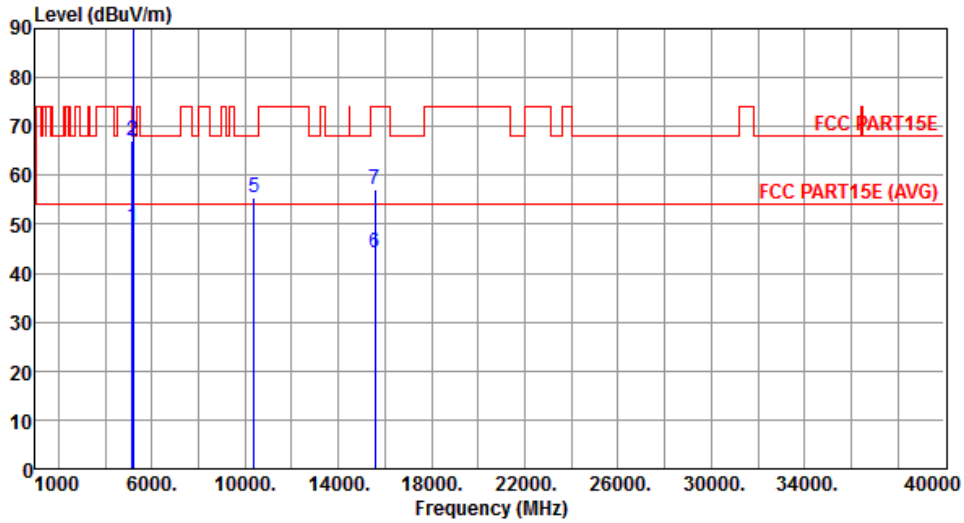
3.5.12 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT40

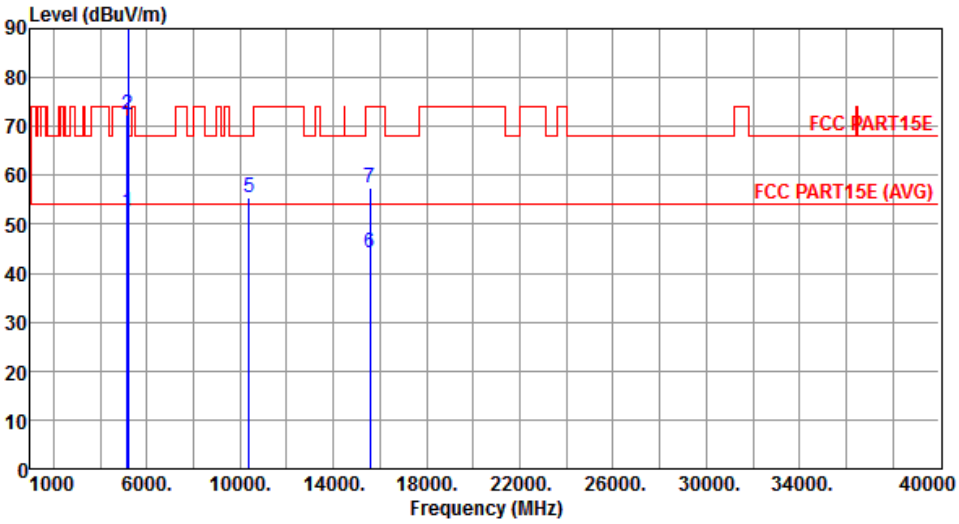
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Horizontal		



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5150.00	49.51	54.00	-4.49	45.11	4.40	Average	200	111
2		5150.00	67.17	74.00	-6.83	62.77	4.40	Peak	200	111
3	*	5190.00	98.44			93.98	4.46	Average	200	98
4	*	5190.00	110.80			106.34	4.46	Peak	200	98
5		10380.00	55.45	68.20	-12.75	41.20	14.25	Peak	188	165
6		15570.00	44.18	54.00	-9.82	29.12	15.06	Average	155	332
7		15570.00	57.06	74.00	-16.94	42.00	15.06	Peak	155	332

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

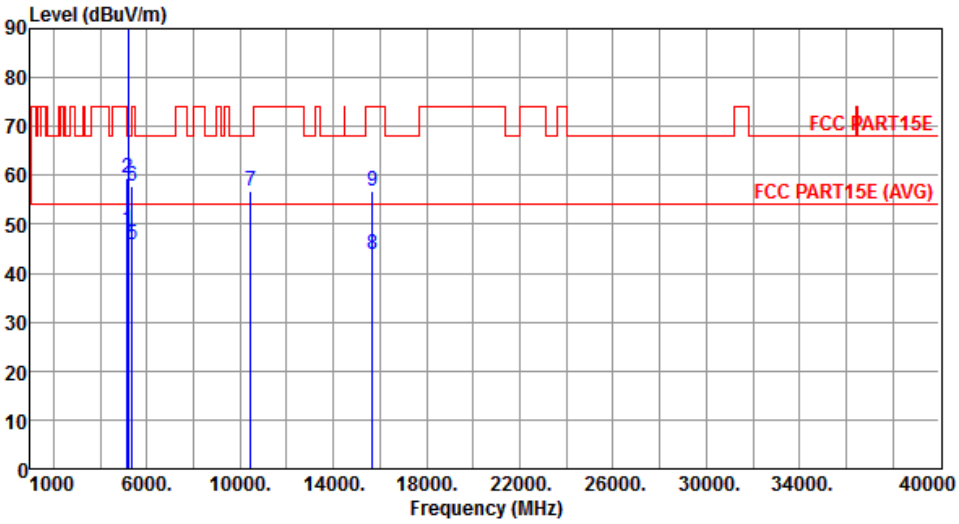
Modulation	VHT40	Test Freq. (MHz)	5190
Polarization	Vertical		



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5150.00	52.42	54.00	-1.58	48.02	4.40	Average	222	255
2		5150.00	72.28	74.00	-1.72	67.88	4.40	Peak	222	255
3	*	5190.00	105.49			101.03	4.46	Average	203	100
4	*	5190.00	118.14			113.68	4.46	Peak	203	100
5		10380.00	55.53	68.20	-12.67	41.28	14.25	Peak	233	321
6		15570.00	44.29	54.00	-9.71	29.23	15.06	Average	222	304
7		15570.00	57.41	74.00	-16.59	42.35	15.06	Peak	222	304

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

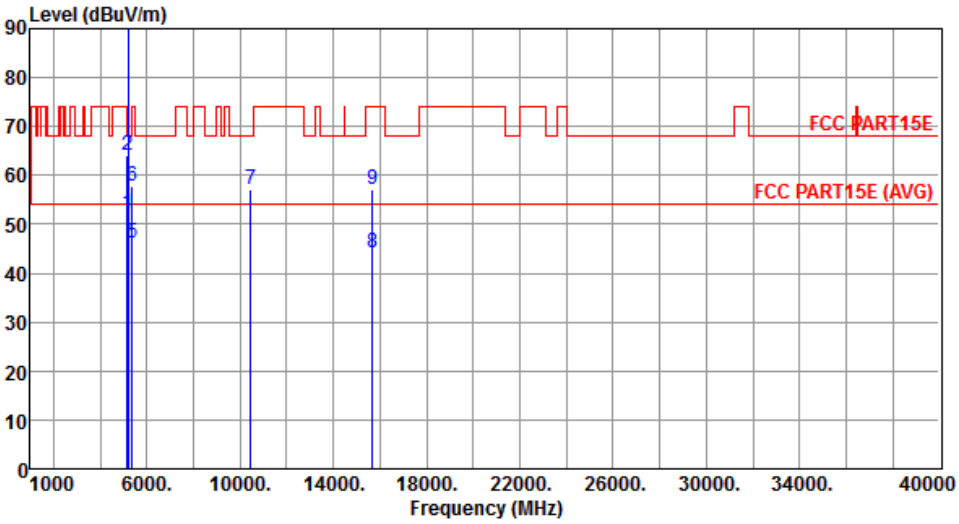
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Horizontal		



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5150.00	48.67	54.00	-5.33	44.27	4.40	Average	199	89
2		5150.00	59.59	74.00	-14.41	55.19	4.40	Peak	199	89
3	*	5230.00	101.64			97.13	4.51	Average	191	111
4	*	5230.00	113.29			108.78	4.51	Peak	191	111
5		5350.00	45.87	54.00	-8.13	41.23	4.64	Average	191	111
6		5350.00	57.87	74.00	-16.13	53.23	4.64	Peak	191	111
7		10460.00	56.66	68.20	-11.54	42.26	14.40	Peak	233	314
8		15690.00	43.95	54.00	-10.05	29.04	14.91	Average	222	187
9		15690.00	56.80	74.00	-17.20	41.89	14.91	Peak	222	187

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

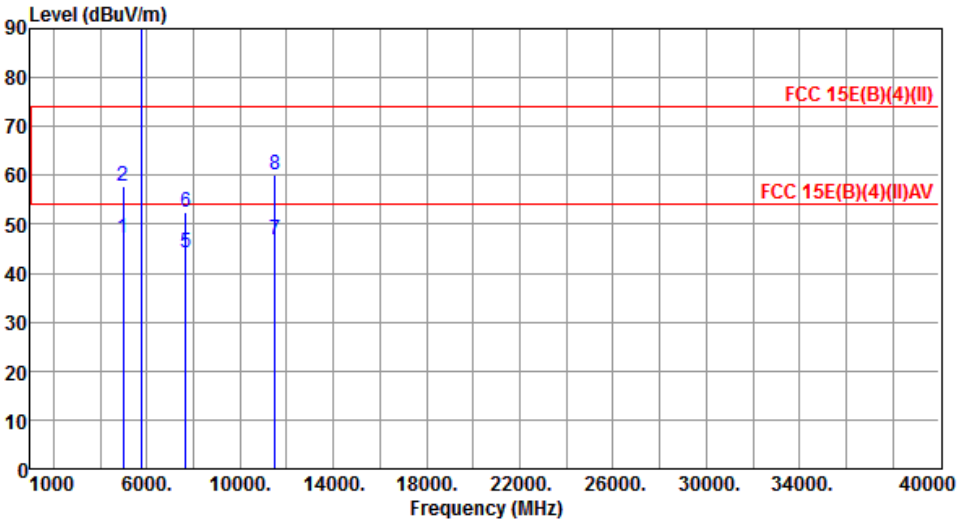
Modulation	VHT40	Test Freq. (MHz)	5230
Polarization	Vertical		



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5150.00	52.05	54.00	-1.95	47.65	4.40	Average	188	173
2		5150.00	63.95	74.00	-10.05	59.55	4.40	Peak	188	173
3	*	5230.00	109.02			104.51	4.51	Average	217	177
4	*	5230.00	120.76			116.25	4.51	Peak	217	177
5		5350.00	46.33	54.00	-7.67	41.69	4.64	Average	217	177
6		5350.00	57.84	74.00	-16.16	53.20	4.64	Peak	217	177
7		10460.00	56.98	68.20	-11.22	42.58	14.40	Peak	222	199
8		15690.00	44.16	54.00	-9.84	29.25	14.91	Average	235	321
9		15690.00	57.09	74.00	-16.91	42.18	14.91	Peak	235	321

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

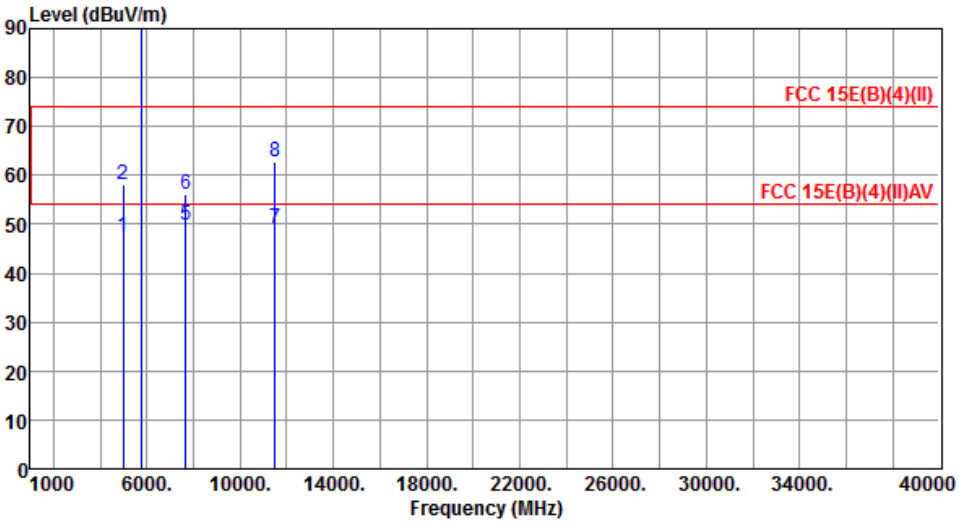
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal		



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5000.00	47.04	54.00	-6.96	42.87	4.17	Average	144	213
2		5000.00	57.82	74.00	-16.18	53.65	4.17	Peak	144	213
3	*	5755.00	103.51			98.37	5.14	Average	208	98
4	*	5755.00	116.46			111.32	5.14	Peak	208	98
5		7673.33	44.32	54.00	-9.68	35.54	8.78	Average	200	199
6		7673.33	52.55	74.00	-21.45	43.77	8.78	Peak	200	199
7		11510.00	46.99	54.00	-7.01	31.48	15.51	Average	222	189
8		11510.00	60.05	74.00	-13.95	44.54	15.51	Peak	222	189

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

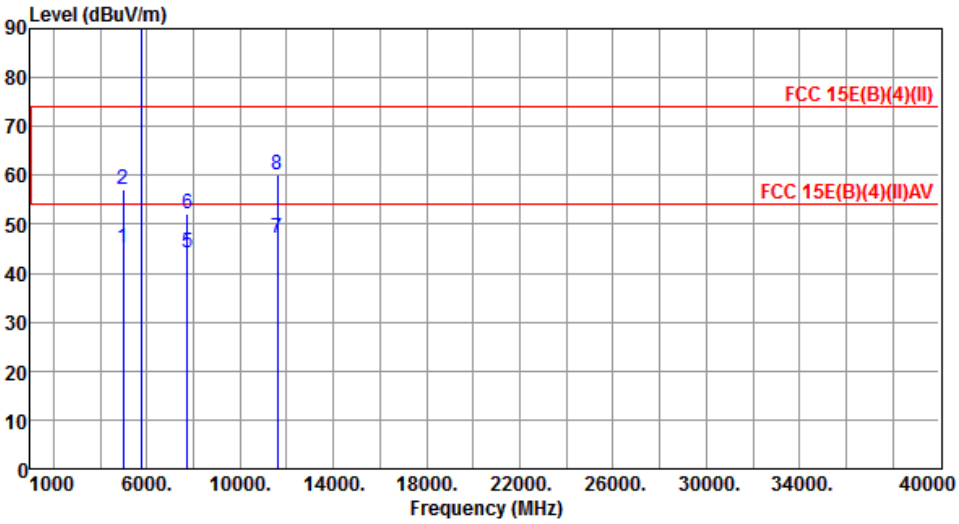
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical		



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5000.00	47.50	54.00	-6.50	43.33	4.17	Average	222	199
2		5000.00	58.04	74.00	-15.96	53.87	4.17	Peak	222	199
3	*	5755.00	110.90			105.76	5.14	Average	217	181
4	*	5755.00	123.16			118.02	5.14	Peak	217	181
5		7673.33	49.80	54.00	-4.20	41.02	8.78	Average	133	165
6		7673.33	55.98	74.00	-18.02	47.20	8.78	Peak	133	165
7		11510.00	49.09	54.00	-4.91	33.58	15.51	Average	322	38
8		11510.00	62.69	74.00	-11.31	47.18	15.51	Peak	322	38

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

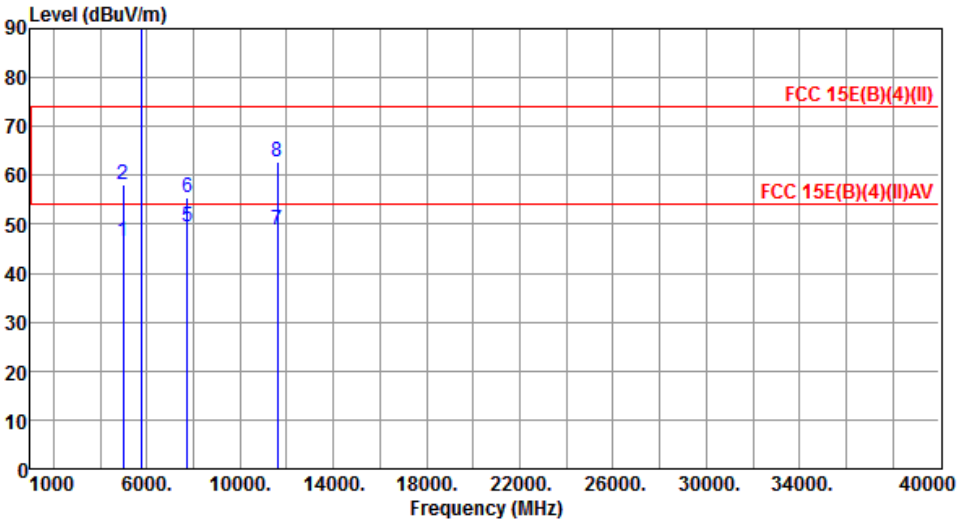
Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal		



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5000.00	45.33	54.00	-8.67	41.16	4.17	Average	166	211
2		5000.00	57.06	74.00	-16.94	52.89	4.17	Peak	166	211
3	*	5795.00	103.43			98.23	5.20	Average	222	74
4	*	5795.00	115.55			110.35	5.20	Peak	222	74
5		7726.66	44.06	54.00	-9.94	35.34	8.72	Average	221	189
6		7726.66	52.08	74.00	-21.92	43.36	8.72	Peak	221	189
7		11590.00	47.17	54.00	-6.83	31.90	15.27	Average	222	165
8		11590.00	60.01	74.00	-13.99	44.74	15.27	Peak	222	165

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical		

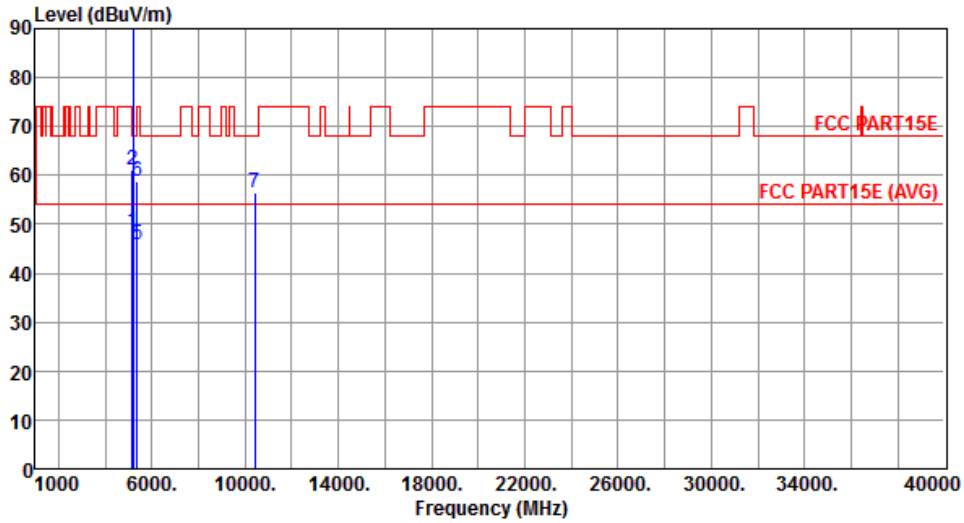


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5000.00	46.52	54.00	-7.48	42.35	4.17	Average	226	289
2		5000.00	58.28	74.00	-15.72	54.11	4.17	Peak	226	289
3	*	5795.00	110.91			105.71	5.20	Average	218	199
4	*	5795.00	123.04			117.84	5.20	Peak	218	199
5		7726.66	49.61	54.00	-4.39	40.89	8.72	Average	100	155
6		7726.66	55.61	74.00	-18.39	46.89	8.72	Peak	100	155
7		11590.00	48.95	54.00	-5.05	33.68	15.27	Average	333	43
8		11590.00	62.63	74.00	-11.37	47.36	15.27	Peak	333	43

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

3.5.13 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT80

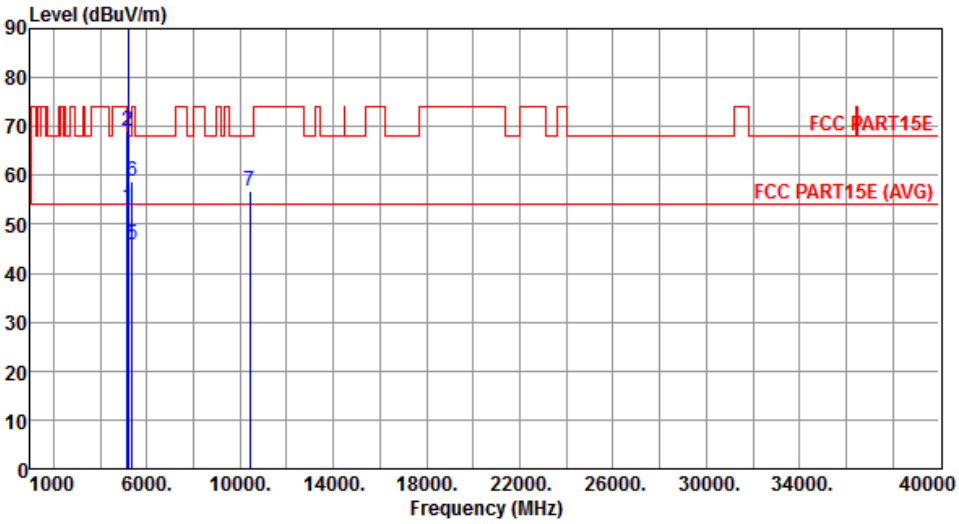
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Horizontal		



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5150.00	48.39	54.00	-5.61	43.99	4.40	Average	212	76
2		5150.00	61.17	74.00	-12.83	56.77	4.40	Peak	212	76
3	*	5210.00	93.60			89.11	4.49	Average	212	76
4	*	5210.00	105.23			100.74	4.49	Peak	212	76
5		5350.00	45.98	54.00	-8.02	41.34	4.64	Average	212	76
6		5350.00	58.86	74.00	-15.14	54.22	4.64	Peak	212	76
7		10420.00	56.43	68.20	-11.77	42.11	14.32	Peak	217	166

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

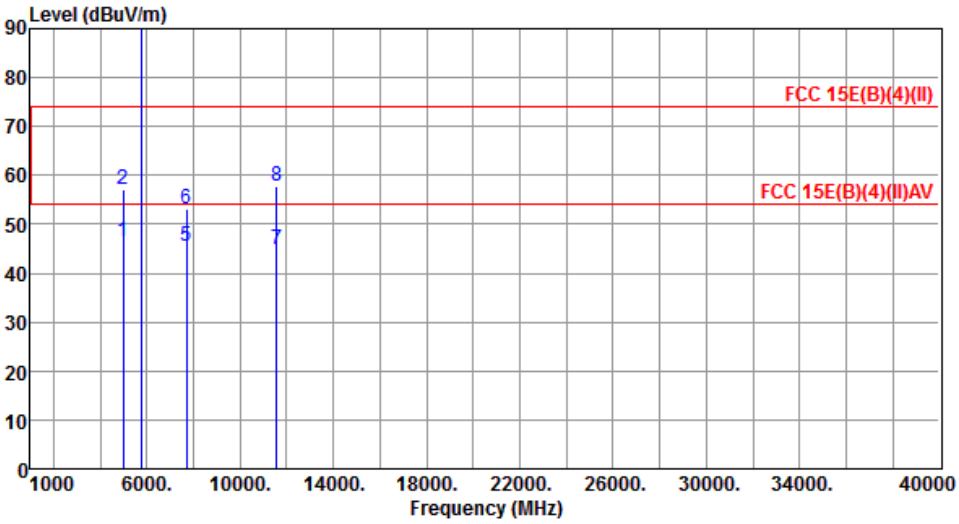
Modulation	VHT80	Test Freq. (MHz)	5210
Polarization	Vertical		



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5150.00	53.55	54.00	-0.45	49.15	4.40	Average	205	231
2		5150.00	68.93	74.00	-5.07	64.53	4.40	Peak	205	231
3	*	5210.00	99.72			95.23	4.49	Average	205	231
4	*	5210.00	111.81			107.32	4.49	Peak	205	231
5		5350.00	45.92	54.00	-8.08	41.28	4.64	Average	205	231
6		5350.00	58.86	74.00	-15.14	54.22	4.64	Peak	205	231
7		10420.00	56.64	68.20	-11.56	42.32	14.32	Peak	222	255

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

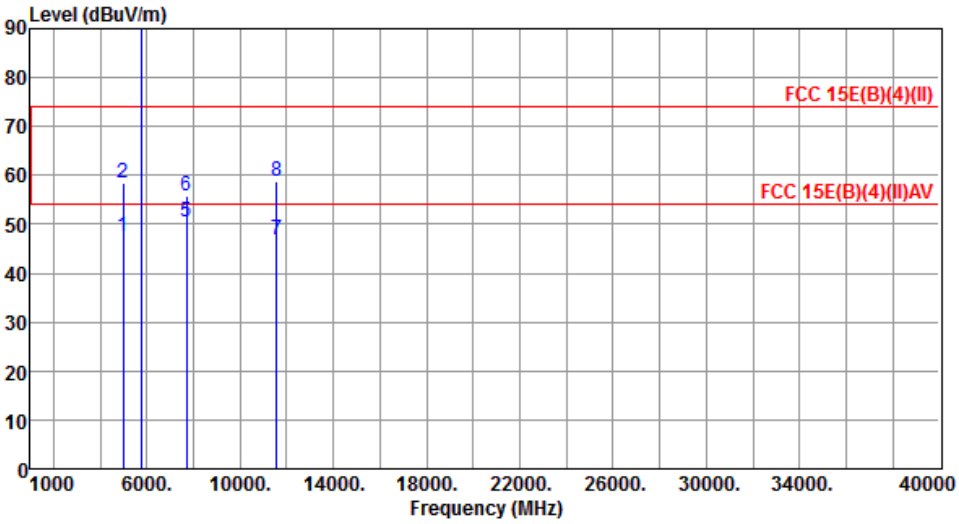
Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal		



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5000.00	46.39	54.00	-7.61	42.22	4.17	Average	188	211
2		5000.00	57.00	74.00	-17.00	52.83	4.17	Peak	188	211
3	*	5775.00	100.28			95.11	5.17	Average	222	100
4	*	5775.00	112.85			107.68	5.17	Peak	222	100
5		7700.00	45.64	54.00	-8.36	36.89	8.75	Average	222	199
6		7700.00	53.12	74.00	-20.88	44.37	8.75	Peak	222	199
7		11550.00	44.94	54.00	-9.06	29.54	15.40	Average	222	165
8		11550.00	57.73	74.00	-16.27	42.33	15.40	Peak	222	165

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical		

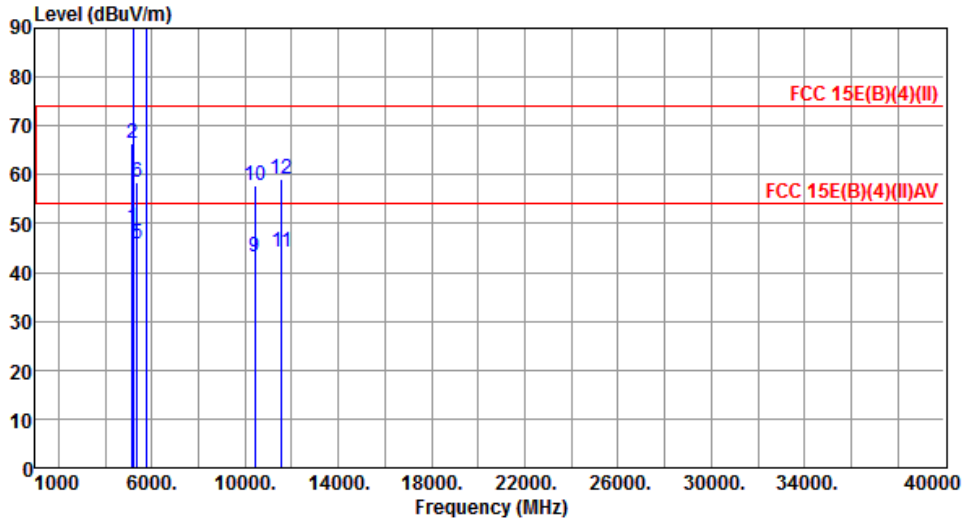


		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5000.00	47.61	54.00	-6.39	43.44	4.17	Average	222	333
2		5000.00	58.52	74.00	-15.48	54.35	4.17	Peak	222	333
3	*	5775.00	106.39			101.22	5.17	Average	193	181
4	*	5775.00	119.70			114.53	5.17	Peak	193	181
5		7700.00	50.34	54.00	-3.66	41.59	8.75	Average	100	141
6		7700.00	55.74	74.00	-18.26	46.99	8.75	Peak	100	141
7		11550.00	46.98	54.00	-7.02	31.58	15.40	Average	333	49
8		11550.00	58.94	74.00	-15.06	43.54	15.40	Peak	333	49

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

3.5.14 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT80+80

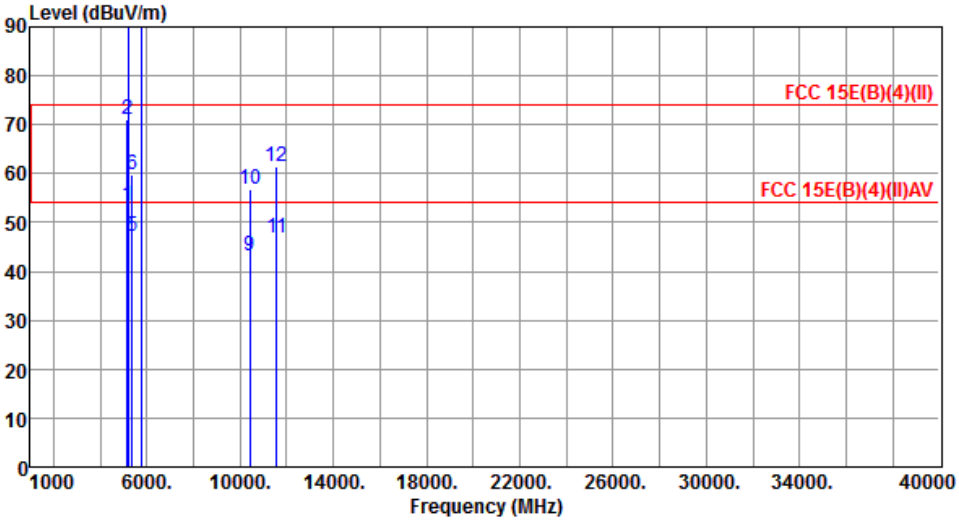
Modulation	VHT80+80	Test Freq. (MHz)	5210+5775
Polarization	Horizontal		



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5150.00	49.03	54.00	-4.97	44.63	4.40	Average	161	307
2		5150.00	66.51	74.00	-7.49	62.11	4.40	Peak	161	307
3	*	5210.00	92.07			87.58	4.49	Average	161	307
4	*	5210.00	103.87			99.38	4.49	Peak	161	307
5		5350.00	45.97	54.00	-8.03	41.33	4.64	Average	161	307
6		5350.00	58.50	74.00	-15.50	53.86	4.64	Peak	161	307
7	*	5775.00	93.02			87.85	5.17	Average	168	128
8	*	5775.00	105.19			100.02	5.17	Peak	168	128
9		10420.00	43.20	54.00	-10.80	28.88	14.32	Average	188	295
10		10420.00	57.91	74.00	-16.09	43.59	14.32	Peak	188	295
11		11550.00	44.15	54.00	-9.85	28.75	15.40	Average	192	306
12		11550.00	59.22	74.00	-14.78	43.82	15.40	Peak	192	306

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

Modulation	VHT80+80	Test Freq. (MHz)	5210+5775
Polarization	Vertical		



		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1		5150.00	53.51	54.00	-0.49	49.11	4.40	Average	150	307
2		5150.00	70.93	74.00	-3.07	66.53	4.40	Peak	150	307
3	*	5210.00	96.32			91.83	4.49	Average	139	305
4	*	5210.00	109.08			104.59	4.49	Peak	139	305
5		5350.00	47.04	54.00	-6.96	42.40	4.64	Average	139	305
6		5350.00	59.66	74.00	-14.34	55.02	4.64	Peak	139	305
7	*	5775.00	97.72			92.55	5.17	Average	139	215
8	*	5775.00	109.75			104.58	5.17	Peak	139	215
9		10420.00	43.05	54.00	-10.95	28.73	14.32	Average	222	165
10		10420.00	56.85	74.00	-17.15	42.53	14.32	Peak	222	165
11		11550.00	46.94	54.00	-7.06	31.54	15.40	Average	188	231
12		11550.00	61.48	74.00	-12.52	46.08	15.40	Peak	188	231

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3:"*" is Peak / Average value of fundamental frequency

3.6 Emissions in Non-Restricted Frequency Bands

3.6.1 Emissions in Non-Restricted Frequency Bands Limit

This test is for transmitters operating in the 5.725 - 5.850 GHz band only.
Peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz

3.6.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Reference level measurement

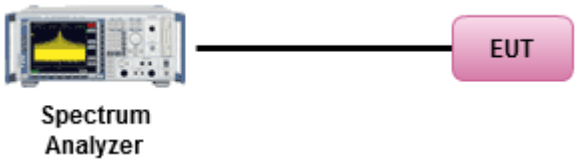
1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Use the peak marker function to determine the maximum PSD level

Emission level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Scan Frequency range is up to 40GHz
4. Use the peak marker function to determine the maximum amplitude level

3.6.4 Test Setup

Transmitter Radiated Bandedge Emissions



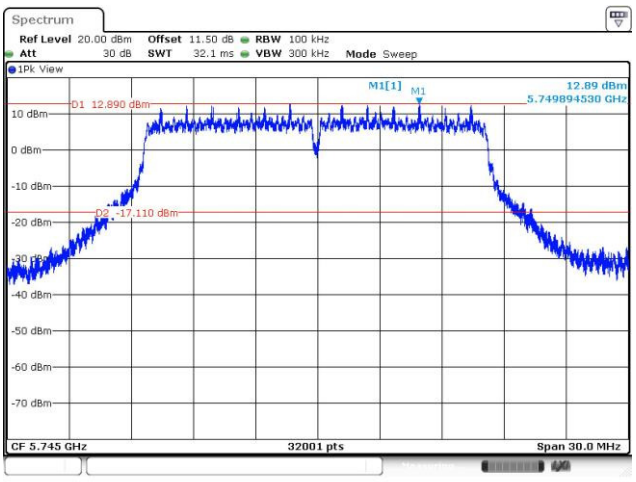
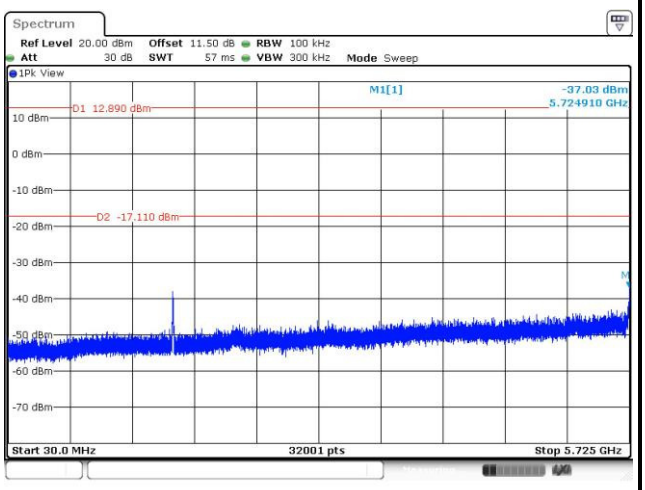
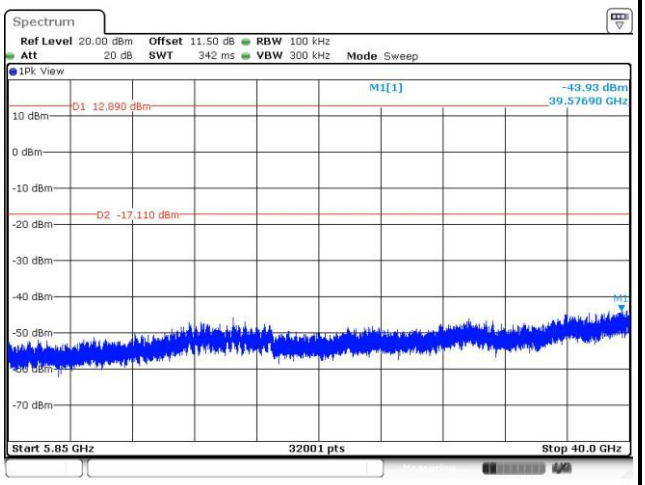
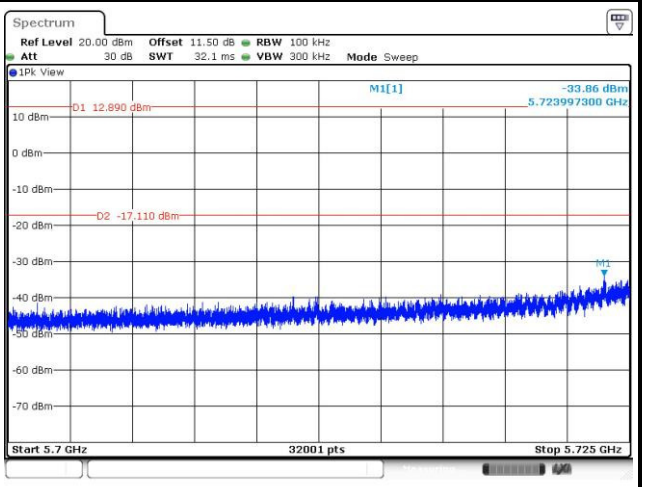
3.6.5 Test Result of Emissions in non-restricted frequency bands

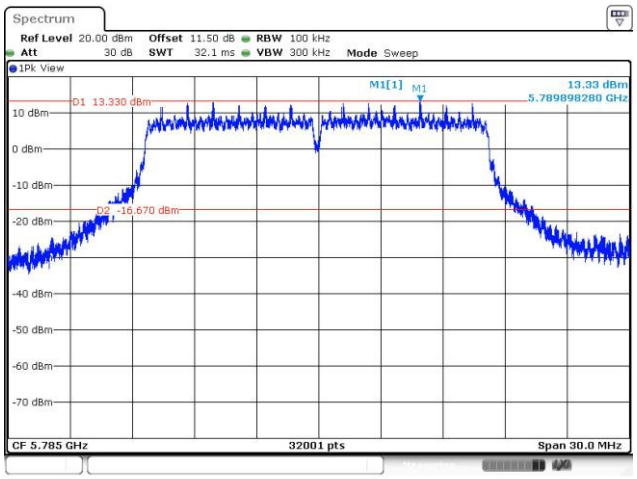
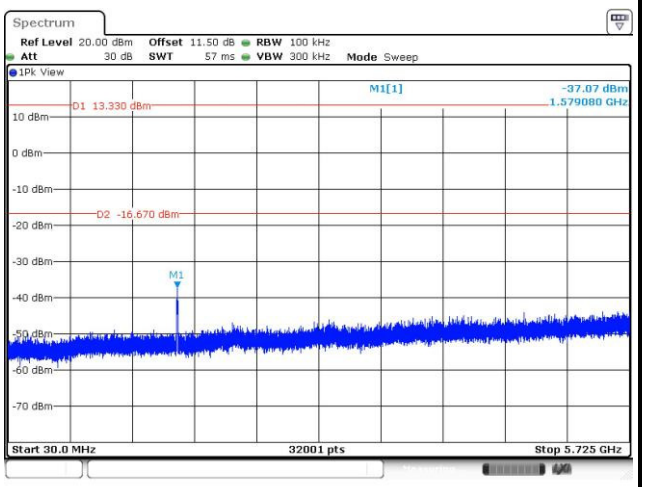
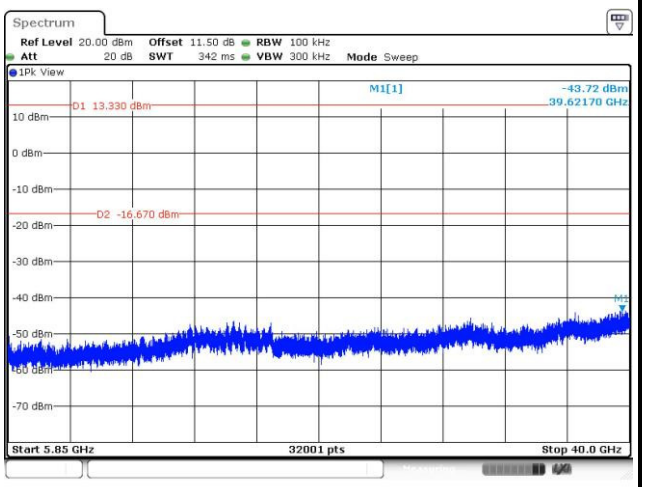
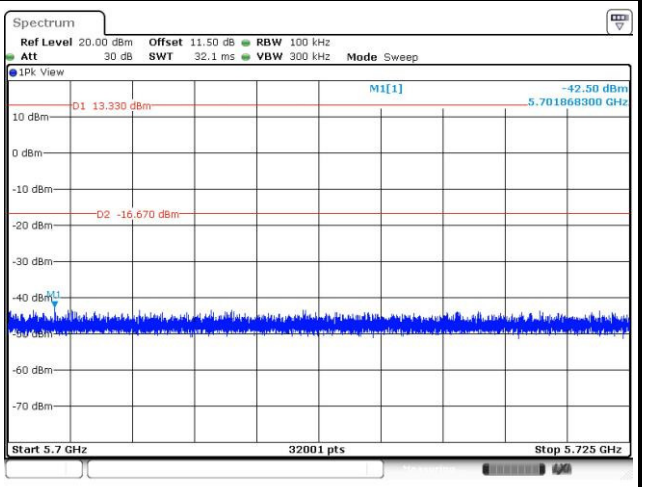
This test item is performed on each TX output individually without summing or adding 10 log(N_{ANT}) since measurements are made relative to the in-band emissions on the individual outputs. Only worst test result of each operating mode is presented.

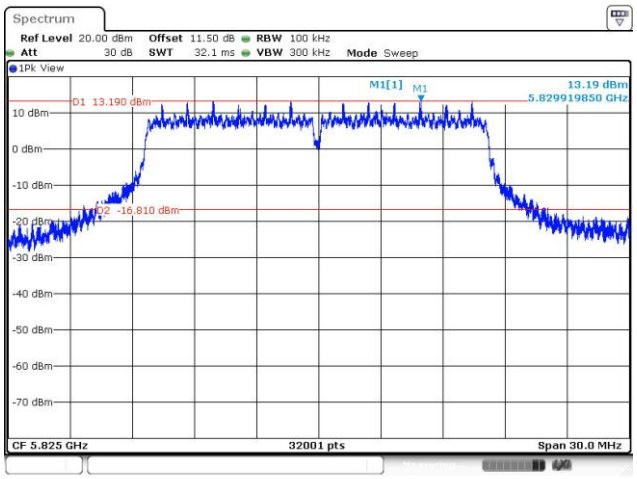
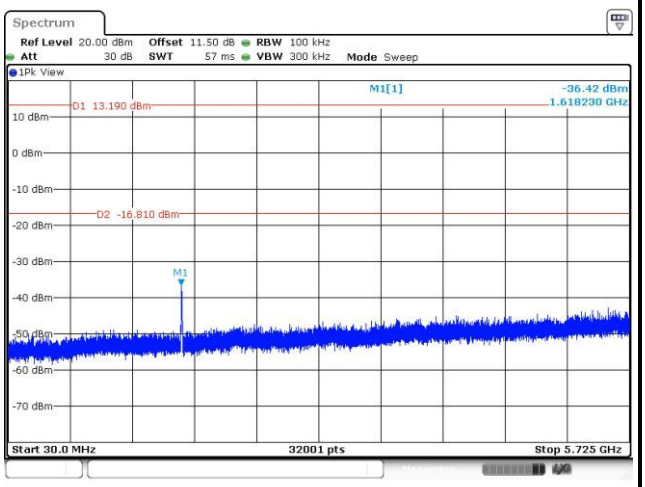
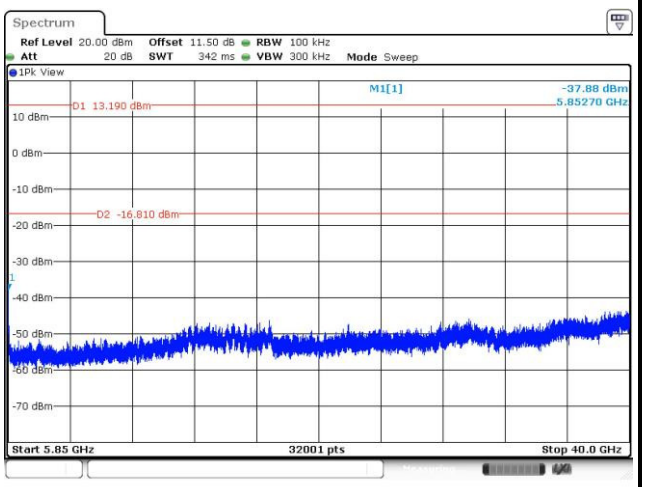
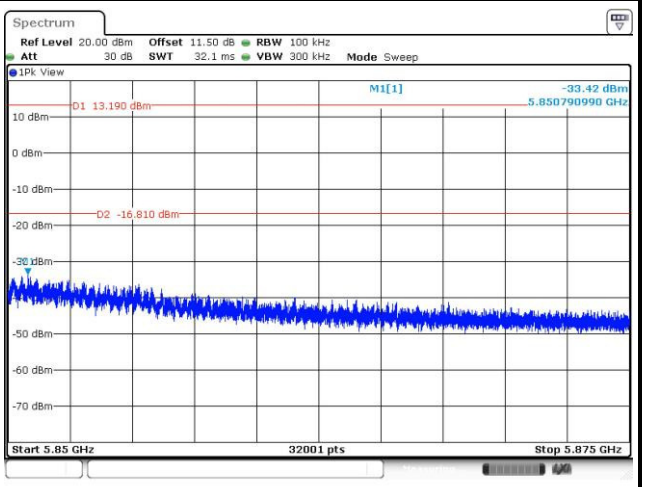
Non-beamforming mode

3.6.6 Unwanted Emissions into Non-Restricted Frequency Bands

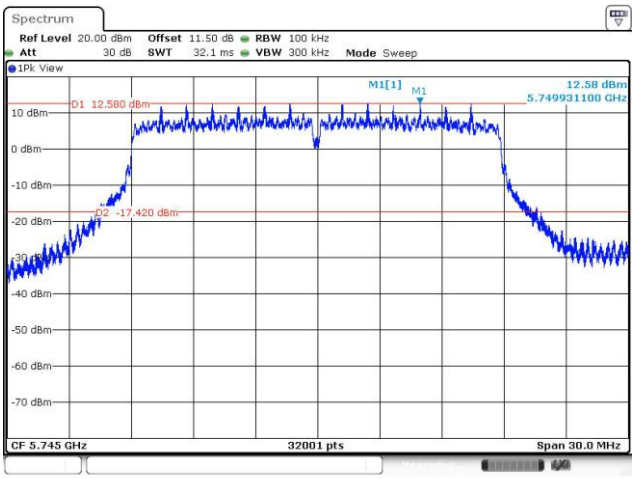
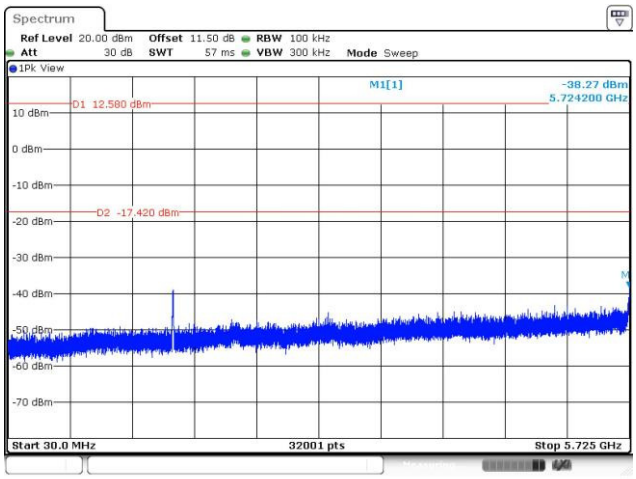
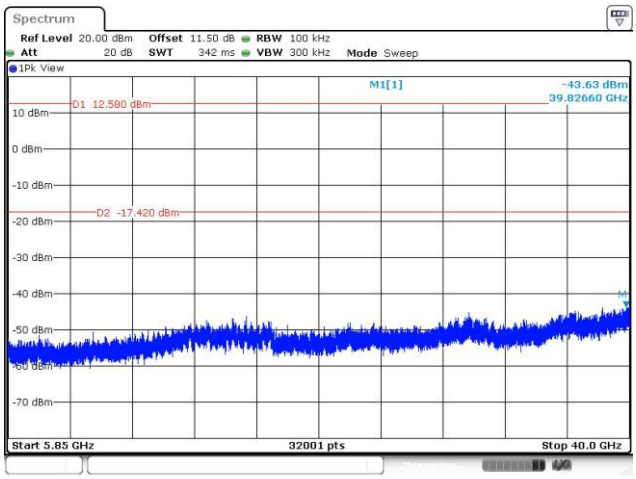
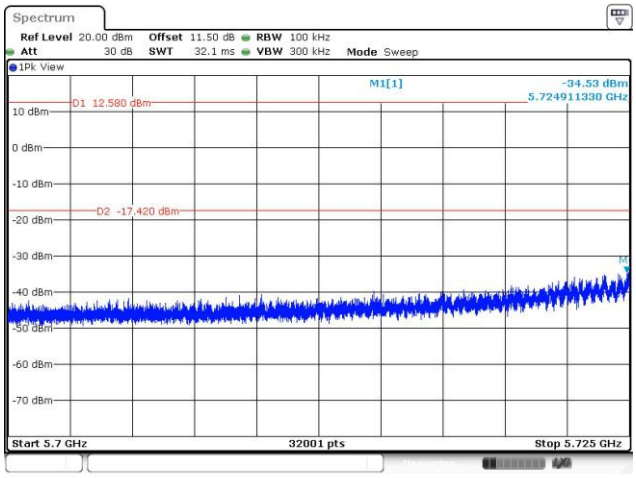
802.11a

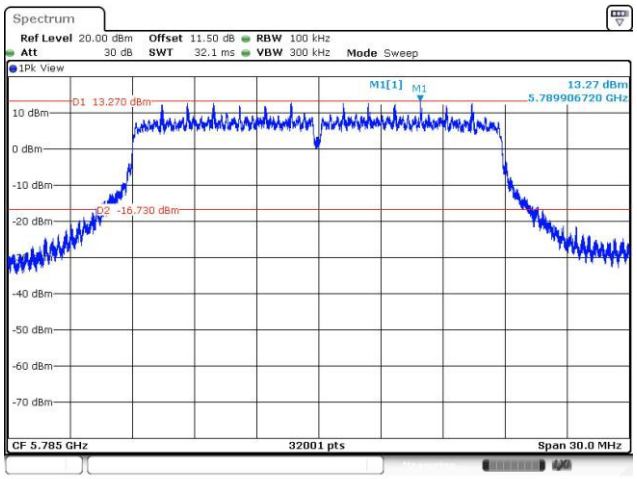
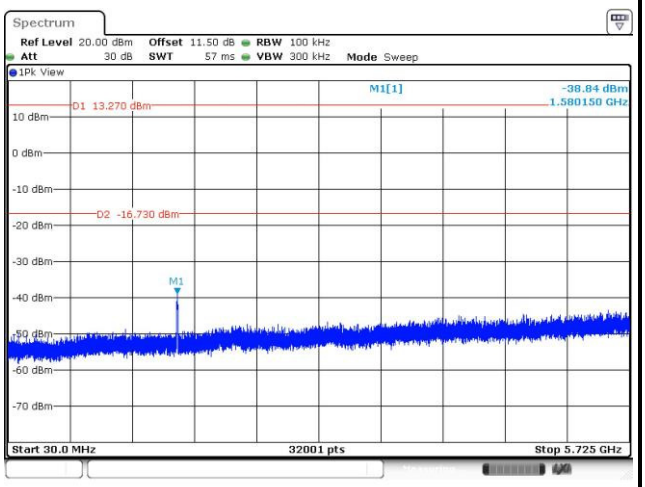
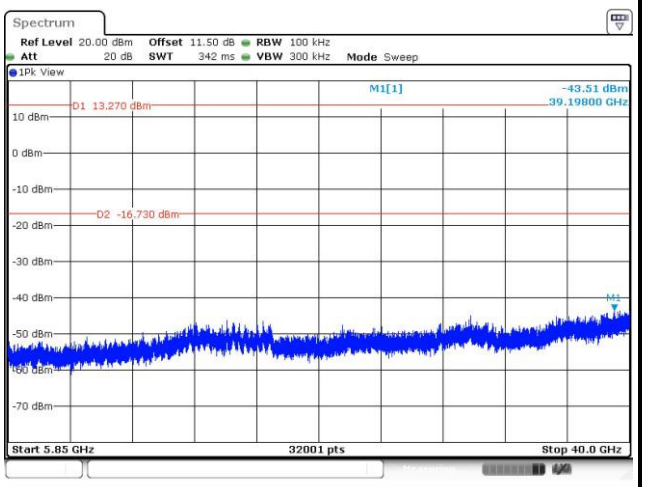
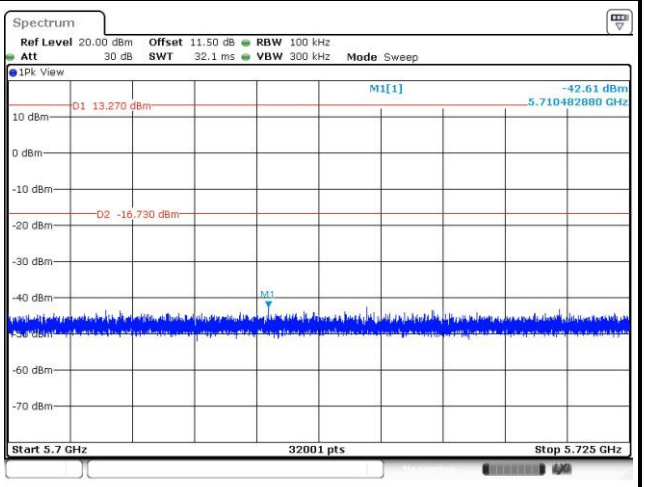
Reference Level	Tx 5745MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

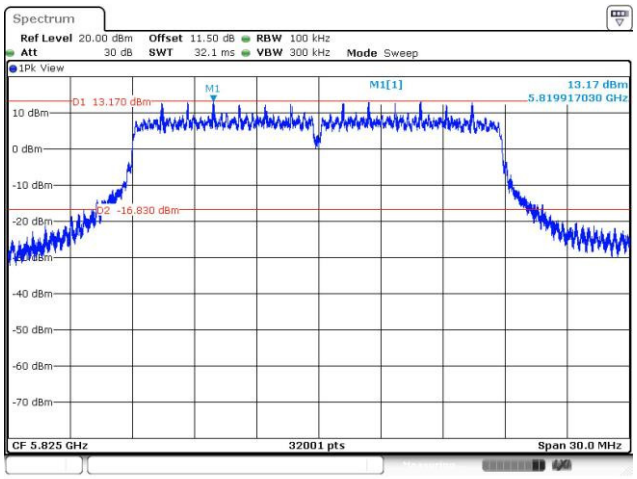
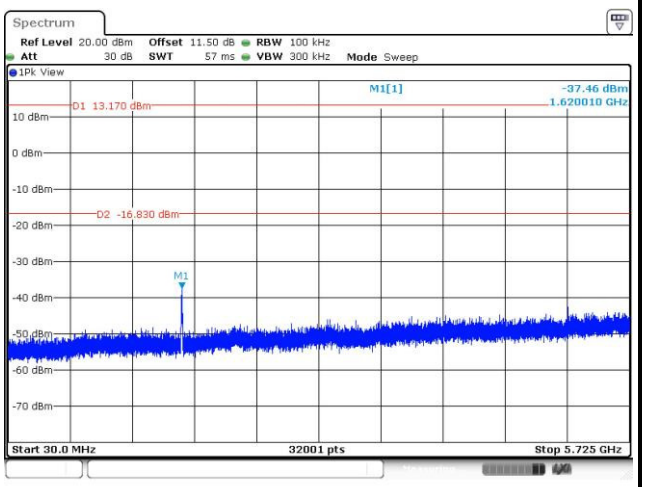
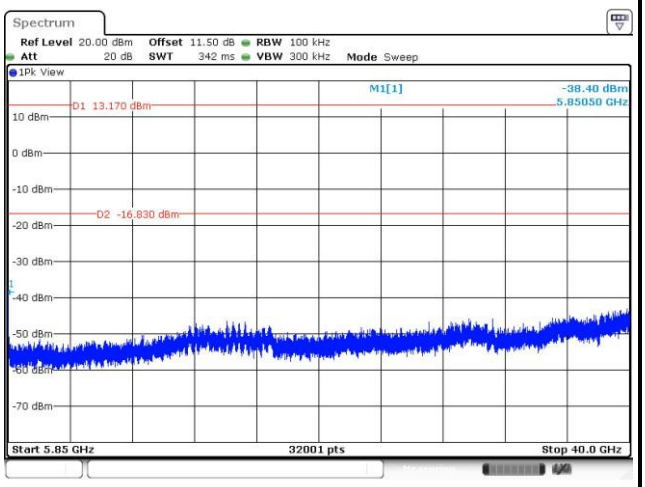
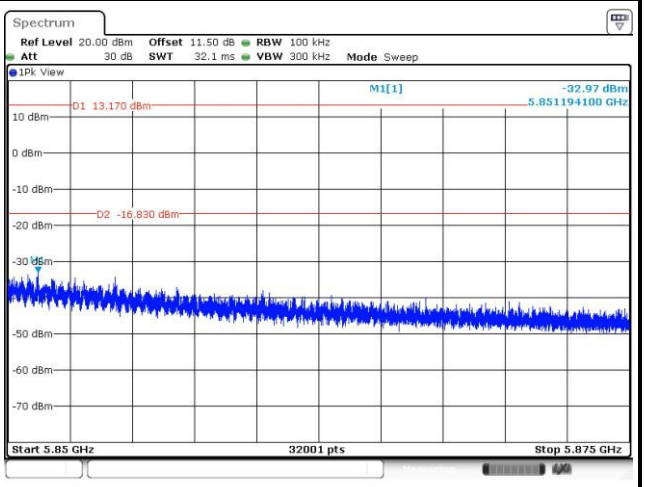
Reference Level	Tx 5785MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

Reference Level	Tx 5825MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

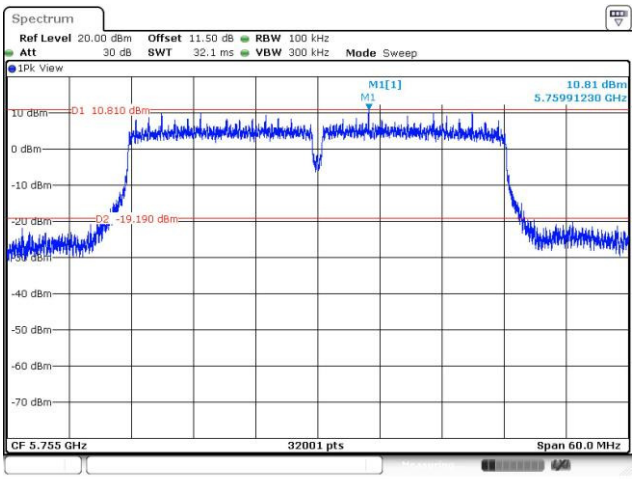
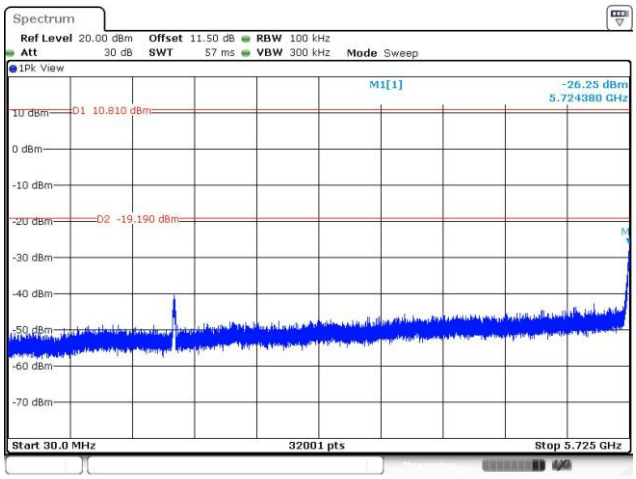
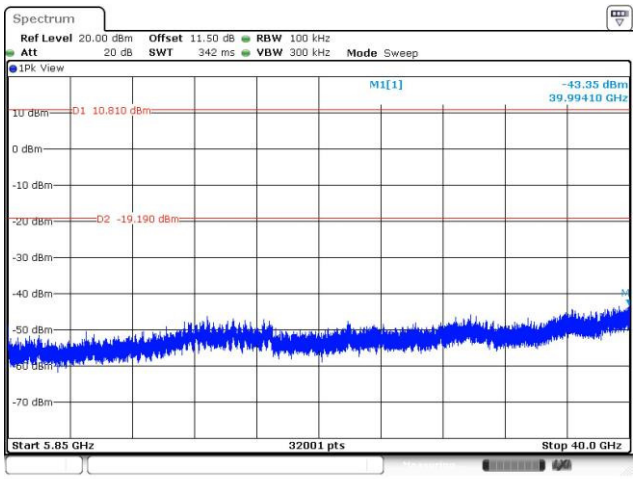
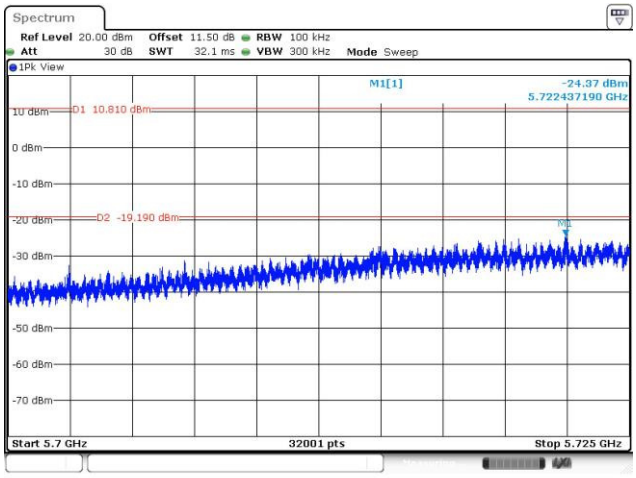
VHT20

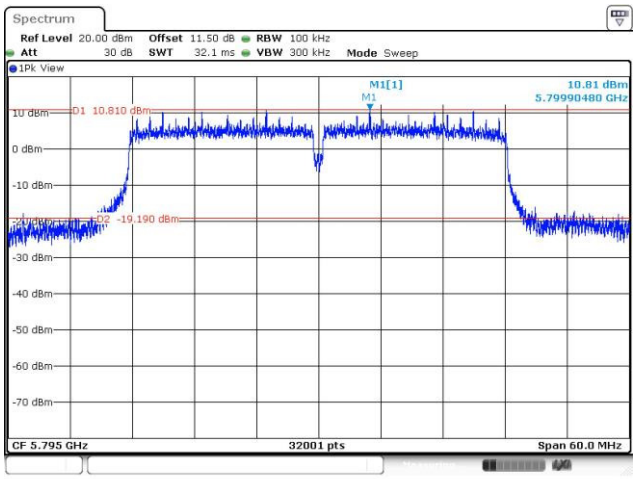
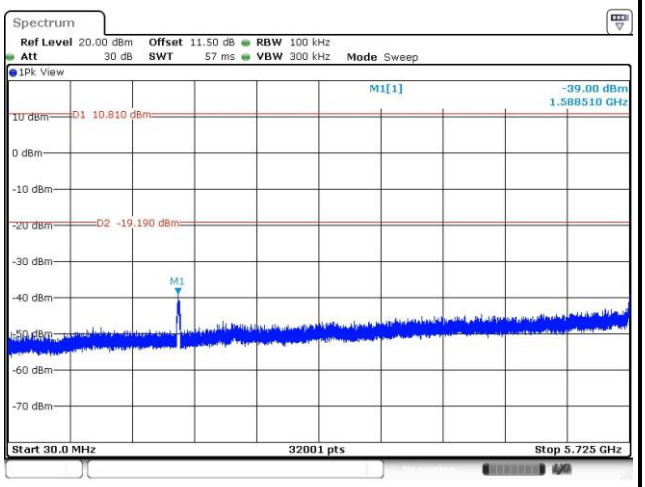
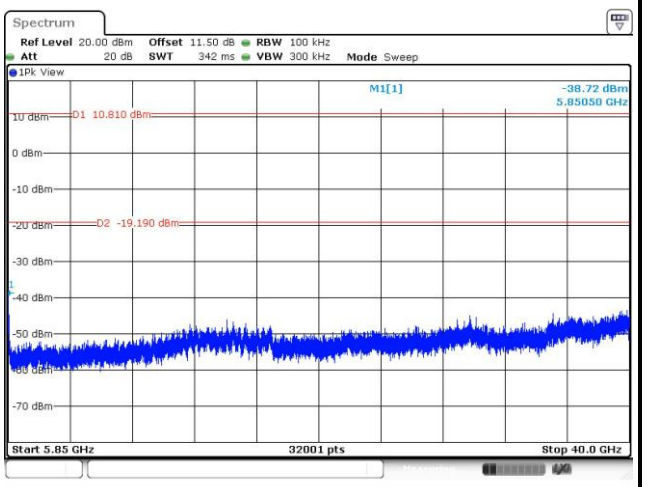
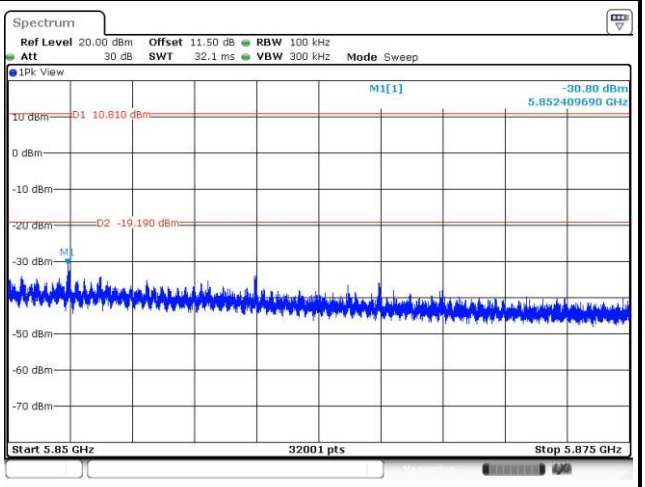
Reference Level	Tx 5745MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

Reference Level	Tx 5785MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

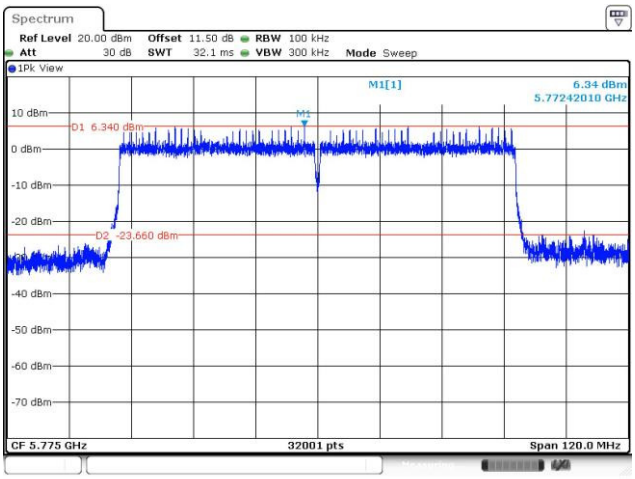
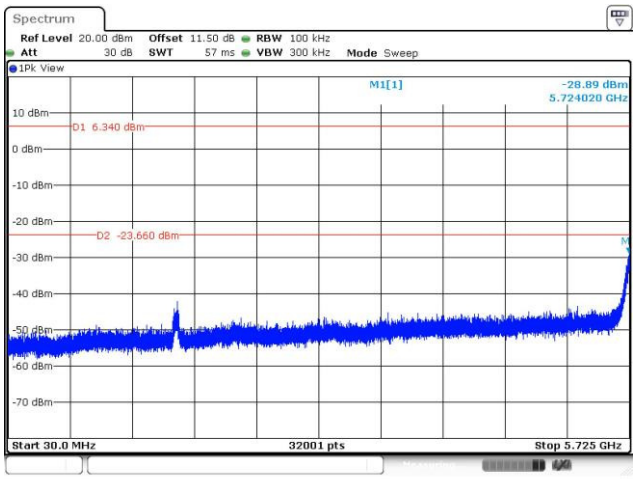
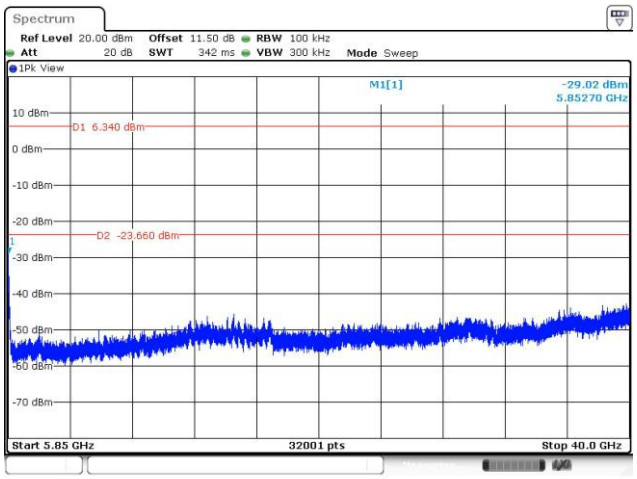
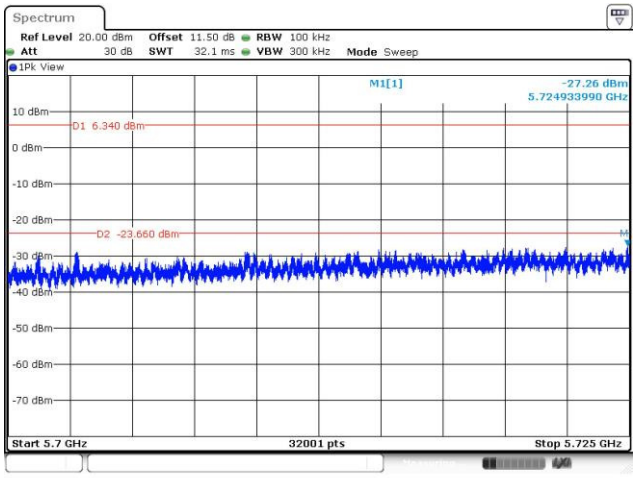
Reference Level	Tx 5825MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

VHT40

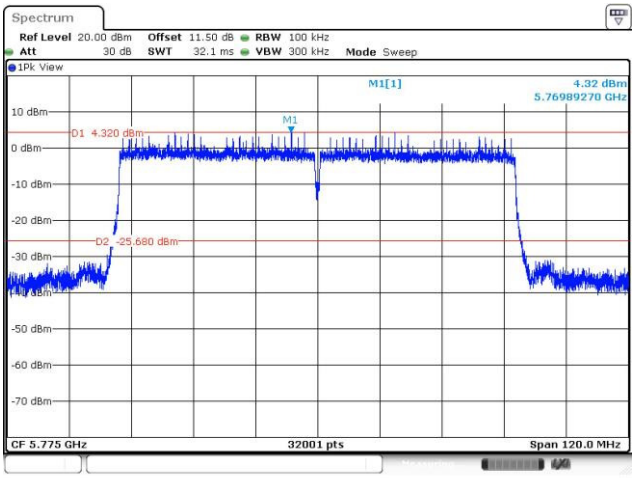
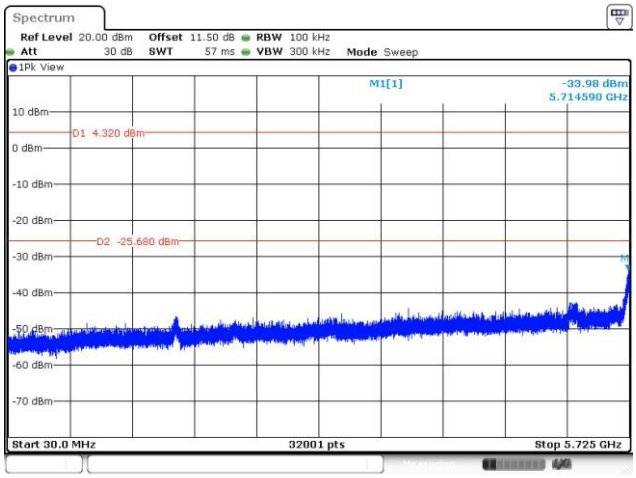
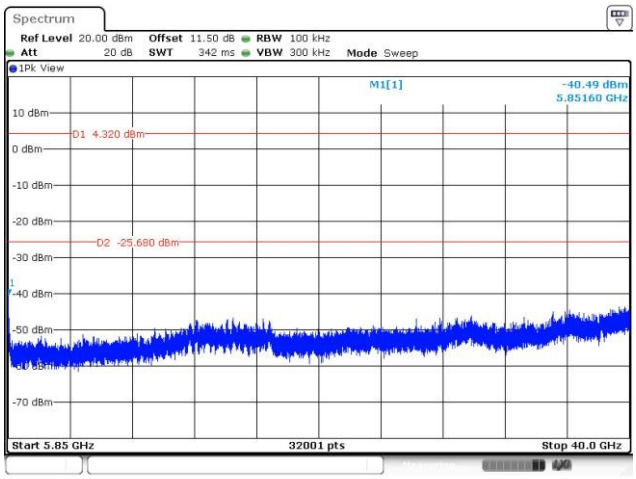
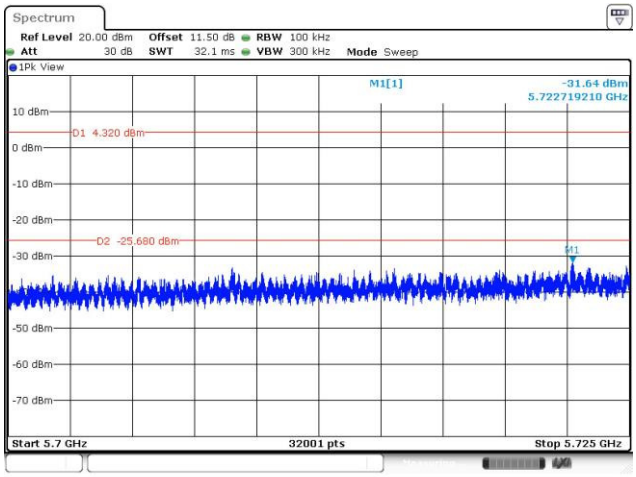
Reference Level	Tx 5755MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

Reference Level	Tx 5795MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

VHT80

Reference Level	Tx 5775MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

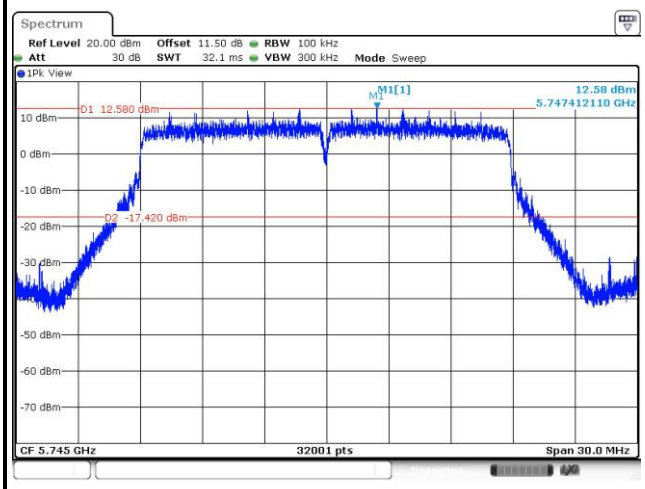
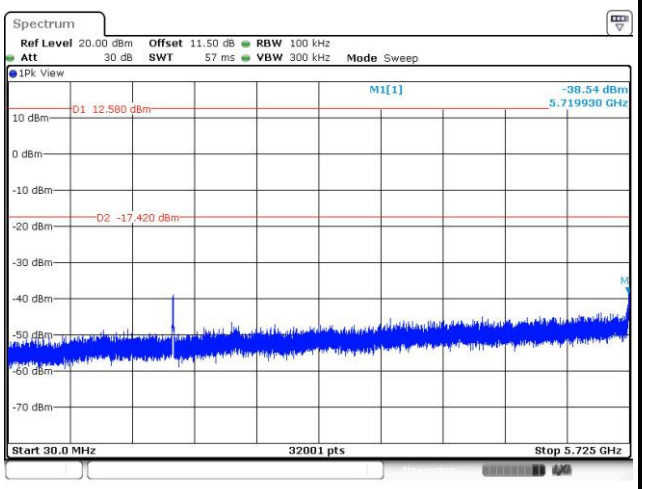
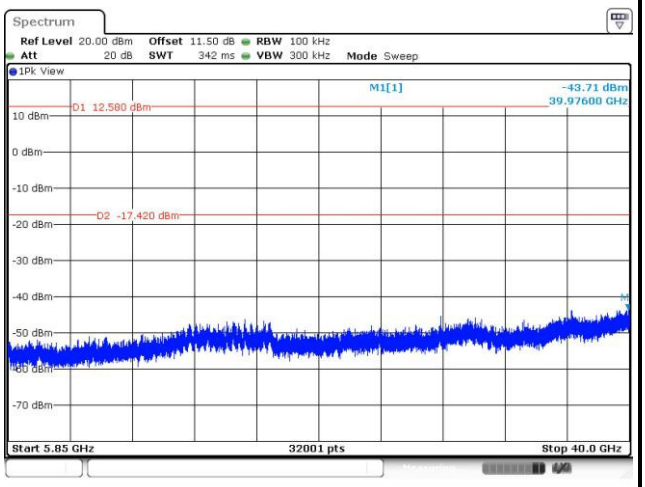
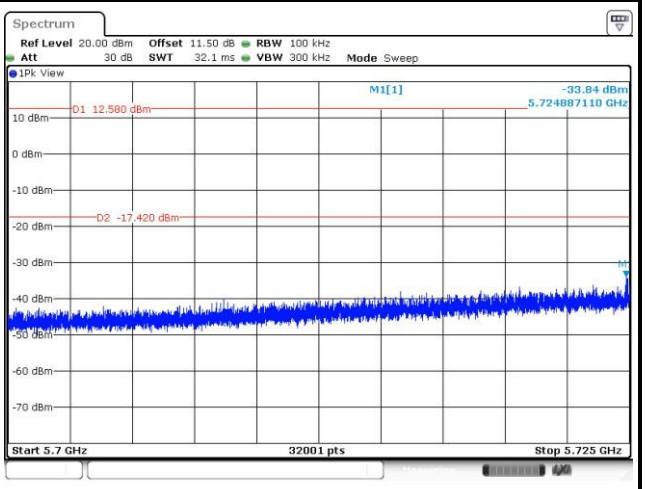
VHT80+80

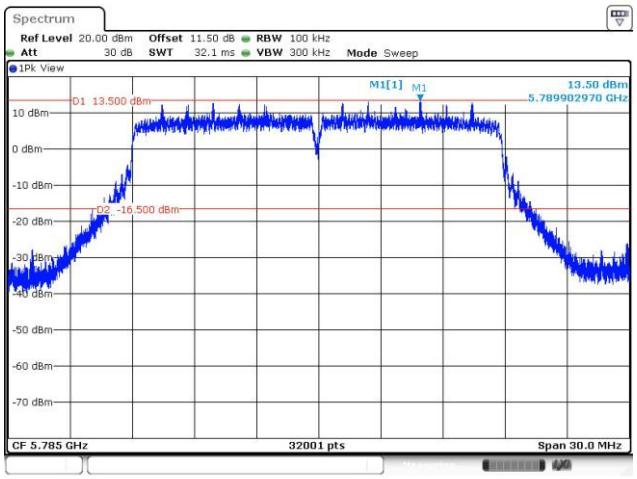
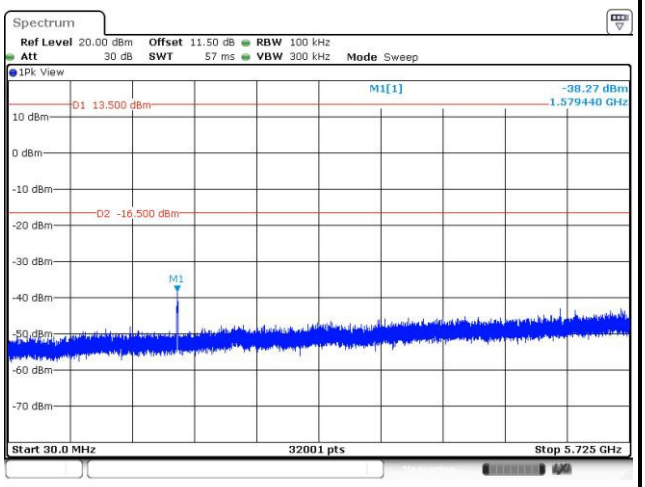
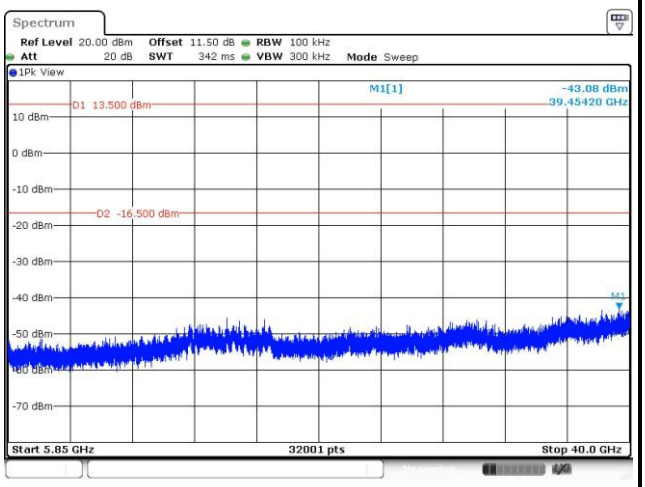
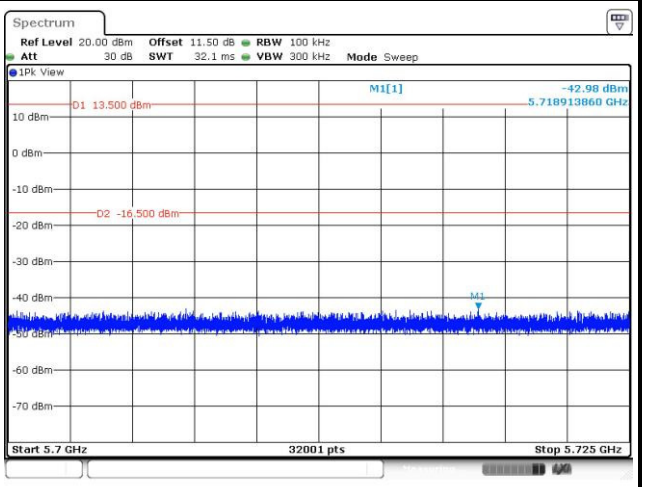
Reference Level	Tx 5775MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

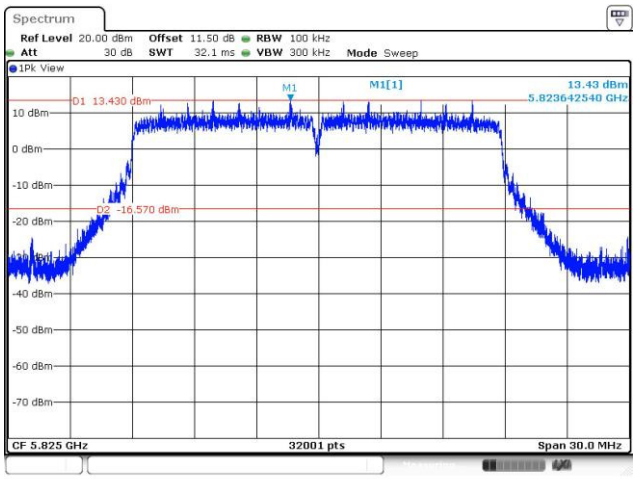
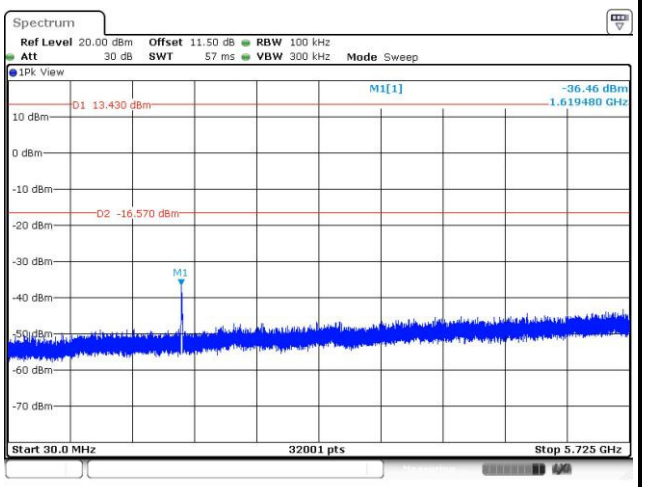
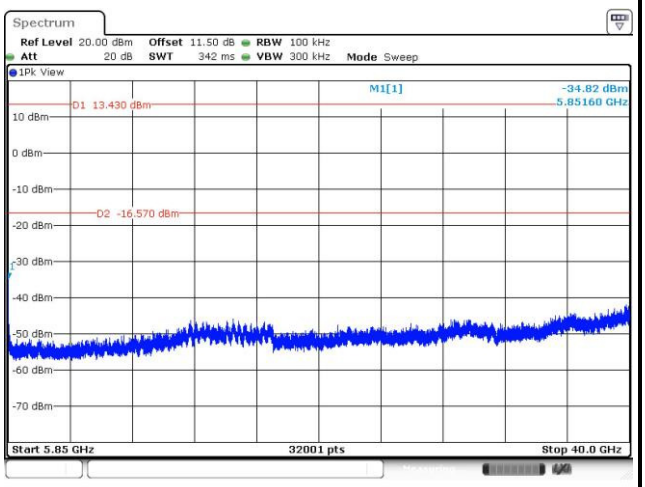
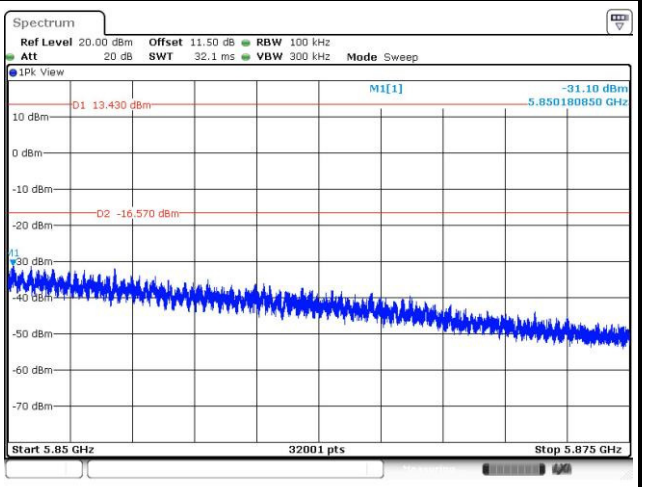
Beamforming mode

3.6.7 Unwanted Emissions into Non-Restricted Frequency Bands

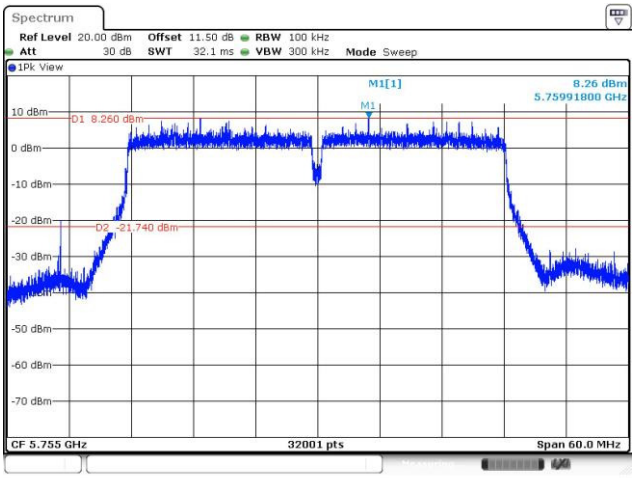
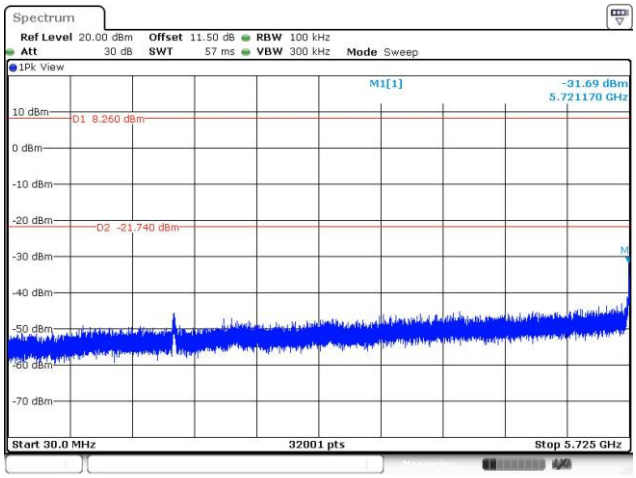
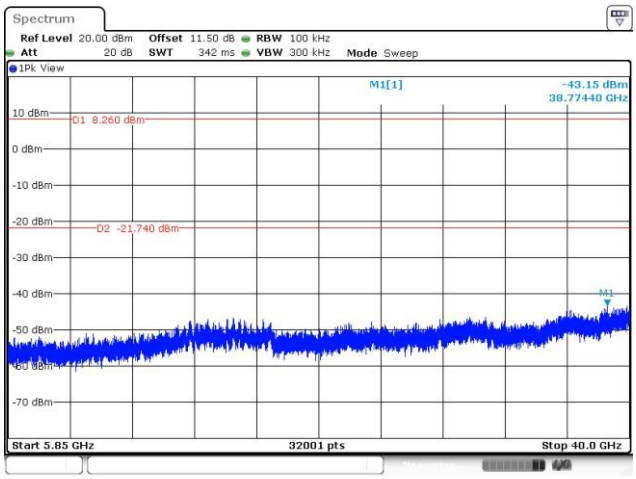
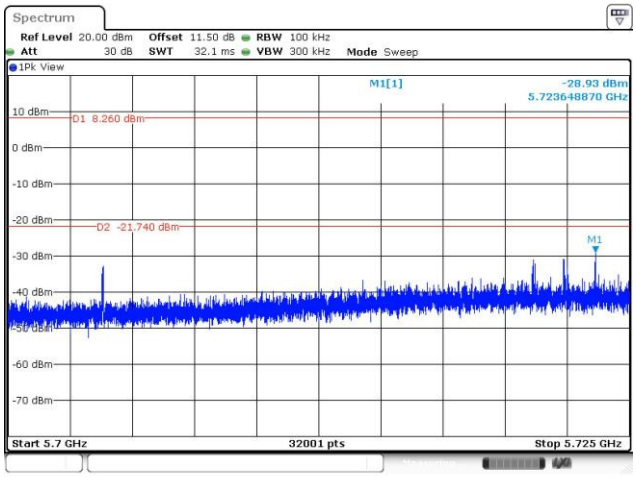
VHT20

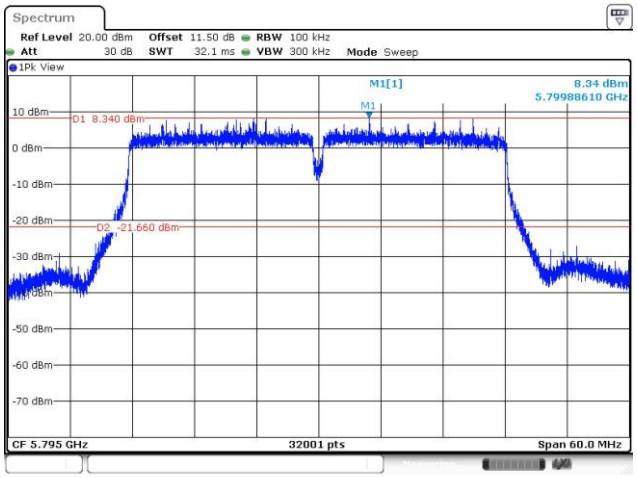
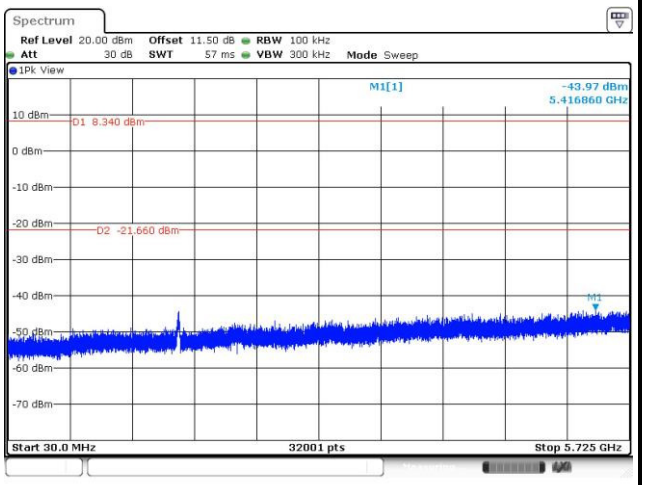
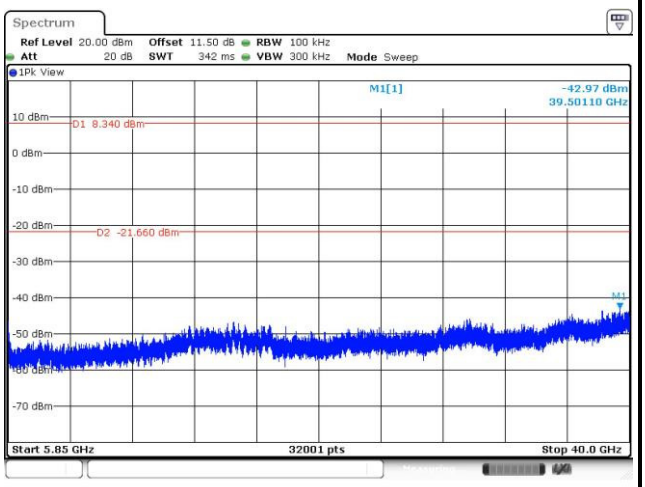
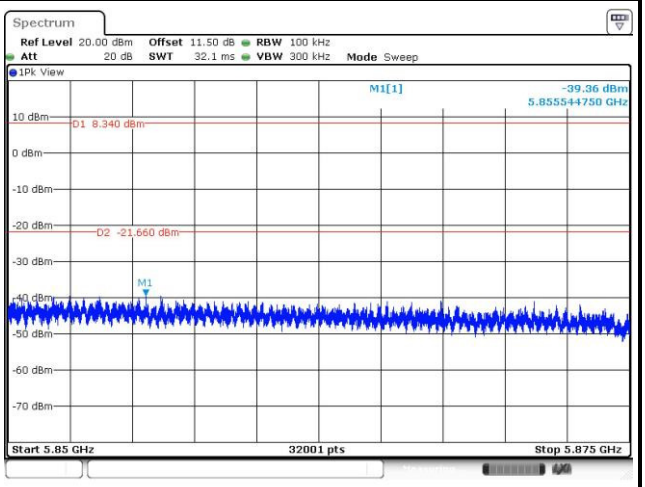
Reference Level	Tx 5745MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

Reference Level	Tx 5785MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

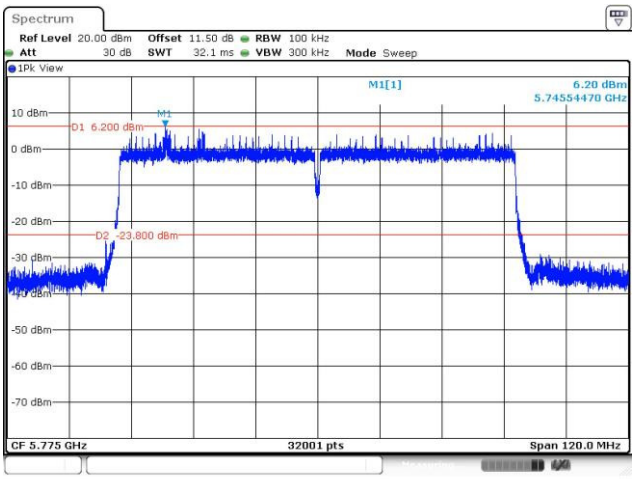
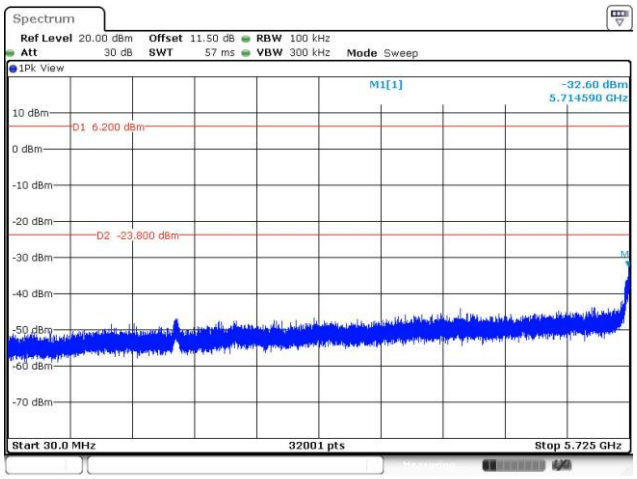
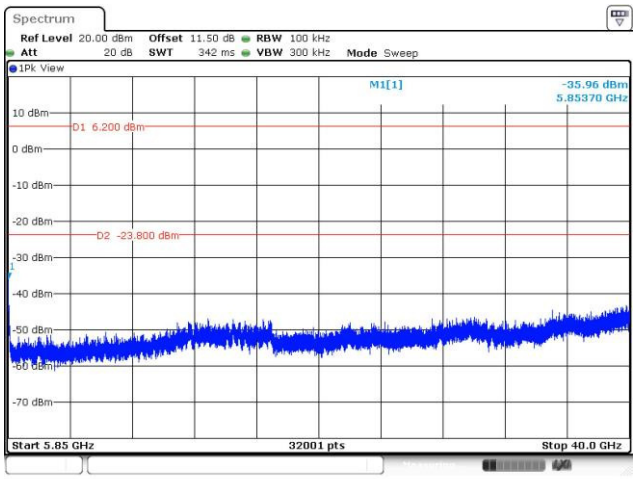
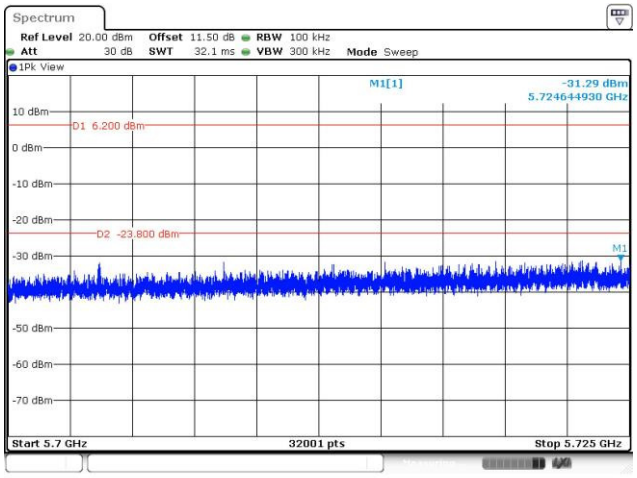
Reference Level	Tx 5825MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

VHT40

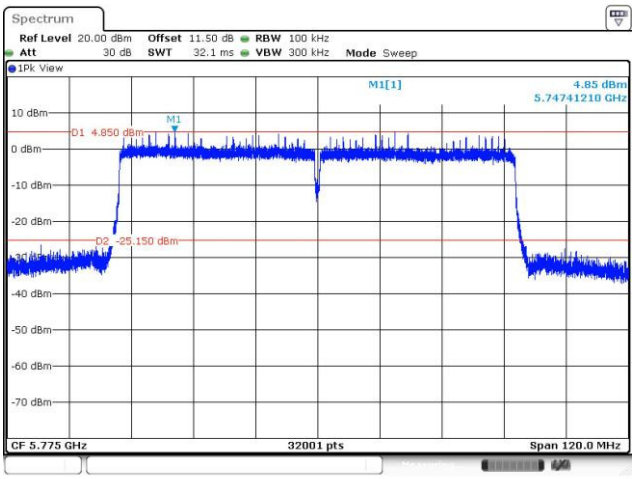
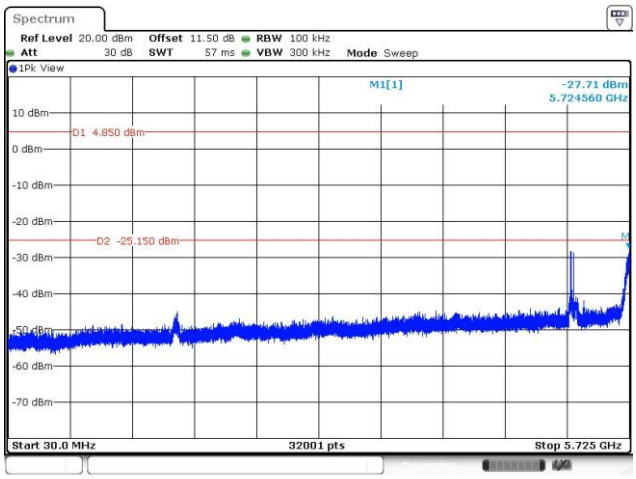
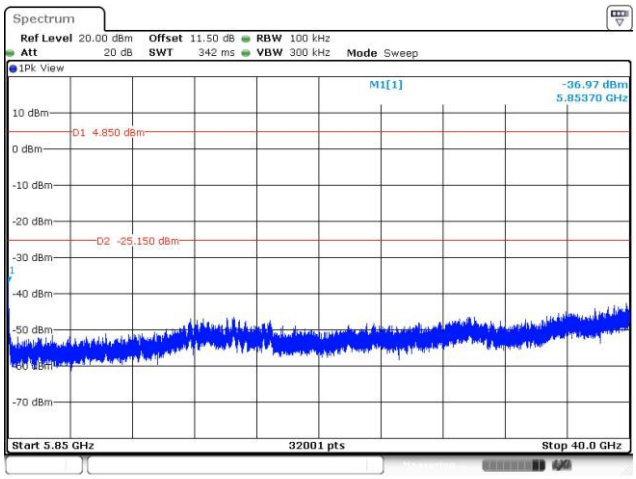
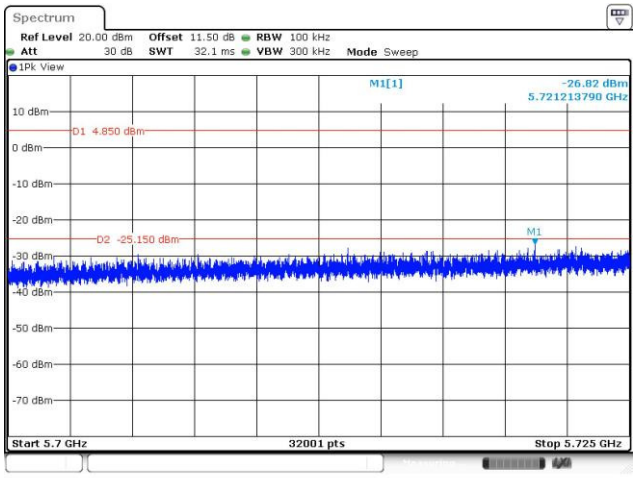
Reference Level	Tx 5755MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

Reference Level	Tx 5795MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

VHT80

Reference Level	Tx 5775MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

VHT80+80

Reference Level	Tx 5775MHz / 30MHz~40GHz (down 30dBc)
	
---	
---	

3.7 Frequency Stability

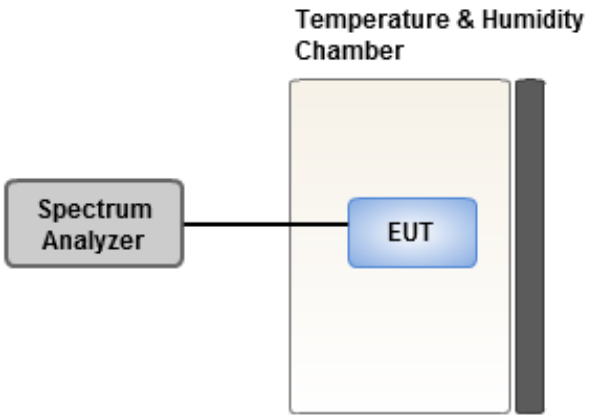
3.7.1 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

3.7.2 Test Procedures

1. The EUT is installed in an environment test chamber with external power source.
2. Set the chamber to operate at 50 centigrade and external power source to output at nominal voltage of EUT.
3. A sufficient stabilization period at each temperature is used prior to each frequency measurement.
4. When temperature is stabled, measure the frequency stability.
5. The test shall be performed under -30 to 50 centigrade and 85 to 115 percent of the nominal voltage. Change setting of chamber and external power source to complete all conditions.

3.7.3 Test Setup



3.7.4 Test Result of Frequency Stability

Frequency: 5200 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	0.50	0.94	0.69	0.95
T20°CVmin	0.23	0.87	0.45	0.41
T50°CVnom	0.94	0.47	1.62	1.34
T40°CVnom	-0.10	-0.28	0.09	0.44
T30°CVnom	0.28	0.74	0.23	0.26
T20°CVnom	-0.09	0.42	-0.11	0.03
T10°CVnom	-0.06	0.18	0.31	0.30
T0°CVnom	0.03	-0.22	-0.12	0.39
T-10°CVnom	0.09	0.10	0.43	0.02
T-20°CVnom	0.29	0.79	0.48	0.89
T-30°CVnom	-0.23	0.30	-0.73	-0.24
Vnom [Vac]: 120		Vmax [Vac]: 138		Vmin [Vac]: 102
Tnom [°C]: 20		Tmax [°C]: 50		Tmin [°C]: -30

Frequency: 5785 MHz	Frequency Drift (ppm)			
Temperature (°C)	0 minute	2 minutes	5 minutes	10 minutes
T20°CVmax	0.43	1.00	0.84	0.34
T20°CVmin	0.04	0.51	0.30	-0.34
T50°CVnom	1.14	1.36	0.79	1.63
T40°CVnom	0.51	1.21	0.50	0.90
T30°CVnom	0.90	0.97	0.69	0.79
T20°CVnom	0.27	0.10	0.69	0.39
T10°CVnom	0.36	0.25	0.69	0.45
T0°CVnom	0.39	0.44	0.25	0.67
T-10°CVnom	0.42	0.19	0.39	0.59
T-20°CVnom	0.21	0.43	0.10	0.63
T-30°CVnom	0.15	0.15	0.66	0.37
Vnom [Vac]: 120		Vmax [Vac]: 138		Vmin [Vac]: 102
Tnom [°C]: 20		Tmax [°C]: 50		Tmin [°C]: -30

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan Hsiang. Location map can be found on our website http://www.icertifi.com.tw.

Linkou	**Kwei Shan**	**Kwei Shan Site II**
Tel: 886-2-2601-1640	Tel: 886-3-271-8666	Tel: 886-3-271-8640
No. 30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan, R.O.C.	No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C.	No. 14-1, Lane 19, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C..

If you have any suggestion, please feel free to contact us as below information

Tel: 886-3-271-8666
Fax: 886-3-318-0155
Email: ICC_Service@icertifi.com.tw

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