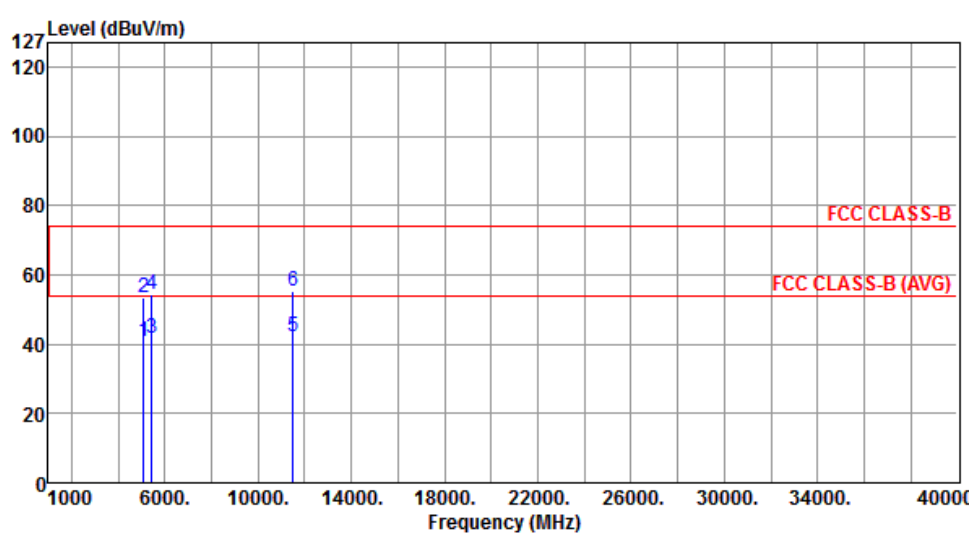


3.5.7 Transmitter Radiated Unwanted Emissions (Above 1GHz) for VHT40

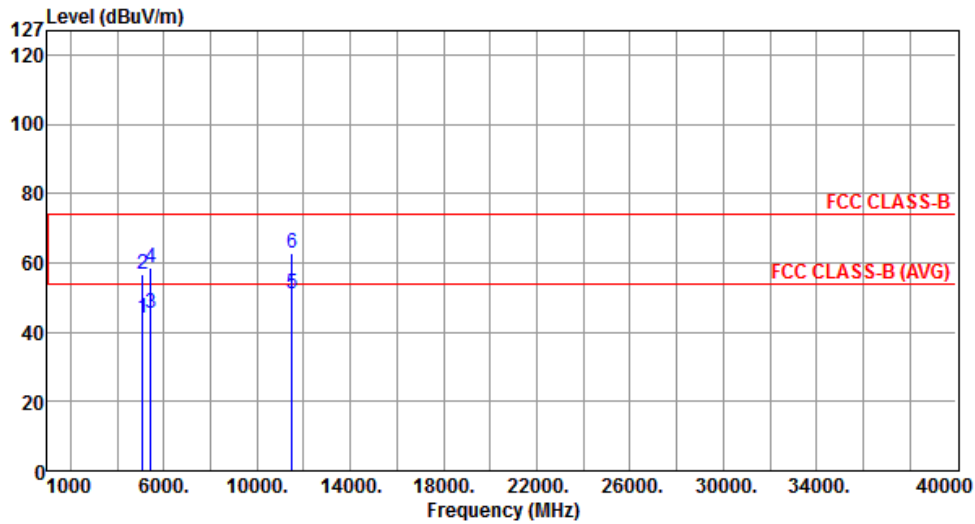
Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	40.98	54.00	-13.02	36.15	4.83	Average	---	---
2	5097.00	53.48	74.00	-20.52	48.65	4.83	Peak	---	---
3	5427.00	41.61	54.00	-12.39	36.47	5.14	Average	---	---
4	5427.00	54.43	74.00	-19.57	49.29	5.14	Peak	---	---
5	11510.00	42.18	54.00	-11.82	27.22	14.96	Average	---	---
6	11510.00	55.48	74.00	-18.52	40.52	14.96	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	1



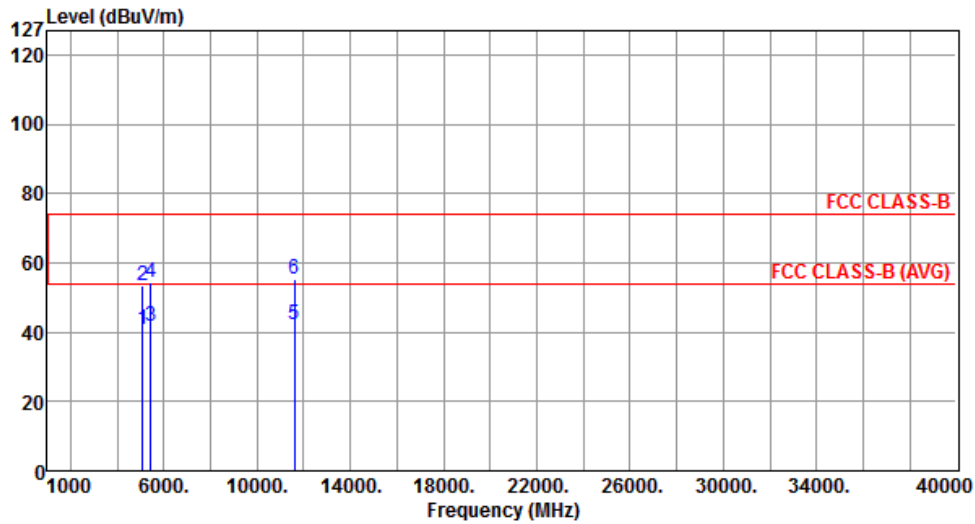
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.11	54.00	-9.89	39.28	4.83	Average	---	---
2	5097.00	56.67	74.00	-17.33	51.84	4.83	Peak	---	---
3	5427.00	45.48	54.00	-8.52	40.34	5.14	Average	---	---
4	5427.00	58.72	74.00	-15.28	53.58	5.14	Peak	---	---
5	11510.00	51.15	54.00	-2.85	36.19	14.96	Average	---	---
6	11510.00	62.98	74.00	-11.02	48.02	14.96	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	1



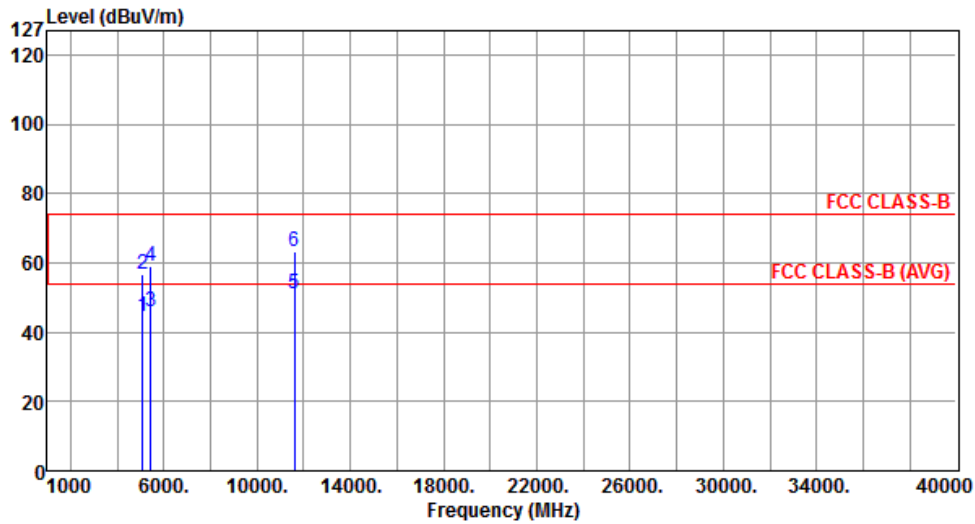
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	40.85	54.00	-13.15	36.02	4.83	Average	---	---
2	5097.00	53.57	74.00	-20.43	48.74	4.83	Peak	---	---
3	5427.00	41.65	54.00	-12.35	36.51	5.14	Average	---	---
4	5427.00	54.58	74.00	-19.42	49.44	5.14	Peak	---	---
5	11590.00	42.31	54.00	-11.69	27.47	14.84	Average	---	---
6	11590.00	55.53	74.00	-18.47	40.69	14.84	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	1



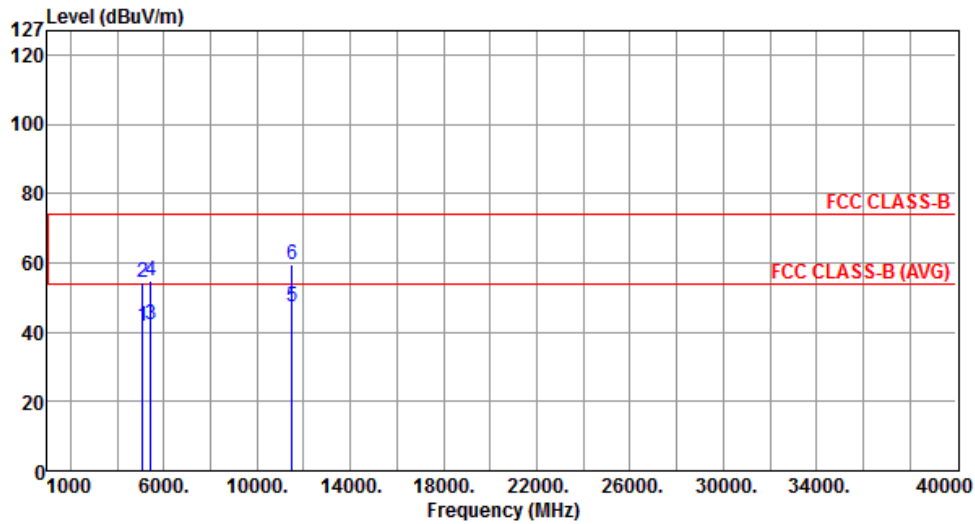
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.55	54.00	-9.45	39.72	4.83	Average	---	---
2	5097.00	56.78	74.00	-17.22	51.95	4.83	Peak	---	---
3	5427.00	45.88	54.00	-8.12	40.74	5.14	Average	---	---
4	5427.00	58.82	74.00	-15.18	53.68	5.14	Peak	---	---
5	11590.00	51.04	54.00	-2.96	36.20	14.84	Average	---	---
6	11590.00	63.22	74.00	-10.78	48.38	14.84	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	2



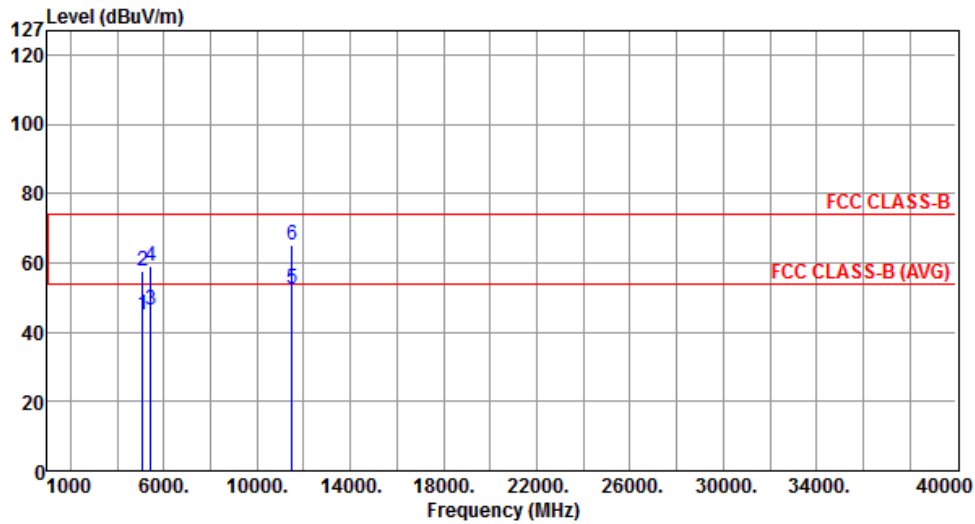
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.66	54.00	-12.34	36.83	4.83	Average	---	---
2	5097.00	54.35	74.00	-19.65	49.52	4.83	Peak	---	---
3	5427.00	42.14	54.00	-11.86	37.00	5.14	Average	---	---
4	5427.00	54.97	74.00	-19.03	49.83	5.14	Peak	---	---
5	11510.00	47.32	54.00	-6.68	32.36	14.96	Average	---	---
6	11510.00	59.67	74.00	-14.33	44.71	14.96	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	2



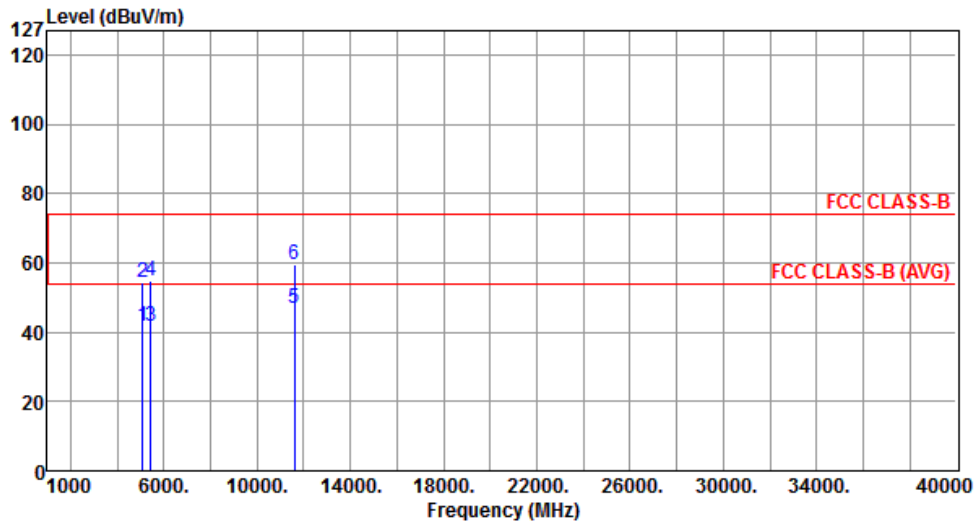
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.15	54.00	-8.85	40.32	4.83	Average	---	---
2	5097.00	57.67	74.00	-16.33	52.84	4.83	Peak	---	---
3	5427.00	46.41	54.00	-7.59	41.27	5.14	Average	---	---
4	5427.00	59.18	74.00	-14.82	54.04	5.14	Peak	---	---
5	11510.00	52.63	54.00	-1.37	37.67	14.96	Average	---	---
6	11510.00	65.15	74.00	-8.85	50.19	14.96	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	2



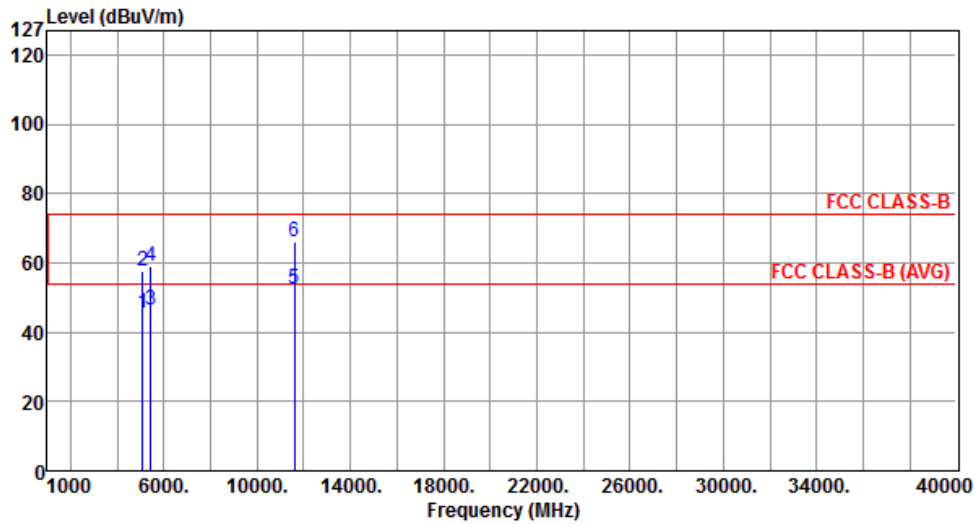
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.57	54.00	-12.43	36.74	4.83	Average	---	---
2	5097.00	54.22	74.00	-19.78	49.39	4.83	Peak	---	---
3	5427.00	41.89	54.00	-12.11	36.75	5.14	Average	---	---
4	5427.00	54.88	74.00	-19.12	49.74	5.14	Peak	---	---
5	11590.00	47.06	54.00	-6.94	32.22	14.84	Average	---	---
6	11590.00	59.47	74.00	-14.53	44.63	14.84	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	2



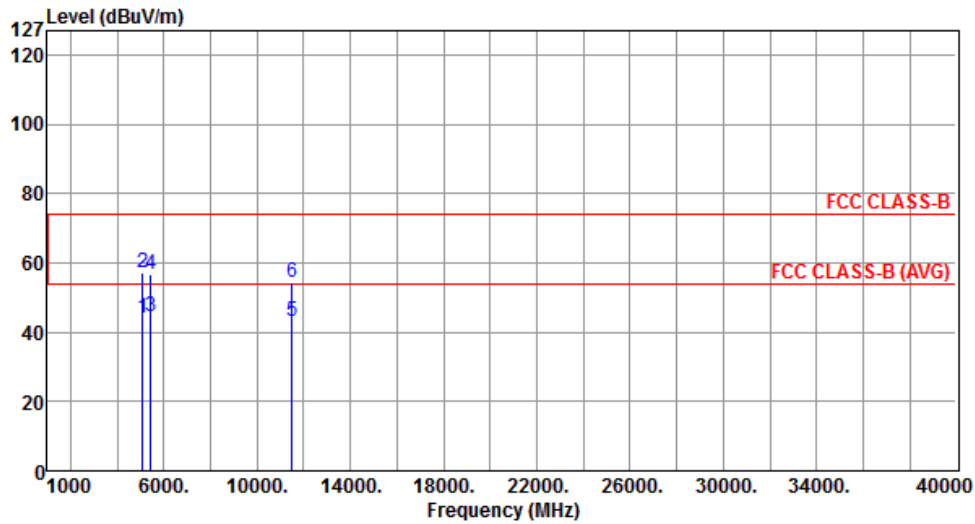
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.23	54.00	-8.77	40.40	4.83	Average	---	---
2	5097.00	57.82	74.00	-16.18	52.99	4.83	Peak	---	---
3	5427.00	46.23	54.00	-7.77	41.09	5.14	Average	---	---
4	5427.00	58.88	74.00	-15.12	53.74	5.14	Peak	---	---
5	11590.00	52.66	54.00	-1.34	37.82	14.84	Average	---	---
6	11590.00	66.23	74.00	-7.77	51.39	14.84	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	3



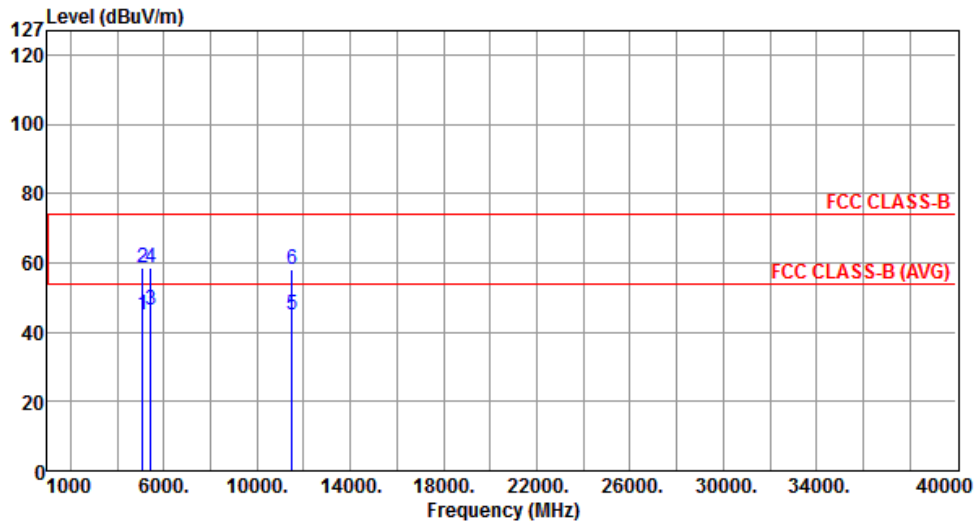
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.04	54.00	-9.96	39.21	4.83	Average	---	---
2	5097.00	57.27	74.00	-16.73	52.44	4.83	Peak	---	---
3	5427.00	44.50	54.00	-9.50	39.36	5.14	Average	---	---
4	5427.00	56.73	74.00	-17.27	51.59	5.14	Peak	---	---
5	11510.00	42.91	54.00	-11.09	27.95	14.96	Average	---	---
6	11510.00	54.42	74.00	-19.58	39.46	14.96	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	3



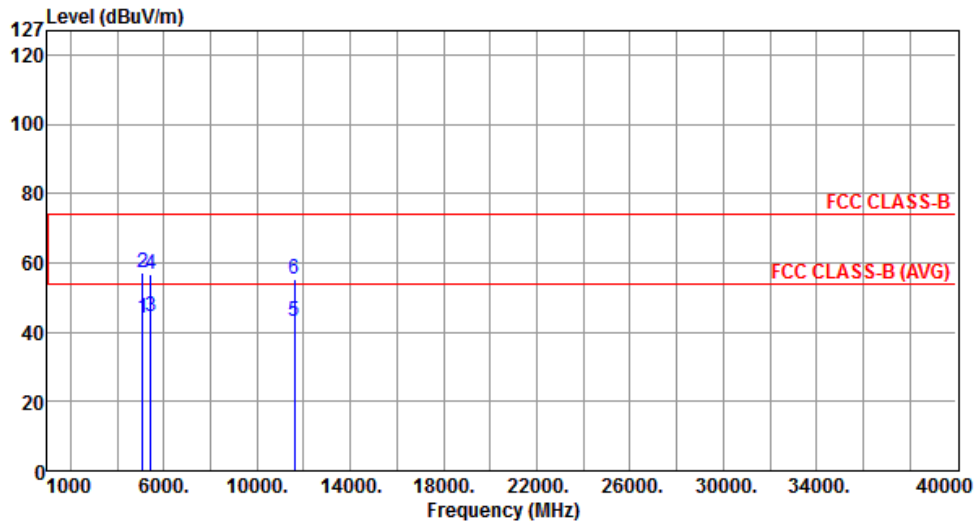
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.05	54.00	-8.95	40.22	4.83	Average	---	---
2	5097.00	58.42	74.00	-15.58	53.59	4.83	Peak	---	---
3	5427.00	46.45	54.00	-7.55	41.31	5.14	Average	---	---
4	5427.00	58.66	74.00	-15.34	53.52	5.14	Peak	---	---
5	11510.00	44.79	54.00	-9.21	29.83	14.96	Average	---	---
6	11510.00	58.00	74.00	-16.00	43.04	14.96	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	3



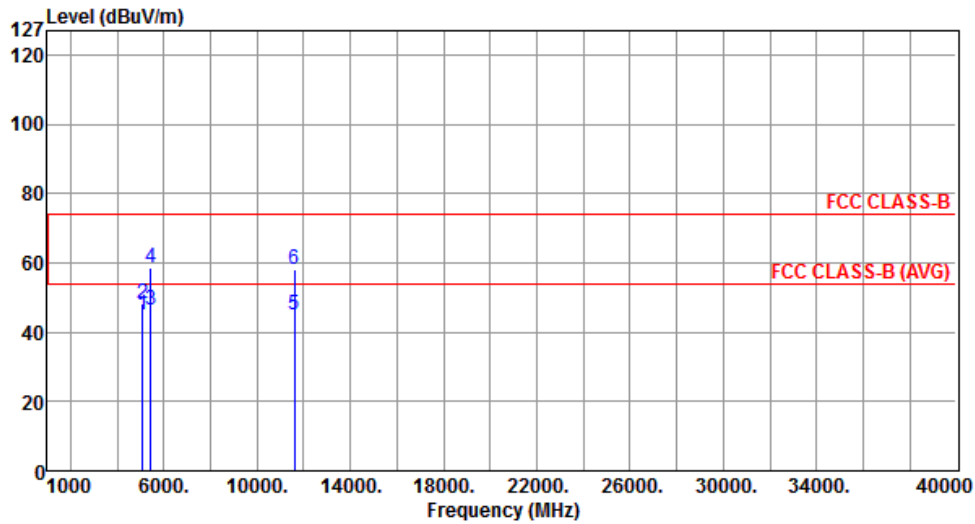
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.17	54.00	-9.83	39.34	4.83	Average	---	---
2	5097.00	57.30	74.00	-16.70	52.47	4.83	Peak	---	---
3	5427.00	44.72	54.00	-9.28	39.58	5.14	Average	---	---
4	5427.00	56.81	74.00	-17.19	51.67	5.14	Peak	---	---
5	11590.00	43.06	54.00	-10.94	28.22	14.84	Average	---	---
6	11590.00	55.09	74.00	-18.91	40.25	14.84	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	3



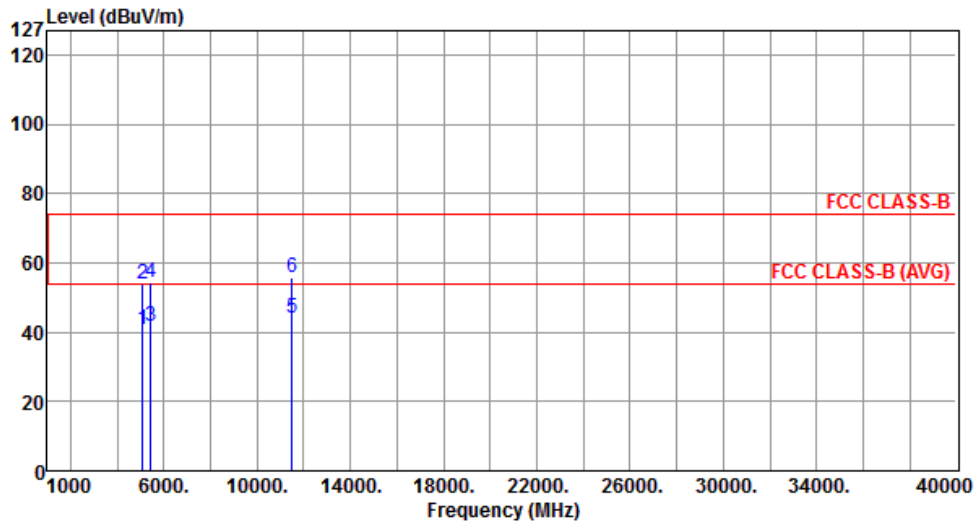
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.13	54.00	-8.87	40.30	4.83	Average	---	---
2	5097.00	48.30	74.00	-25.70	43.47	4.83	Peak	---	---
3	5427.00	46.39	54.00	-7.61	41.25	5.14	Average	---	---
4	5427.00	58.58	74.00	-15.42	53.44	5.14	Peak	---	---
5	11590.00	44.80	54.00	-9.20	29.96	14.84	Average	---	---
6	11590.00	58.12	74.00	-15.88	43.28	14.84	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	4



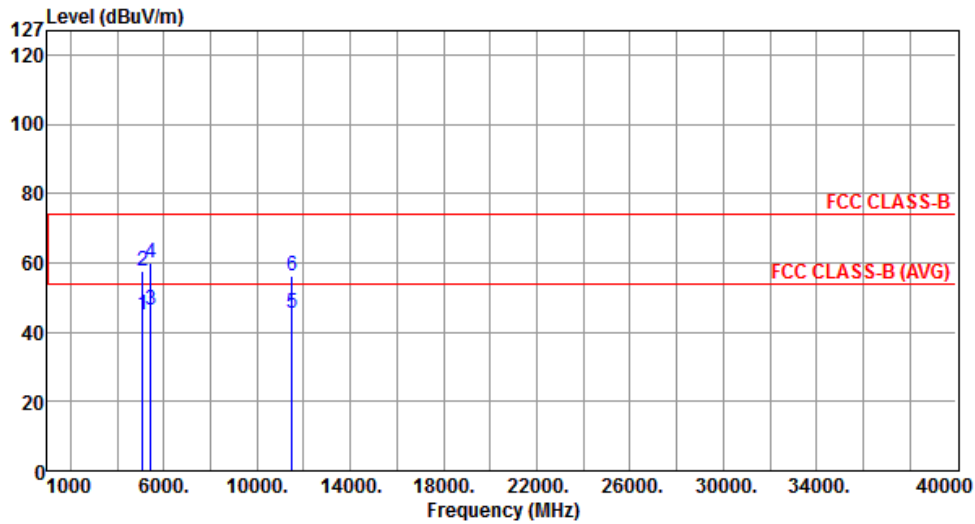
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	40.96	54.00	-13.04	36.13	4.83	Average	---	---
2	5097.00	53.72	74.00	-20.28	48.89	4.83	Peak	---	---
3	5427.00	41.69	54.00	-12.31	36.55	5.14	Average	---	---
4	5427.00	54.58	74.00	-19.42	49.44	5.14	Peak	---	---
5	11510.00	44.12	54.00	-9.88	29.16	14.96	Average	---	---
6	11510.00	55.60	74.00	-18.40	40.64	14.96	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	4



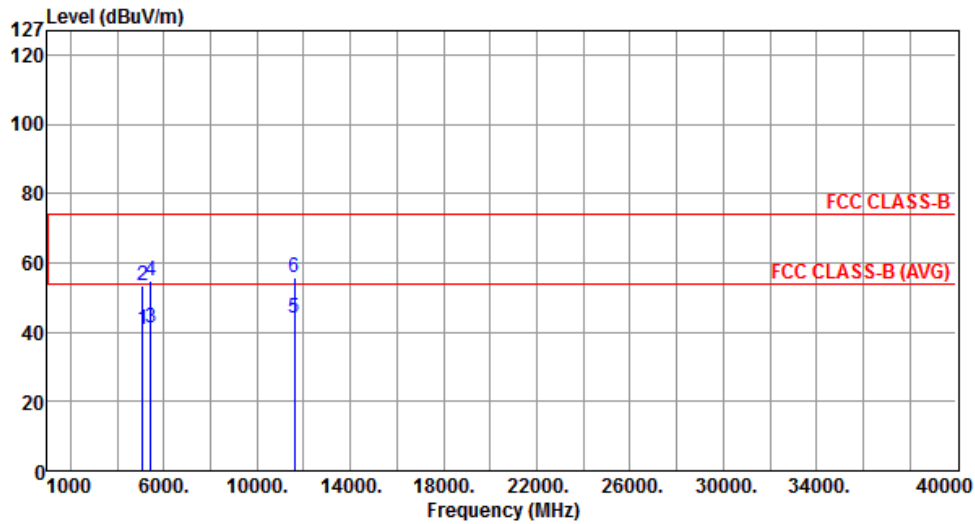
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.02	54.00	-8.98	40.19	4.83	Average	---	---
2	5097.00	57.41	74.00	-16.59	52.58	4.83	Peak	---	---
3	5427.00	46.49	54.00	-7.51	41.35	5.14	Average	---	---
4	5427.00	59.78	74.00	-14.22	54.64	5.14	Peak	---	---
5	11510.00	45.34	54.00	-8.66	30.38	14.96	Average	---	---
6	11510.00	56.29	74.00	-17.71	41.33	14.96	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	4



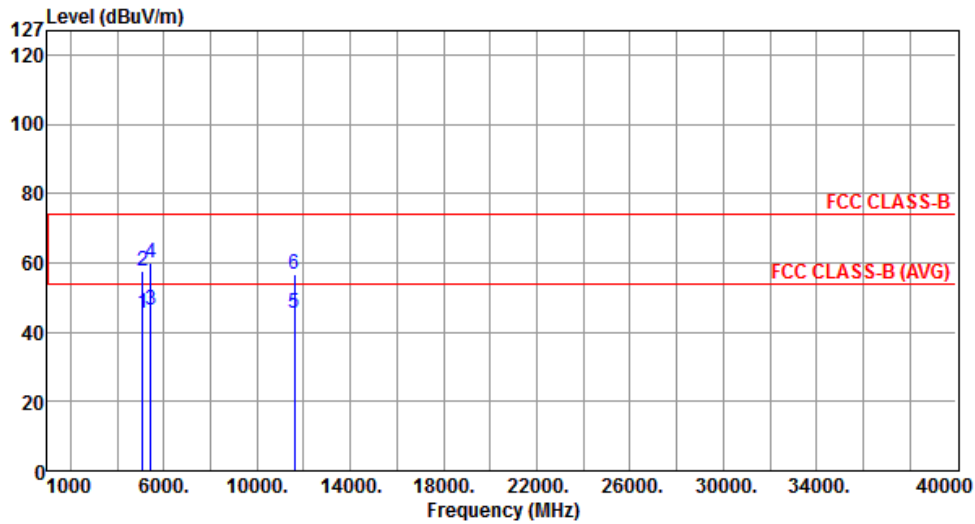
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	40.58	54.00	-13.42	35.75	4.83	Average	---	---
2	5097.00	53.64	74.00	-20.36	48.81	4.83	Peak	---	---
3	5427.00	41.38	54.00	-12.62	36.24	5.14	Average	---	---
4	5427.00	54.62	74.00	-19.38	49.48	5.14	Peak	---	---
5	11590.00	44.25	54.00	-9.75	29.41	14.84	Average	---	---
6	11590.00	55.80	74.00	-18.20	40.96	14.84	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	4



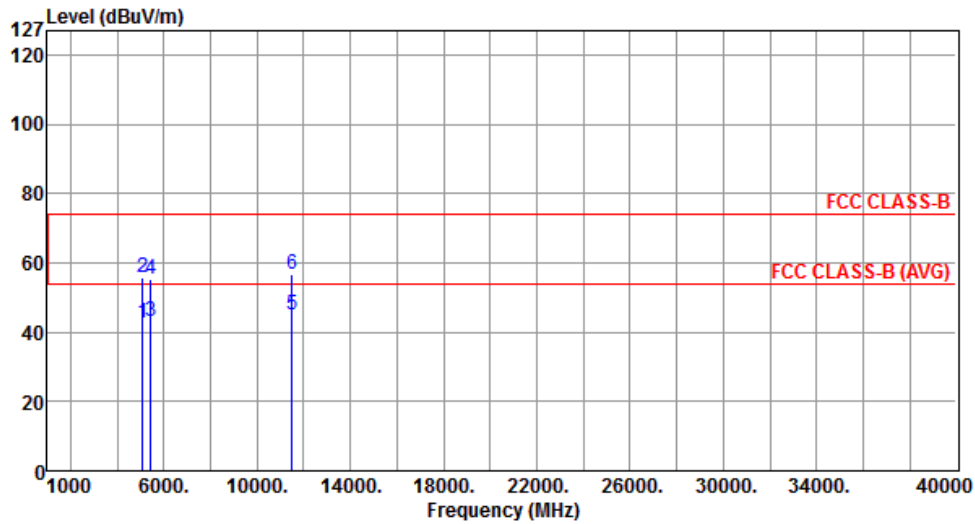
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.43	54.00	-8.57	40.60	4.83	Average	---	---
2	5097.00	57.50	74.00	-16.50	52.67	4.83	Peak	---	---
3	5427.00	46.56	54.00	-7.44	41.42	5.14	Average	---	---
4	5427.00	59.99	74.00	-14.01	54.85	5.14	Peak	---	---
5	11590.00	45.35	54.00	-8.65	30.51	14.84	Average	---	---
6	11590.00	56.52	74.00	-17.48	41.68	14.84	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	5



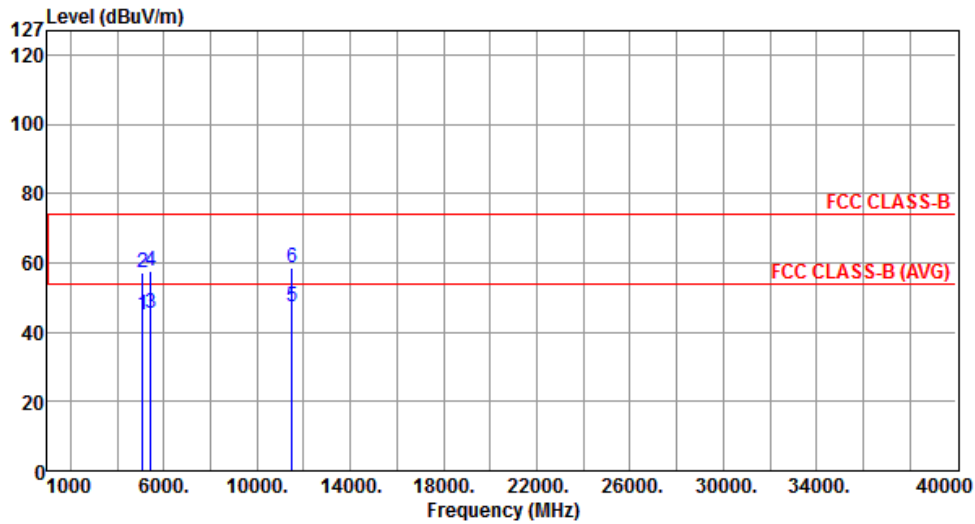
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.79	54.00	-11.21	37.96	4.83	Average	---	---
2	5097.00	55.69	74.00	-18.31	50.86	4.83	Peak	---	---
3	5427.00	43.30	54.00	-10.70	38.16	5.14	Average	---	---
4	5427.00	55.23	74.00	-18.77	50.09	5.14	Peak	---	---
5	11510.00	44.84	54.00	-9.16	29.88	14.96	Average	---	---
6	11510.00	56.79	74.00	-17.21	41.83	14.96	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	5



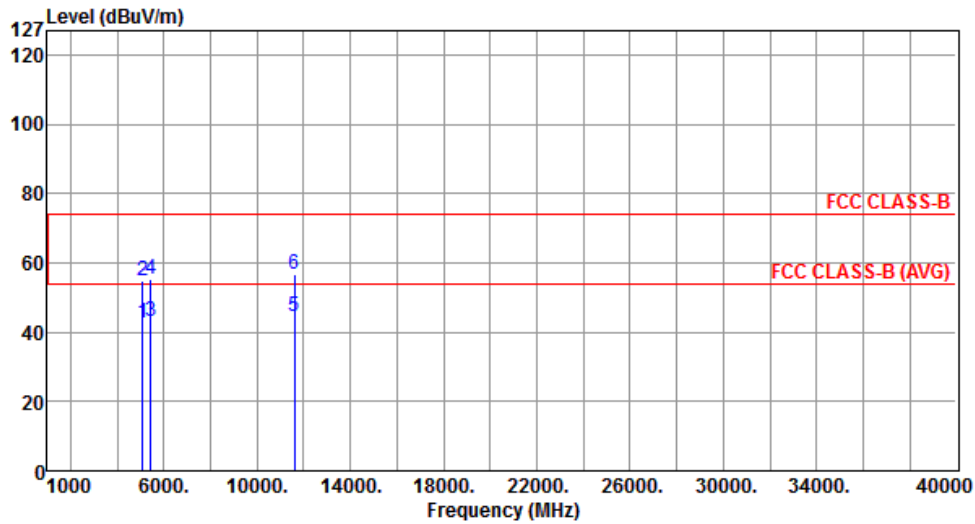
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.15	54.00	-8.85	40.32	4.83	Average	---	---
2	5097.00	57.40	74.00	-16.60	52.57	4.83	Peak	---	---
3	5427.00	45.26	54.00	-8.74	40.12	5.14	Average	---	---
4	5427.00	57.63	74.00	-16.37	52.49	5.14	Peak	---	---
5	11510.00	47.20	54.00	-6.80	32.24	14.96	Average	---	---
6	11510.00	58.64	74.00	-15.36	43.68	14.96	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	5



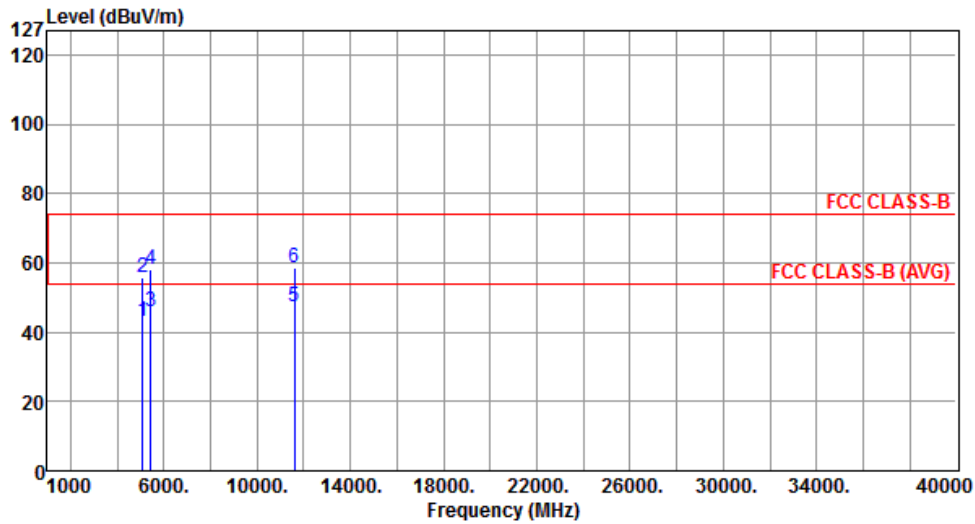
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.74	54.00	-11.26	37.91	4.83	Average	---	---
2	5097.00	54.61	74.00	-19.39	49.78	4.83	Peak	---	---
3	5427.00	42.98	54.00	-11.02	37.84	5.14	Average	---	---
4	5427.00	55.13	74.00	-18.87	49.99	5.14	Peak	---	---
5	11590.00	44.48	54.00	-9.52	29.64	14.84	Average	---	---
6	11590.00	56.79	74.00	-17.21	41.95	14.84	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	5



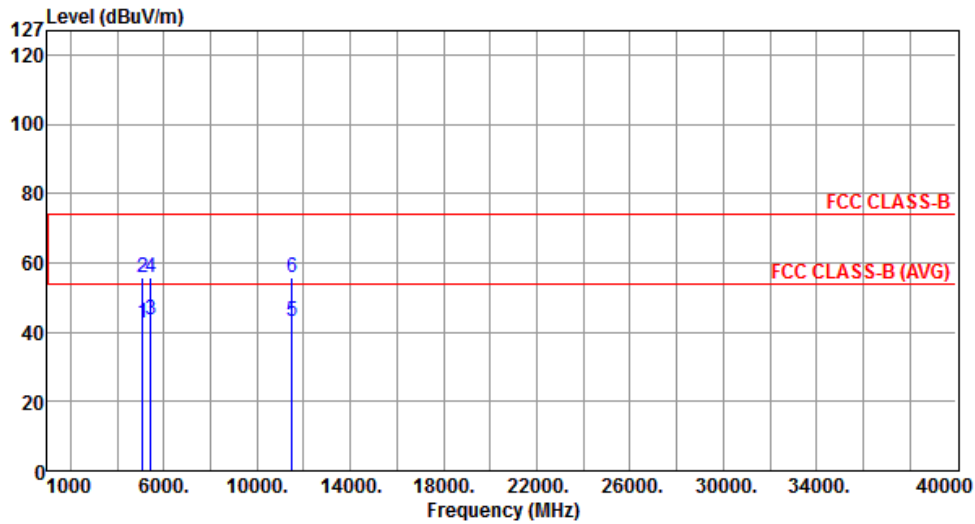
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	43.05	54.00	-10.95	38.22	4.83	Average	---	---
2	5097.00	55.66	74.00	-18.34	50.83	4.83	Peak	---	---
3	5427.00	45.77	54.00	-8.23	40.63	5.14	Average	---	---
4	5427.00	58.32	74.00	-15.68	53.18	5.14	Peak	---	---
5	11590.00	47.55	54.00	-6.45	32.71	14.84	Average	---	---
6	11590.00	58.39	74.00	-15.61	43.55	14.84	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Horizontal	Test Configuration	6



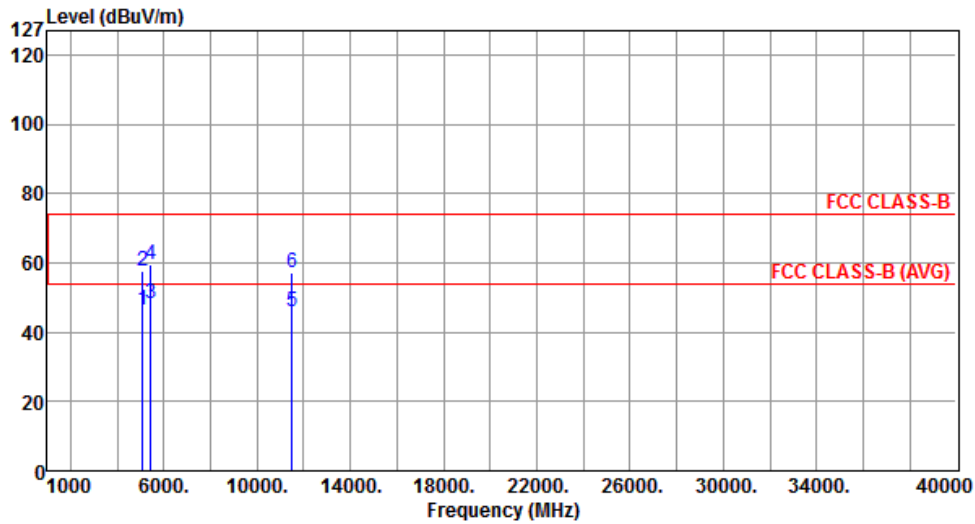
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.72	54.00	-11.28	37.89	4.83	Average	---	---
2	5097.00	55.56	74.00	-18.44	50.73	4.83	Peak	---	---
3	5427.00	43.56	54.00	-10.44	38.42	5.14	Average	---	---
4	5427.00	55.78	74.00	-18.22	50.64	5.14	Peak	---	---
5	11510.00	43.18	54.00	-10.82	28.22	14.96	Average	---	---
6	11510.00	55.58	74.00	-18.42	40.62	14.96	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5755
Polarization	Vertical	Test Configuration	6



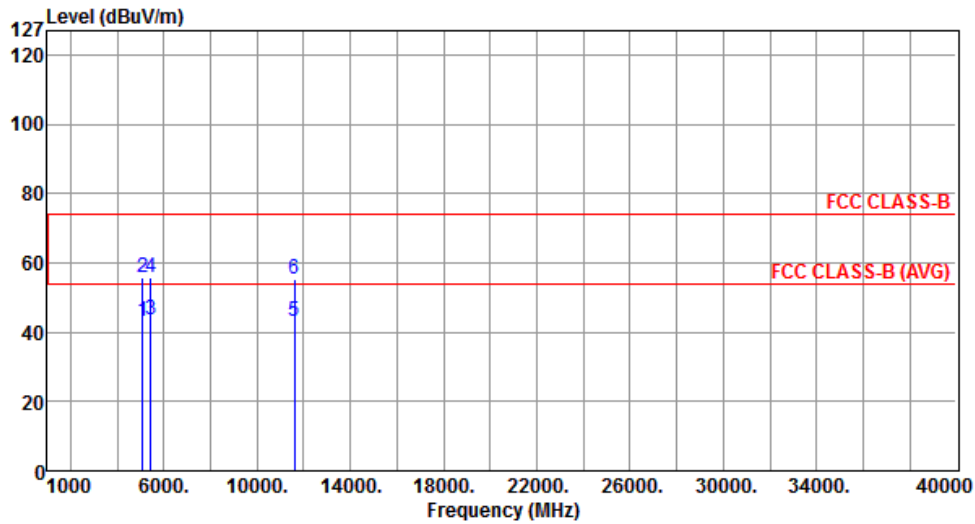
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.56	54.00	-7.44	41.73	4.83	Average	---	---
2	5097.00	57.78	74.00	-16.22	52.95	4.83	Peak	---	---
3	5427.00	48.47	54.00	-5.53	43.33	5.14	Average	---	---
4	5427.00	59.40	74.00	-14.60	54.26	5.14	Peak	---	---
5	11510.00	46.03	54.00	-7.97	31.07	14.96	Average	---	---
6	11510.00	57.33	74.00	-16.67	42.37	14.96	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Horizontal	Test Configuration	6



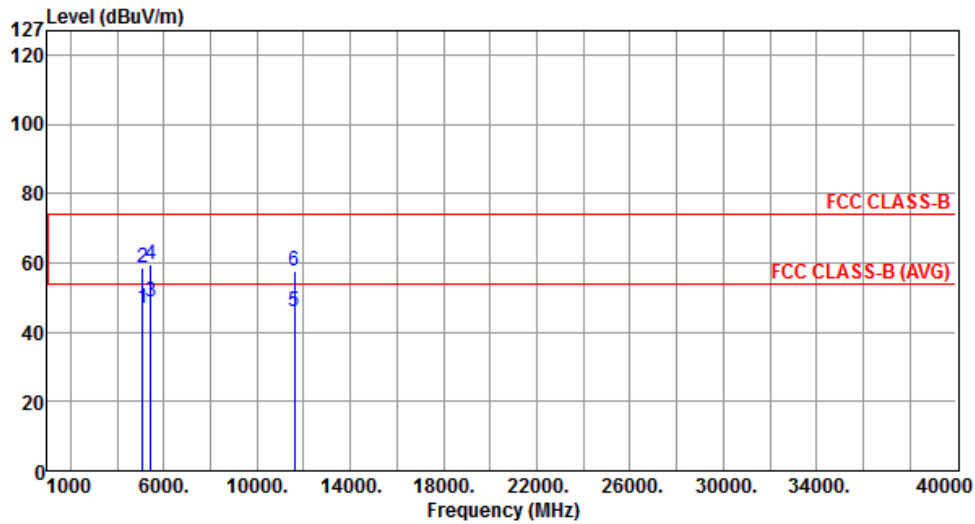
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.98	54.00	-11.02	38.15	4.83	Average	---	---
2	5097.00	55.65	74.00	-18.35	50.82	4.83	Peak	---	---
3	5427.00	43.78	54.00	-10.22	38.64	5.14	Average	---	---
4	5427.00	55.55	74.00	-18.45	50.41	5.14	Peak	---	---
5	11590.00	43.25	54.00	-10.75	28.41	14.84	Average	---	---
6	11590.00	55.46	74.00	-18.54	40.62	14.84	Peak	---	---

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).

Modulation	VHT40	Test Freq. (MHz)	5795
Polarization	Vertical	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.67	54.00	-7.33	41.84	4.83	Average	---	---
2	5097.00	58.46	74.00	-15.54	53.63	4.83	Peak	---	---
3	5427.00	48.68	54.00	-5.32	43.54	5.14	Average	---	---
4	5427.00	59.69	74.00	-14.31	54.55	5.14	Peak	---	---
5	11590.00	46.09	54.00	-7.91	31.25	14.84	Average	---	---
6	11590.00	57.64	74.00	-16.36	42.80	14.84	Peak	---	---

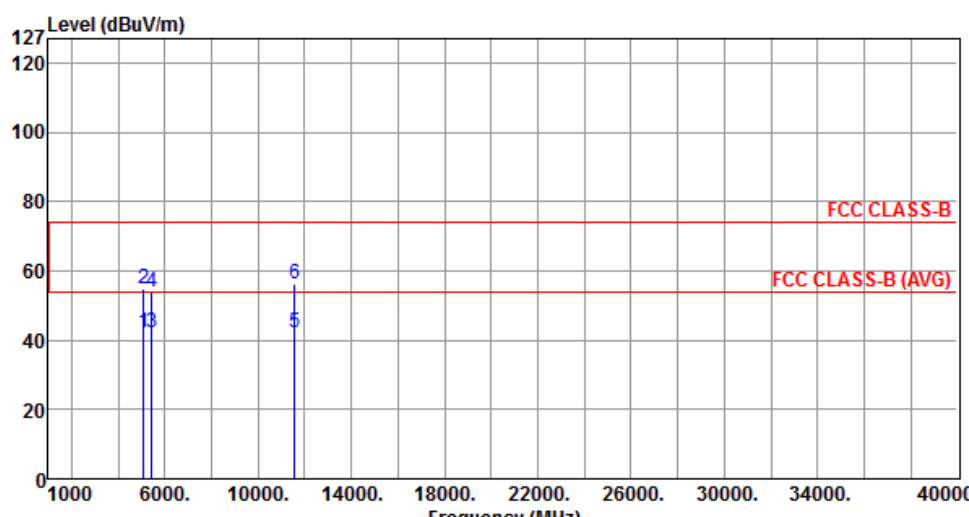
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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

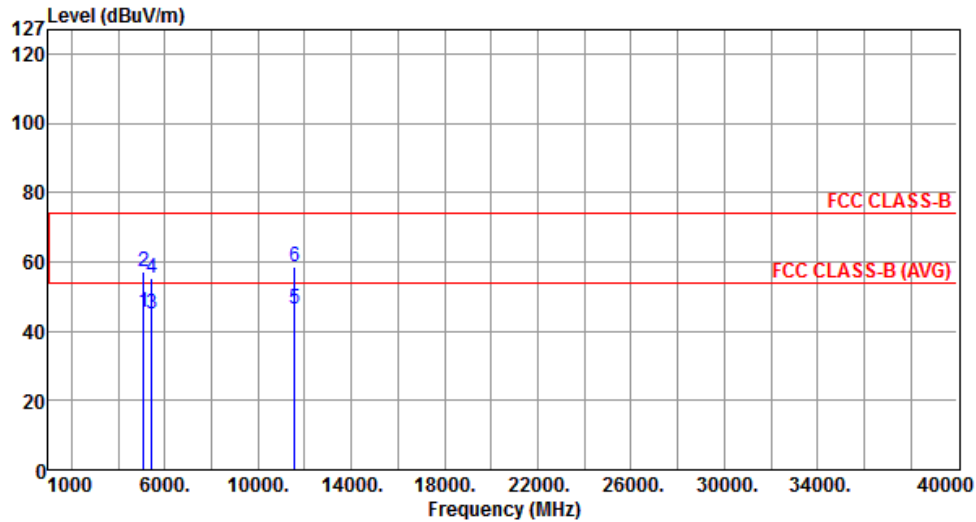
Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal	Test Configuration	1



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.04	54.00	-11.96	37.21	4.83	Average	---	---
2	5097.00	54.72	74.00	-19.28	49.89	4.83	Peak	---	---
3	5427.00	42.20	54.00	-11.80	37.06	5.14	Average	---	---
4	5427.00	54.13	74.00	-19.87	48.99	5.14	Peak	---	---
5	11550.00	42.28	54.00	-11.72	27.38	14.90	Average	---	---
6	11550.00	56.25	74.00	-17.75	41.35	14.90	Peak	---	---

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).

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical	Test Configuration	1



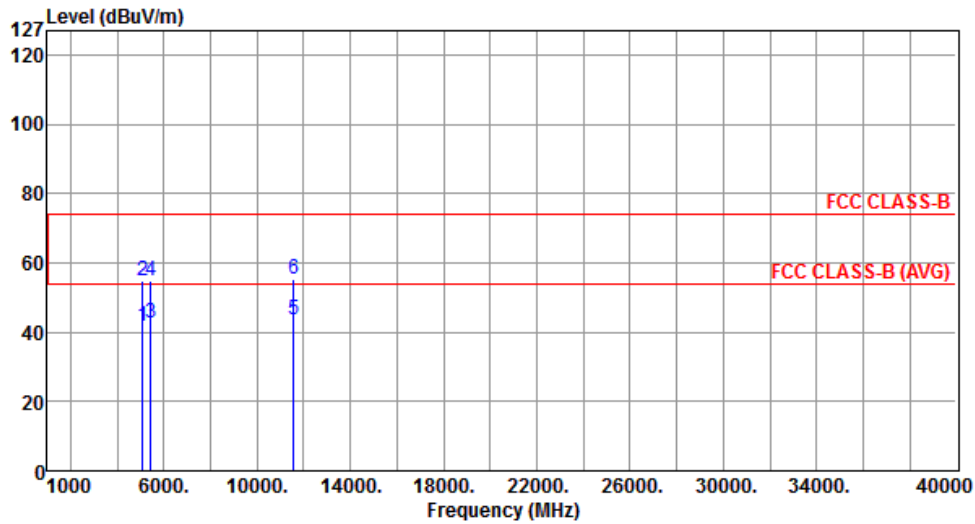
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.23	54.00	-8.77	40.40	4.83	Average	---	---
2	5097.00	57.09	74.00	-16.91	52.26	4.83	Peak	---	---
3	5427.00	45.01	54.00	-8.99	39.87	5.14	Average	---	---
4	5427.00	55.49	74.00	-18.51	50.35	5.14	Peak	---	---
5	11550.00	46.25	54.00	-7.75	31.35	14.90	Average	---	---
6	11550.00	58.72	74.00	-15.28	43.82	14.90	Peak	---	---

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).

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal	Test Configuration	2



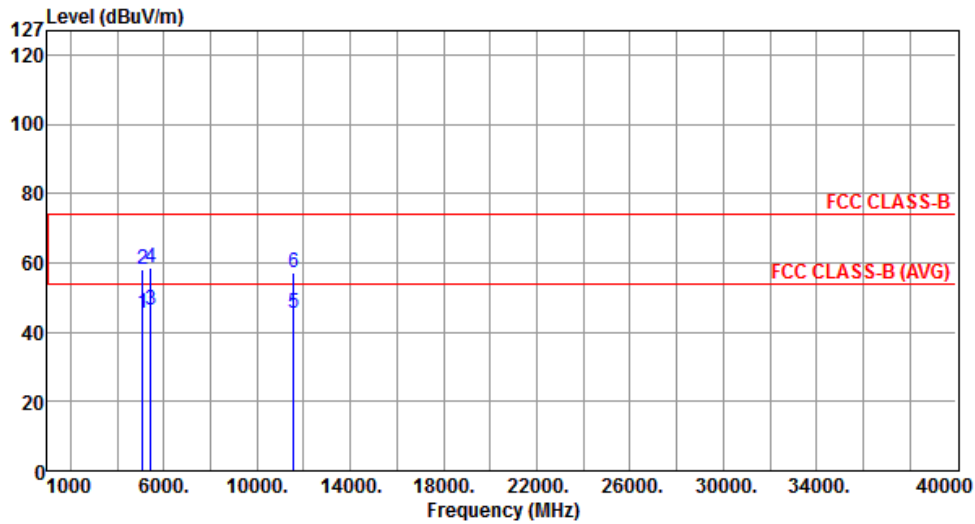
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	41.86	54.00	-12.14	37.03	4.83	Average	---	---
2	5097.00	54.61	74.00	-19.39	49.78	4.83	Peak	---	---
3	5427.00	42.56	54.00	-11.44	37.42	5.14	Average	---	---
4	5427.00	54.74	74.00	-19.26	49.60	5.14	Peak	---	---
5	11550.00	43.38	54.00	-10.62	28.48	14.90	Average	---	---
6	11550.00	55.27	74.00	-18.73	40.37	14.90	Peak	---	---

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).

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical	Test Configuration	2



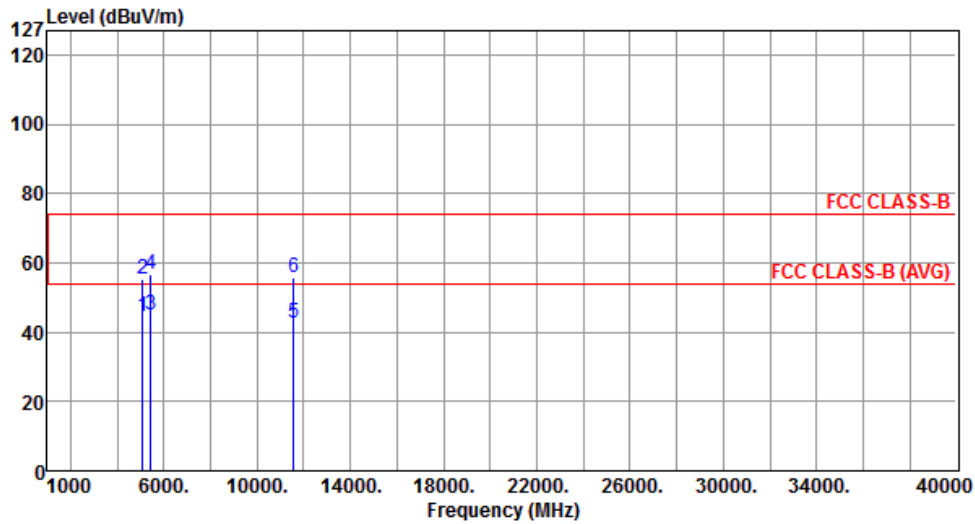
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	45.44	54.00	-8.56	40.61	4.83	Average	---	---
2	5097.00	58.24	74.00	-15.76	53.41	4.83	Peak	---	---
3	5427.00	46.19	54.00	-7.81	41.05	5.14	Average	---	---
4	5427.00	58.53	74.00	-15.47	53.39	5.14	Peak	---	---
5	11550.00	45.26	54.00	-8.74	30.36	14.90	Average	---	---
6	11550.00	57.01	74.00	-16.99	42.11	14.90	Peak	---	---

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).

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal	Test Configuration	3



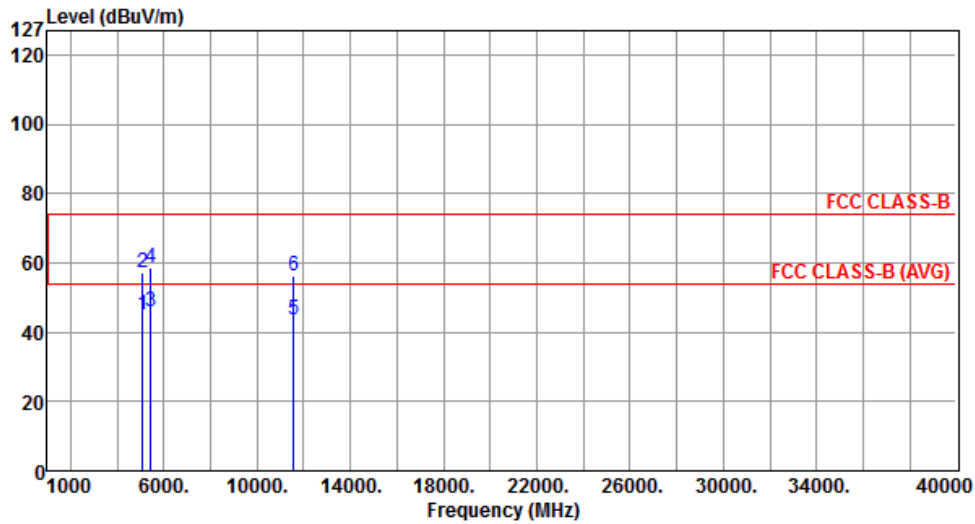
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.33	54.00	-9.67	39.50	4.83	Average	---	---
2	5097.00	55.30	74.00	-18.70	50.47	4.83	Peak	---	---
3	5427.00	45.17	54.00	-8.83	40.03	5.14	Average	---	---
4	5427.00	56.72	74.00	-17.28	51.58	5.14	Peak	---	---
5	11550.00	42.85	54.00	-11.15	27.95	14.90	Average	---	---
6	11550.00	55.71	74.00	-18.29	40.81	14.90	Peak	---	---

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).

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical	Test Configuration	3



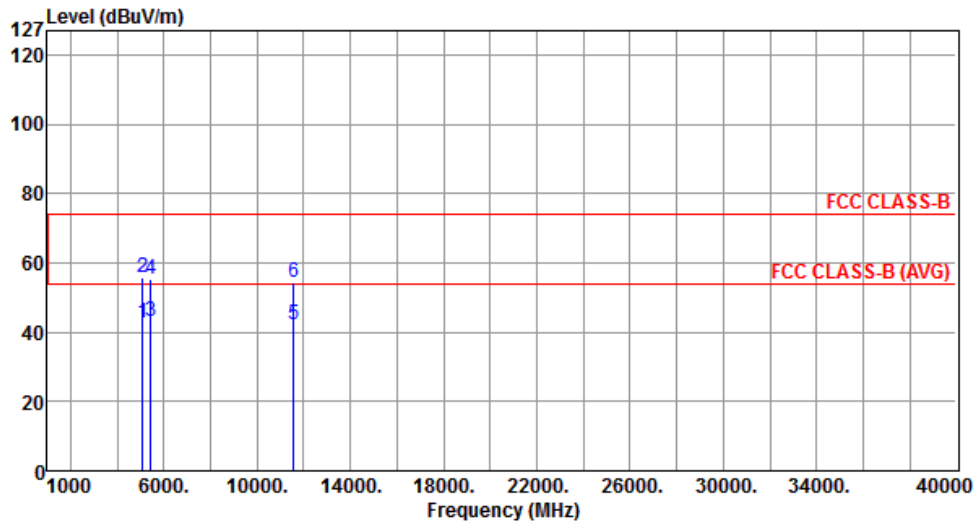
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.98	54.00	-9.02	40.15	4.83	Average	---	---
2	5097.00	57.14	74.00	-16.86	52.31	4.83	Peak	---	---
3	5427.00	46.16	54.00	-7.84	41.02	5.14	Average	---	---
4	5427.00	58.60	74.00	-15.40	53.46	5.14	Peak	---	---
5	11550.00	43.55	54.00	-10.45	28.65	14.90	Average	---	---
6	11550.00	56.28	74.00	-17.72	41.38	14.90	Peak	---	---

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).

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal	Test Configuration	4



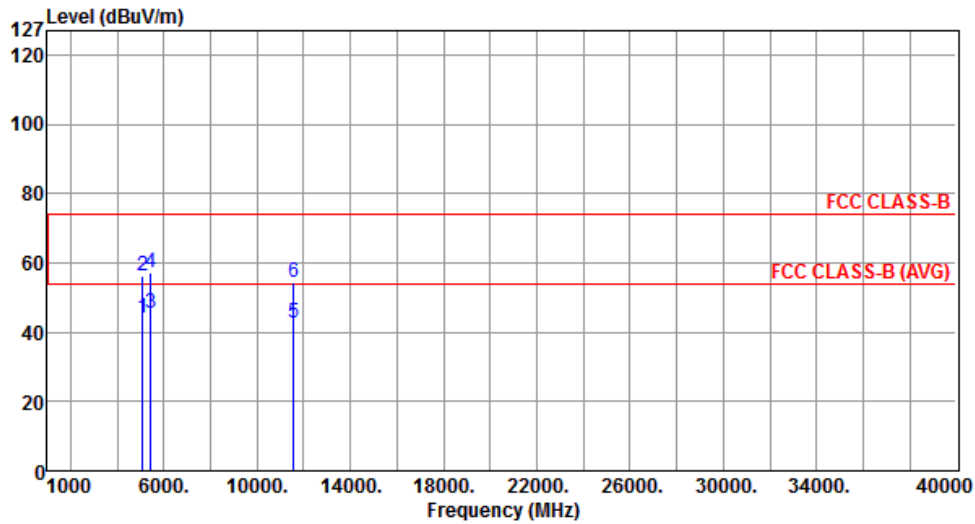
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	42.86	54.00	-11.14	38.03	4.83	Average	---	---
2	5097.00	55.57	74.00	-18.43	50.74	4.83	Peak	---	---
3	5427.00	43.10	54.00	-10.90	37.96	5.14	Average	---	---
4	5427.00	55.25	74.00	-18.75	50.11	5.14	Peak	---	---
5	11550.00	42.38	54.00	-11.62	27.48	14.90	Average	---	---
6	11550.00	54.57	74.00	-19.43	39.67	14.90	Peak	---	---

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).

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical	Test Configuration	4



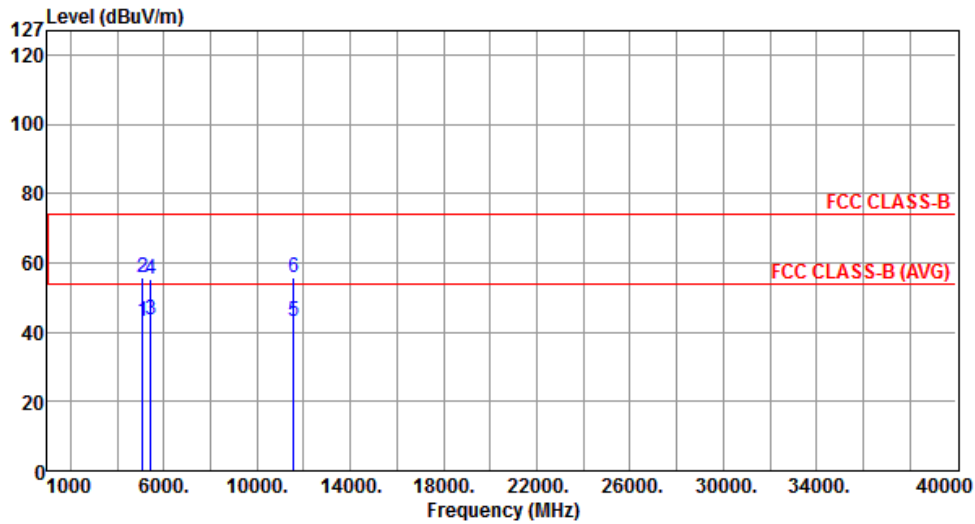
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.05	54.00	-9.95	39.22	4.83	Average	---	---
2	5097.00	56.05	74.00	-17.95	51.22	4.83	Peak	---	---
3	5427.00	45.43	54.00	-8.57	40.29	5.14	Average	---	---
4	5427.00	57.32	74.00	-16.68	52.18	5.14	Peak	---	---
5	11550.00	42.55	54.00	-11.45	27.65	14.90	Average	---	---
6	11550.00	54.45	74.00	-19.55	39.55	14.90	Peak	---	---

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).

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal	Test Configuration	5



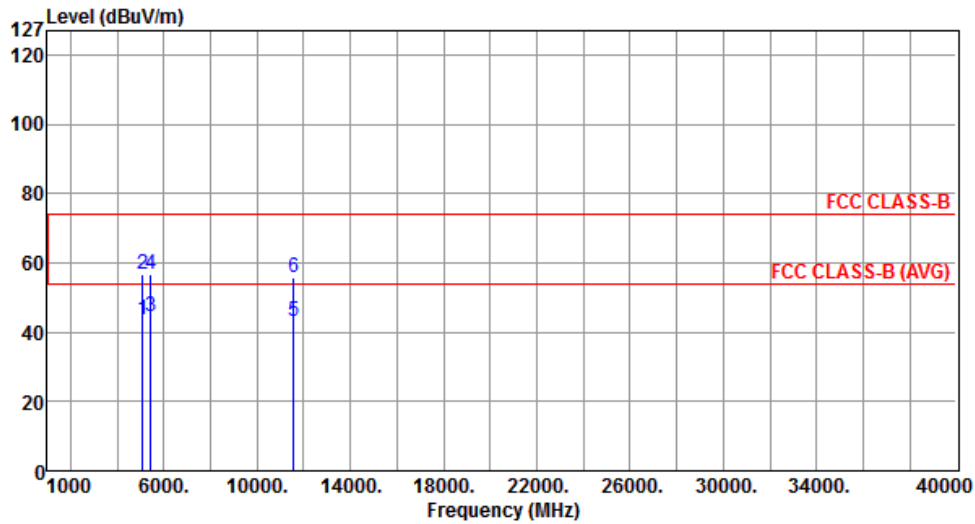
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	43.34	54.00	-10.66	38.51	4.83	Average	---	---
2	5097.00	55.82	74.00	-18.18	50.99	4.83	Peak	---	---
3	5427.00	43.68	54.00	-10.32	38.54	5.14	Average	---	---
4	5427.00	55.12	74.00	-18.88	49.98	5.14	Peak	---	---
5	11550.00	43.32	54.00	-10.68	28.42	14.90	Average	---	---
6	11550.00	55.54	74.00	-18.46	40.64	14.90	Peak	---	---

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).

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical	Test Configuration	5



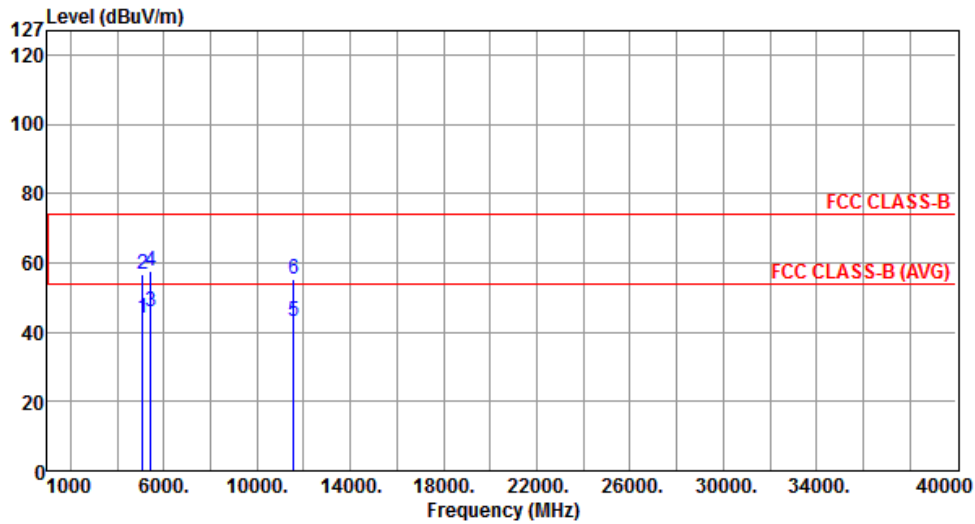
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	43.61	54.00	-10.39	38.78	4.83	Average	---	---
2	5097.00	56.63	74.00	-17.37	51.80	4.83	Peak	---	---
3	5427.00	44.65	54.00	-9.35	39.51	5.14	Average	---	---
4	5427.00	56.91	74.00	-17.09	51.77	5.14	Peak	---	---
5	11550.00	43.12	54.00	-10.88	28.22	14.90	Average	---	---
6	11550.00	55.96	74.00	-18.04	41.06	14.90	Peak	---	---

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).

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Horizontal	Test Configuration	6



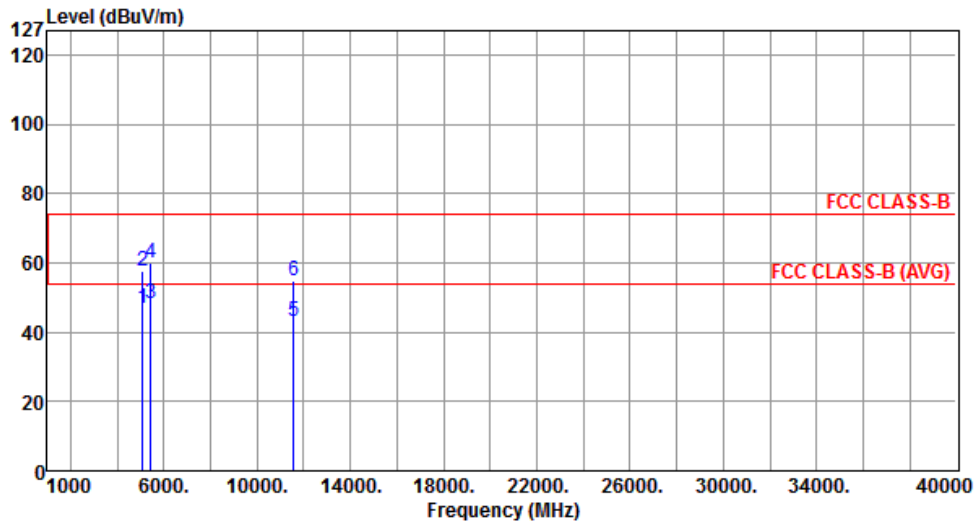
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	44.07	54.00	-9.93	39.24	4.83	Average	---	---
2	5097.00	56.86	74.00	-17.14	52.03	4.83	Peak	---	---
3	5427.00	45.78	54.00	-8.22	40.64	5.14	Average	---	---
4	5427.00	57.75	74.00	-16.25	52.61	5.14	Peak	---	---
5	11550.00	43.06	54.00	-10.94	28.16	14.90	Average	---	---
6	11550.00	55.23	74.00	-18.77	40.33	14.90	Peak	---	---

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).

Modulation	VHT80	Test Freq. (MHz)	5775
Polarization	Vertical	Test Configuration	6



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	5097.00	46.74	54.00	-7.26	41.91	4.83	Average	---	---
2	5097.00	57.72	74.00	-16.28	52.89	4.83	Peak	---	---
3	5427.00	48.22	54.00	-5.78	43.08	5.14	Average	---	---
4	5427.00	59.78	74.00	-14.22	54.64	5.14	Peak	---	---
5	11550.00	43.03	54.00	-10.97	28.13	14.90	Average	---	---
6	11550.00	54.77	74.00	-19.23	39.87	14.90	Peak	---	---

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).

3.6 Unwanted Emissions into Non-Restricted Frequency Bands

3.6.1 Limit of Unwanted Emissions into Non-Restricted Frequency Bands

- ☒ The peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz.
- ☐ The 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 Test Procedures

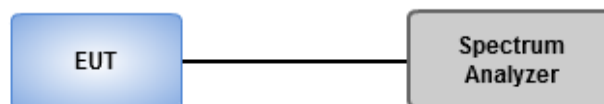
Reference Level Measurement

1. Set the RBW = 100 kHz, VBW = 300 kHz, Detector = peak.
2. Set Sweep time = auto couple, Trace mode = max hold.
3. Allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

Unwanted Emissions Level Measurement

1. Set RBW = 100 kHz, VBW = 300 kHz, Detector = peak.
2. Trace Mode = max hold, Sweep = auto couple.
3. Allow the trace to stabilize.
4. Use peak marker function to determine maximum amplitude of all unwanted emissions within any 100 kHz bandwidth.

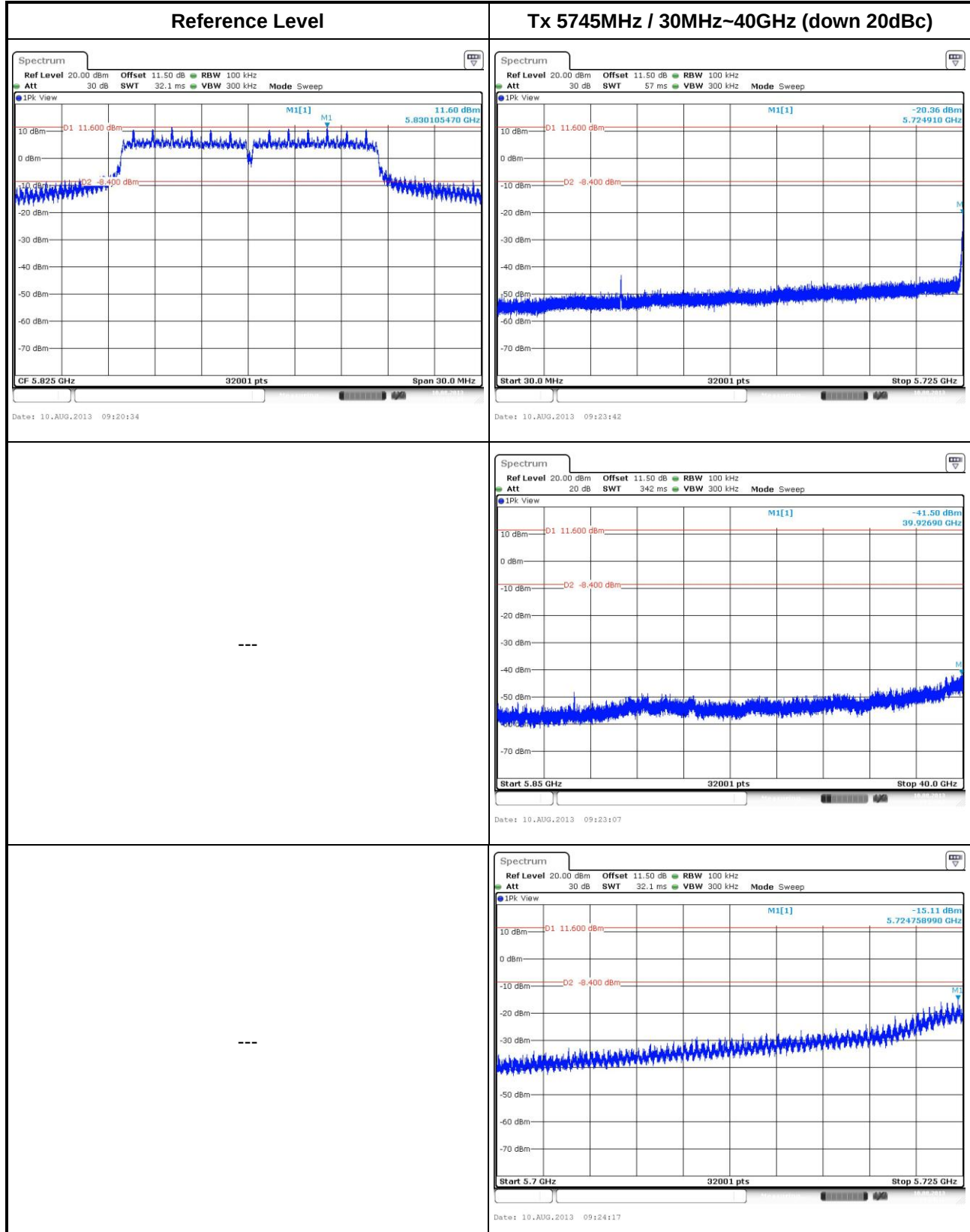
3.6.3 Test Setup



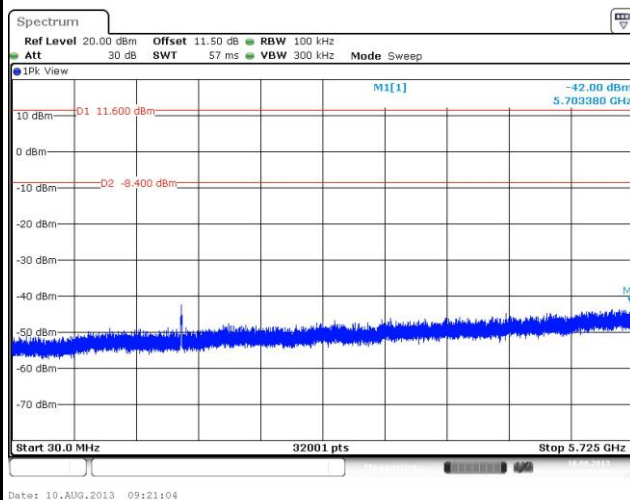
This test item is performed on each TX output individually without summing or adding $10 \log(N_{\text{ANT}})$ since measurements are made relative to the in-band emissions on the individual outputs. Only worst test result of each operating mode is presented.

3.6.4 Unwanted Emissions into Non-Restricted Frequency Bands_ Test Configuration 1

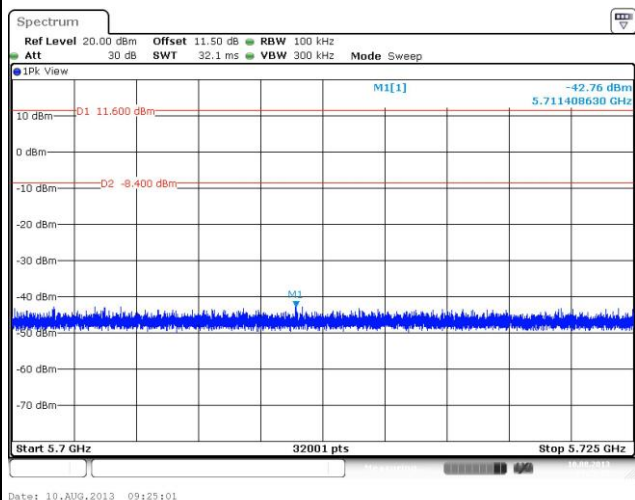
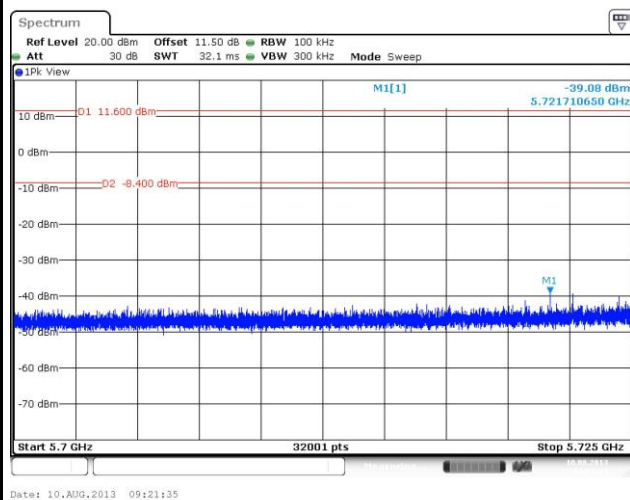
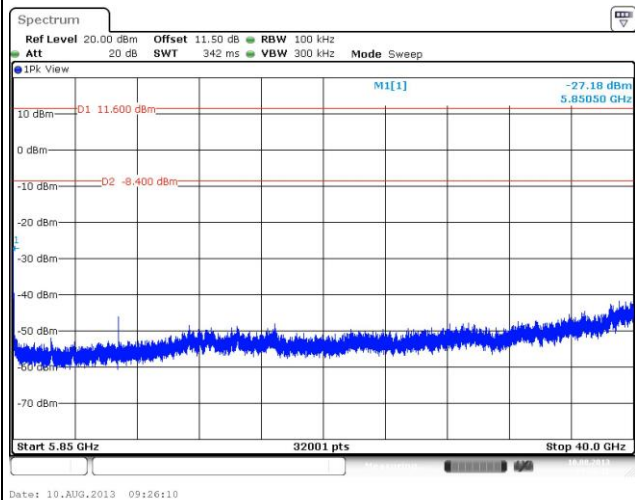
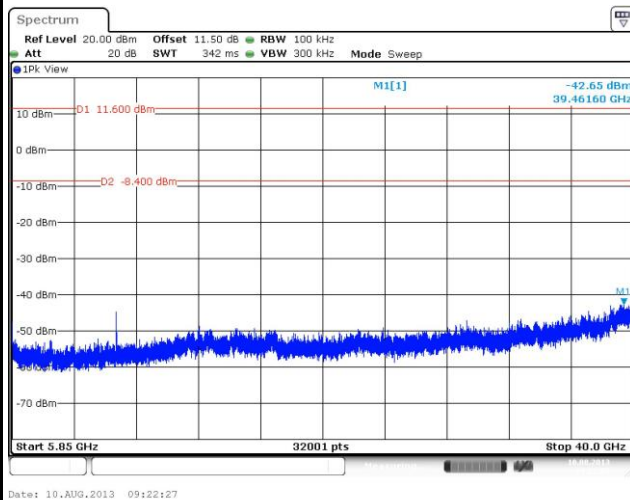
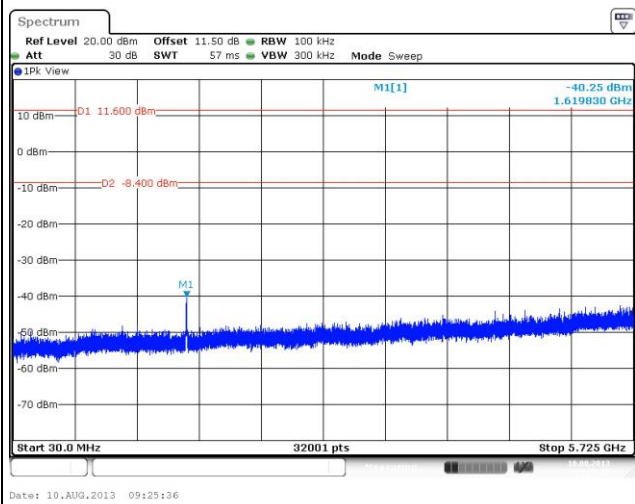
802.11a



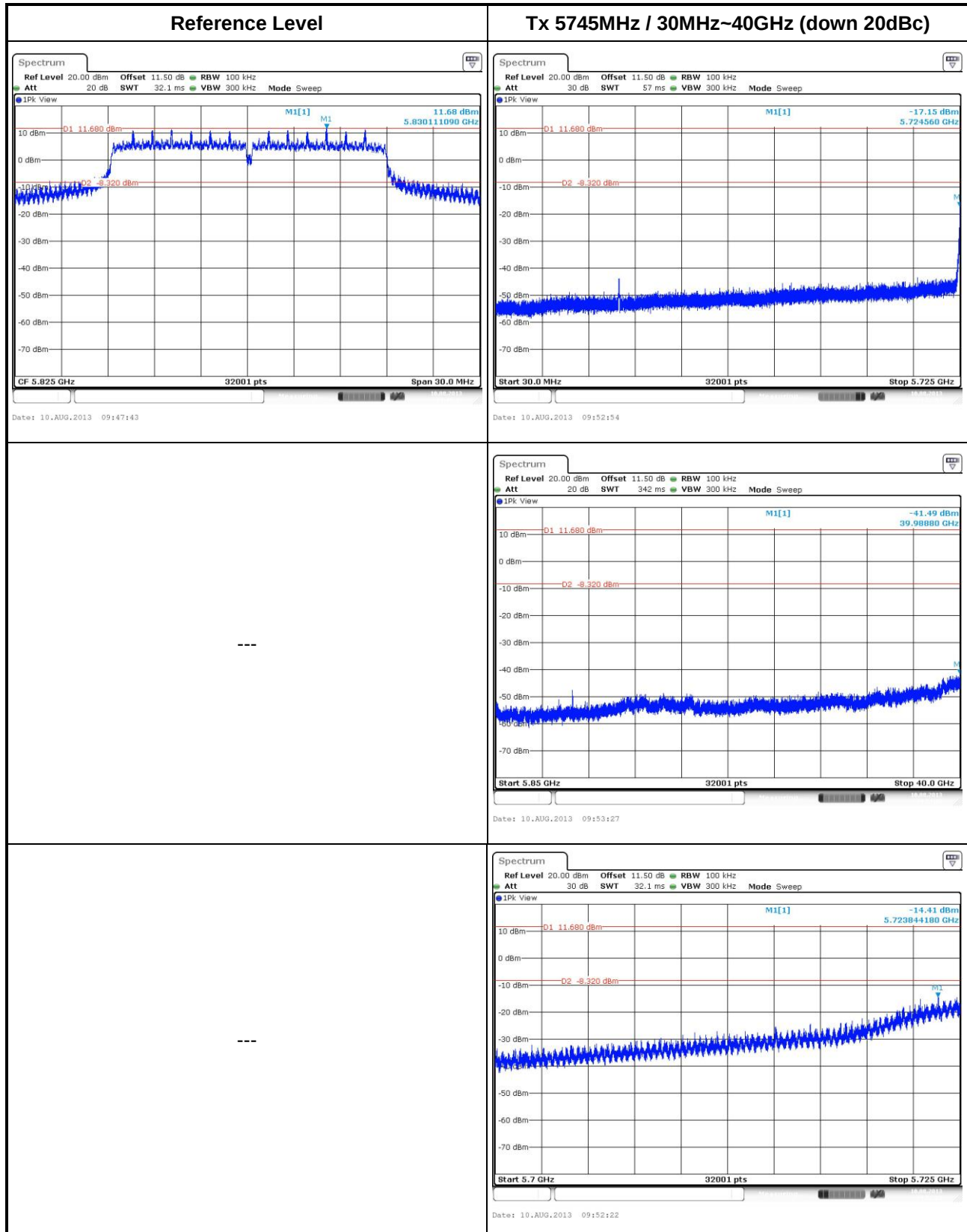
Tx 5785MHz / 30MHz~40GHz (down 20dBc)



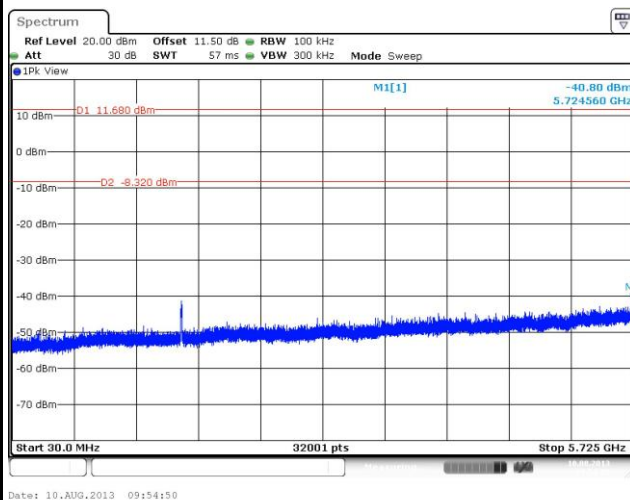
Tx 5825MHz / 30MHz~40GHz (down 20dBc)



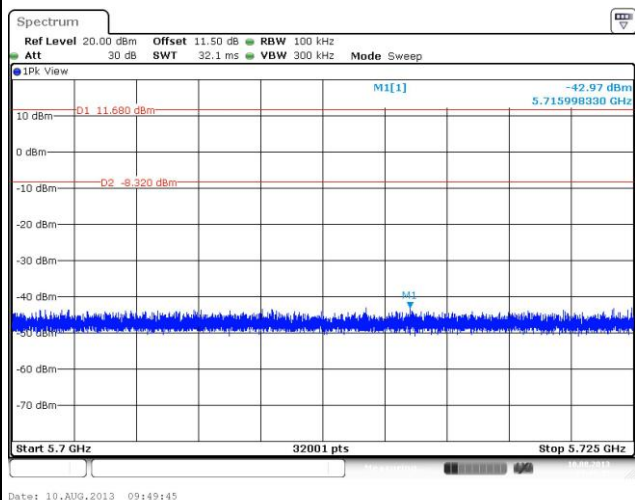
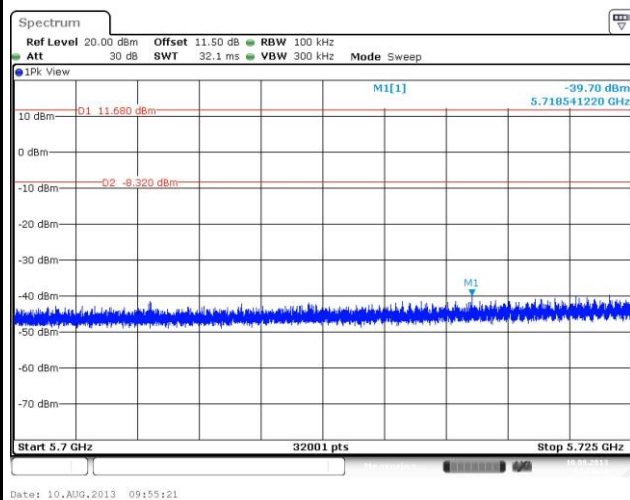
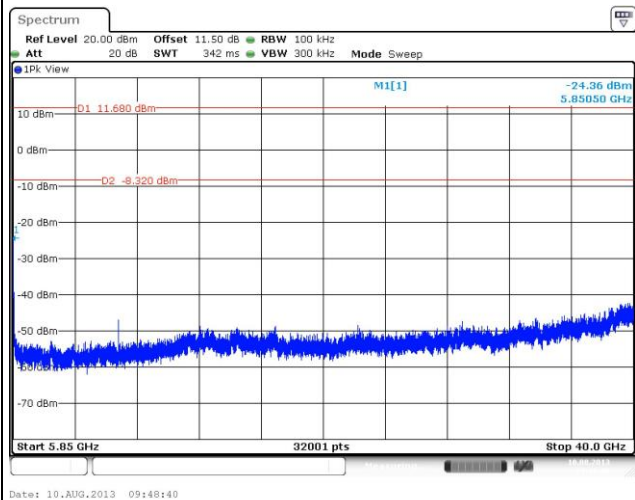
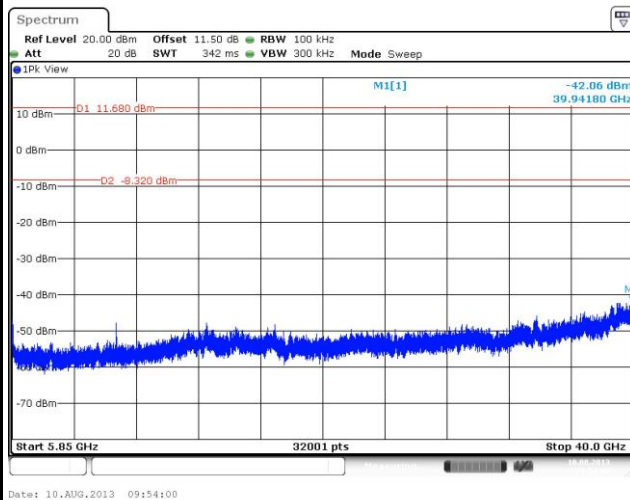
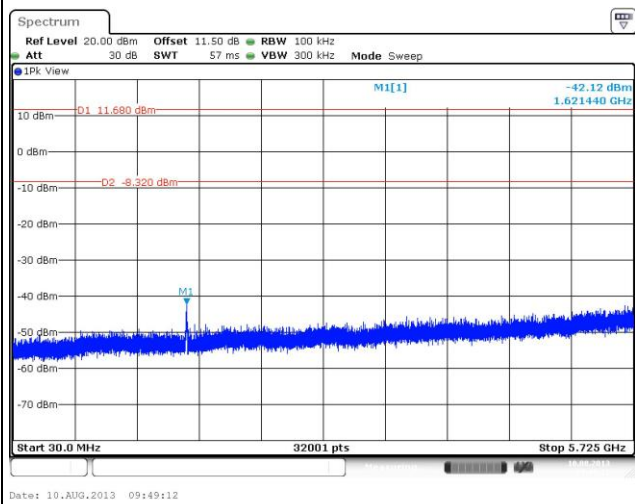
VHT20



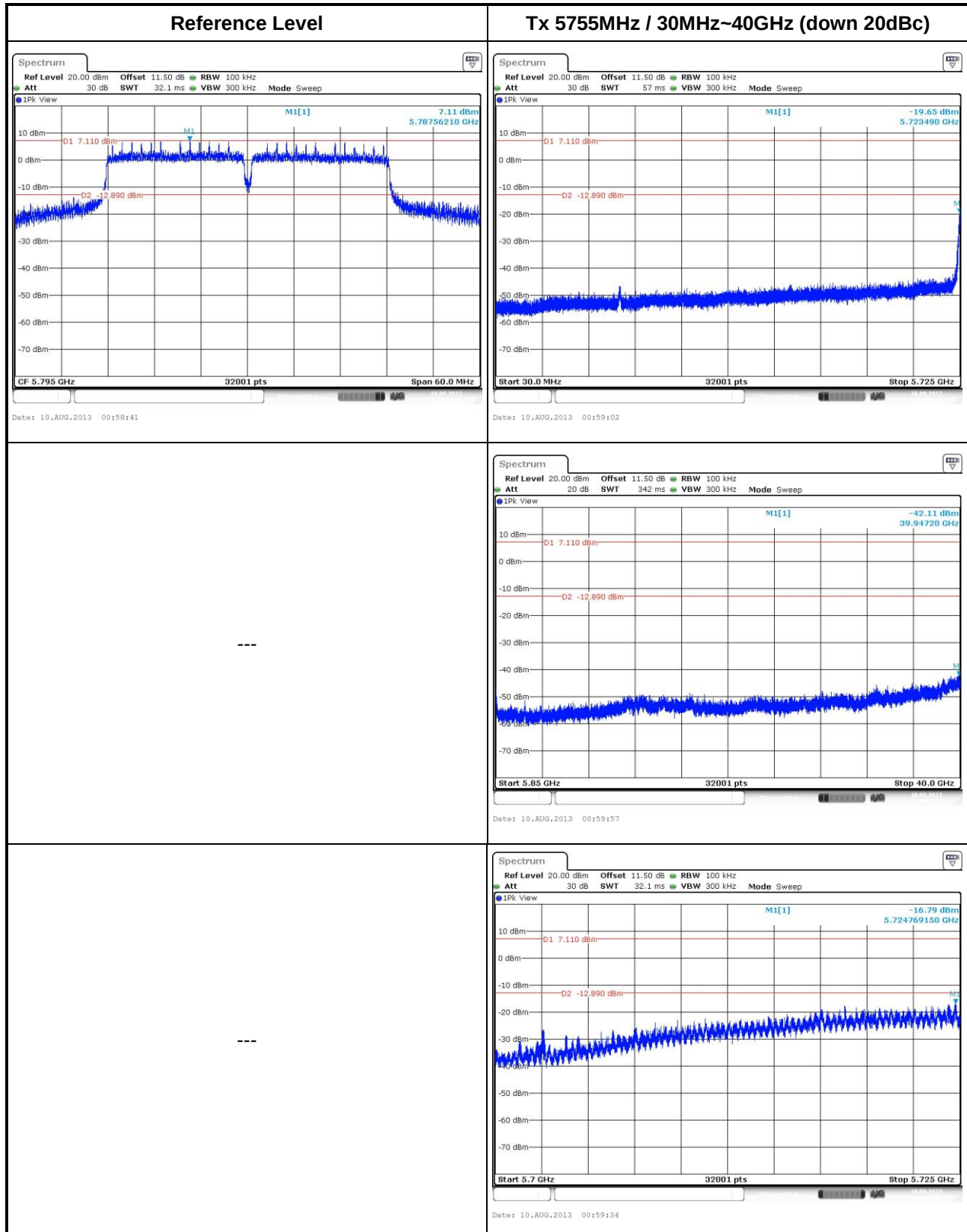
Tx 5785MHz / 30MHz~40GHz (down 20dBc)



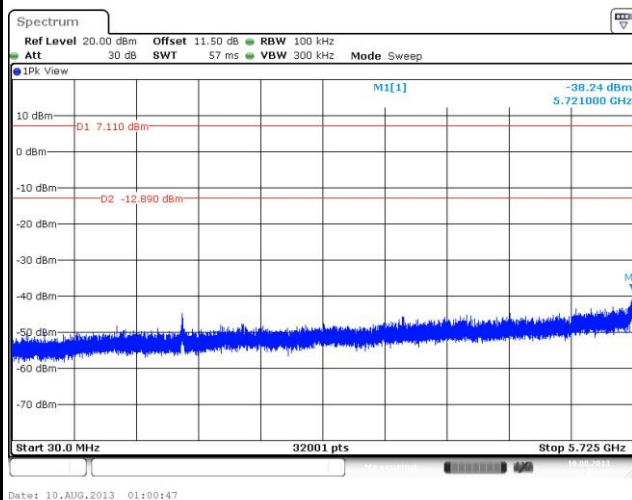
Tx 5825MHz / 30MHz~40GHz (down 20dBc)

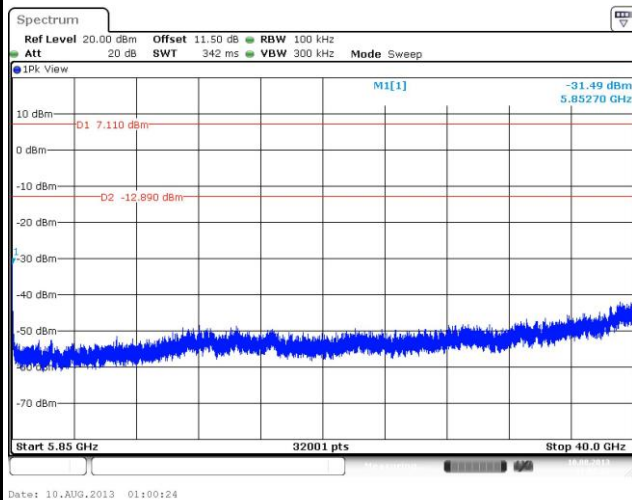


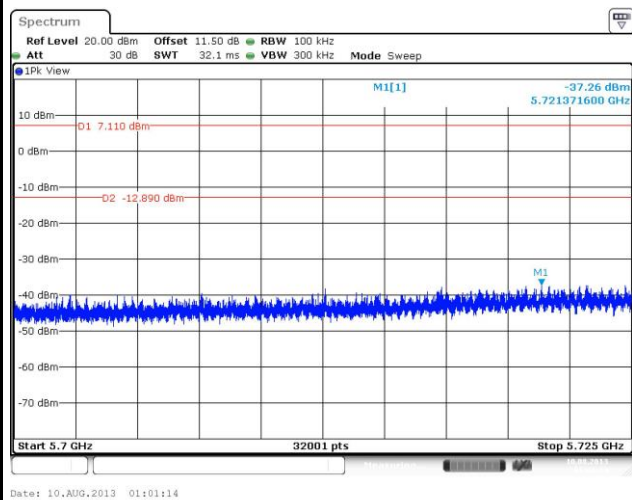
VHT40



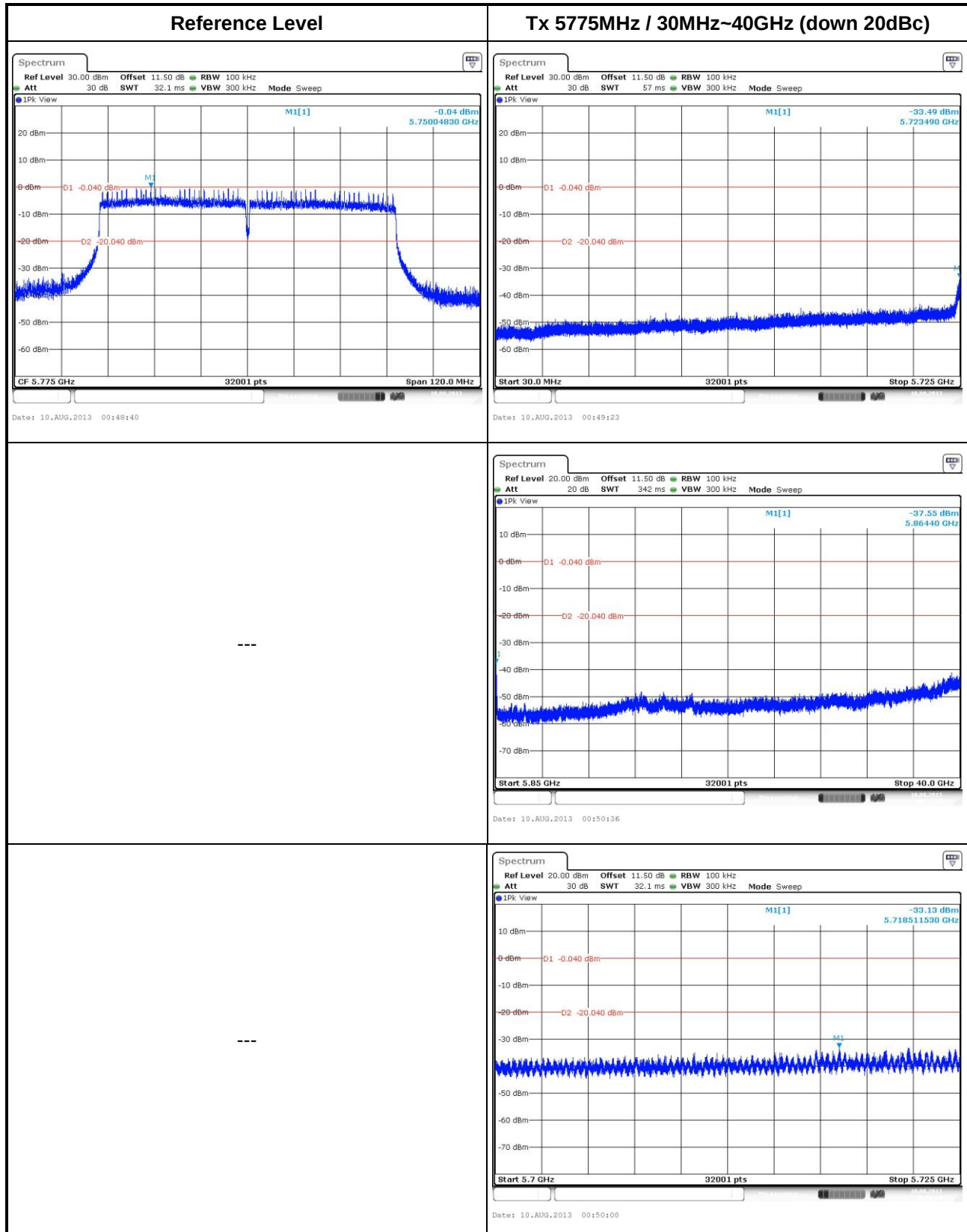
Tx 5795MHz / 30MHz~40GHz (down 20dBc)





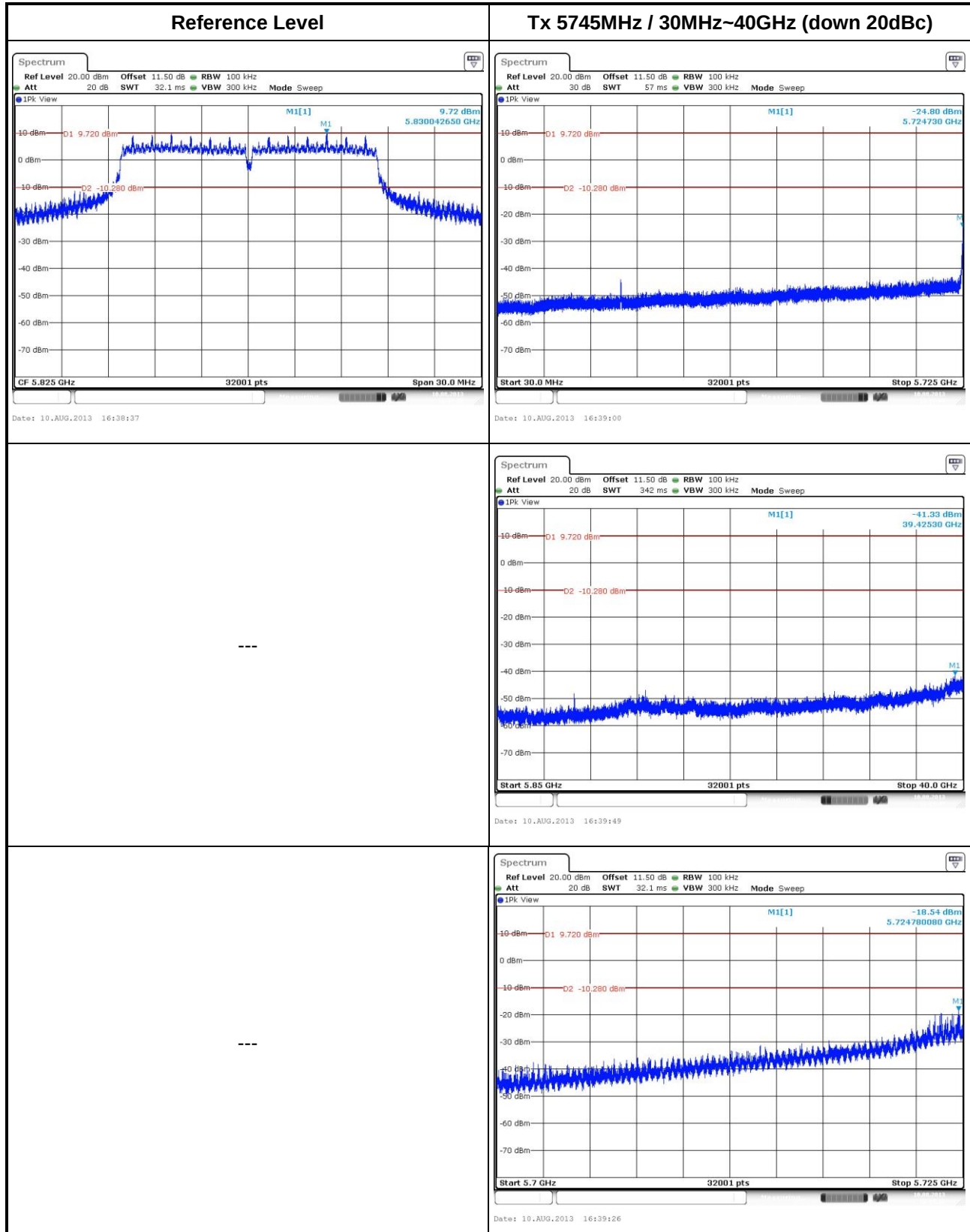


VHT80

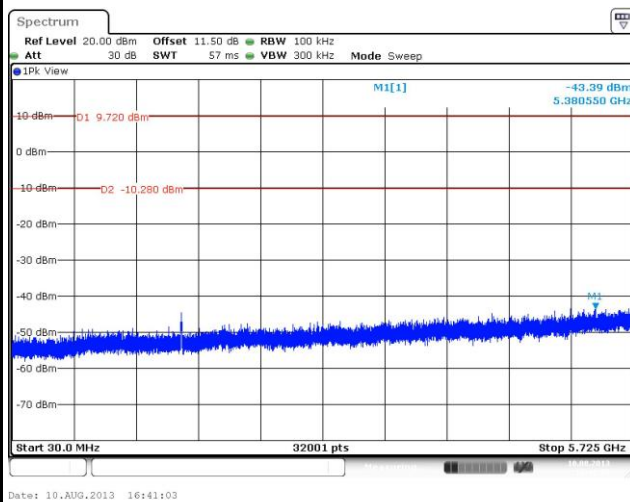


3.6.5 Unwanted Emissions into Non-Restricted Frequency Bands_ Test Configuration 2

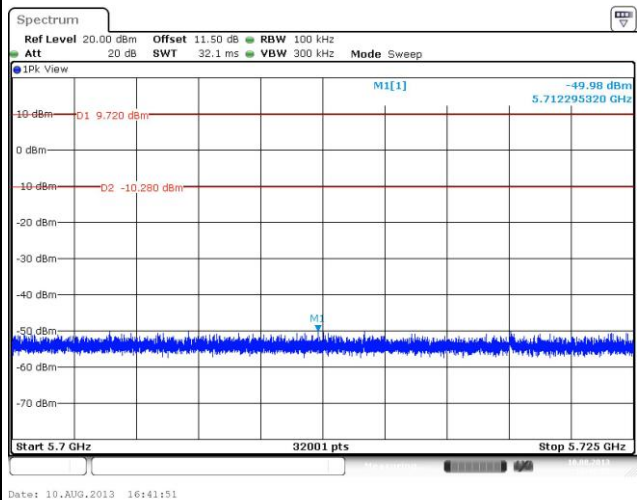
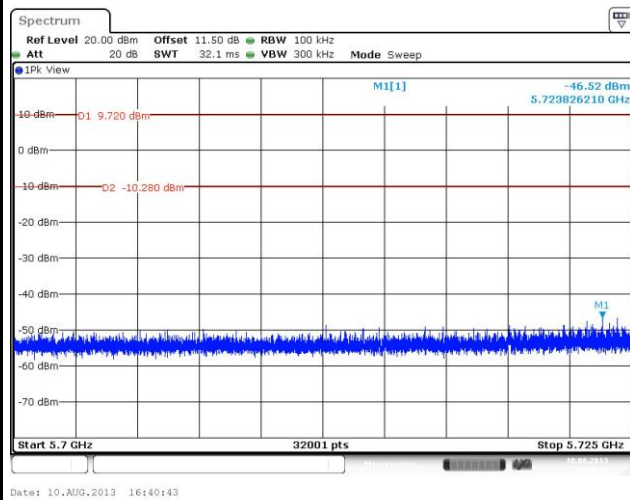
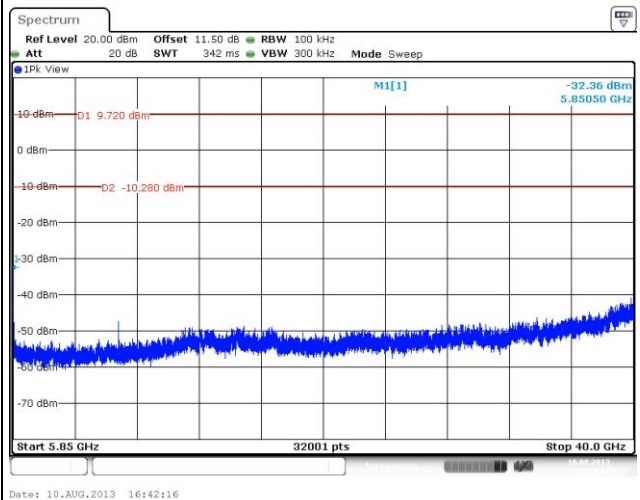
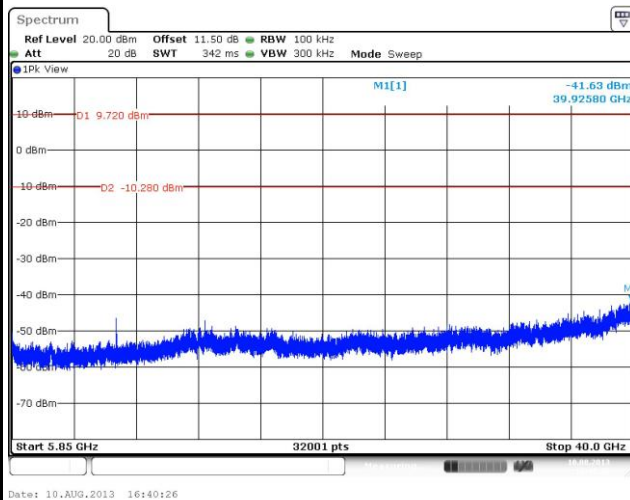
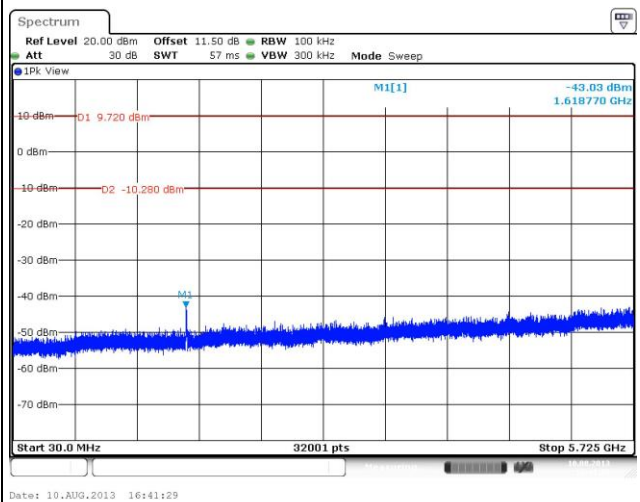
802.11a



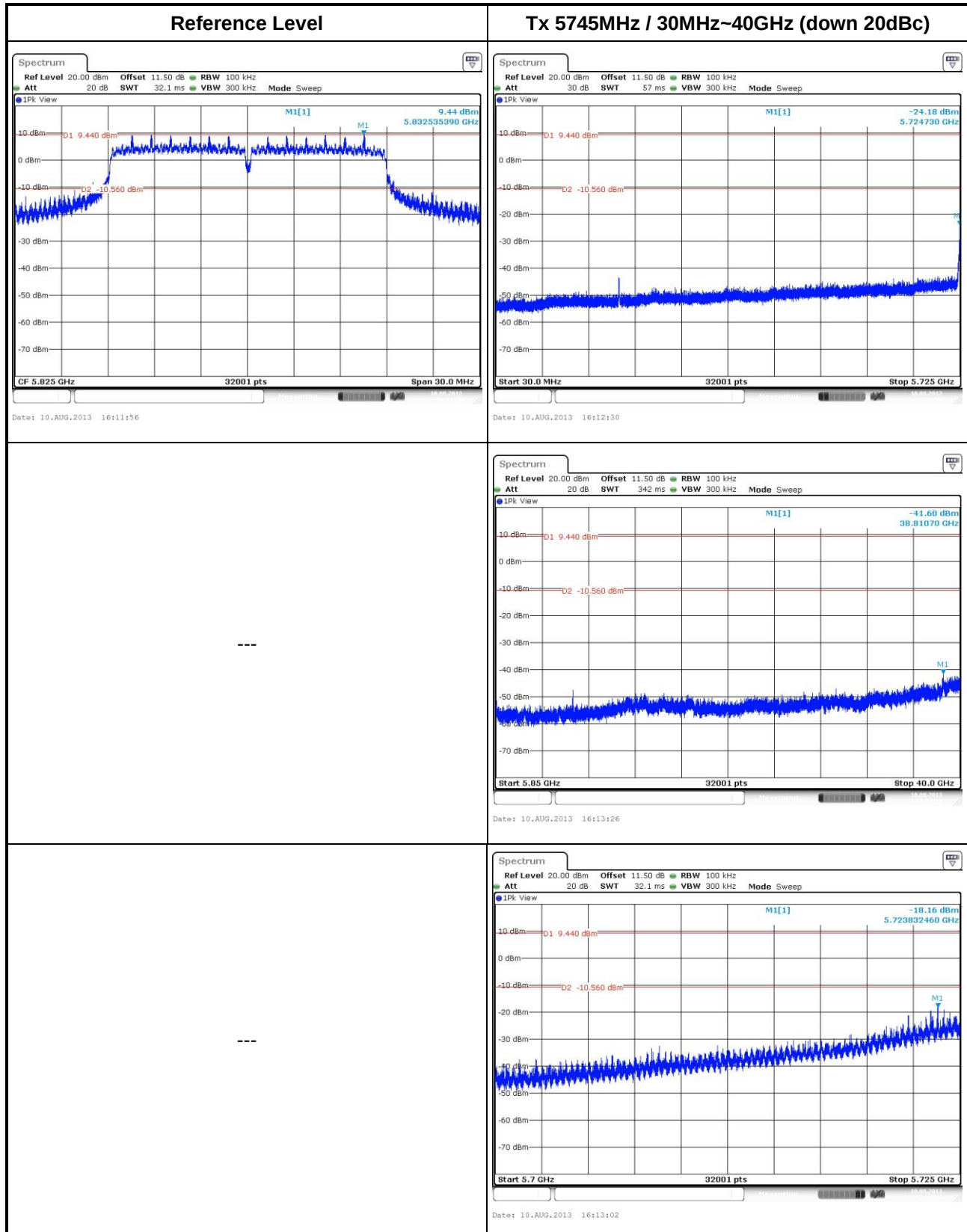
Tx 5785MHz / 30MHz~40GHz (down 20dBc)



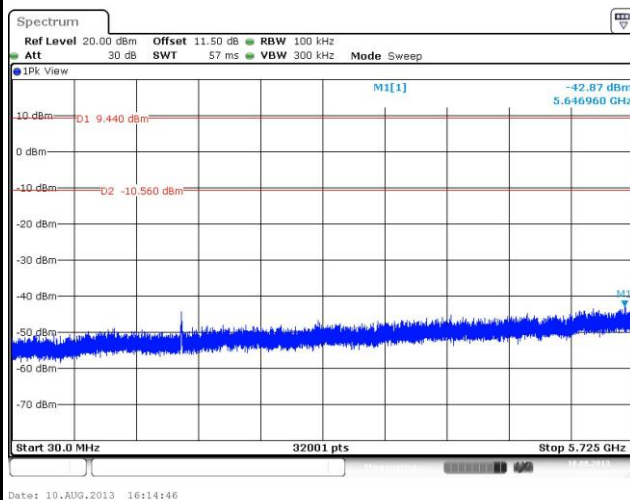
Tx 5825MHz / 30MHz~40GHz (down 20dBc)



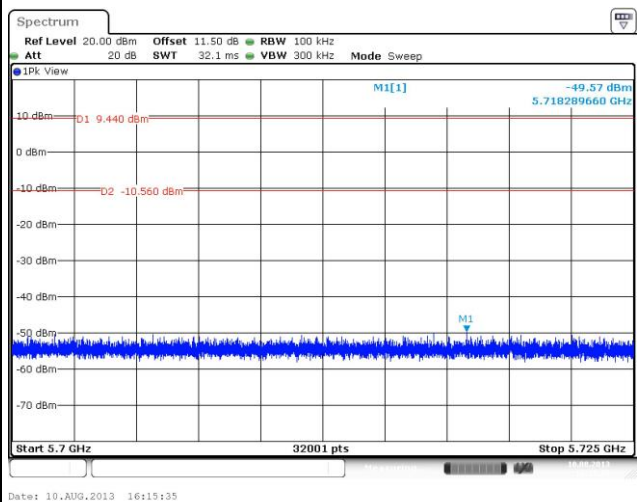
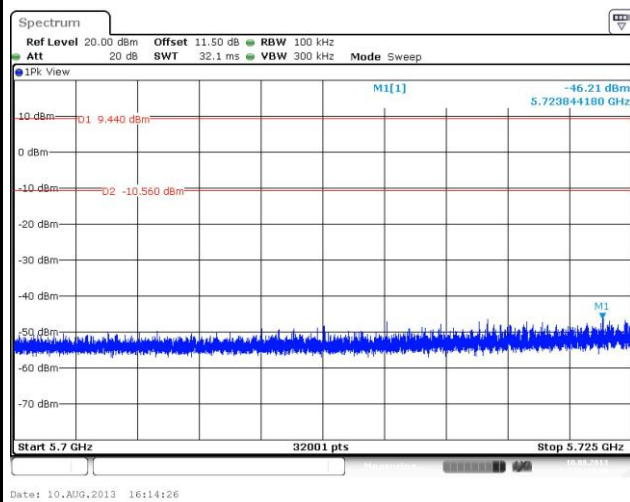
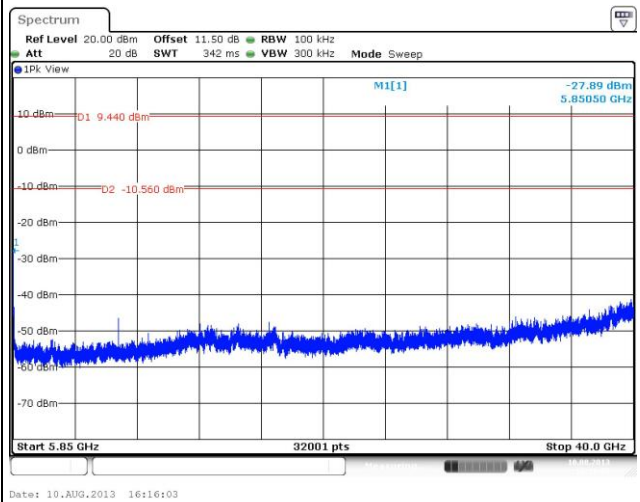
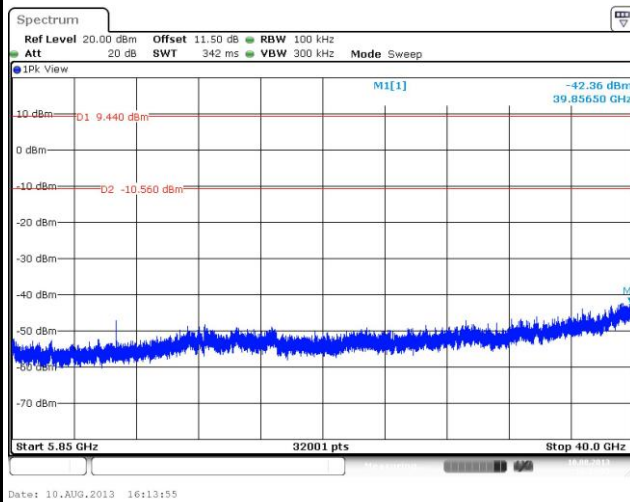
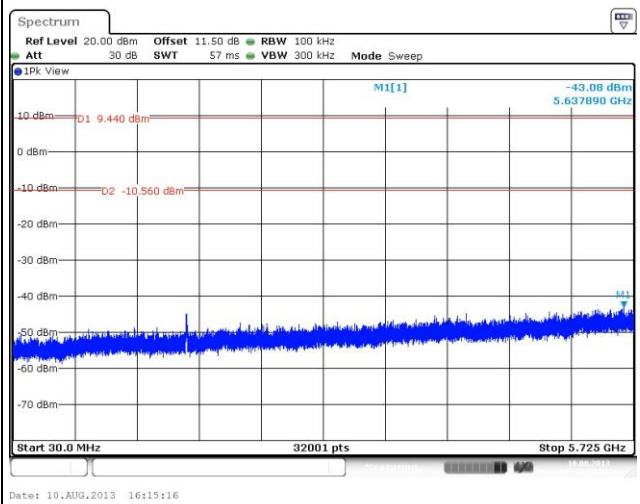
VHT20



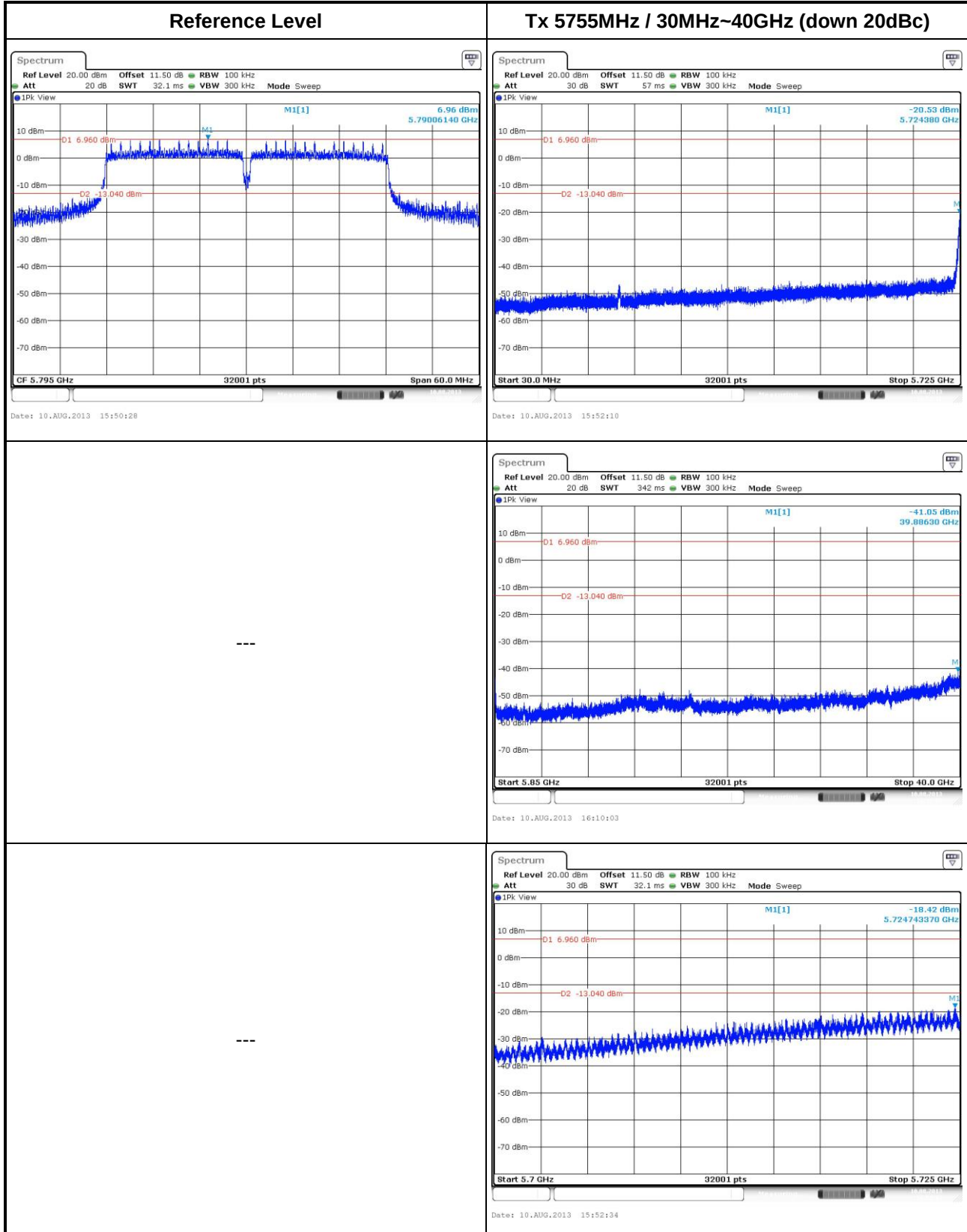
Tx 5785MHz / 30MHz~40GHz (down 20dBc)



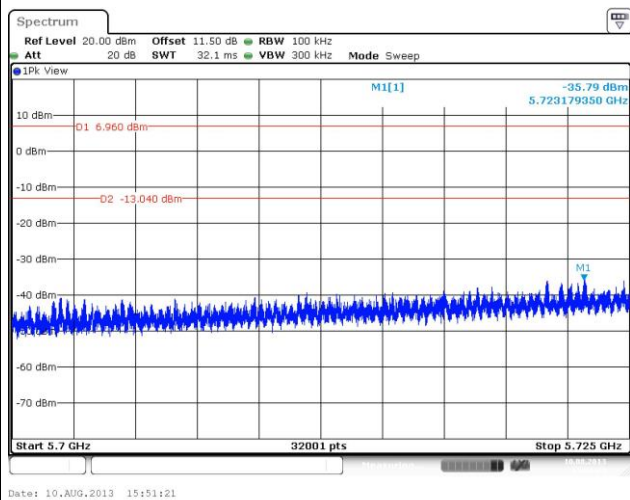
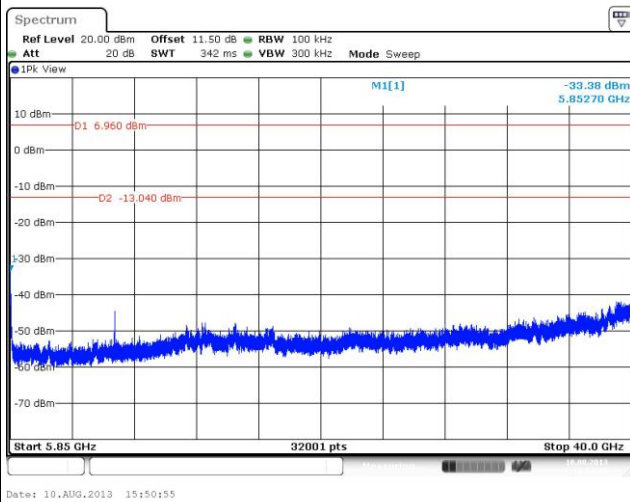
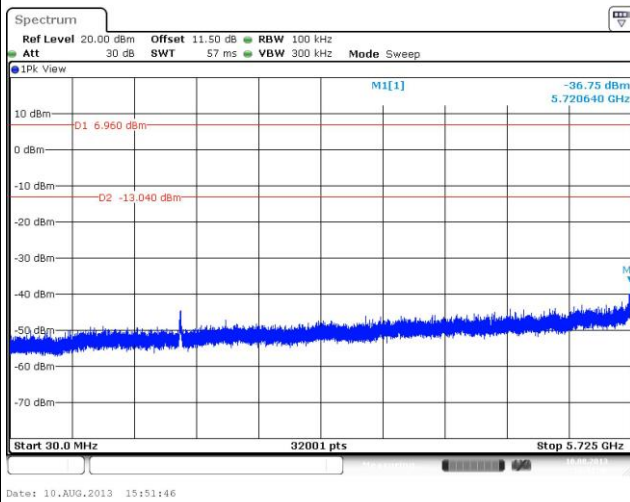
Tx 5825MHz / 30MHz~40GHz (down 20dBc)



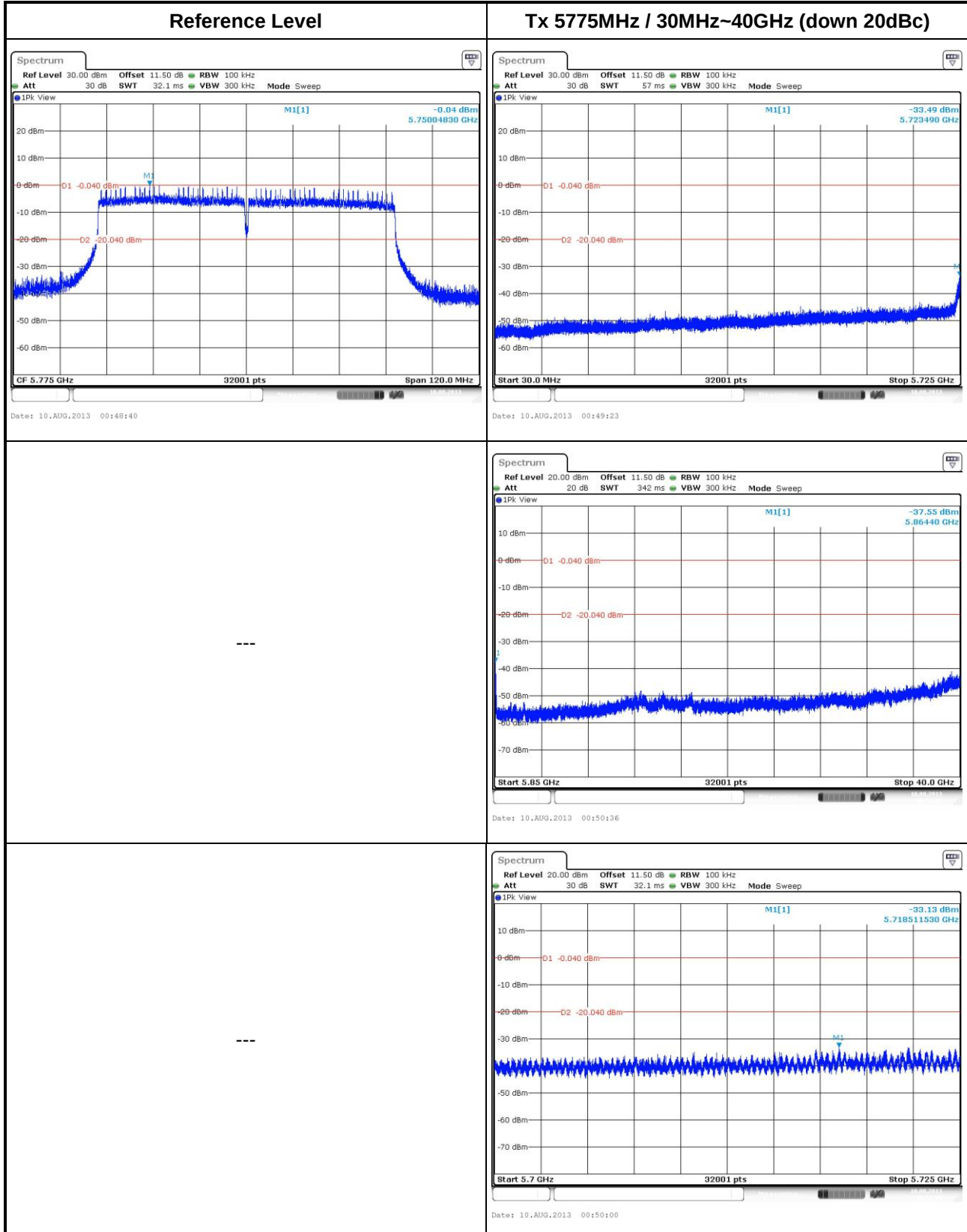
VHT40



Tx 5795MHz / 30MHz~40GHz (down 20dBc)

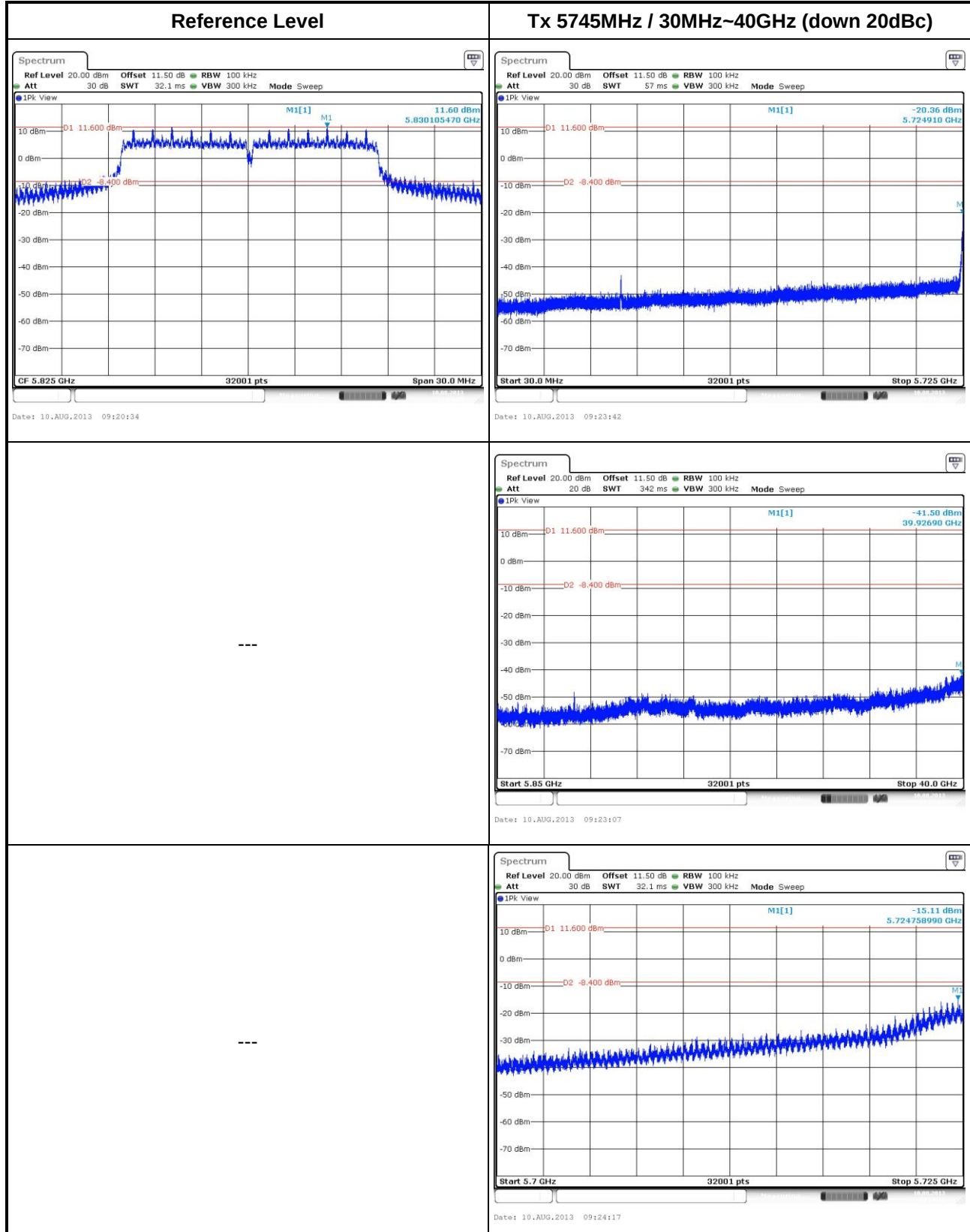


VHT80

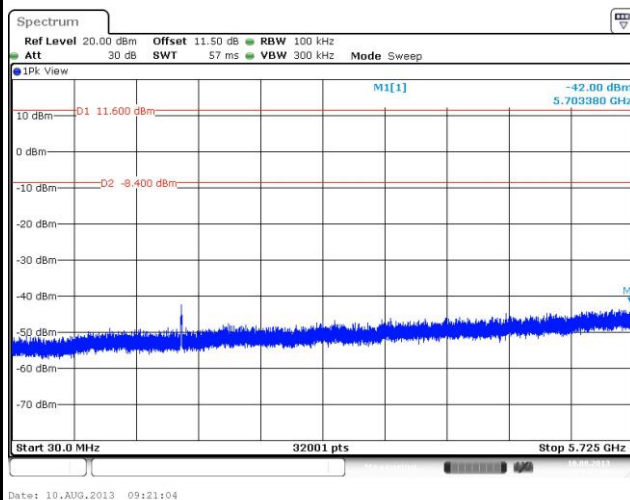


3.6.6 Unwanted Emissions into Non-Restricted Frequency Bands_ Test Configuration 3

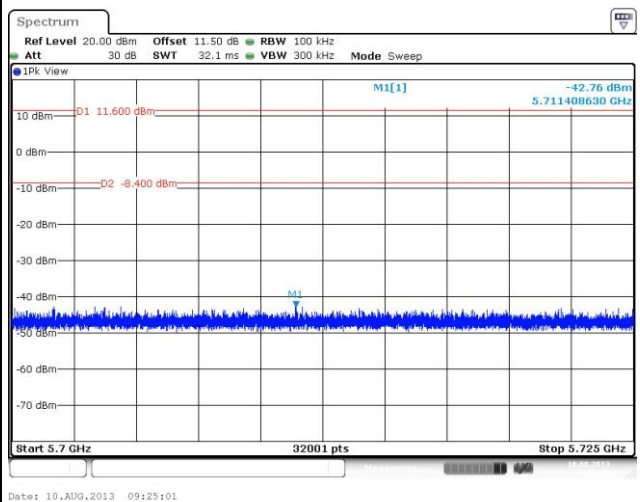
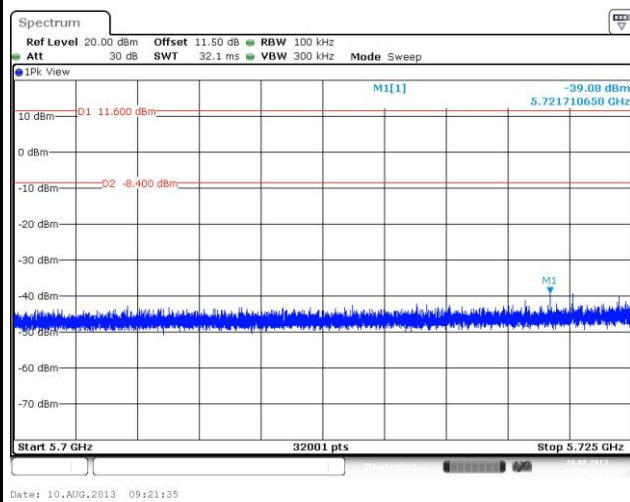
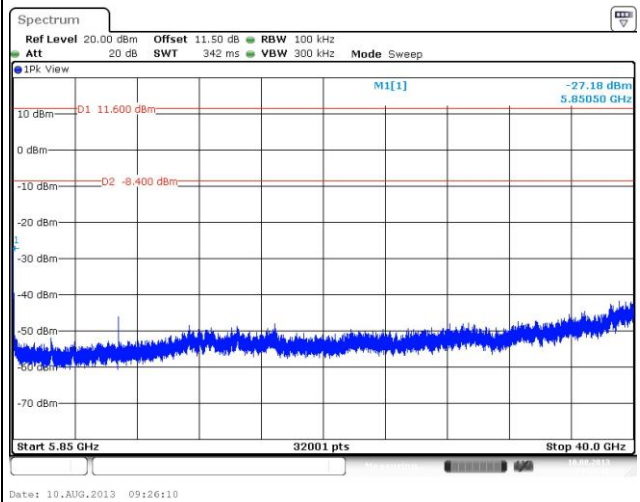
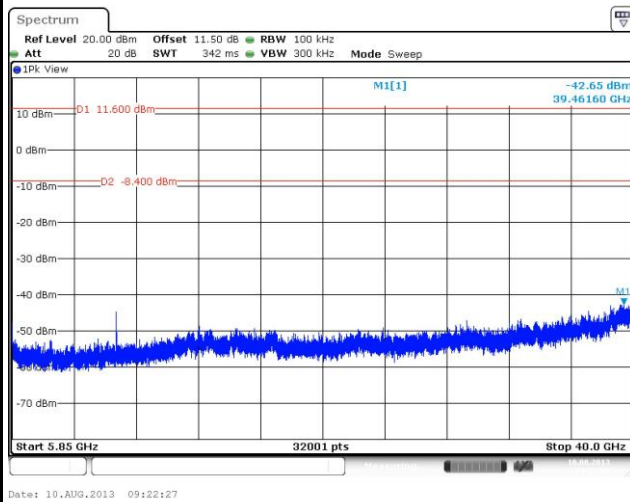
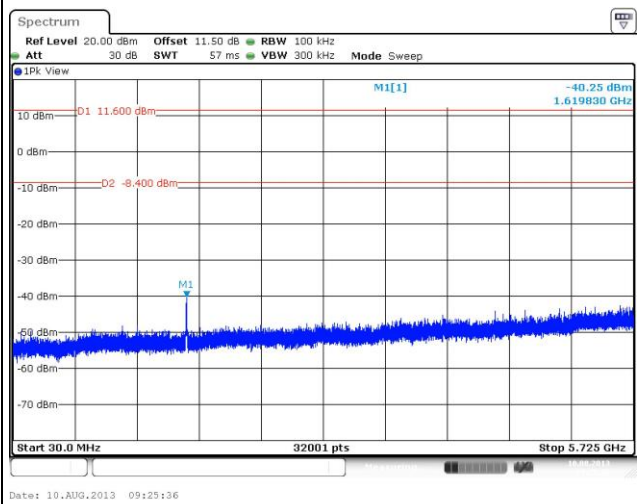
802.11a



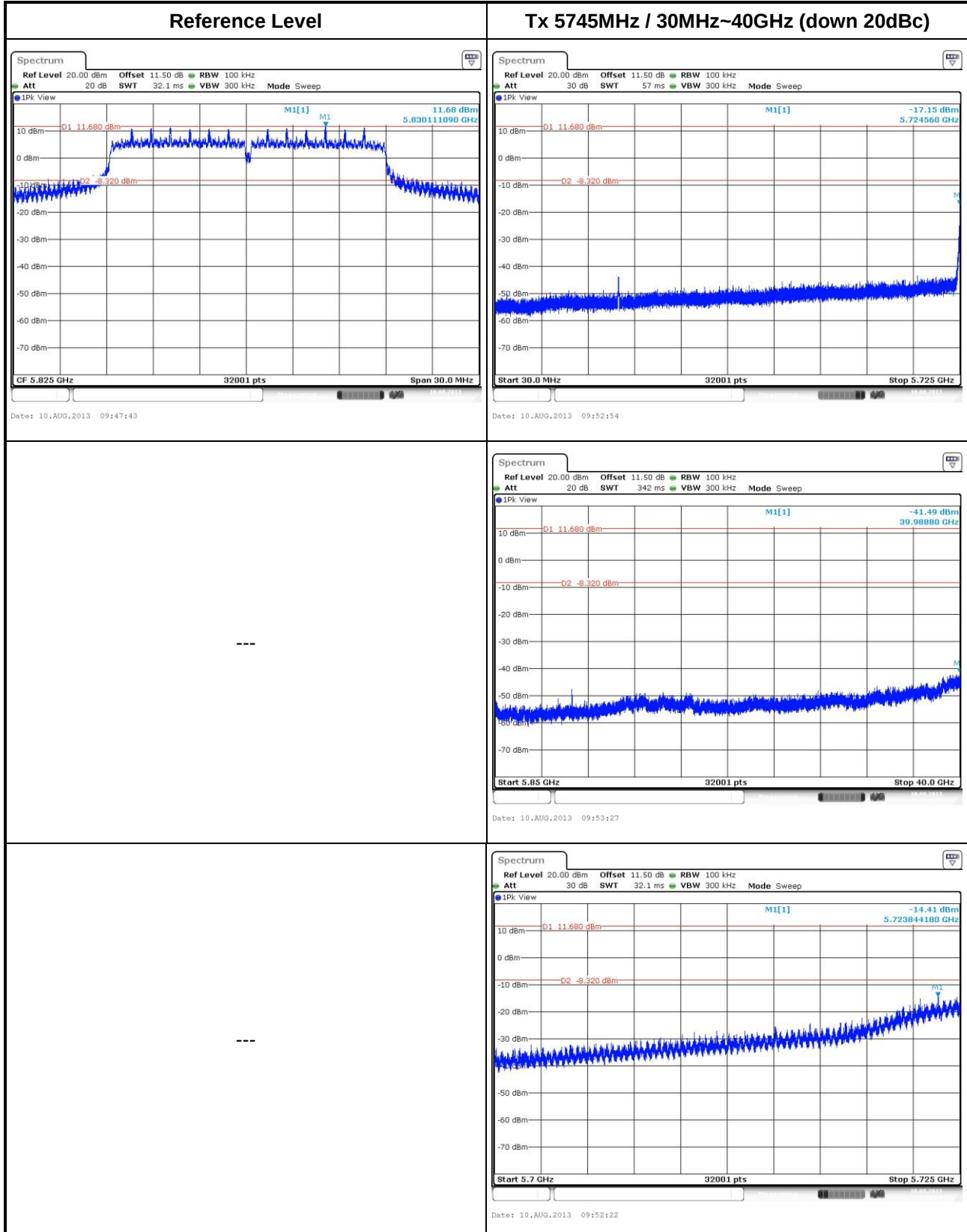
Tx 5785MHz / 30MHz~40GHz (down 20dBc)



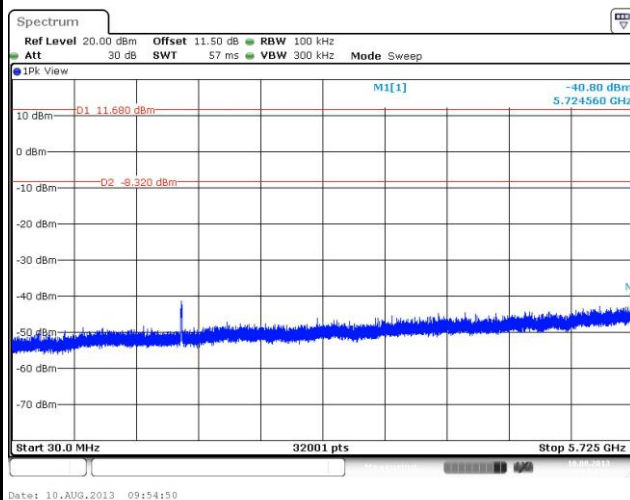
Tx 5825MHz / 30MHz~40GHz (down 20dBc)



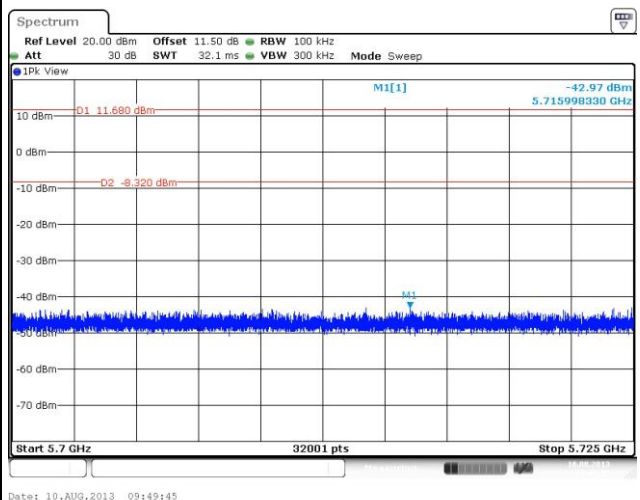
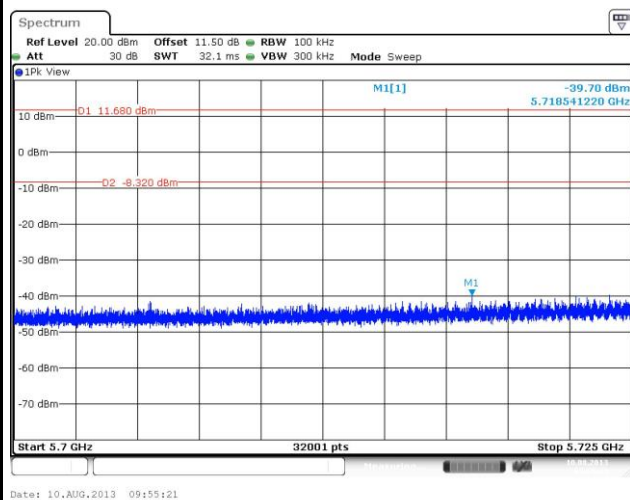
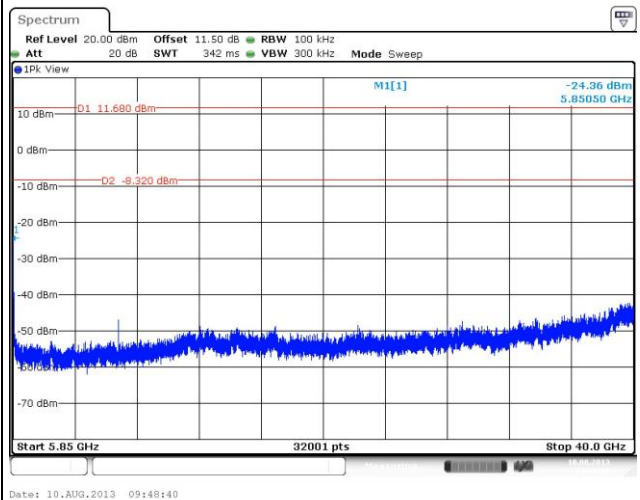
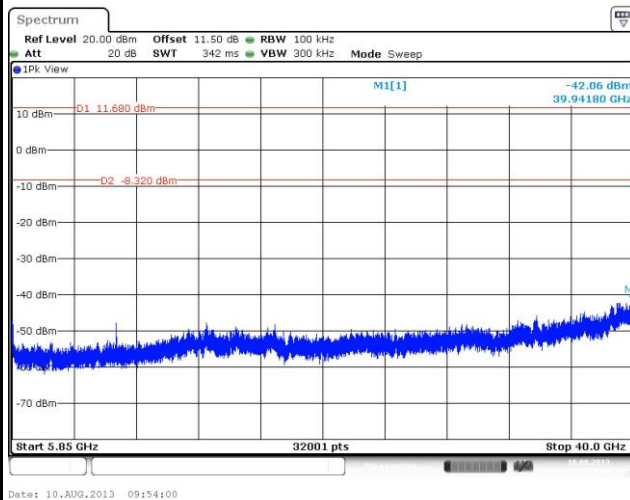
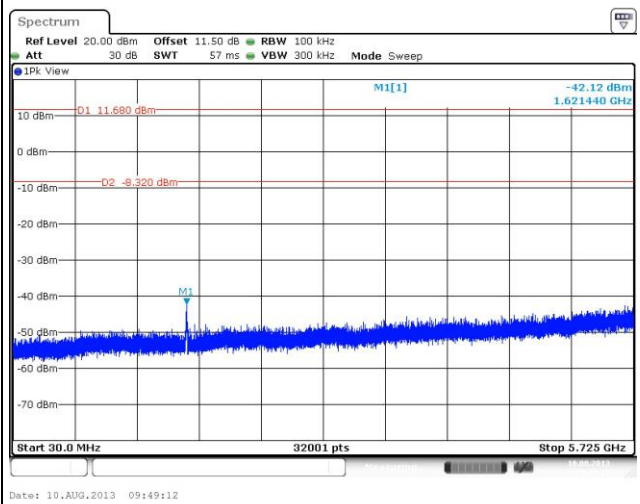
VHT20



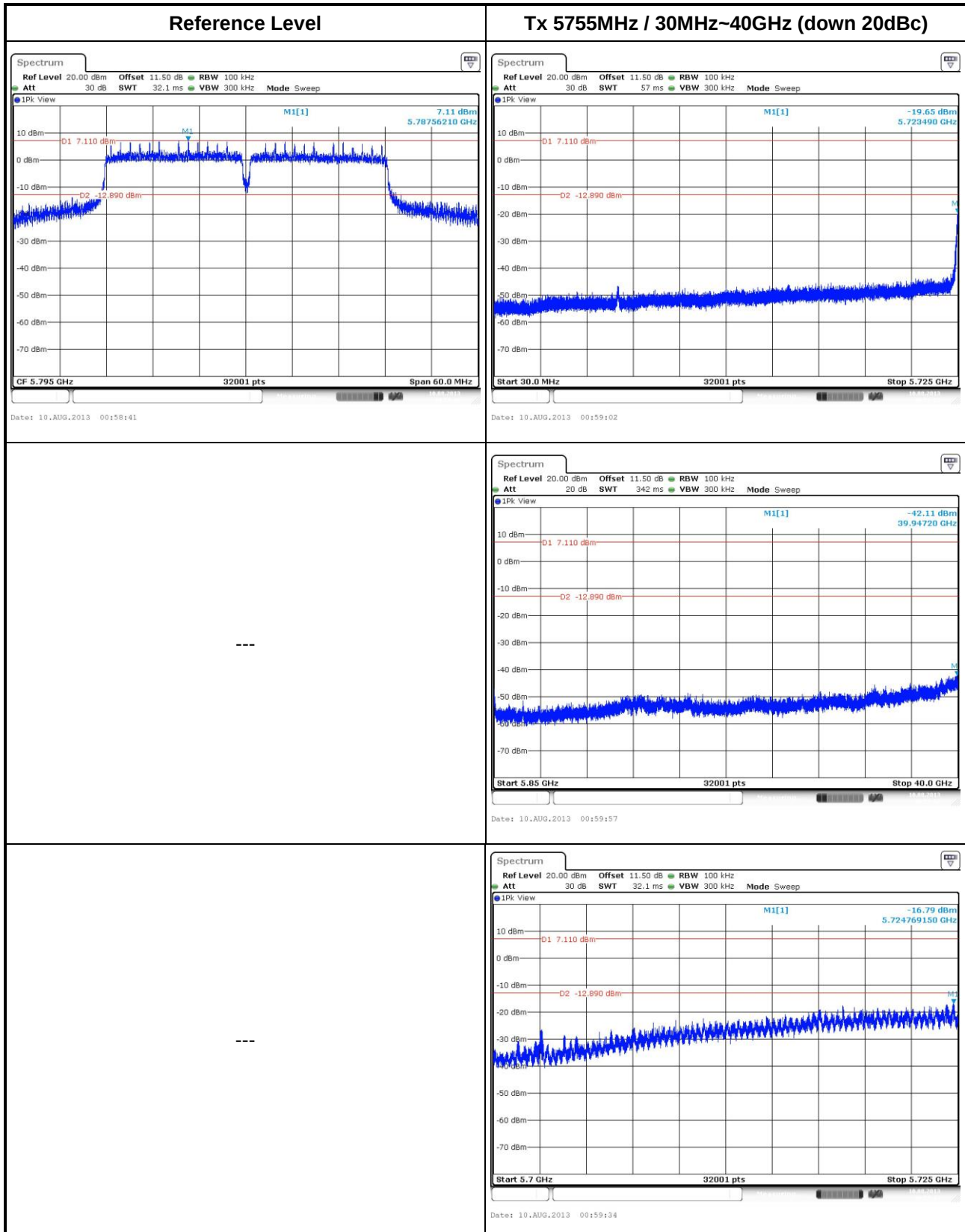
Tx 5785MHz / 30MHz~40GHz (down 20dBc)



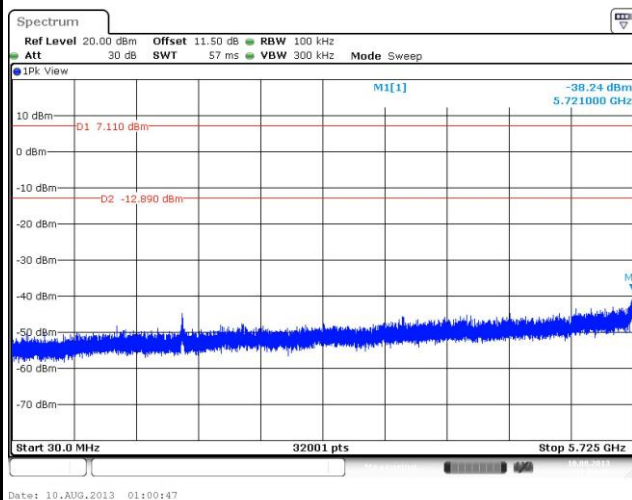
Tx 5825MHz / 30MHz~40GHz (down 20dBc)

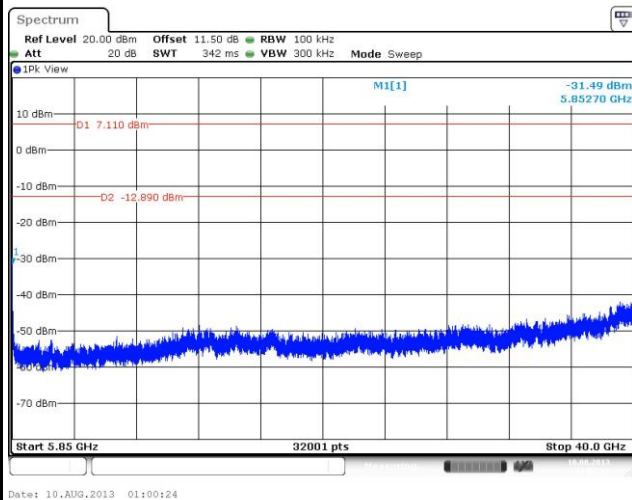


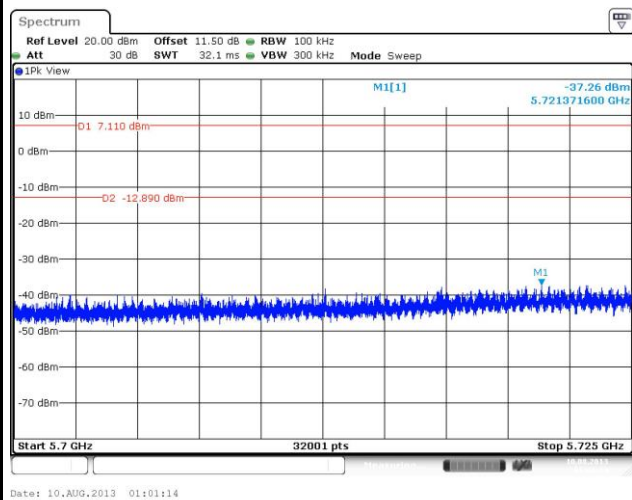
VHT40



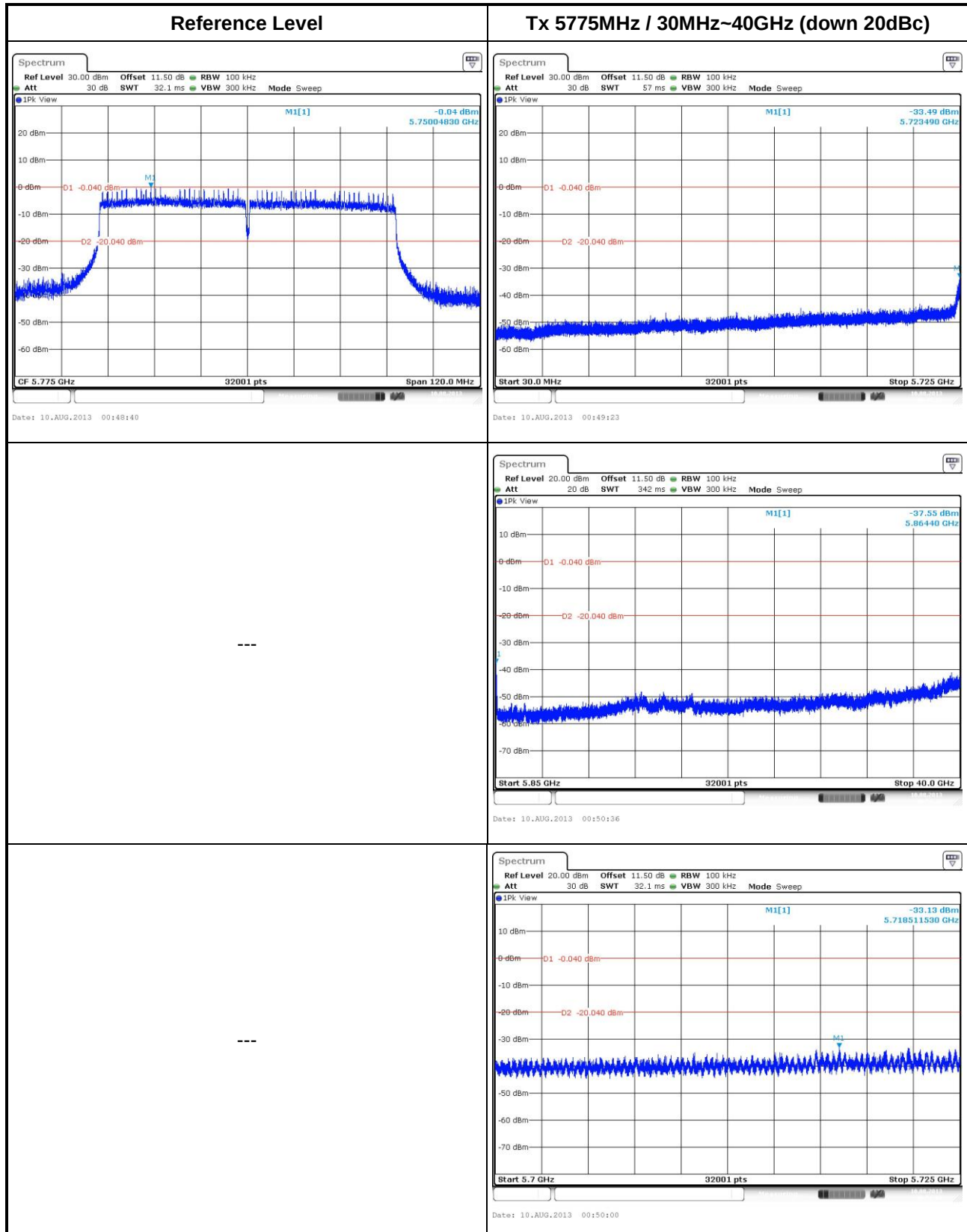
Tx 5795MHz / 30MHz~40GHz (down 20dBc)





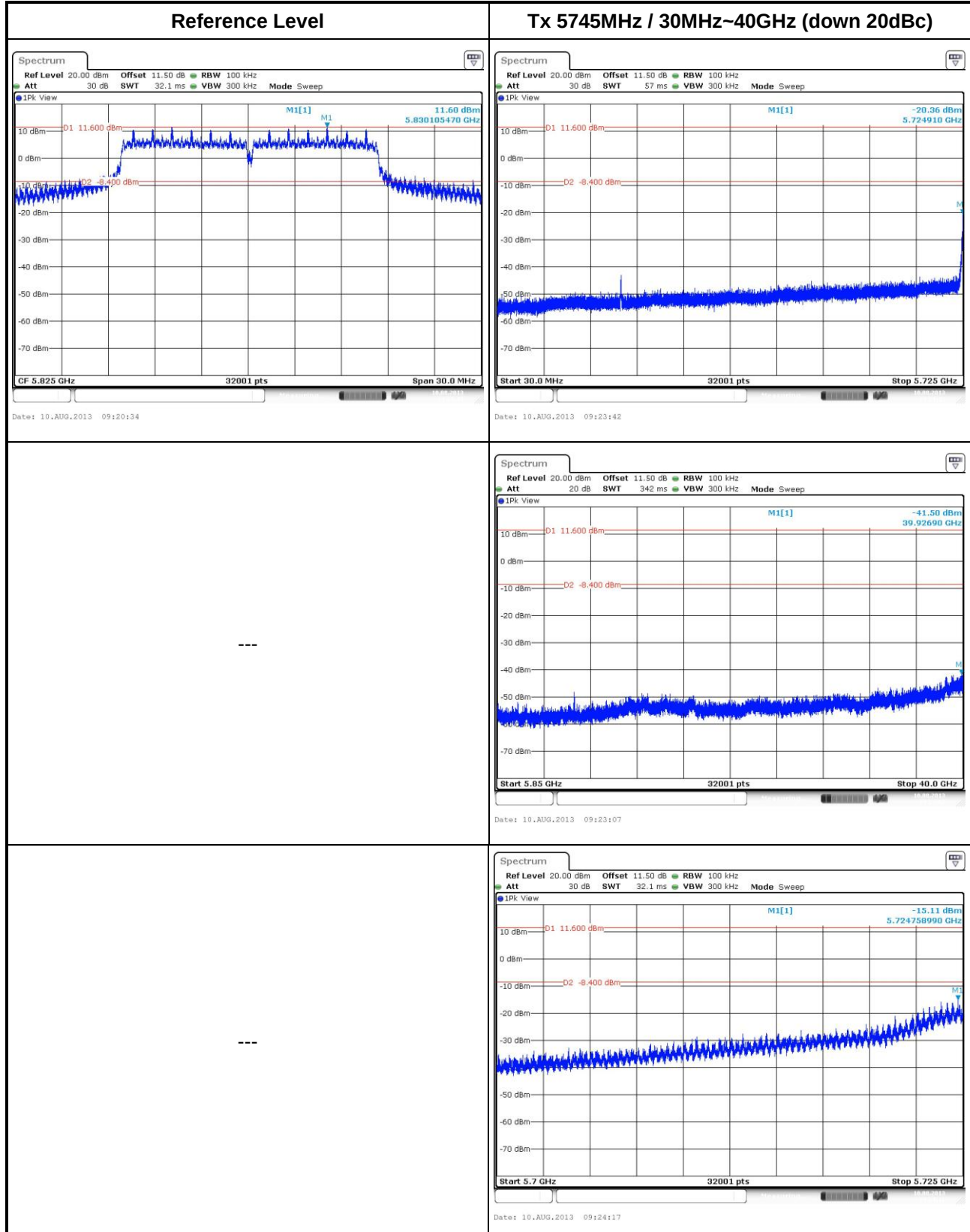


VHT80

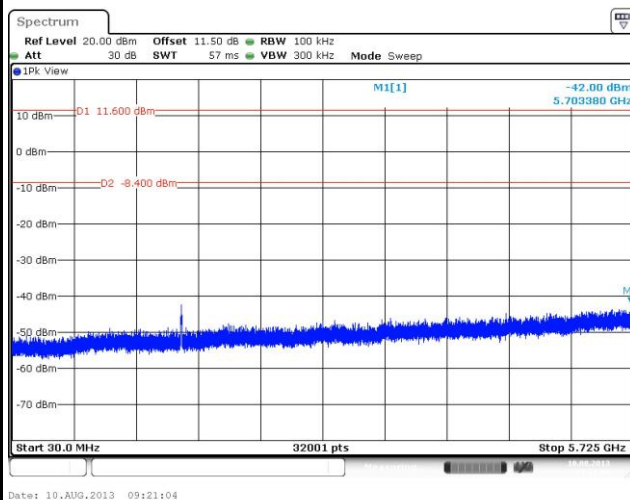


3.6.7 Unwanted Emissions into Non-Restricted Frequency Bands_ Test Configuration 4

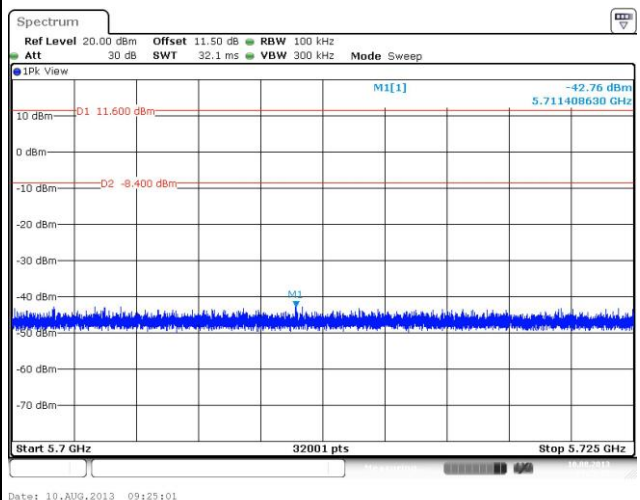
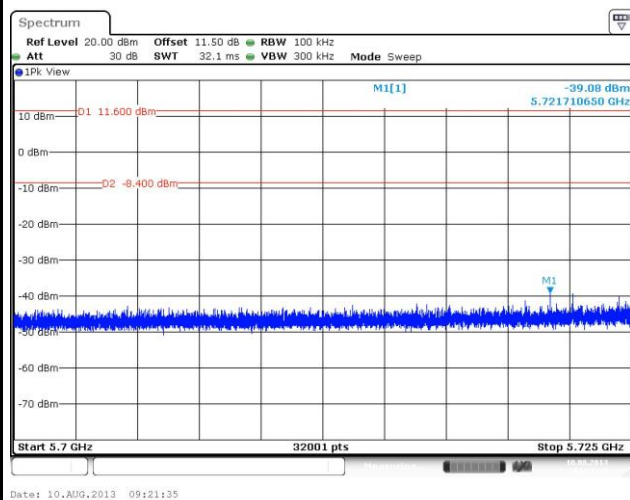
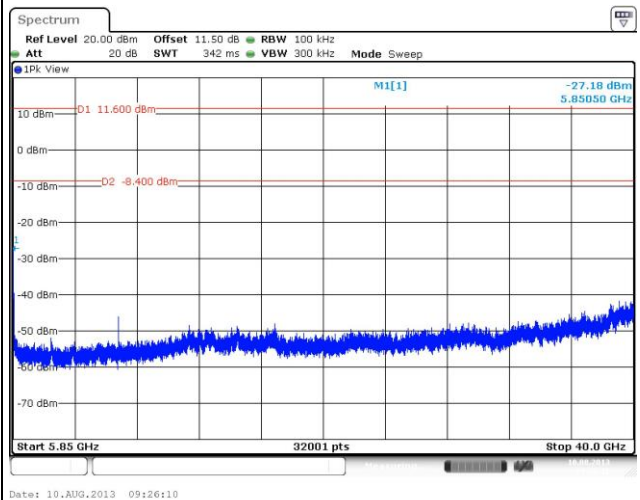
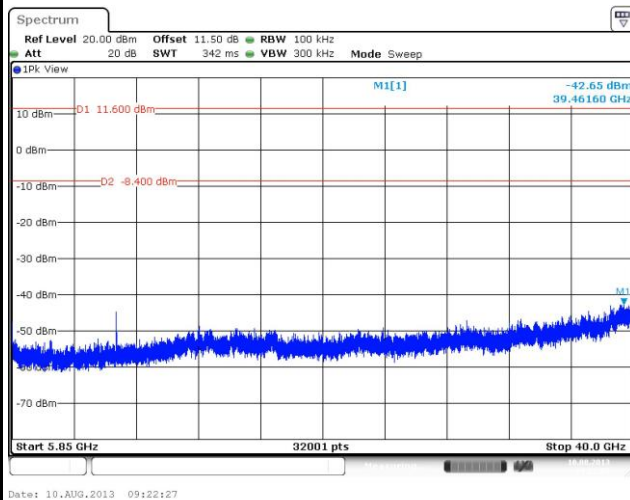
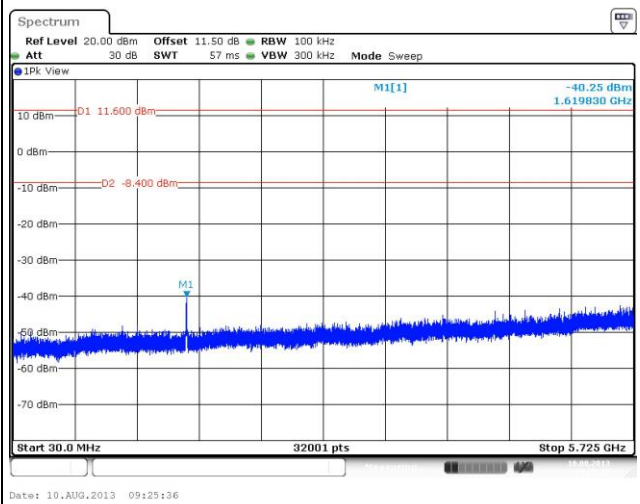
802.11a



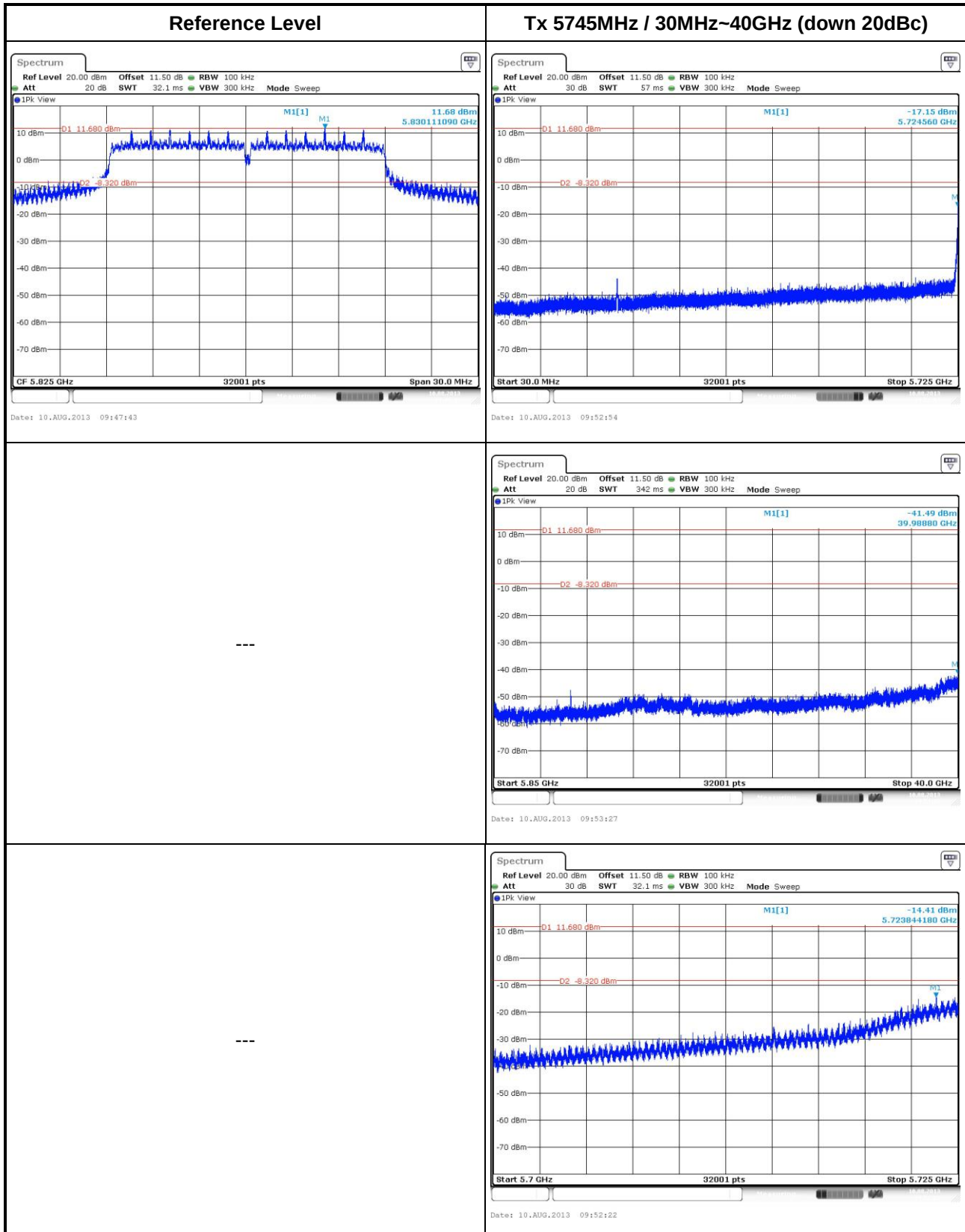
Tx 5785MHz / 30MHz~40GHz (down 20dBc)



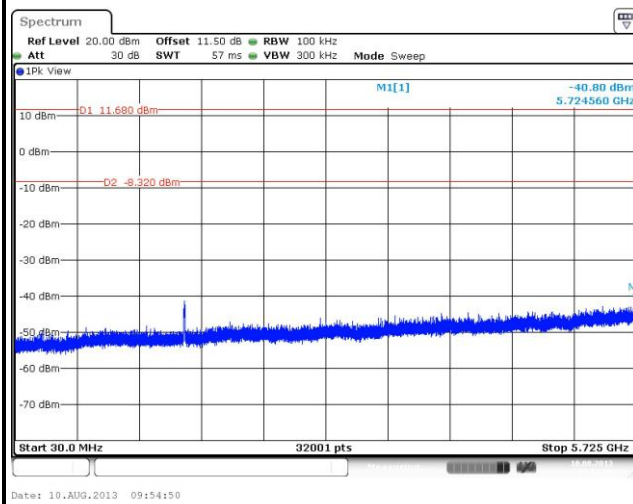
Tx 5825MHz / 30MHz~40GHz (down 20dBc)



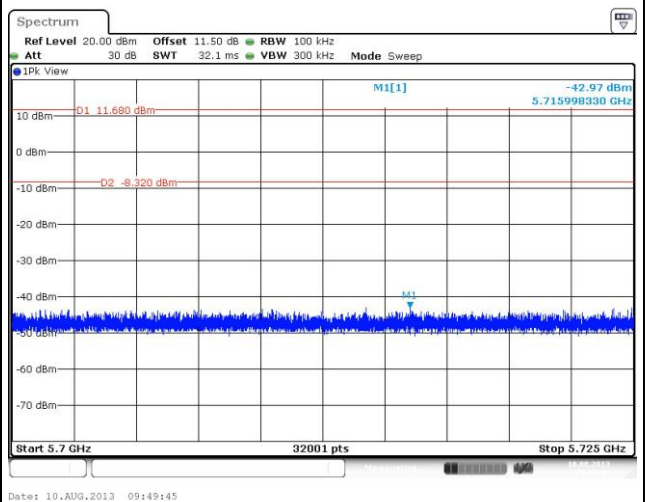
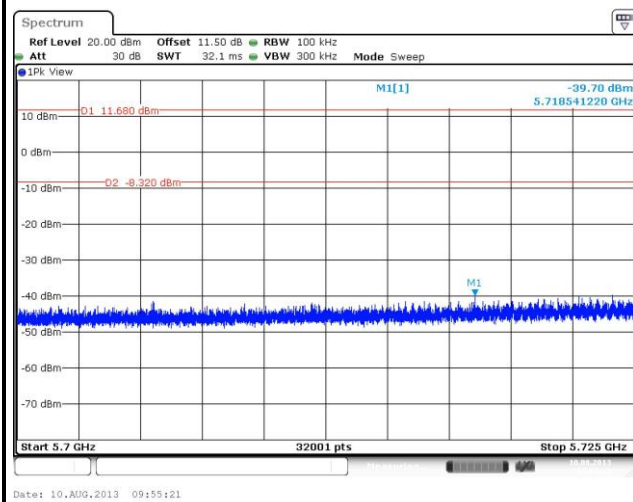
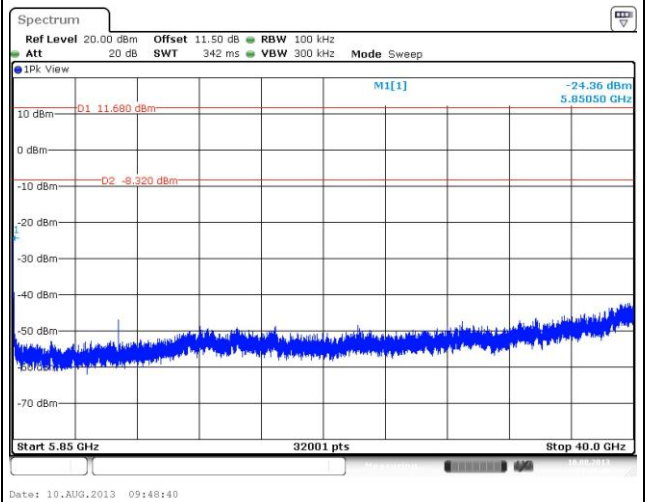
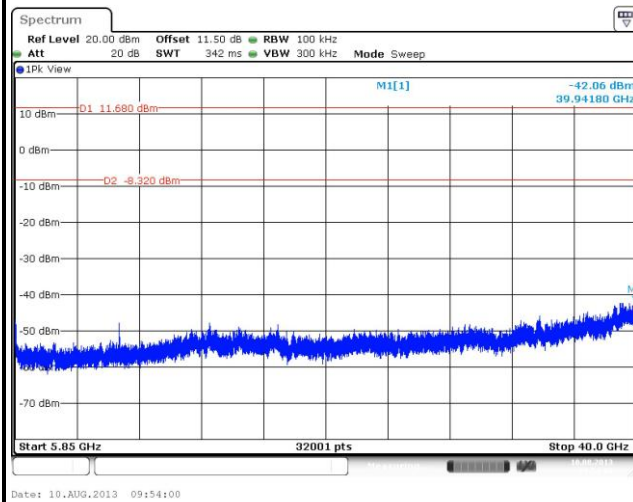
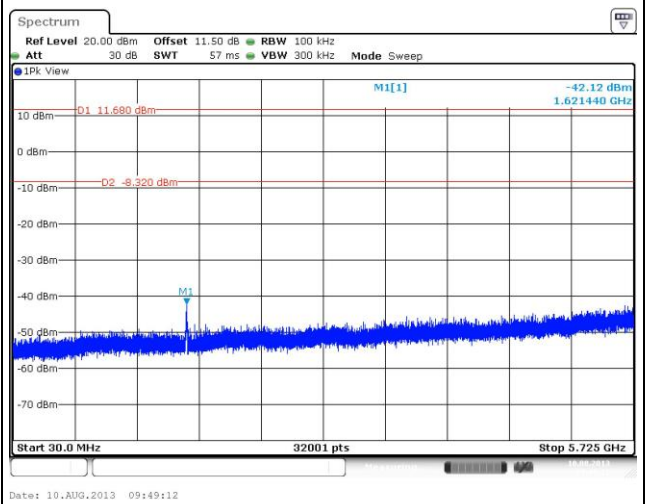
VHT20



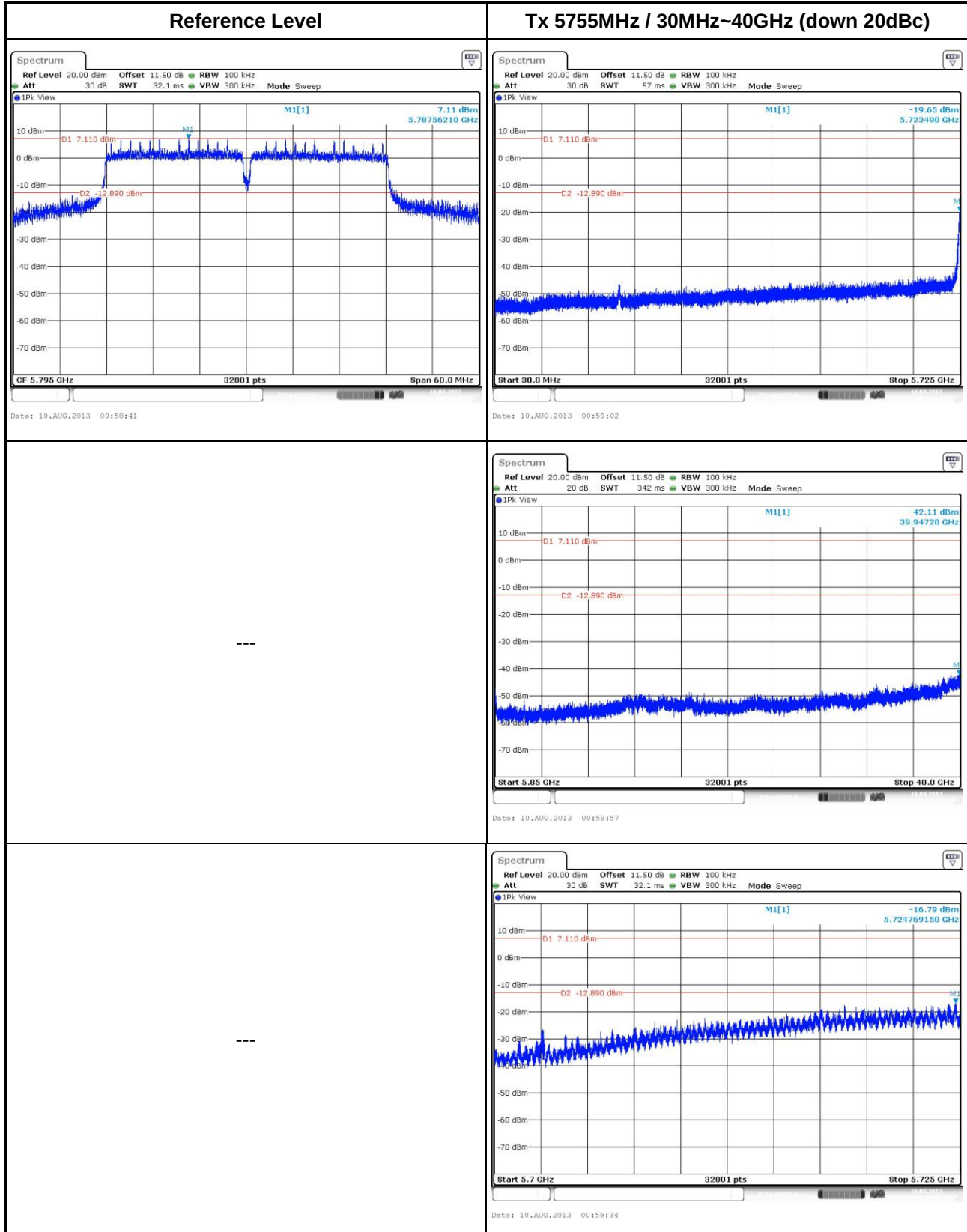
Tx 5785MHz / 30MHz~40GHz (down 20dBc)



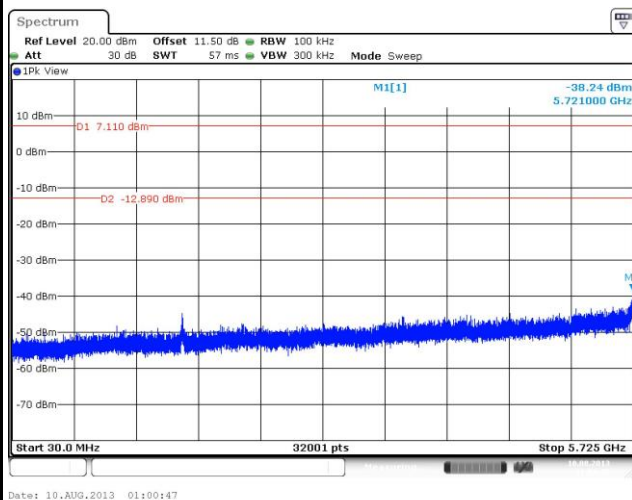
Tx 5825MHz / 30MHz~40GHz (down 20dBc)

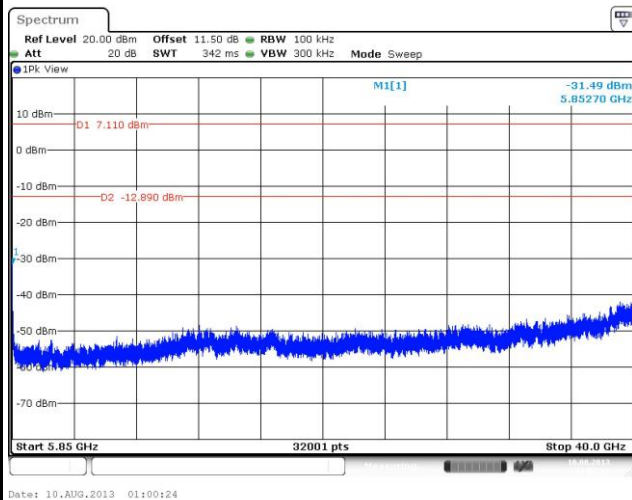


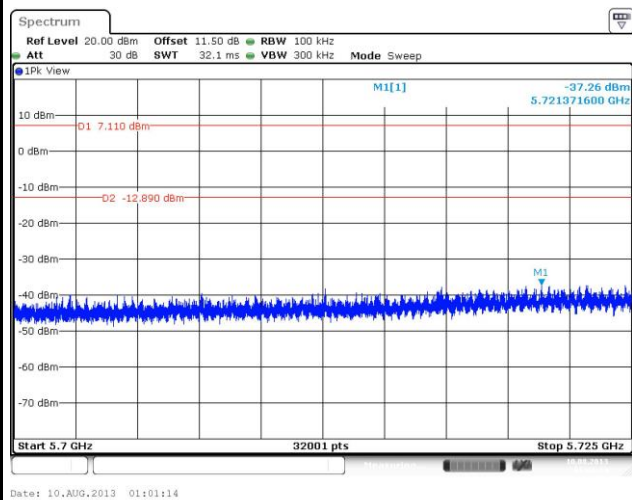
VHT40



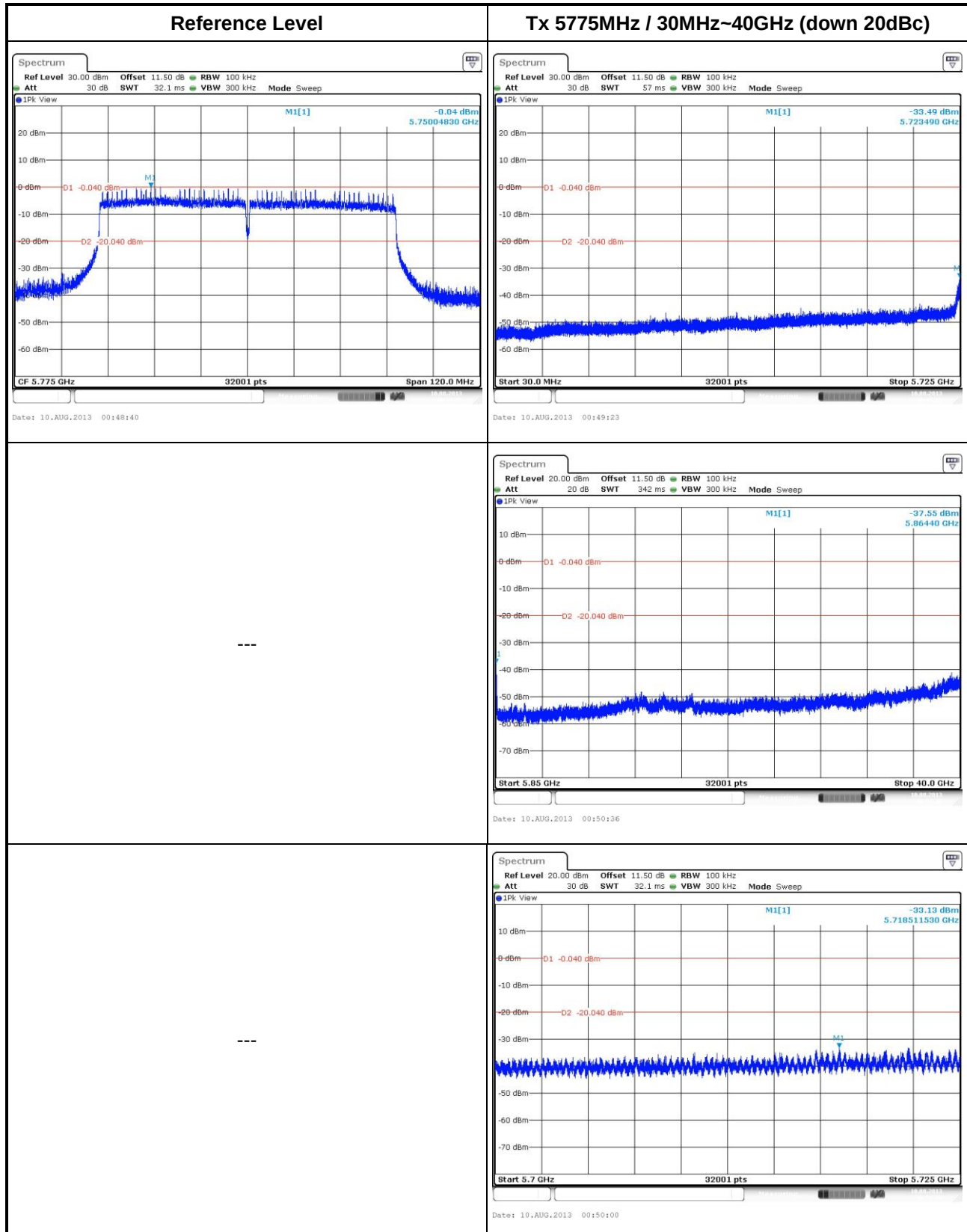
Tx 5795MHz / 30MHz~40GHz (down 20dBc)





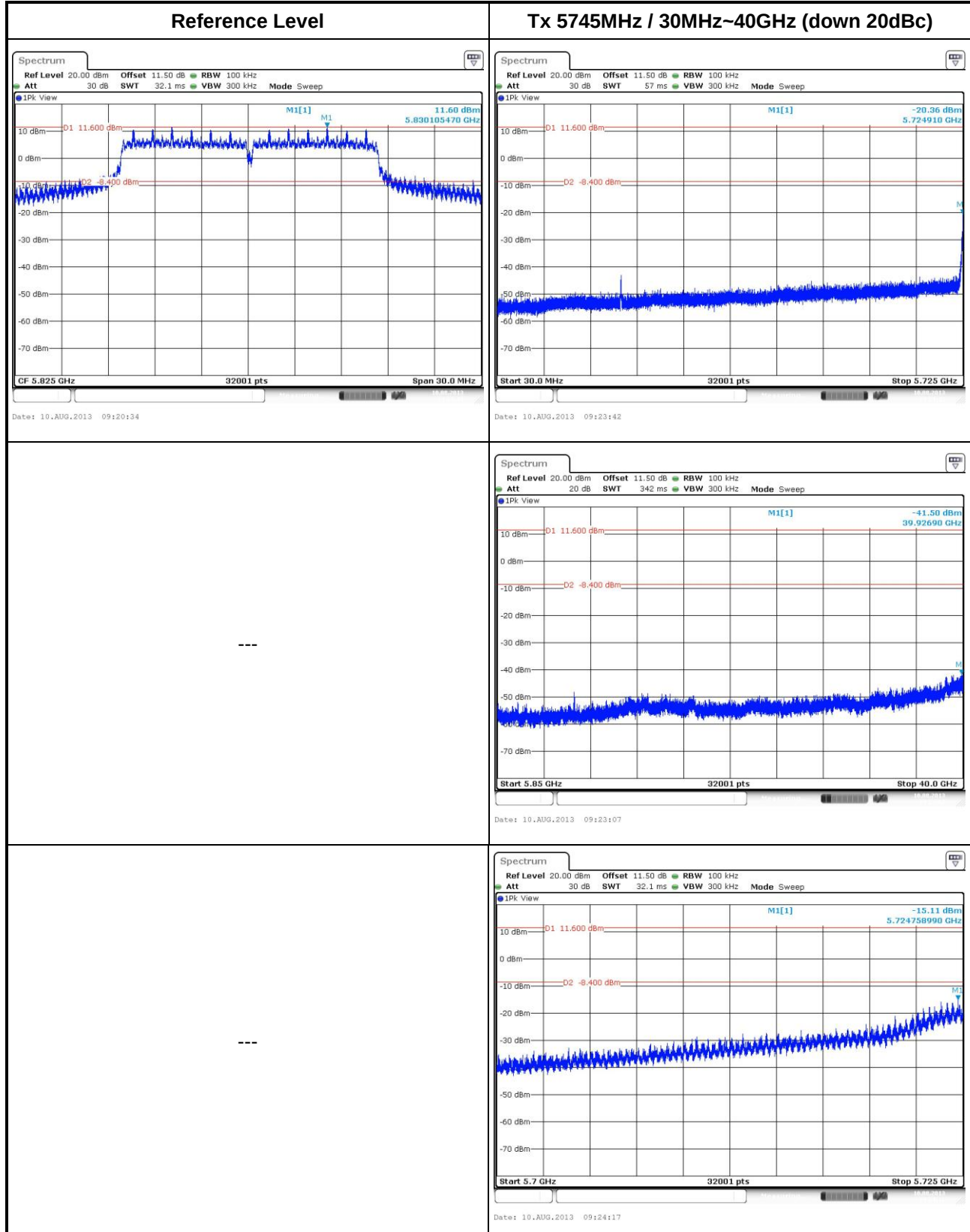


VHT80

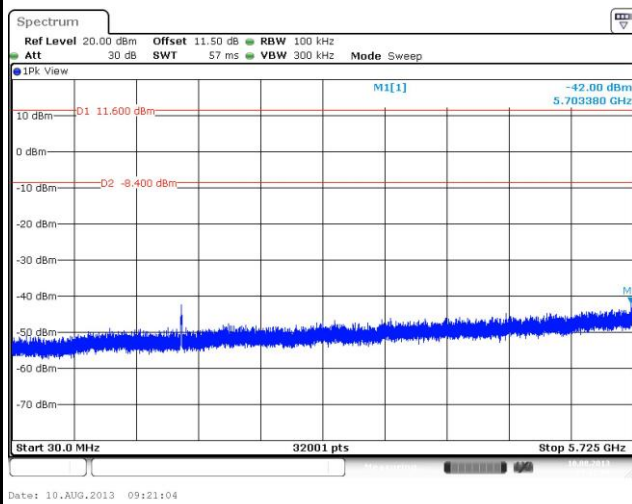


3.6.8 Unwanted Emissions into Non-Restricted Frequency Bands_ Test Configuration 5

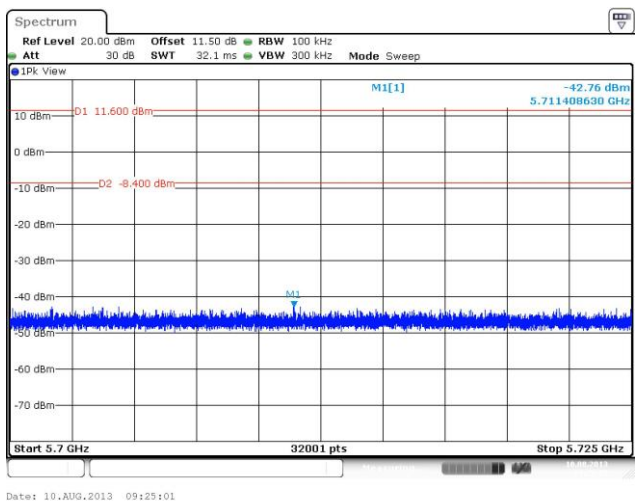
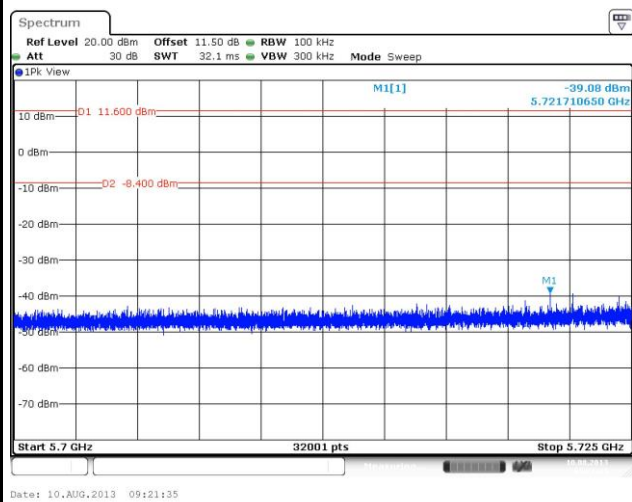
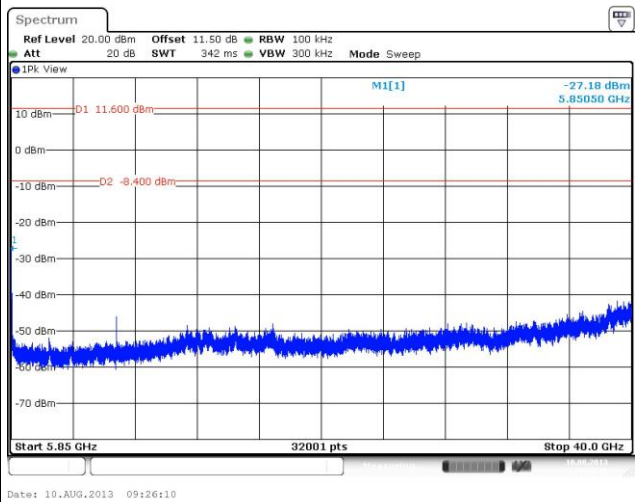
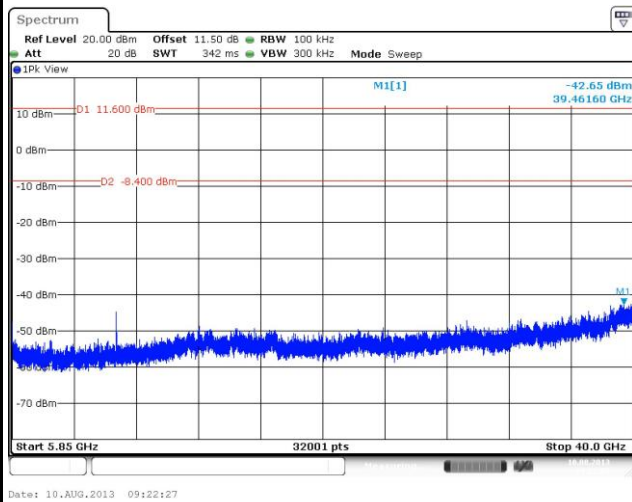
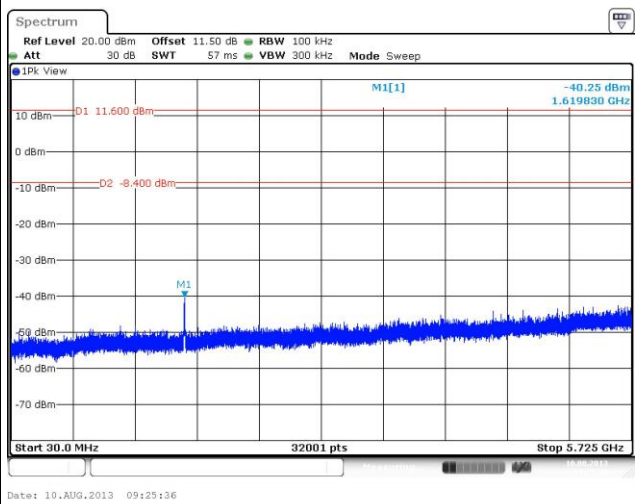
802.11a



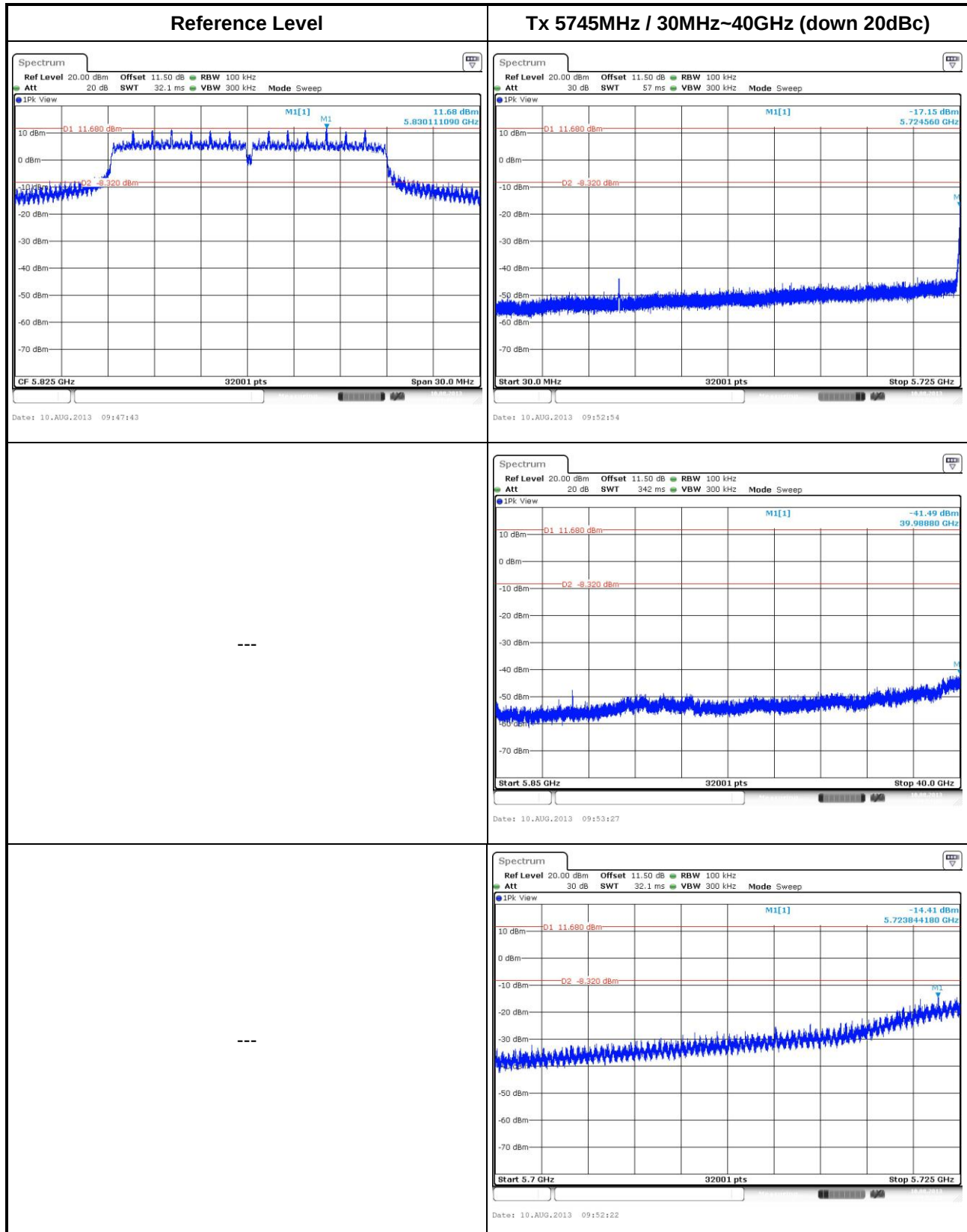
Tx 5785MHz / 30MHz~40GHz (down 20dBc)



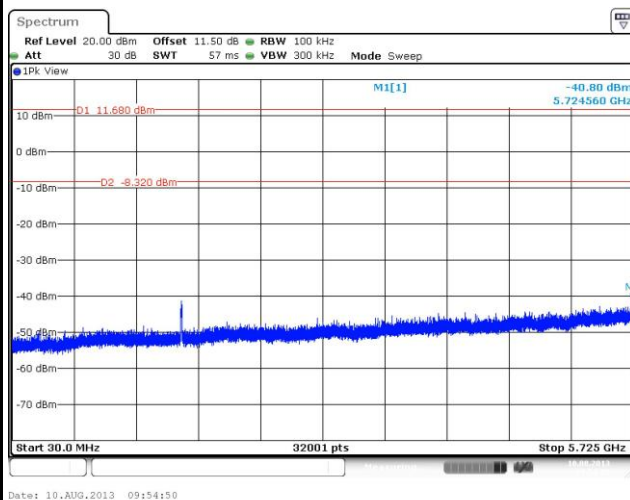
Tx 5825MHz / 30MHz~40GHz (down 20dBc)



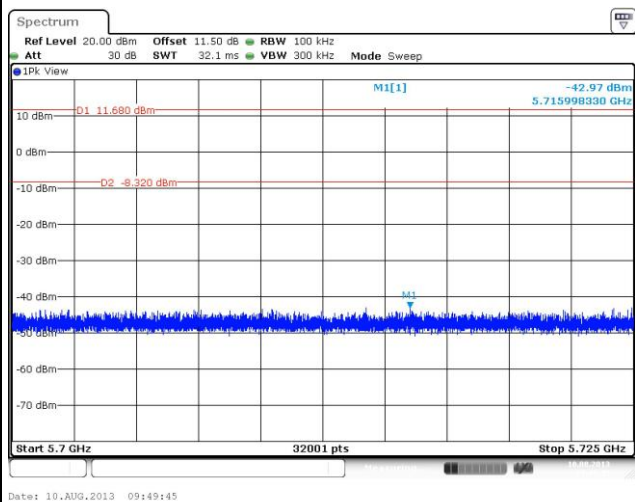
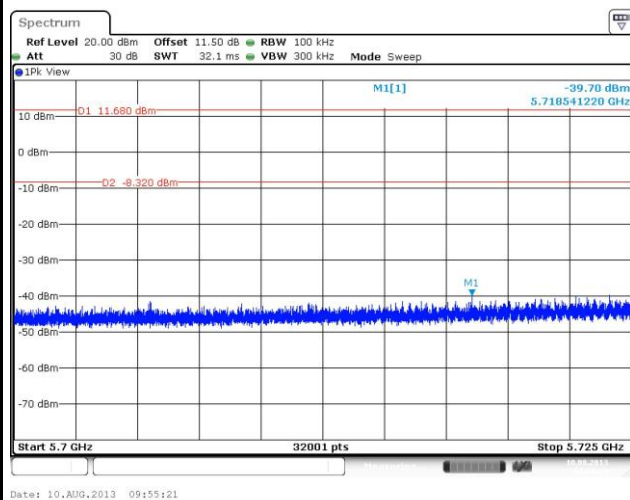
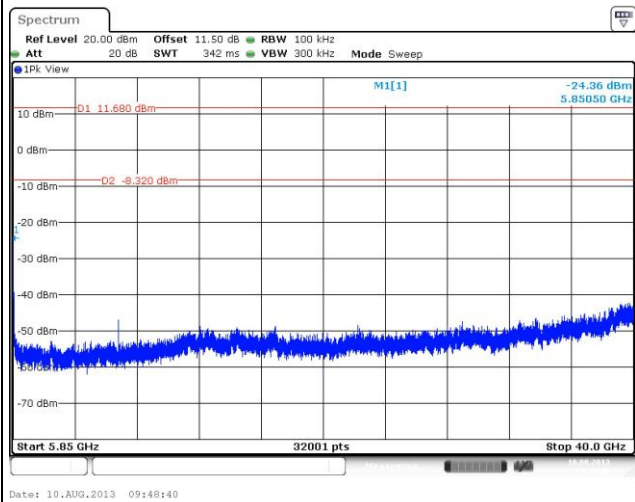
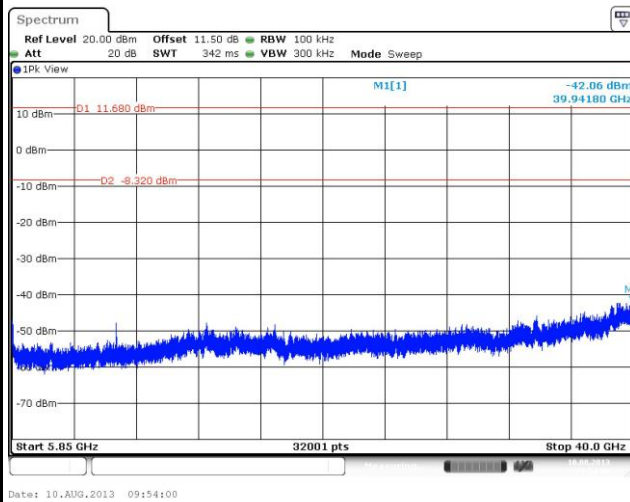
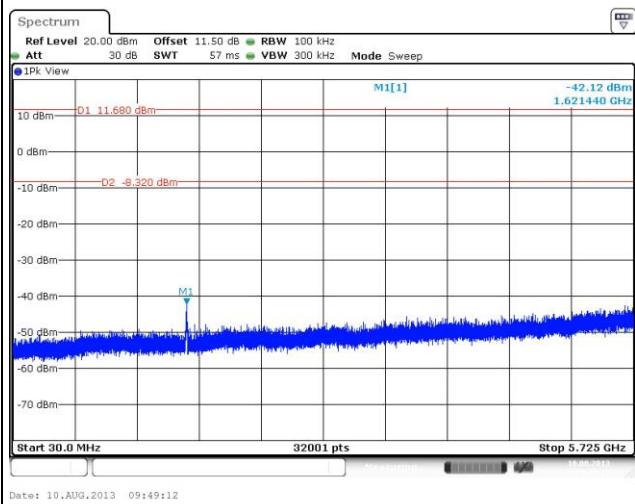
VHT20



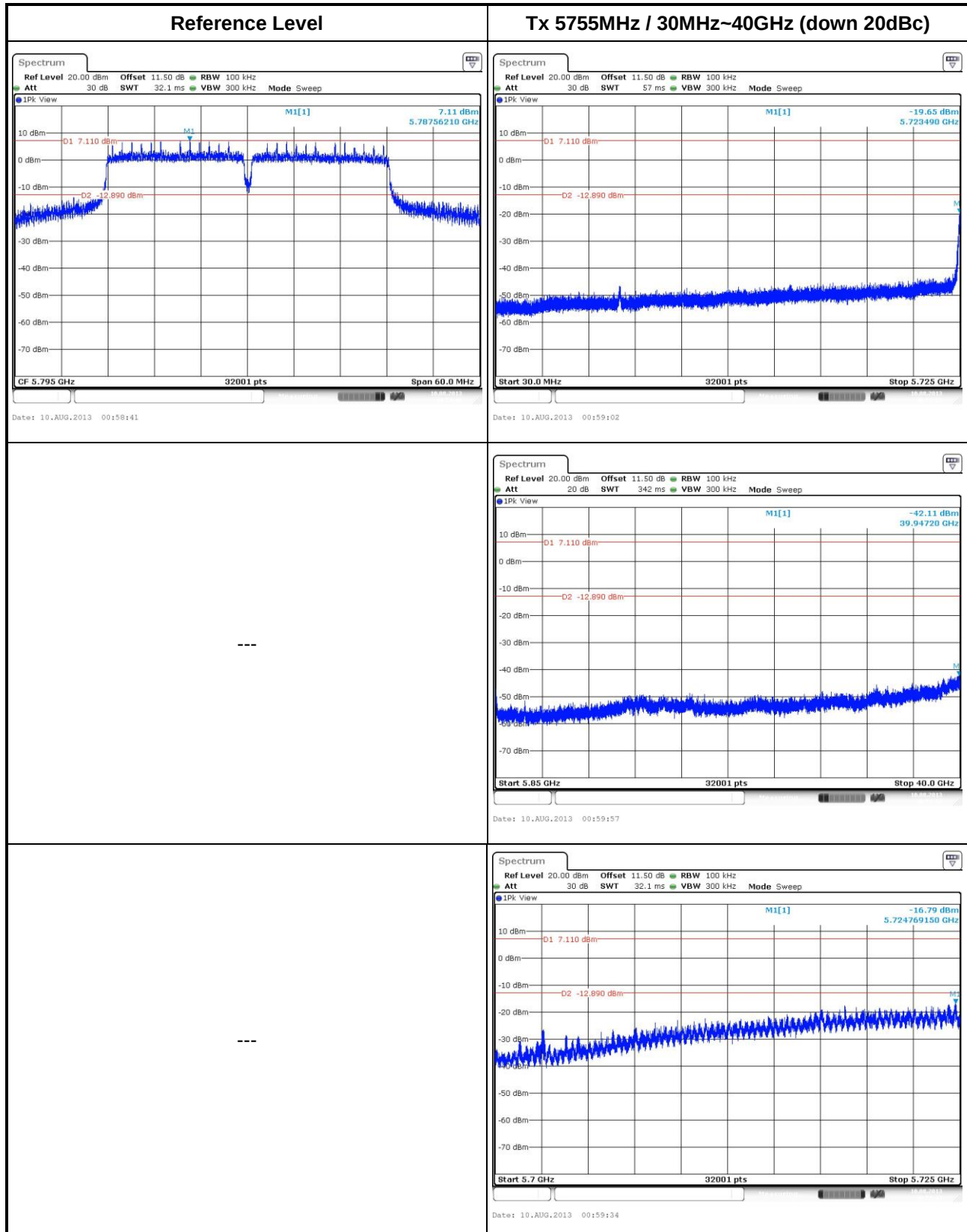
Tx 5785MHz / 30MHz~40GHz (down 20dBc)



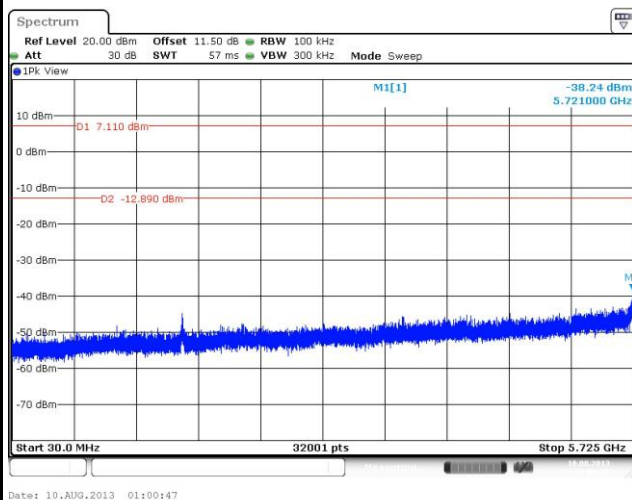
Tx 5825MHz / 30MHz~40GHz (down 20dBc)

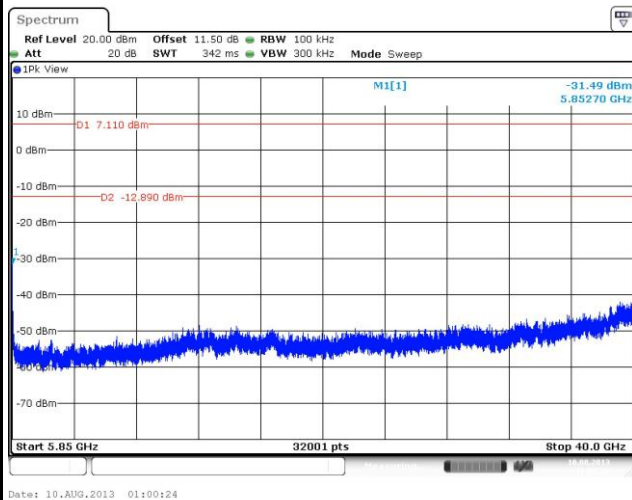


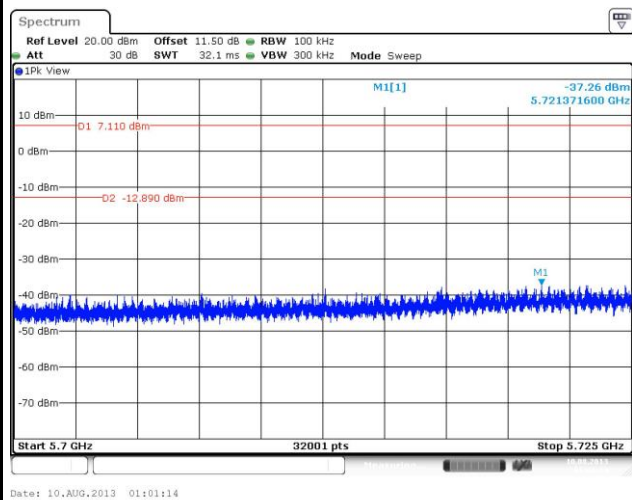
VHT40



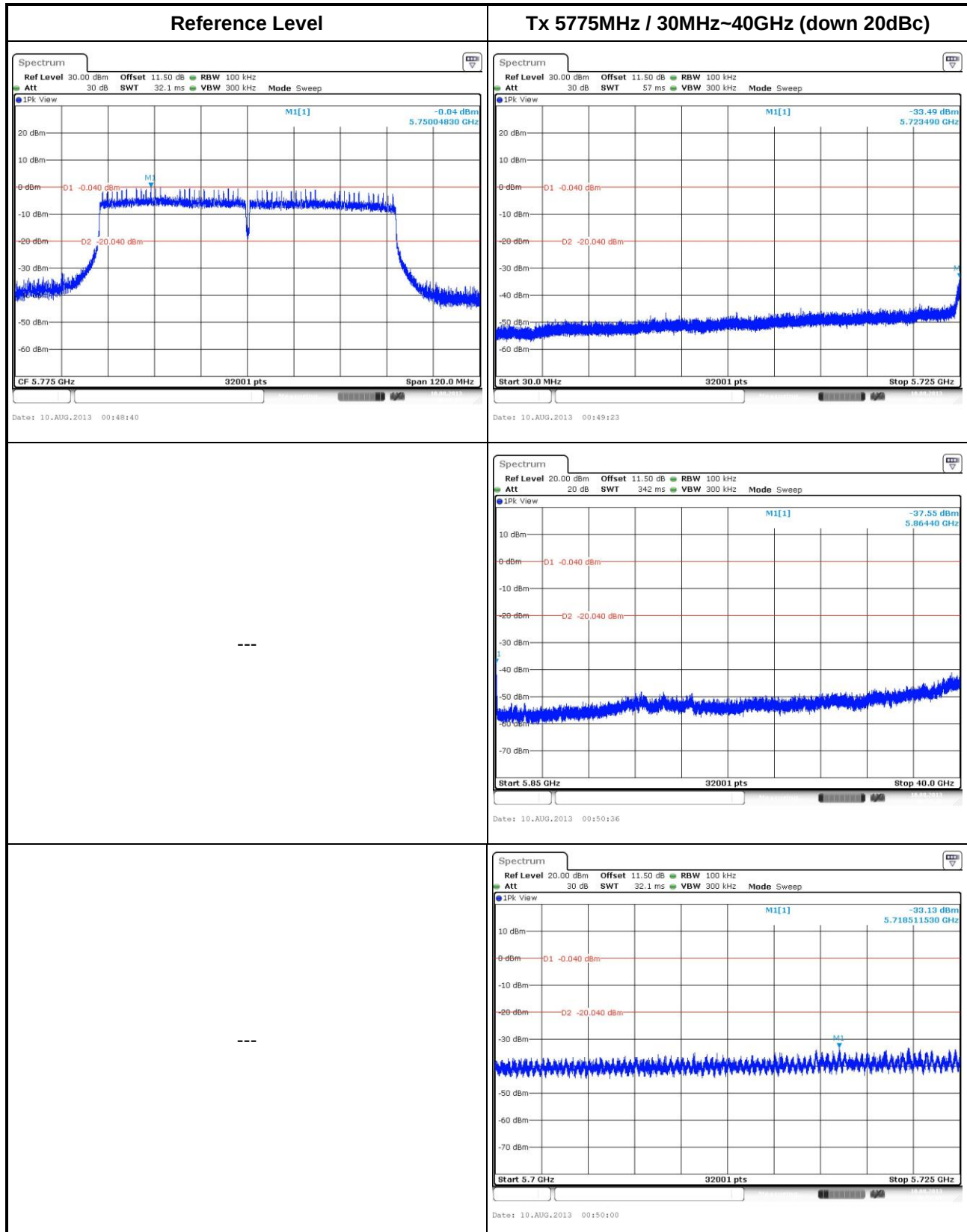
Tx 5795MHz / 30MHz~40GHz (down 20dBc)





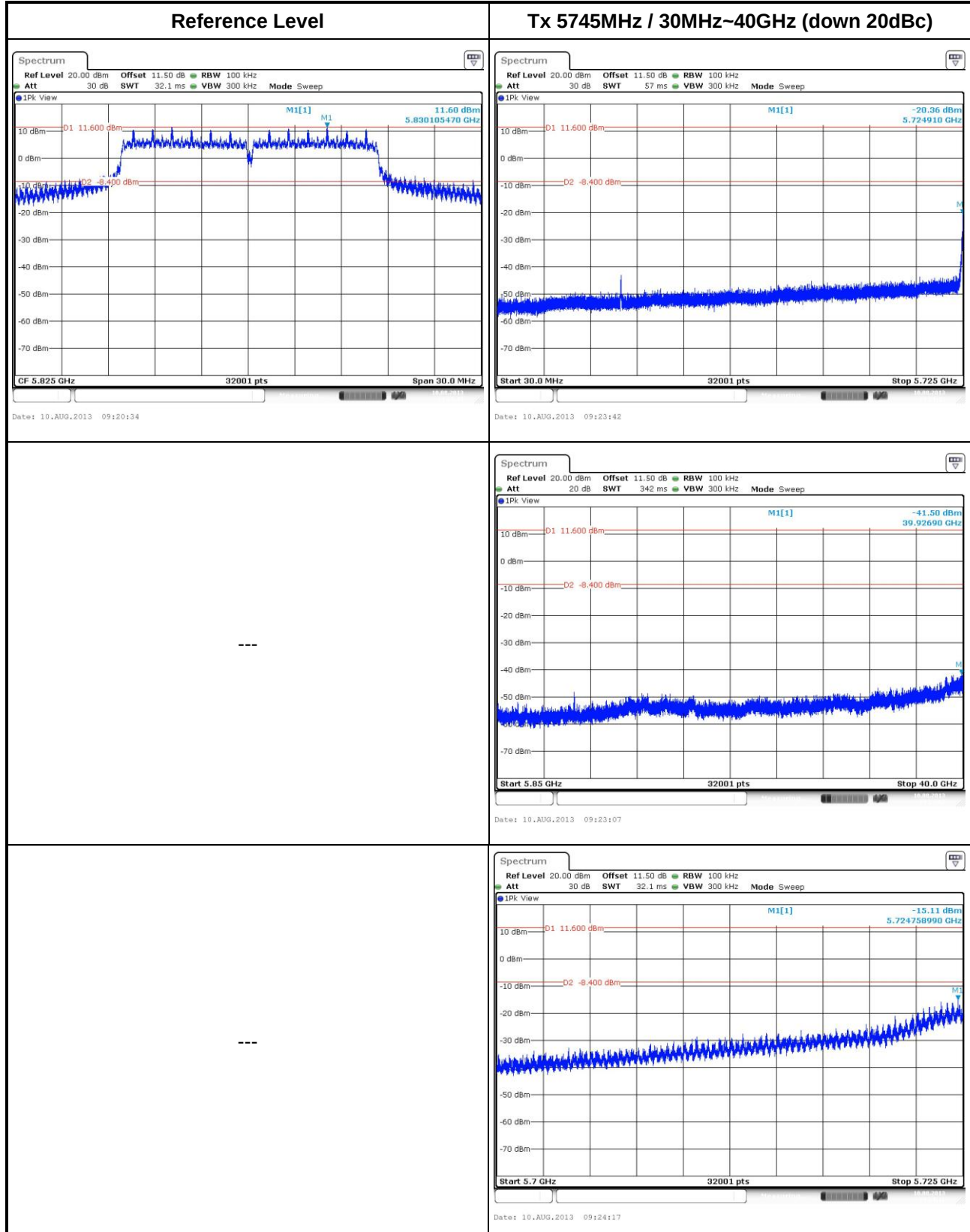


VHT80

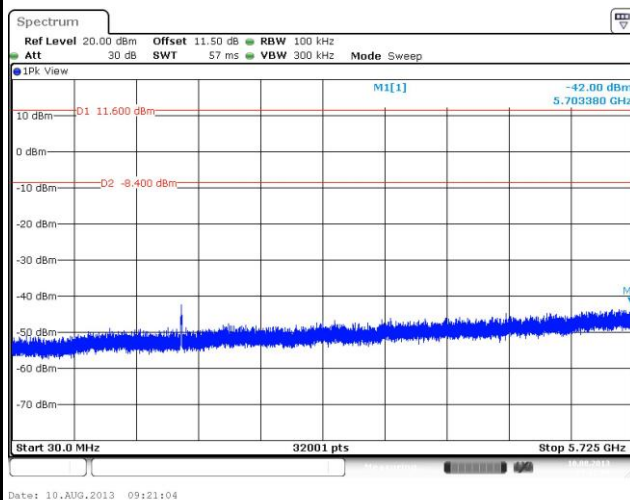


3.6.9 Unwanted Emissions into Non-Restricted Frequency Bands_ Test Configuration 6

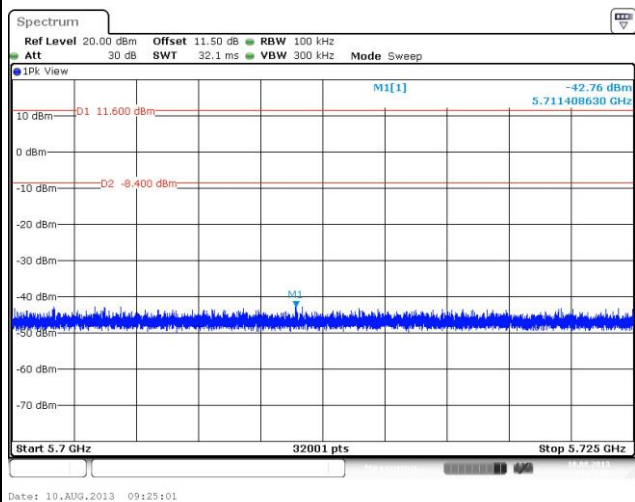
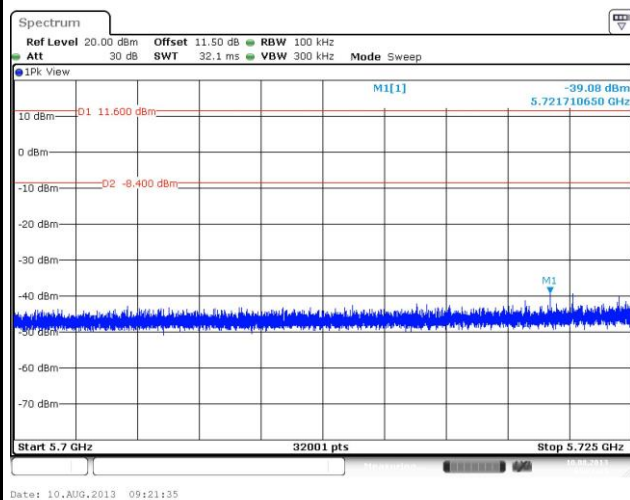
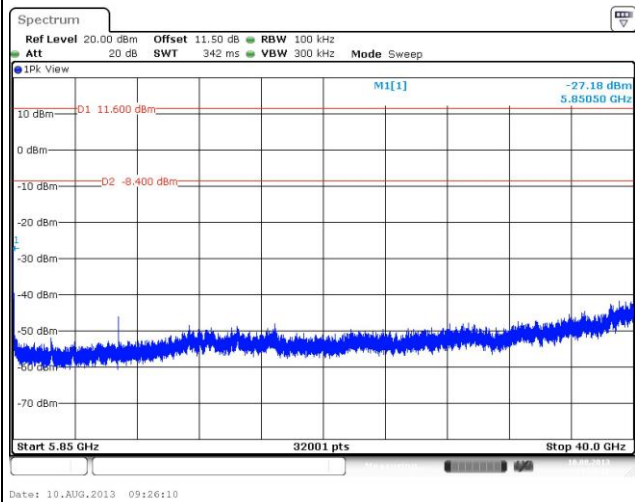
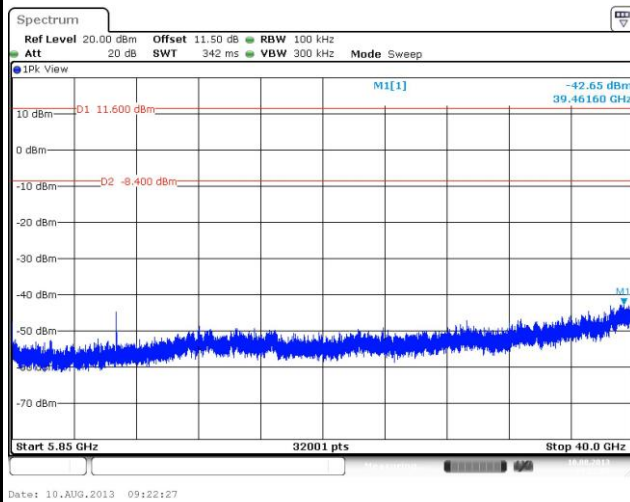
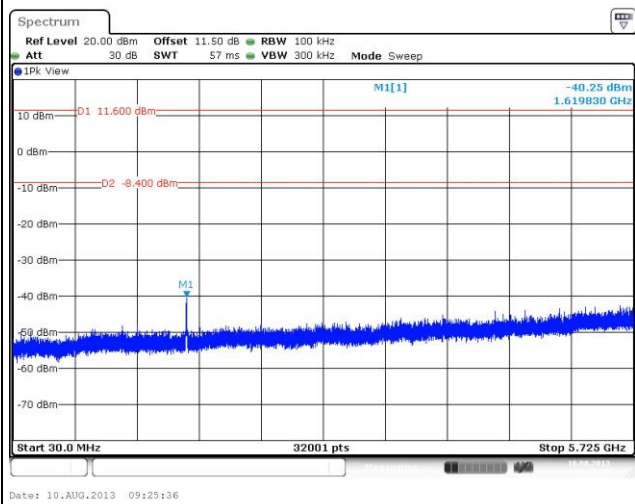
802.11a



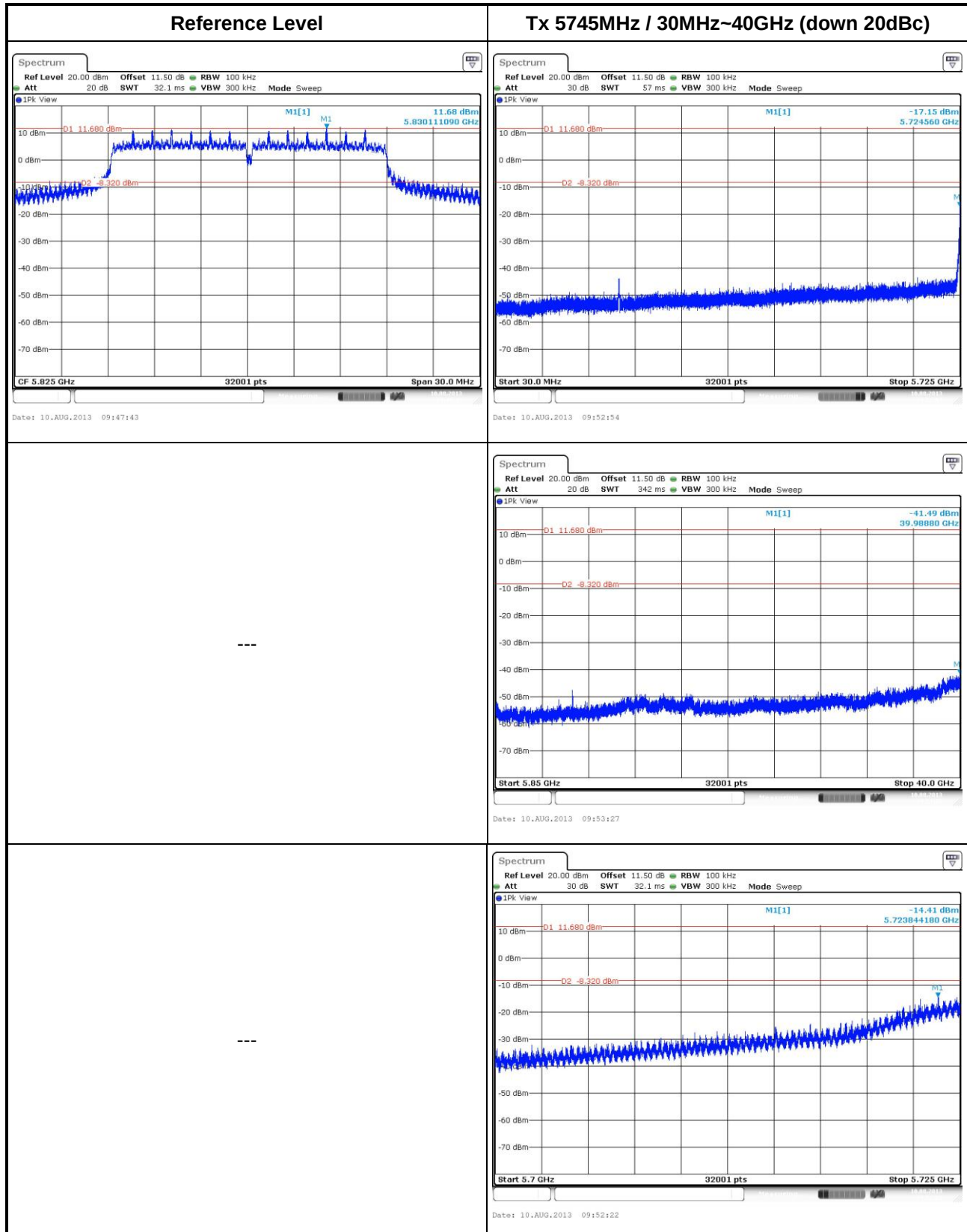
Tx 5785MHz / 30MHz~40GHz (down 20dBc)



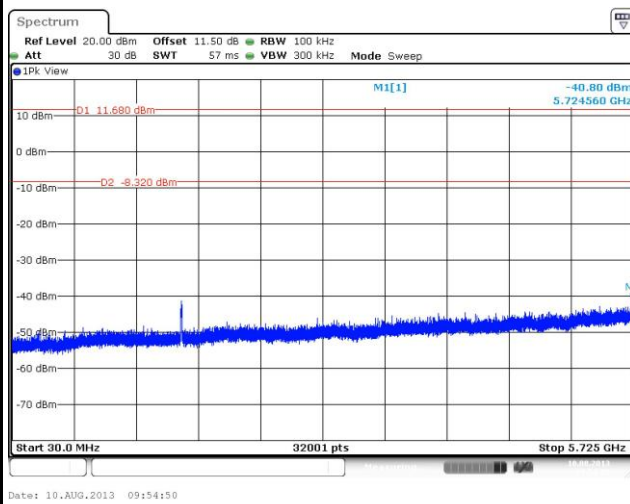
Tx 5825MHz / 30MHz~40GHz (down 20dBc)



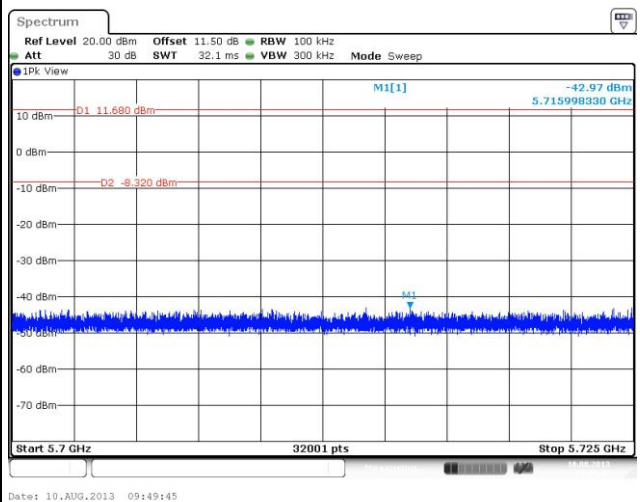
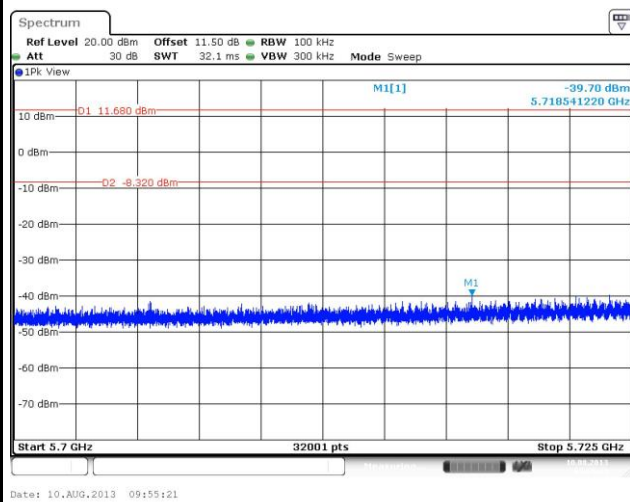
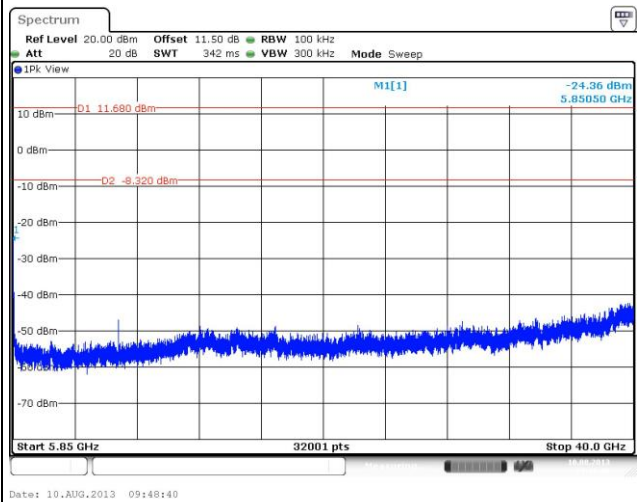
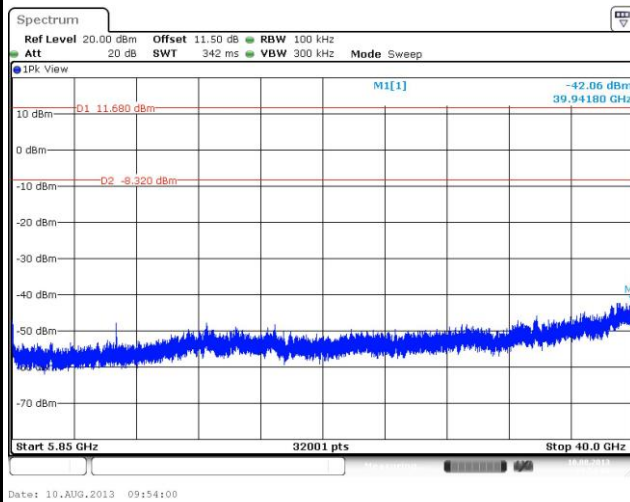
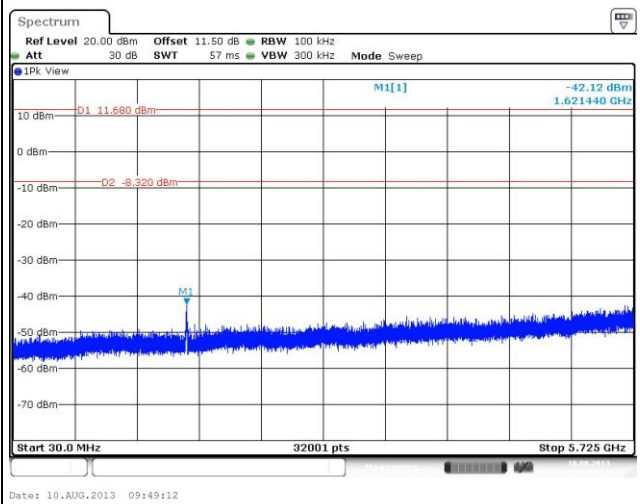
VHT20



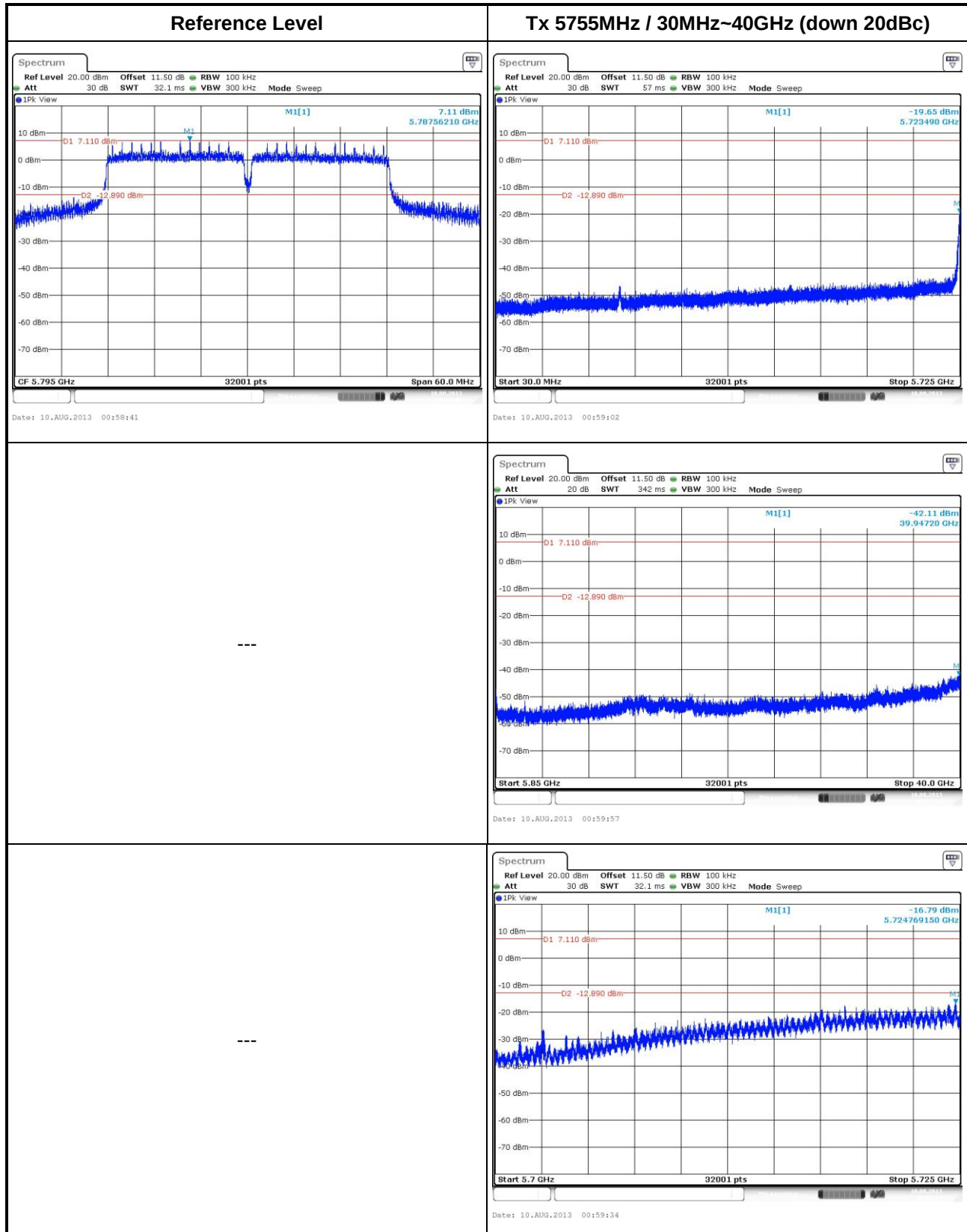
Tx 5785MHz / 30MHz~40GHz (down 20dBc)



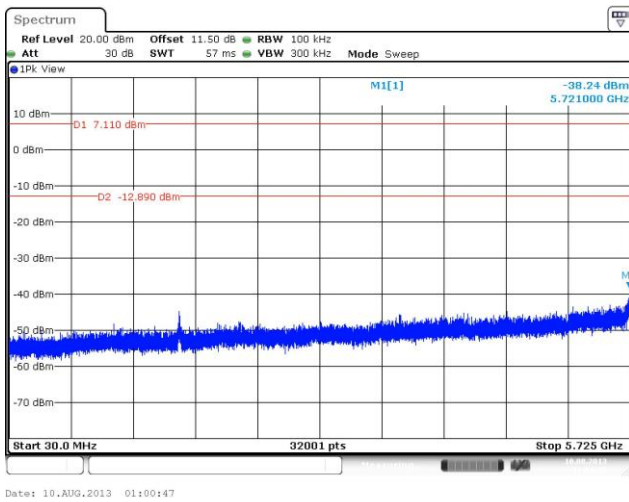
Tx 5825MHz / 30MHz~40GHz (down 20dBc)

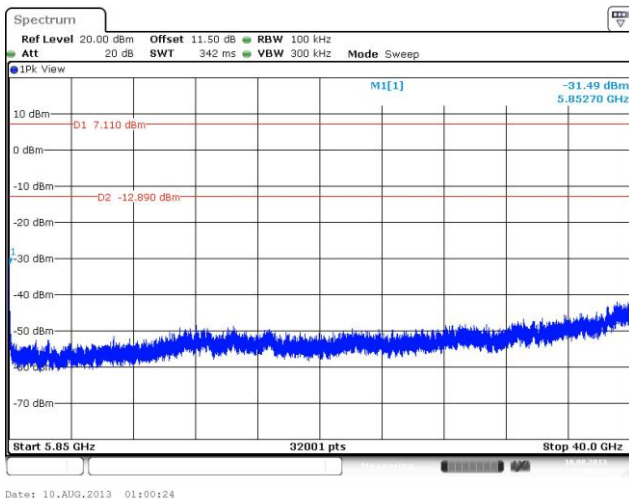


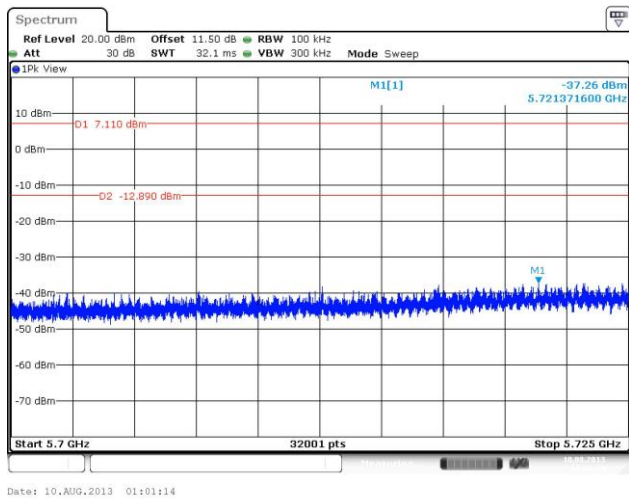
VHT40



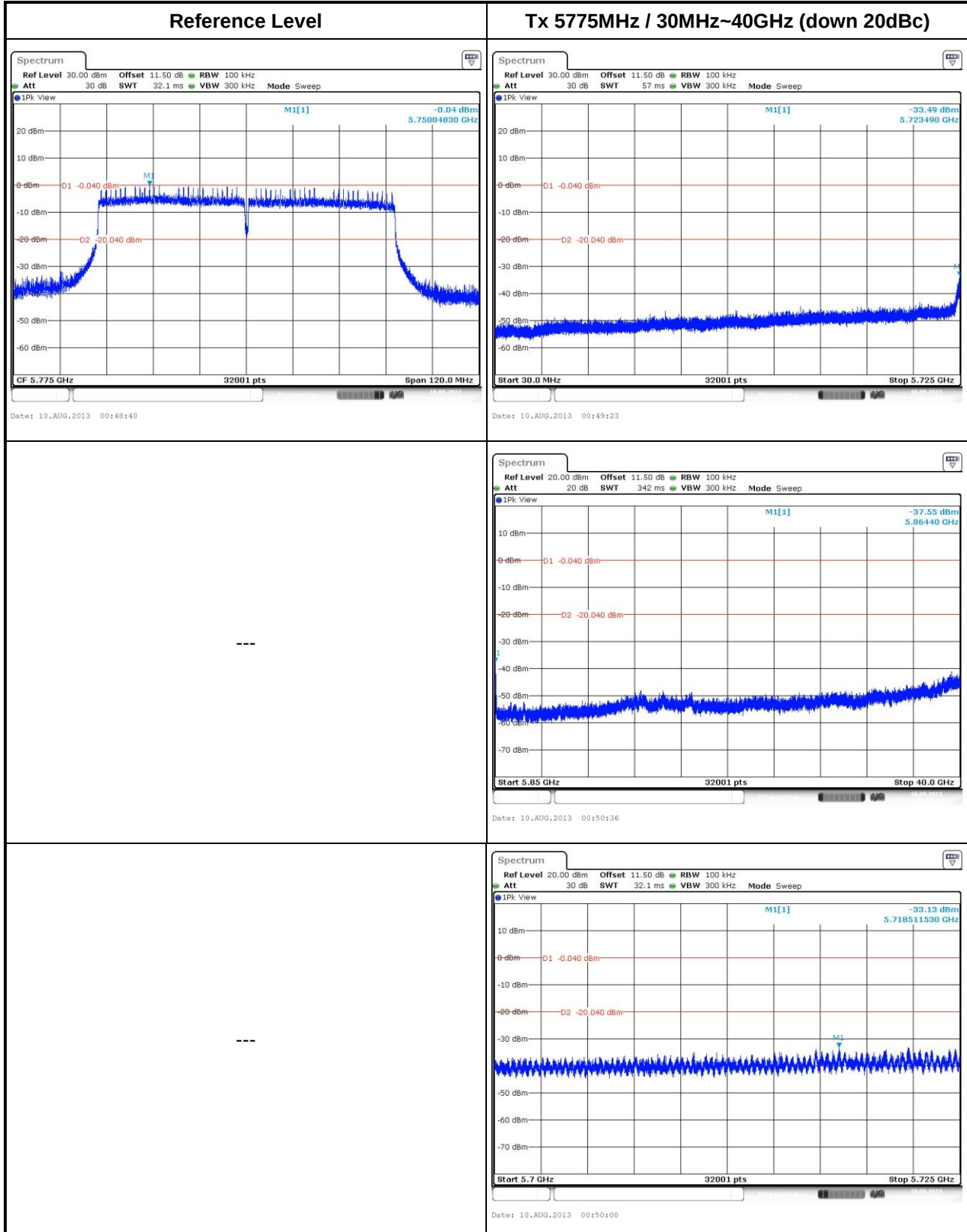
Tx 5795MHz / 30MHz~40GHz (down 20dBc)







VHT80



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, 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

Tel: 886-3-271-8666

No. 30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan, R.O.C.

Kwei Shan

Tel: 886-3-271-8666

No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan Hsiang, Tao Yuan Hsien 333, Taiwan, R.O.C.

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

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Email: ICC_Service@icertifi.com.tw

==END==