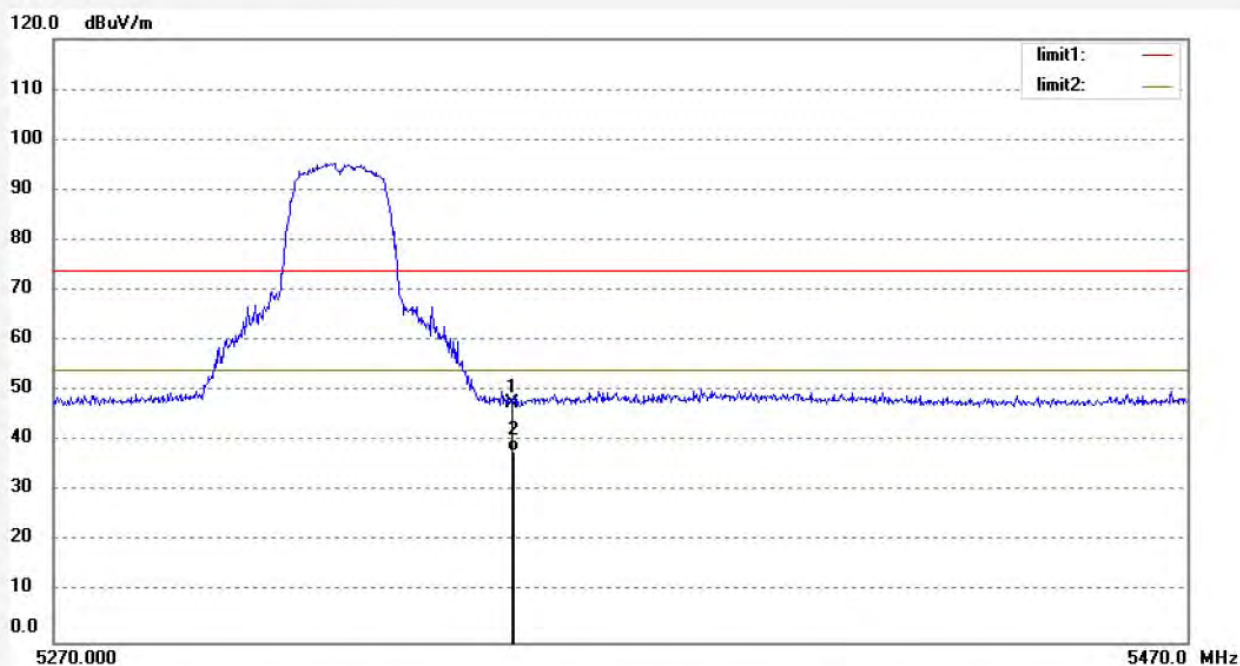
Date: 2017/04/22

Time: 18:31:46

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.58	6.86	47.44	74.00	-26.56	peak			
2	5350.000	31.07	6.86	37.93	54.00	-16.07	AVG			

Job No.: star2016 #2086

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5500MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

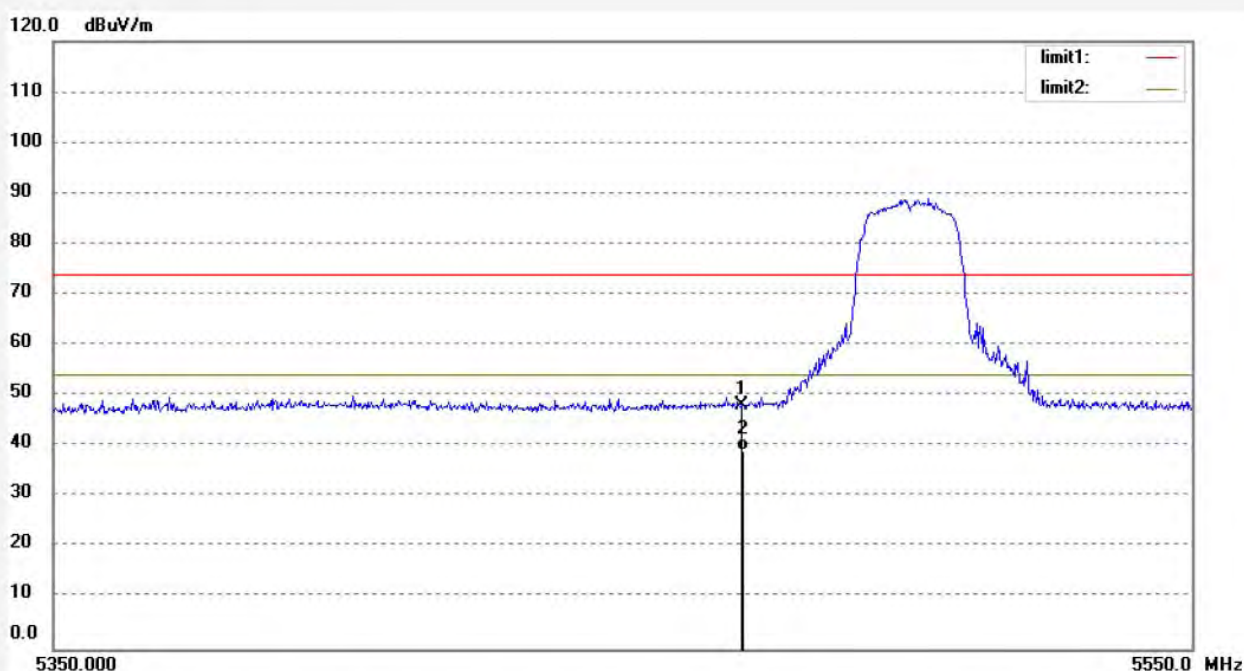
Date: 2017/04/22

Time: 18:34:01

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5470.000	40.95	7.23	48.18	74.00	-25.82	peak			
2	5470.000	31.84	7.23	39.07	54.00	-14.93	AVG			

Job No.: star2016 #2085

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5500MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

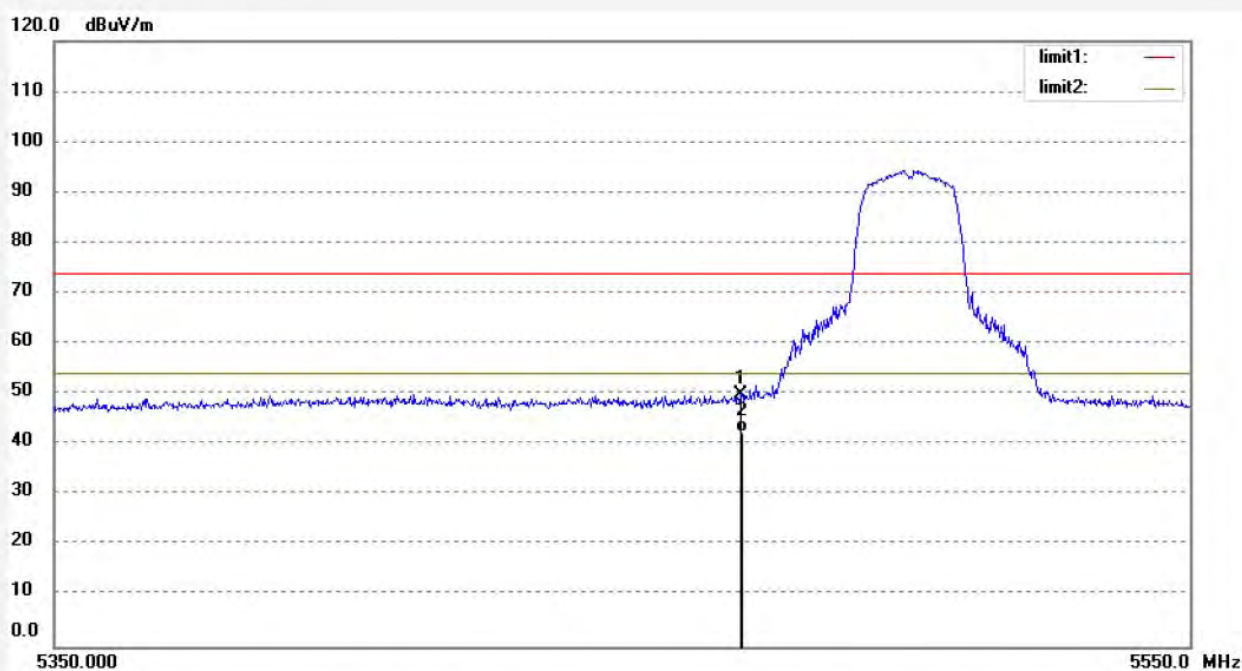
Date: 2017/04/22

Time: 18:33:15

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5470.000	42.82	7.23	50.05	74.00	-23.95	peak			
2	5470.000	35.17	7.23	42.40	54.00	-11.60	AVG			

Job No.: star2016 #2087

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5700MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

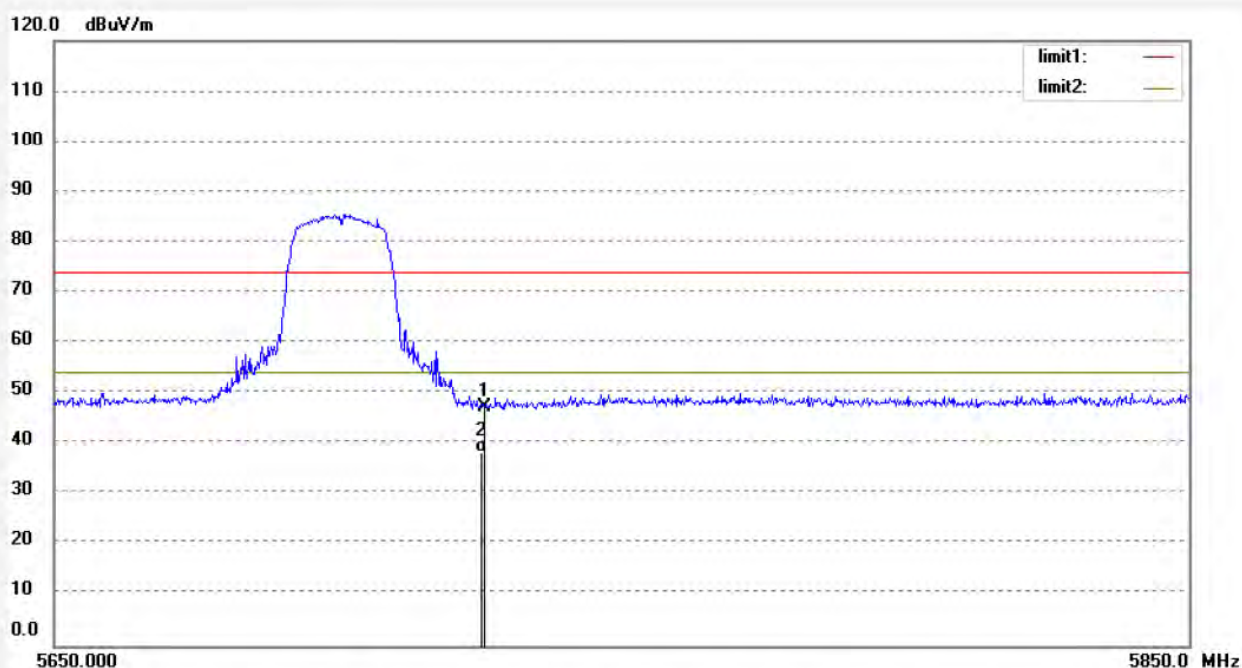
Date: 2017/04/22

Time: 18:35:33

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5725.000	39.50	7.65	47.15	74.00	-26.85	peak			
2	5725.000	30.46	7.65	38.11	54.00	-15.89	AVG			

Job No.: star2016 #2088

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5700MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

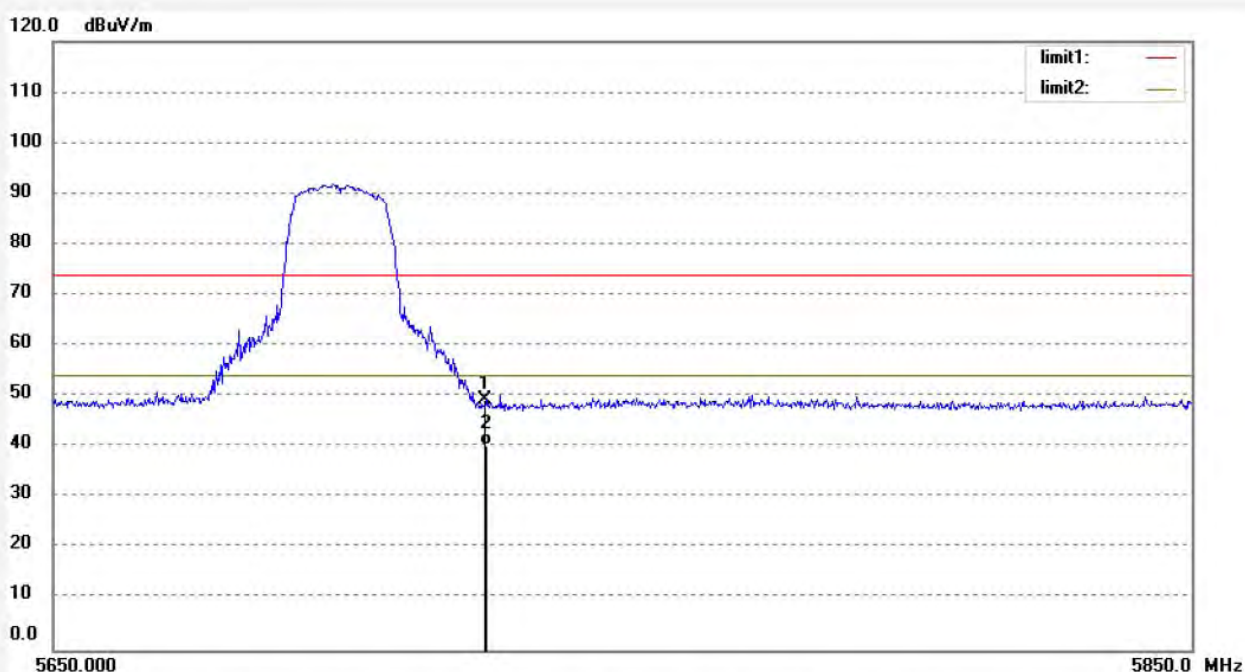
Date: 2017/04/22

Time: 18:36:17

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5725.000	41.59	7.65	49.24	74.00	-24.76	peak			
2	5725.000	32.57	7.65	40.22	54.00	-13.78	AVG			



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Job No.: star2016 #2090

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5745MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

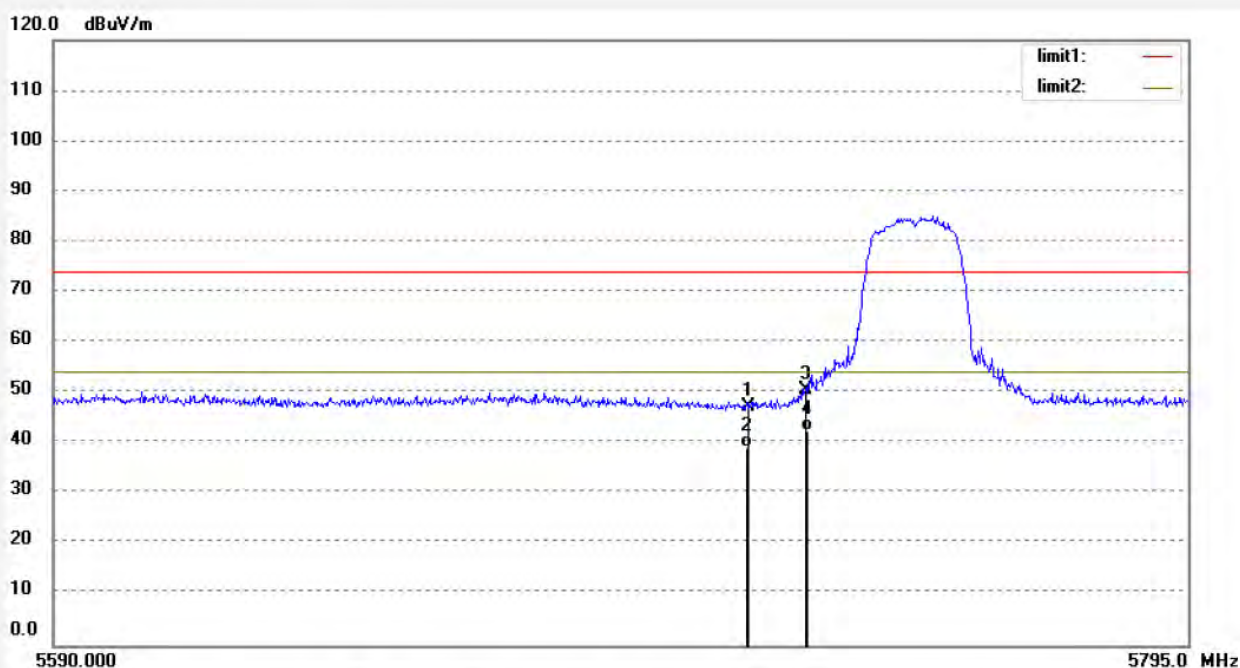
Date: 2017/04/22

Time: 18:38:56

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	39.64	7.59	47.23	74.00	-26.77	peak			
2	5715.000	31.57	7.59	39.16	54.00	-14.84	AVG			
3	5725.000	42.96	7.65	50.61	74.00	-23.39	peak			
4	5725.000	34.69	7.65	42.34	54.00	-11.66	AVG			

Job No.: star2016 #2089

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5745MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

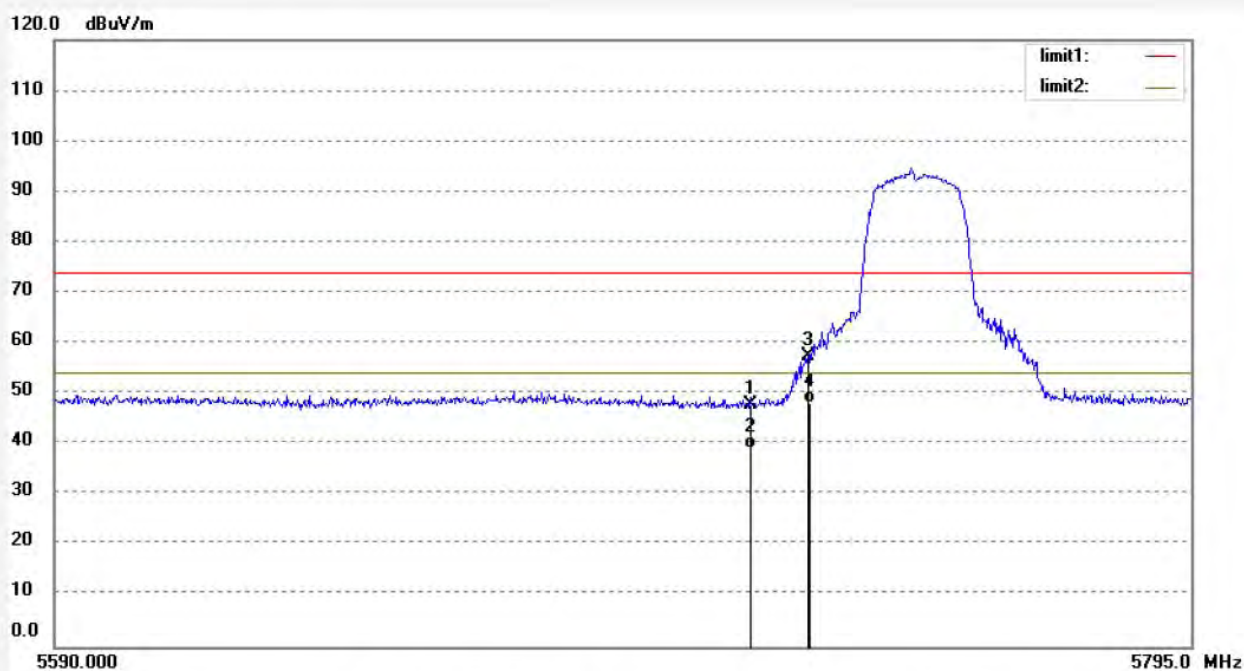
Date: 2017/04/22

Time: 18:38:10

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	40.27	7.59	47.86	74.00	-26.14	peak			
2	5715.000	31.57	7.59	39.16	54.00	-14.84	AVG			
3	5725.000	49.75	7.65	57.40	74.00	-16.60	peak			
4	5725.000	40.59	7.65	48.24	54.00	-5.76	AVG			

Job No.: star2016 #2091

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5825MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

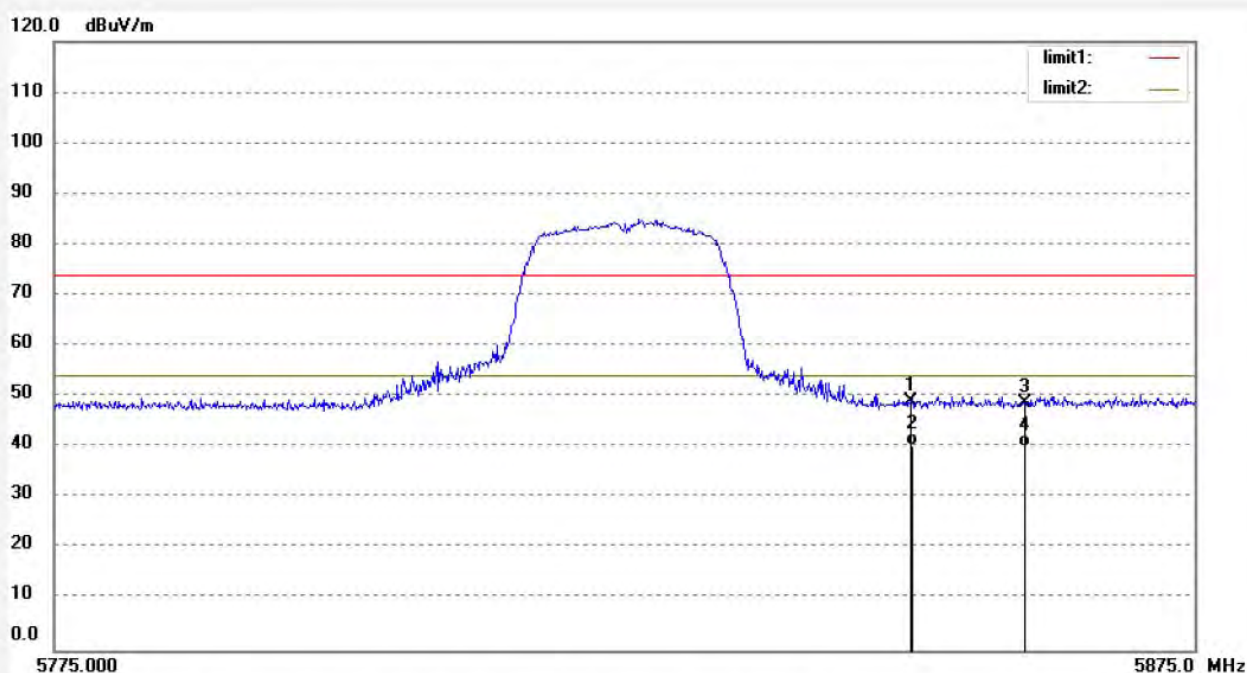
Date: 2017/04/22

Time: 18:41:26

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5850.000	40.86	8.25	49.11	74.00	-24.89	peak			
2	5850.000	32.00	8.25	40.25	54.00	-13.75	AVG			
3	5860.000	40.60	8.28	48.88	74.00	-25.12	peak			
4	5860.000	31.67	8.28	39.95	54.00	-14.05	AVG			

Job No.: star2016 #2092

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5825MHz(802.11a)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

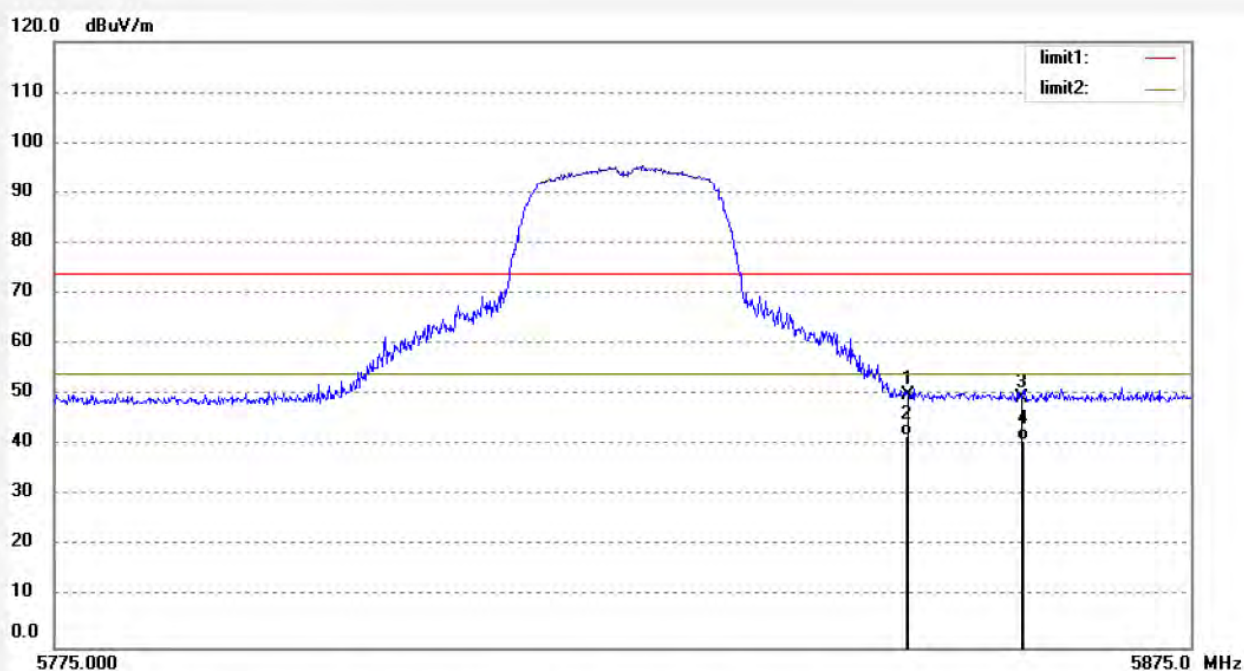
Date: 2017/04/22

Time: 18:42:13

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5850.000	41.57	8.25	49.82	74.00	-24.18	peak			
2	5850.000	33.70	8.25	41.95	54.00	-12.05	AVG			
3	5860.000	41.20	8.28	49.48	74.00	-24.52	peak			
4	5860.000	32.64	8.28	40.92	54.00	-13.08	AVG			

Test mode: 802.11n20

TX Frequency: 5180MHz, 5240MHz, 5260MHz, 5320MHz, 5500MHz, 5700MHz, 5745MHz, 5825MHz

The EUT is tested Radiated Band Edge at each test mode in three axes. The worst emissions are reflected in the following plots



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Job No.: star2016 #2094

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5180MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

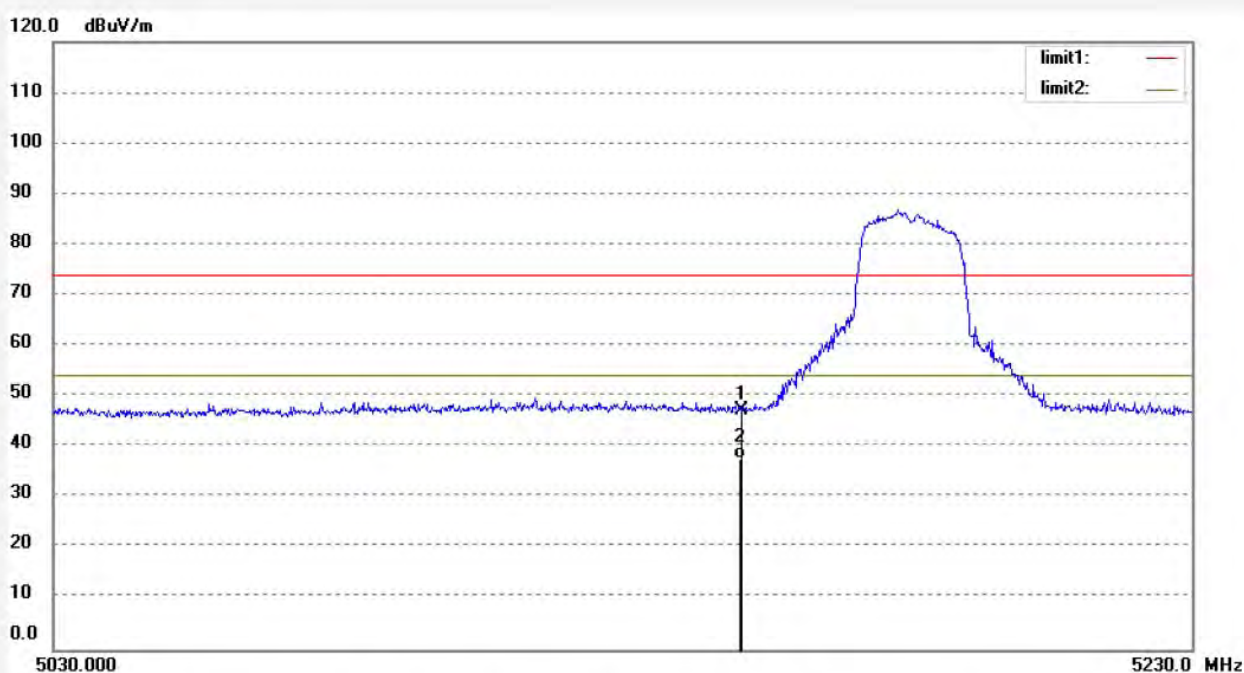
Date: 2017/04/22

Time: 18:45:14

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	40.84	6.39	47.23	74.00	-26.77	peak			
2	5150.000	31.27	6.39	37.66	54.00	-16.34	AVG			



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Job No.: star2016 #2093

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5180MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

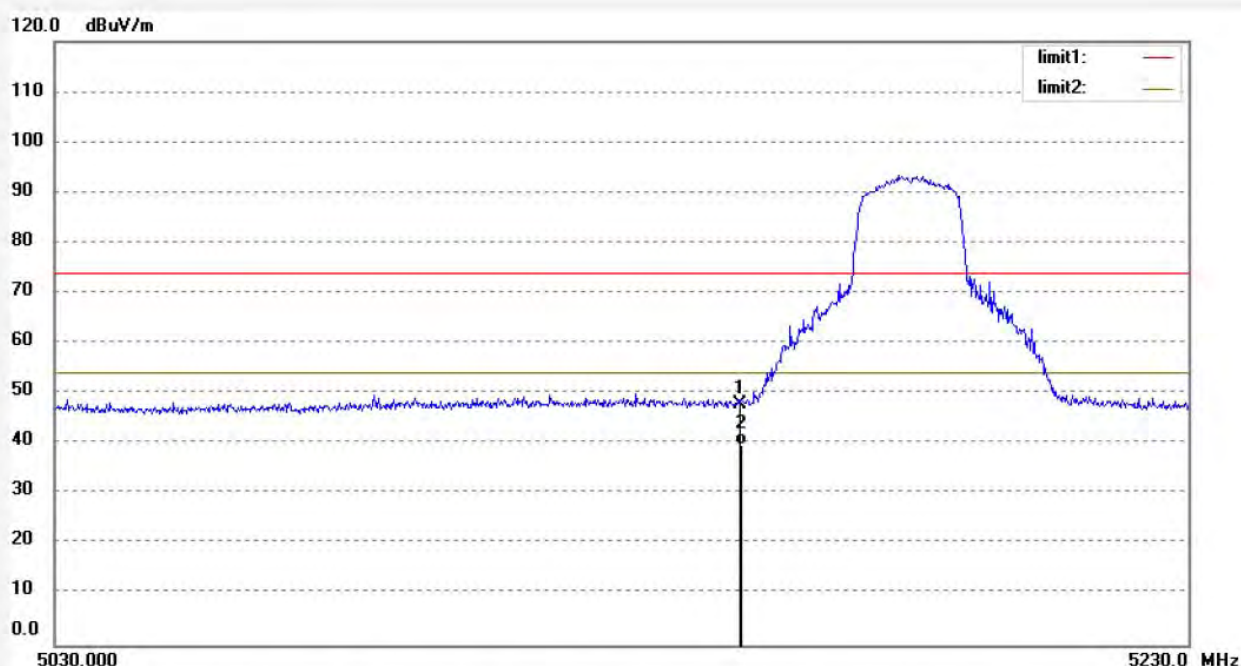
Date: 2017/04/22

Time: 18:44:29

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.52	6.39	47.91	74.00	-26.09	peak			
2	5150.000	33.27	6.39	39.66	54.00	-14.34	AVG			

Job No.: star2016 #2095

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5240MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

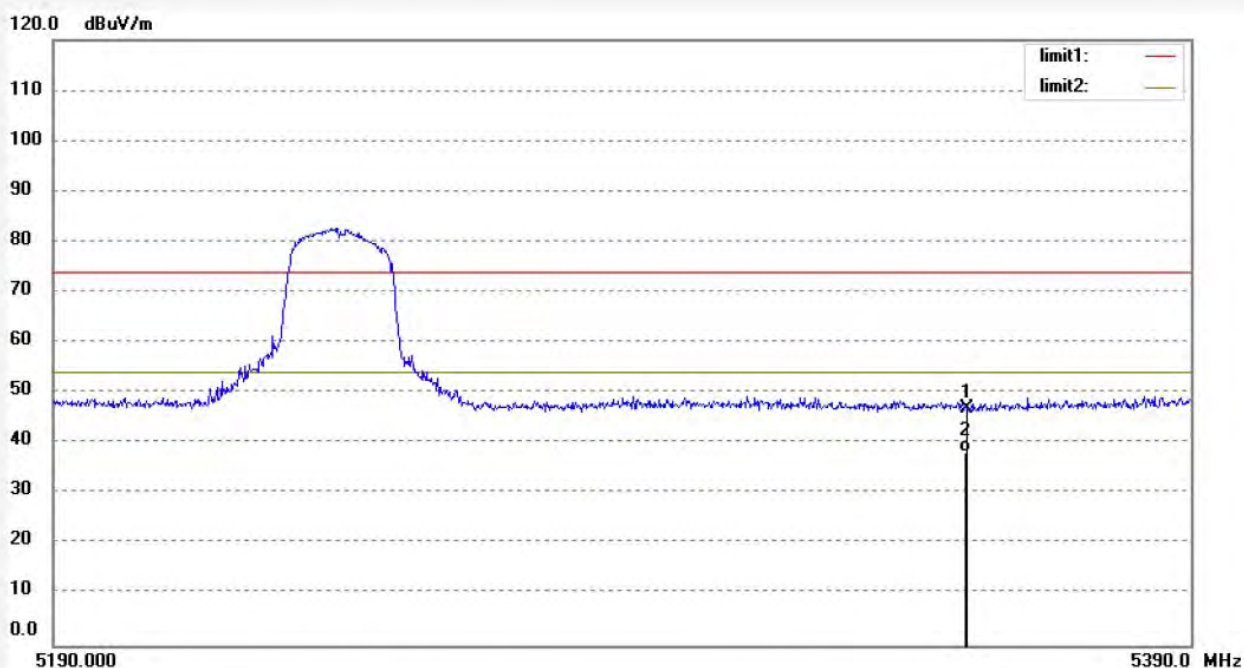
Date: 2017/04/22

Time: 18:46:44

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.20	6.86	47.06	74.00	-26.94	peak			
2	5350.000	31.42	6.86	38.28	54.00	-15.72	AVG			



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Job No.: star2016 #2096

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5240MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

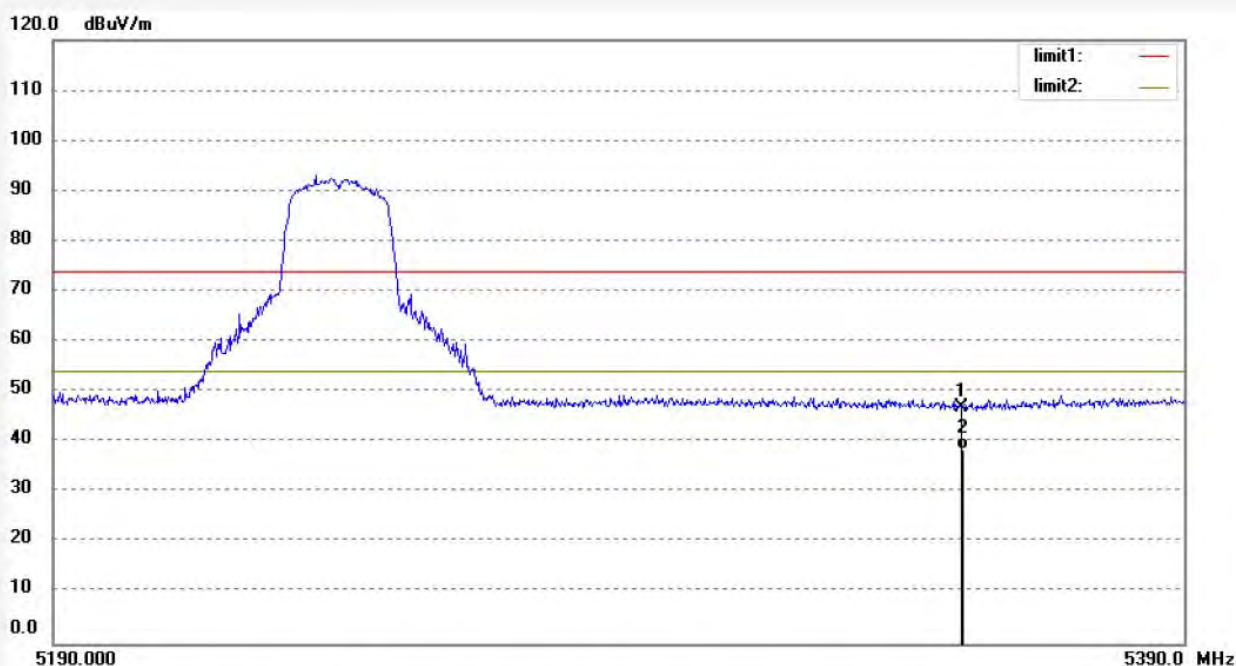
Date: 2017/04/22

Time: 18:47:37

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.13	6.86	46.99	74.00	-27.01	peak			
2	5350.000	31.74	6.86	38.60	54.00	-15.40	AVG			



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Job No.: star2016 #2098

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5260MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

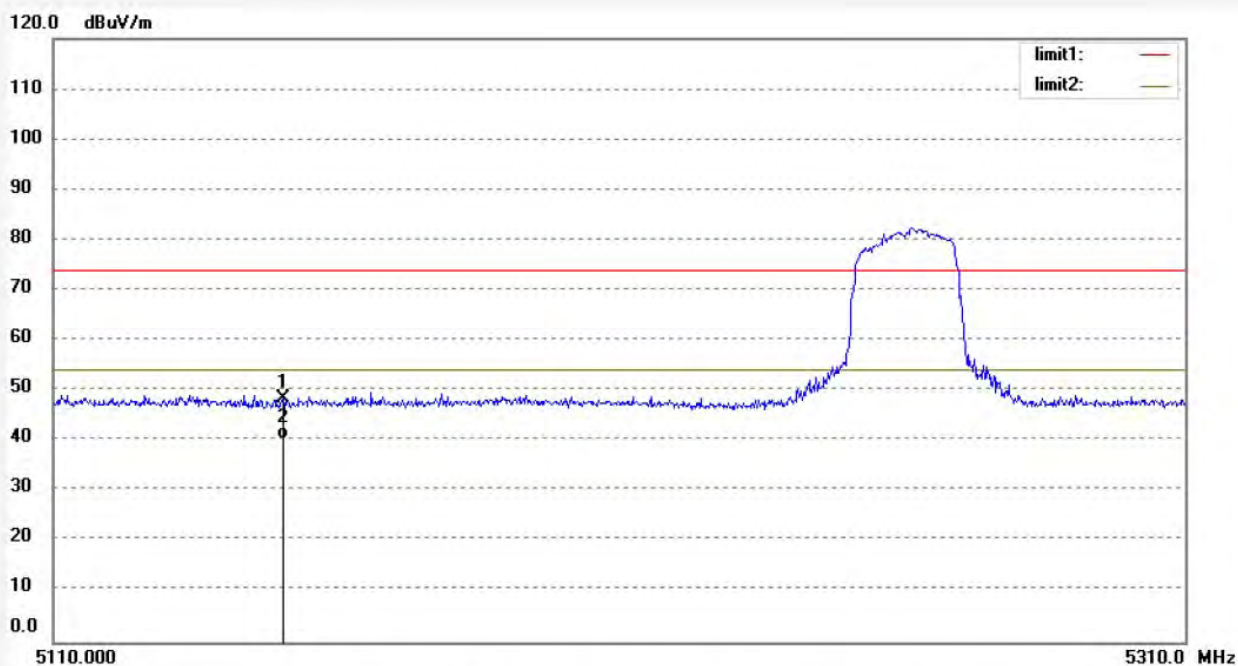
Date: 2017/04/22

Time: 18:50:09

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	42.02	6.39	48.41	74.00	-25.59	peak			
2	5150.000	34.04	6.39	40.43	54.00	-13.57	AVG			

Job No.: star2016 #2097

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5260MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

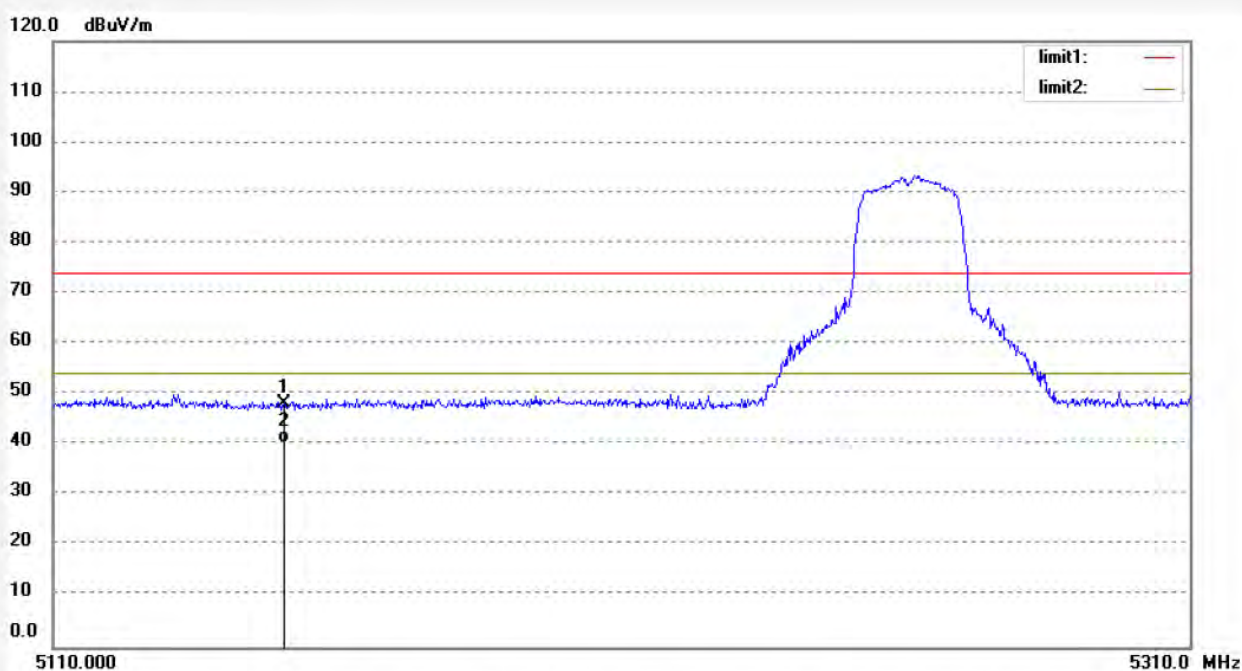
Date: 2017/04/22

Time: 18:49:25

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.77	6.39	48.16	74.00	-25.84	peak			
2	5150.000	33.81	6.39	40.20	54.00	-13.80	AVG			

Job No.: star2016 #2099

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5320MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

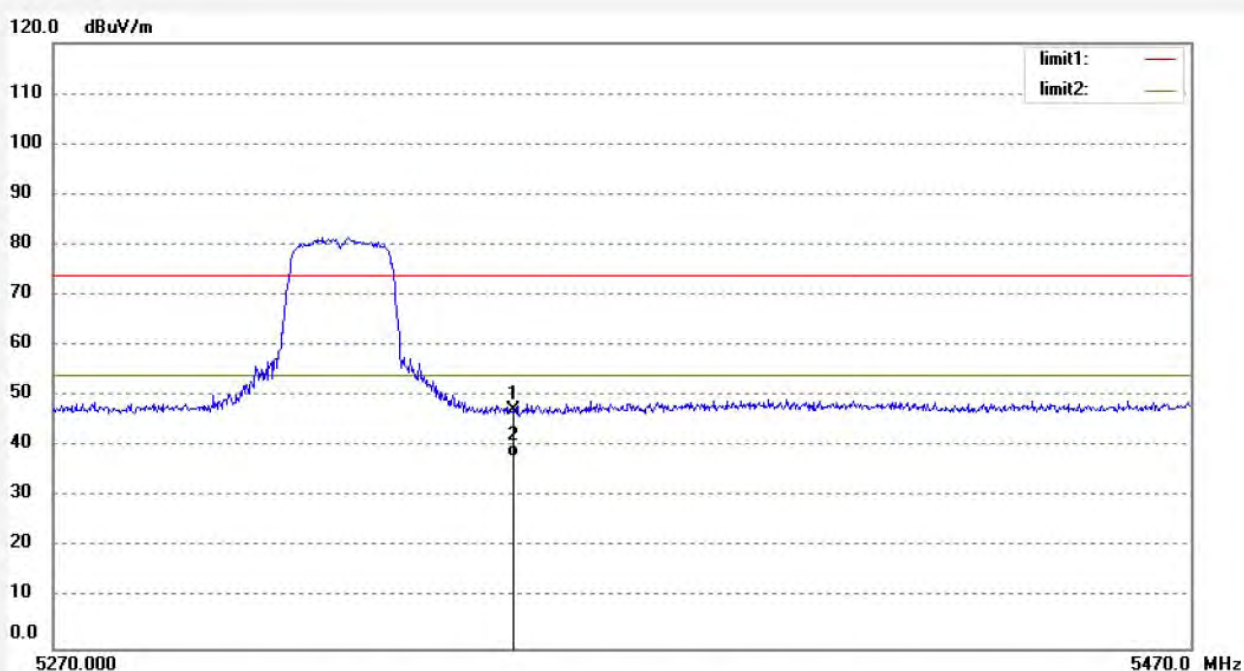
Date: 2017/04/22

Time: 18:51:34

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.47	6.86	47.33	74.00	-26.67	peak			
2	5350.000	31.22	6.86	38.08	54.00	-15.92	AVG			

Job No.: star2016 #2100

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5320MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

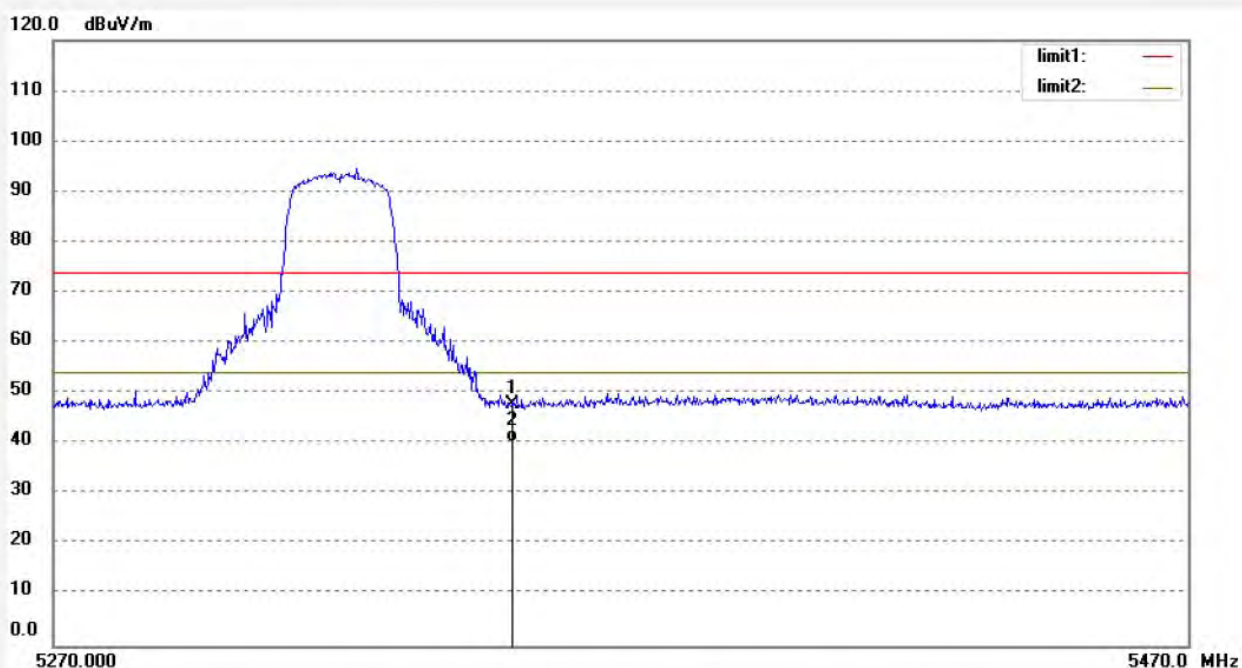
Date: 2017/04/22

Time: 18:52:25

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	41.12	6.86	47.98	74.00	-26.02	peak			
2	5350.000	33.36	6.86	40.22	54.00	-13.78	AVG			

Job No.: star2016 #2102

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5500MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

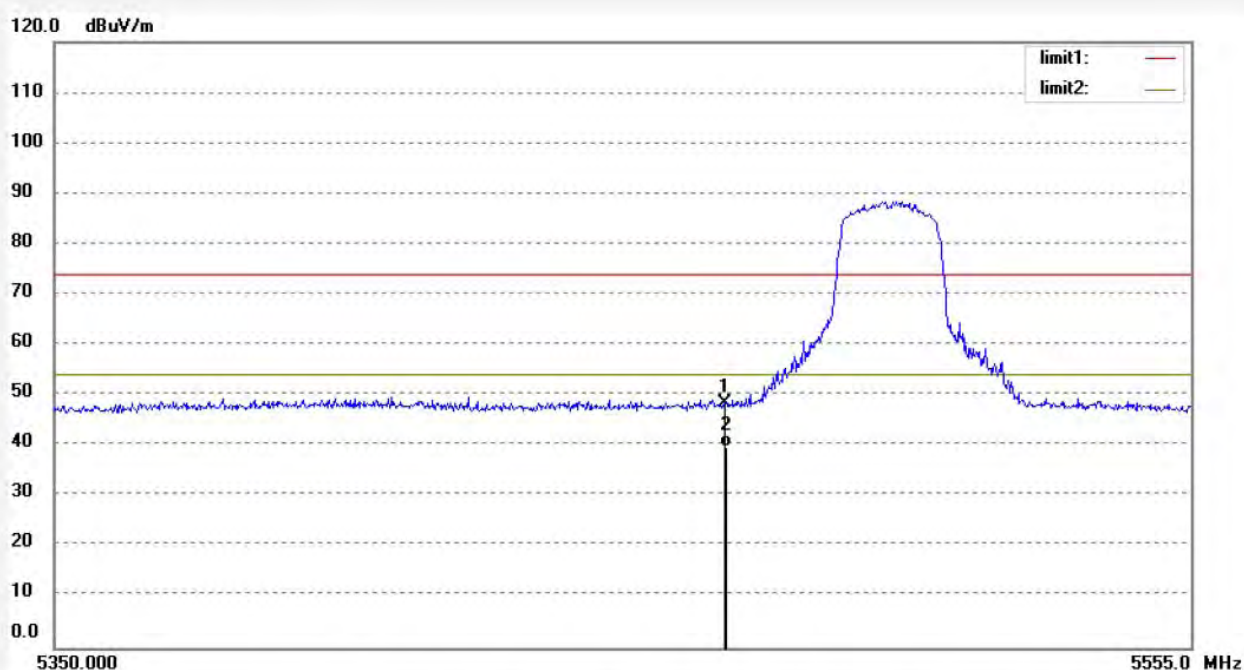
Date: 2017/04/22

Time: 18:54:51

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5470.000	41.08	7.23	48.31	74.00	-25.69	peak			
2	5470.000	32.65	7.23	39.88	54.00	-14.12	AVG			



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Job No.: star2016 #2101

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5500MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

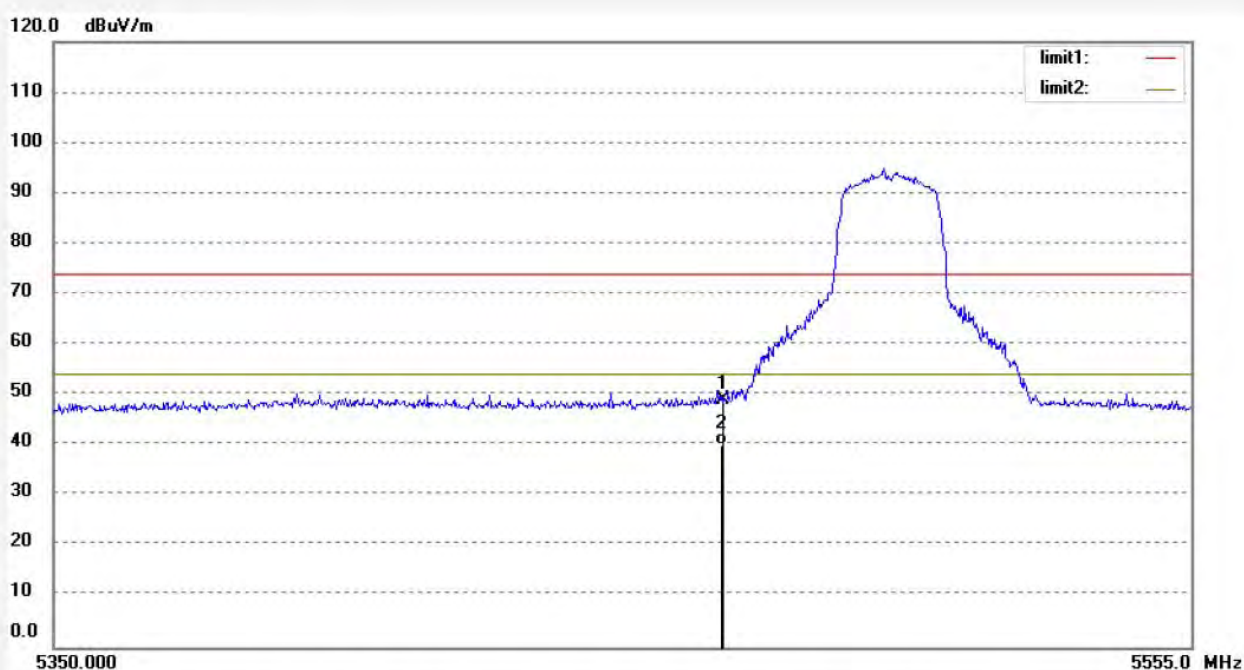
Date: 2017/04/22

Time: 18:53:55

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5470.000	41.84	7.23	49.07	74.00	-24.93	peak			
2	5470.000	32.71	7.23	39.94	54.00	-14.06	AVG			



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Job No.: star2016 #2103

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5700MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

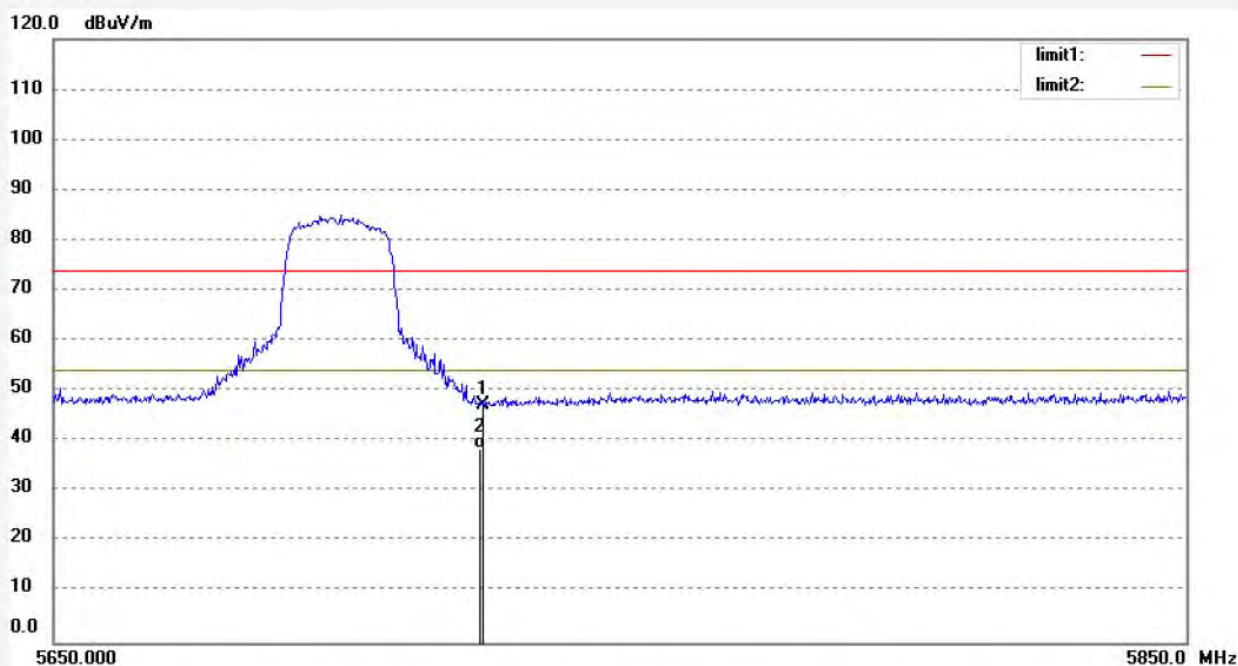
Date: 2017/04/22

Time: 18:56:19

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5725.000	39.67	7.65	47.32	74.00	-26.68	peak			
2	5725.000	30.78	7.65	38.43	54.00	-15.57	AVG			

Job No.: star2016 #2104

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5700MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

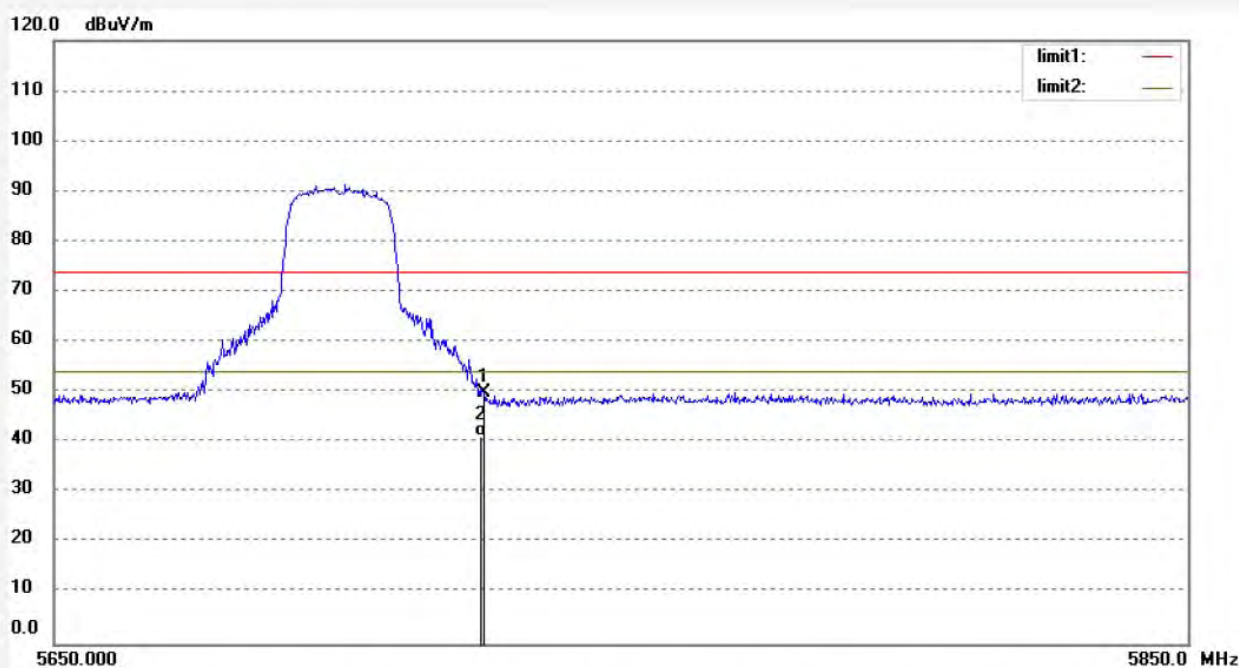
Date: 2017/04/22

Time: 18:57:08

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447

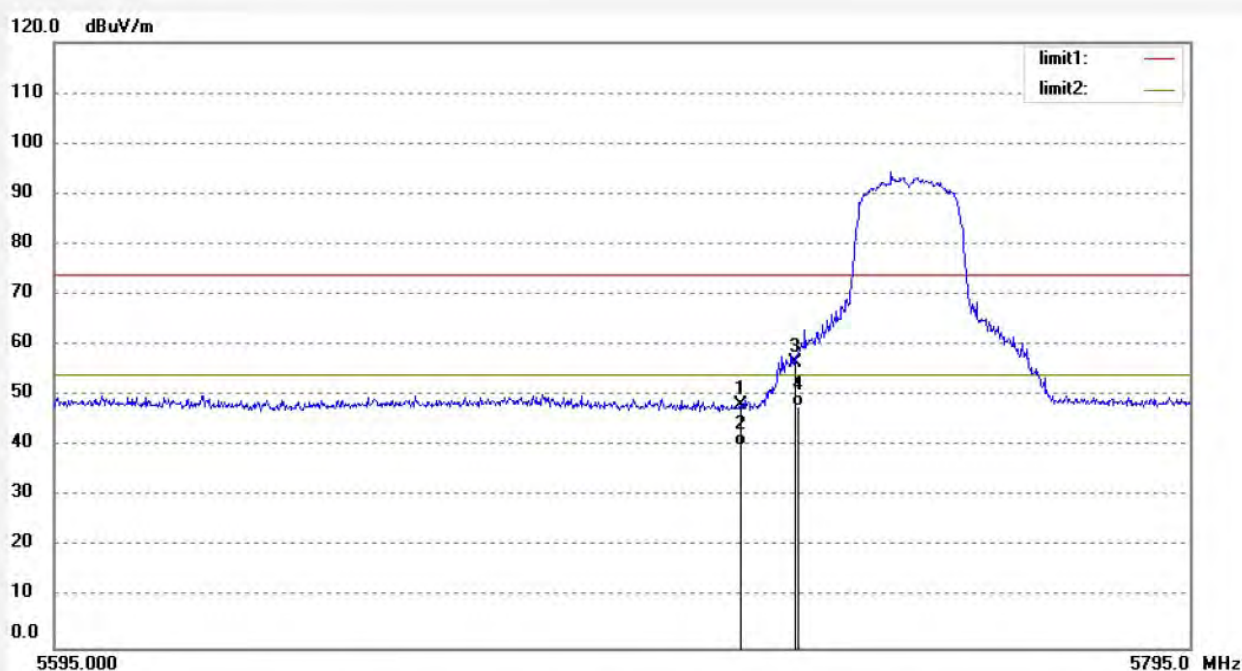


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5725.000	42.38	7.65	50.03	74.00	-23.97	peak			
2	5725.000	33.55	7.65	41.20	54.00	-12.80	AVG			

Job No.: star2016 #2105
Standard: FCC PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: UFO Panoramic WiFi HD Camera
Mode: TX 5745MHz(802.11n)
Model: PT-180H
Manufacturer: Chuango

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2017/04/22
Time: 18:58:57
Engineer Signature: star
Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	40.67	7.59	48.26	74.00	-25.74	peak			
2	5715.000	32.41	7.59	40.00	54.00	-14.00	AVG			
3	5725.000	48.99	7.65	56.64	74.00	-17.36	peak			
4	5725.000	40.06	7.65	47.71	54.00	-6.29	AVG			



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Job No.: star2016 #2106

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5745MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

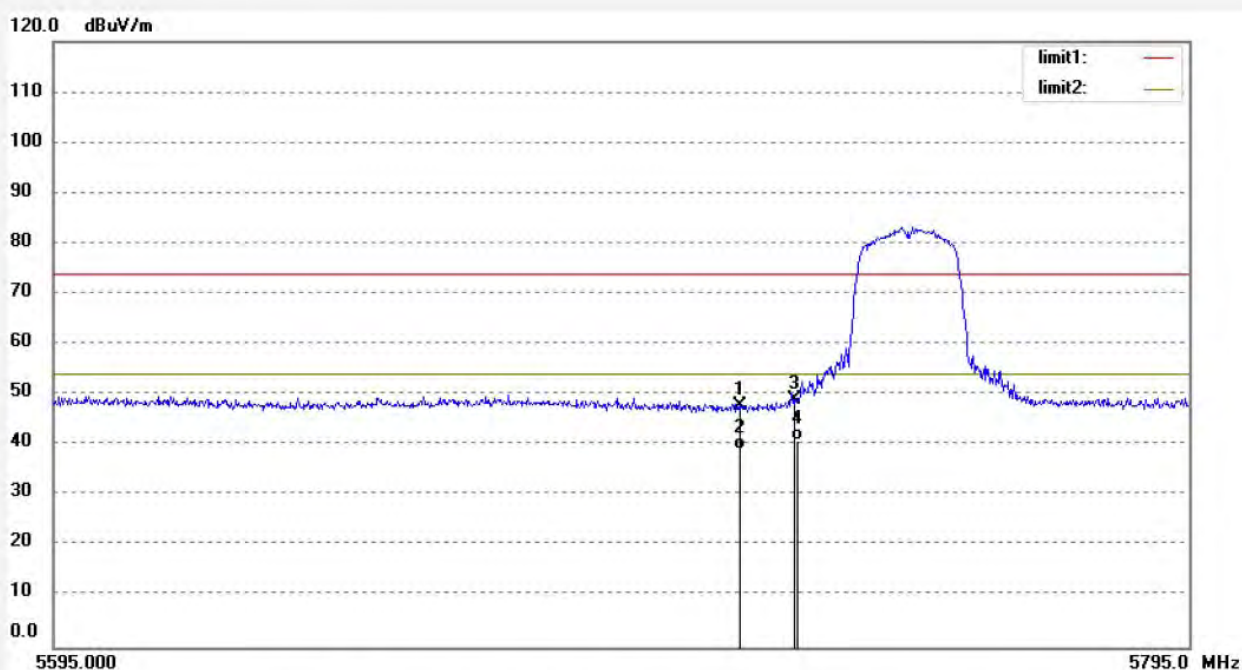
Date: 2017/04/22

Time: 18:59:41

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5715.000	40.25	7.59	47.84	74.00	-26.16	peak			
2	5715.000	31.55	7.59	39.14	54.00	-14.86	AVG			
3	5725.000	41.31	7.65	48.96	74.00	-25.04	peak			
4	5725.000	33.41	7.65	41.06	54.00	-12.94	AVG			

Job No.: star2016 #2107

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5825MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

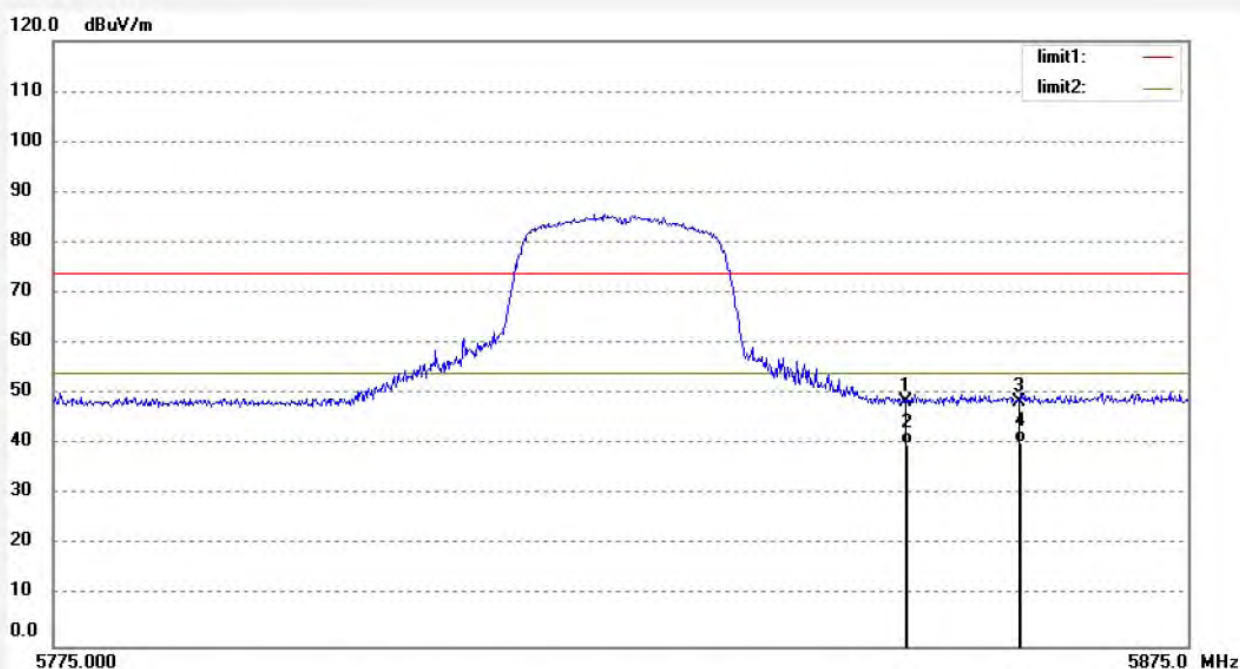
Date: 2017/04/22

Time: 19:01:24

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5850.000	40.34	8.25	48.59	74.00	-25.41	peak			
2	5850.000	31.84	8.25	40.09	54.00	-13.91	AVG			
3	5860.000	40.26	8.28	48.54	74.00	-25.46	peak			
4	5860.000	32.00	8.28	40.28	54.00	-13.72	AVG			

Job No.: star2016 #2108

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5825MHz(802.11n)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

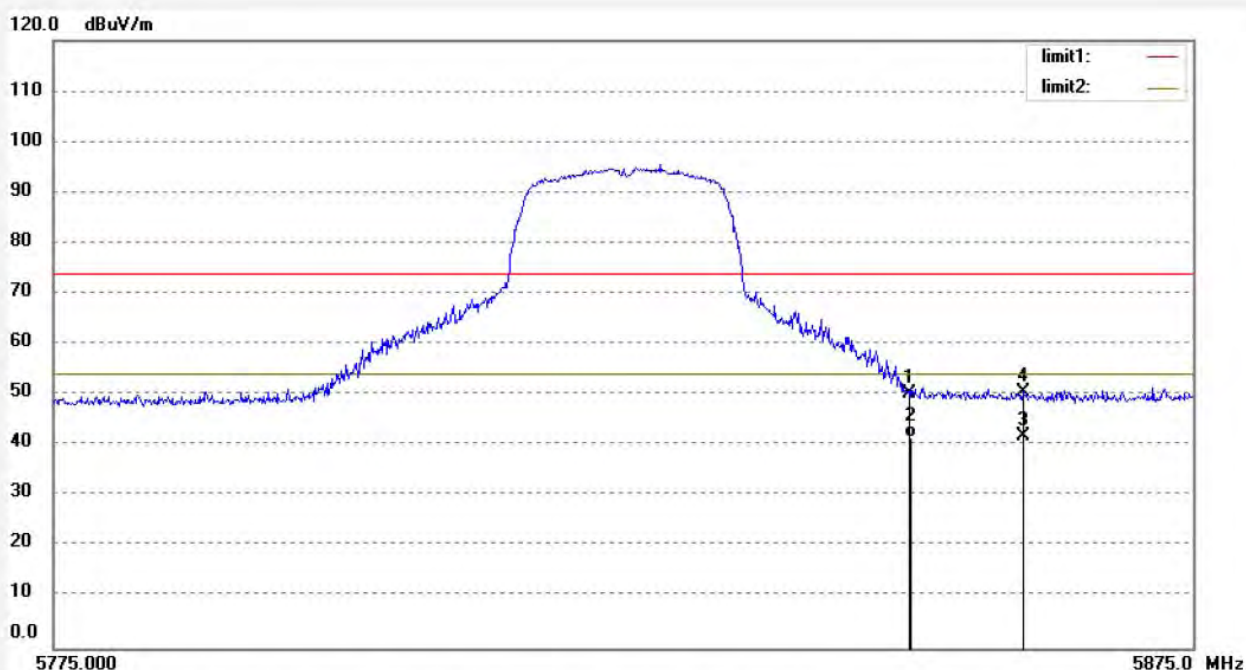
Date: 2017/04/22

Time: 19:02:08

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5850.000	42.09	8.25	50.34	74.00	-23.66	peak			
2	5850.000	33.41	8.25	41.66	54.00	-12.34	AVG			
3	5860.000	33.57	8.28	41.85	74.00	-32.15	peak			
4	5860.000	42.17	8.28	50.45	74.00	-23.55	peak			

Test mode: 802.11ac 20MHz TX Frequency: 5180MHz, 5240MHz, 5745MHz, 5825MHz

The EUT is tested Radiated Band Edge at each test mode in three axes. Besides, We have tested the single antenna transmit mode and the dual antenna emission mode. The worst emissions are reflected in the following plots



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Job No.: star2016 #2110

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5180MHz(802.11ac)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

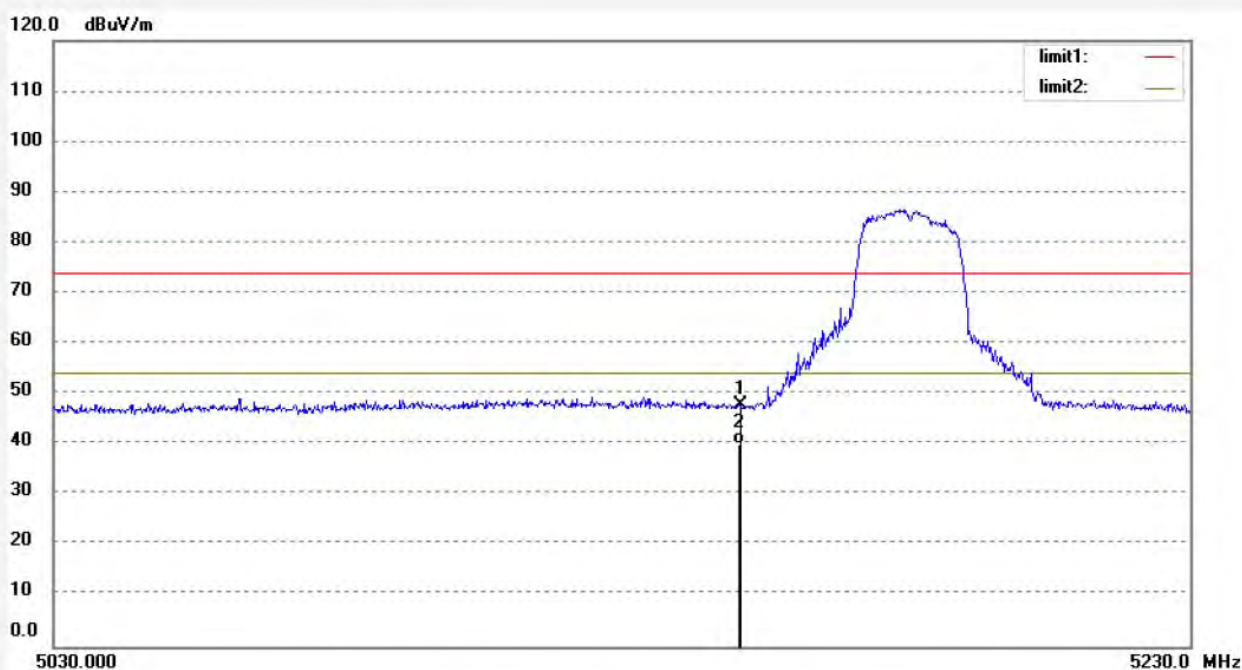
Date: 2017/04/22

Time: 19:04:57

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.35	6.39	47.74	74.00	-26.26	peak			
2	5150.000	33.73	6.39	40.12	54.00	-13.88	AVG			

Job No.: star2016 #2109

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5180MHz(802.11ac)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

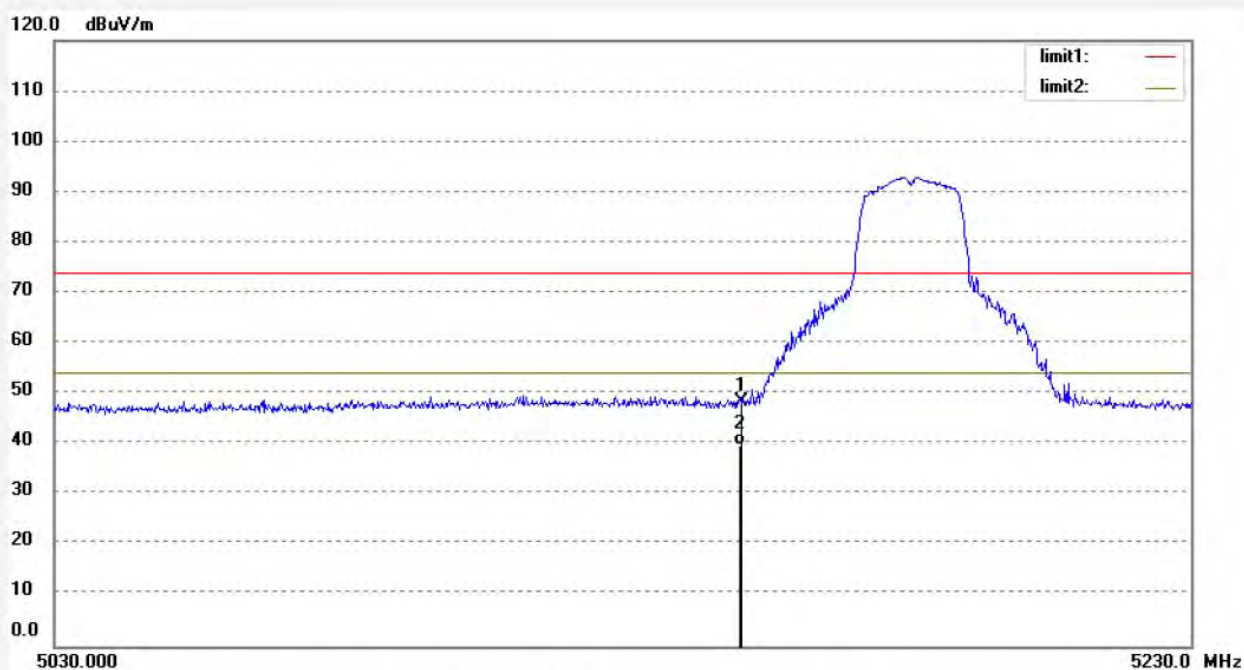
Date: 2017/04/22

Time: 19:04:06

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	42.05	6.39	48.44	74.00	-25.56	peak			
2	5150.000	33.43	6.39	39.82	54.00	-14.18	AVG			



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Job No.: star2016 #2111

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5240MHz(802.11ac)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

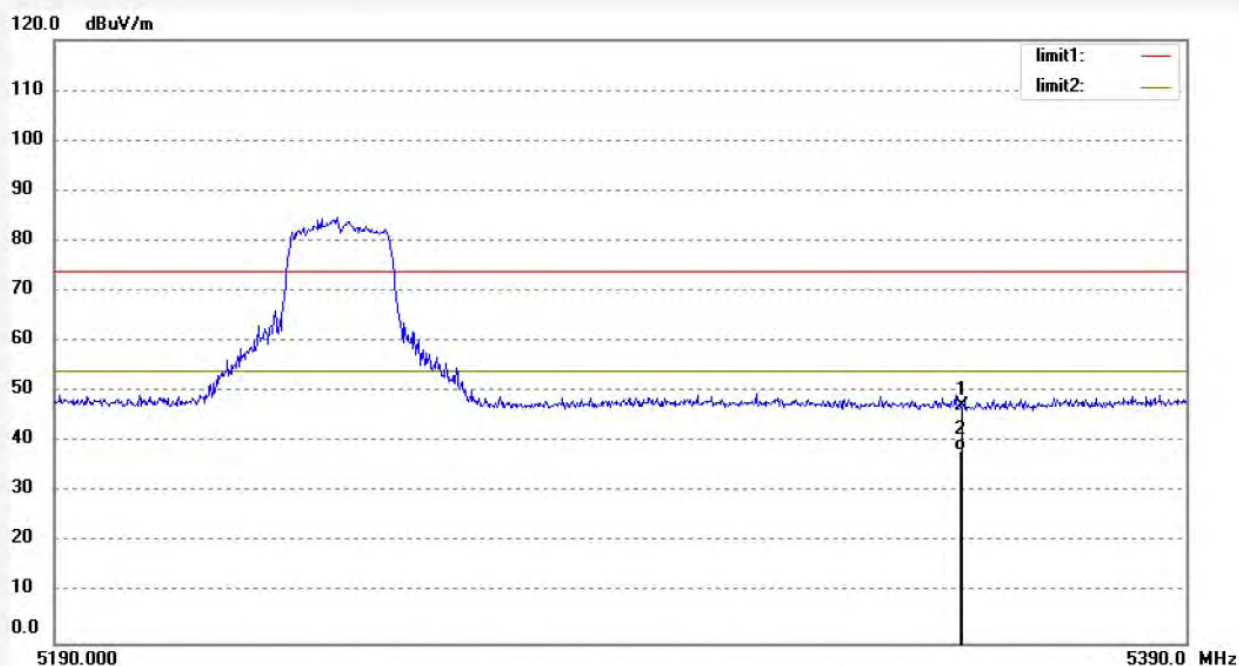
Date: 2017/04/22

Time: 19:06:33

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.26	6.86	47.12	74.00	-26.88	peak			
2	5350.000	31.46	6.86	38.32	54.00	-15.68	AVG			

Job No.: star2016 #2112

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5240MHz(802.11ac)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

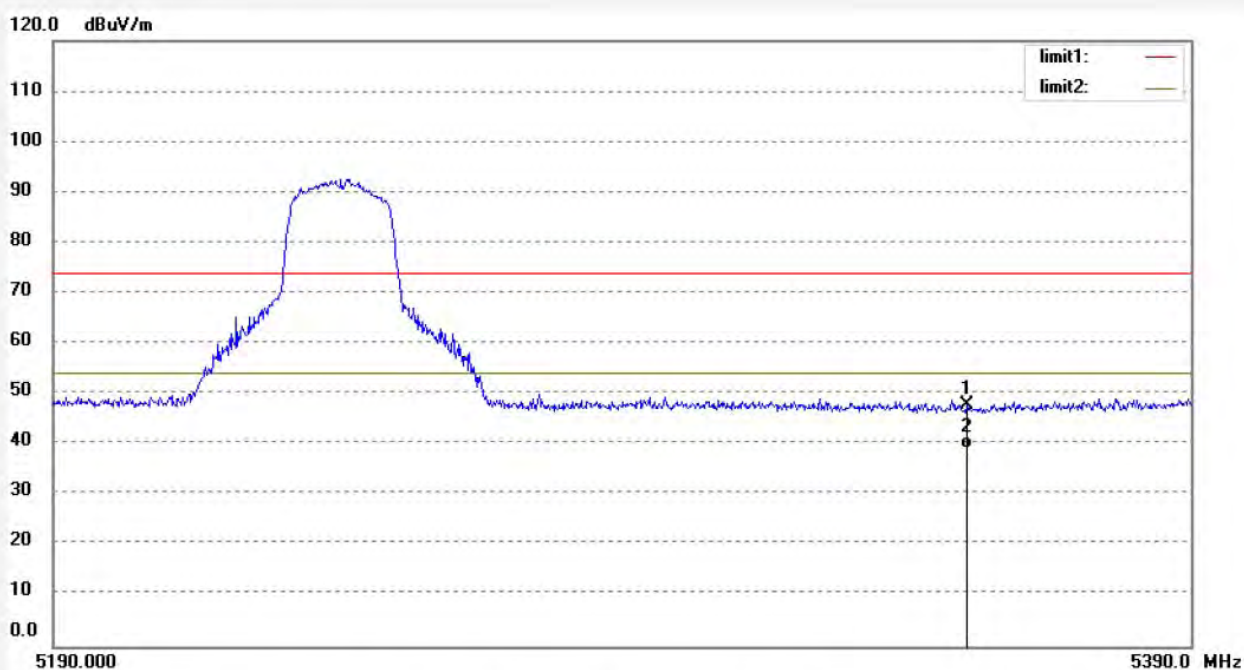
Date: 2017/04/22

Time: 19:07:08

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.97	6.86	47.83	74.00	-26.17	peak			
2	5350.000	32.41	6.86	39.27	54.00	-14.73	AVG			

Job No.: star2016 #2114

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5260MHz(802.11ac)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

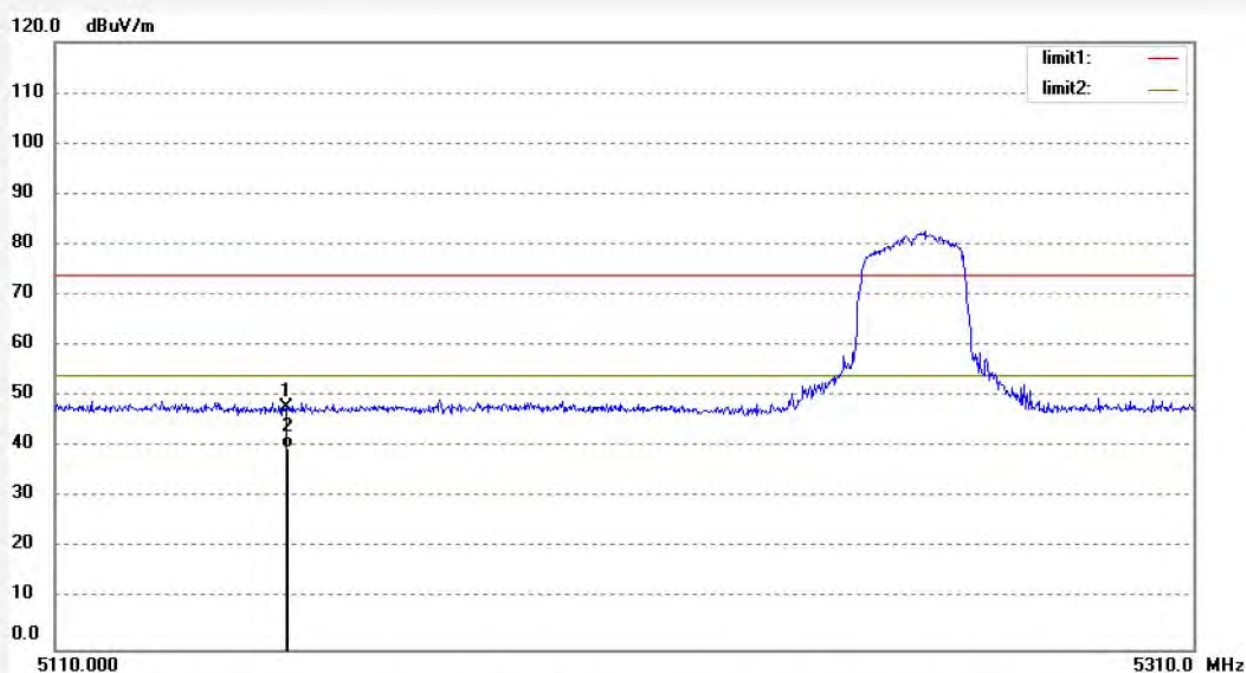
Date: 2017/04/22

Time: 19:09:40

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	41.42	6.39	47.81	74.00	-26.19	peak			
2	5150.000	33.29	6.39	39.68	54.00	-14.32	AVG			

Job No.: star2016 #2113

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5260MHz(802.11ac)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

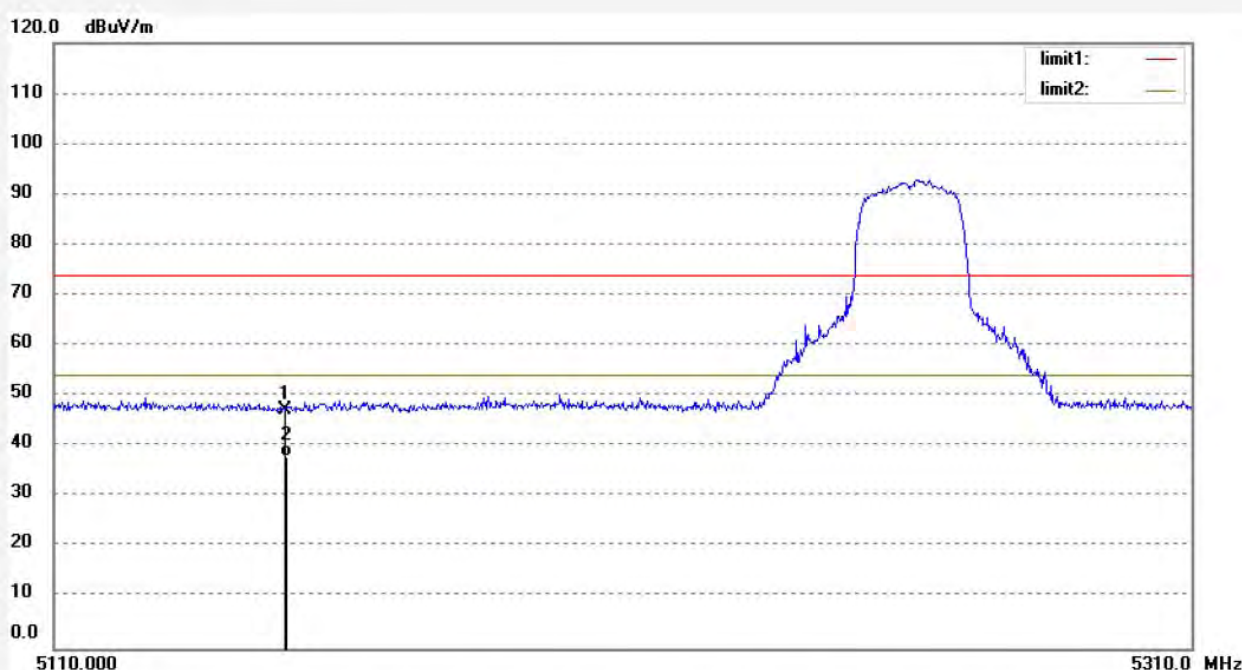
Date: 2017/04/22

Time: 19:08:36

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	40.97	6.39	47.36	74.00	-26.64	peak			
2	5150.000	31.42	6.39	37.81	54.00	-16.19	AVG			



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Job No.: star2016 #2115

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5320MHz(802.11ac)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

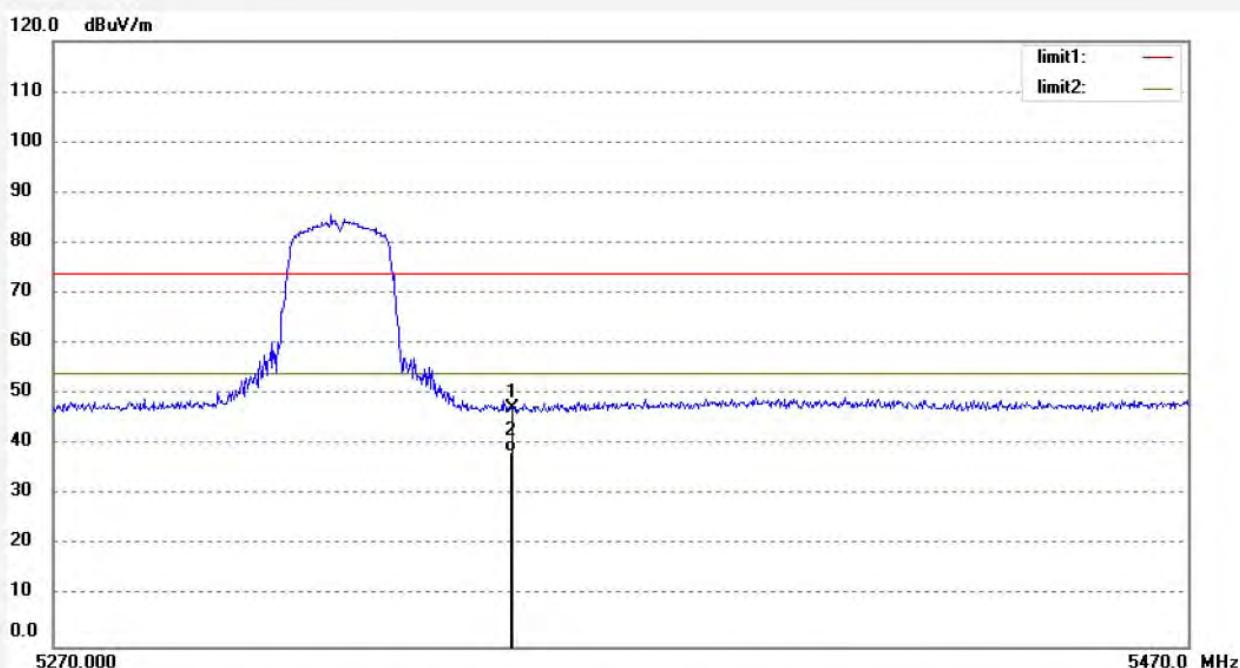
Date: 2017/04/22

Time: 19:11:13

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	40.45	6.86	47.31	74.00	-26.69	peak			
2	5350.000	31.70	6.86	38.56	54.00	-15.44	AVG			

Job No.: star2016 #2116

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5320MHz(802.11ac)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

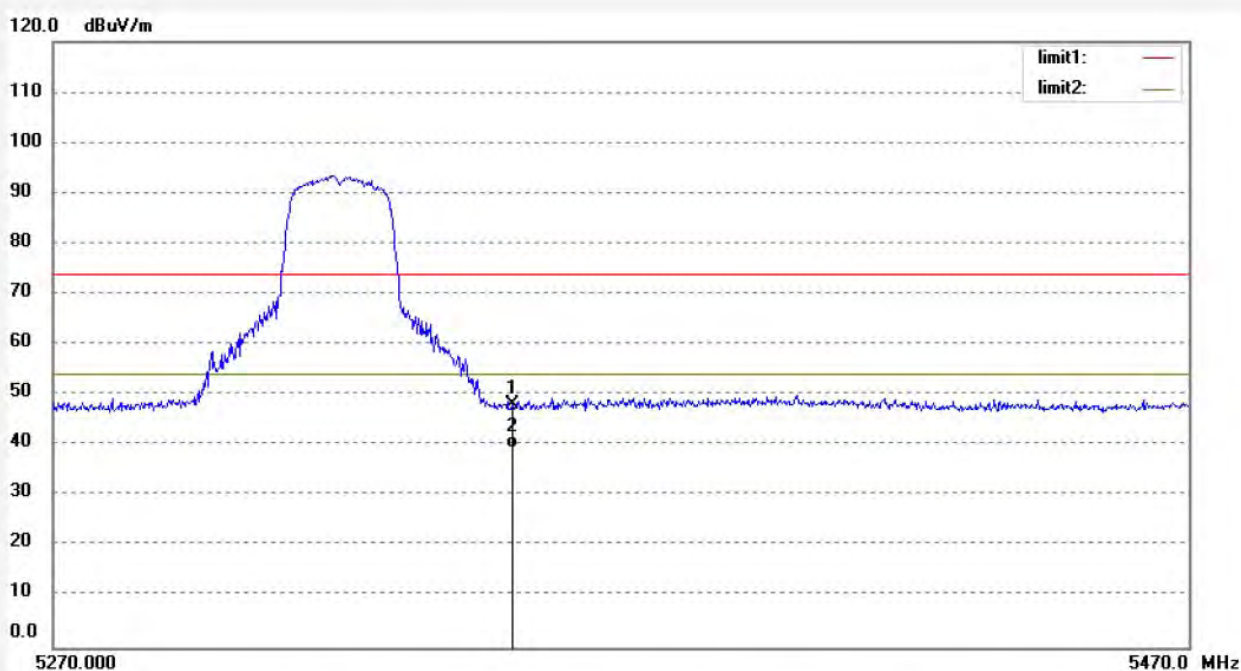
Date: 2017/04/22

Time: 19:11:56

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.000	41.32	6.86	48.18	74.00	-25.82	peak			
2	5350.000	32.46	6.86	39.32	54.00	-14.68	AVG			

Job No.: star2016 #2118

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5500MHz(802.11ac)

Model: PT-180H

Manufacturer: Chuango

Polarization: Horizontal

Power Source: AC 120V/60Hz

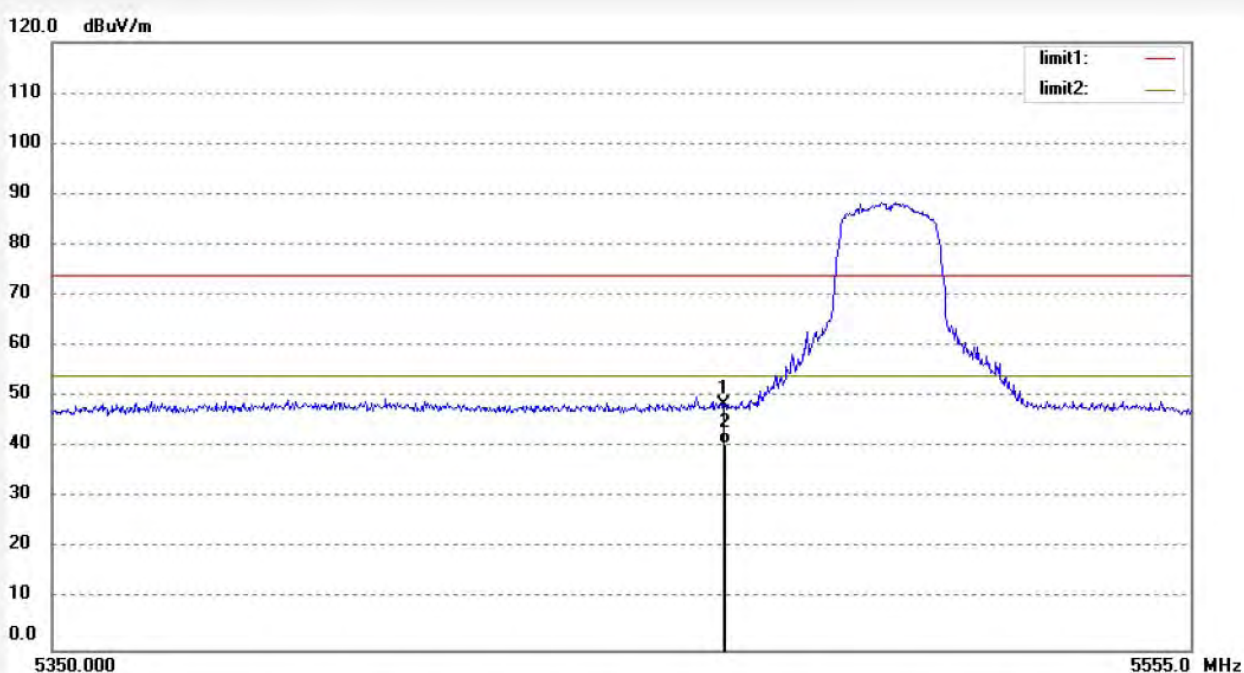
Date: 2017/04/22

Time: 19:14:26

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5470.000	41.19	7.23	48.42	74.00	-25.58	peak			
2	5470.000	33.28	7.23	40.51	54.00	-13.49	AVG			

Job No.: star2016 #2117

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: UFO Panoramic WiFi HD Camera

Mode: TX 5500MHz(802.11ac)

Model: PT-180H

Manufacturer: Chuango

Polarization: Vertical

Power Source: AC 120V/60Hz

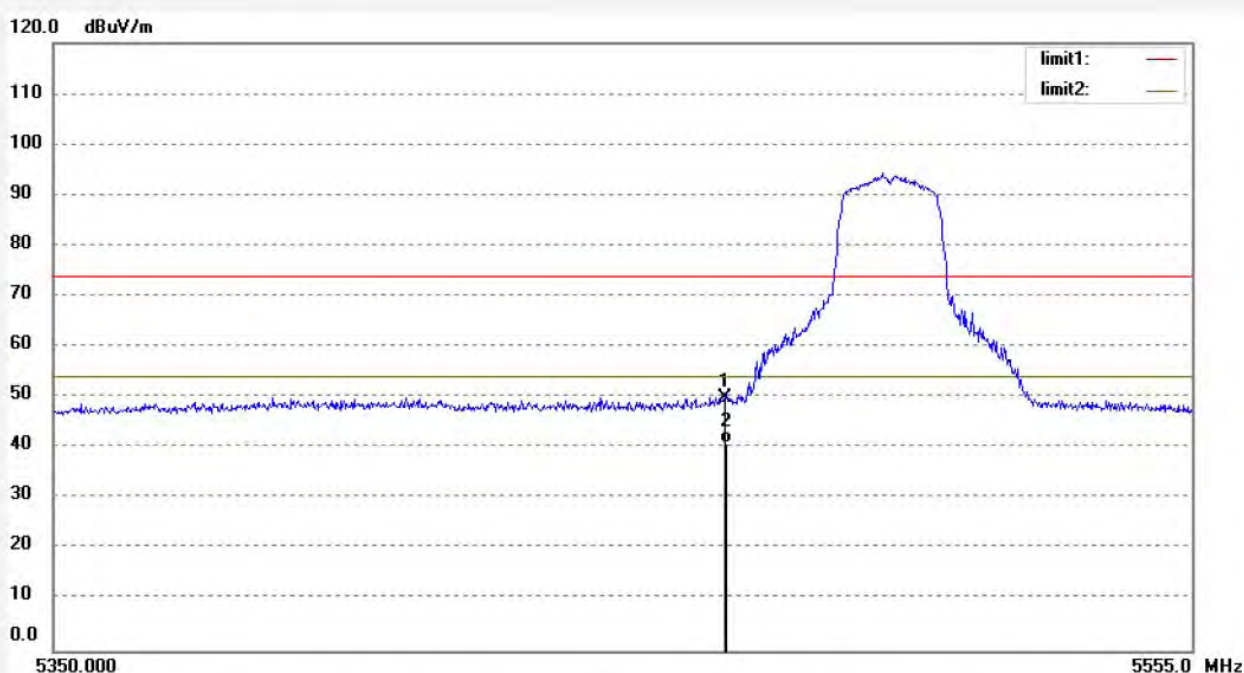
Date: 2017/04/22

Time: 19:13:35

Engineer Signature: star

Distance: 3m

Note: Report No.:ATE20170447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5470.000	42.62	7.23	49.85	74.00	-24.15	peak			
2	5470.000	33.84	7.23	41.07	54.00	-12.93	AVG			