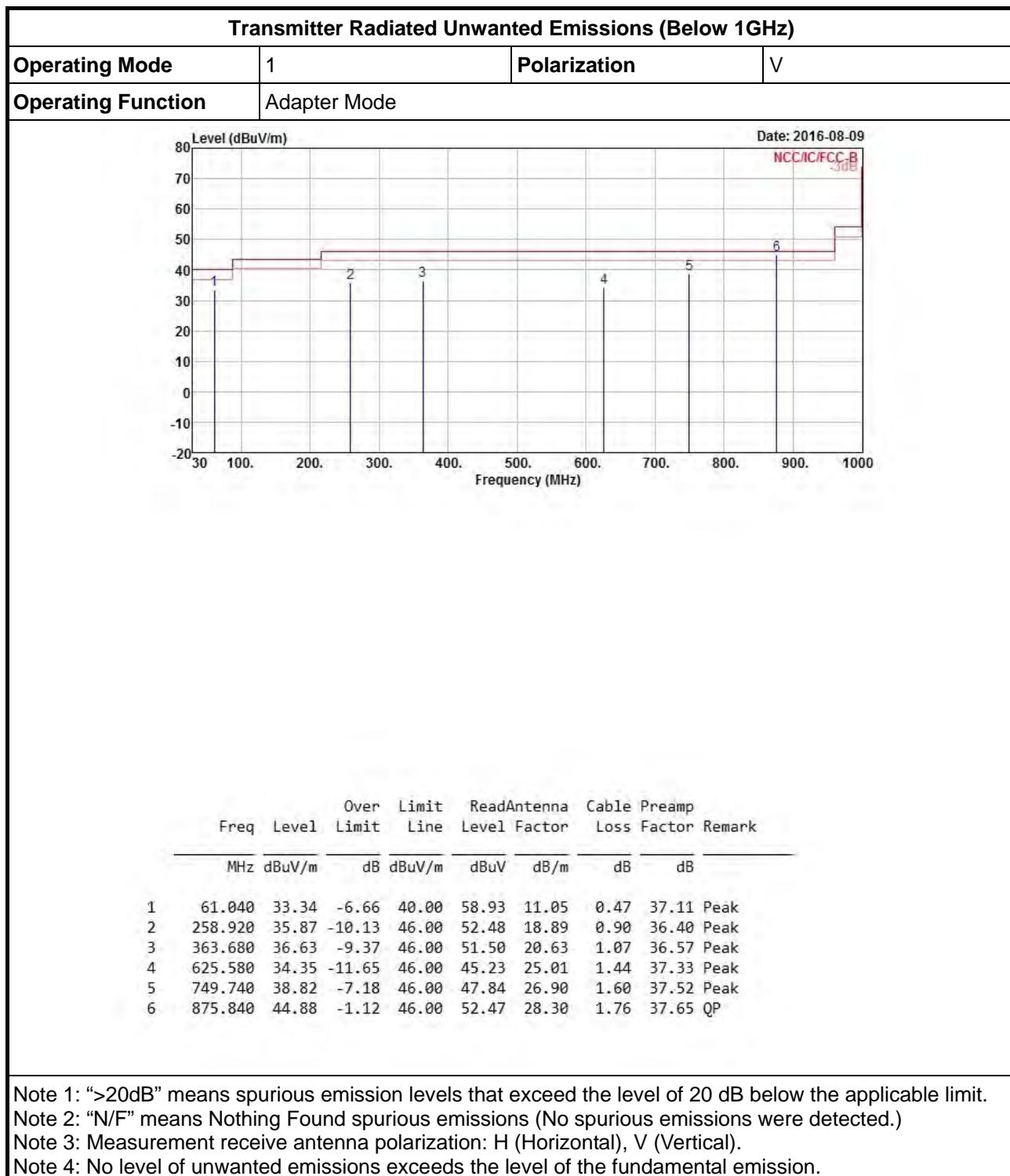
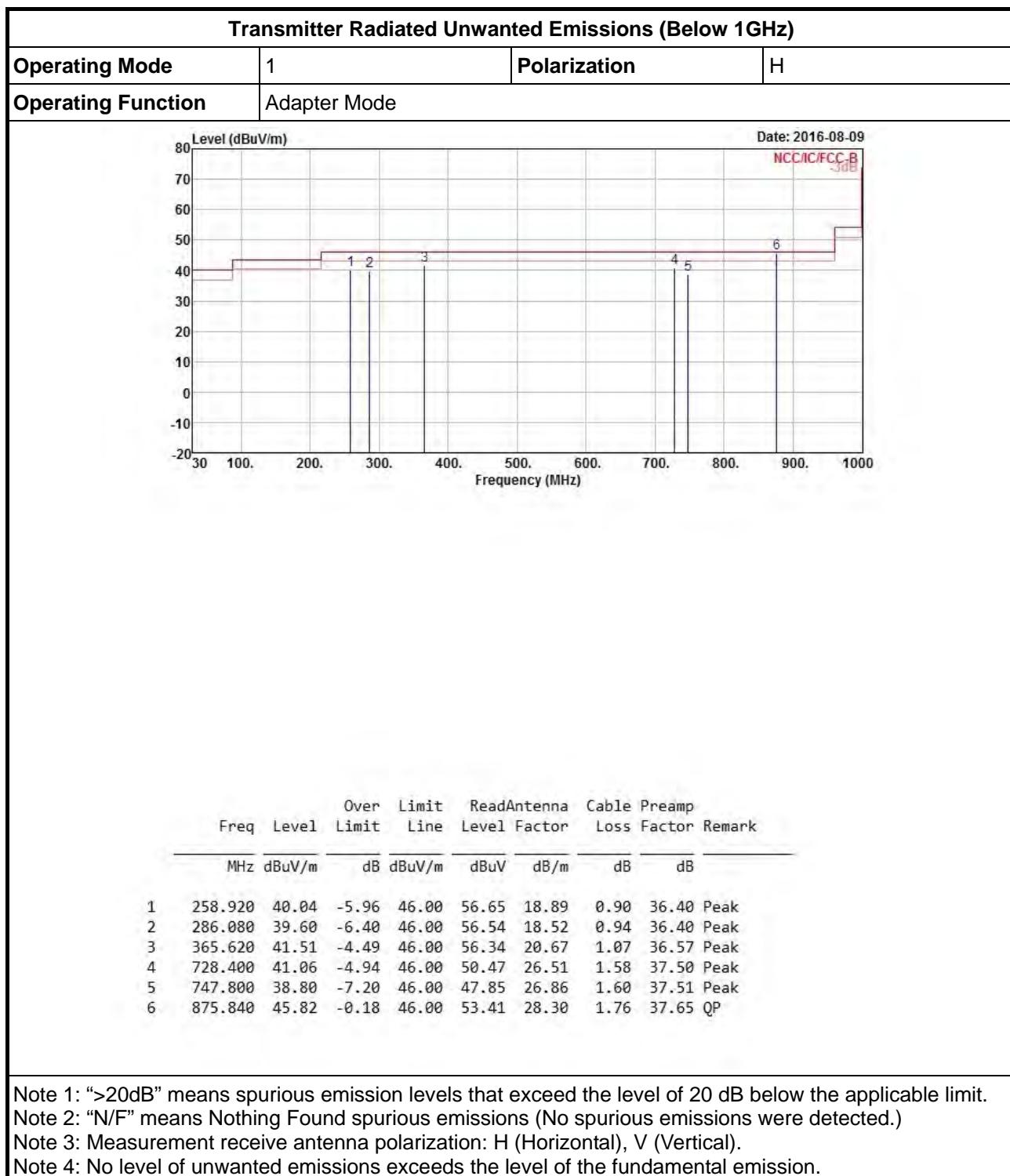
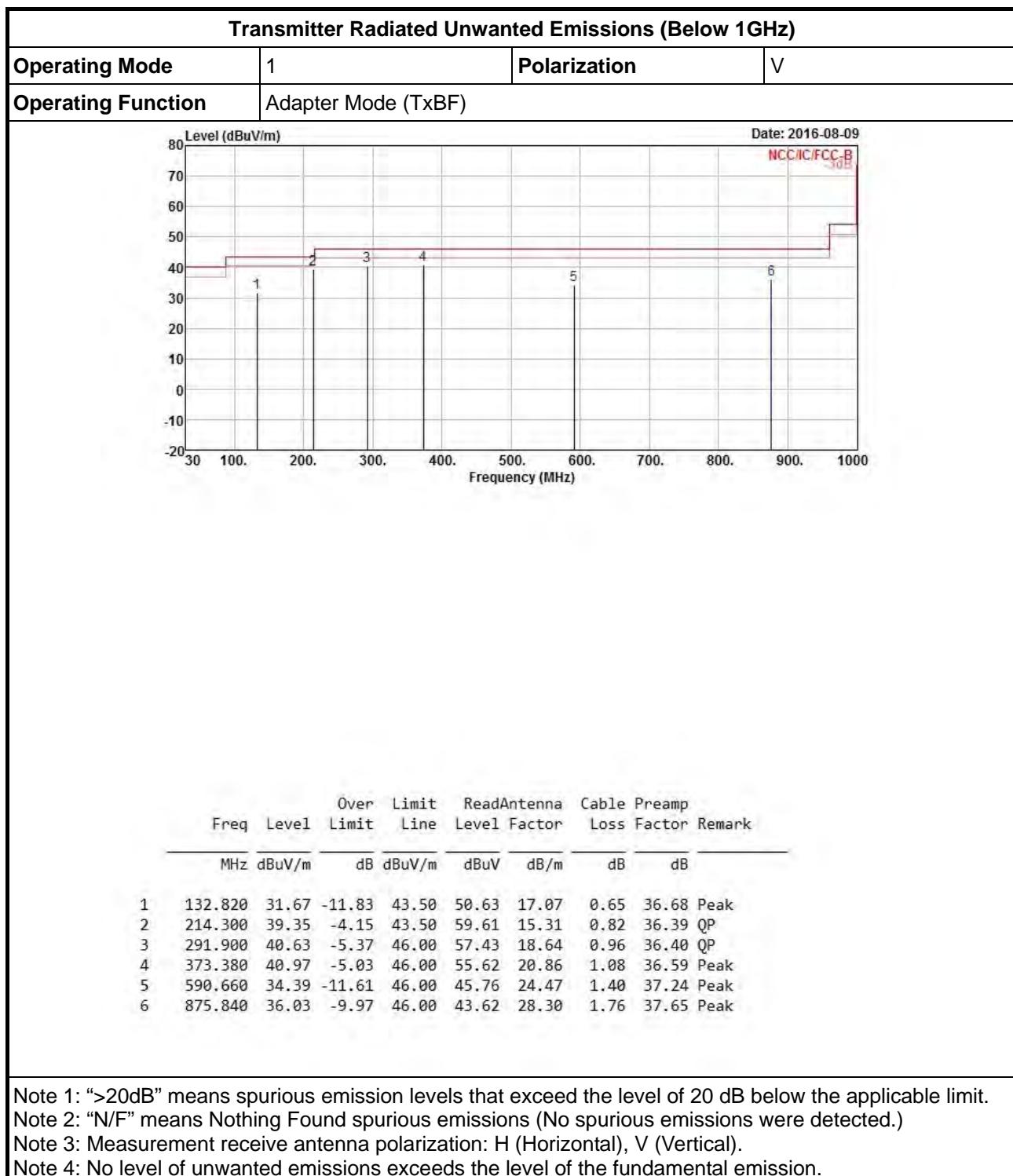


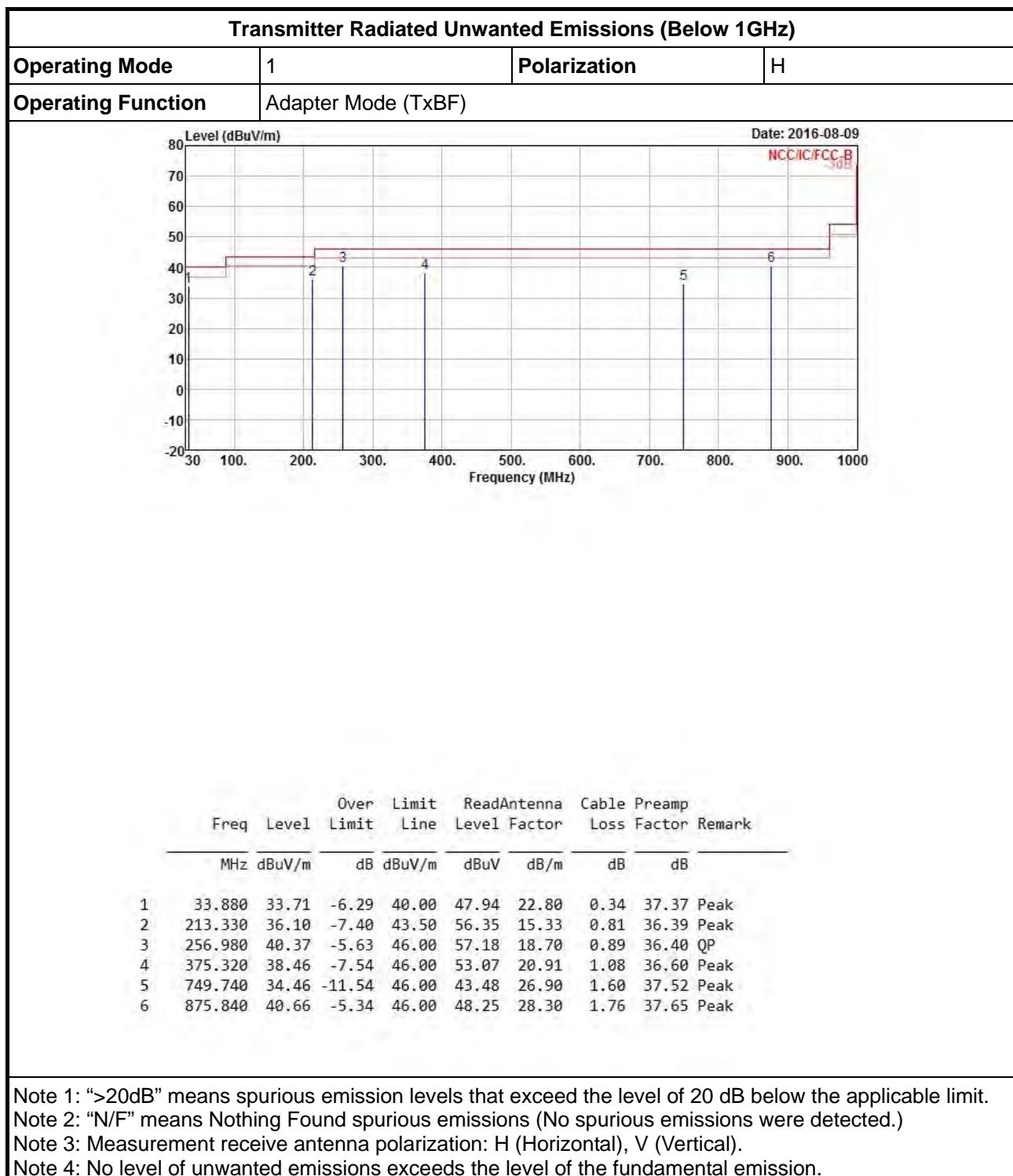


Transmitter Radiated Unwanted Emissions (Below 1GHz)



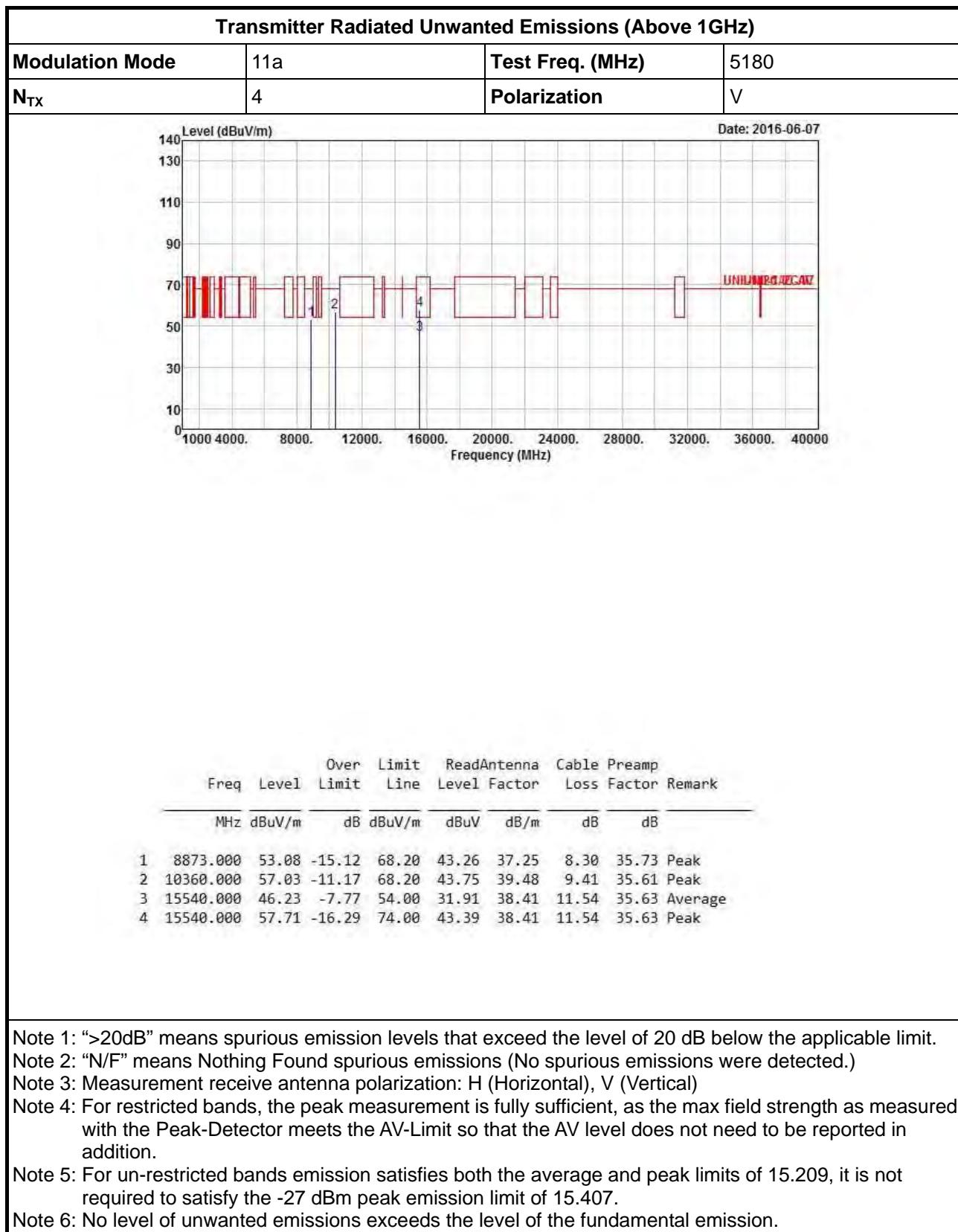


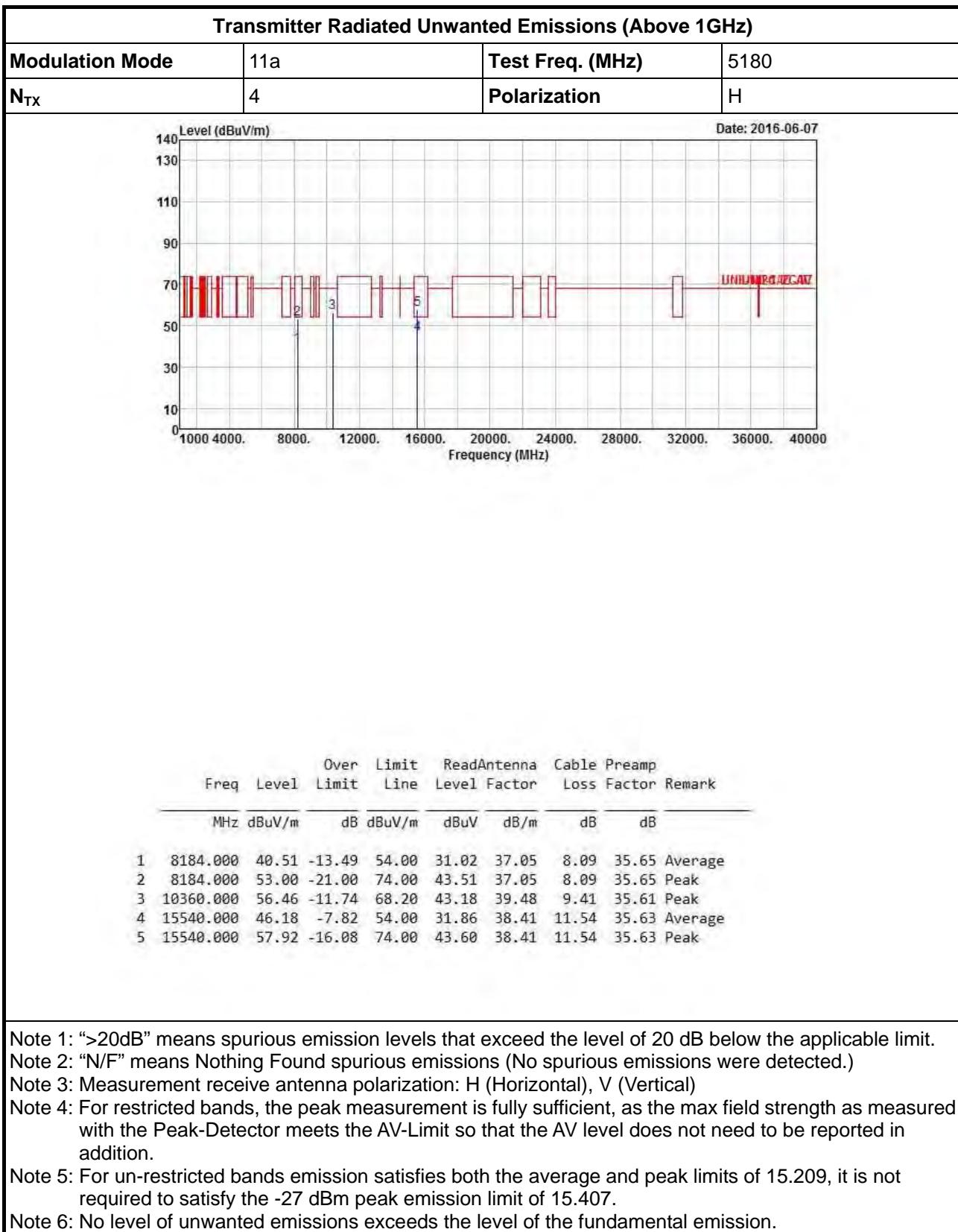


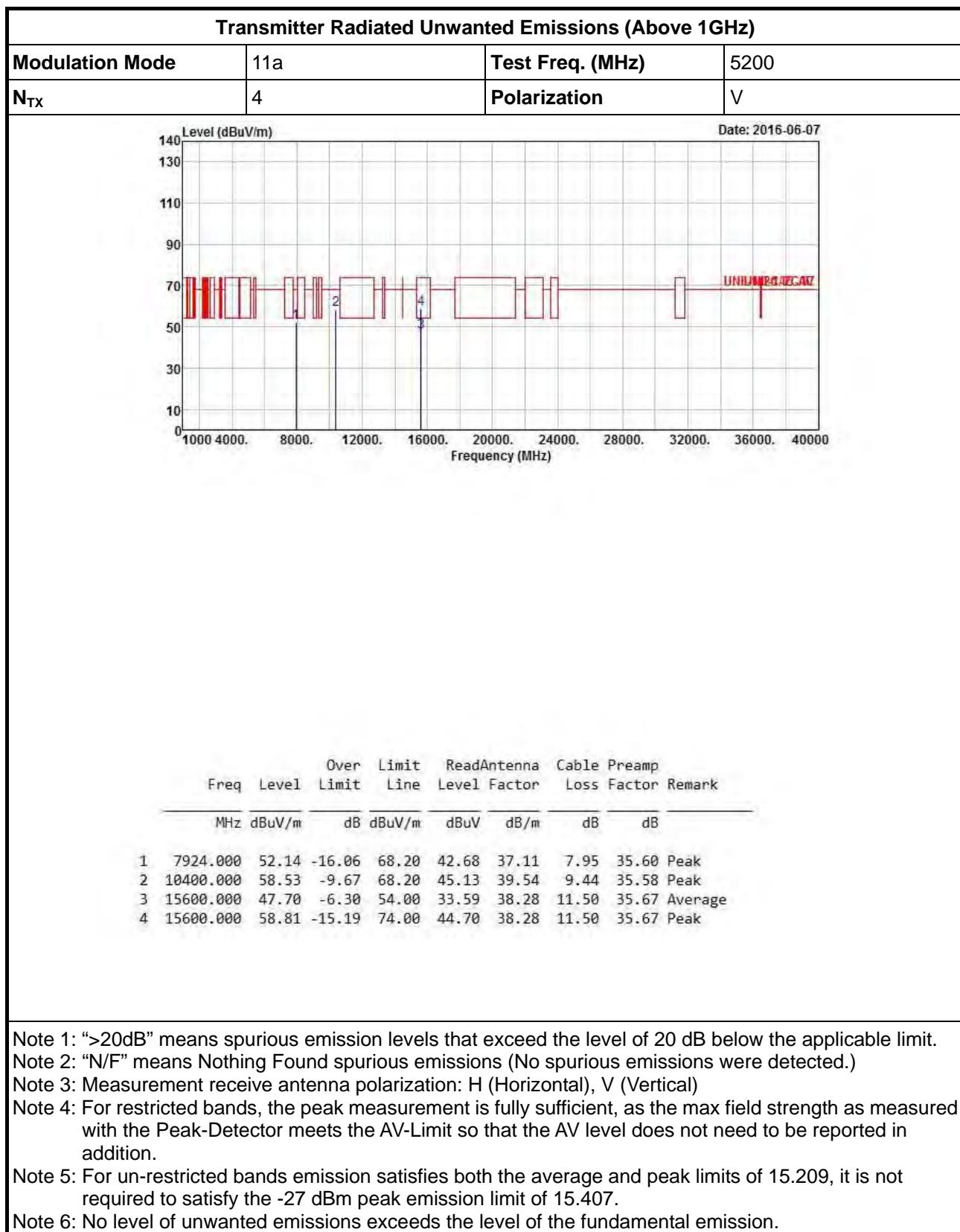


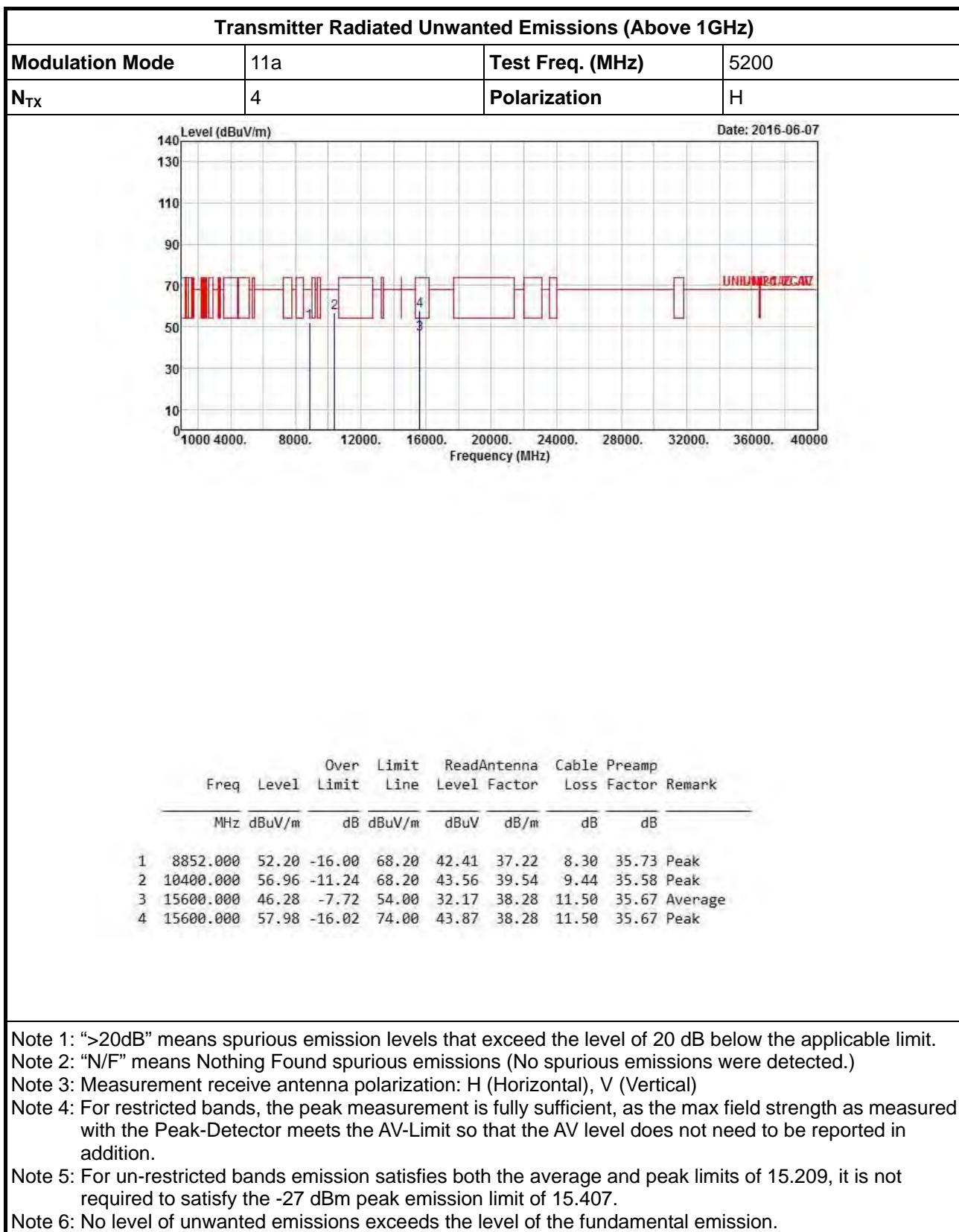


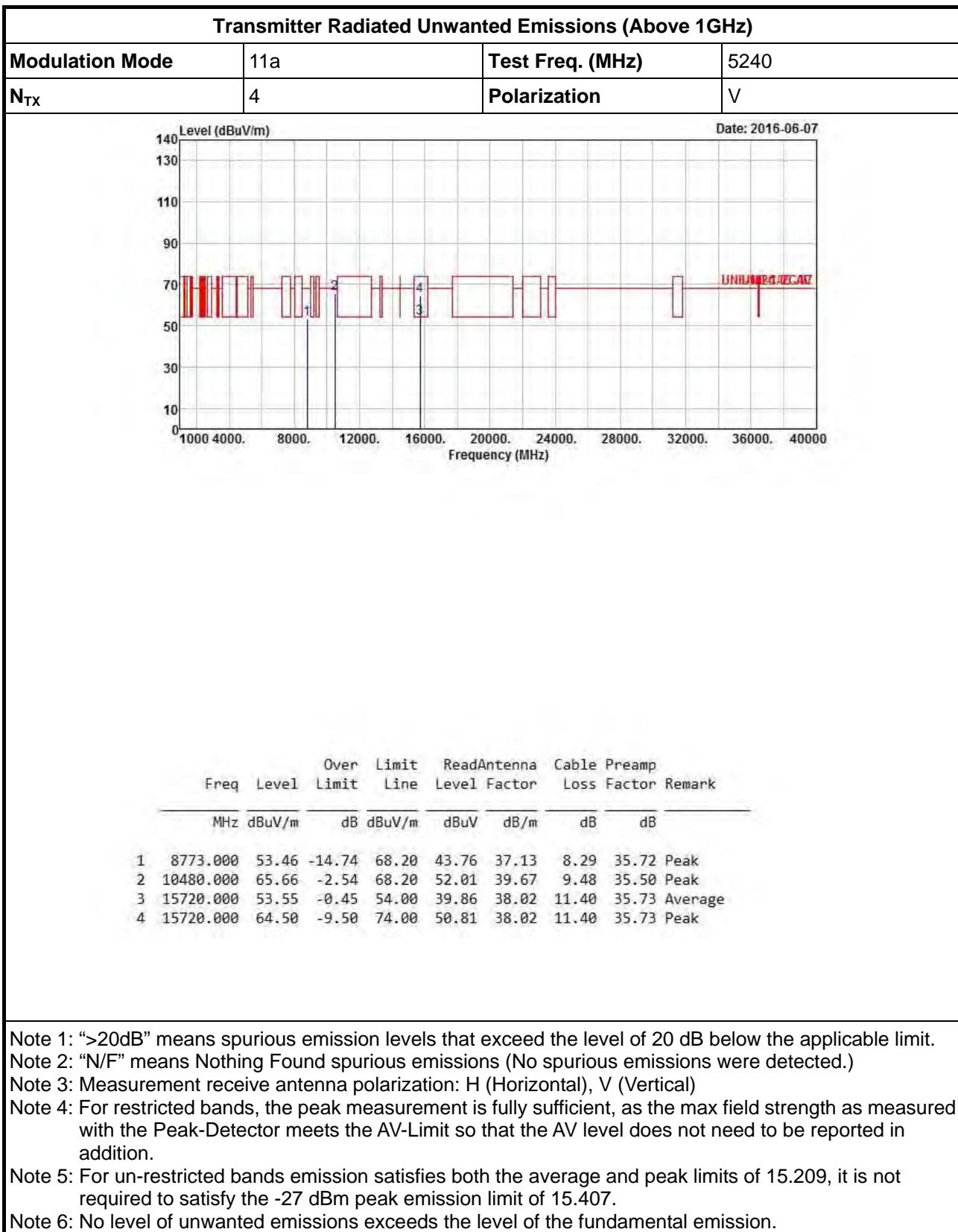
Transmitter Radiated Unwanted Emissions (Above 1GHz) for 5150-5250MHz

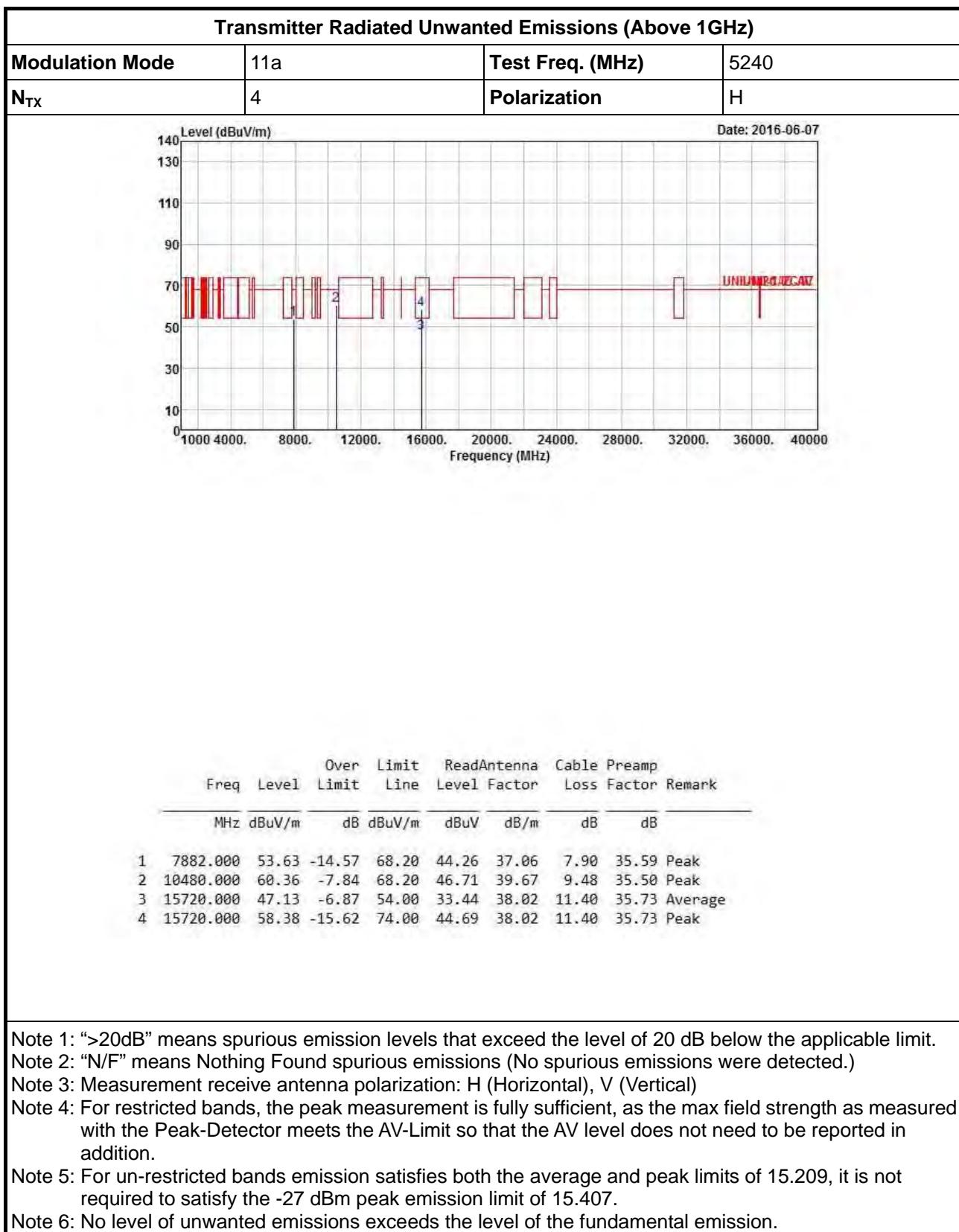


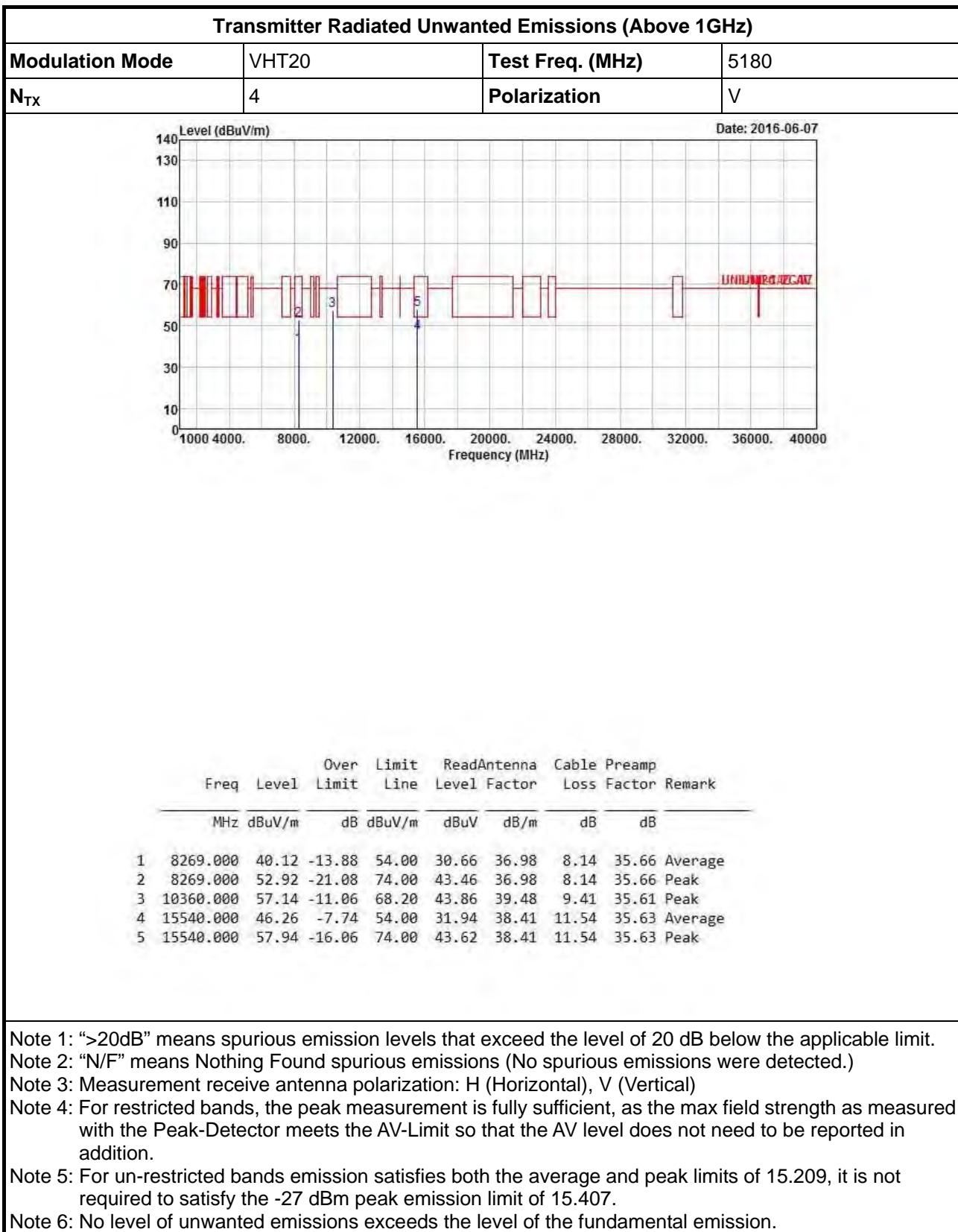


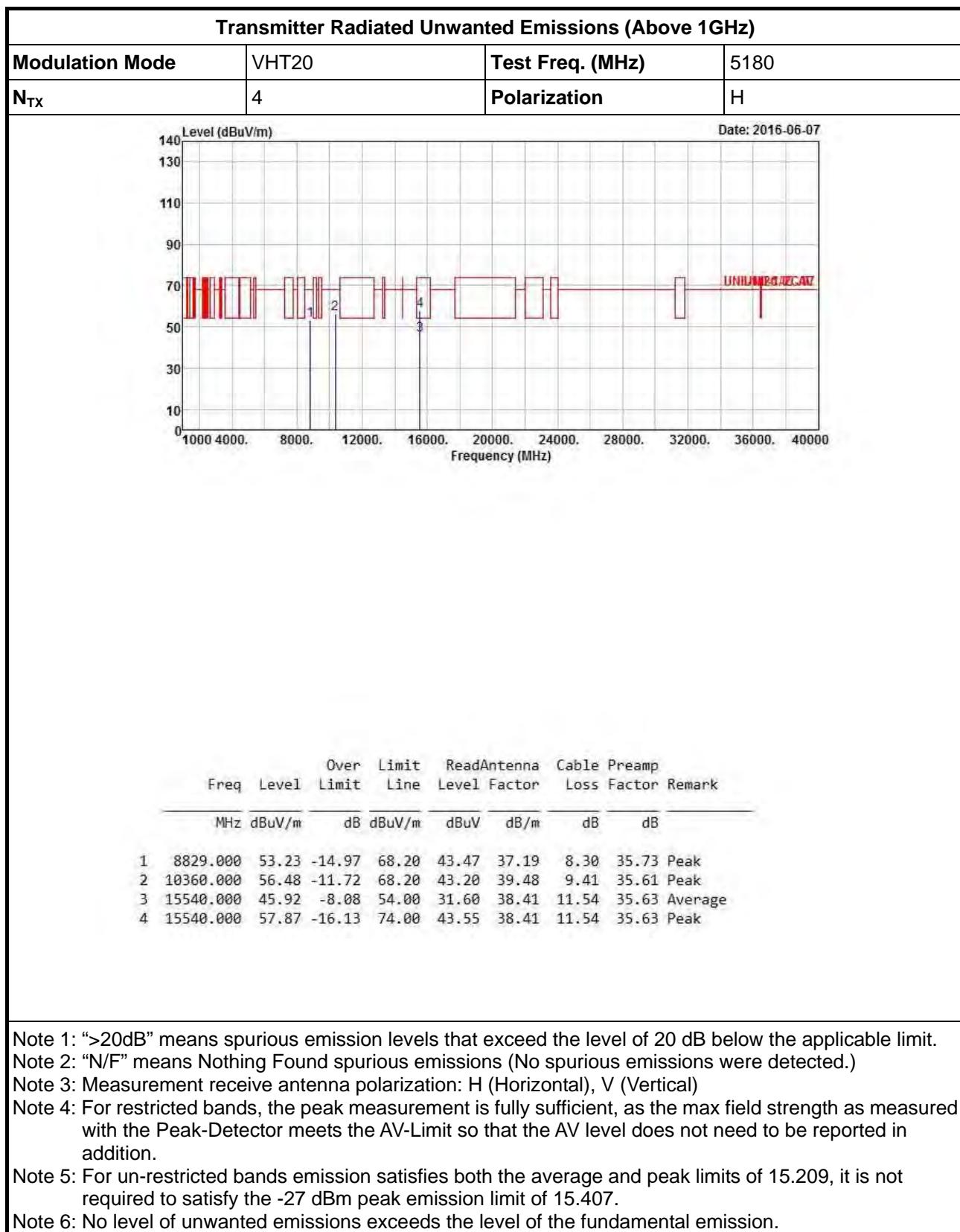












Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

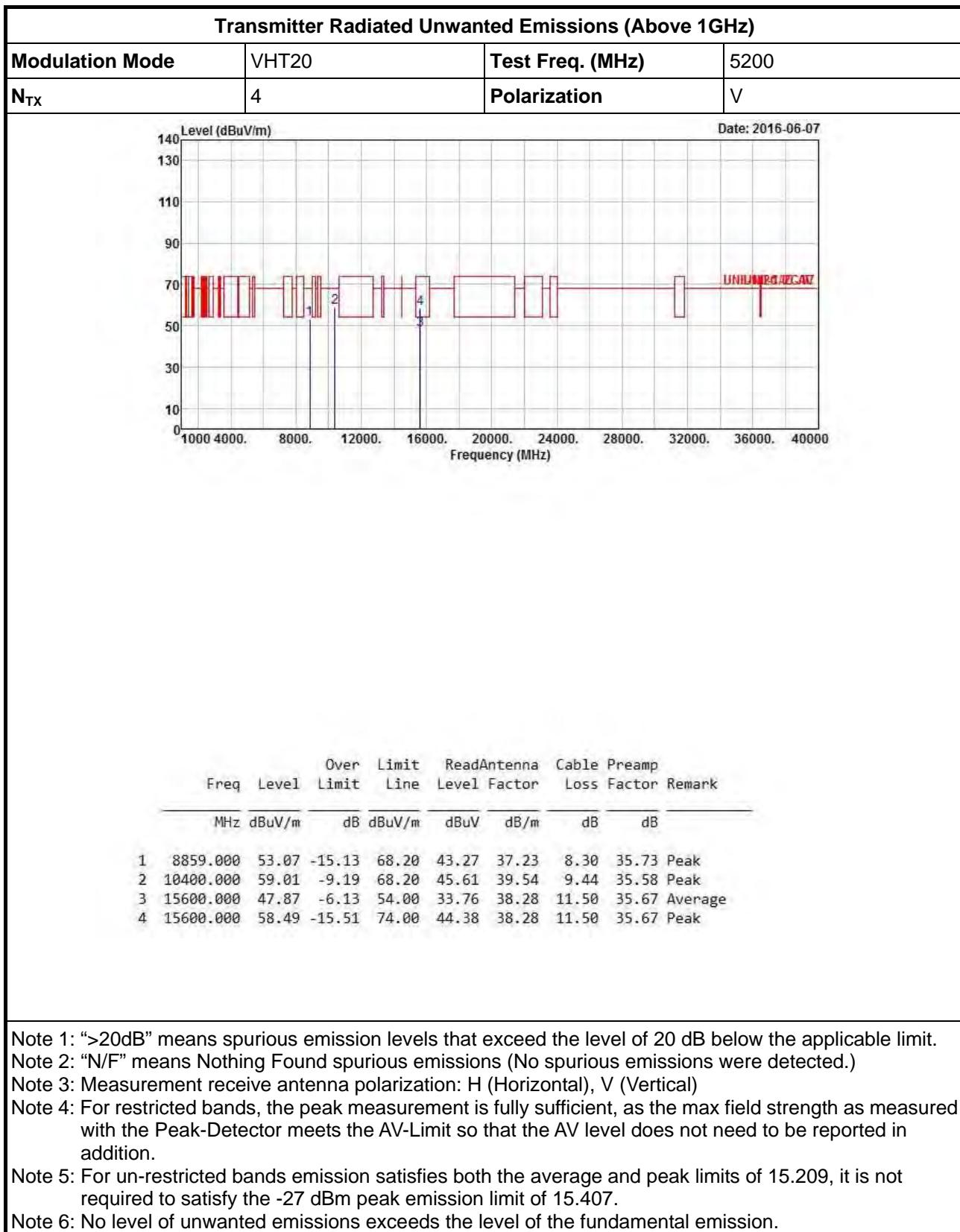
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

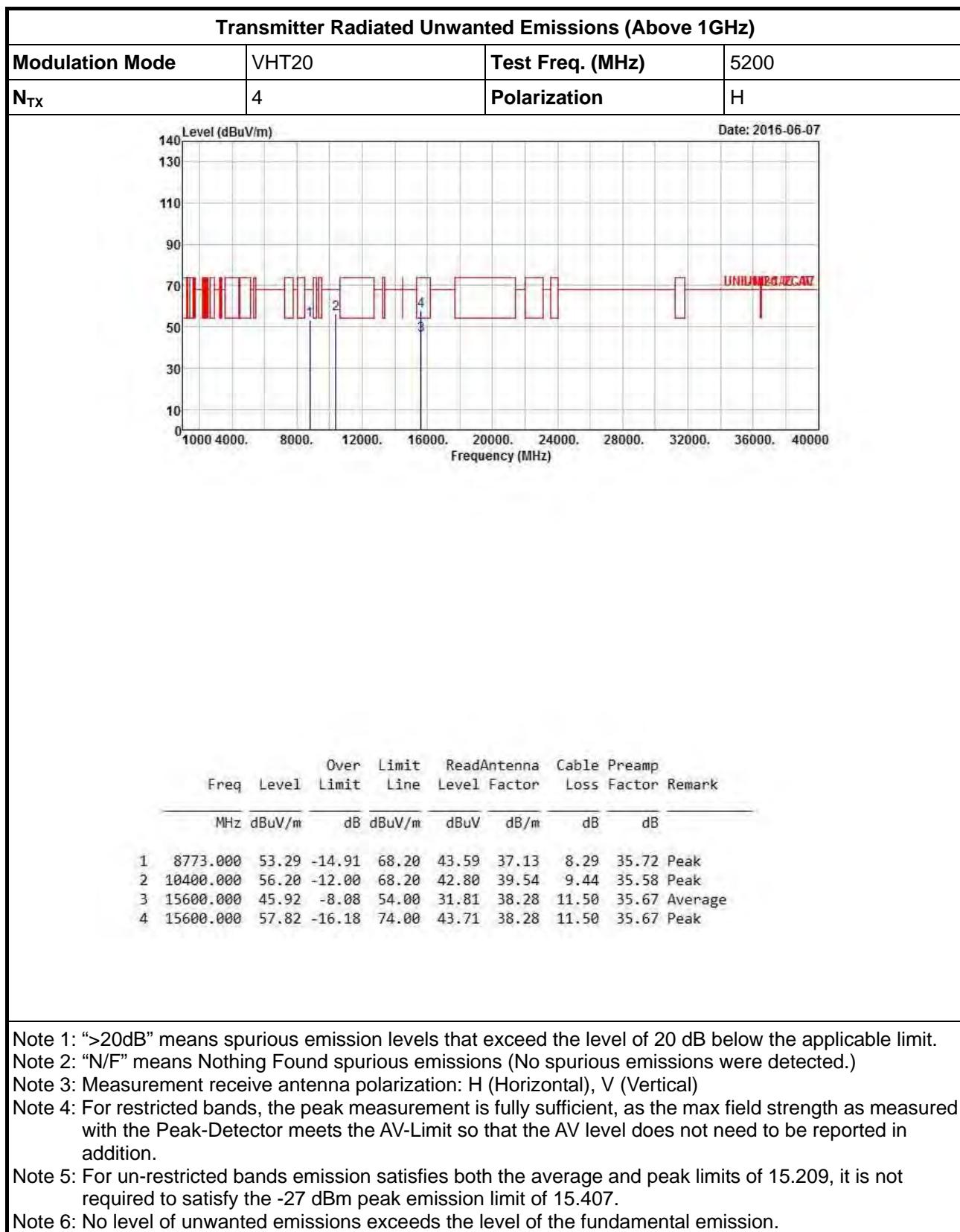
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

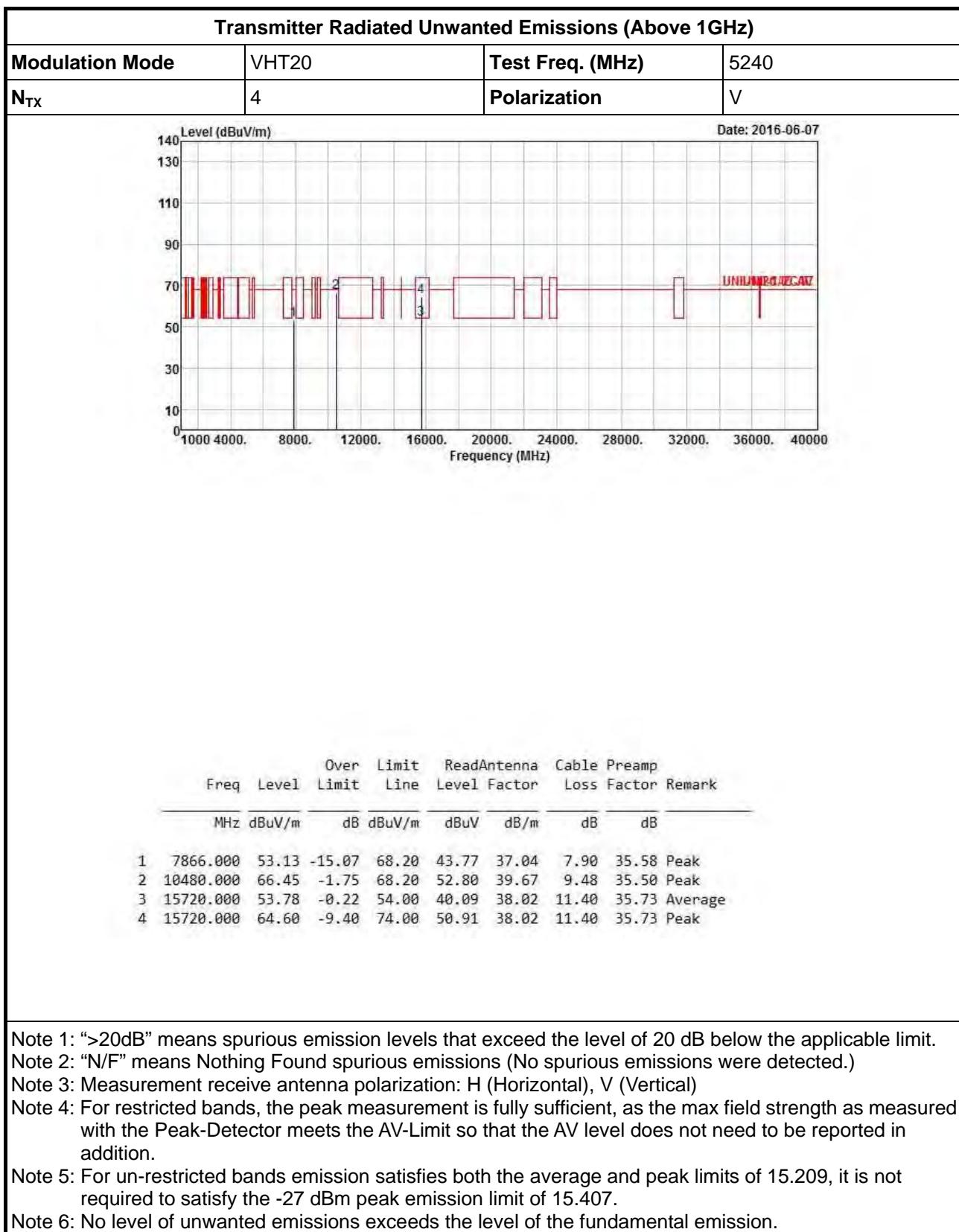
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.







Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

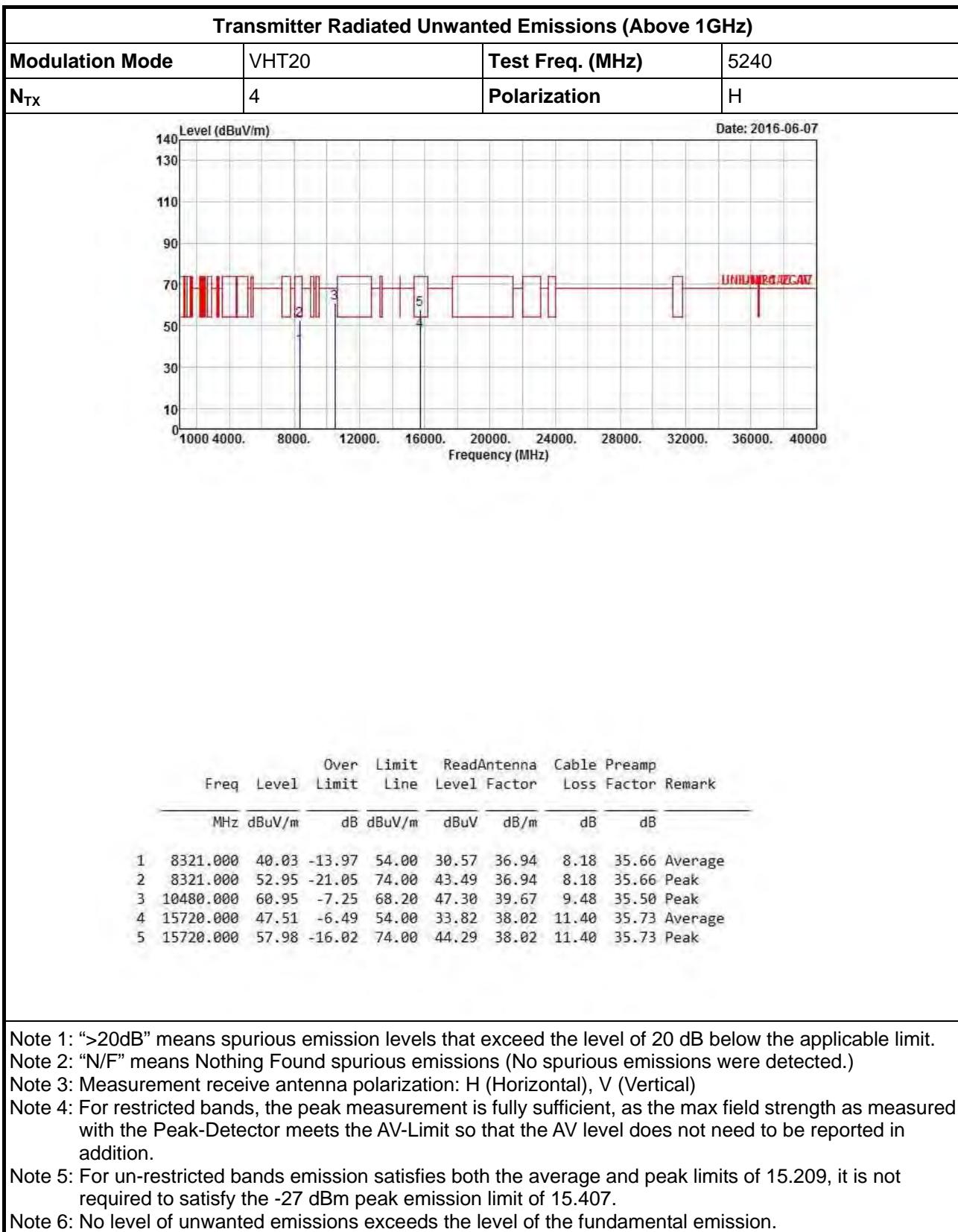
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

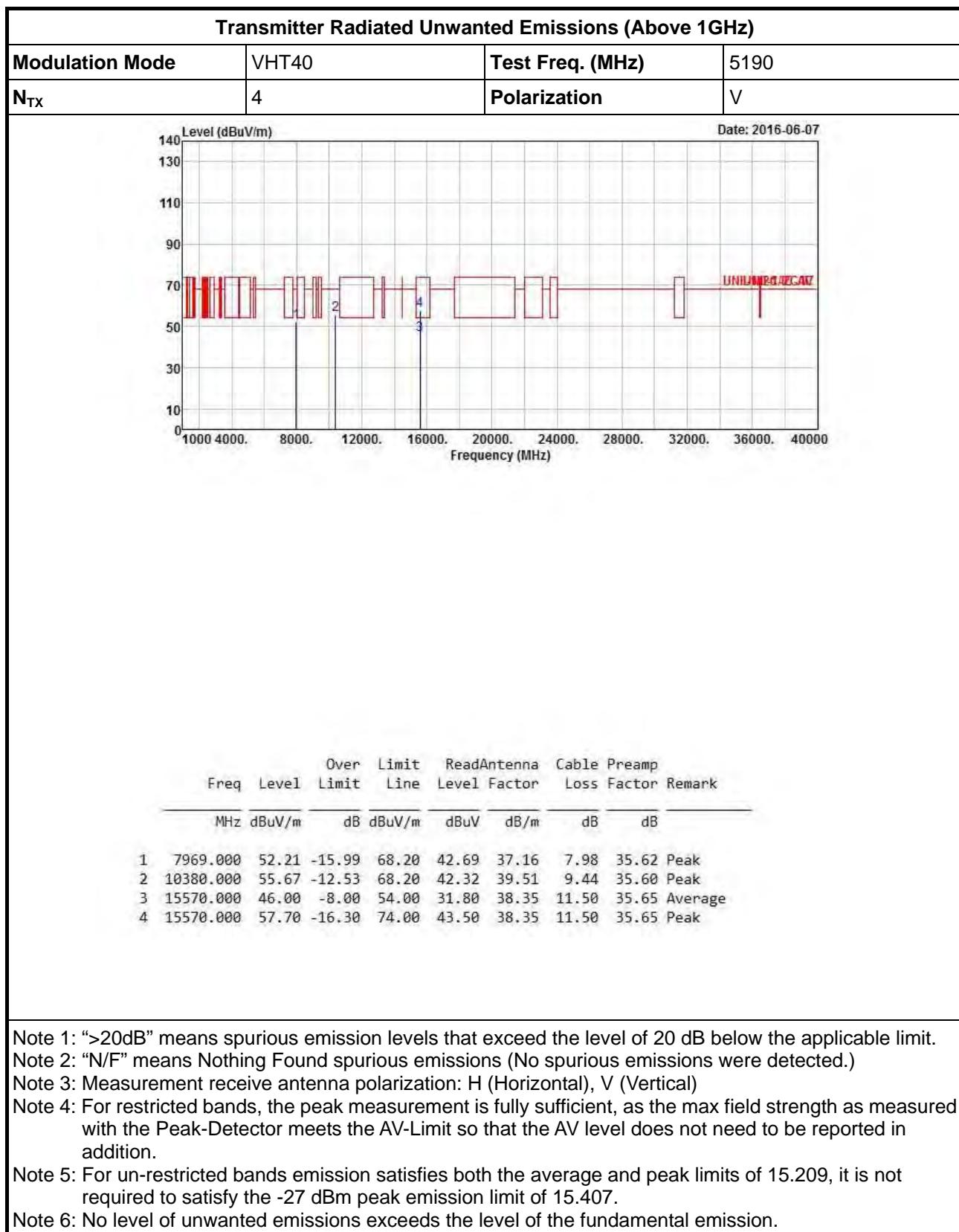
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

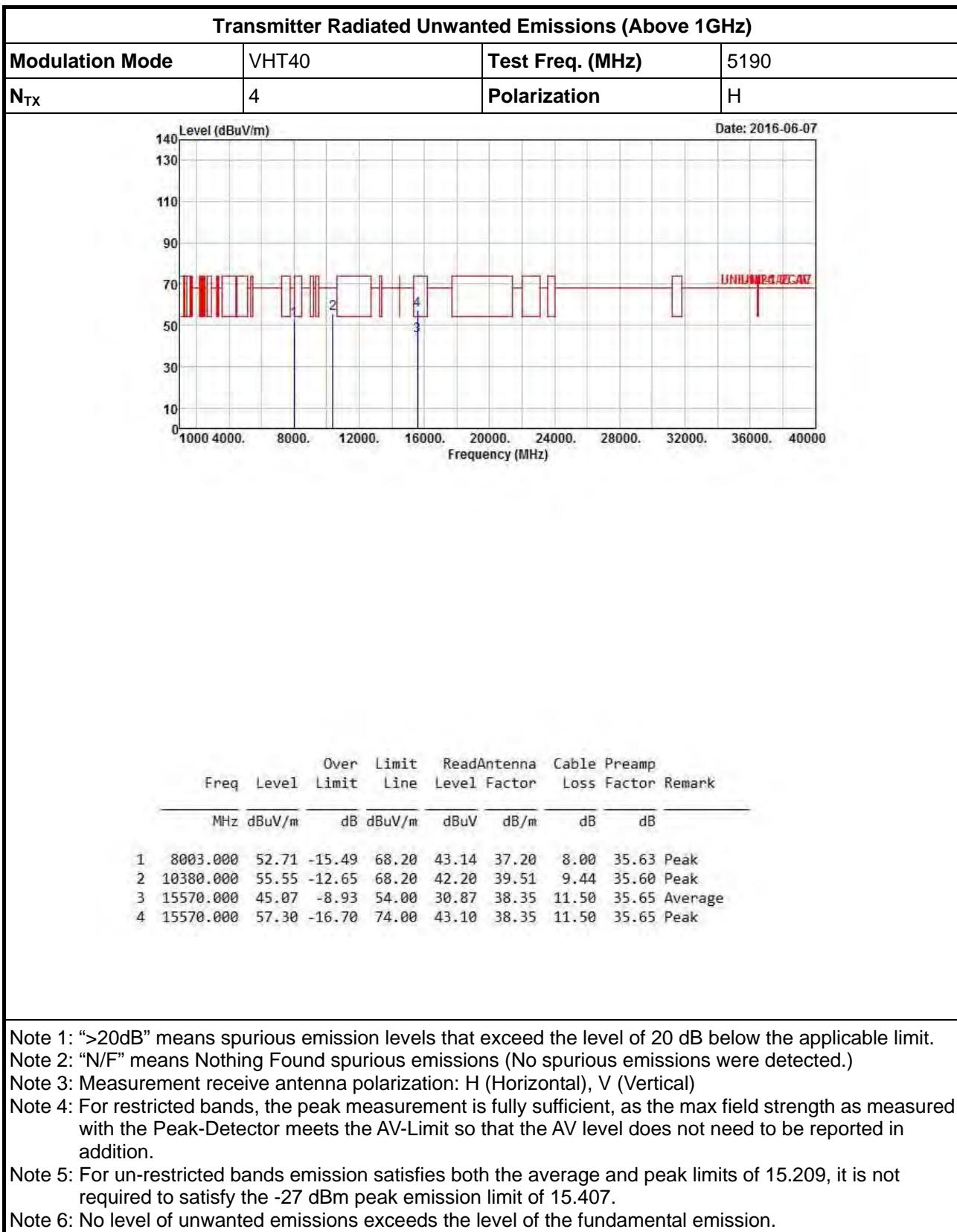
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

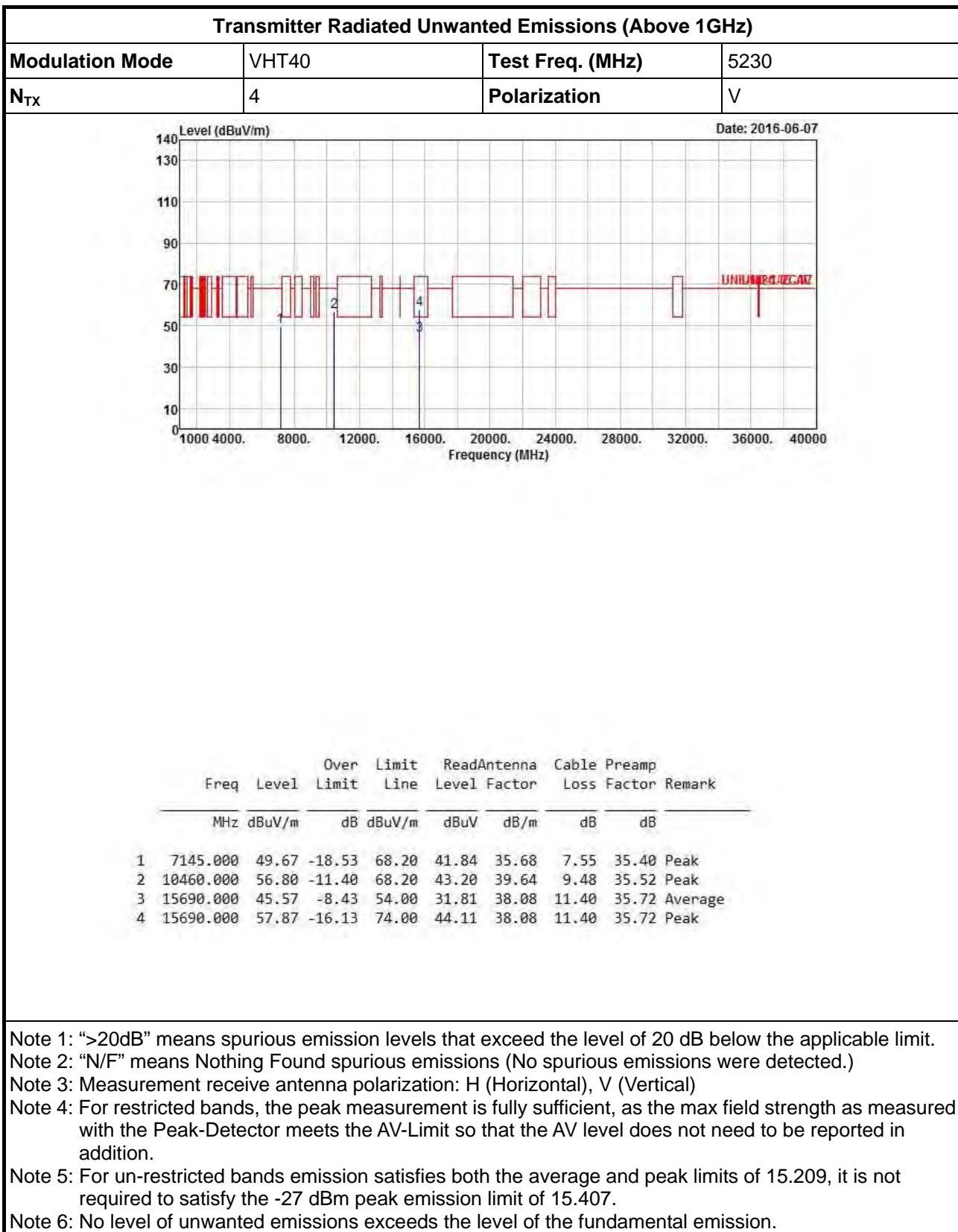
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

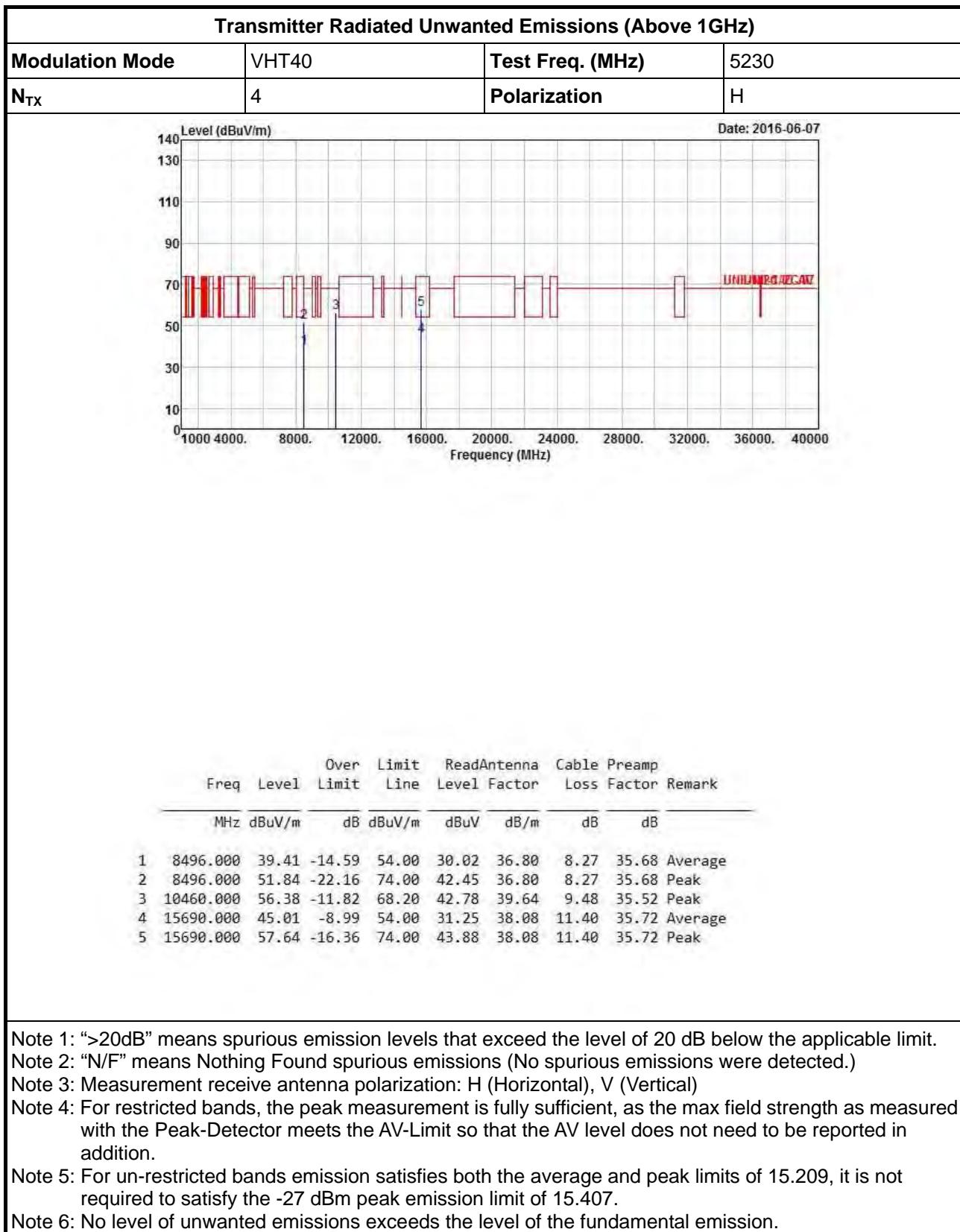
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.











Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

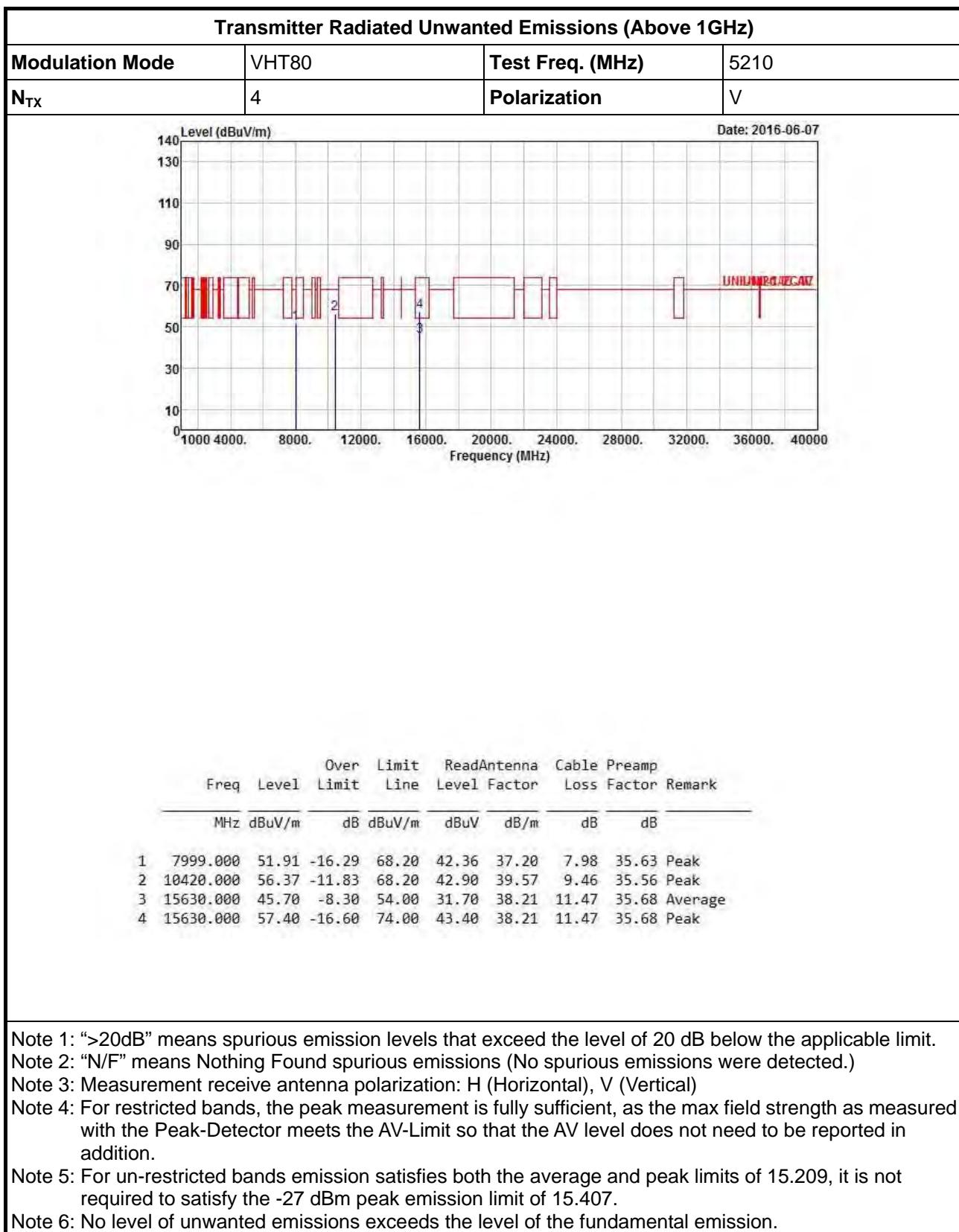
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

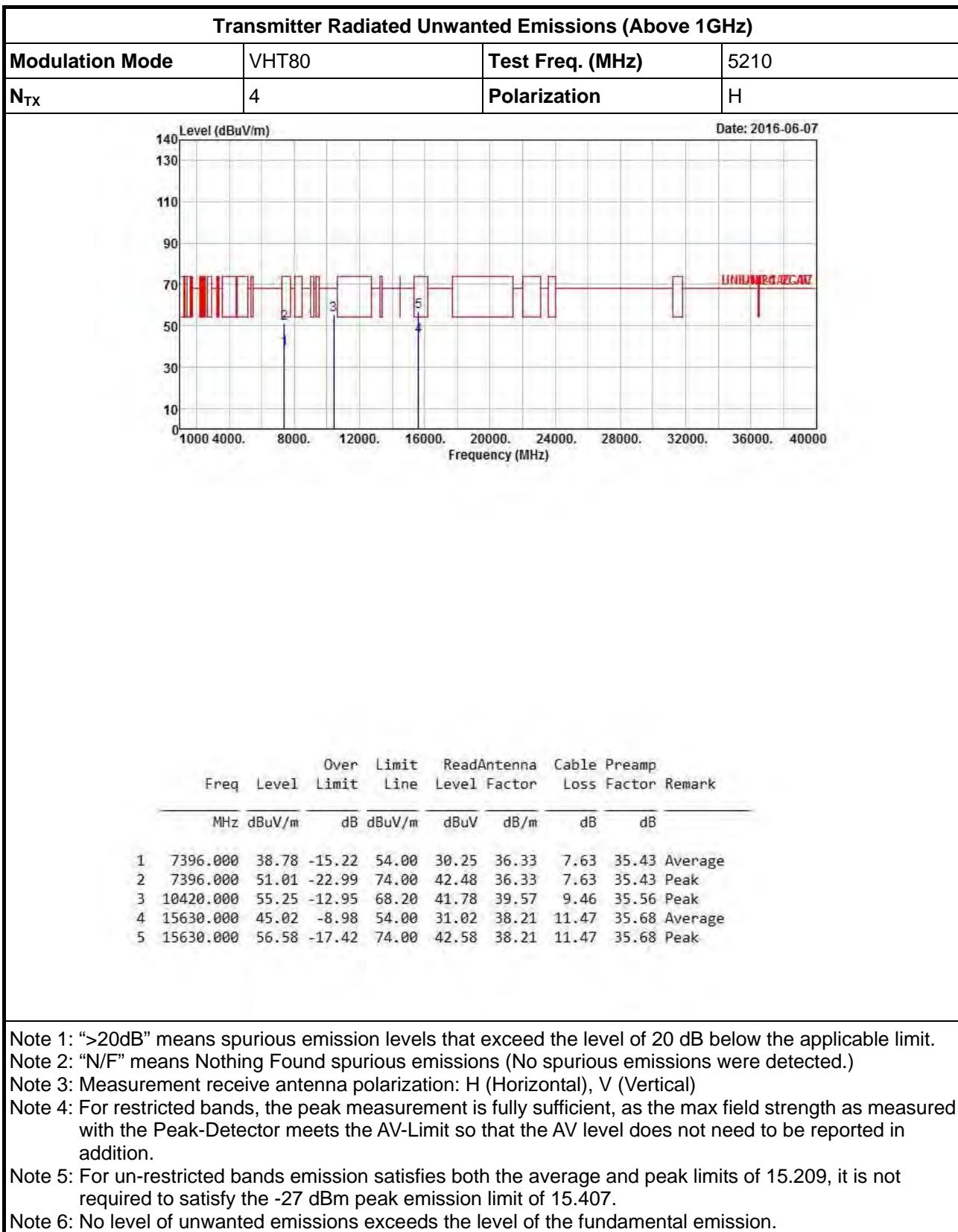
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

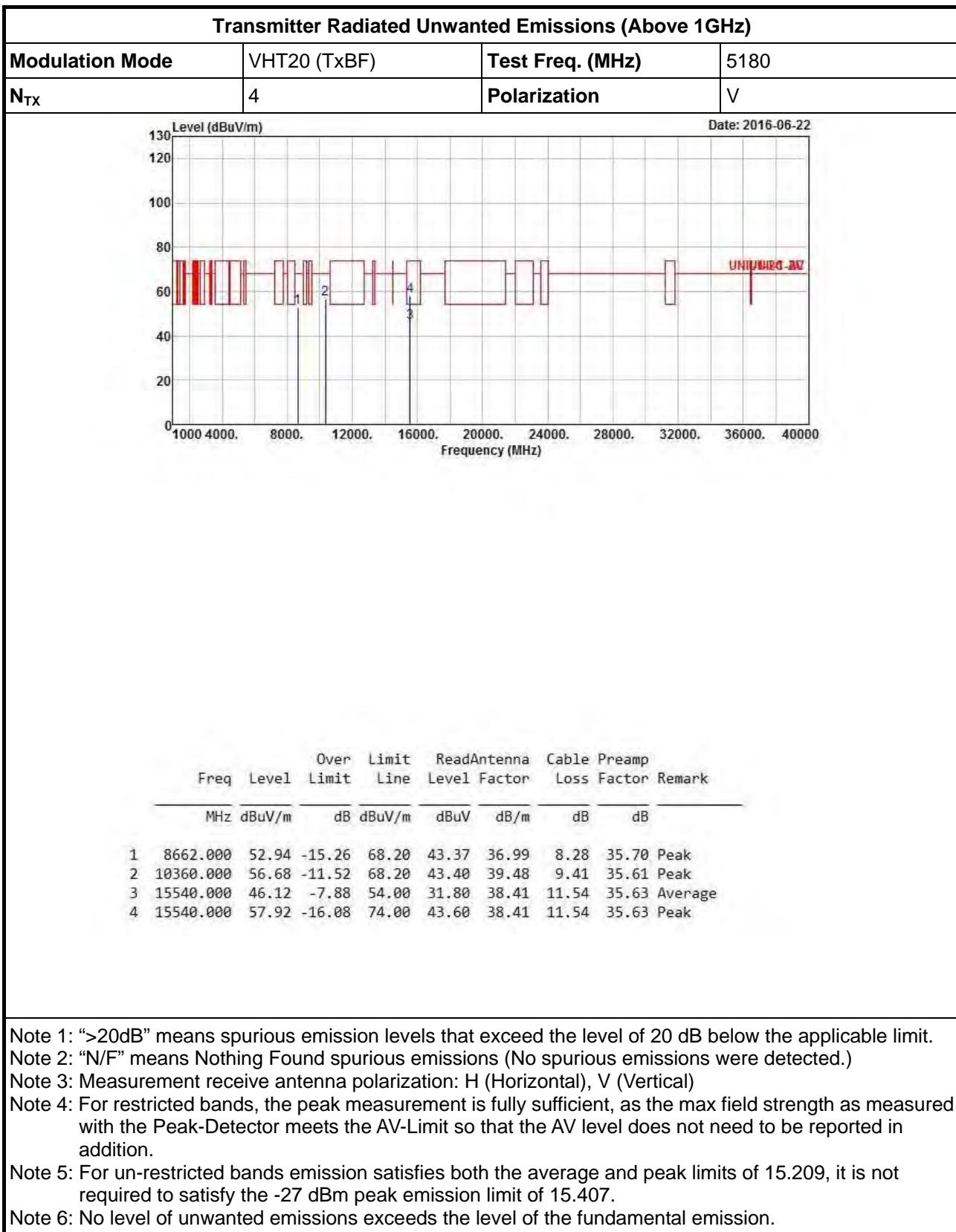
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

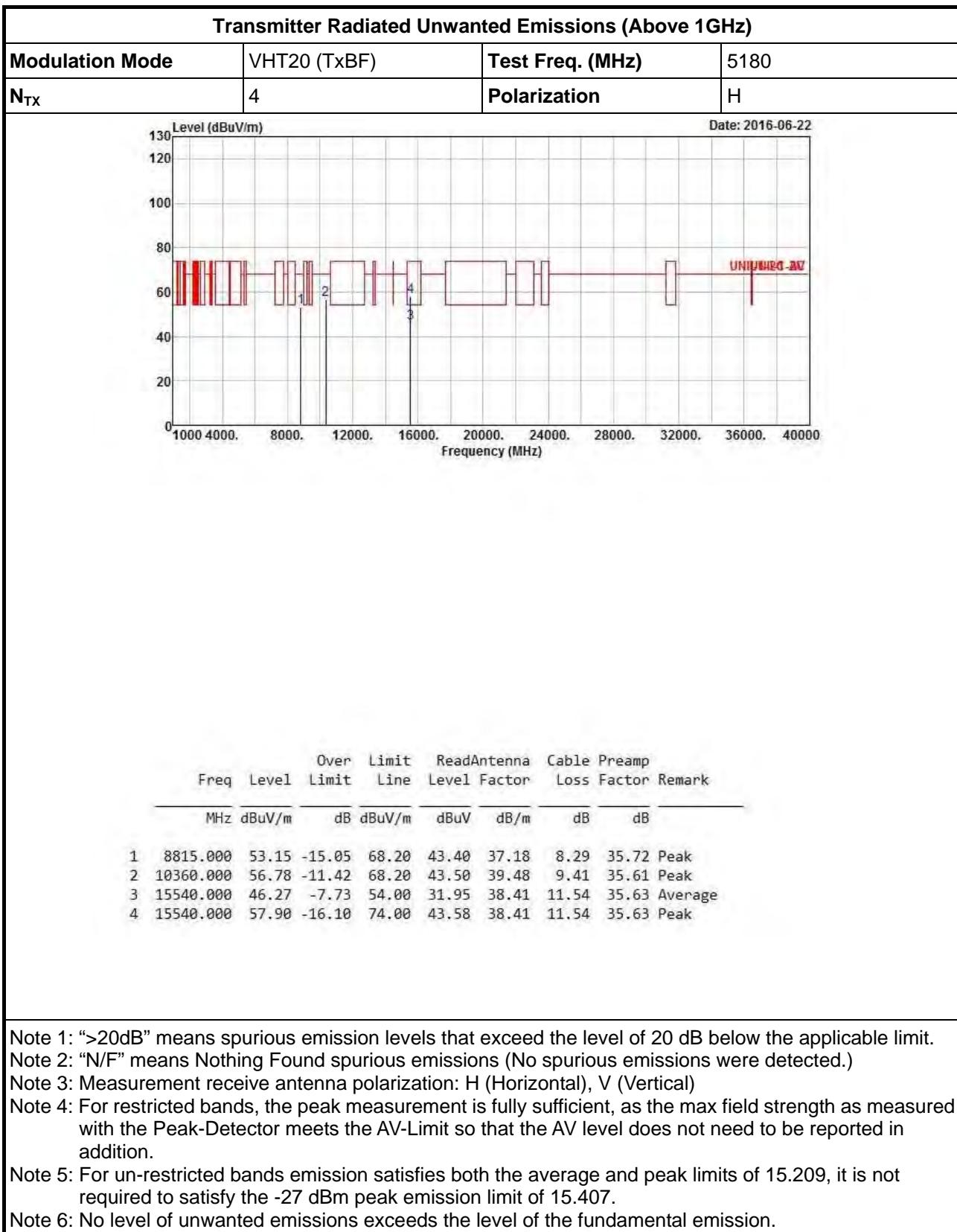
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

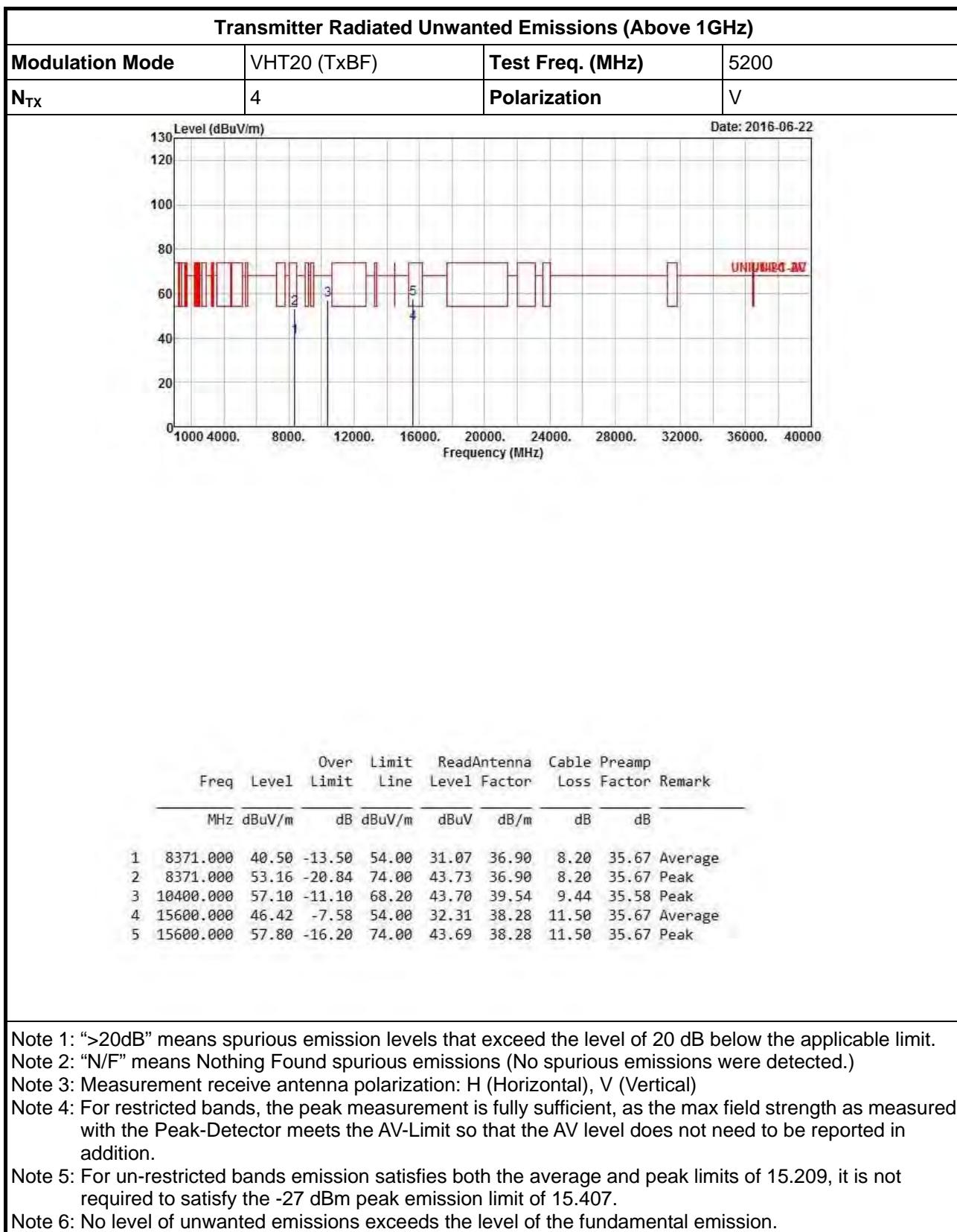
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

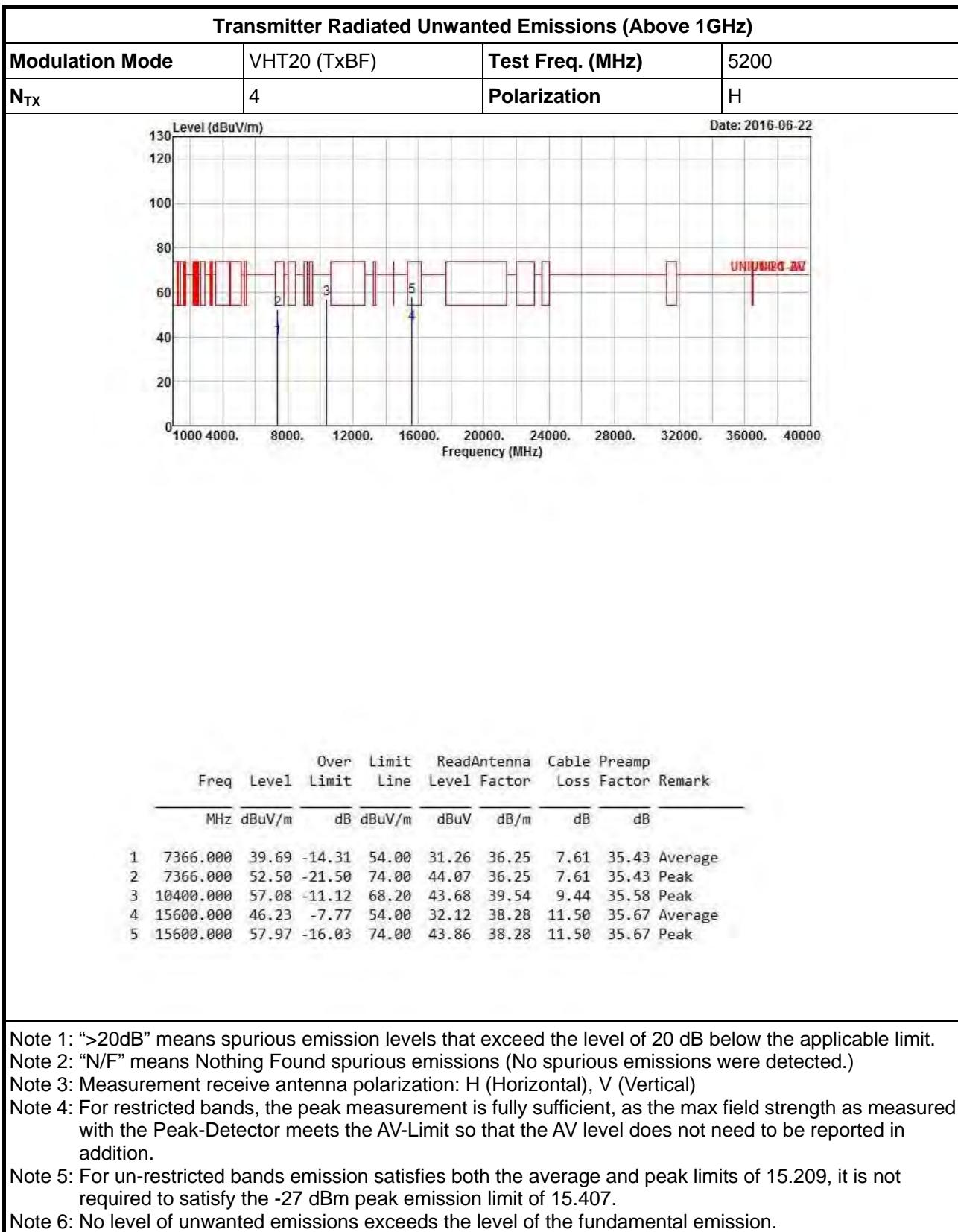












Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

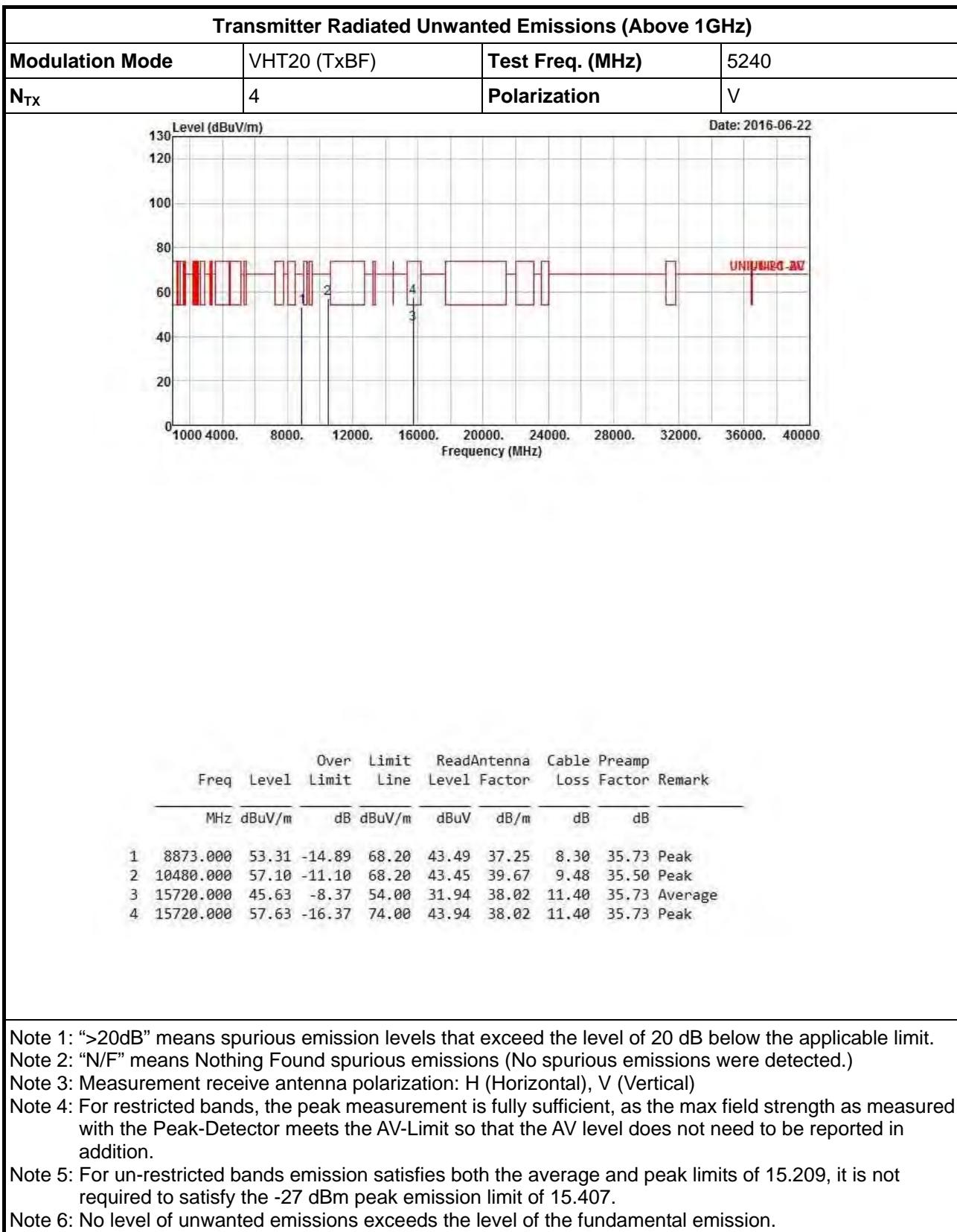
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

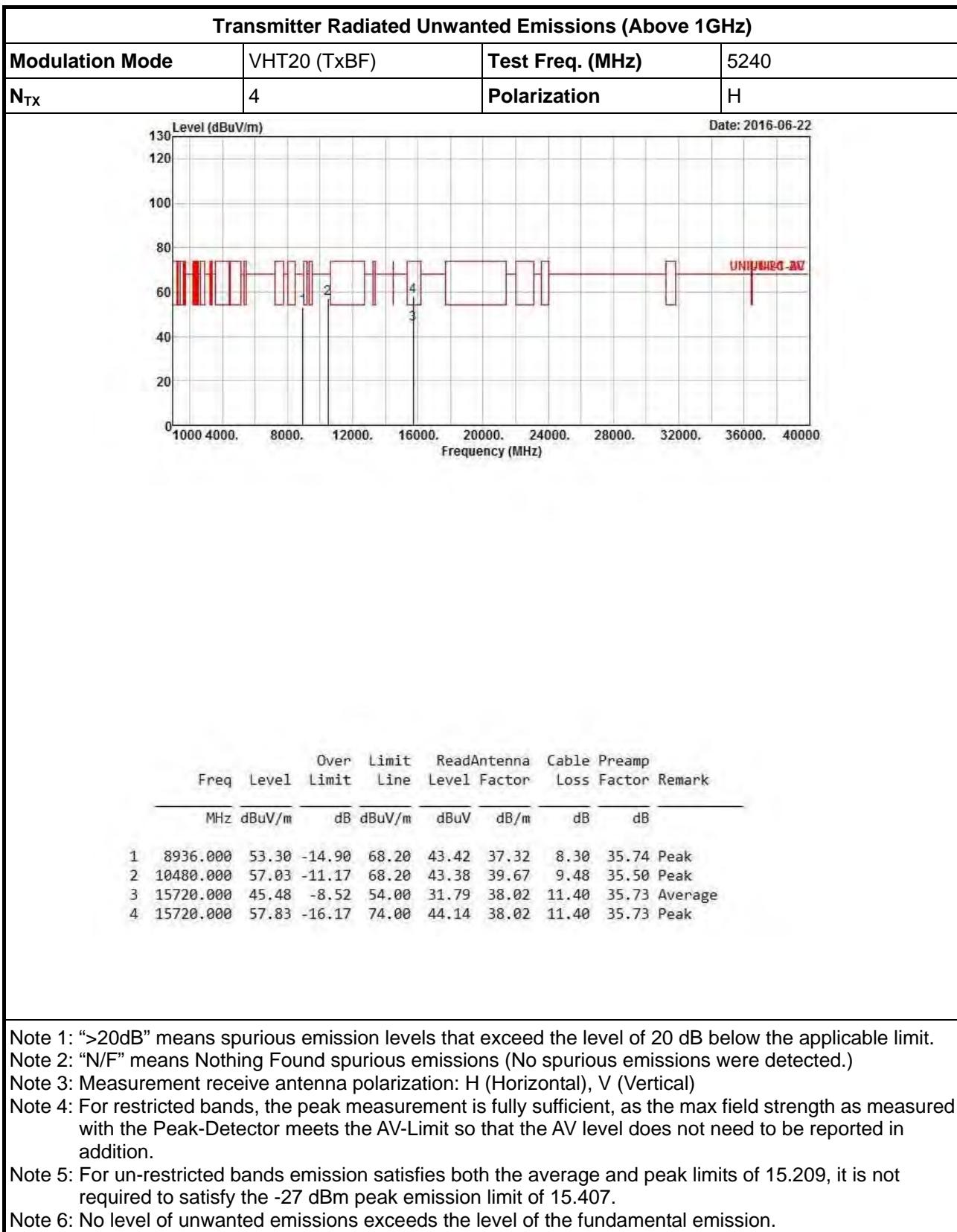
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

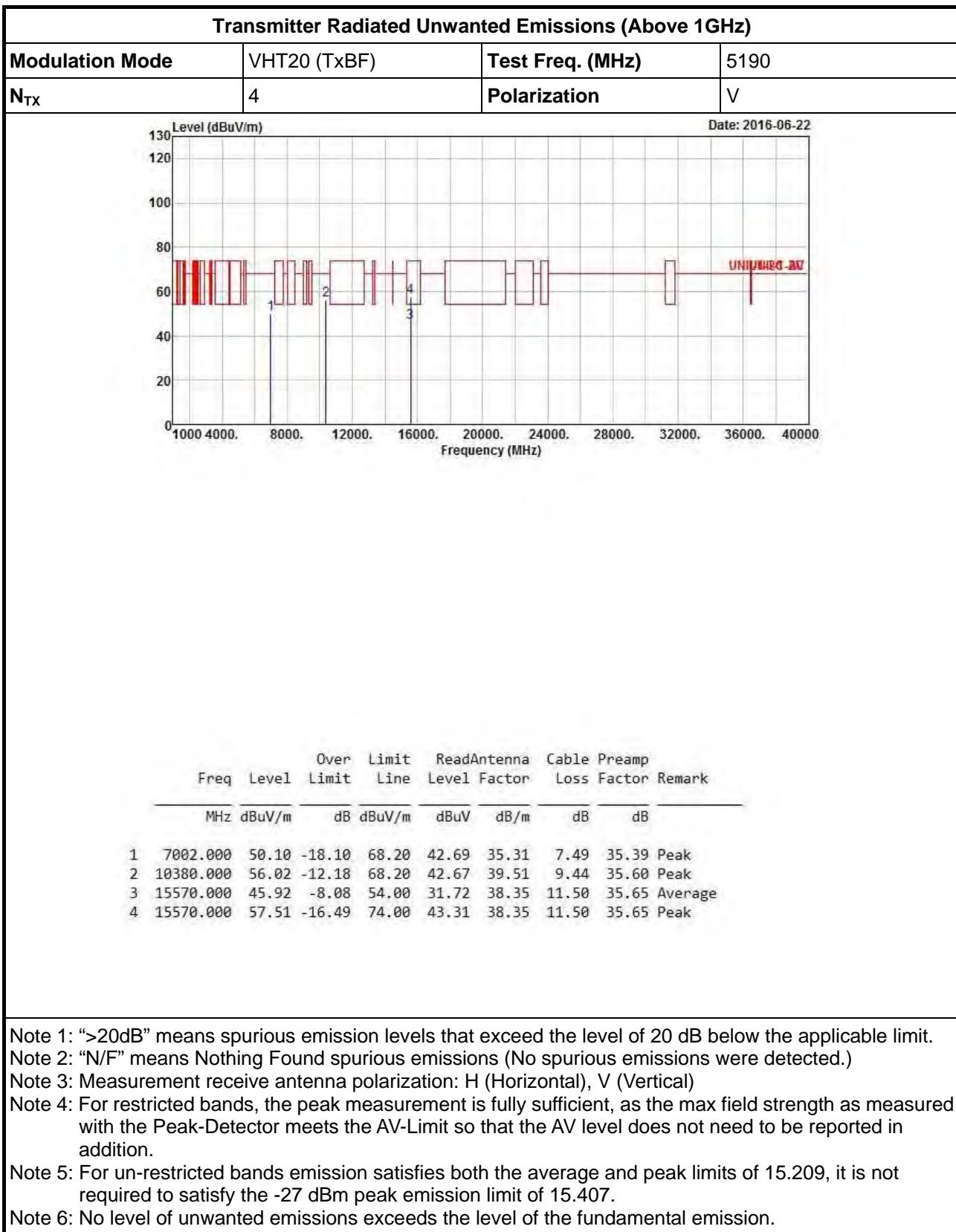
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

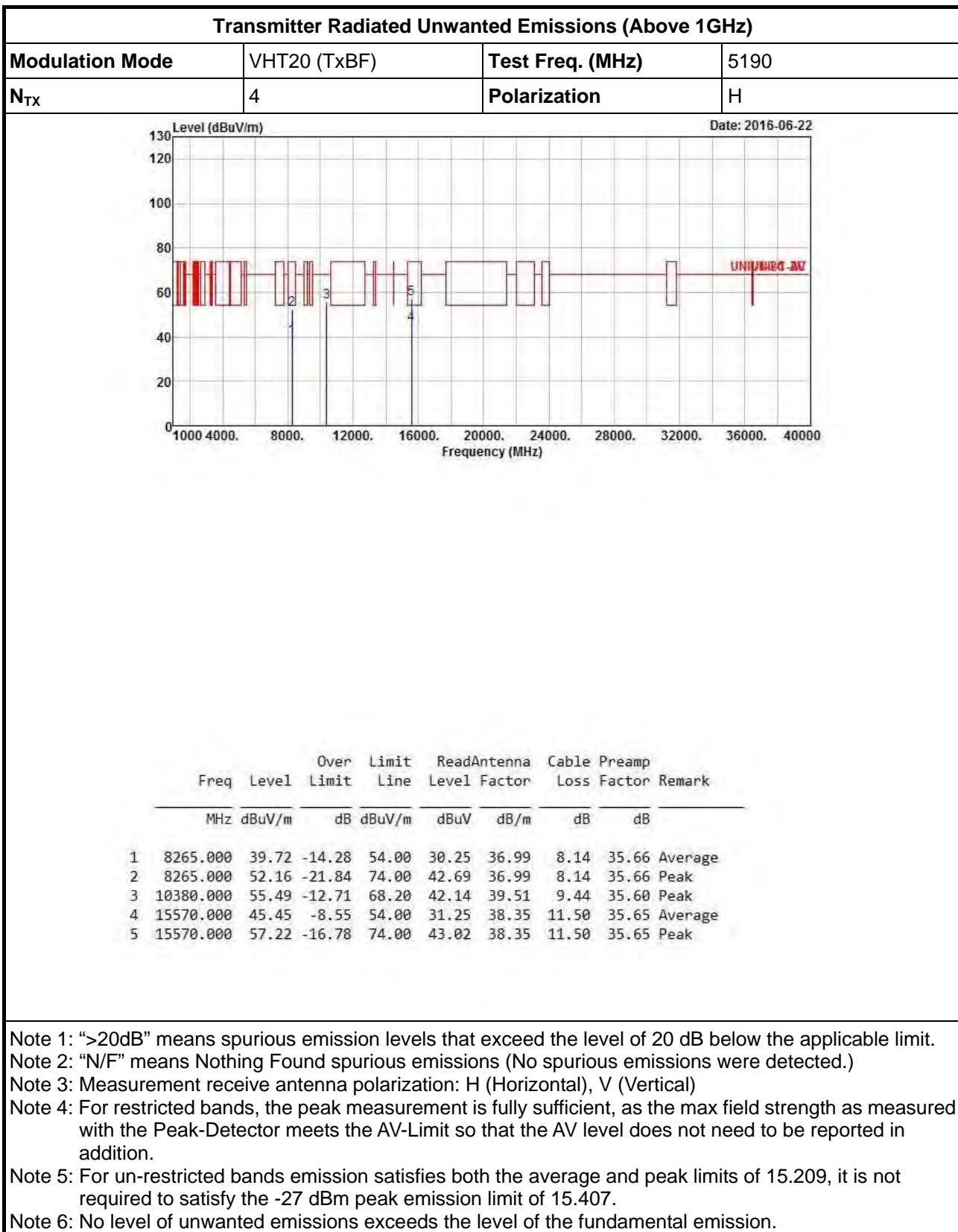
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.









Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

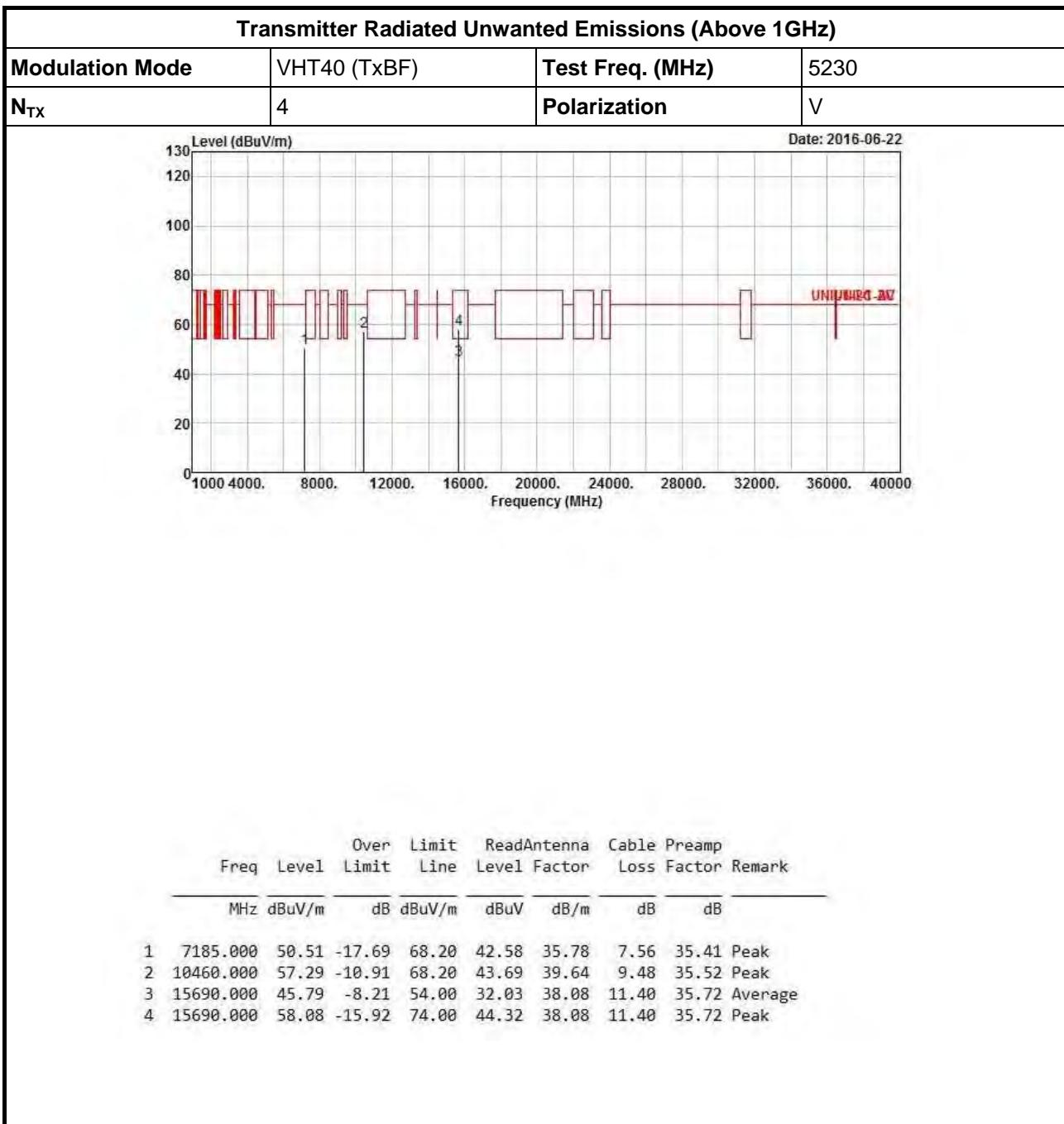
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.



Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

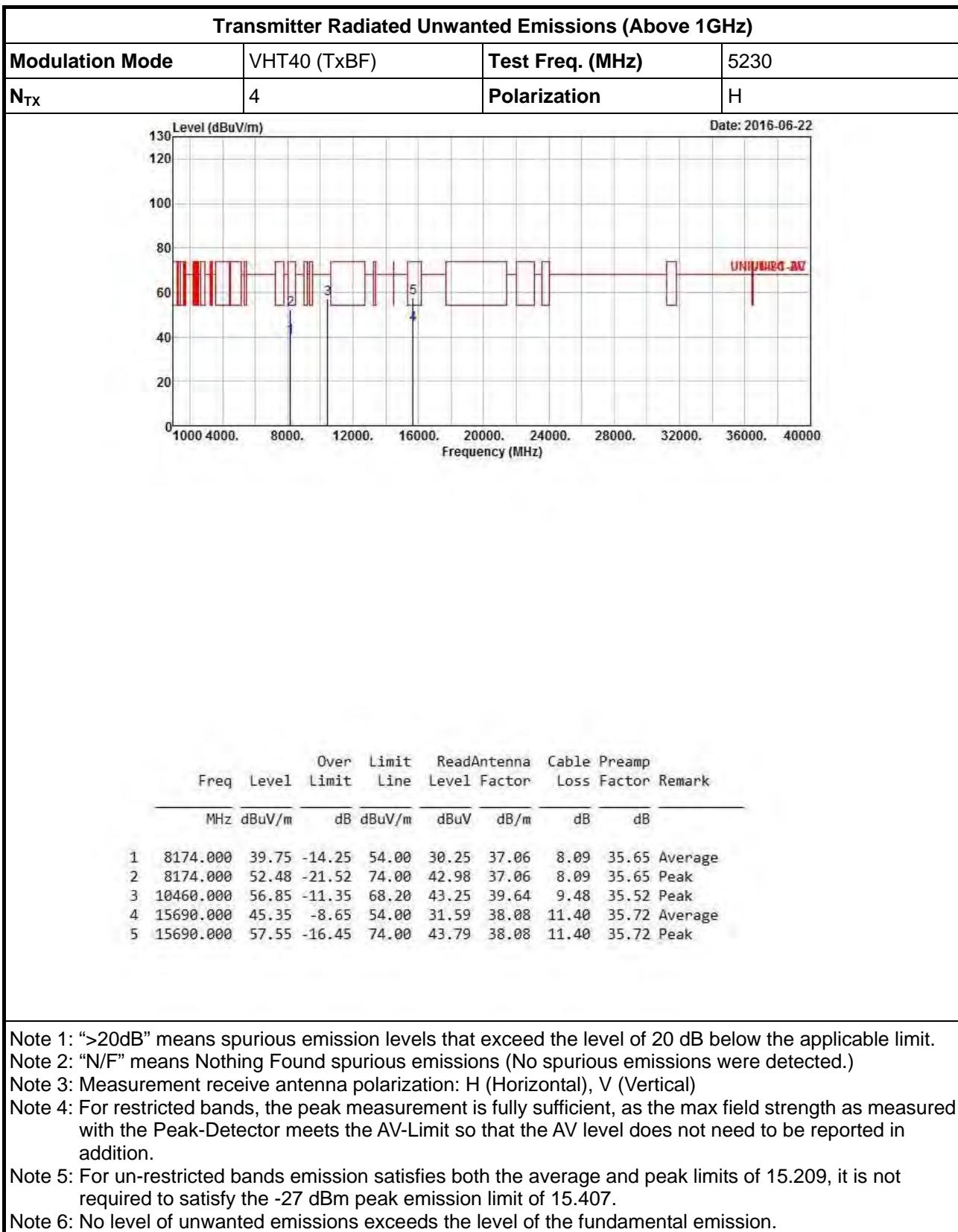
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

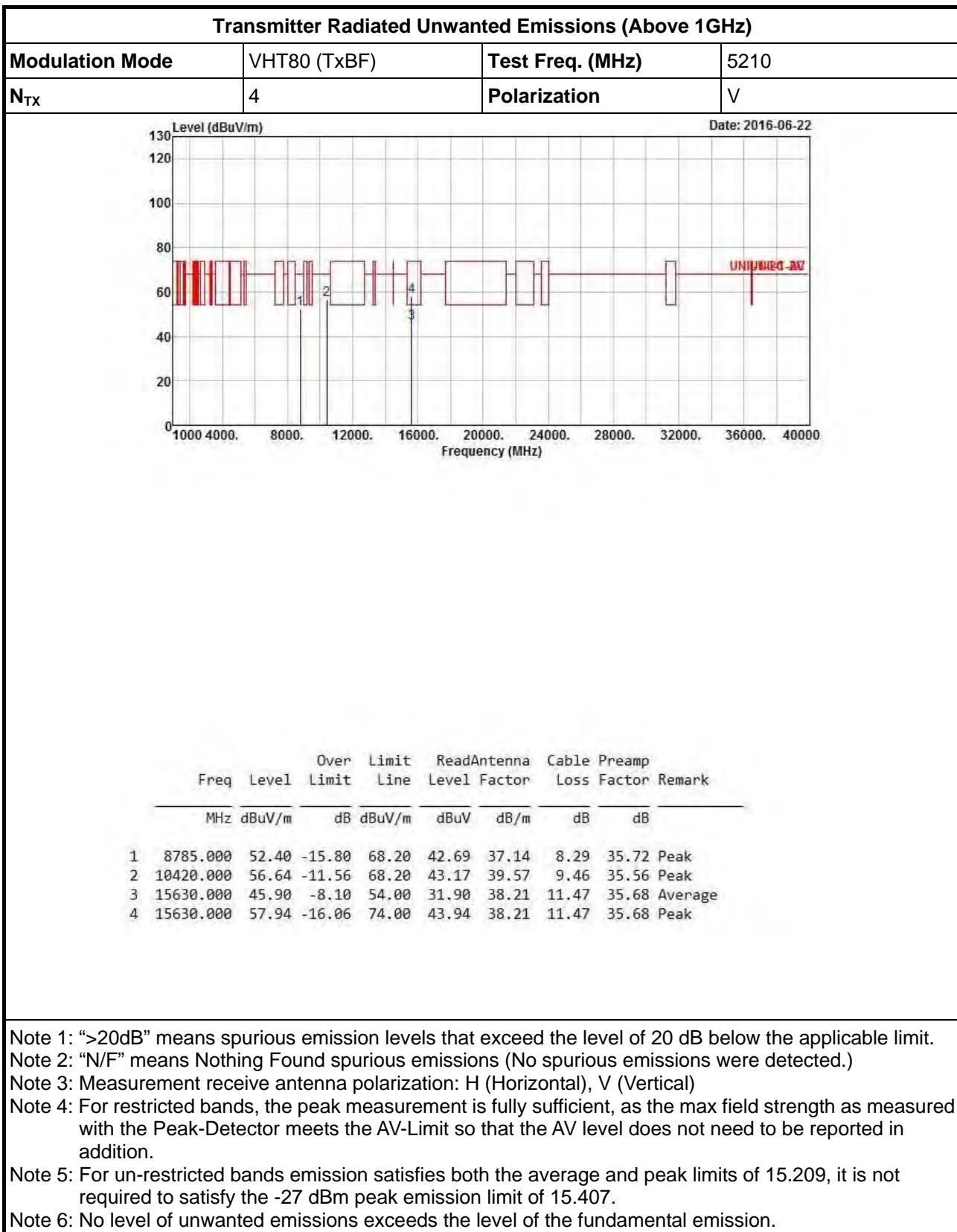
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

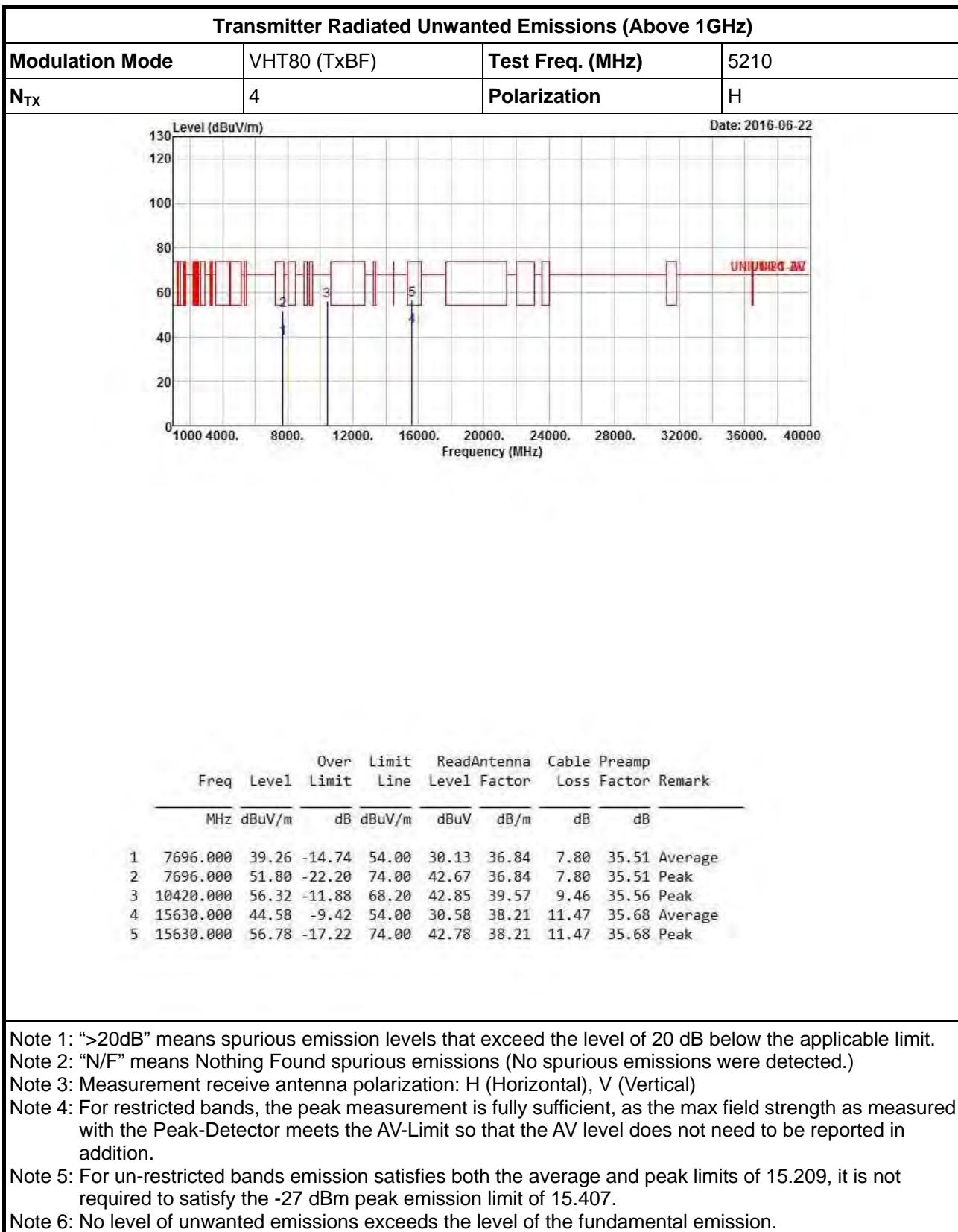
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.







Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

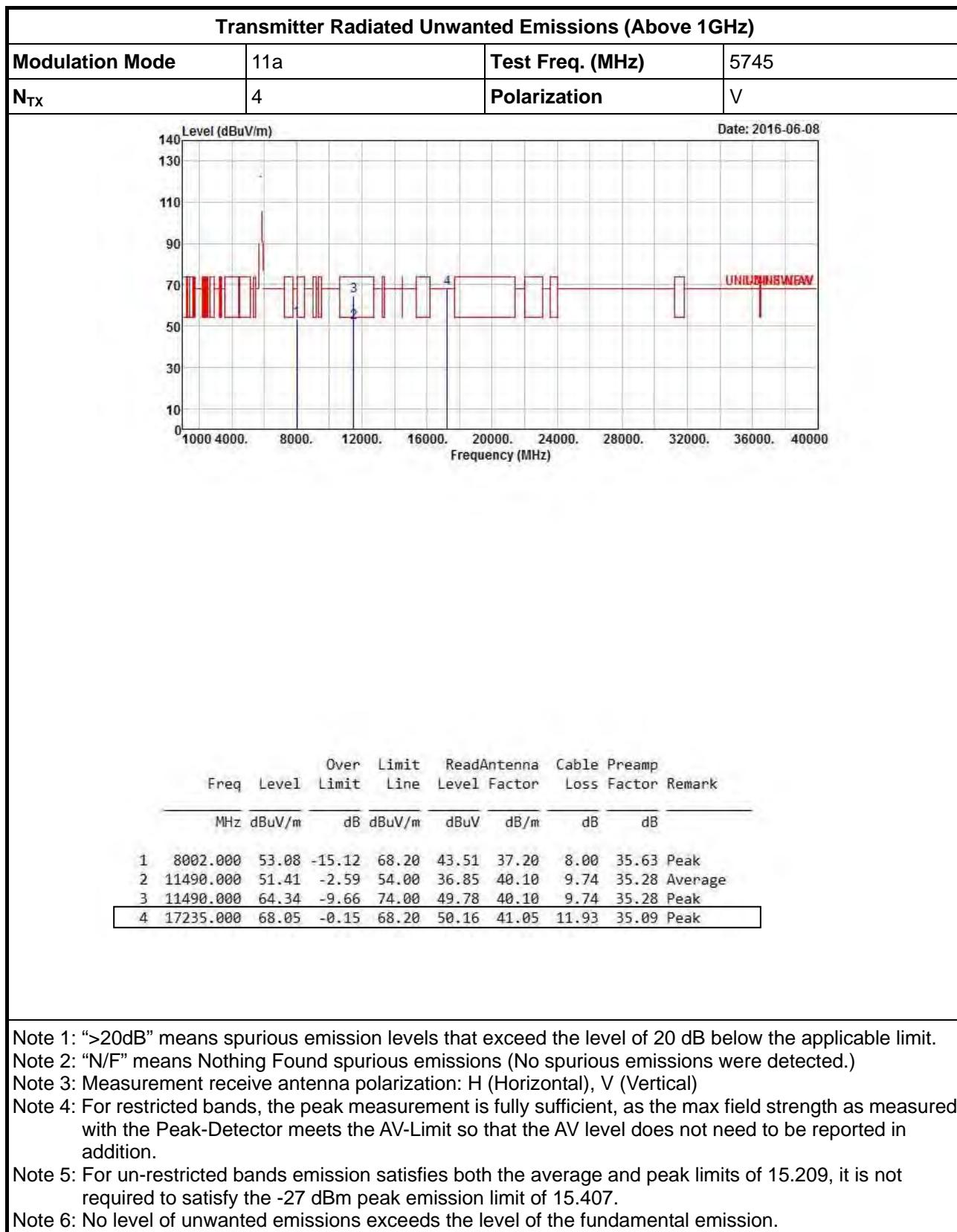
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

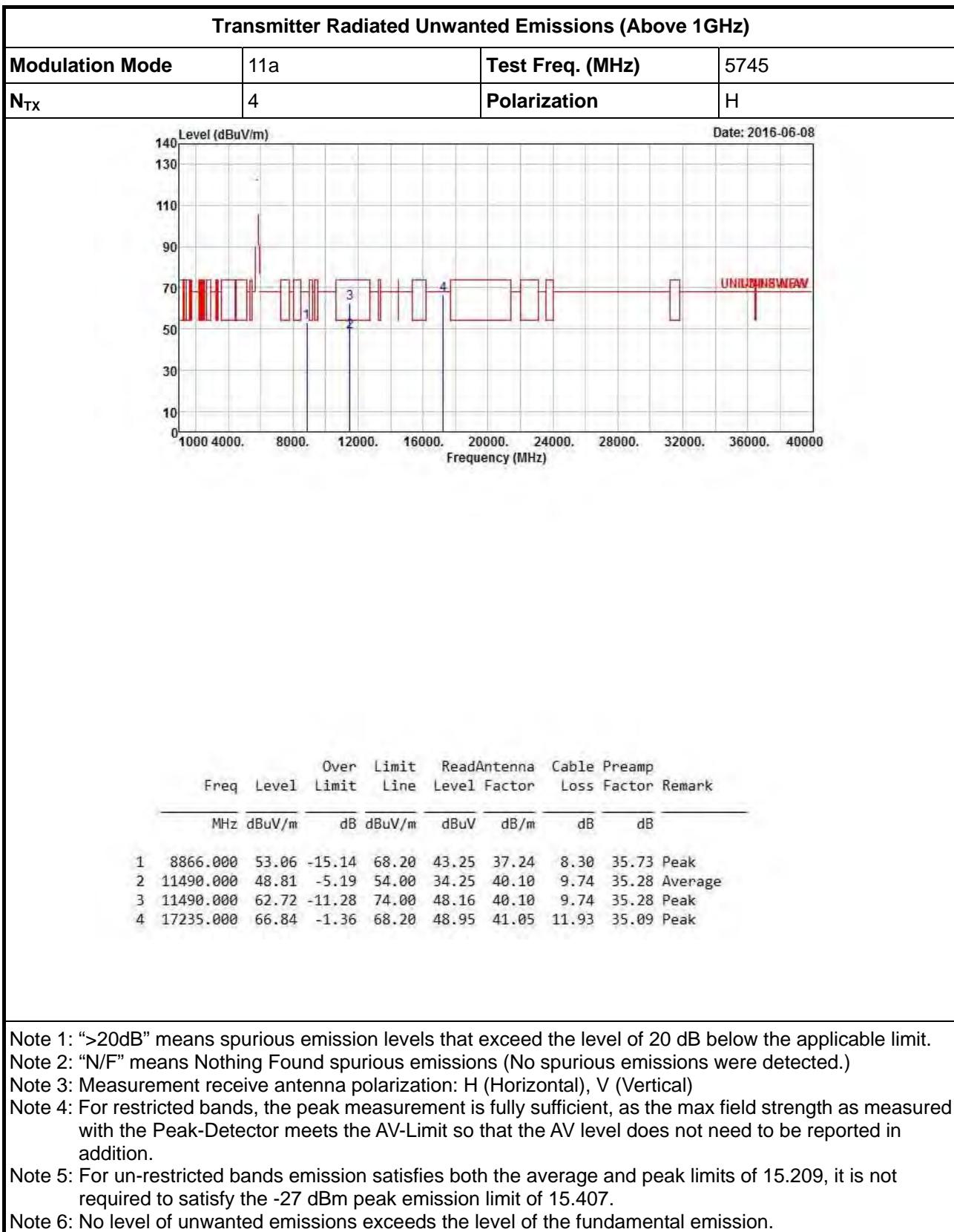
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

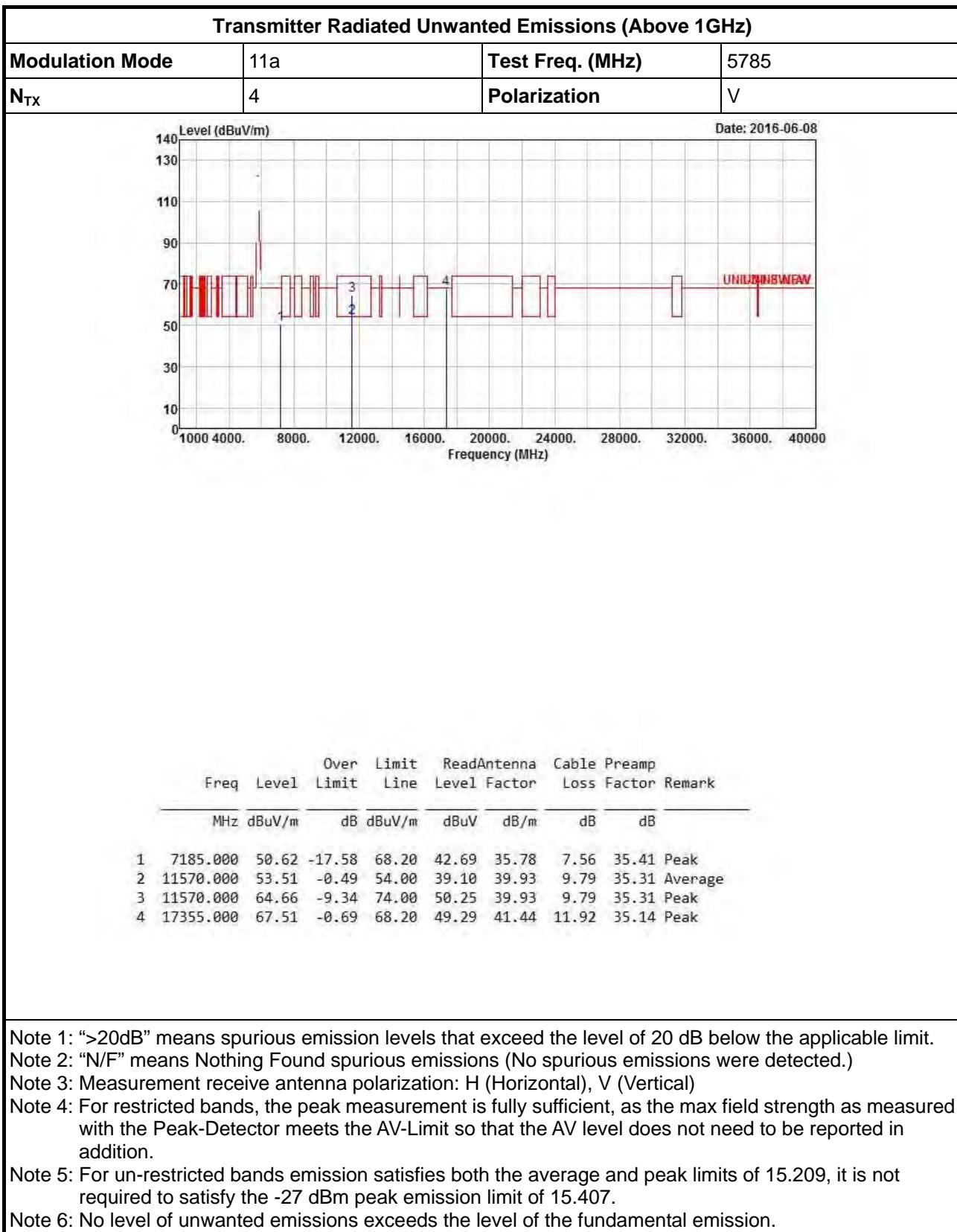
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

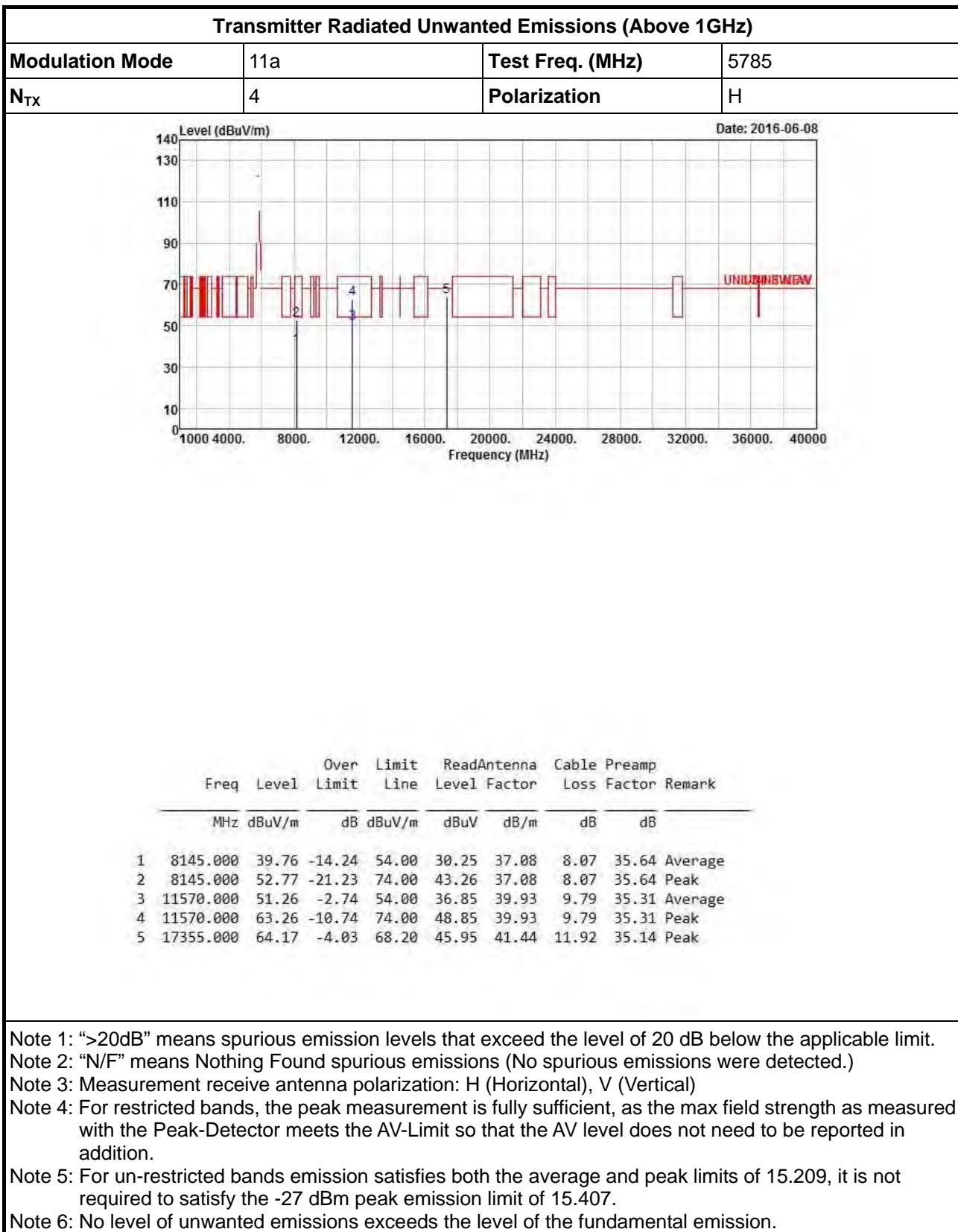


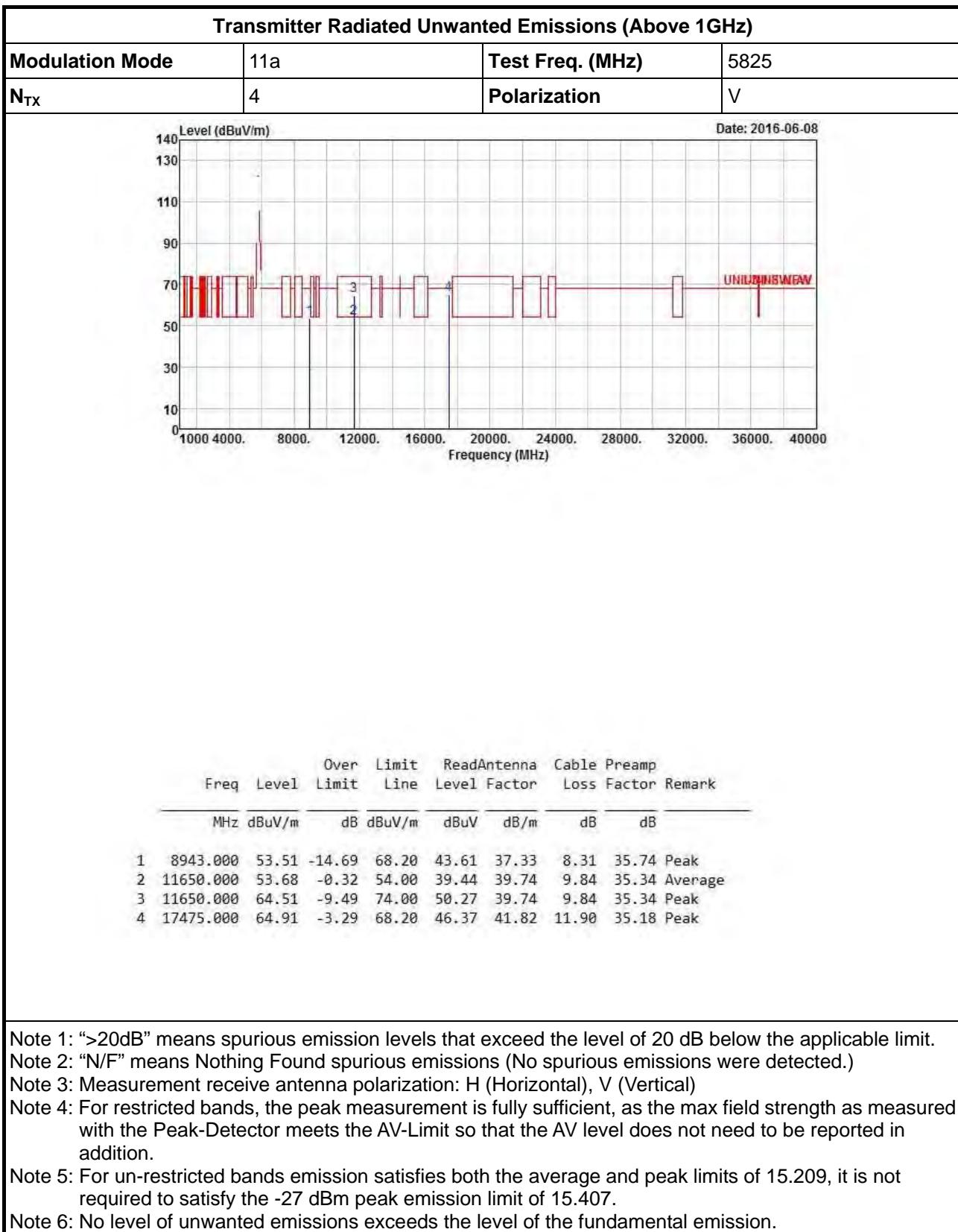
Transmitter Radiated Unwanted Emissions (Above 1GHz) for 5725-5850MHz

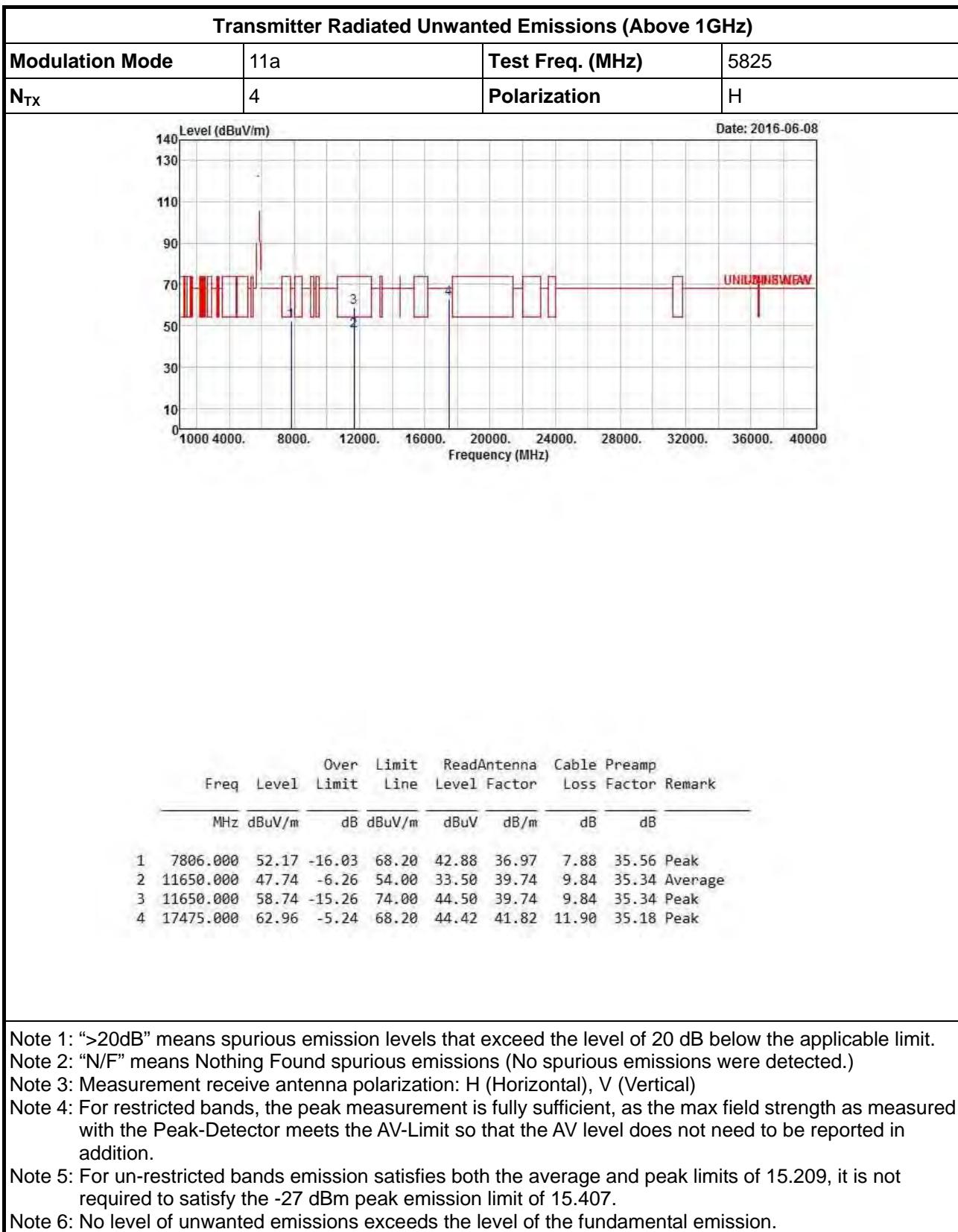


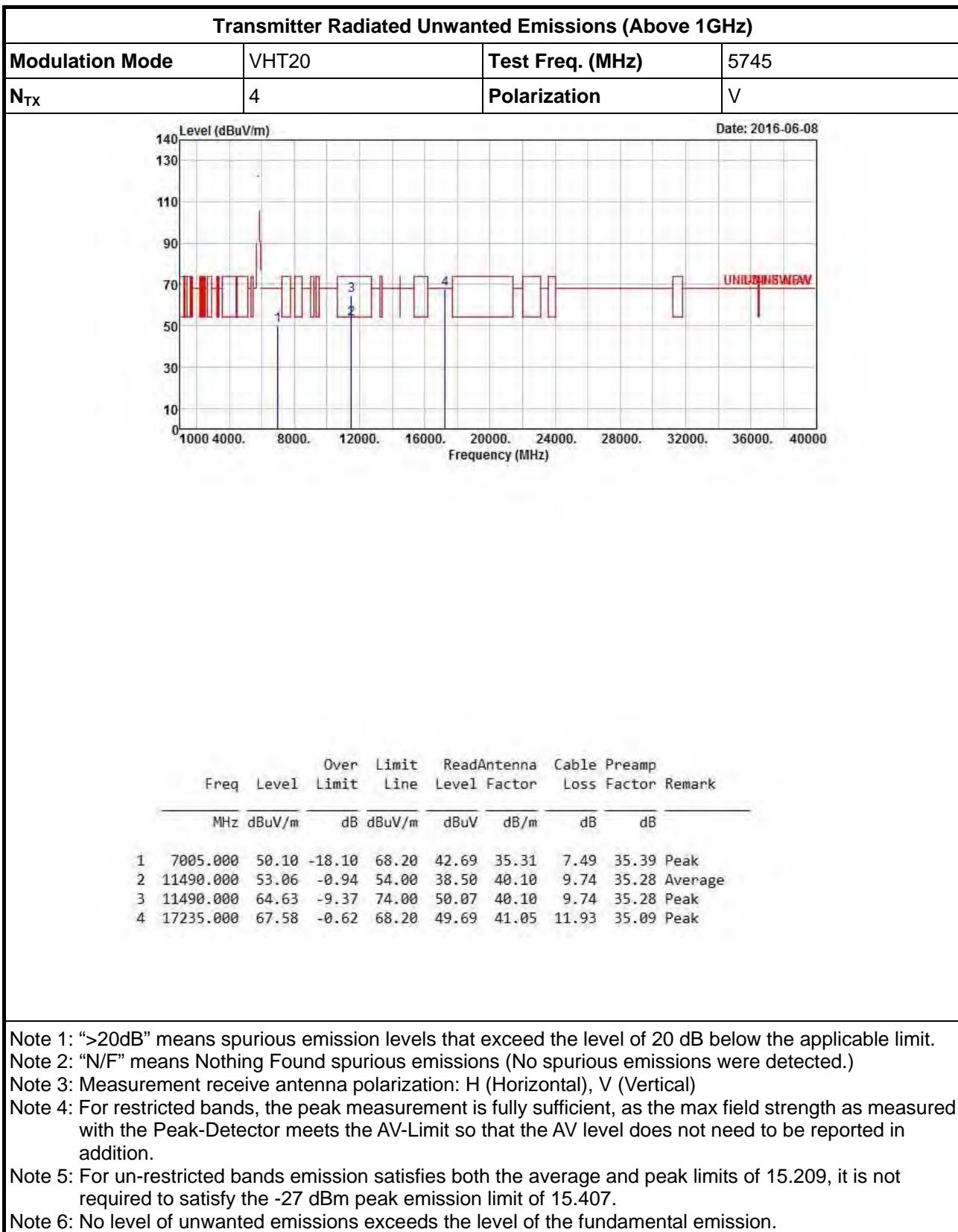


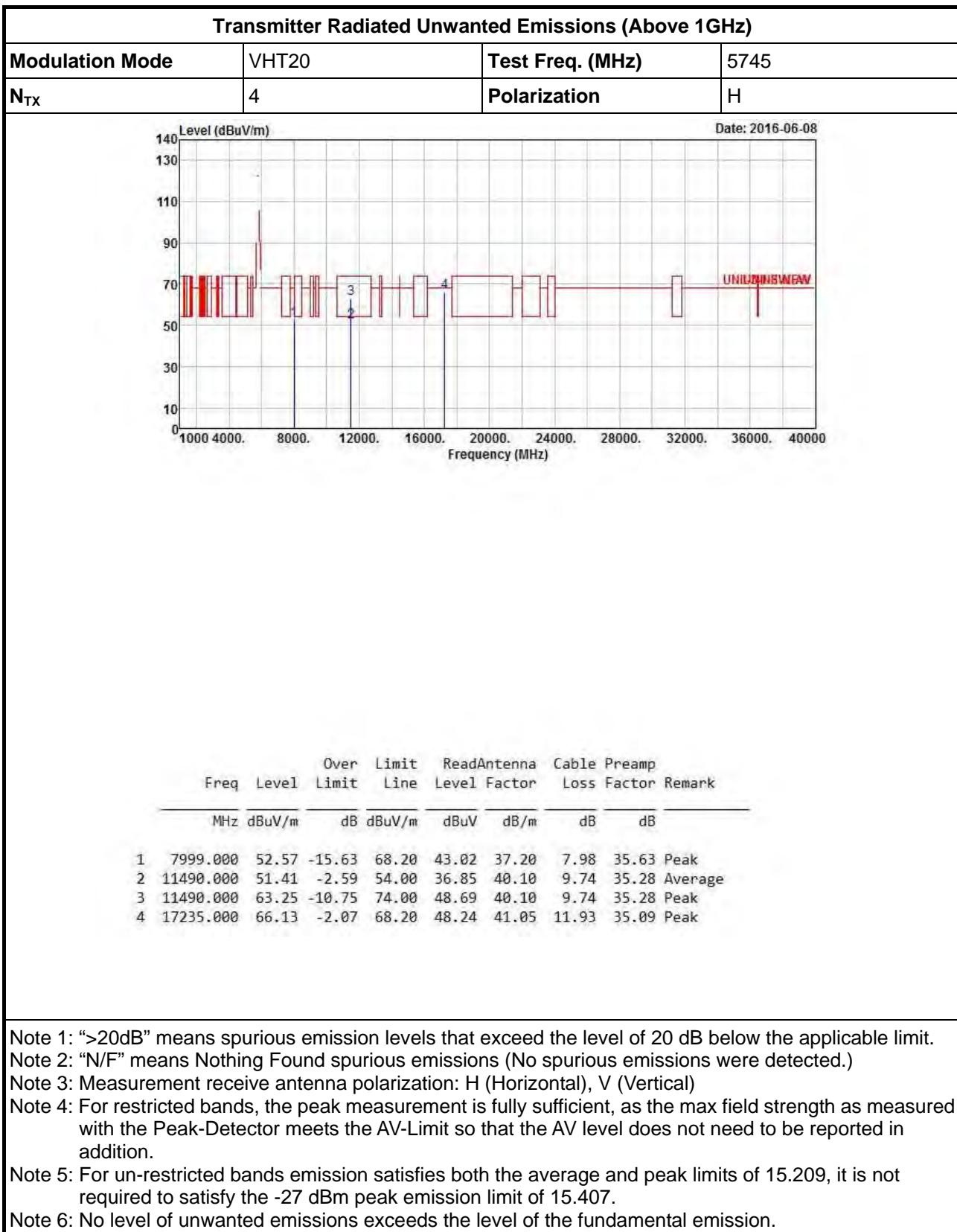


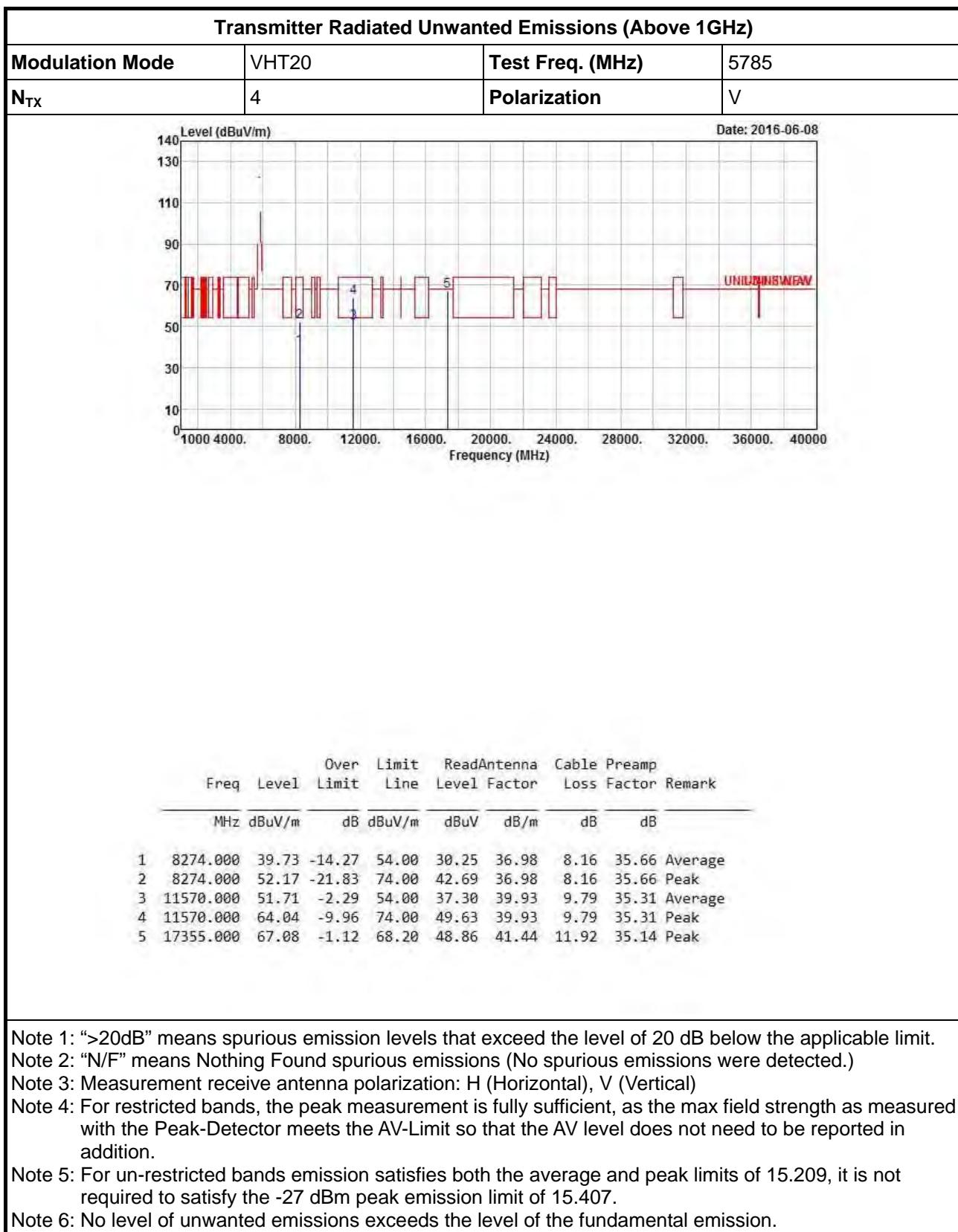








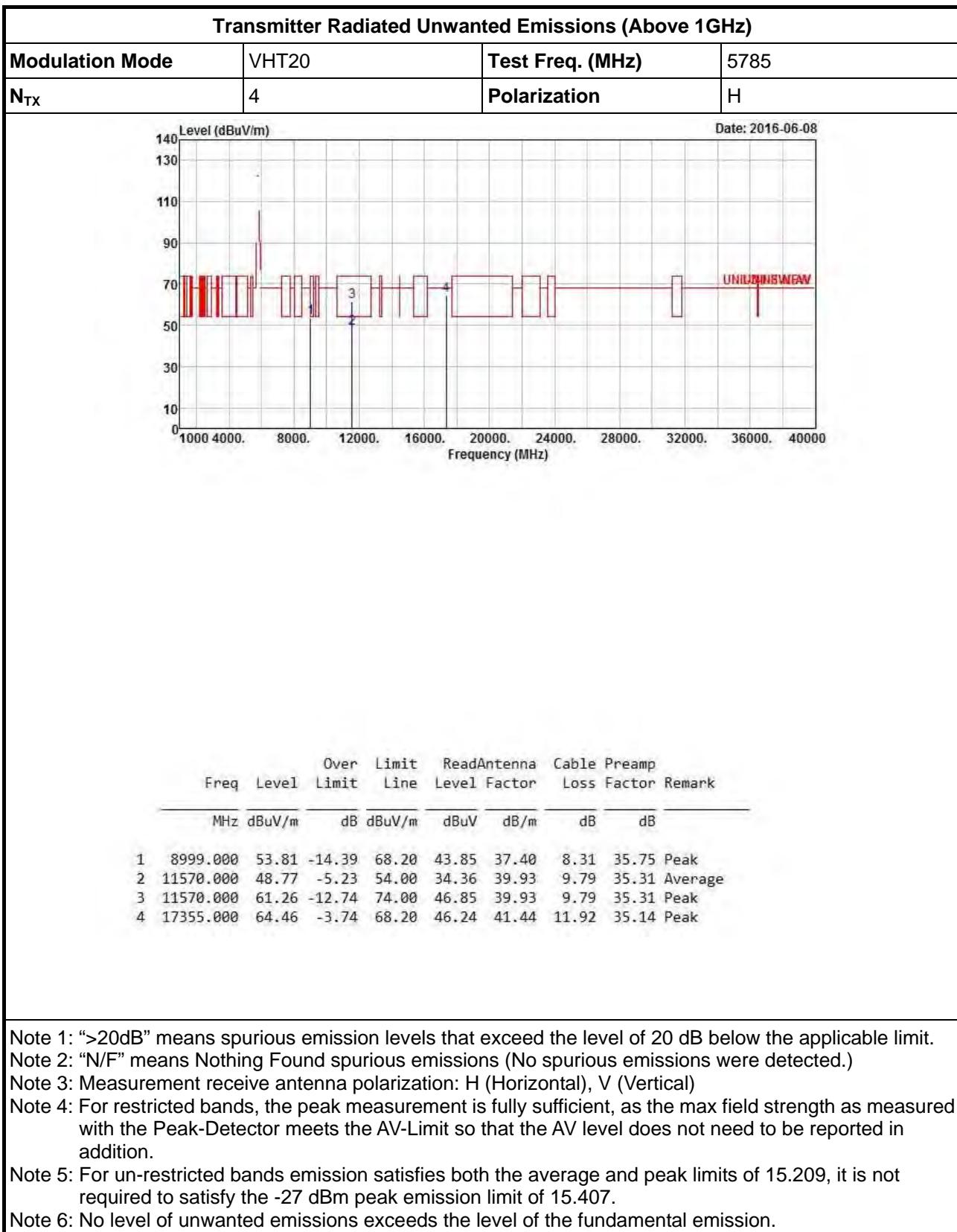


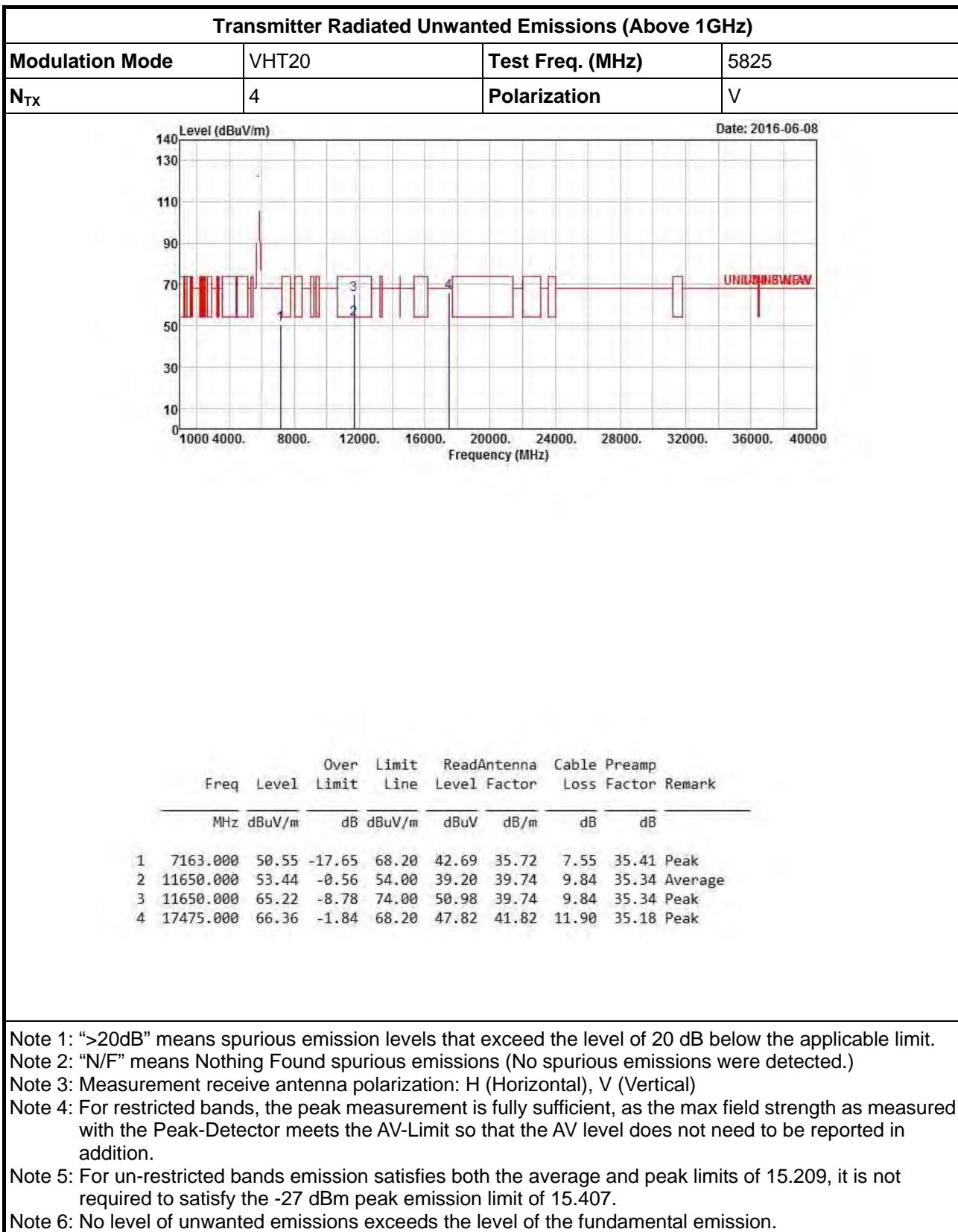




Transmitter Radiated Unwanted Emissions

Appendix E





Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

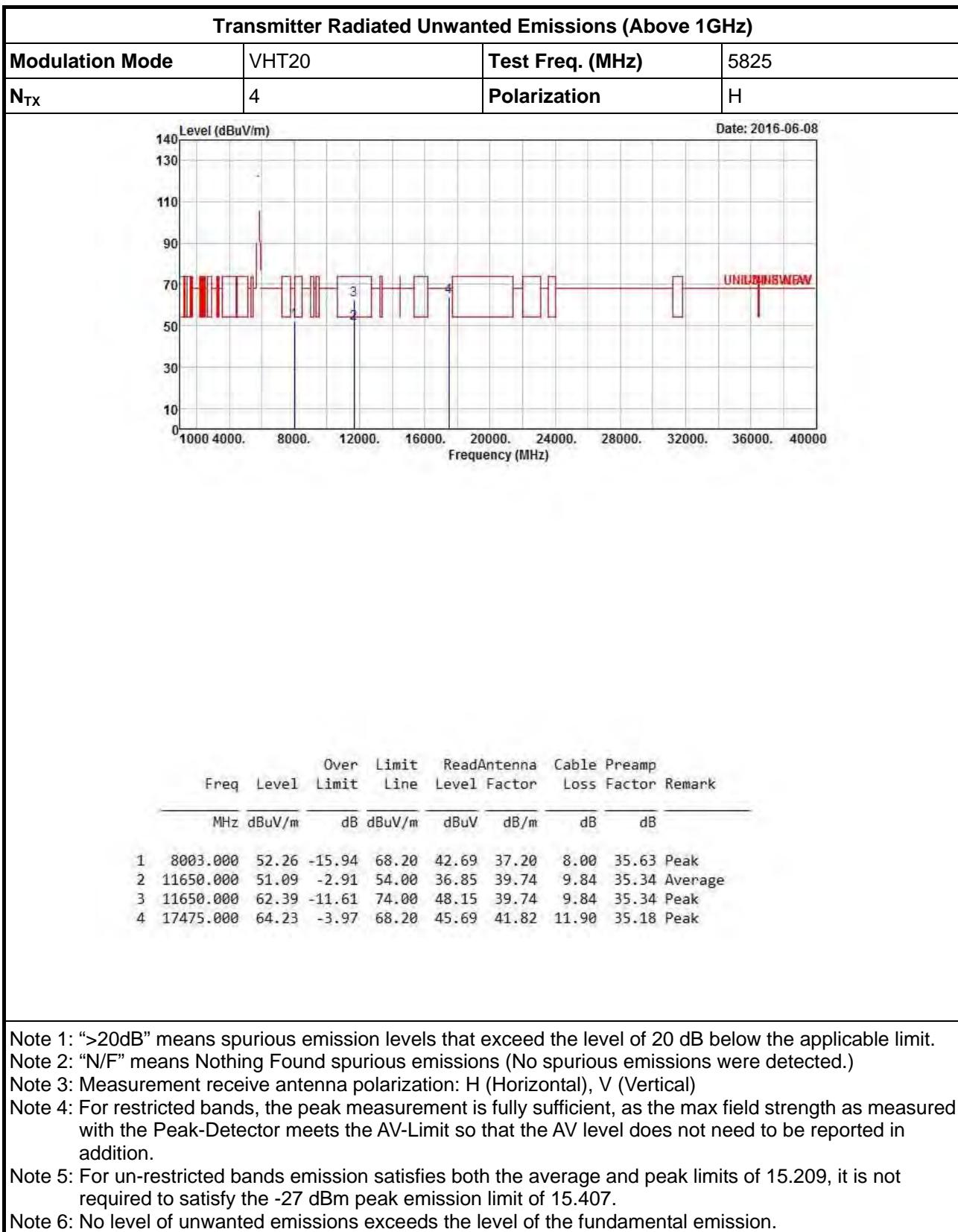
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.



Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

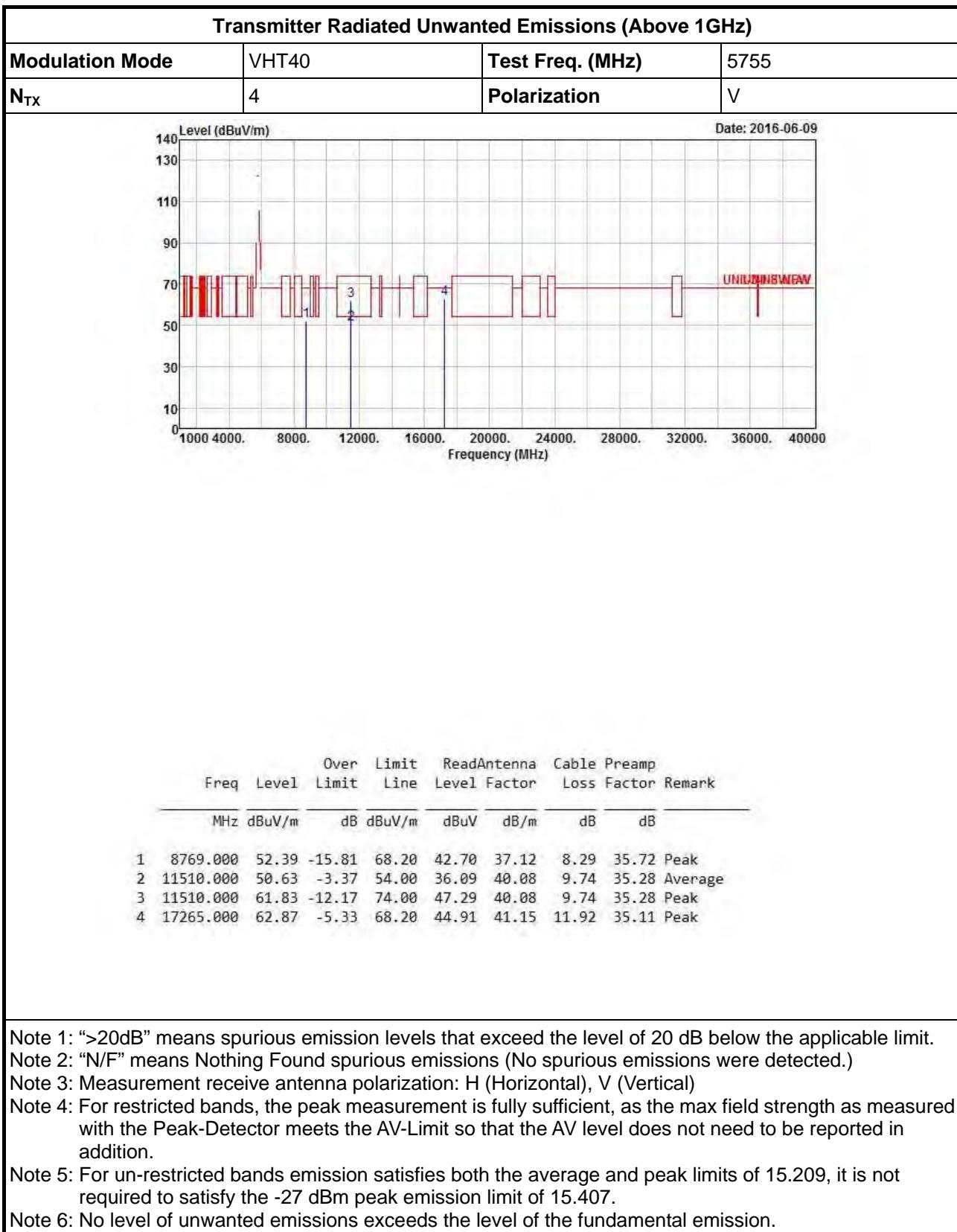
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.



Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

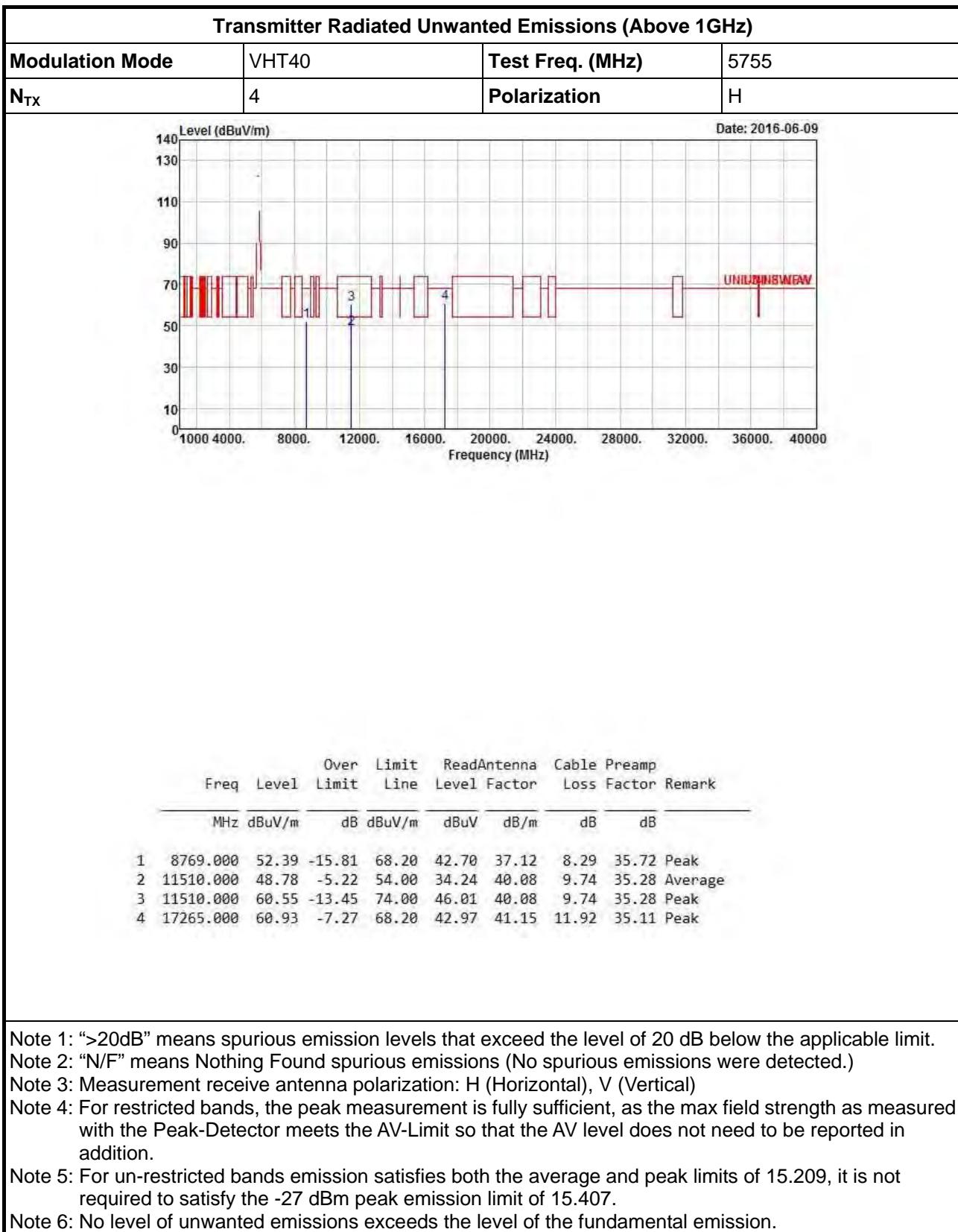
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.



Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

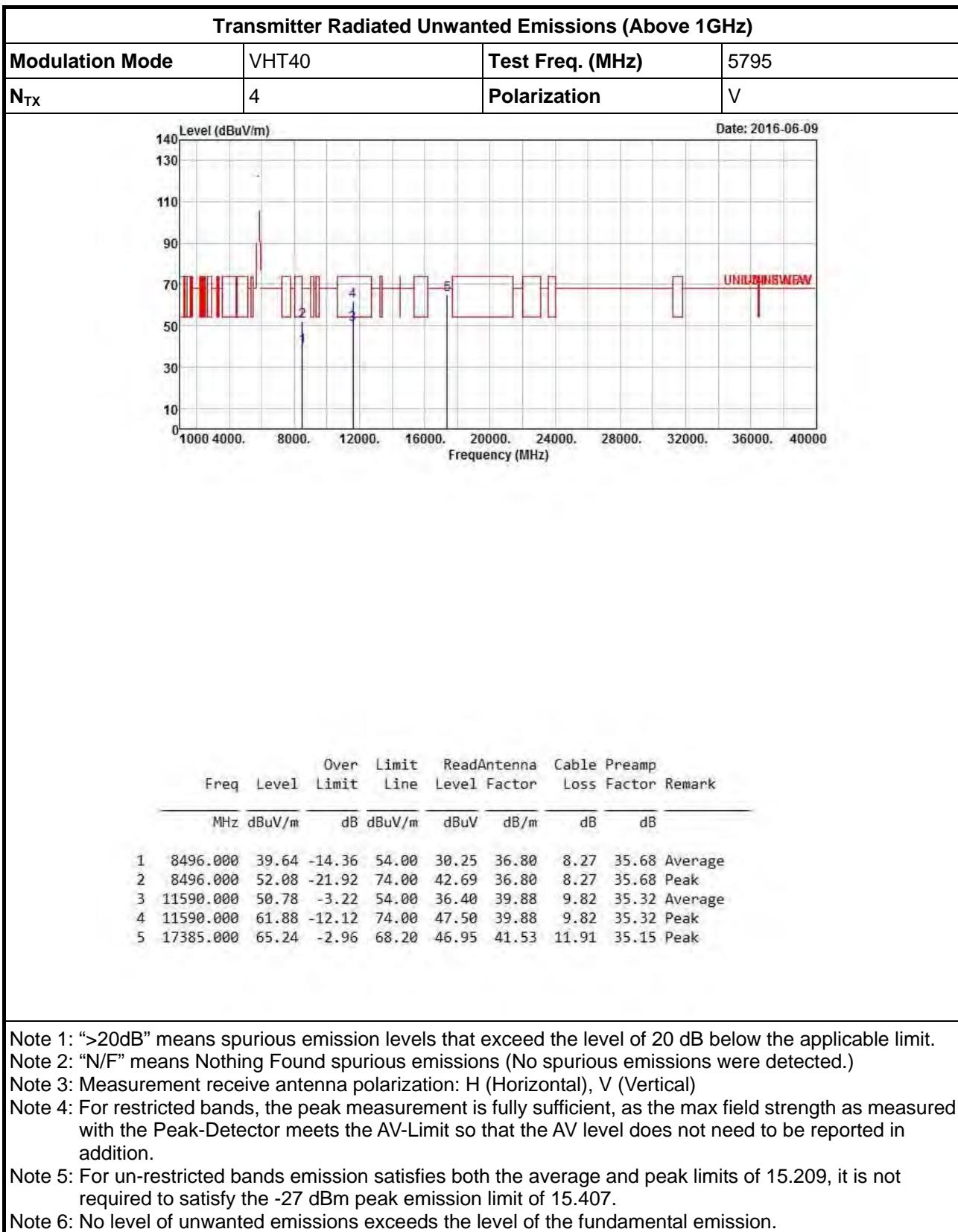
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

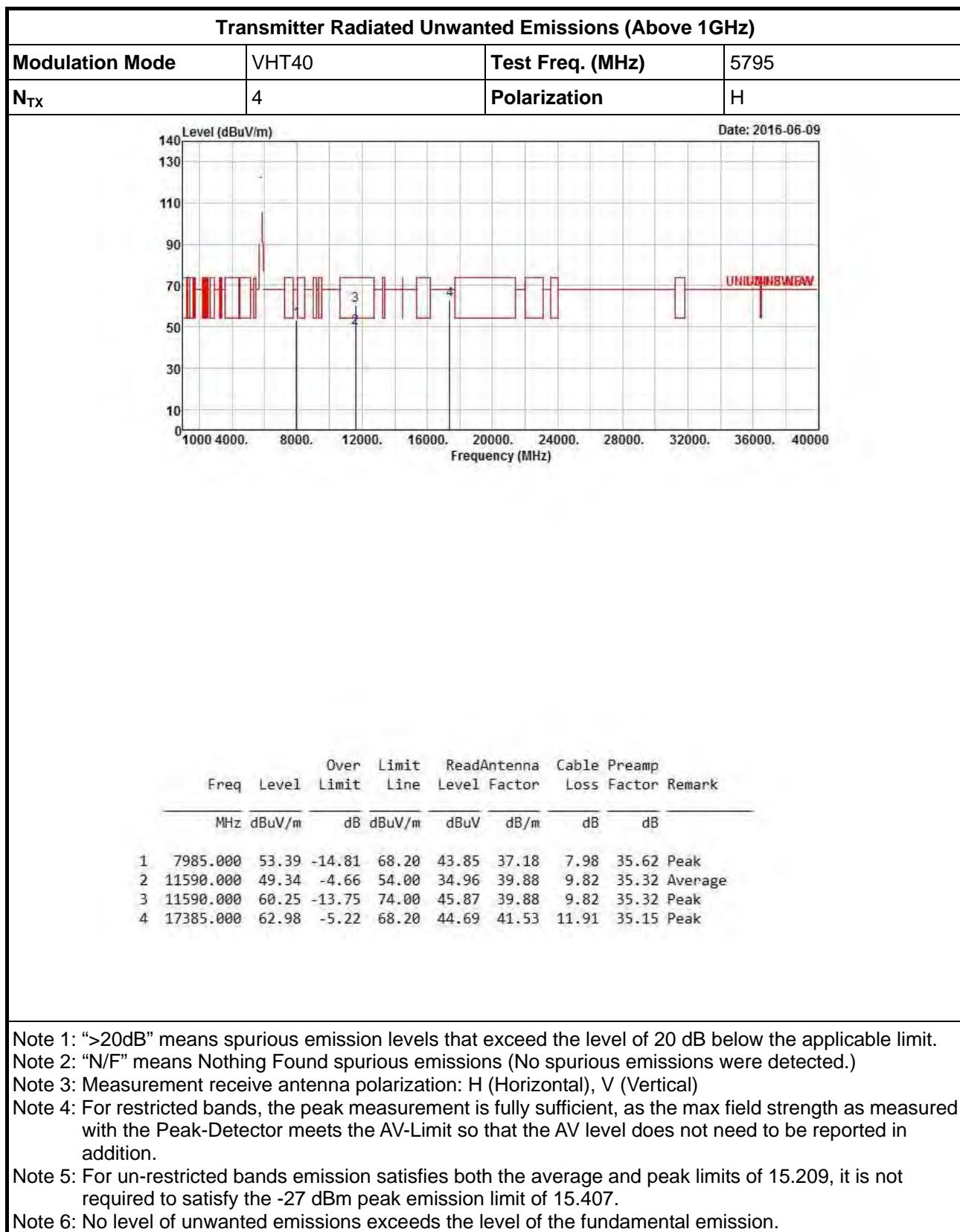
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

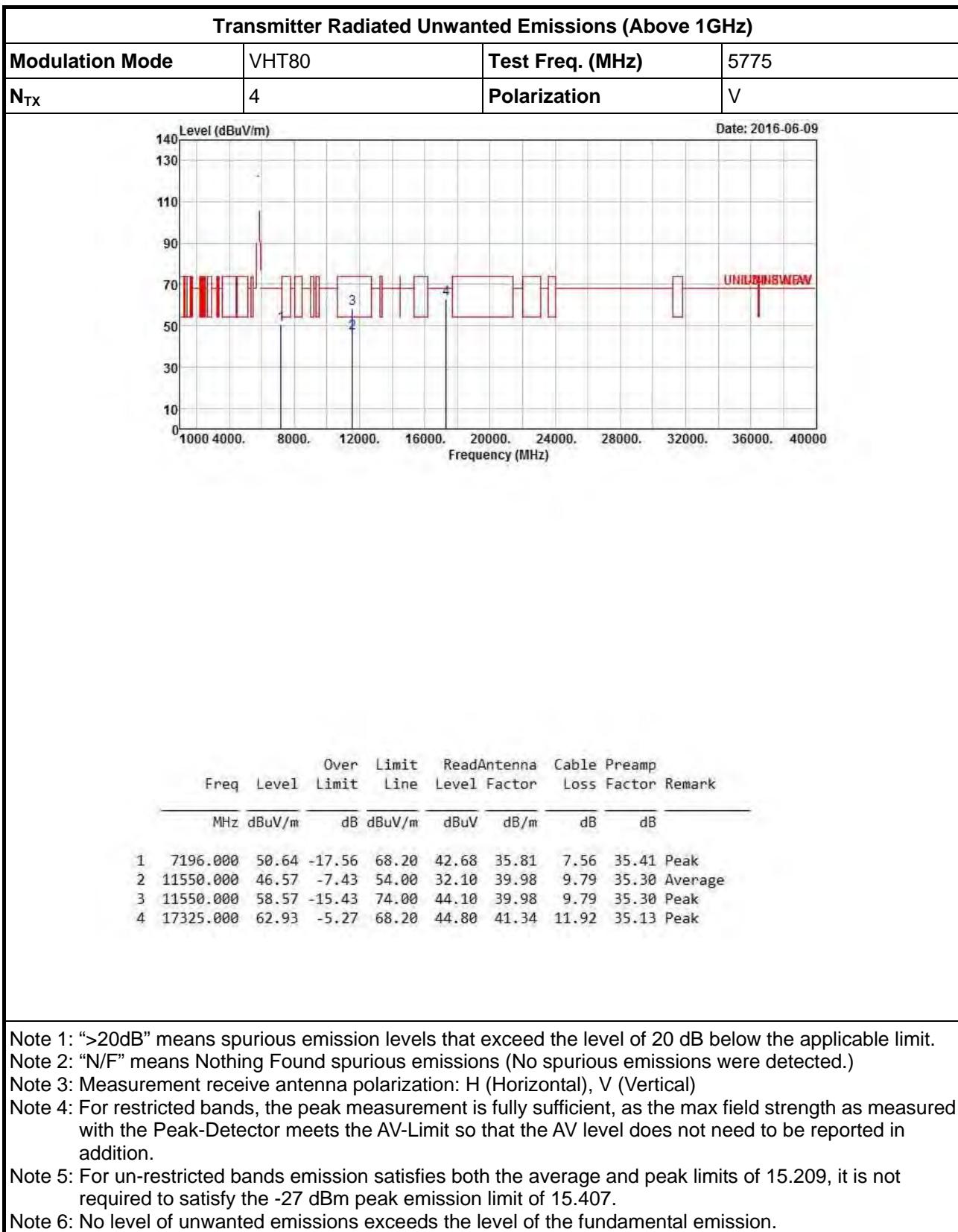
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

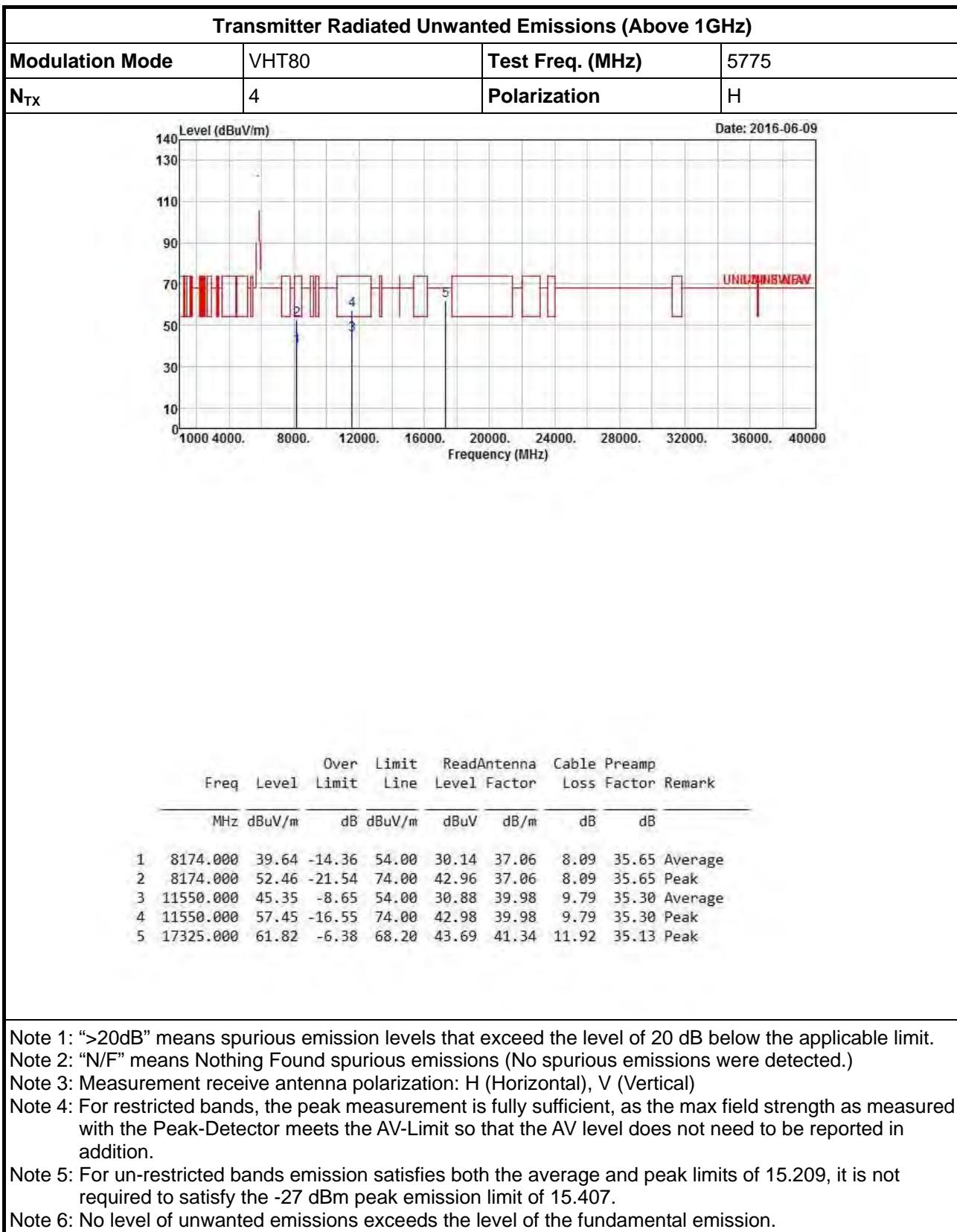
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

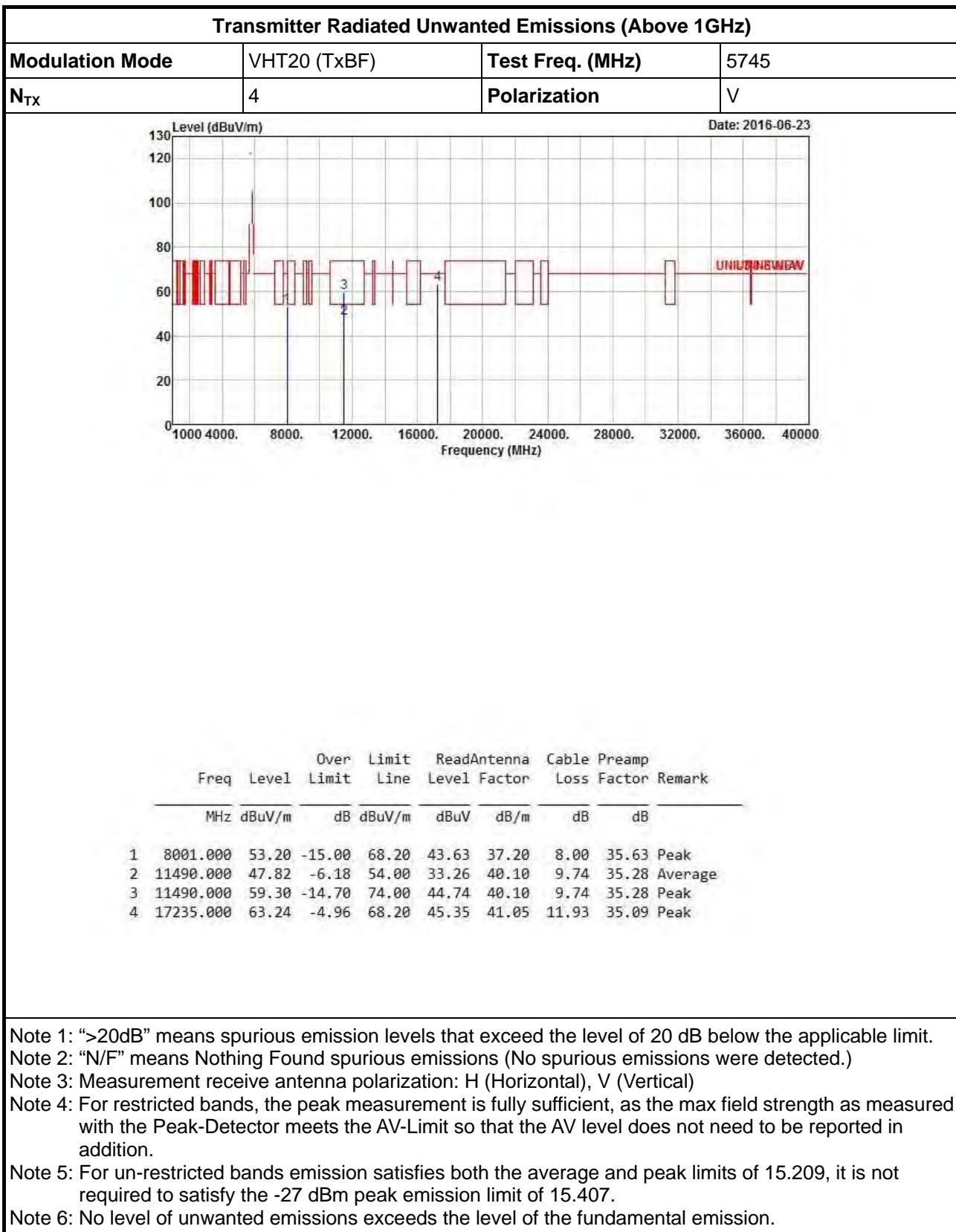
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

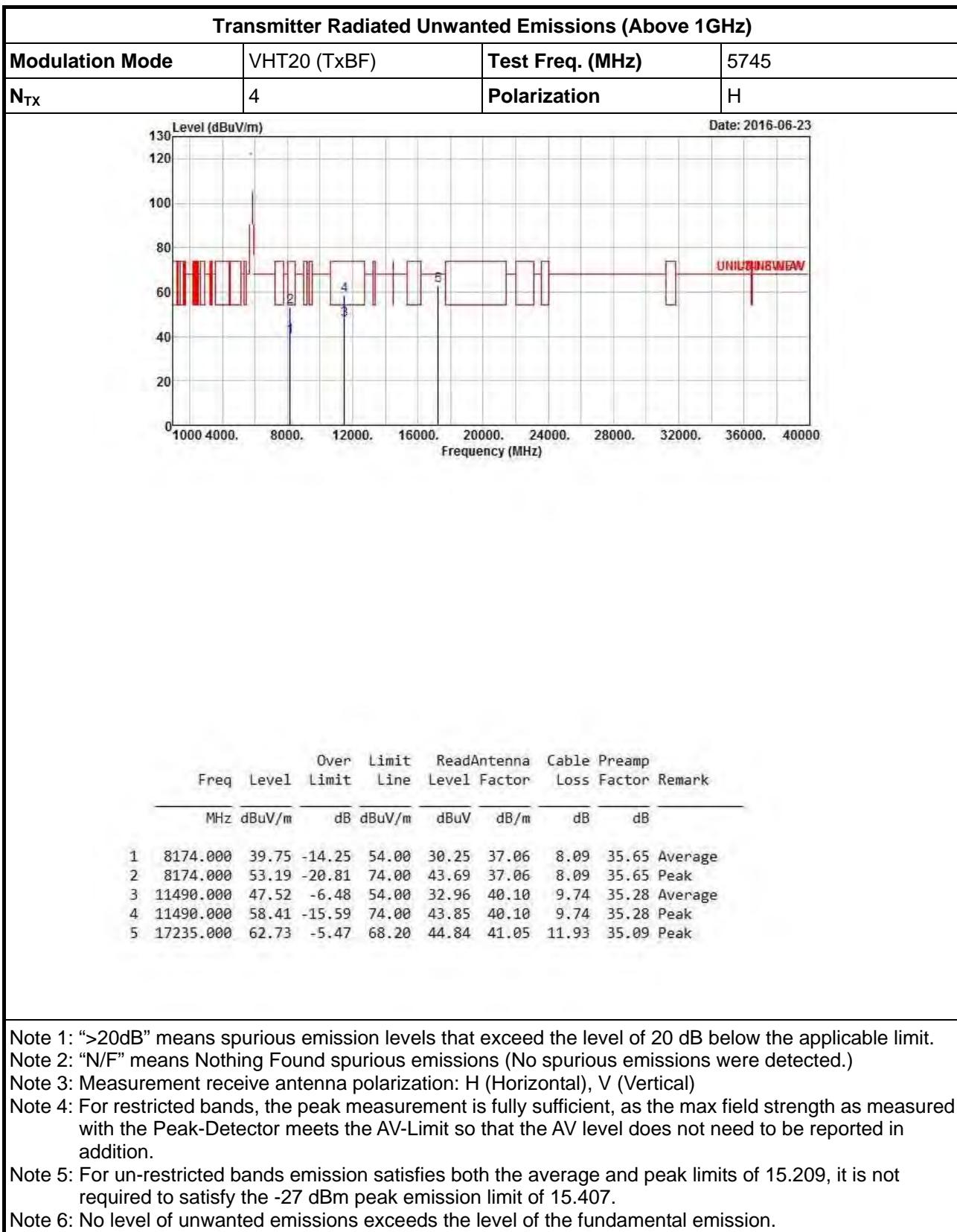


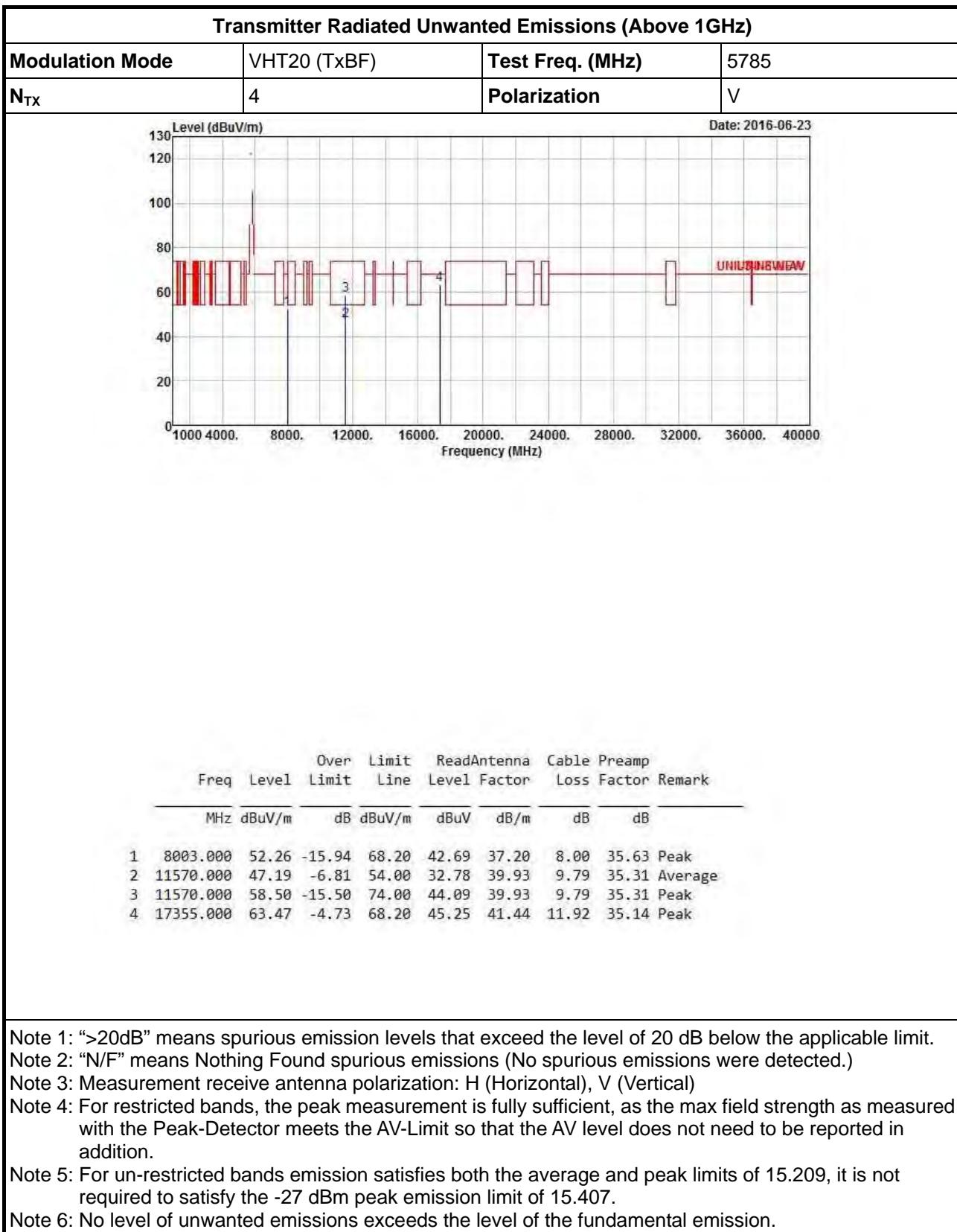


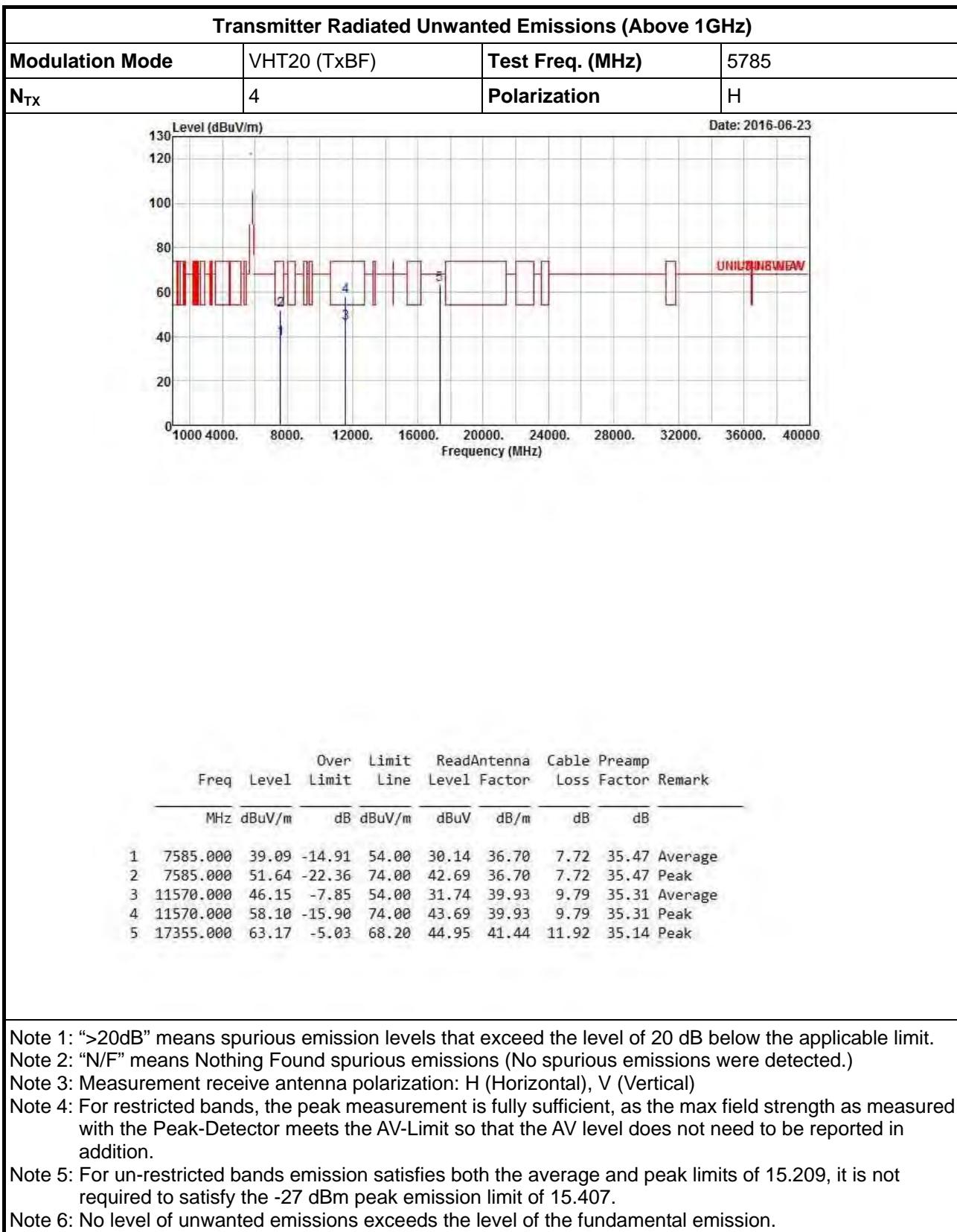


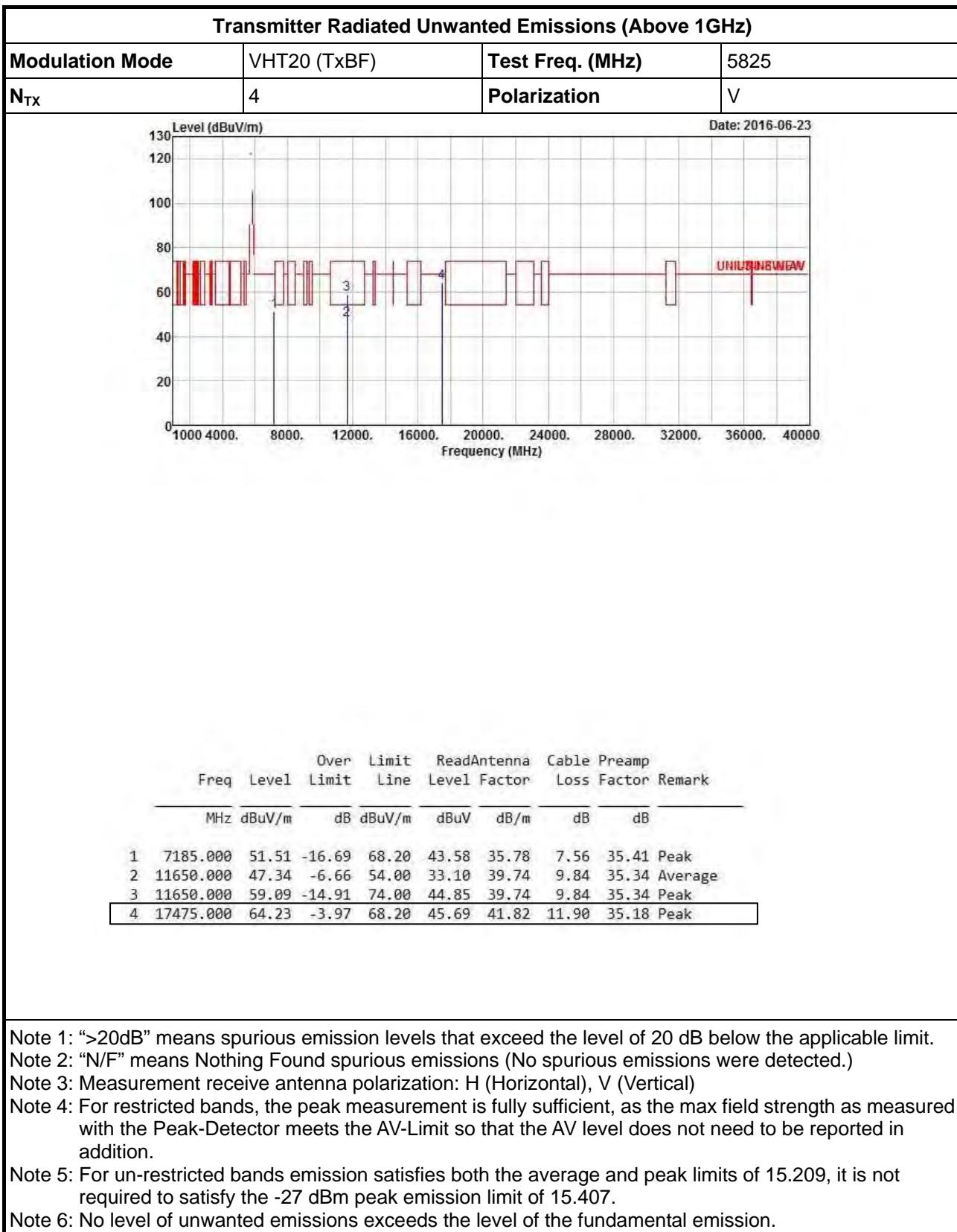


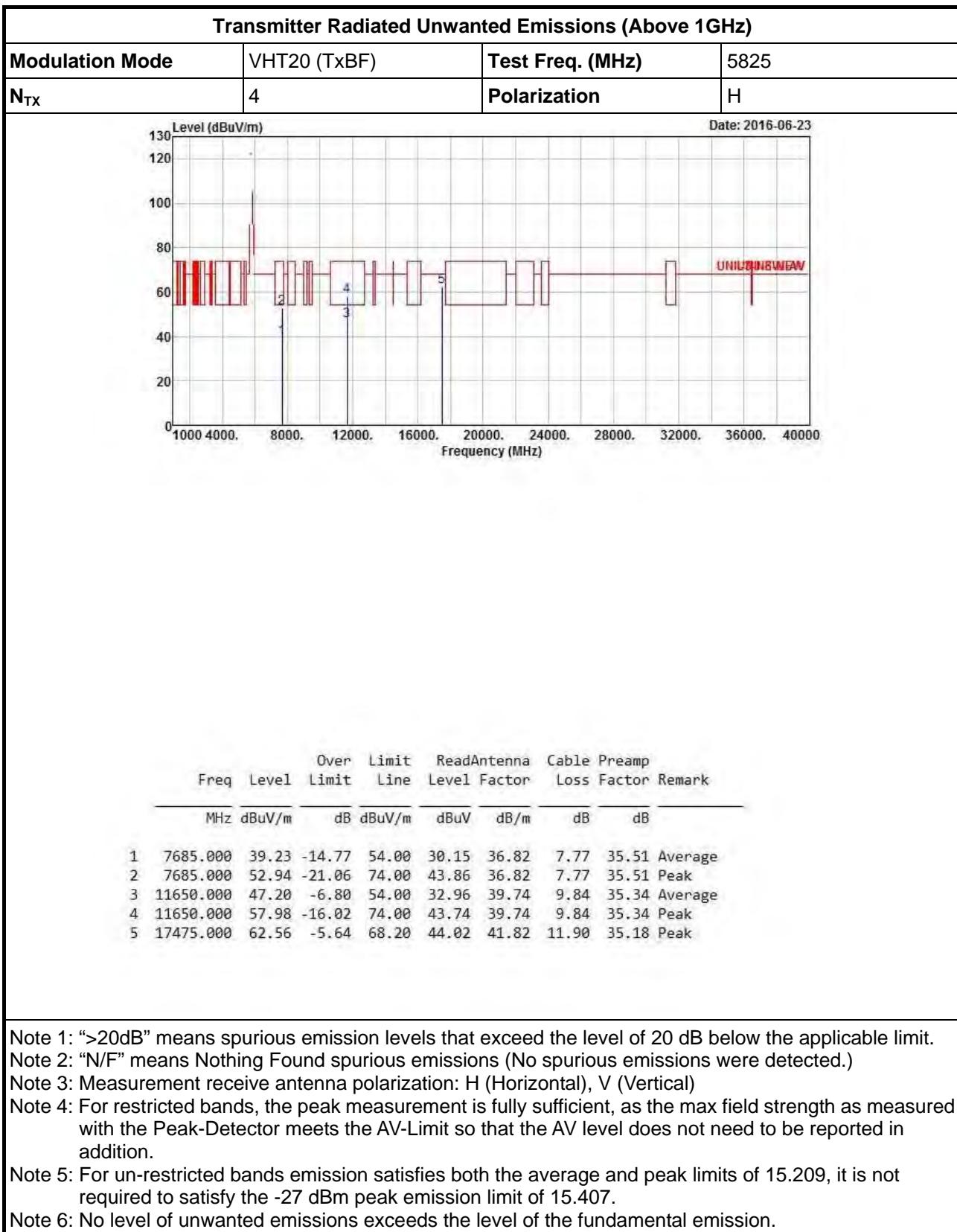


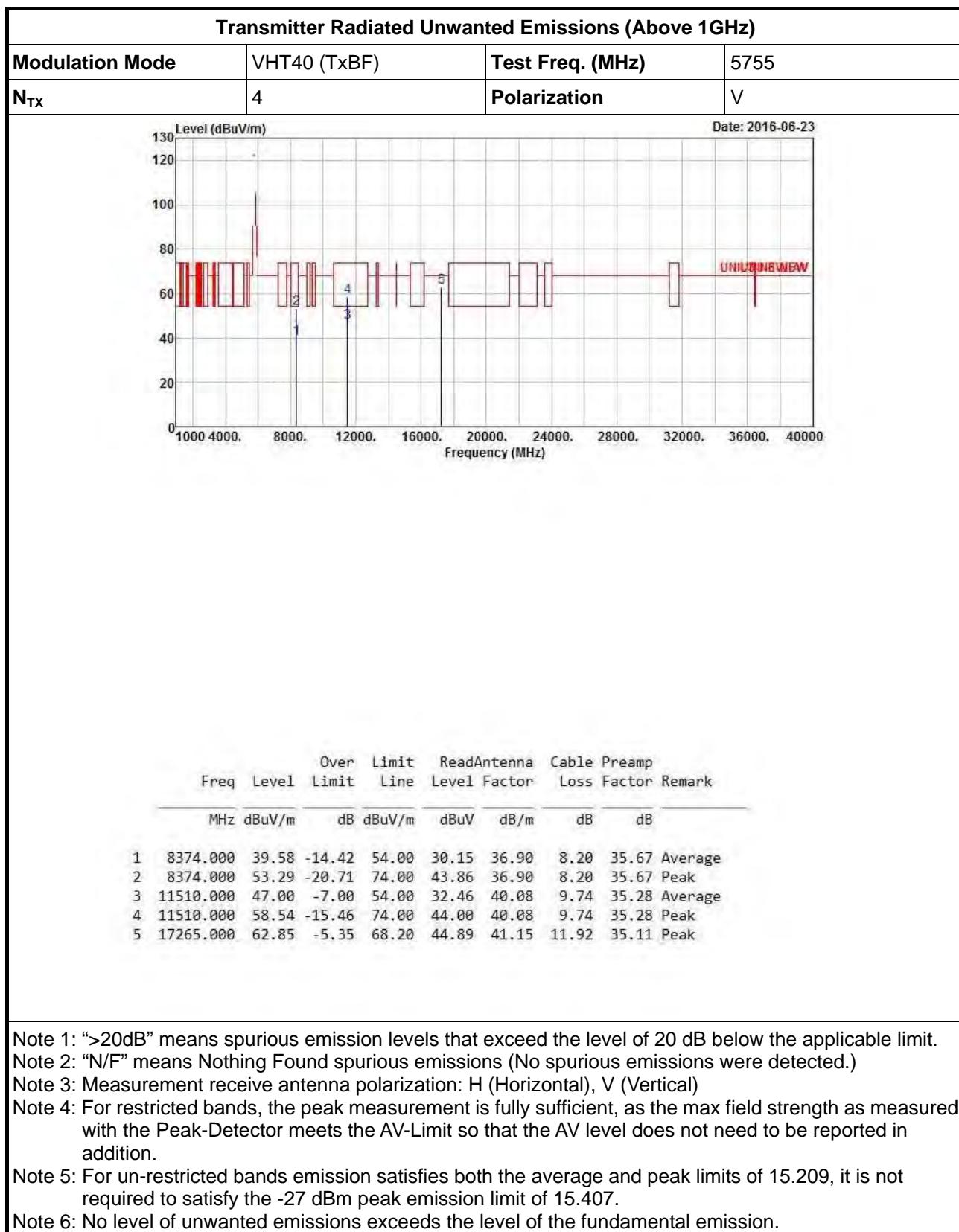


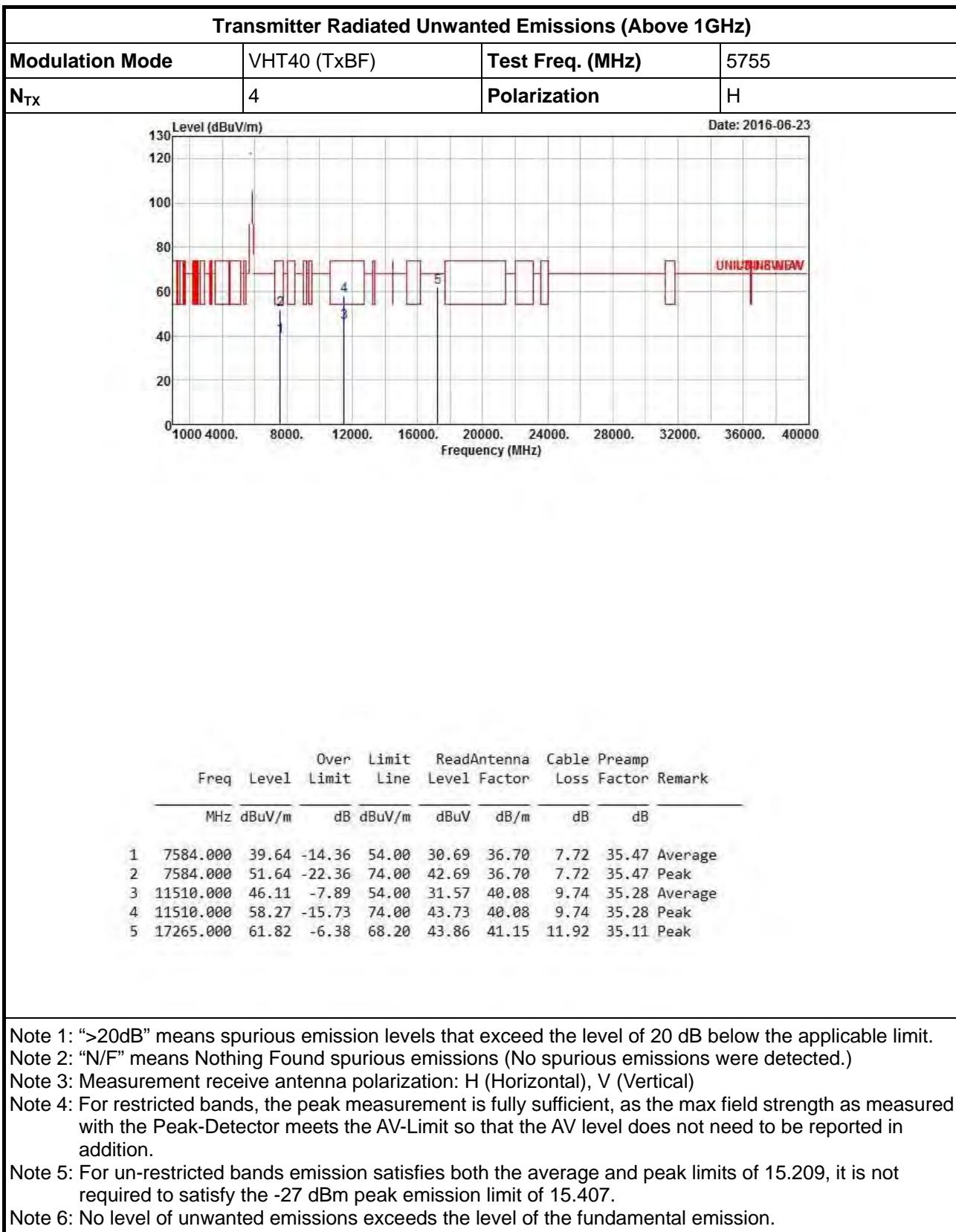


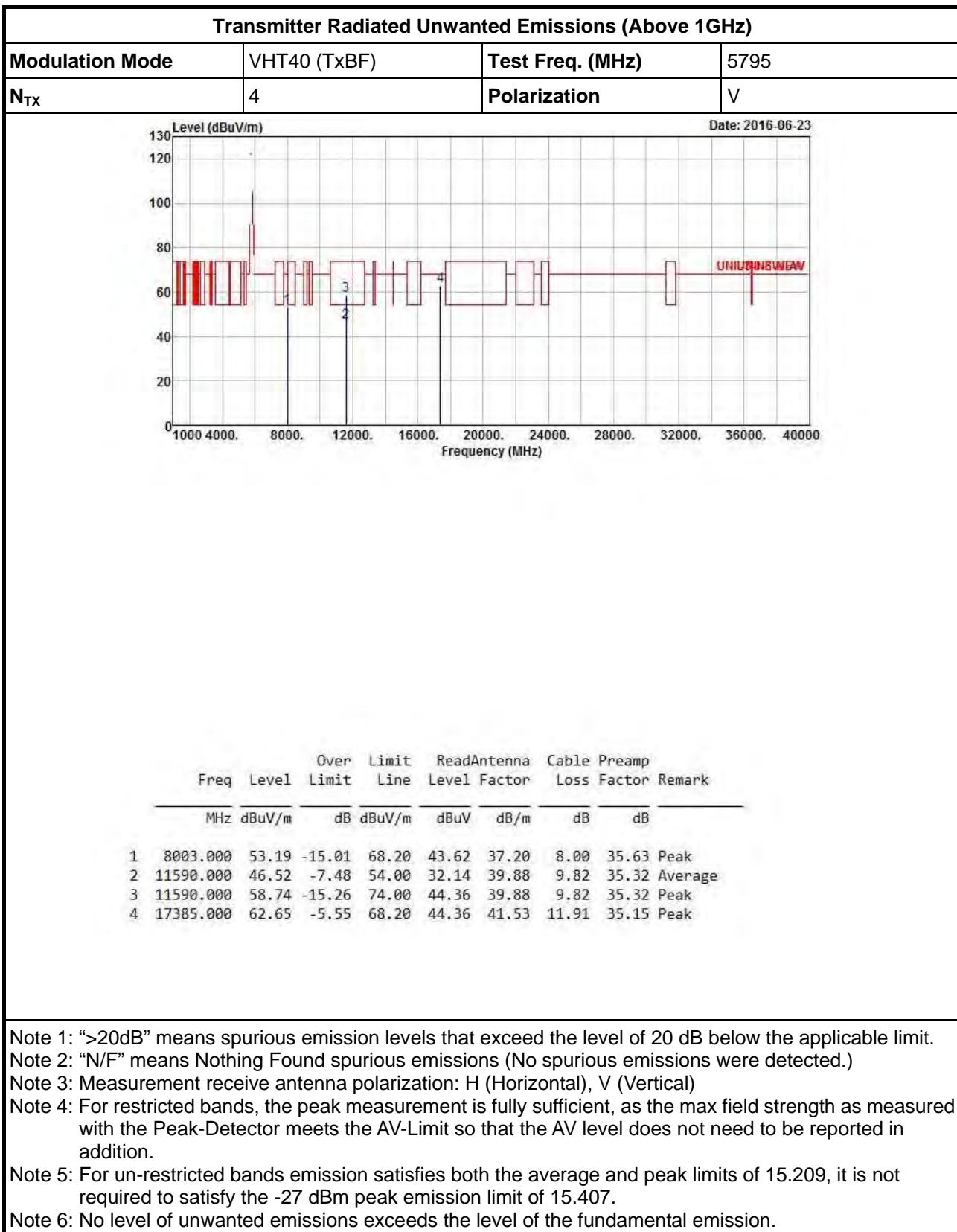












Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

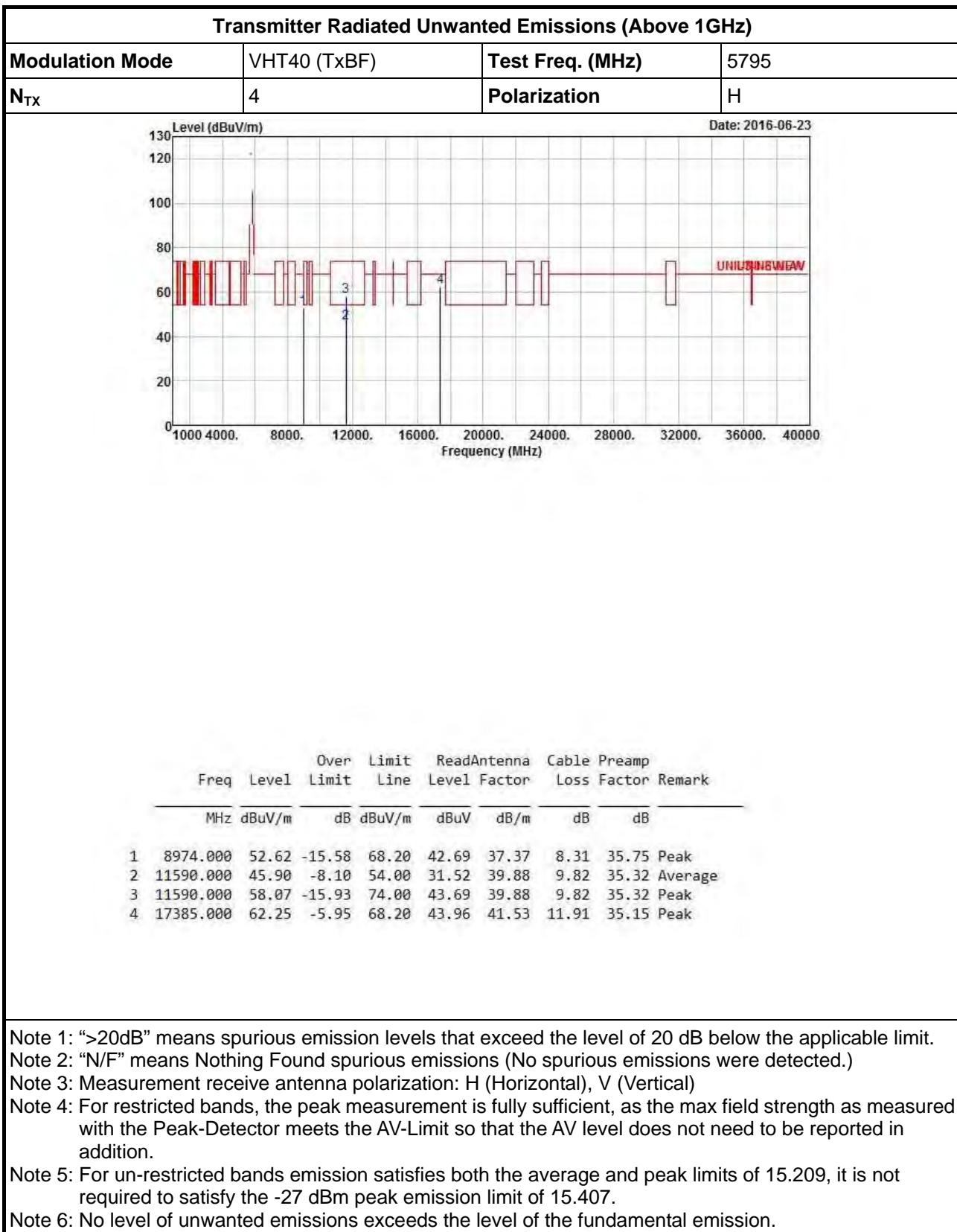
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

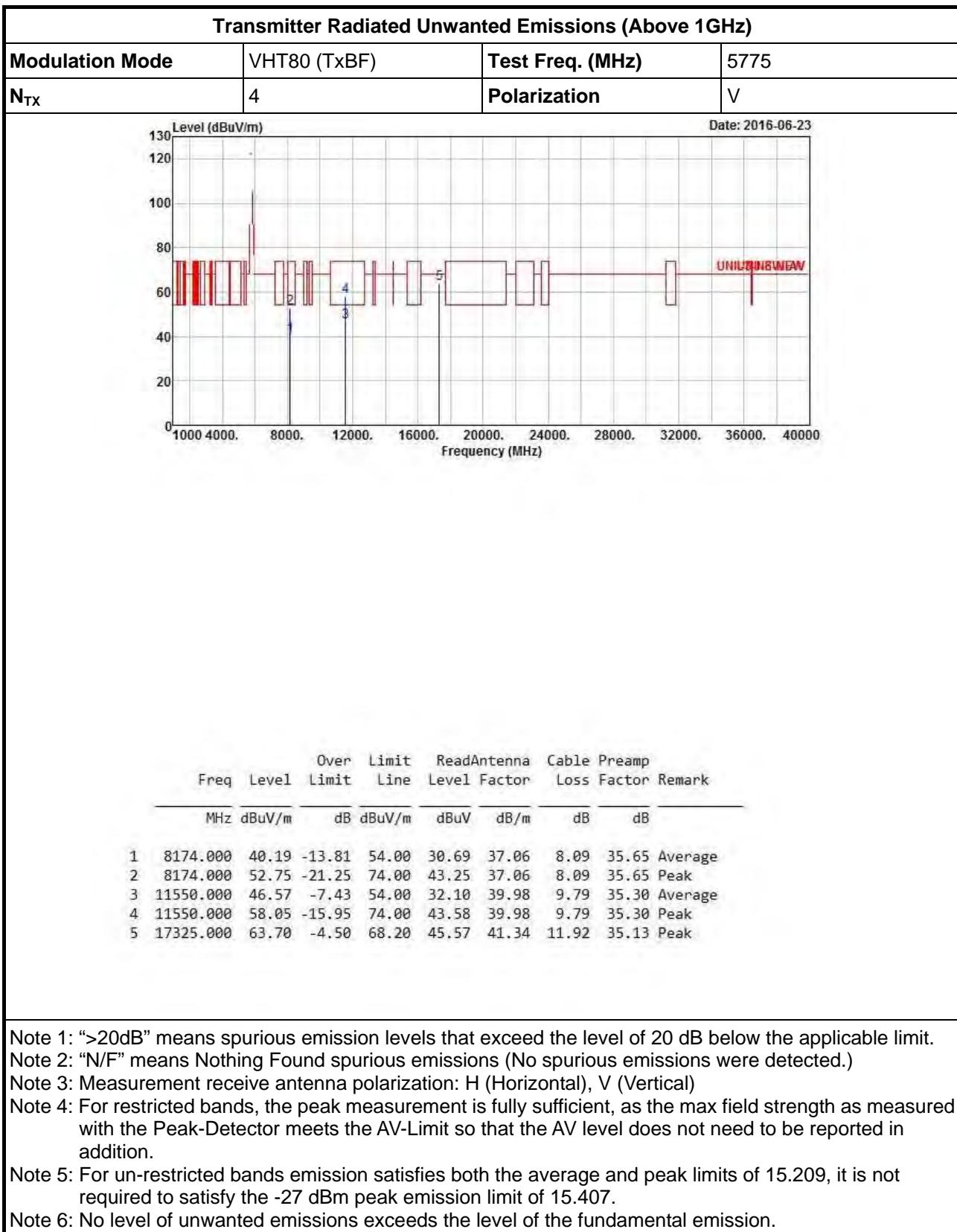
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

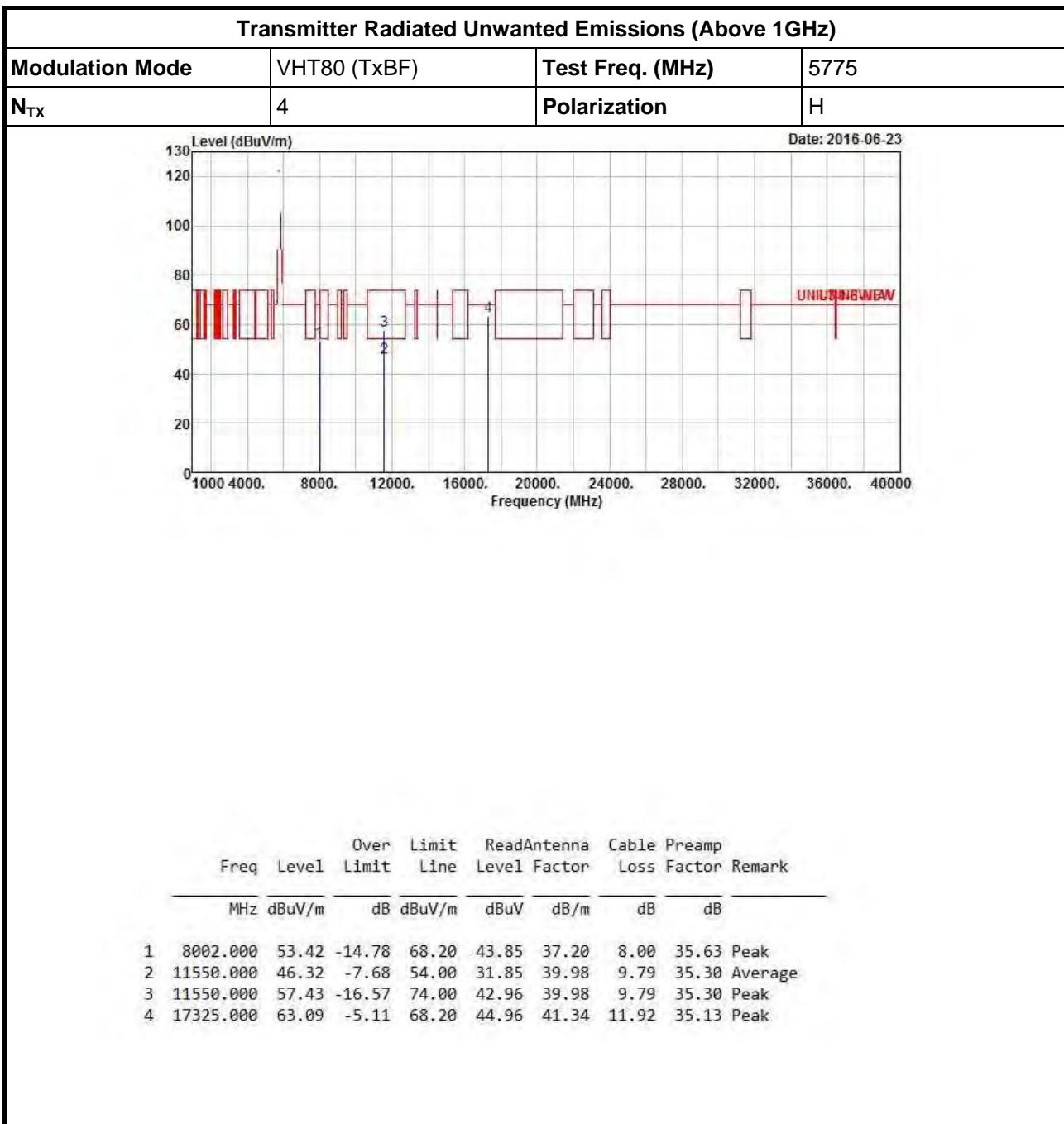
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.







Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

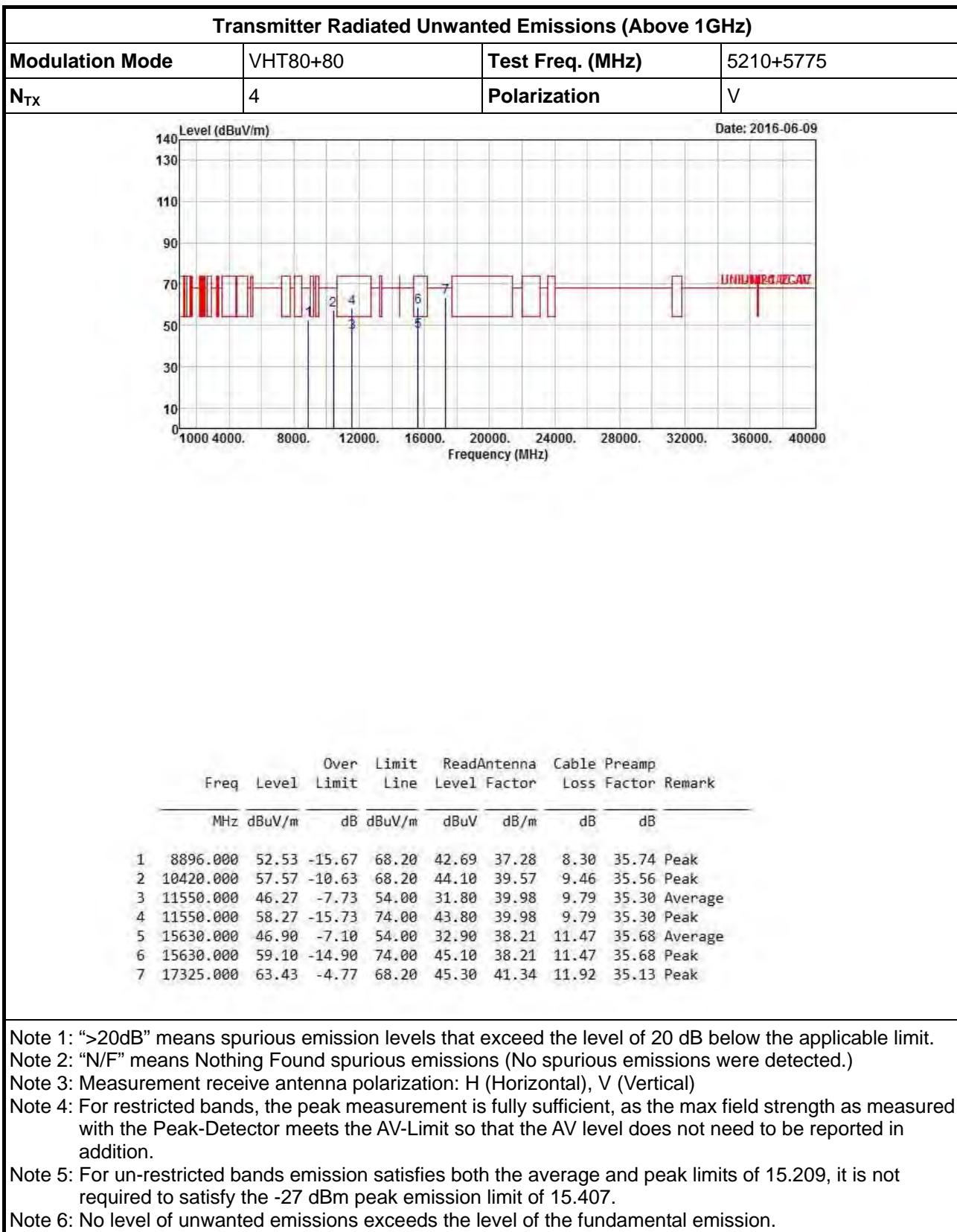
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

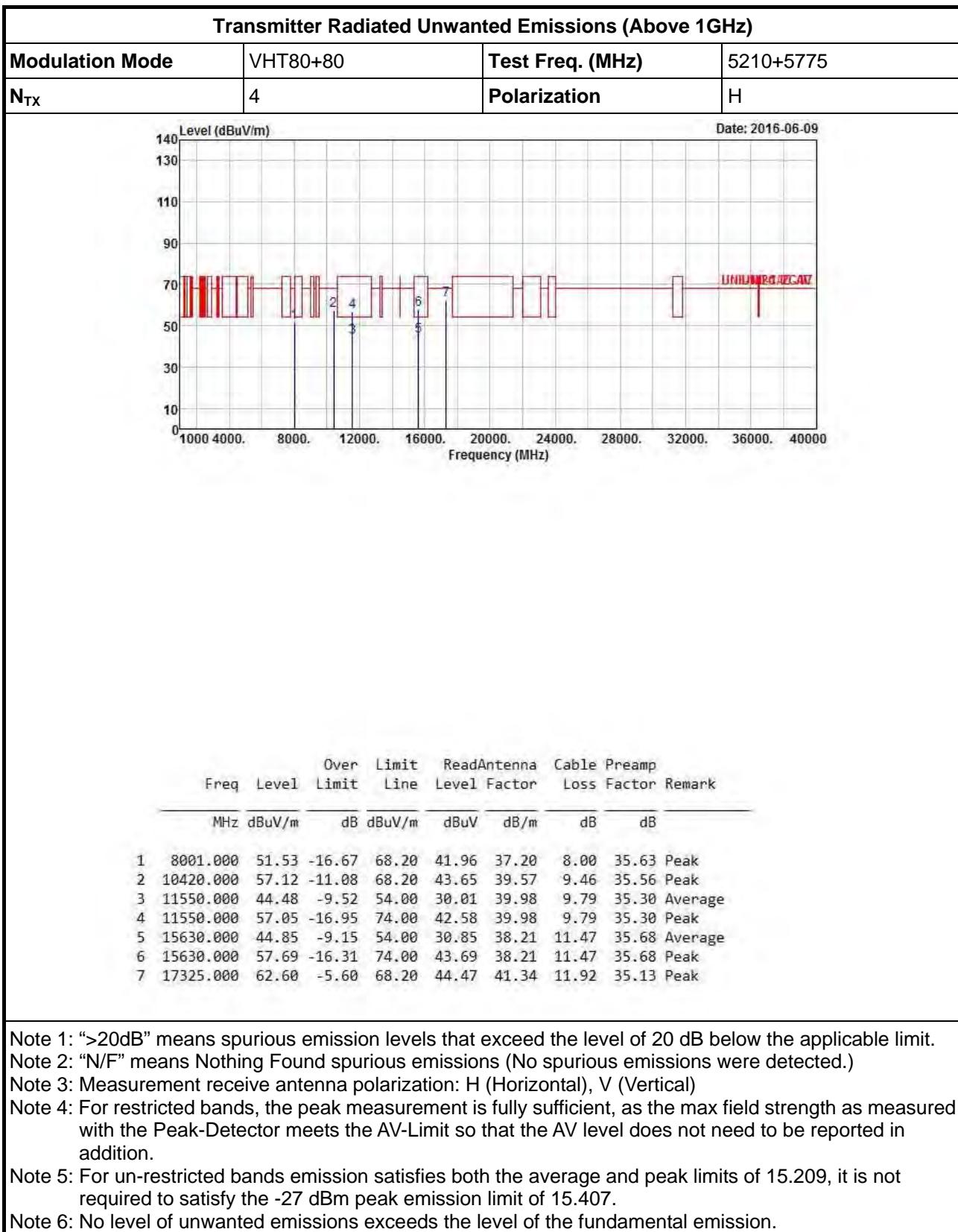
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

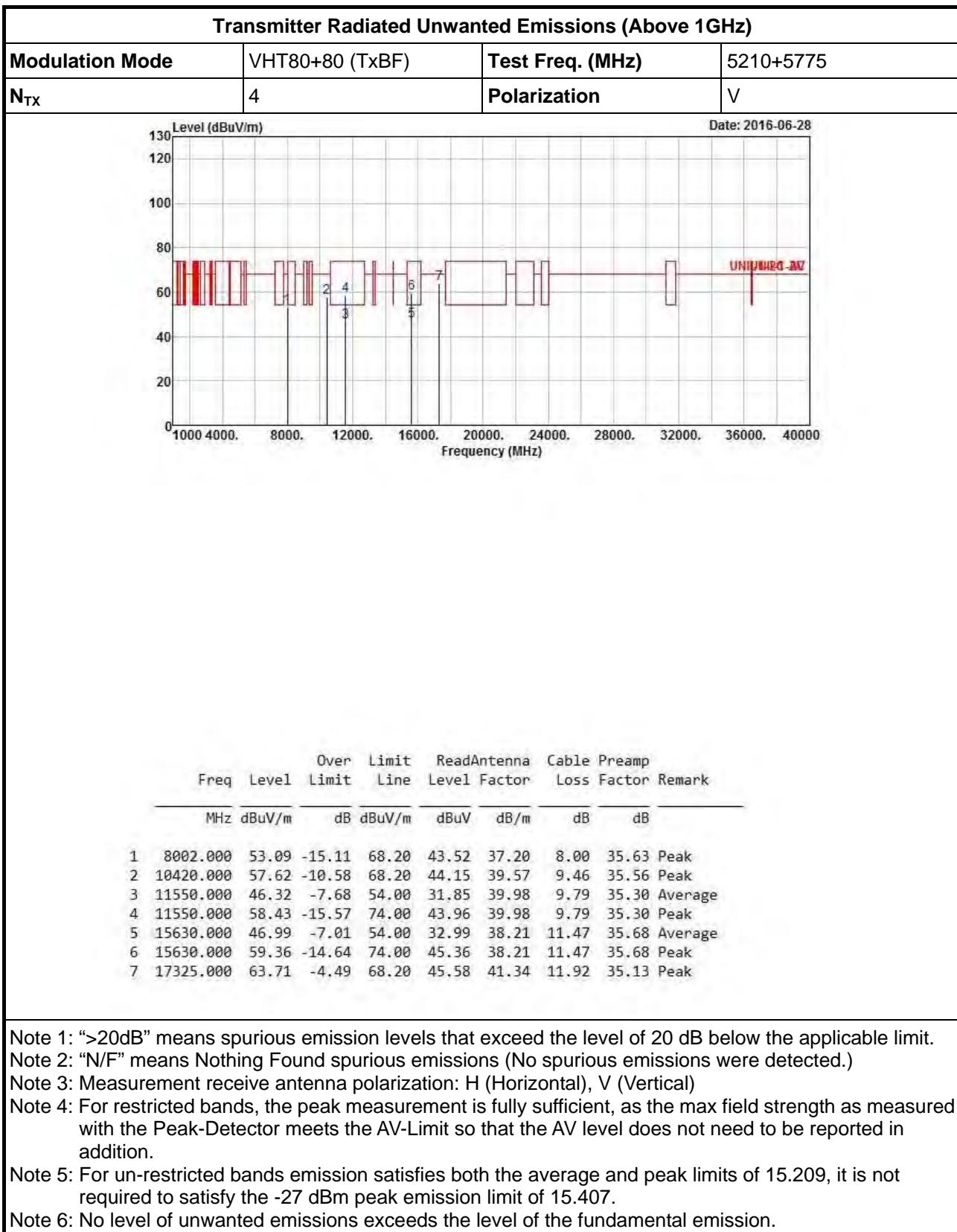
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

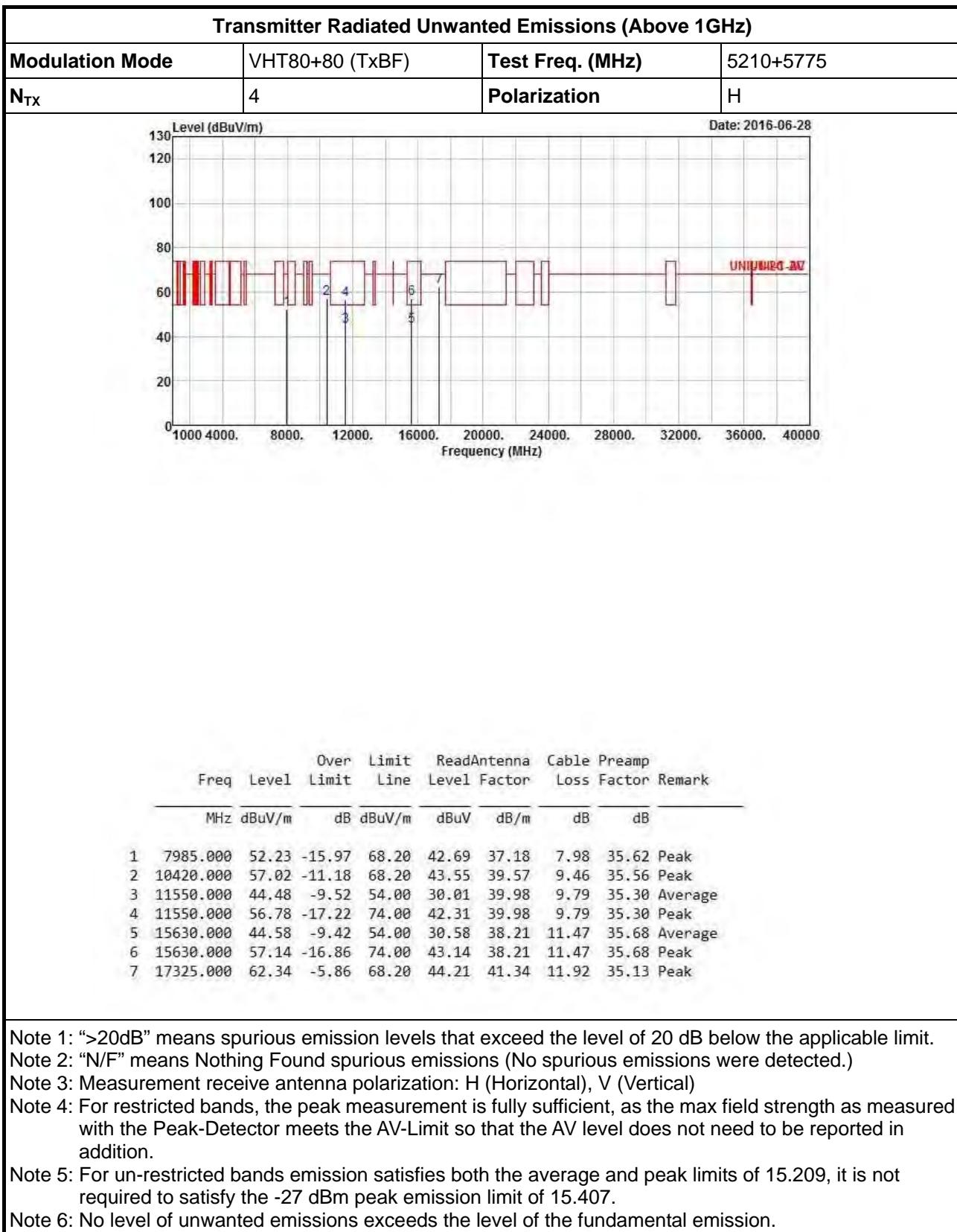
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.











Summary

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (ppm)	Port	Remark
5.2G;11a;20;1;4;5200;M;T40;VN	Pass	5.2G	5.19994212G	NaN	NaN	11.131	20	1	5 min



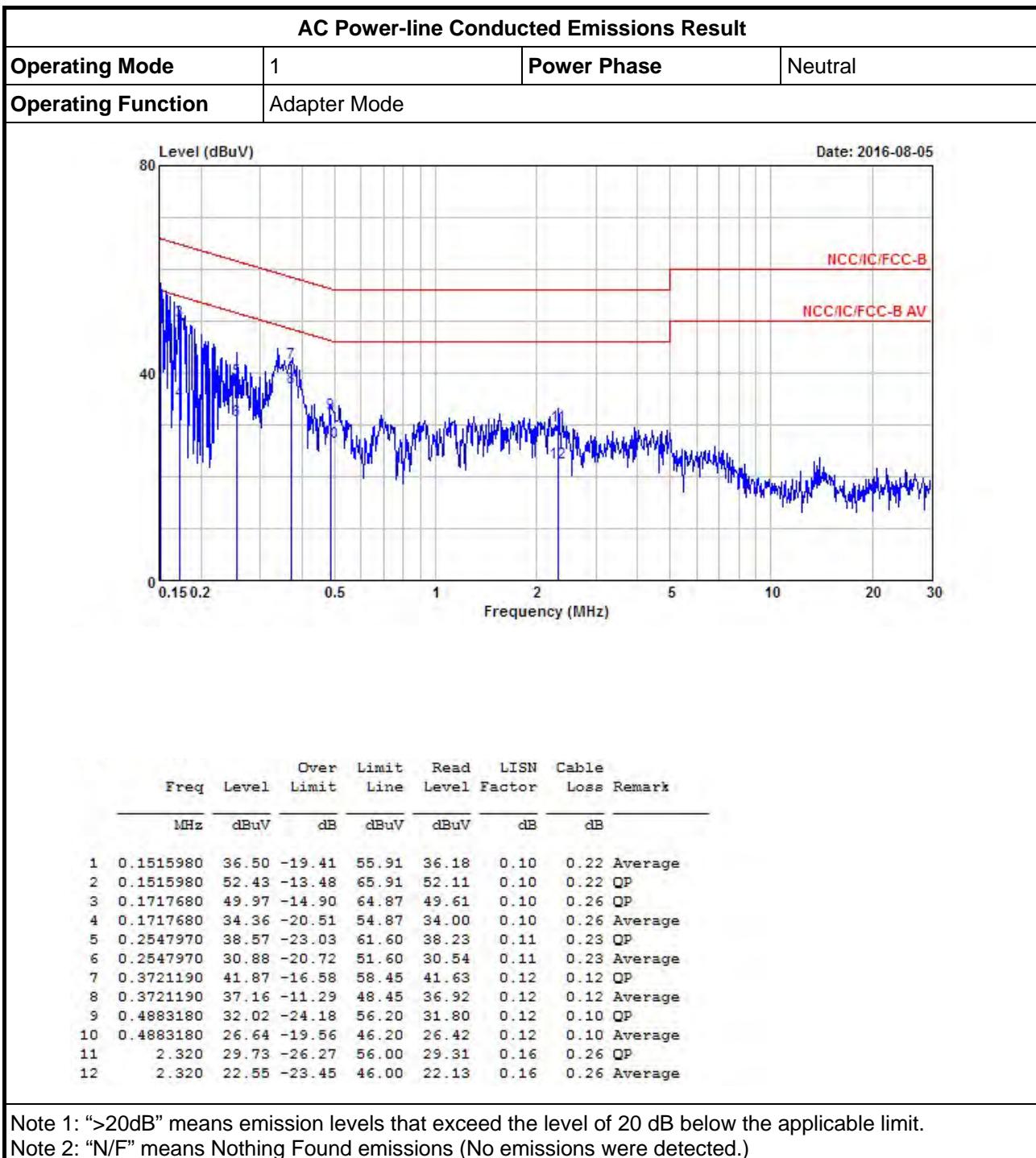
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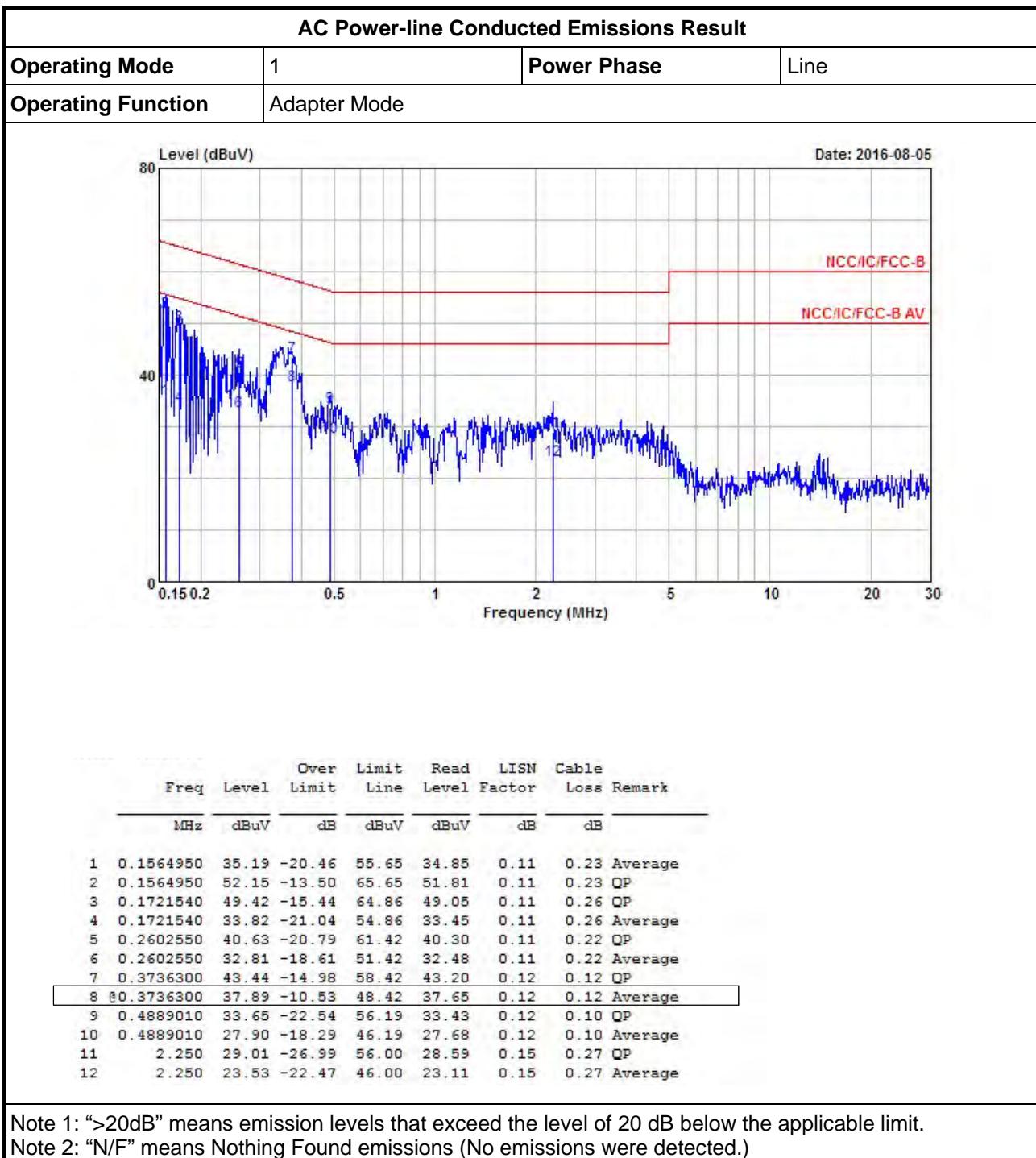
Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (ppm)	Port	Remark
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	5.2G	5.19998552G	NaN	NaN	2.784	20	1	0 min
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	5.2G	5.19998548G	NaN	NaN	2.792	20	1	2 min
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	5.2G	5.19998551G	NaN	NaN	2.787	20	1	5 min
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	5.2G	5.19998548G	NaN	NaN	2.793	20	1	10 min
5.2G;11a;20;1;4;5200;M;TN,VL	Pass	5.2G	5.19998554G	NaN	NaN	2.78	20	1	0 min
5.2G;11a;20;1;4;5200;M;TN,VL	Pass	5.2G	5.19998557G	NaN	NaN	2.776	20	1	2 min
5.2G;11a;20;1;4;5200;M;TN,VL	Pass	5.2G	5.19998557G	NaN	NaN	2.775	20	1	5 min
5.2G;11a;20;1;4;5200;M;TN,VL	Pass	5.2G	5.19998557G	NaN	NaN	2.775	20	1	10 min
5.2G;11a;20;1;4;5200;M;TN,VH	Pass	5.2G	5.19998564G	NaN	NaN	2.762	20	1	0 min
5.2G;11a;20;1;4;5200;M;TN,VH	Pass	5.2G	5.19998564G	NaN	NaN	2.762	20	1	2 min
5.2G;11a;20;1;4;5200;M;TN,VH	Pass	5.2G	5.19998565G	NaN	NaN	2.759	20	1	5 min
5.2G;11a;20;1;4;5200;M;TN,VH	Pass	5.2G	5.19998551G	NaN	NaN	2.787	20	1	10 min
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.19994264G	NaN	NaN	11.031	20	1	0 min
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.19994244G	NaN	NaN	11.07	20	1	2 min
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.19994212G	NaN	NaN	11.131	20	1	5 min
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.1999422G	NaN	NaN	11.116	20	1	10 min
5.2G;11a;20;1;4;5200;M;T30,VN	Pass	5.2G	5.19998184G	NaN	NaN	3.493	20	1	0 min
5.2G;11a;20;1;4;5200;M;T30,VN	Pass	5.2G	5.19998154G	NaN	NaN	3.55	20	1	2 min
5.2G;11a;20;1;4;5200;M;T30,VN	Pass	5.2G	5.19998151G	NaN	NaN	3.555	20	1	5 min
5.2G;11a;20;1;4;5200;M;T30,VN	Pass	5.2G	5.19998148G	NaN	NaN	3.562	20	1	10 min
5.2G;11a;20;1;4;5200;M;T20,VN	Pass	5.2G	5.19998578G	NaN	NaN	2.734	20	1	0 min
5.2G;11a;20;1;4;5200;M;T20,VN	Pass	5.2G	5.19998571G	NaN	NaN	2.749	20	1	2 min
5.2G;11a;20;1;4;5200;M;T20,VN	Pass	5.2G	5.19998571G	NaN	NaN	2.749	20	1	5 min
5.2G;11a;20;1;4;5200;M;T20,VN	Pass	5.2G	5.19998566G	NaN	NaN	2.759	20	1	10 min
5.2G;11a;20;1;4;5200;M;T10,VN	Pass	5.2G	5.19999499G	NaN	NaN	0.964	20	1	0 min
5.2G;11a;20;1;4;5200;M;T10,VN	Pass	5.2G	5.19999486G	NaN	NaN	0.989	20	1	2 min
5.2G;11a;20;1;4;5200;M;T10,VN	Pass	5.2G	5.19999474G	NaN	NaN	1.011	20	1	5 min
5.2G;11a;20;1;4;5200;M;T10,VN	Pass	5.2G	5.19999476G	NaN	NaN	1.008	20	1	10 min
5.2G;11a;20;1;4;5200;M;T0,VN	Pass	5.2G	5.20001556G	NaN	NaN	2.992	20	1	0 min
5.2G;11a;20;1;4;5200;M;T0,VN	Pass	5.2G	5.20001538G	NaN	NaN	2.958	20	1	2 min
5.2G;11a;20;1;4;5200;M;T0,VN	Pass	5.2G	5.20001539G	NaN	NaN	2.96	20	1	5 min
5.2G;11a;20;1;4;5200;M;T0,VN	Pass	5.2G	5.2000154G	NaN	NaN	2.962	20	1	10 min



AC Power-line Conducted Emissions

Appendix I







< For Non-Beamforming >
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.2G;11a;20;1;4	19.375M	16.442M	16M4D1D	18.9M	16.367M
5.2G;HT20;20;1,(M0-31);4	20.4M	17.641M	17M6D1D	19.95M	17.566M
5.2G;HT40;40;1,(M0-31);4	39.95M	36.182M	36M2D1D	39.25M	36.032M
5.2G;VHT20;20;1,(M0-8);4	20.525M	17.641M	17M6D1D	19.75M	17.566M
5.2G;VHT40;40;1,(M0-9);4	40.1M	36.232M	36M2D1D	39.2M	36.082M
5.2G;VHT80;80;1,(M0-9);4	80.2M	75.862M	75M9D1D	80M	75.762M
5.2G;VHT80+80;80;1,(M0-9);4	200M	194.203M	194MD1D	80M	75.662M
5.8G;11a;20;1;4	16.325M	16.467M	16M5D1D	16.275M	16.392M
5.8G;VHT20;20;1,(M0-8);4	17.575M	17.666M	17M7D1D	16.525M	17.591M
5.8G;VHT40;40;1,(M0-9);4	36.35M	36.182M	36M2D1D	35M	36.082M
5.8G;VHT80;80;1,(M0-9);4	76.4M	75.862M	75M9D1D	75.1M	75.662M
5.8G;VHT80+80;80;1,(M0-9);4	75.9M	196.002M	196MD1D	70.1M	75.662M



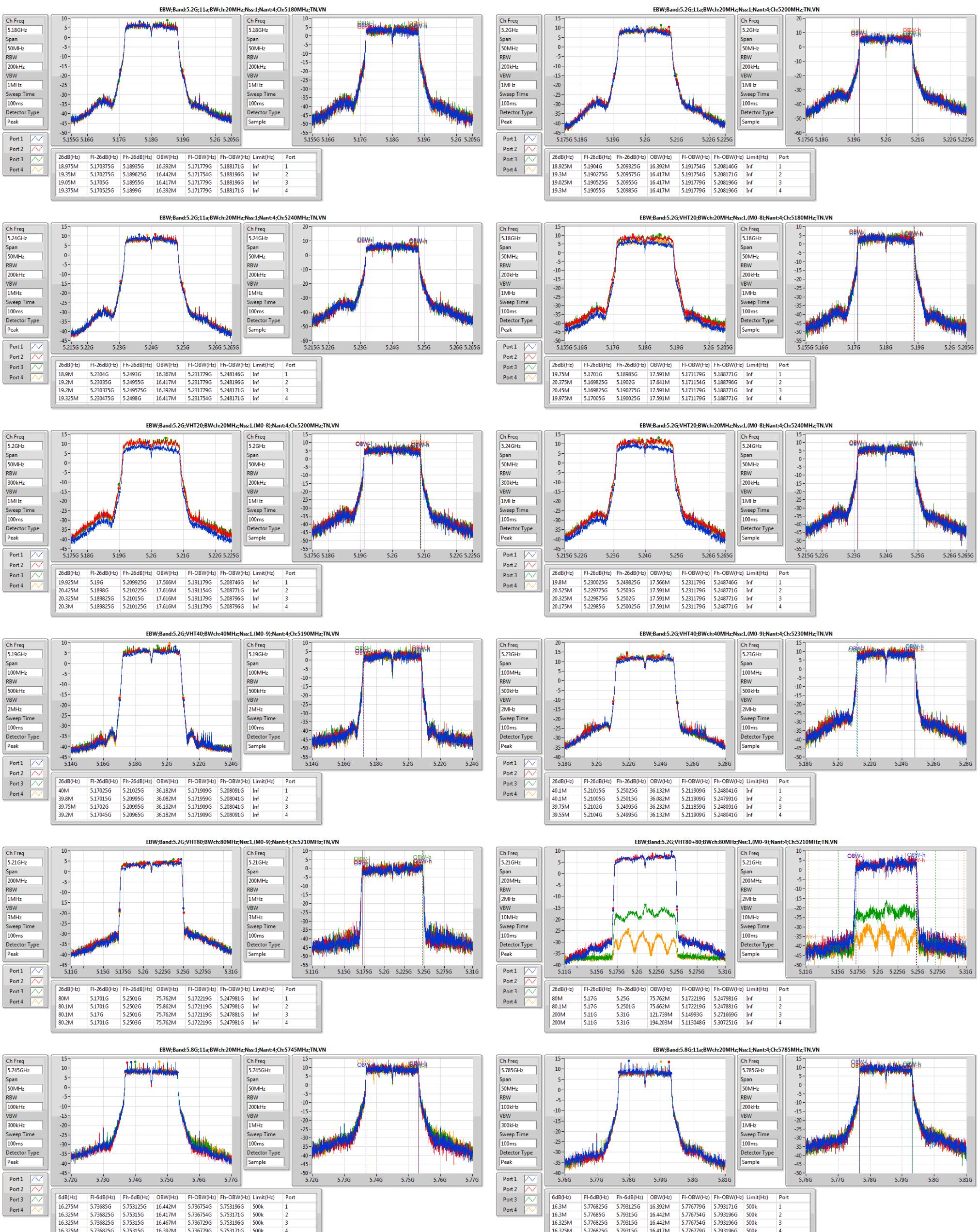
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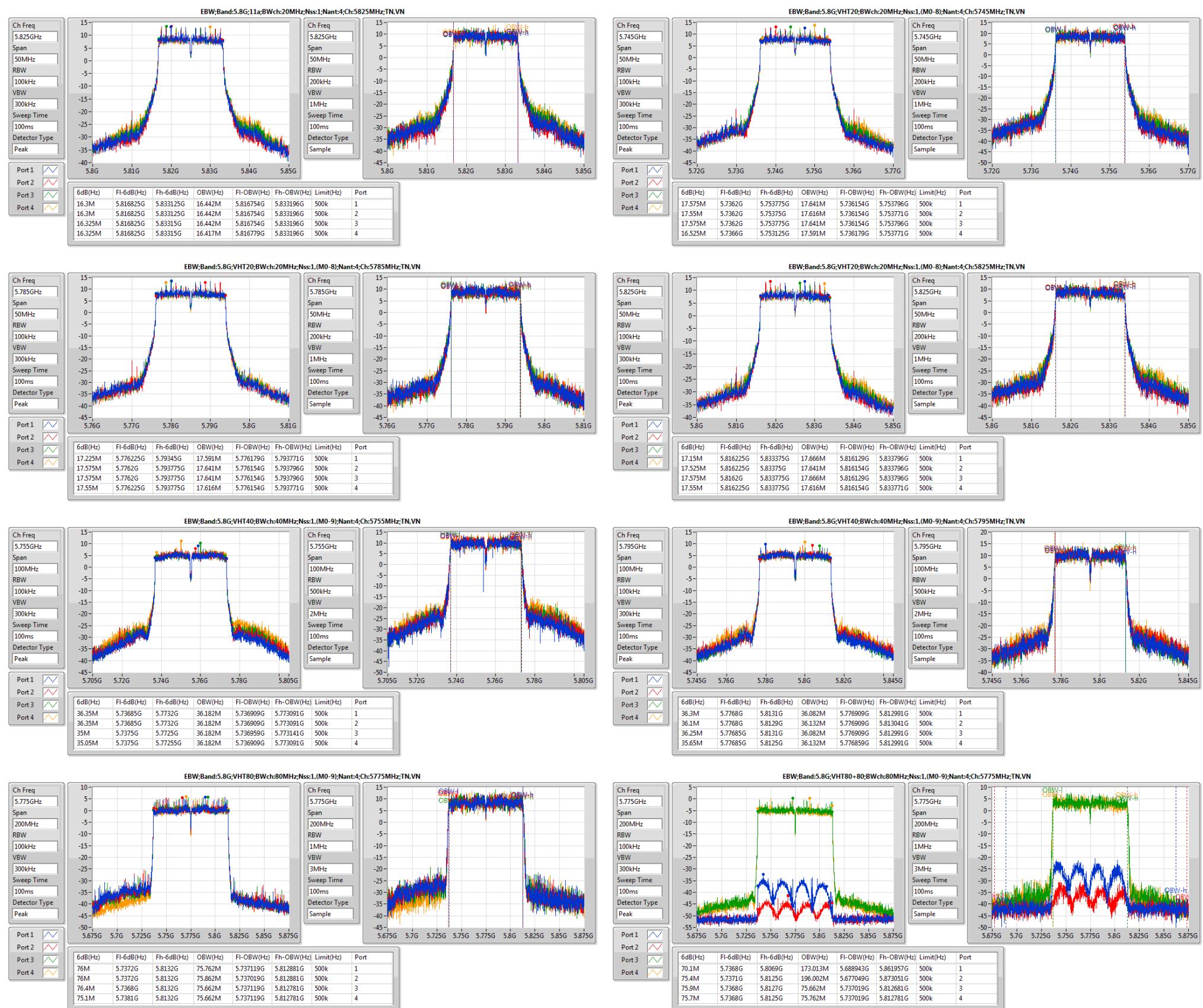
Mode	Result	Limit	P1-N dB (Hz)	P1-OBW (Hz)	P2-N dB (Hz)	P2-OBW (Hz)	P3-N dB (Hz)	P3-OBW (Hz)	P4-N dB (Hz)	P4-OBW (Hz)
5.2G;11a;20;1;4;5180;L;TN,VN	Pass	Inf	18.975M	16.392M	19.35M	16.442M	19.05M	16.417M	19.375M	16.392M
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	Inf	18.925M	16.392M	19.3M	16.417M	19.025M	16.417M	19.3M	16.417M
5.2G;11a;20;1;4;5240;H;TN,VN	Pass	Inf	18.9M	16.367M	19.2M	16.417M	19.2M	16.392M	19.325M	16.417M
5.2G;VHT20;20;1,(M0-8);4;5180;L;TN,VN	Pass	Inf	19.75M	17.591M	20.375M	17.641M	20.45M	17.591M	19.975M	17.591M
5.2G;VHT20;20;1,(M0-8);4;5200;M;TN,VN	Pass	Inf	19.925M	17.566M	20.425M	17.616M	20.325M	17.616M	20.3M	17.616M
5.2G;VHT20;20;1,(M0-8);4;5240;H;TN,VN	Pass	Inf	19.8M	17.566M	20.525M	17.591M	20.325M	17.591M	20.175M	17.591M
5.2G;VHT40;40;1,(M0-9);4;5190;L;TN,VN	Pass	Inf	40M	36.182M	39.8M	36.082M	39.75M	36.132M	39.2M	36.182M
5.2G;VHT40;40;1,(M0-9);4;5230;H;TN,VN	Pass	Inf	40.1M	36.132M	40.1M	36.082M	39.75M	36.232M	39.55M	36.132M
5.2G;VHT80;80;1,(M0-9);4;5210;S;TN,VN	Pass	Inf	80M	75.762M	80.1M	75.862M	80.1M	75.762M	80.2M	75.762M
5.2G;VHT80+80;80;1,(M0-9);4;5210;S;TN,VN	Pass	Inf	80M	75.762M	80.1M	75.662M	200M	121.739M	200M	194.203M
5.8G;11a;20;1;4;5745;L;TN,VN	Pass	500k	16.275M	16.442M	16.325M	16.417M	16.325M	16.467M	16.325M	16.392M
5.8G;11a;20;1;4;5785;M;TN,VN	Pass	500k	16.3M	16.392M	16.3M	16.442M	16.325M	16.442M	16.325M	16.417M
5.8G;11a;20;1;4;5825;H;TN,VN	Pass	500k	16.3M	16.442M	16.3M	16.442M	16.325M	16.442M	16.325M	16.417M
5.8G;VHT20;20;1,(M0-8);4;5745;L;TN,VN	Pass	500k	17.575M	17.641M	17.55M	17.616M	17.575M	17.641M	16.525M	17.591M
5.8G;VHT20;20;1,(M0-8);4;5785;M;TN,VN	Pass	500k	17.225M	17.591M	17.575M	17.641M	17.575M	17.641M	17.55M	17.616M
5.8G;VHT20;20;1,(M0-8);4;5825;H;TN,VN	Pass	500k	17.15M	17.666M	17.525M	17.641M	17.575M	17.666M	17.55M	17.616M
5.8G;VHT40;40;1,(M0-9);4;5755;L;TN,VN	Pass	500k	36.35M	36.182M	36.35M	36.182M	35M	36.182M	35.05M	36.182M
5.8G;VHT40;40;1,(M0-9);4;5795;H;TN,VN	Pass	500k	36.3M	36.082M	36.1M	36.132M	36.25M	36.082M	35.65M	36.132M
5.8G;VHT80;80;1,(M0-9);4;5775;S;TN,VN	Pass	500k	76M	75.762M	76M	75.862M	76.4M	75.662M	75.1M	75.662M
5.8G;VHT80+80;80;1,(M0-9);4;5775;S;TN,VN	Pass	500k	70.1M	173.013M	75.4M	196.002M	75.9M	75.662M	75.7M	75.762M



EBW Result

Appendix A





< For Beamforming >
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.2G;VHT20,BF;20;1,(M0-8);4	31M	17.766M	17M8D1D	21.225M	17.666M
5.2G;VHT40,BF;40;1,(M0-9);4	44.8M	36.332M	36M3D1D	39.85M	36.182M
5.2G;VHT80,BF;80;1,(M0-9);4	85.4M	76.162M	76M2D1D	83.1M	75.962M
5.8G;VHT20,BF;20;1,(M0-8);4	15.675M	17.766M	17M8D1D	12.5M	17.666M
5.8G;VHT40,BF;40;1,(M0-9);4	35.9M	36.382M	36M4D1D	29.35M	36.232M
5.8G;VHT80,BF;80;1,(M0-9);4	71.3M	76.262M	76M3D1D	67.9M	75.562M
5.2G;VHT80+80,BF;80;1,(M0);2(1,2)	83.6M	76.162M	76M2D1D	81.6M	75.862M
5.8G;VHT80+80,BF;80;1,(M0);2(3,4)	71.6M	75.962M	76M0D1D	70.6M	75.762M



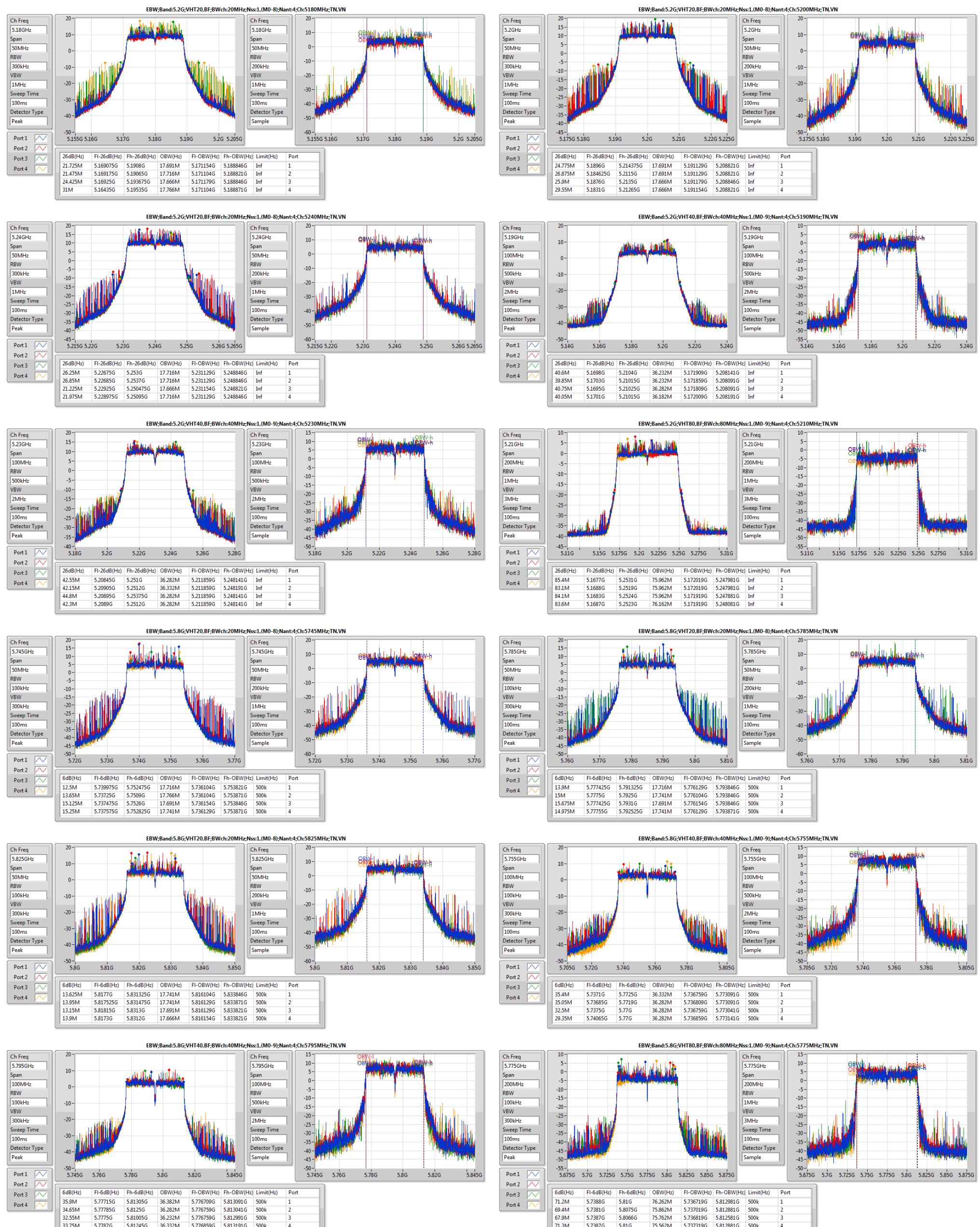
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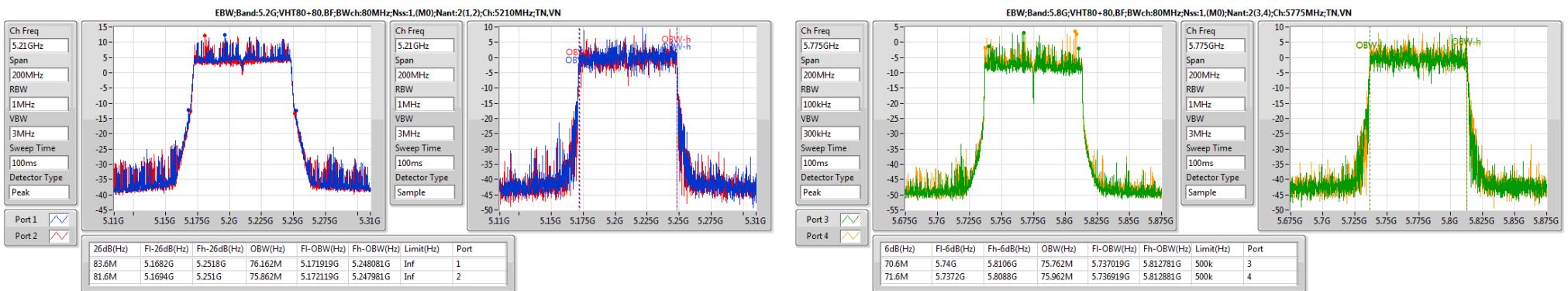
Mode	Result	Limit	P1-N dB (Hz)	P1-OBW (Hz)	P2-N dB (Hz)	P2-OBW (Hz)	P3-N dB (Hz)	P3-OBW (Hz)	P4-N dB (Hz)	P4-OBW (Hz)
5.2G;VHT20,BF;20;1,(M0-8);4;5180;L;TN,VN	Pass	Inf	21.725M	17.691M	21.475M	17.716M	24.425M	17.666M	31M	17.766M
5.2G;VHT20,BF;20;1,(M0-8);4;5200;M;TN,VN	Pass	Inf	24.775M	17.691M	26.875M	17.691M	25.9M	17.666M	29.55M	17.666M
5.2G;VHT20,BF;20;1,(M0-8);4;5240;H;TN,VN	Pass	Inf	26.25M	17.716M	26.85M	17.716M	21.225M	17.666M	21.975M	17.716M
5.2G;VHT40,BF;40;1,(M0-9);4;5190;L;TN,VN	Pass	Inf	40.6M	36.232M	39.85M	36.232M	40.75M	36.282M	40.05M	36.182M
5.2G;VHT40,BF;40;1,(M0-9);4;5230;H;TN,VN	Pass	Inf	42.55M	36.282M	42.15M	36.332M	44.8M	36.282M	42.3M	36.282M
5.2G;VHT80,BF;80;1,(M0-9);4;5210;S;TN,VN	Pass	Inf	85.4M	75.962M	83.1M	75.962M	84.1M	75.962M	83.6M	76.162M
5.8G;VHT20,BF;20;1,(M0-8);4;5745;L;TN,VN	Pass	500k	12.5M	17.716M	13.65M	17.766M	15.125M	17.691M	15.25M	17.741M
5.8G;VHT20,BF;20;1,(M0-8);4;5785;M;TN,VN	Pass	500k	13.9M	17.716M	15M	17.741M	15.675M	17.691M	14.975M	17.741M
5.8G;VHT20,BF;20;1,(M0-8);4;5825;H;TN,VN	Pass	500k	13.625M	17.741M	13.95M	17.741M	13.15M	17.691M	13.9M	17.666M
5.8G;VHT40,BF;40;1,(M0-9);4;5755;L;TN,VN	Pass	500k	35.4M	36.332M	35.05M	36.282M	32.5M	36.282M	29.35M	36.282M
5.8G;VHT40,BF;40;1,(M0-9);4;5795;H;TN,VN	Pass	500k	35.9M	36.382M	34.65M	36.282M	32.55M	36.232M	33.75M	36.332M
5.8G;VHT80,BF;80;1,(M0-9);4;5775;S;TN,VN	Pass	500k	71.2M	76.262M	69.4M	75.862M	67.9M	75.762M	71.3M	75.562M
5.2G;VHT80+80,BF;80;1,(M0);2(1,2);5210;S;TN,VN	Pass	Inf	83.6M	76.162M	81.6M	75.862M				
5.8G;VHT80+80,BF;80;1,(M0);2(3,4);5775;S;TN,VN	Pass	500k					70.6M	75.762M	71.6M	75.962M



EBW Result

Appendix A







< For Non-Beamforming >

Summary

Mode	Sum (dBm)	Sum (W)	EIRP (dBm)	EIRP (W)
5.2G;11a;20;1;4	26.93	0.49317	29.23	0.83753
5.2G;HT20;20;1,(M0-31);4	26.95	0.49545	29.25	0.8414
5.2G;HT40;40;1,(M0-31);4	28.45	0.69984	30.75	1.1885
5.2G;VHT20;20;1,(M0-8);4	26.98	0.49888	29.28	0.84723
5.2G;VHT40;40;1,(M0-9);4	28.51	0.70958	30.81	1.20504
5.2G;VHT80;80;1,(M0-9);4	19.66	0.09247	21.96	0.15704
5.2G;VHT80+80;80;1,(M0-9);4	22.61	0.18239	24.91	0.30974
5.8G;11a;20;1;4	29.77	0.94842	33.37	2.1727
5.8G;HT20;20;1,(M0-31);4	29.58	0.90782	33.18	2.0797
5.8G;HT40;40;1,(M0-31);4	29.60	0.91201	33.20	2.0893
5.8G;VHT20;20;1,(M0-8);4	29.61	0.91411	33.21	2.09411
5.8G;VHT40;40;1,(M0-9);4	29.64	0.92045	33.24	2.10863
5.8G;VHT80;80;1,(M0-9);4	27.79	0.60117	31.39	1.37721
5.8G;VHT80+80;80;1,(M0-9);4	22.63	0.18323	26.23	0.41976



Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP Lim. (dBm)	Sum (dBm)	Sum Lim. (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)
5.2G;11a;20;1;4;5180;L;TN,VN	Pass	2.30	27.40	36.00	25.10	30.00	18.79	19.13	19.17	19.23
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	2.30	29.23	36.00	26.93	30.00	20.53	20.92	21.11	21.05
5.2G;11a;20;1;4;5240;H;TN,VN	Pass	2.30	28.93	36.00	26.63	30.00	20.47	20.78	20.73	20.46
5.2G;HT20;20;1,(M0-31);4;5180;L;TN,VN	Pass	2.30	26.94	36.00	24.64	30.00	18.26	18.67	18.69	18.83
5.2G;HT20;20;1,(M0-31);4;5200;M;TN,VN	Pass	2.30	29.03	36.00	26.73	30.00	20.31	20.80	21.07	20.60
5.2G;HT20;20;1,(M0-31);4;5240;H;TN,VN	Pass	2.30	29.25	36.00	26.95	30.00	20.78	21.12	21.05	20.77
5.2G;HT40;40;1,(M0-31);4;5190;L;TN,VN	Pass	2.30	24.98	36.00	22.68	30.00	16.43	16.75	16.79	16.66
5.2G;HT40;40;1,(M0-31);4;5230;H;TN,VN	Pass	2.30	30.75	36.00	28.45	30.00	22.10	22.67	22.64	22.29
5.2G;VHT20;20;1,(M0-8);4;5180;L;TN,VN	Pass	2.30	26.96	36.00	24.66	30.00	18.39	18.62	18.84	18.71
5.2G;VHT20;20;1,(M0-8);4;5200;M;TN,VN	Pass	2.30	29.07	36.00	26.77	30.00	20.36	20.79	21.01	20.82
5.2G;VHT20;20;1,(M0-8);4;5240;H;TN,VN	Pass	2.30	29.28	36.00	26.98	30.00	20.80	21.09	21.16	20.80
5.2G;VHT40;40;1,(M0-9);4;5190;L;TN,VN	Pass	2.30	25.06	36.00	22.76	30.00	16.47	16.82	16.91	16.74
5.2G;VHT40;40;1,(M0-9);4;5230;H;TN,VN	Pass	2.30	30.81	36.00	28.51	30.00	22.07	22.71	22.63	22.50
5.2G;VHT80;80;1,(M0-9);4;5210;S;TN,VN	Pass	2.30	21.96	36.00	19.66	30.00	13.25	13.75	13.86	13.67
5.2G;VHT80+80;80;1,(M0-9);4;5210;S;TN,VN	Pass	2.30	24.91	36.00	22.61	30.00	16.55	16.84	16.71	16.22
5.8G;11a;20;1;4;5745;L;TN,VN	Pass	3.60	33.30	36.00	29.70	30.00	23.57	23.65	23.73	23.75
5.8G;11a;20;1;4;5785;M;TN,VN	Pass	3.60	33.37	36.00	29.77	30.00	23.94	23.76	23.66	23.63
5.8G;11a;20;1;4;5825;H;TN,VN	Pass	3.60	33.32	36.00	29.72	30.00	23.73	23.69	23.75	23.61
5.8G;HT20;20;1,(M0-31);4;5745;L;TN,VN	Pass	3.60	33.13	36.00	29.53	30.00	23.15	23.55	23.64	23.68
5.8G;HT20;20;1,(M0-31);4;5785;M;TN,VN	Pass	3.60	33.17	36.00	29.57	30.00	23.69	23.36	23.54	23.61
5.8G;HT20;20;1,(M0-31);4;5825;H;TN,VN	Pass	3.60	33.18	36.00	29.58	30.00	23.60	23.55	23.55	23.54
5.8G;HT40;40;1,(M0-31);4;5755;L;TN,VN	Pass	3.60	33.20	36.00	29.60	30.00	23.45	23.66	23.52	23.68
5.8G;HT40;40;1,(M0-31);4;5795;H;TN,VN	Pass	3.60	33.15	36.00	29.55	30.00	23.57	23.62	23.36	23.57
5.8G;VHT20;20;1,(M0-8);4;5745;L;TN,VN	Pass	3.60	33.16	36.00	29.56	30.00	23.36	23.49	23.67	23.63
5.8G;VHT20;20;1,(M0-8);4;5785;M;TN,VN	Pass	3.60	33.21	36.00	29.61	30.00	23.69	23.65	23.56	23.47
5.8G;VHT20;20;1,(M0-8);4;5825;H;TN,VN	Pass	3.60	33.20	36.00	29.60	30.00	23.55	23.54	23.69	23.53
5.8G;VHT40;40;1,(M0-9);4;5755;L;TN,VN	Pass	3.60	33.24	36.00	29.64	30.00	23.42	23.71	23.54	23.80
5.8G;VHT40;40;1,(M0-9);4;5795;H;TN,VN	Pass	3.60	33.16	36.00	29.56	30.00	23.62	23.58	23.40	23.55
5.8G;VHT80;80;1,(M0-9);4;5775;S;TN,VN	Pass	3.60	31.39	36.00	27.79	30.00	21.76	21.70	21.90	21.72
5.8G;VHT80+80;80;1,(M0-9);4;5775;S;TN,VN	Pass	3.60	26.23	36.00	22.63	30.00	16.52	16.84	16.68	16.39



< For Beamforming >

Summary

Mode	Sum (dBm)	Sum (W)	EIRP (dBm)	EIRP (W)
5.2G;VHT20,BF;20;1,(M0-8);4	26.82	0.48084	35.14	3.26588
5.2G;VHT40,BF;40;1,(M0-9);4	25.92	0.39084	34.24	2.65461
5.2G;VHT80,BF;80;1,(M0-9);4	15.95	0.03936	24.27	0.2673
5.8G;VHT20,BF;20;1,(M0-8);4	26.28	0.42462	35.90	3.89045
5.8G;VHT40,BF;40;1,(M0-9);4	26.30	0.42658	35.92	3.90841
5.8G;VHT80,BF;80;1,(M0-9);4	24.16	0.26062	33.78	2.38781
5.2G;VHT80+80,BF;80;1,(M0);2(1,2)	18.68	0.07379	23.99	0.25061
5.8G;VHT80+80,BF;80;1,(M0);2(3,4)	18.47	0.07031	25.08	0.32211



Result

Mode	Result	DG (dBi)	EIRP (dBm)	EIRP Lim. (dBm)	Sum (dBm)	Sum Lim. (dBm)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)
5.2G;VHT20,BF;20;1,(M0-8);4;5180;L;TN,VN	Pass	8.32	34.23	Inf	25.91	27.68	19.74	18.62	20.71	20.23
5.2G;VHT20,BF;20;1,(M0-8);4;5200;M;TN,VN	Pass	8.32	35.14	Inf	26.82	27.68	21.38	21.45	20.41	19.74
5.2G;VHT20,BF;20;1,(M0-8);4;5240;H;TN,VN	Pass	8.32	35.01	Inf	26.69	27.68	21.62	21.56	19.72	19.30
5.2G;VHT40,BF;40;1,(M0-9);4;5190;L;TN,VN	Pass	8.32	28.77	Inf	20.45	27.68	14.64	14.16	14.22	14.65
5.2G;VHT40,BF;40;1,(M0-9);4;5230;H;TN,VN	Pass	8.32	34.24	Inf	25.92	27.68	19.98	19.87	19.65	20.09
5.2G;VHT80,BF;80;1,(M0-9);4;5210;S;TN,VN	Pass	8.32	24.27	Inf	15.95	27.68	10.89	9.27	9.40	9.95
5.8G;VHT20,BF;20;1,(M0-8);4;5745;L;TN,VN	Pass	9.62	35.76	Inf	26.14	26.38	20.78	20.29	19.63	19.69
5.8G;VHT20,BF;20;1,(M0-8);4;5785;M;TN,VN	Pass	9.62	35.90	Inf	26.28	26.38	19.85	19.59	21.24	20.17
5.8G;VHT20,BF;20;1,(M0-8);4;5825;H;TN,VN	Pass	9.62	35.75	Inf	26.13	26.38	20.88	20.97	19.29	18.91
5.8G;VHT40,BF;40;1,(M0-9);4;5755;L;TN,VN	Pass	9.62	35.90	Inf	26.28	26.38	20.58	20.82	19.72	19.82
5.8G;VHT40,BF;40;1,(M0-9);4;5795;H;TN,VN	Pass	9.62	35.92	Inf	26.30	26.38	20.12	20.66	20.29	20.03
5.8G;VHT80,BF;80;1,(M0-9);4;5775;S;TN,VN	Pass	9.62	33.78	Inf	24.16	26.38	18.51	18.62	17.84	17.46
5.2G;VHT80+80,BF;80;1,(M0);2(1,2);5210;S;TN,VN	Pass	5.31	23.99	Inf	18.68	30.00	16.06	15.23		
5.8G;VHT80+80,BF;80;1,(M0);2(3,4);5775;S;TN,VN	Pass	6.61	25.08	Inf	18.47	29.39			15.67	15.23



< For Non-Beamforming >

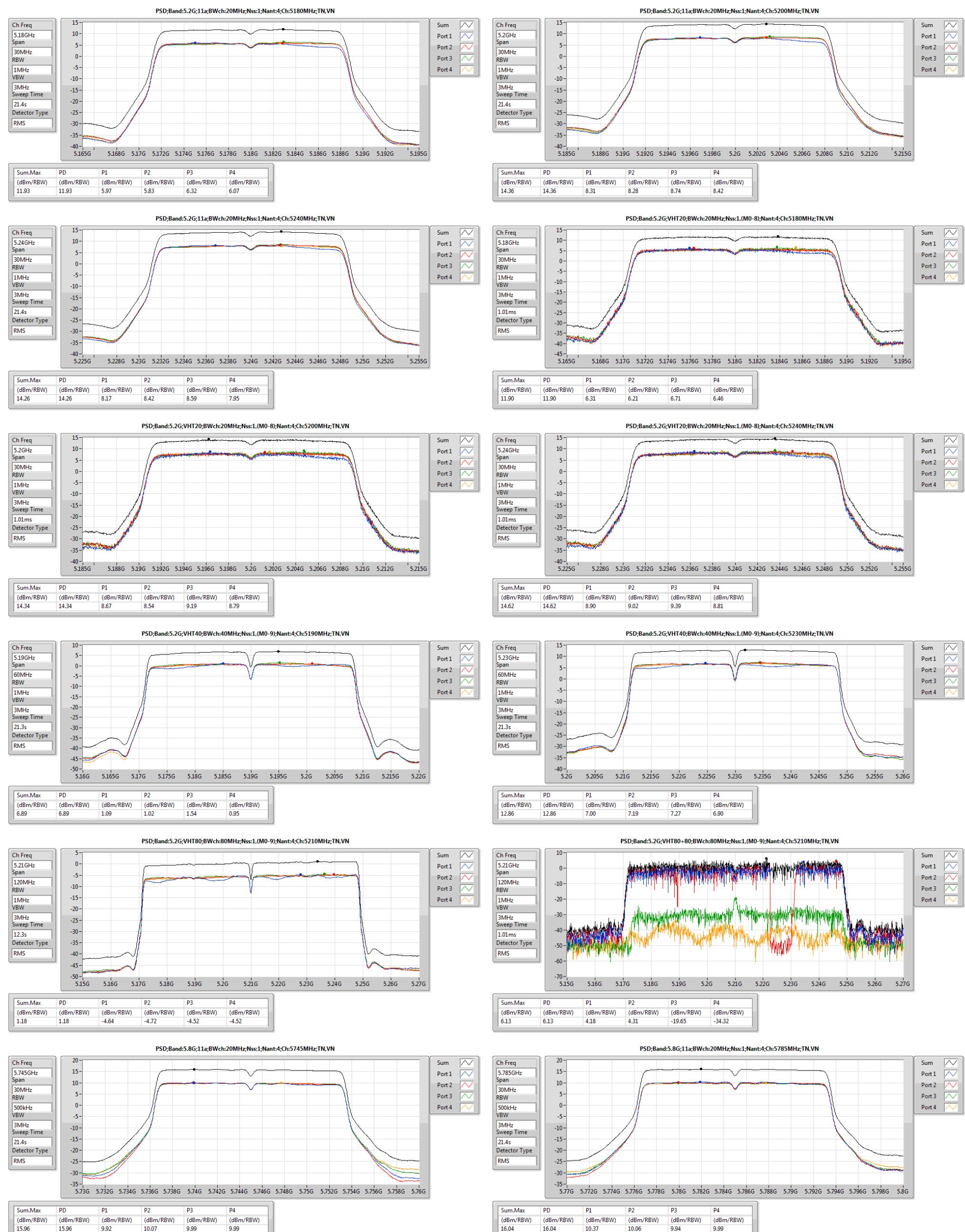
Summary

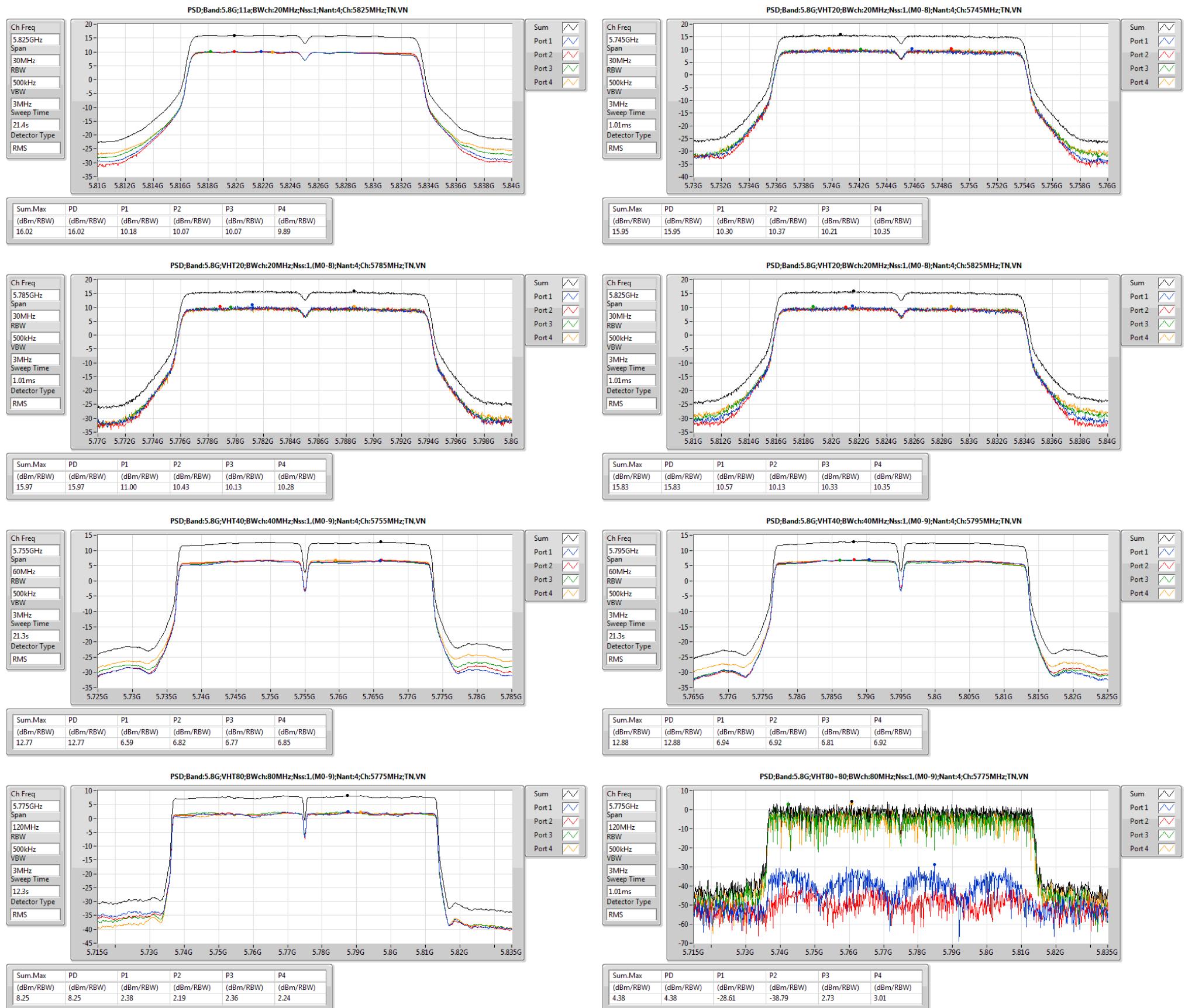
Mode	PD (dBm/RBW)	EIRP.PD (dBm/RBW)
5.2G;11a;20;1:4	14.36	22.68
5.2G;HT20;20;1,(M0-31);4	14.60	22.92
5.2G;HT40;40;1,(M0-31);4	6.86	15.18
5.2G;VHT20;20;1,(M0-8);4	14.62	22.94
5.2G;VHT40;40;1,(M0-9);4	12.86	21.18
5.2G;VHT80;80;1,(M0-9);4	1.18	9.50
5.2G;VHT80+80;80;1,(M0-9);4	6.13	14.45
5.8G;11a;20;1:4	16.04	25.66
5.8G;VHT20;20;1,(M0-8);4	15.97	25.59
5.8G;VHT40;40;1,(M0-9);4	12.88	22.50
5.8G;VHT80;80;1,(M0-9);4	8.25	17.87
5.8G;VHT80+80;80;1,(M0-9);4	4.38	14.00



Result

Mode	Result	Meas.RBW (Hz)	Lim.RBW (Hz)	BWCF (dB)	DG (dBi)	Sum.Max (dBm/RBW)	PD (dBm/RBW)	PD.Limit (dBm/RBW)	EIRP.PD (dBm/RBW)	EIRP.PD.Li m (dBm/RBW)	P1 (dBm/RBW)	P2 (dBm/RBW)	P3 (dBm/RBW)	P4 (dBm/RBW)
5.2G;11a;20;1;4;5180;L;TN,VN	Pass	1M	1M	0.00	8.32	11.93	11.93	14.68	20.25	Inf	5.97	5.83	6.32	6.07
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	1M	1M	0.00	8.32	14.36	14.36	14.68	22.68	Inf	8.31	8.28	8.74	8.42
5.2G;11a;20;1;4;5240;H;TN,VN	Pass	1M	1M	0.00	8.32	14.26	14.26	14.68	22.58	Inf	8.17	8.42	8.59	7.95
5.2G;VHT20;20;1,(M0-8);4;5180;L;TN,VN	Pass	1M	1M	0.00	8.32	11.90	11.90	14.68	20.22	Inf	6.31	6.21	6.71	6.46
5.2G;VHT20;20;1,(M0-8);4;5200;M;TN,VN	Pass	1M	1M	0.00	8.32	14.34	14.34	14.68	22.66	Inf	8.67	8.54	9.19	8.79
5.2G;VHT20;20;1,(M0-8);4;5240;H;TN,VN	Pass	1M	1M	0.00	8.32	14.62	14.62	14.68	22.94	Inf	8.90	9.02	9.39	8.81
5.2G;VHT40;40;1,(M0-9);4;5190;L;TN,VN	Pass	1M	1M	0.00	8.32	6.89	6.89	14.68	15.21	Inf	1.09	1.02	1.54	0.95
5.2G;VHT40;40;1,(M0-9);4;5230;H;TN,VN	Pass	1M	1M	0.00	8.32	12.86	12.86	14.68	21.18	Inf	7.00	7.19	7.27	6.90
5.2G;VHT80;80;1,(M0-9);4;5210;S;TN,VN	Pass	1M	1M	0.00	8.32	1.18	1.18	14.68	9.50	Inf	-4.64	-4.72	-4.52	-4.52
5.2G;VHT80;80;1,(M0-9);4;5210;S;TN,VN	Pass	1M	1M	0.00	8.32	6.13	6.13	14.68	14.45	Inf	4.18	4.31	-19.65	-34.32
5.8G;11a;20;1;4;5745;L;TN,VN	Pass	500k	500k	0.00	9.62	15.96	15.96	26.38	25.58	32.38	9.92	10.07	9.99	9.99
5.8G;11a;20;1;4;5785;M;TN,VN	Pass	500k	500k	0.00	9.62	16.04	16.04	26.38	25.66	32.38	10.37	10.06	9.94	9.99
5.8G;11a;20;1;4;5825;H;TN,VN	Pass	500k	500k	0.00	9.62	16.02	16.02	26.38	25.64	32.38	10.18	10.07	10.07	9.89
5.8G;VHT20;20;1,(M0-8);4;5745;L;TN,VN	Pass	500k	500k	0.00	9.62	15.95	15.95	26.38	25.57	32.38	10.30	10.37	10.21	10.35
5.8G;VHT20;20;1,(M0-8);4;5785;M;TN,VN	Pass	500k	500k	0.00	9.62	15.97	15.97	26.38	25.59	32.38	11.00	10.43	10.13	10.28
5.8G;VHT20;20;1,(M0-8);4;5825;H;TN,VN	Pass	500k	500k	0.00	9.62	15.83	15.83	26.38	25.45	32.38	10.57	10.13	10.33	10.35
5.8G;VHT40;40;1,(M0-9);4;5755;L;TN,VN	Pass	500k	500k	0.00	9.62	12.77	12.77	26.38	22.39	32.38	6.59	6.82	6.77	6.85
5.8G;VHT40;40;1,(M0-9);4;5795;H;TN,VN	Pass	500k	500k	0.00	9.62	12.88	12.88	26.38	22.50	32.38	6.94	6.92	6.81	6.92
5.8G;VHT80;80;1,(M0-9);4;5775;S;TN,VN	Pass	500k	500k	0.00	9.62	8.25	8.25	26.38	17.87	32.38	2.38	2.19	2.36	2.24
5.8G;VHT80;80;1,(M0-9);4;5775;S;TN,VN	Pass	500k	500k	0.00	9.62	4.38	4.38	26.38	14.00	32.38	-28.61	-38.79	2.73	3.01

PSD Result
Appendix C




**< For Beamforming >
Summary**

Mode	PD (dBm/RBW)	EIRP.PD (dBm/RBW)
5.2G;VHT20,BF;20;1,(M0-8);4	14.67	22.99
5.2G;VHT40,BF;40;1,(M0-9);4	10.22	18.54
5.2G;VHT80,BF;80;1,(M0-9);4	-3.05	5.27
5.8G;VHT20,BF;20;1,(M0-8);4	11.82	21.44
5.8G;VHT40,BF;40;1,(M0-9);4	9.65	19.28
5.8G;VHT80,BF;80;1,(M0-9);4	3.54	13.16
5.2G;VHT80+80,BF;80;1,(M0);2(1,2)	-0.21	5.10
5.8G;VHT80+80,BF;80;1,(M0);2(3,4)	-2.91	3.70

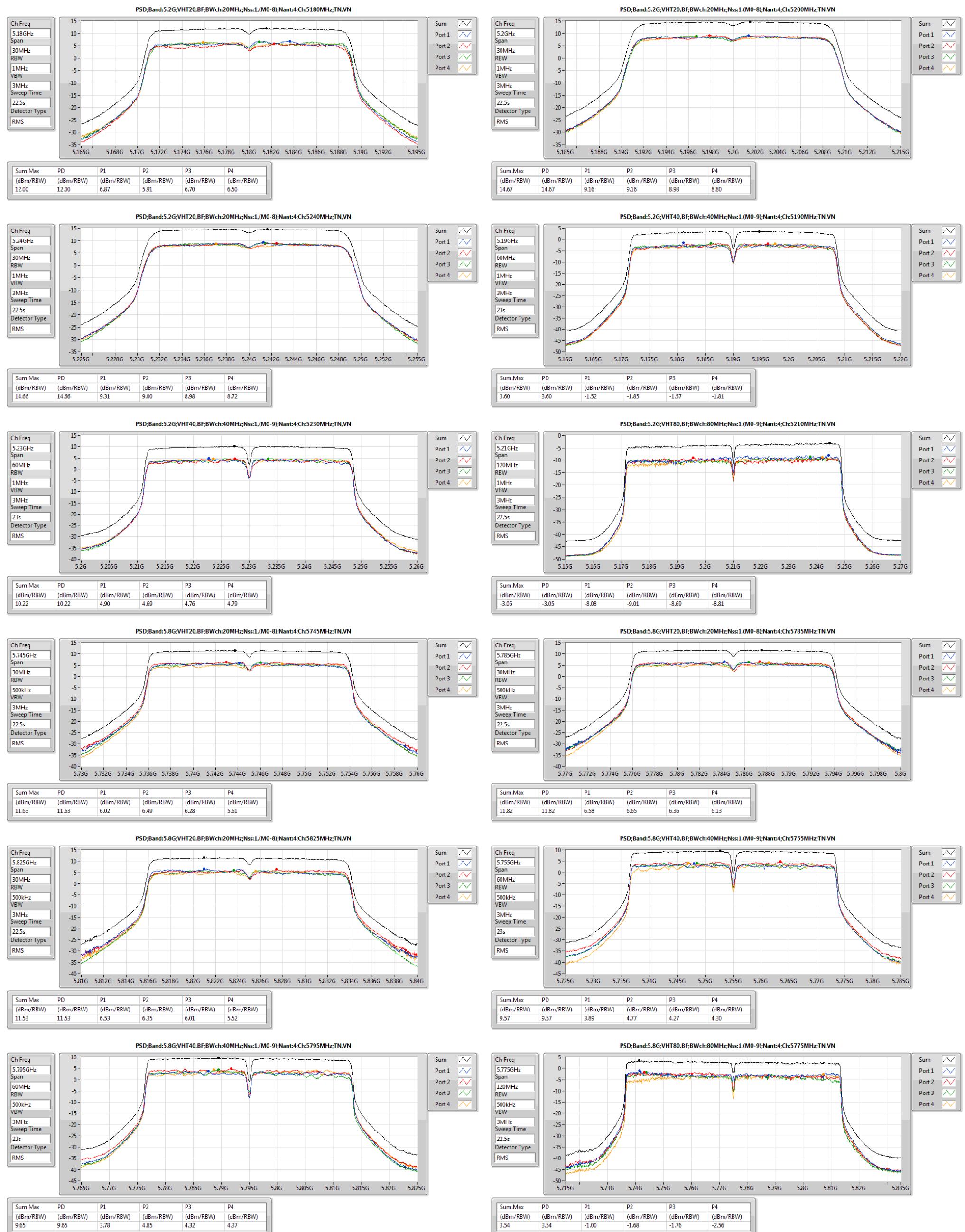


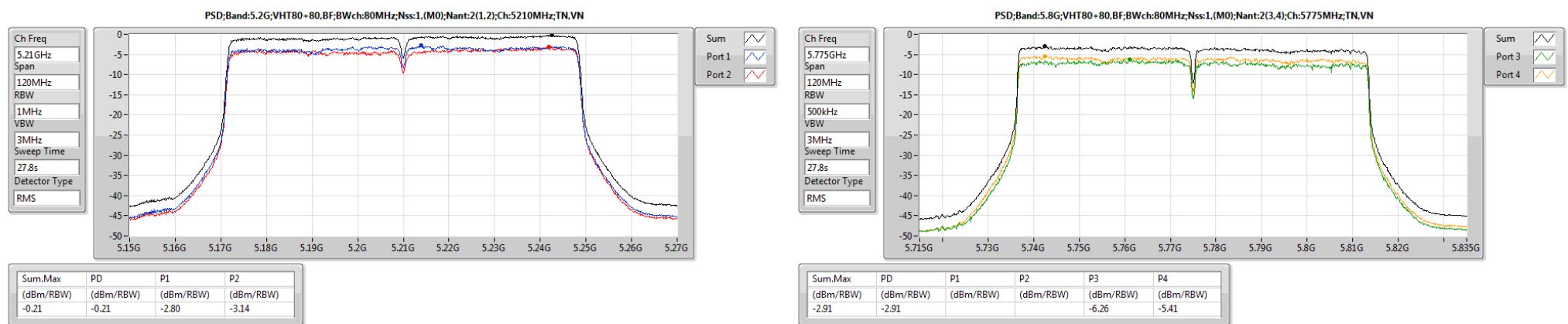
Result

Mode	Result	Meas.RBW (Hz)	Lim.RBW (Hz)	BWCF (dB)	DG (dBi)	Sum.Max (dBm/RBW)	PD (dBm/RBW)	PD.Limit (dBm/RBW)	EIRP.PD (dBm/RBW)	EIRP.PD.Li m (dBm/RBW)	P1 (dBm/RBW)	P2 (dBm/RBW)	P3 (dBm/RBW)	P4 (dBm/RBW)
5.2G;VHT20,BF:20:1,(M0-8);4:5180:L;TN,VN	Pass	1M	1M	0.00	8.32	12.00	12.00	14.68	20.32	Inf	6.87	5.91	6.70	6.50
5.2G;VHT20,BF:20:1,(M0-8);4:5200:M;TN,VN	Pass	1M	1M	0.00	8.32	14.67	14.67	14.68	22.99	Inf	9.16	9.16	8.98	8.80
5.2G;VHT20,BF:20:1,(M0-8);4:5240:H;TN,VN	Pass	1M	1M	0.00	8.32	14.66	14.66	14.68	22.98	Inf	9.31	9.00	8.98	8.72
5.2G;VHT40,BF:40:1,(M0-9);4:5190:L;TN,VN	Pass	1M	1M	0.00	8.32	3.60	3.60	14.68	11.92	Inf	-1.52	-1.85	-1.57	-1.81
5.2G;VHT40,BF:40:1,(M0-9);4:5230:H;TN,VN	Pass	1M	1M	0.00	8.32	10.22	10.22	14.68	18.54	Inf	4.90	4.69	4.76	4.79
5.2G;VHT80,BF:80:1,(M0-9);4:5210:S;TN,VN	Pass	1M	1M	0.00	8.32	-3.05	-3.05	14.68	5.27	Inf	-8.08	-9.01	-8.69	-8.81
5.8G;VHT20,BF:20:1,(M0-8);4:5745:L;TN,VN	Pass	500k	500k	0.00	9.62	11.63	11.63	26.38	21.25	32.38	6.02	6.49	6.28	5.61
5.8G;VHT20,BF:20:1,(M0-8);4:5785:M;TN,VN	Pass	500k	500k	0.00	9.62	11.82	11.82	26.38	21.44	32.38	6.58	6.65	6.36	6.13
5.8G;VHT20,BF:20:1,(M0-8);4:5825:H;TN,VN	Pass	500k	500k	0.00	9.62	11.53	11.53	26.38	21.15	32.38	6.53	6.35	6.01	5.52
5.8G;VHT40,BF:40:1,(M0-9);4:5755:L;TN,VN	Pass	500k	500k	0.00	9.62	9.57	9.57	26.38	19.19	32.38	3.89	4.77	4.27	4.30
5.8G;VHT40,BF:40:1,(M0-9);4:5795:H;TN,VN	Pass	500k	500k	0.00	9.62	9.65	9.65	26.38	19.28	32.38	3.78	4.85	4.32	4.37
5.8G;VHT80,BF:80:1,(M0-9);4:5775:S;TN,VN	Pass	500k	500k	0.00	9.62	3.54	3.54	26.38	13.16	32.38	-1.00	-1.68	-1.76	-2.56
5.2G;VHT80+80,BF:80:1,(M0):2(1,2):5210:S;TN,VN	Pass	1M	1M	0.00	5.31	-0.21	-0.21	17.00	5.10	Inf	-2.80	-3.14		
5.8G;VHT80+80,BF:80:1,(M0):2(3,4):5775:S;TN,VN	Pass	500k	500k	0.00	6.61	-2.91	-2.91	29.39	3.70	35.39			-6.26	-5.41

PSD Result

Appendix C







Transmitter Radiated Bandedge Emissions (with Antenna)

U-NII 5150-5250MHz Transmitter Radiated Bandedge (with Antenna) for Non-Beamforming										
Modulation Mode	N _{TX}	Freq. (MHz)	Measure Distance (m)	Freq. (MHz) PK	Level (dBuV/m) PK	Limit (dBuV/m) PK	Freq. (MHz) AV	Level (dBuV/m) AV	Limit (dBuV/m) AV	Pol.
11a	4	5180	3	5147.000	65.66	74	5147.000	53.59	54	V
11a	4	5240	3	5134.800	61.79	74	5140.800	50.77	54	V
VHT20	4	5180	3	5146.000	65.90	74	5146.600	53.61	54	V
VHT20	4	5240	3	5137.800	63.13	74	5149.800	51.93	54	V
VHT40	4	5190	3	5145.100	63.93	74	5146.640	52.96	54	V
VHT40	4	5230	3	5149.800	62.64	74	5149.800	53.35	54	V
VHT80	4	5210	3	5146.800	58.14	74	5146.800	53.18	54	V
VHT80+80	4	5210	3	5148.600	65.36	74	5148.600	53.41	54	V

Note 1: Measurement worst emissions of receive antenna polarization.

U-NII 5725-5850MHz Transmitter Radiated Bandedge (with Antenna) for Non-Beamforming							
Modulation Mode	N _{TX}	Freq. (MHz)	Measure Distance (m)	Freq. (MHz) PK	Level (dBuV/m) PK	Limit (dBuV/m) PK	Pol.
11a	4	5745	3	5645.540	59.94	68.2	V
11a	4	5825	3	5945.140	58.95	68.2	V
VHT20	4	5745	3	5640.080	64.18	68.2	V
VHT20	4	5825	3	5929.480	64.52	68.2	V
VHT40	4	5755	3	5642.980	67.87	68.2	V
VHT40	4	5795	3	5933.080	67.34	68.2	V
VHT80	4	5775	3	5643.850	66.52	68.2	V
VHT80+80	4	5775	3	5948.050	57.91	68.2	V

Note 1: Measurement worst emissions of receive antenna polarization.



Transmitter Radiated Bandedge Emissions

Appendix D

U-NII 5150-5250MHz Transmitter Radiated Bandedge (with Antenna) for Beamforming										
Modulation Mode	N _{TX}	Freq. (MHz)	Measure Distance (m)	Freq. (MHz) PK	Level (dBuV/m) PK	Limit (dBuV/m) PK	Freq. (MHz) AV	Level (dBuV/m) AV	Limit (dBuV/m) AV	Pol.
VHT20	4	5180	3	5146.800	68.27	74	5145.600	53.35	54	V
VHT20	4	5240	3	5371.200	58.66	74	5148.600	47.85	54	V
VHT40	4	5190	3	5145.540	73.83	74	5146.200	53.12	54	V
VHT40	4	5230	3	5140.800	67.58	74	5148.000	49.72	54	V
VHT80	4	5210	3	5145.600	65.58	74	5145.000	53.11	54	V
VHT80+80	4	5210	3	5147.400	70.16	74	5146.200	53.38	54	V

Note 1: Measurement worst emissions of receive antenna polarization.

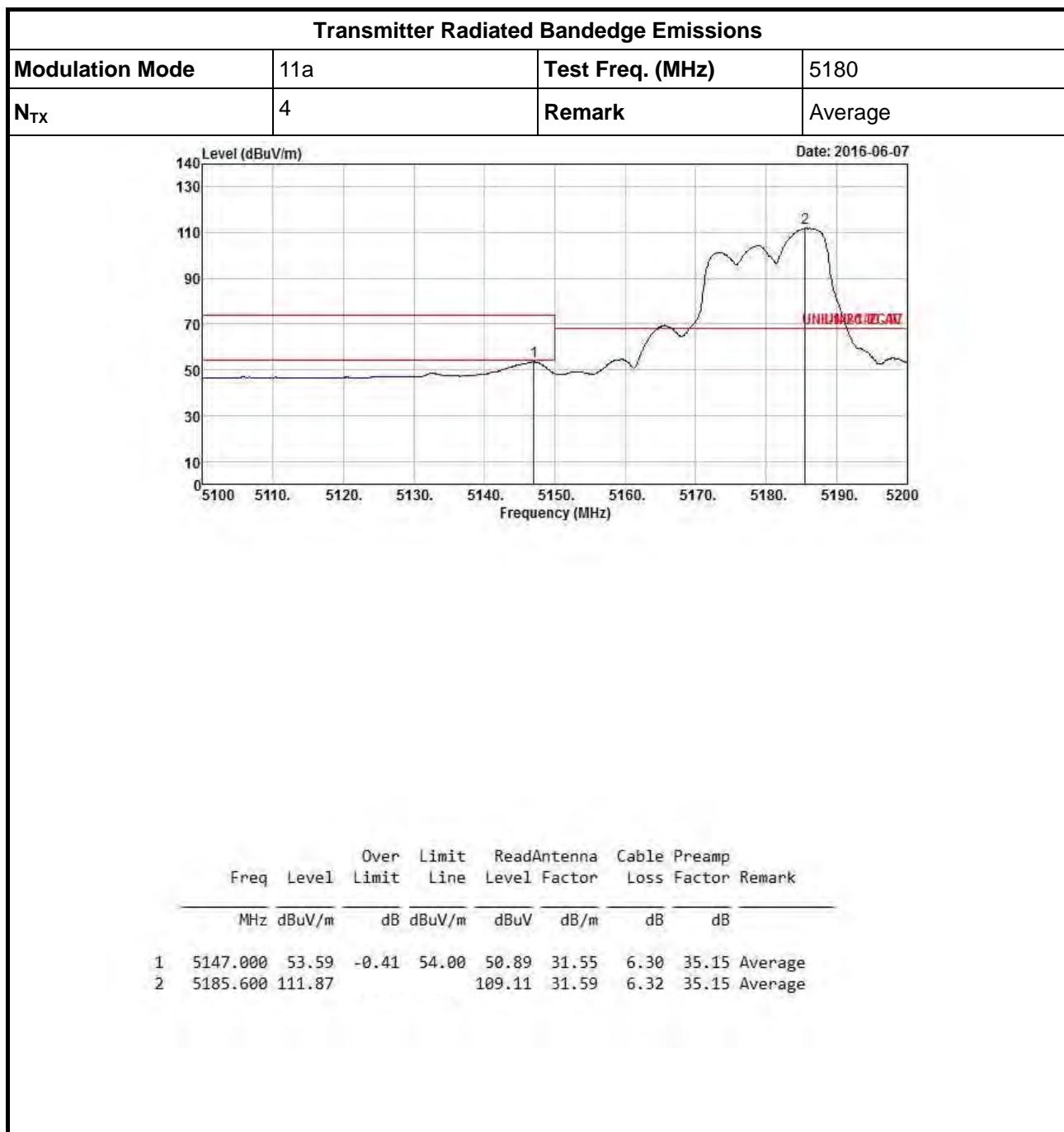
U-NII 5725-5850MHz Transmitter Radiated Bandedge (with Antenna) for Beamforming							
Modulation Mode	N _{TX}	Freq. (MHz)	Measure Distance (m)	Freq. (MHz) PK	Level (dBuV/m) PK	Limit (dBuV/m) PK	Pol.
VHT20	4	5745	3	5644.500	59.60	68.2	V
VHT20	4	5825	3	5925.430	59.23	68.2	V
VHT40	4	5755	3	5647.320	61.39	68.2	V
VHT40	4	5795	3	5941.000	58.77	68.2	V
VHT80	4	5775	3	5636.700	68.05	68.2	V
VHT80+80	4	5775	3	5641.250	59.18	68.2	V

Note 1: Measurement worst emissions of receive antenna polarization.



Transmitter Radiated Bandedge Emissions

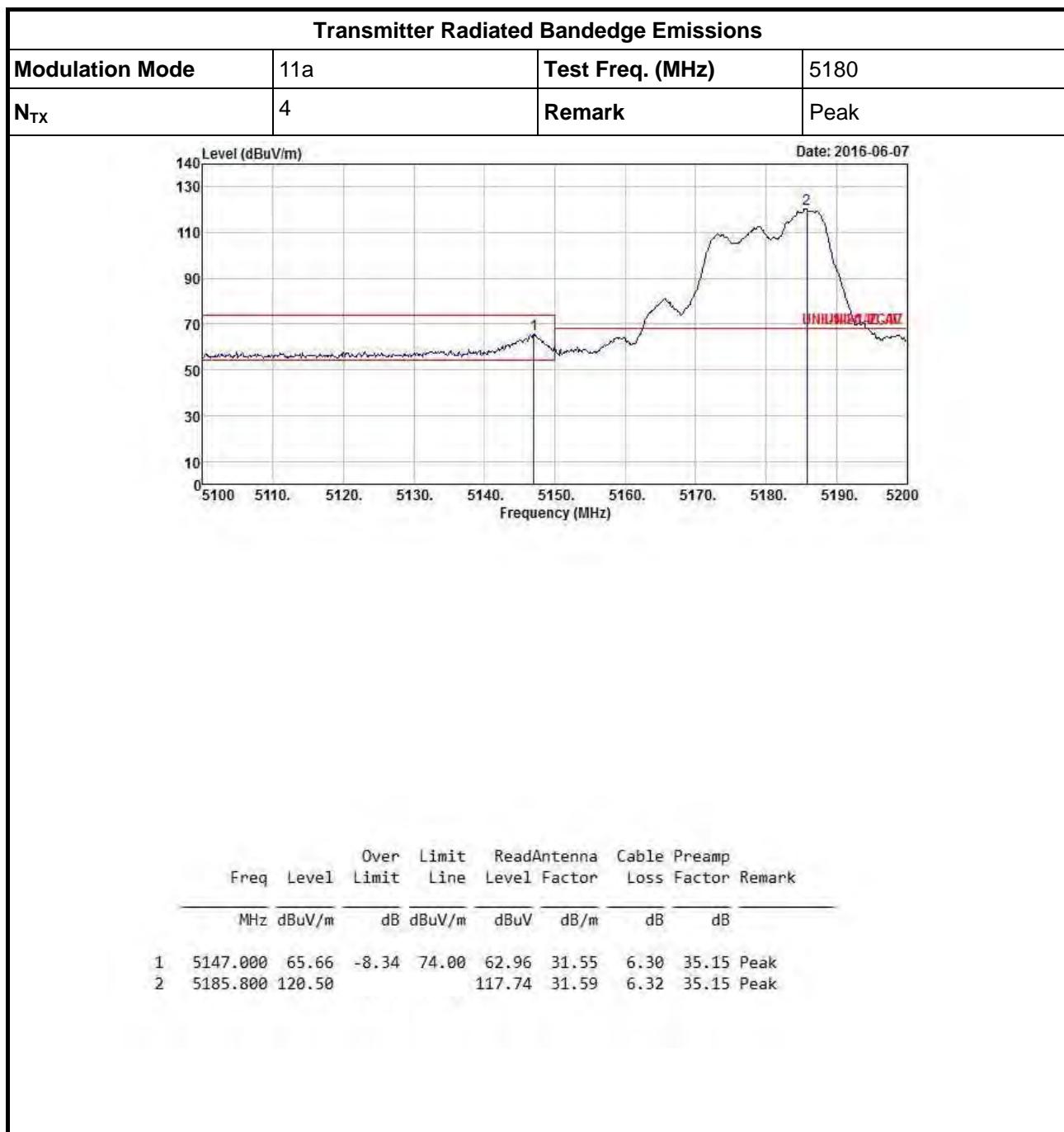
Appendix D





Transmitter Radiated Bandedge Emissions

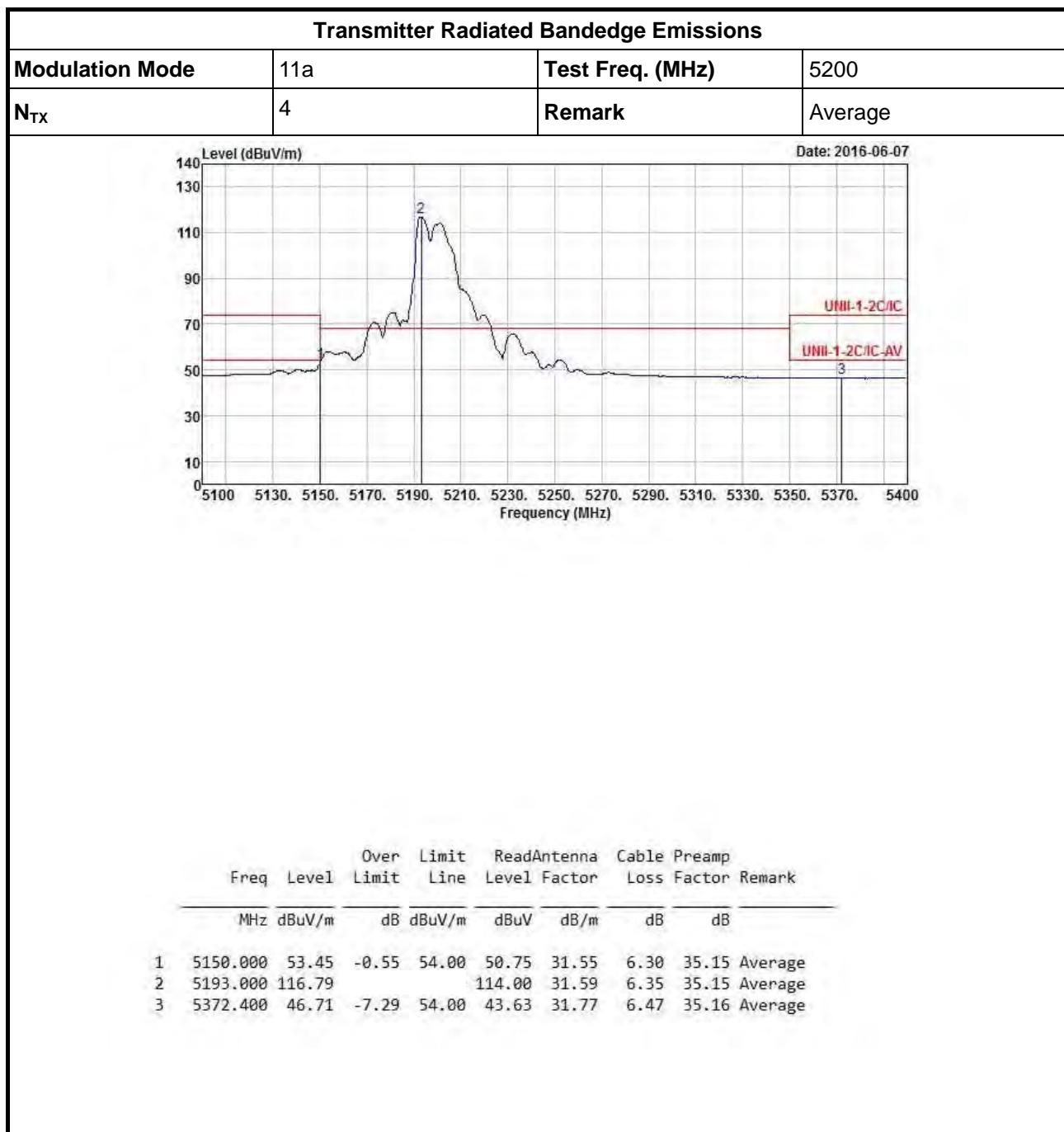
Appendix D





Transmitter Radiated Bandedge Emissions

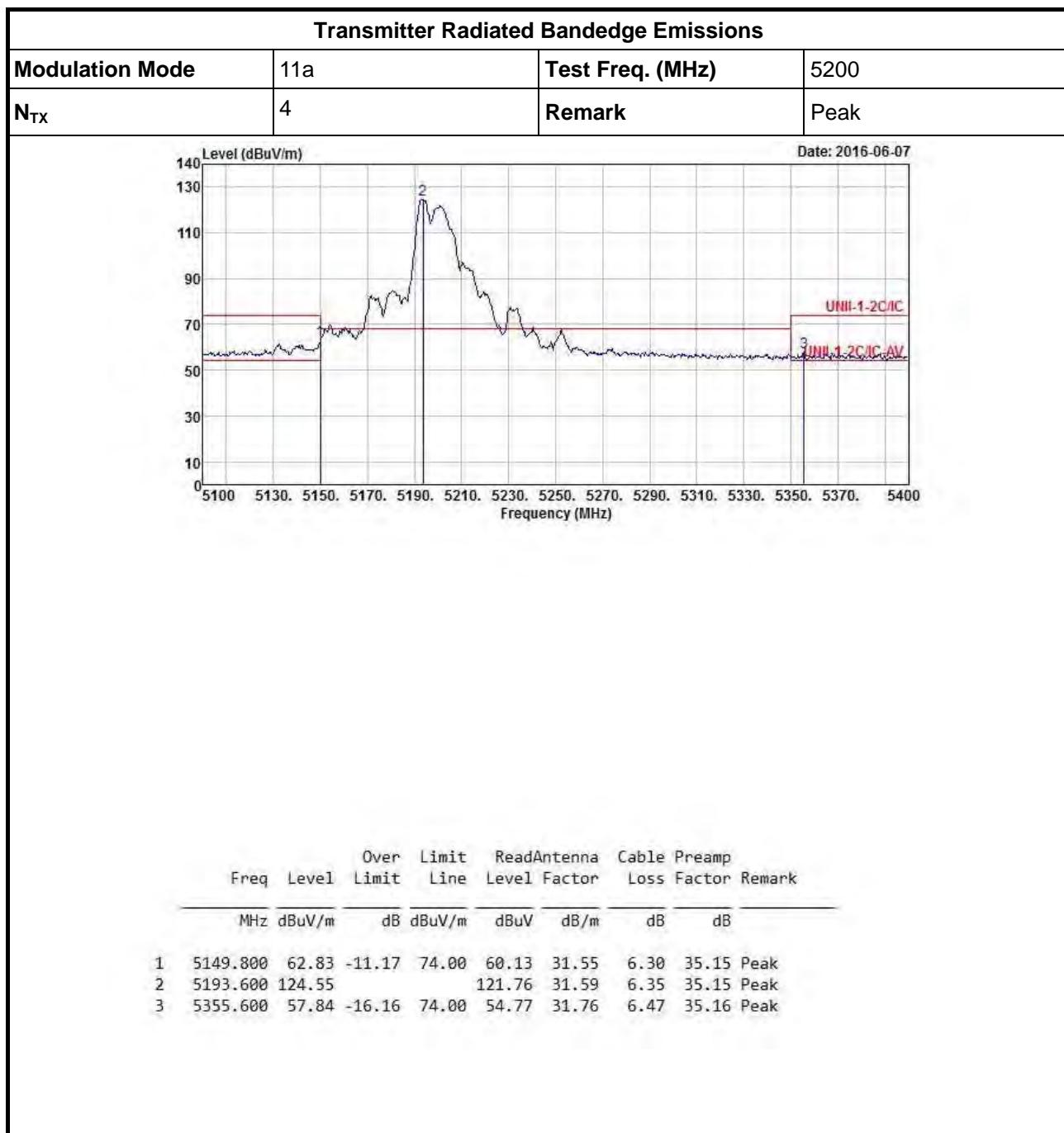
Appendix D





Transmitter Radiated Bandedge Emissions

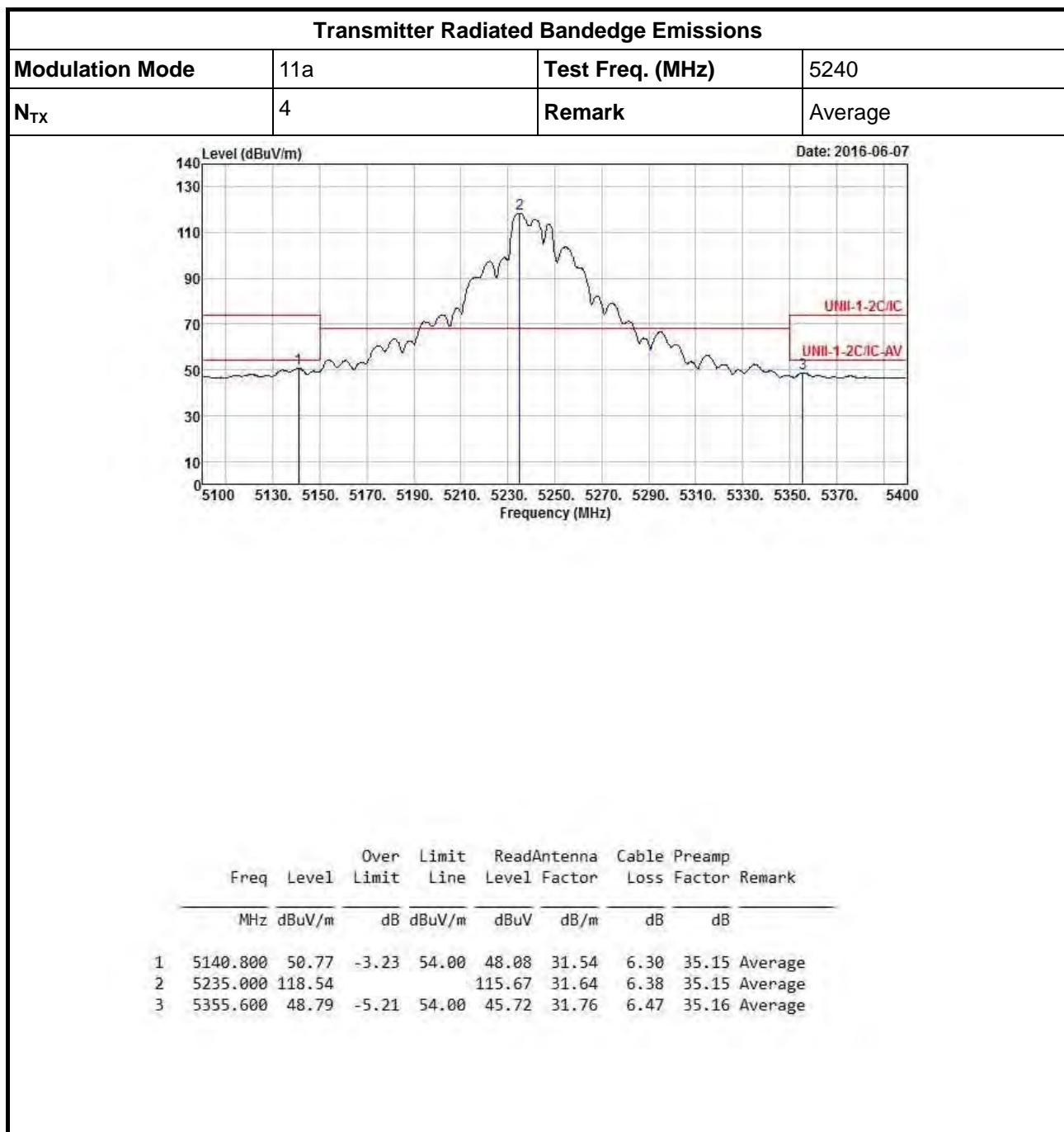
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Transmitter Radiated Bandedge Emissions

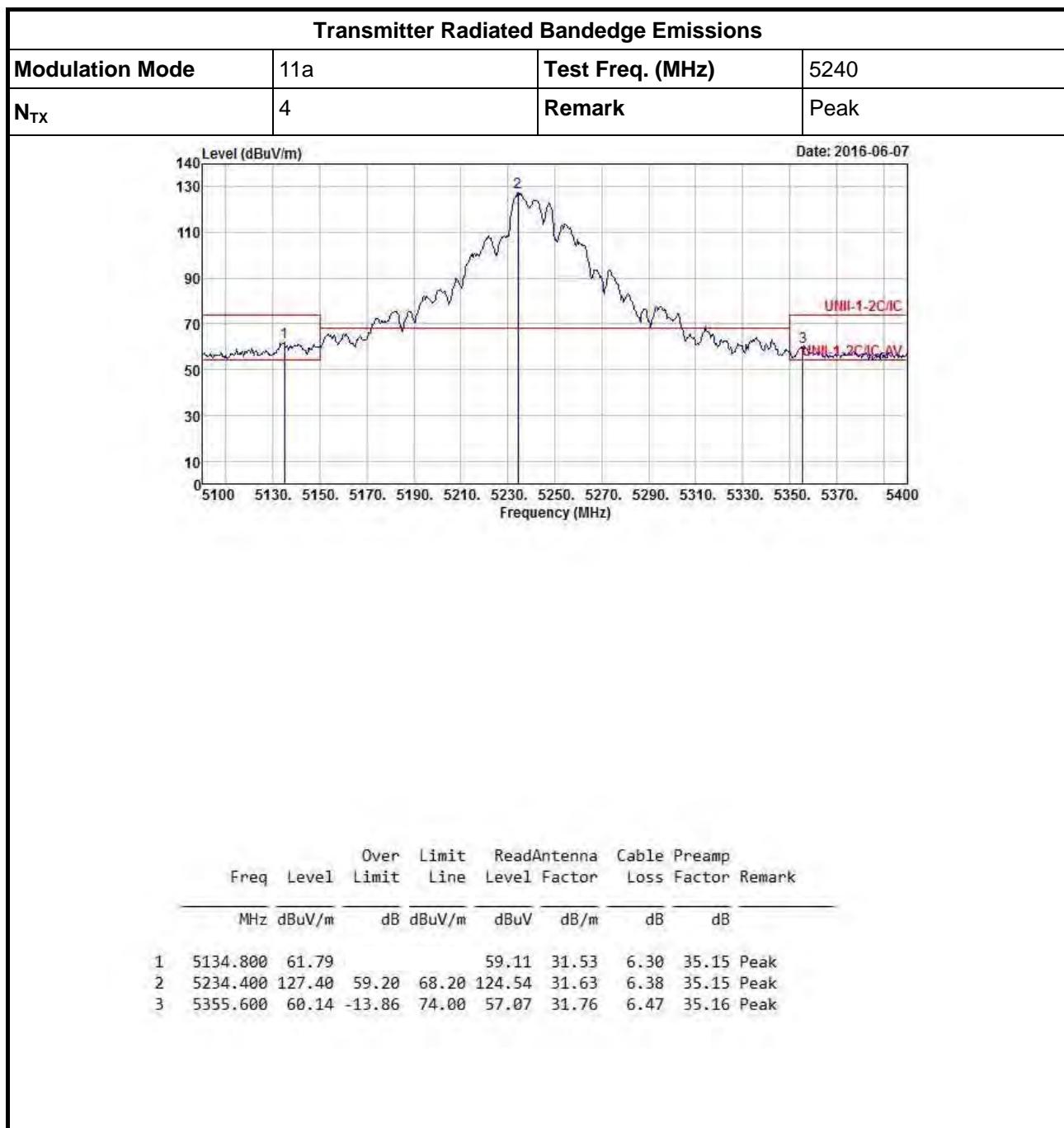
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Transmitter Radiated Bandedge Emissions

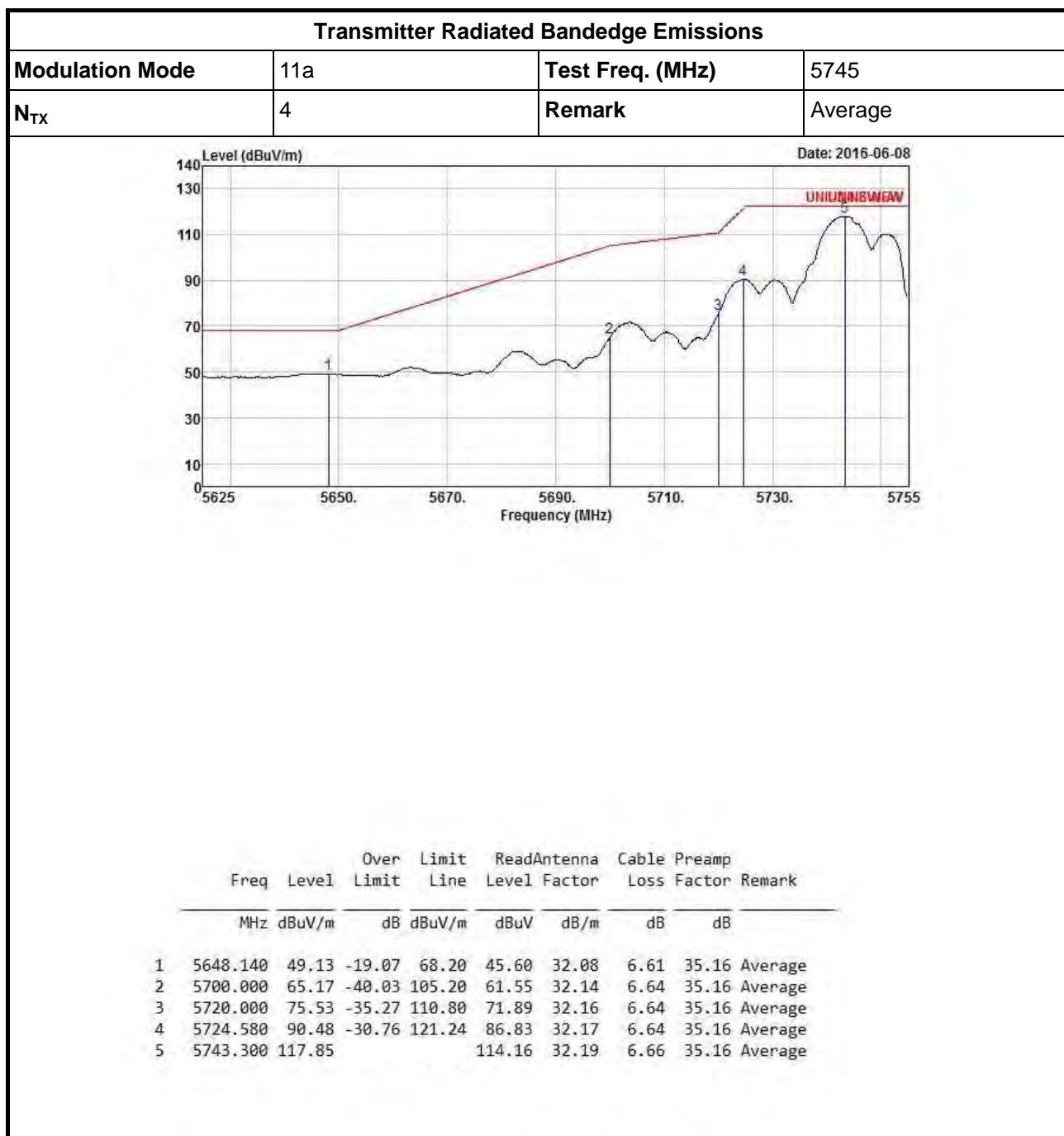
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Transmitter Radiated Bandedge Emissions

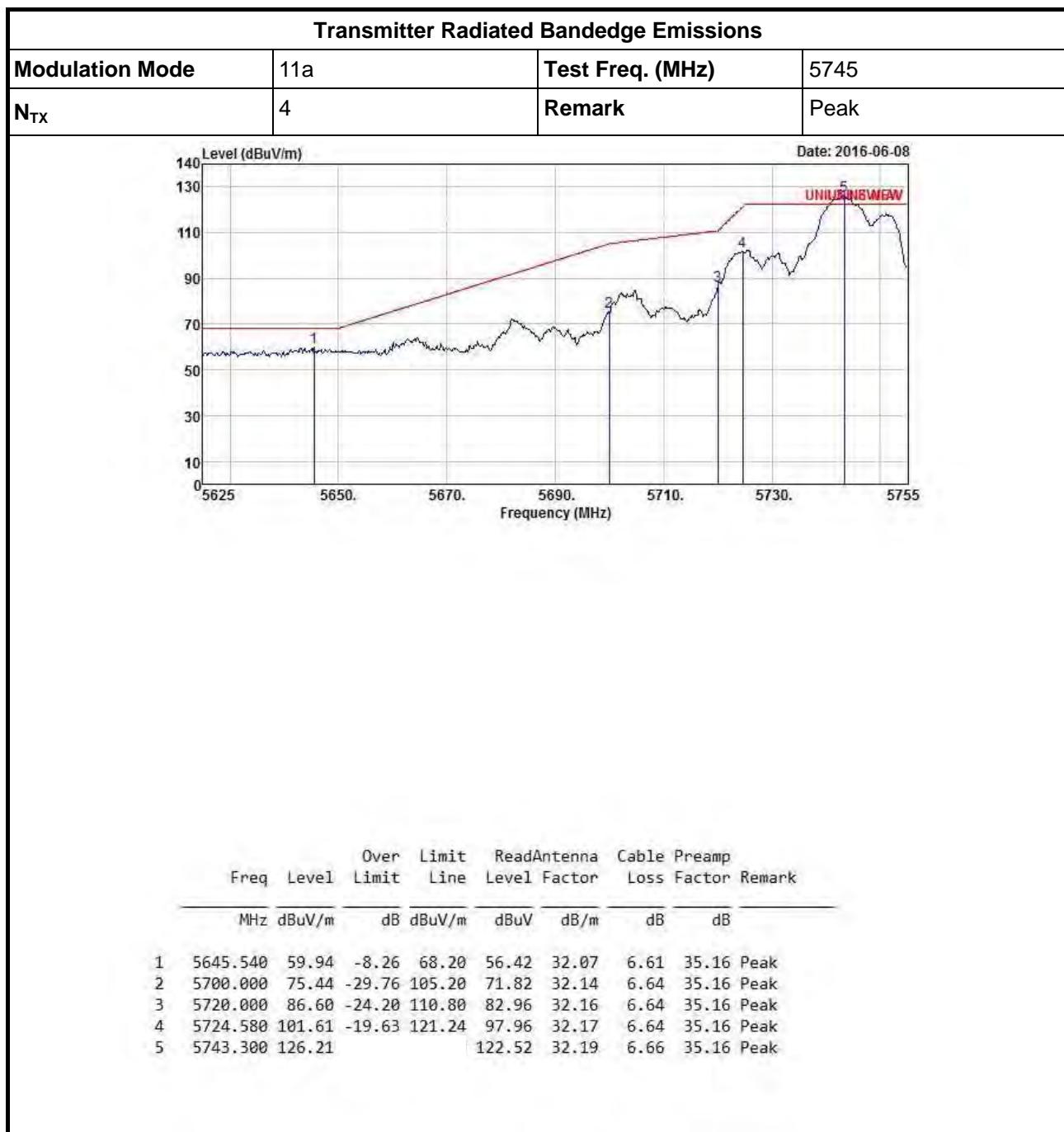
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Transmitter Radiated Bandedge Emissions

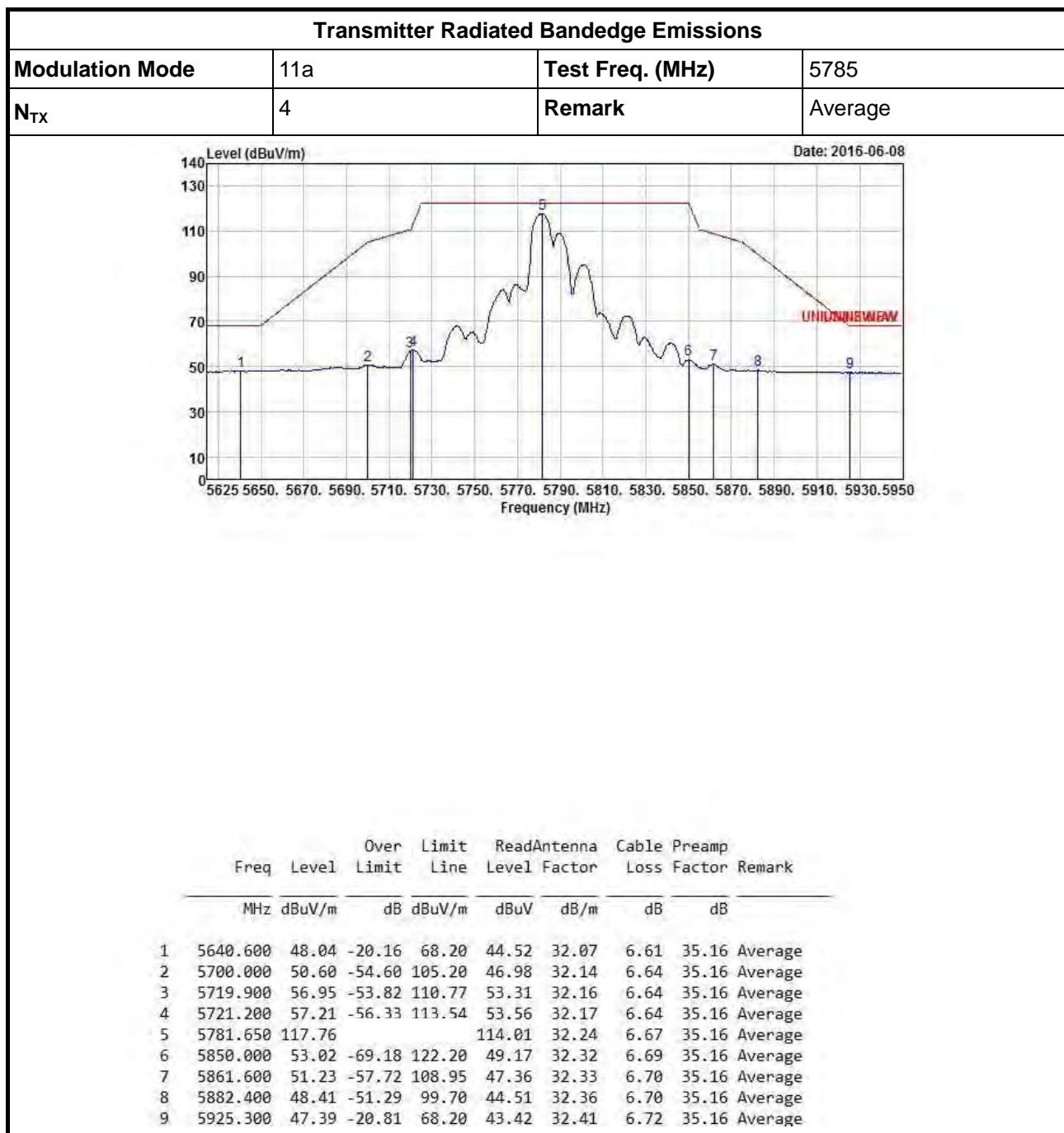
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Transmitter Radiated Bandedge Emissions

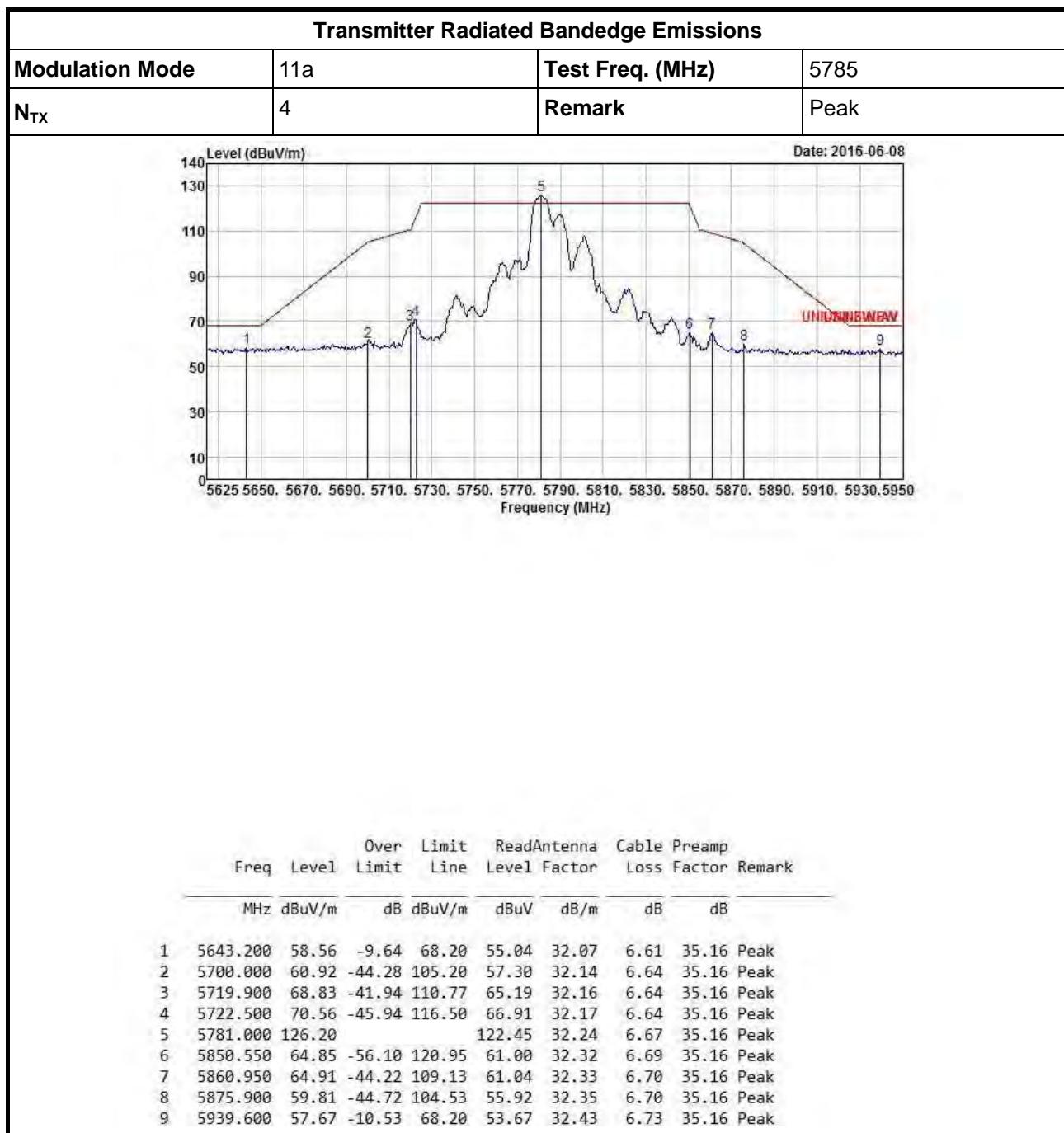
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Transmitter Radiated Bandedge Emissions

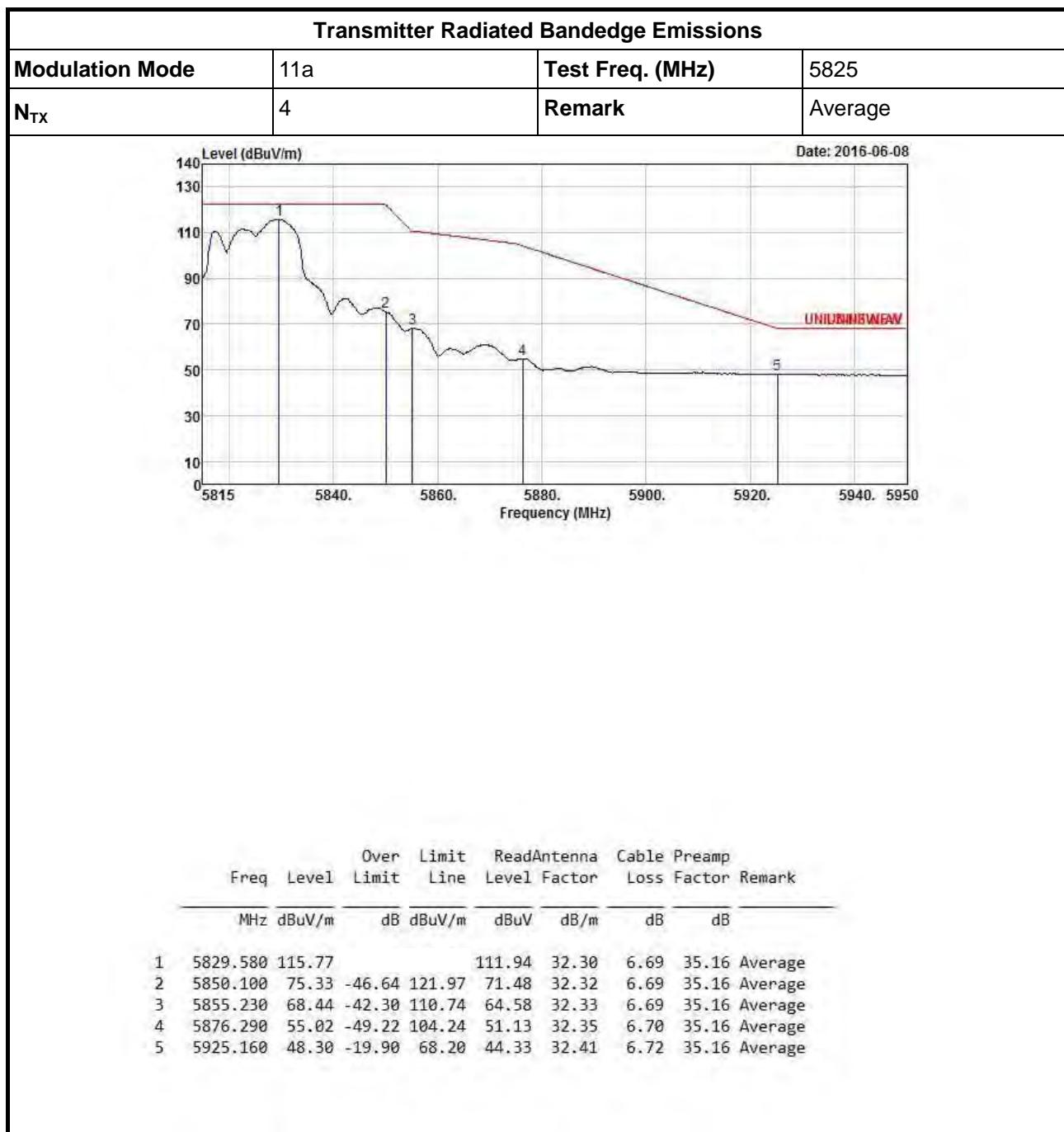
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Transmitter Radiated Bandedge Emissions

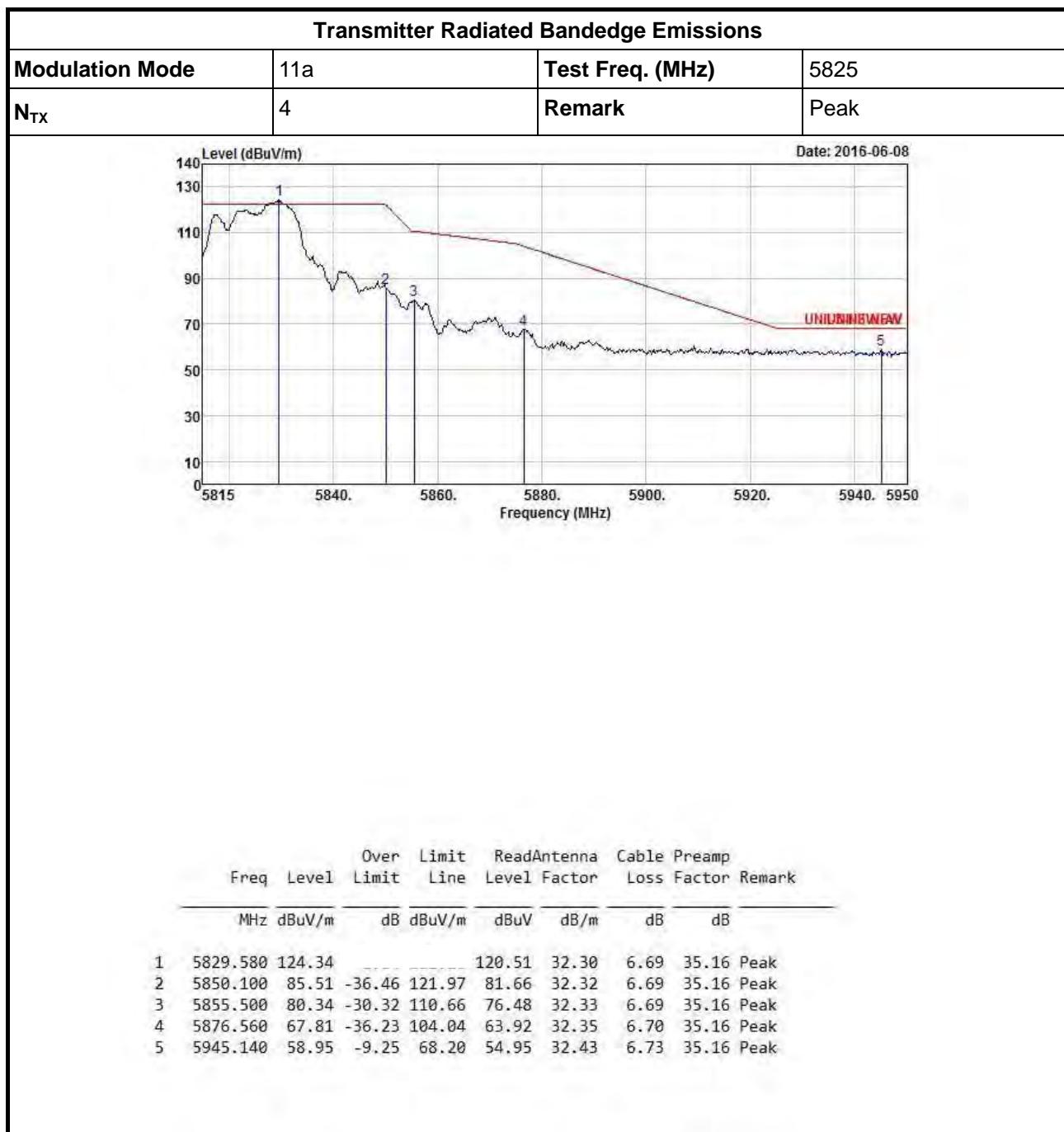
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Transmitter Radiated Bandedge Emissions

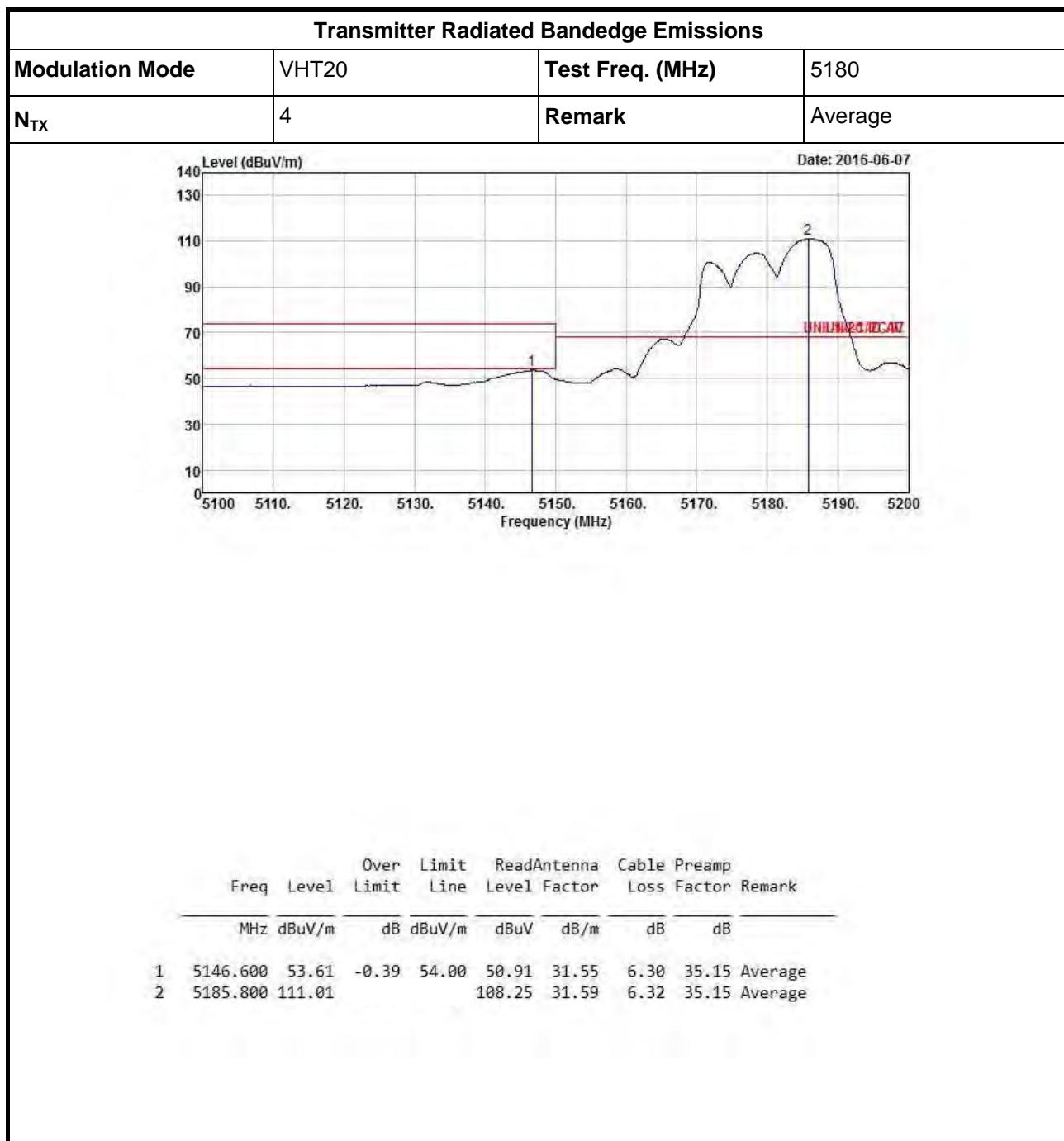
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Transmitter Radiated Bandedge Emissions

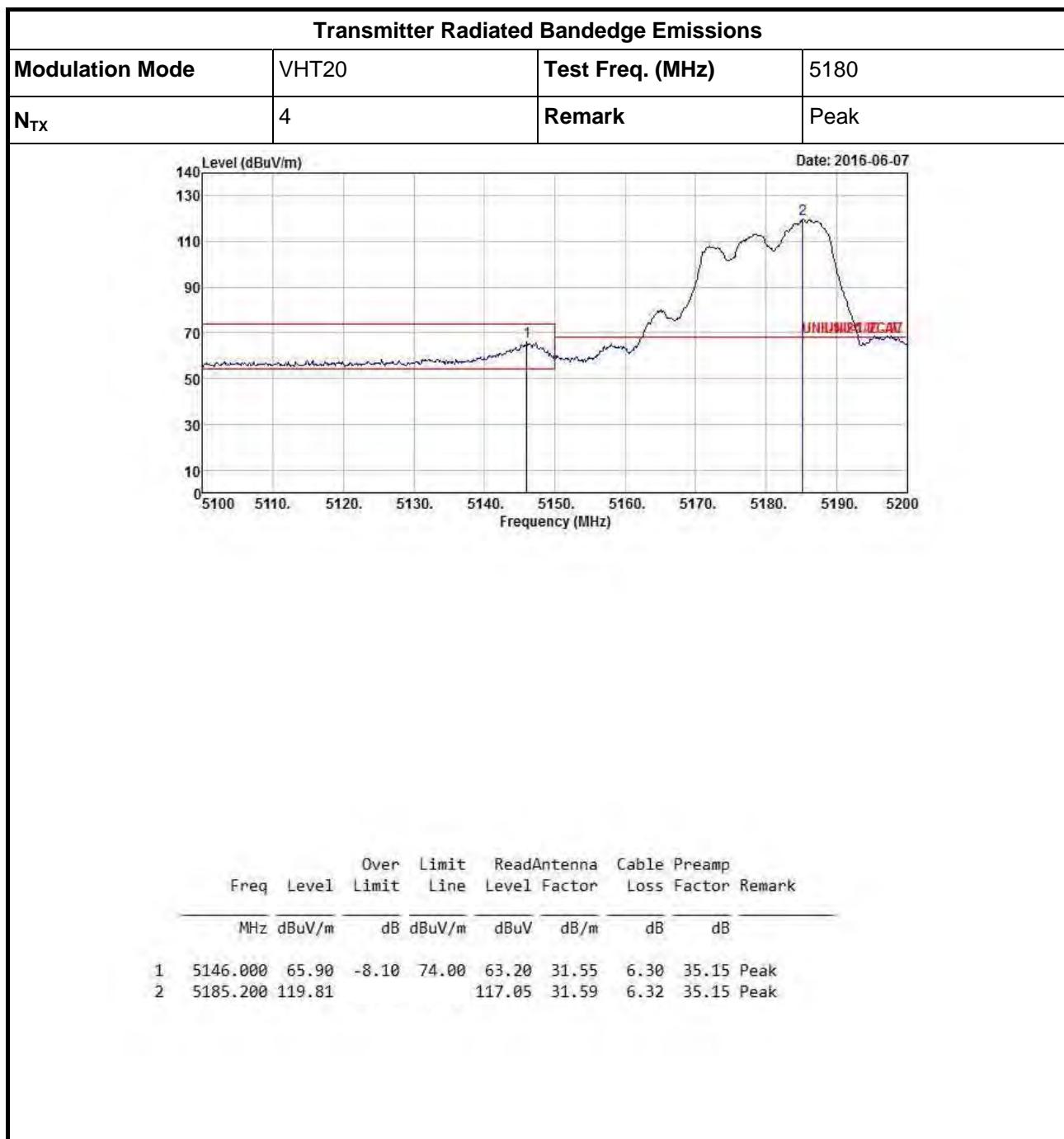
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Transmitter Radiated Bandedge Emissions

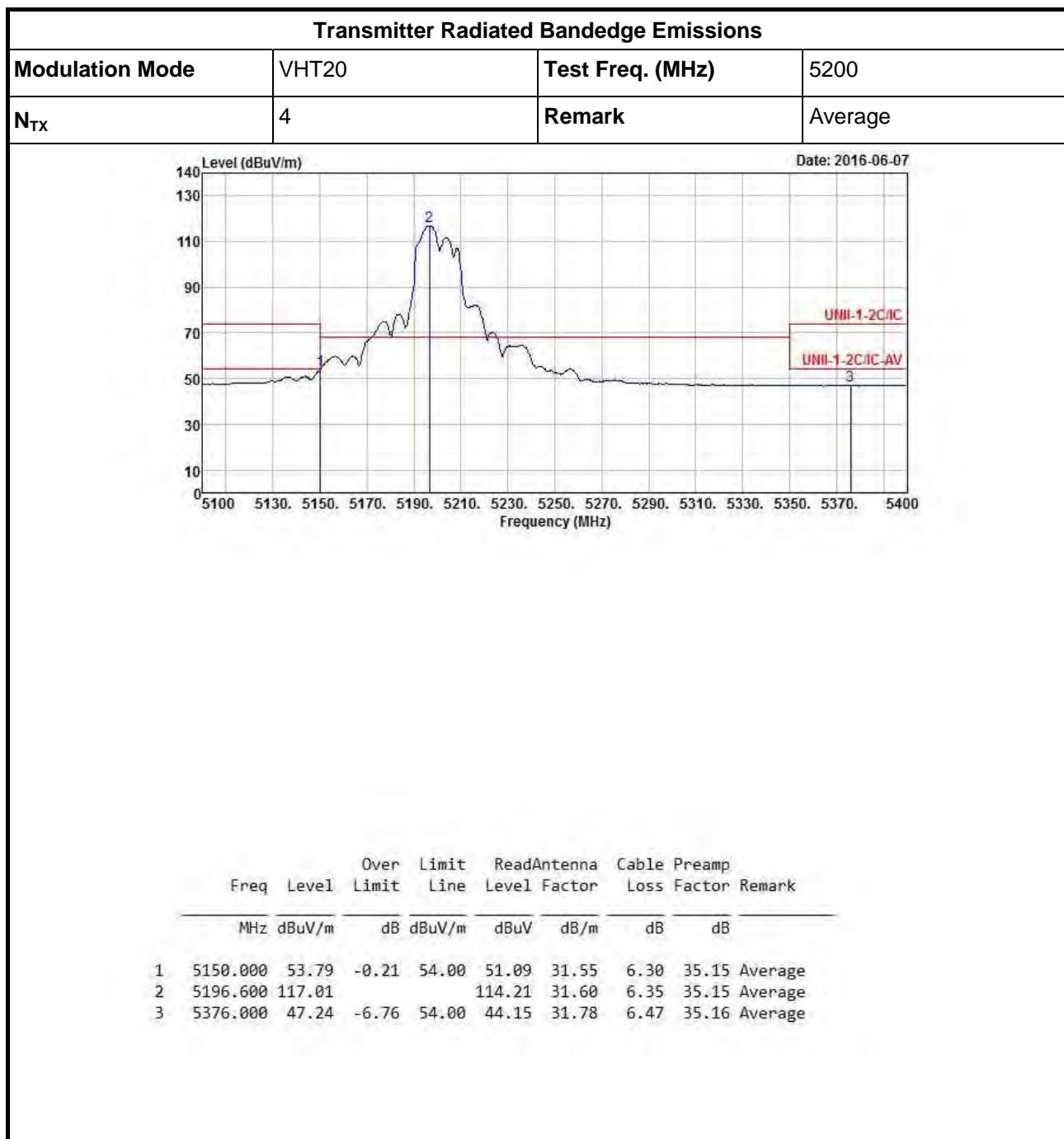
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Transmitter Radiated Bandedge Emissions

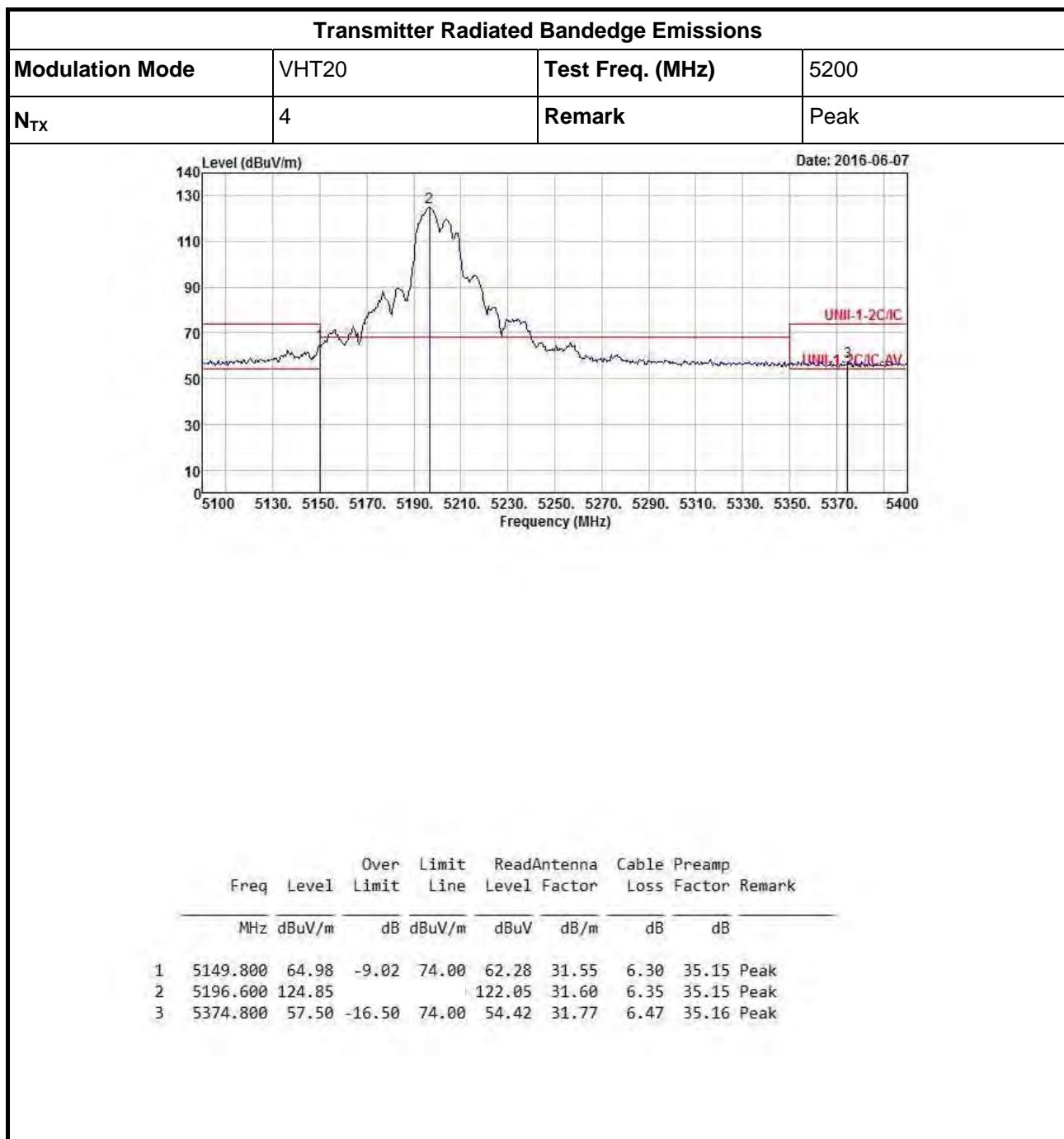
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Transmitter Radiated Bandedge Emissions

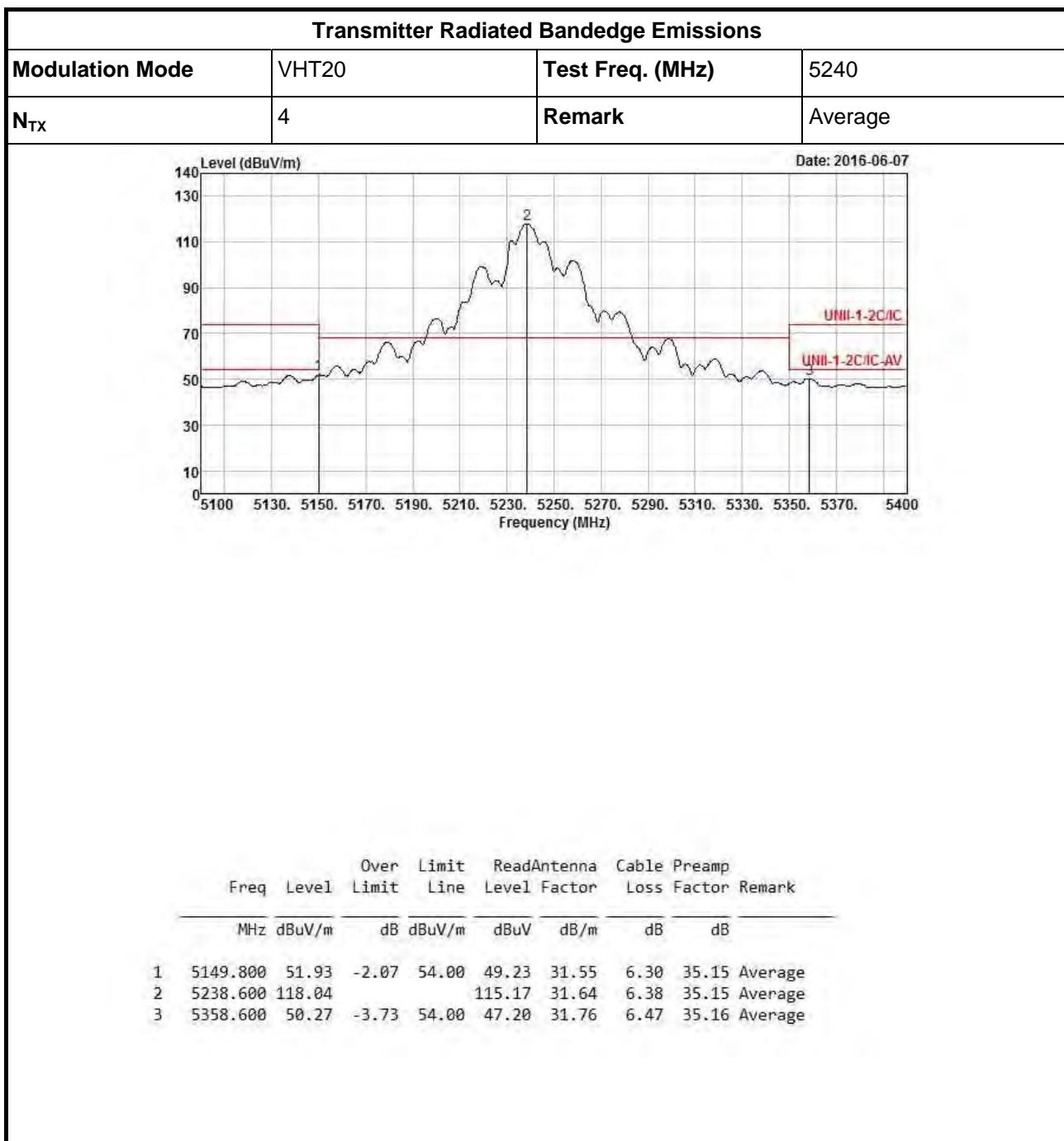
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Transmitter Radiated Bandedge Emissions

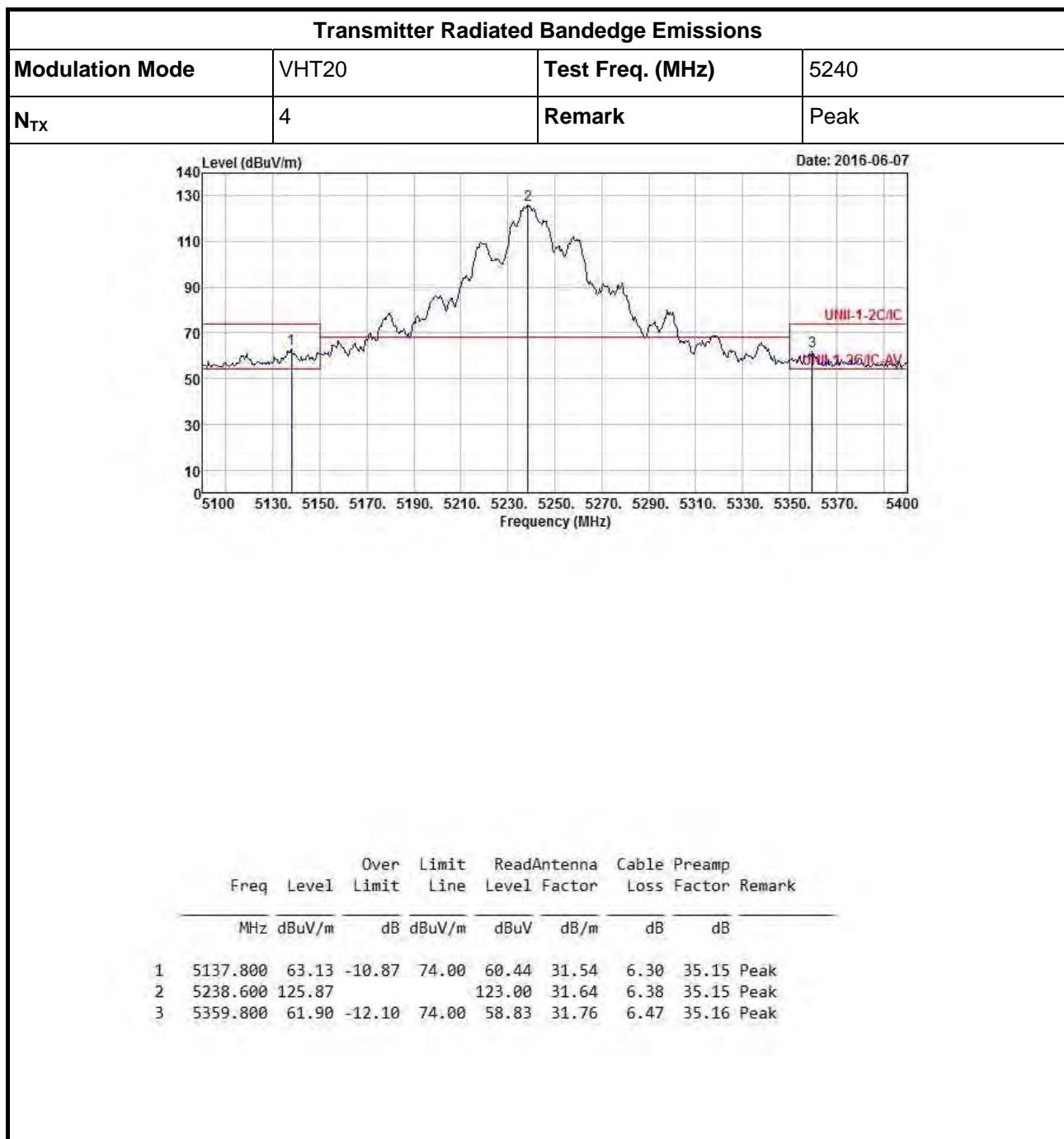
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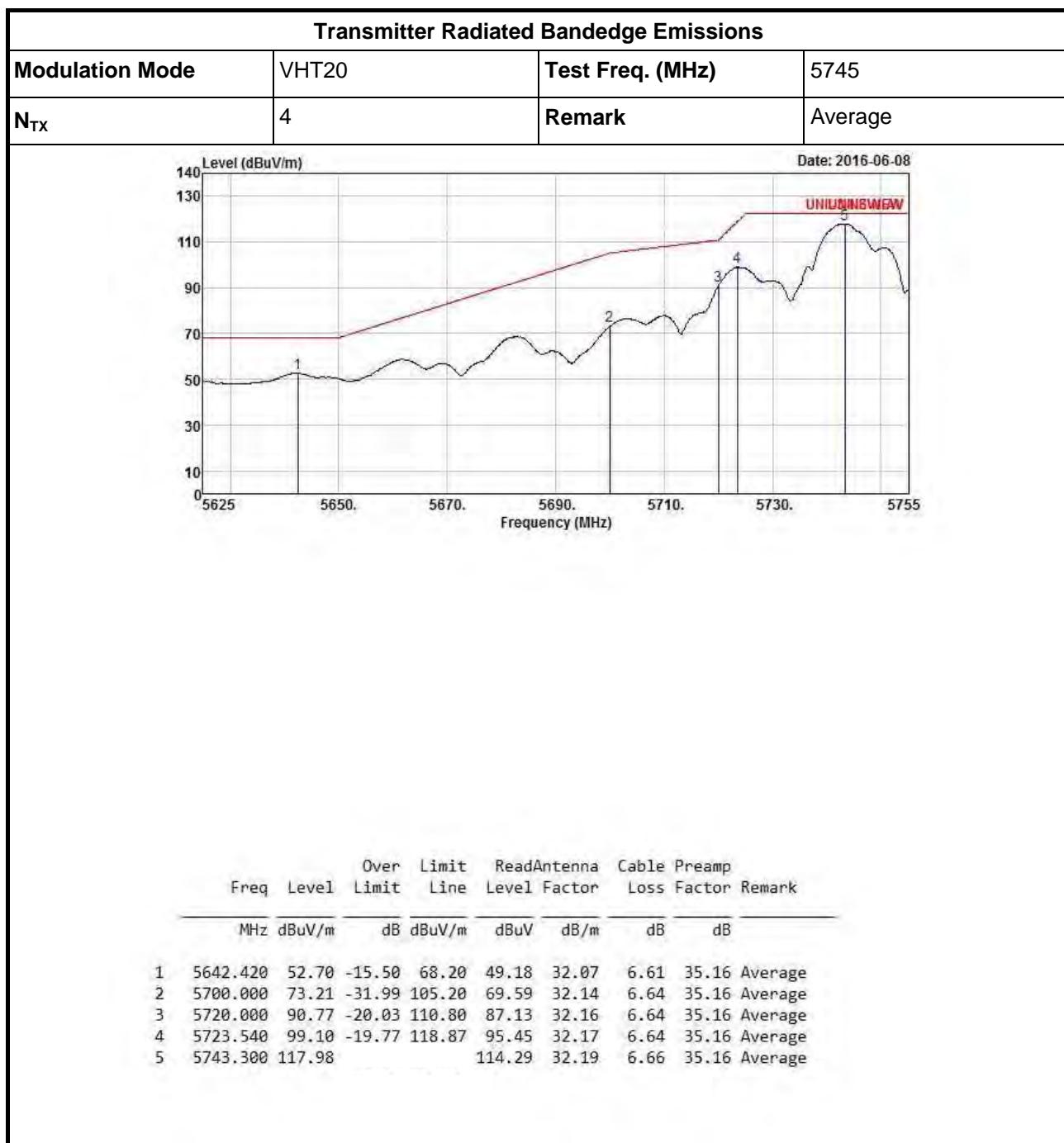




Transmitter Radiated Bandedge Emissions

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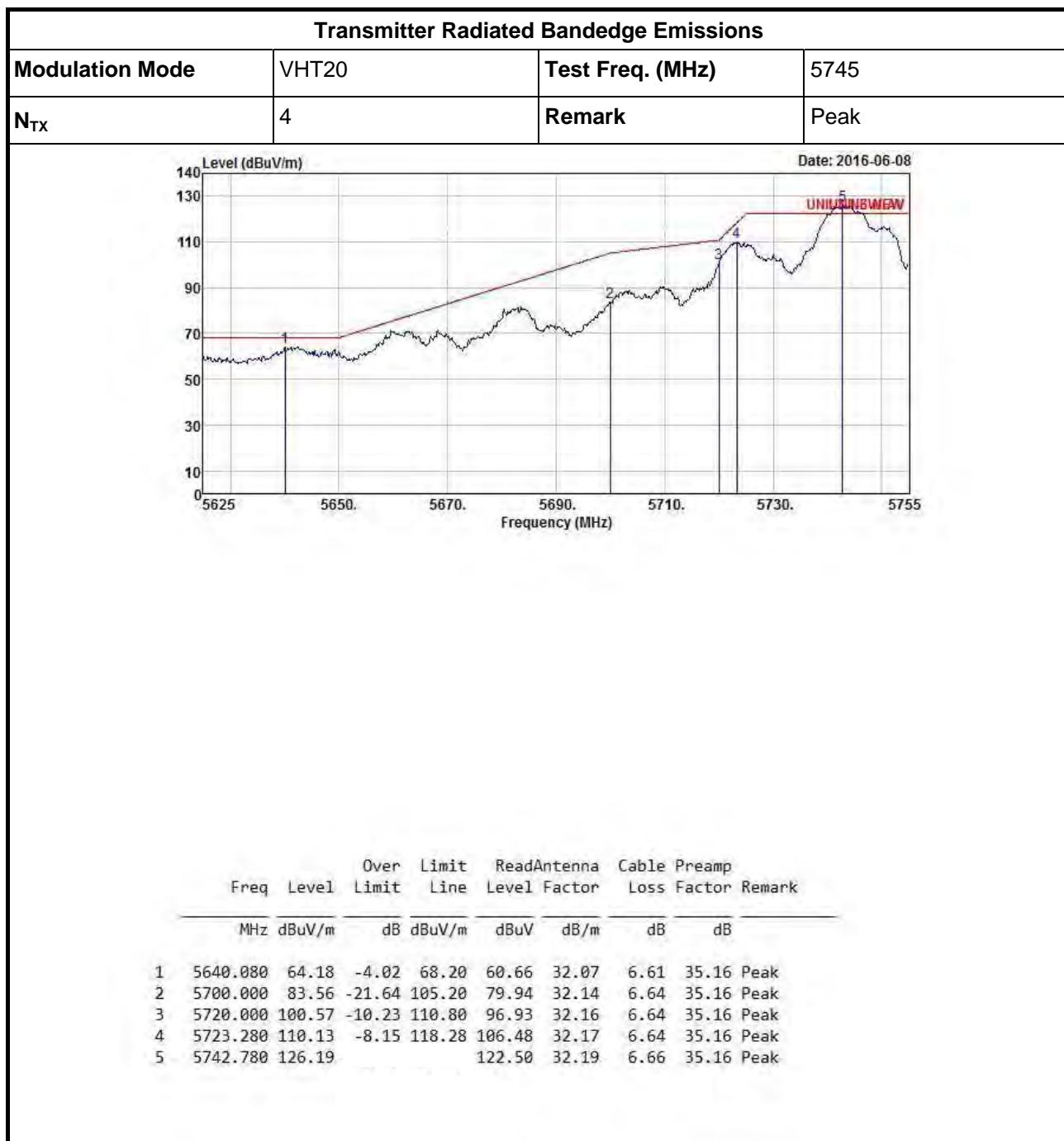






Transmitter Radiated Bandedge Emissions

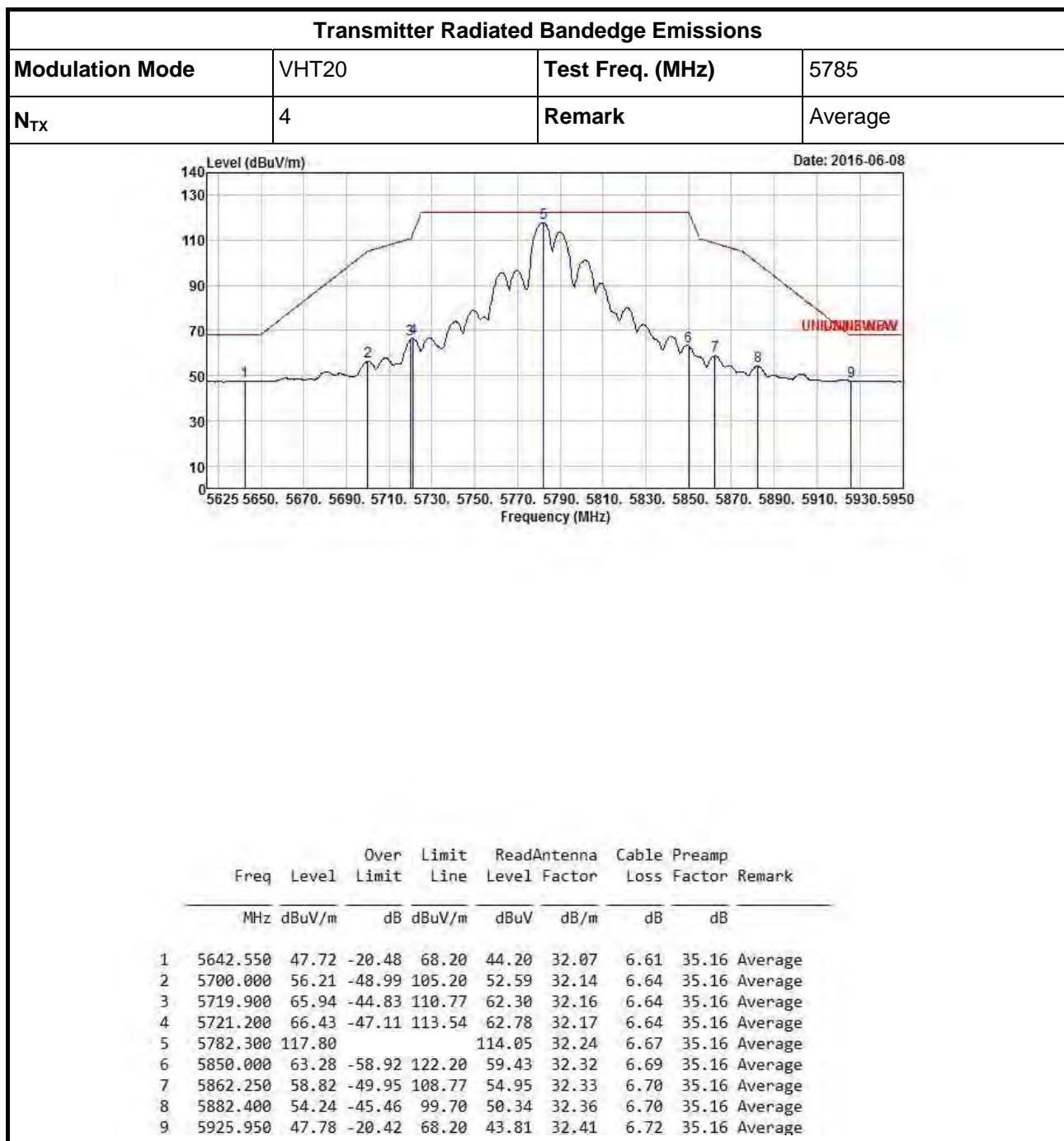
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Transmitter Radiated Bandedge Emissions

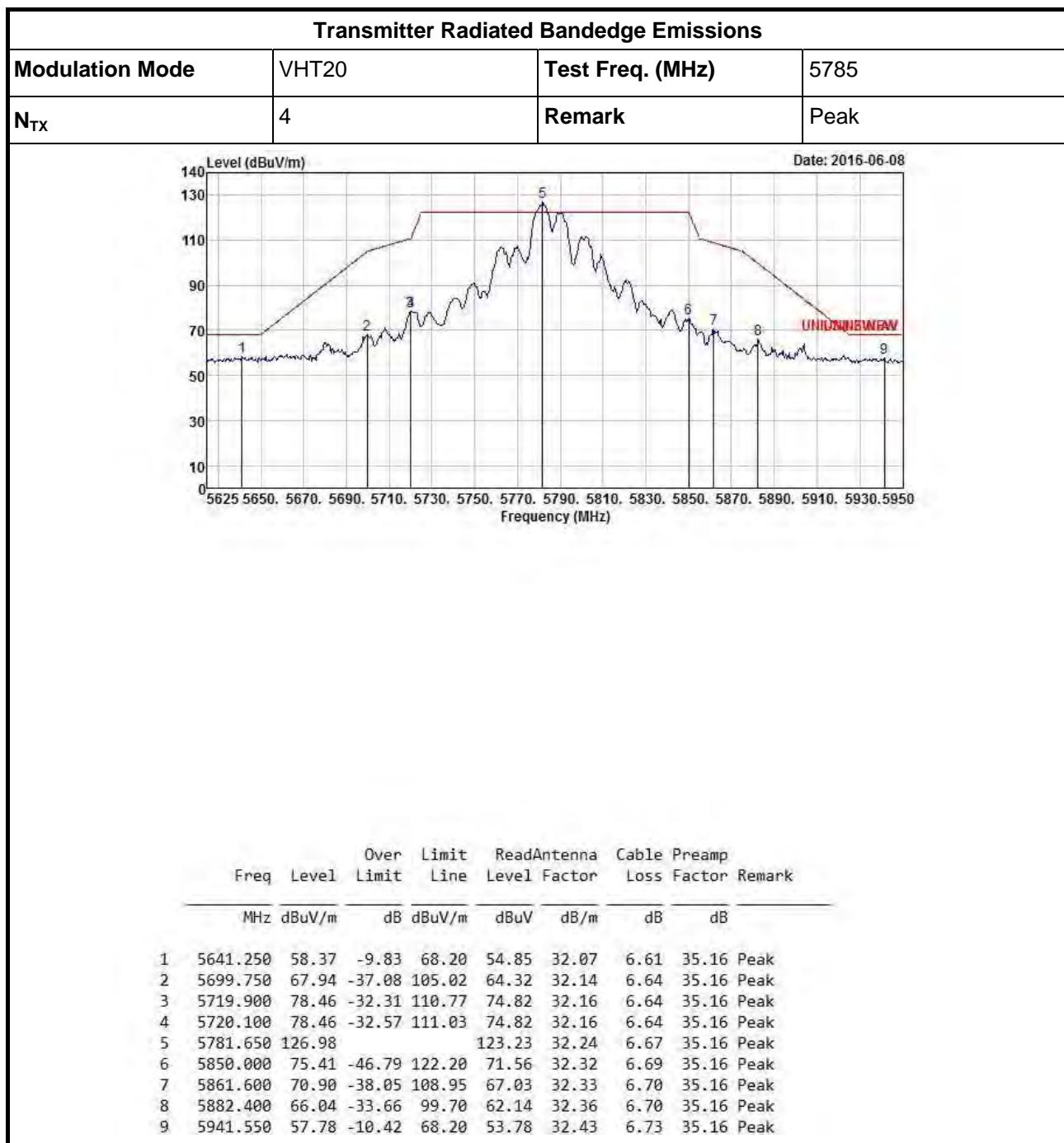
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Transmitter Radiated Bandedge Emissions

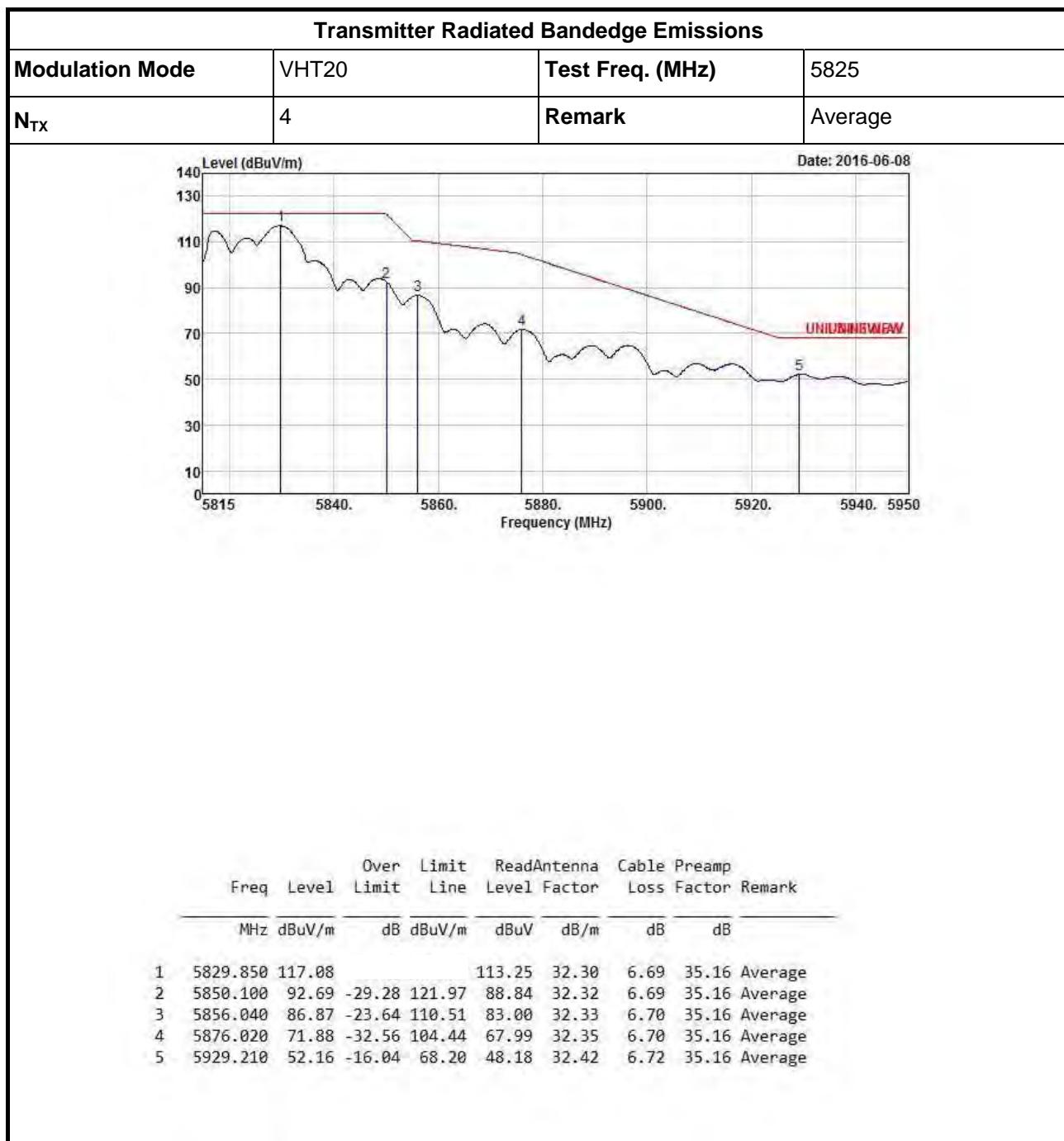
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Transmitter Radiated Bandedge Emissions

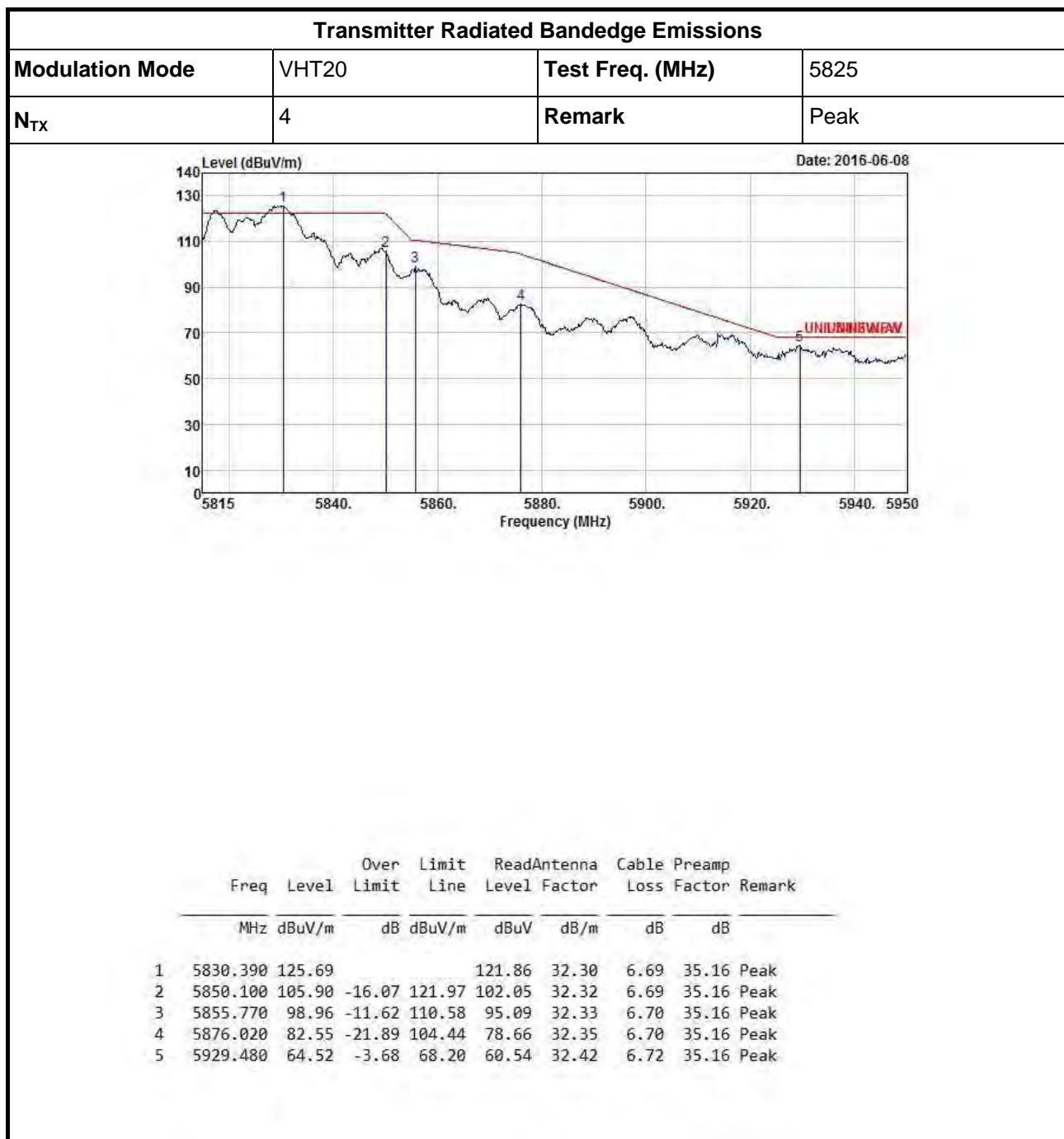
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Transmitter Radiated Bandedge Emissions

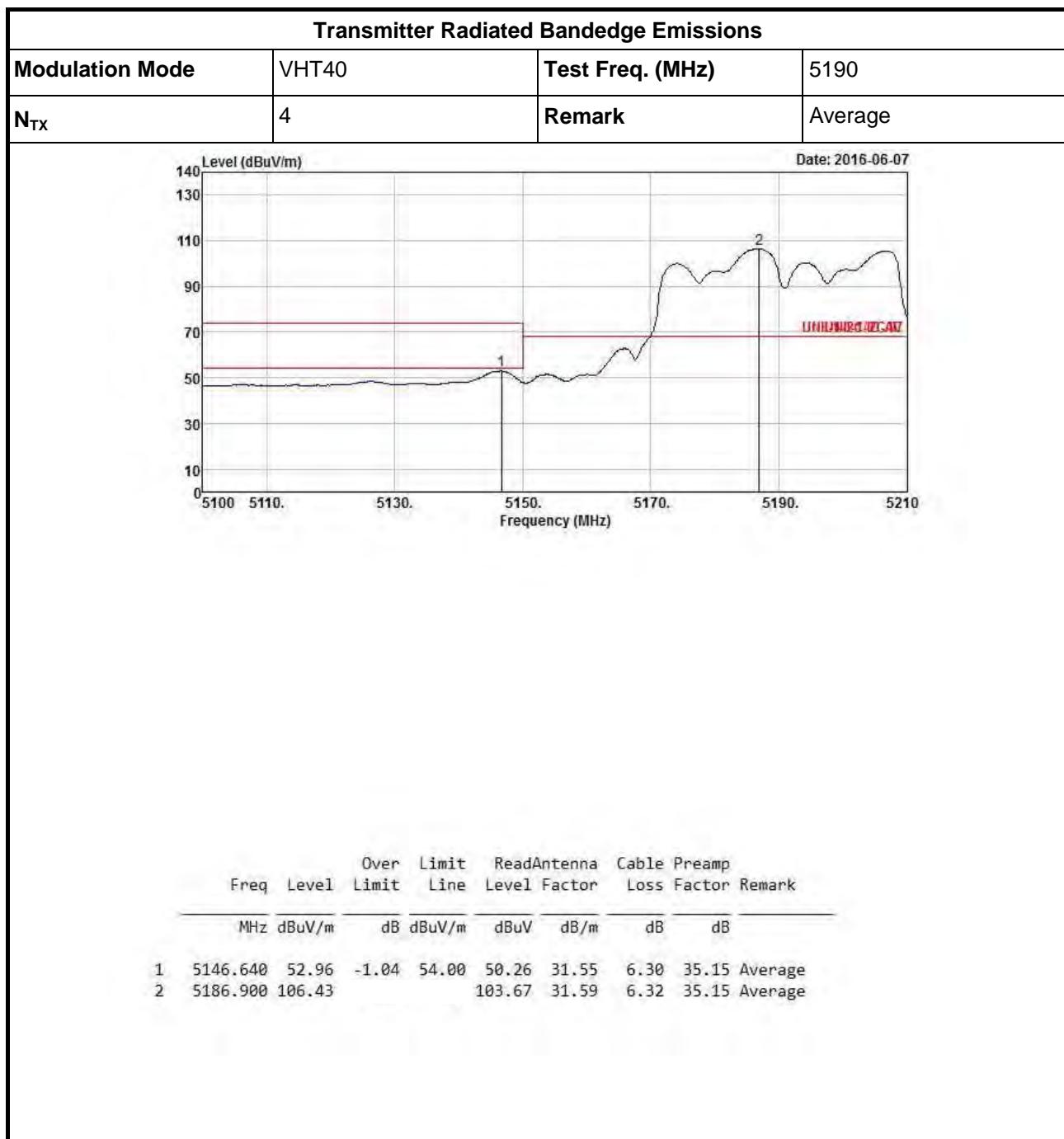
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Transmitter Radiated Bandedge Emissions

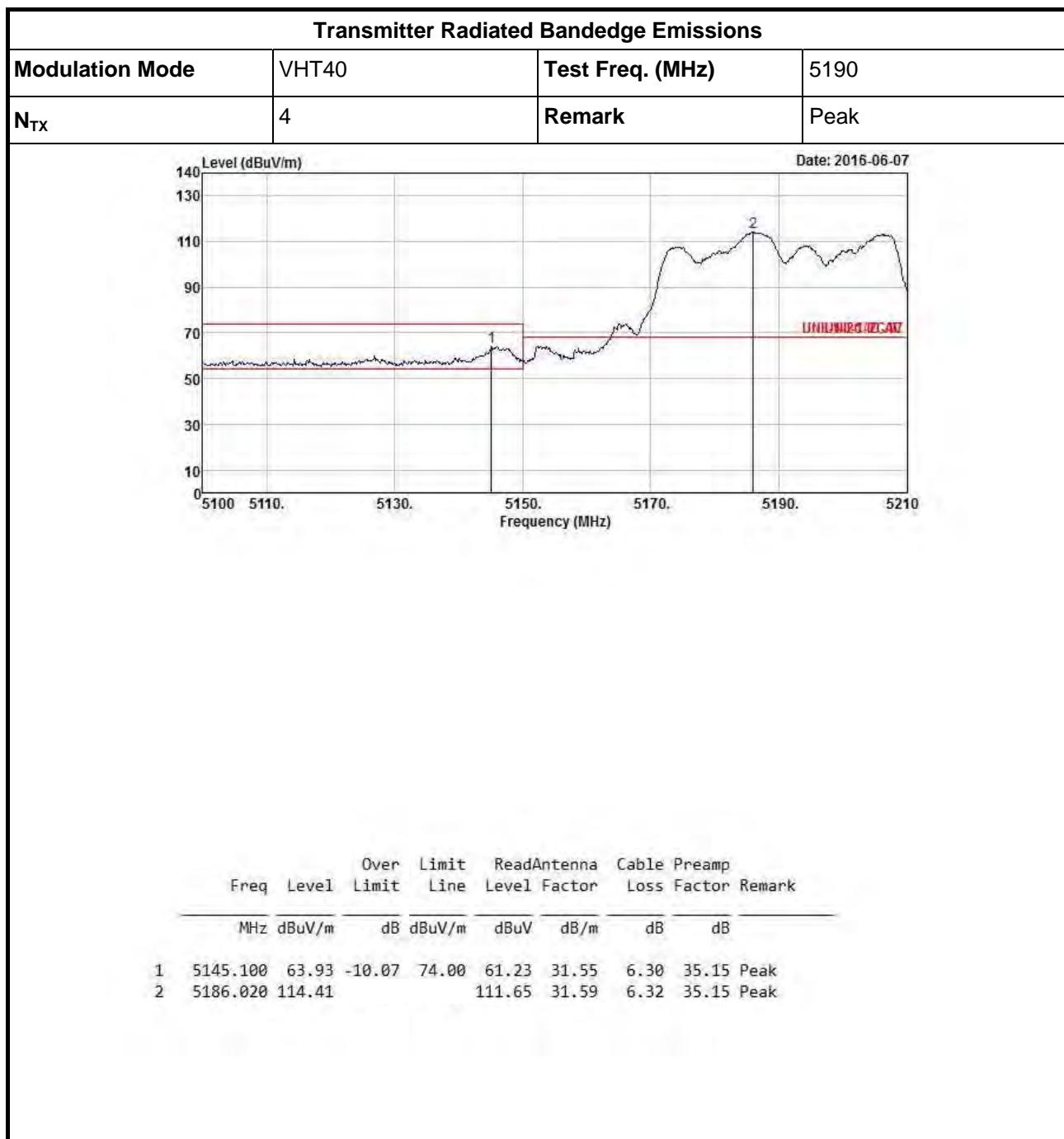
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Transmitter Radiated Bandedge Emissions

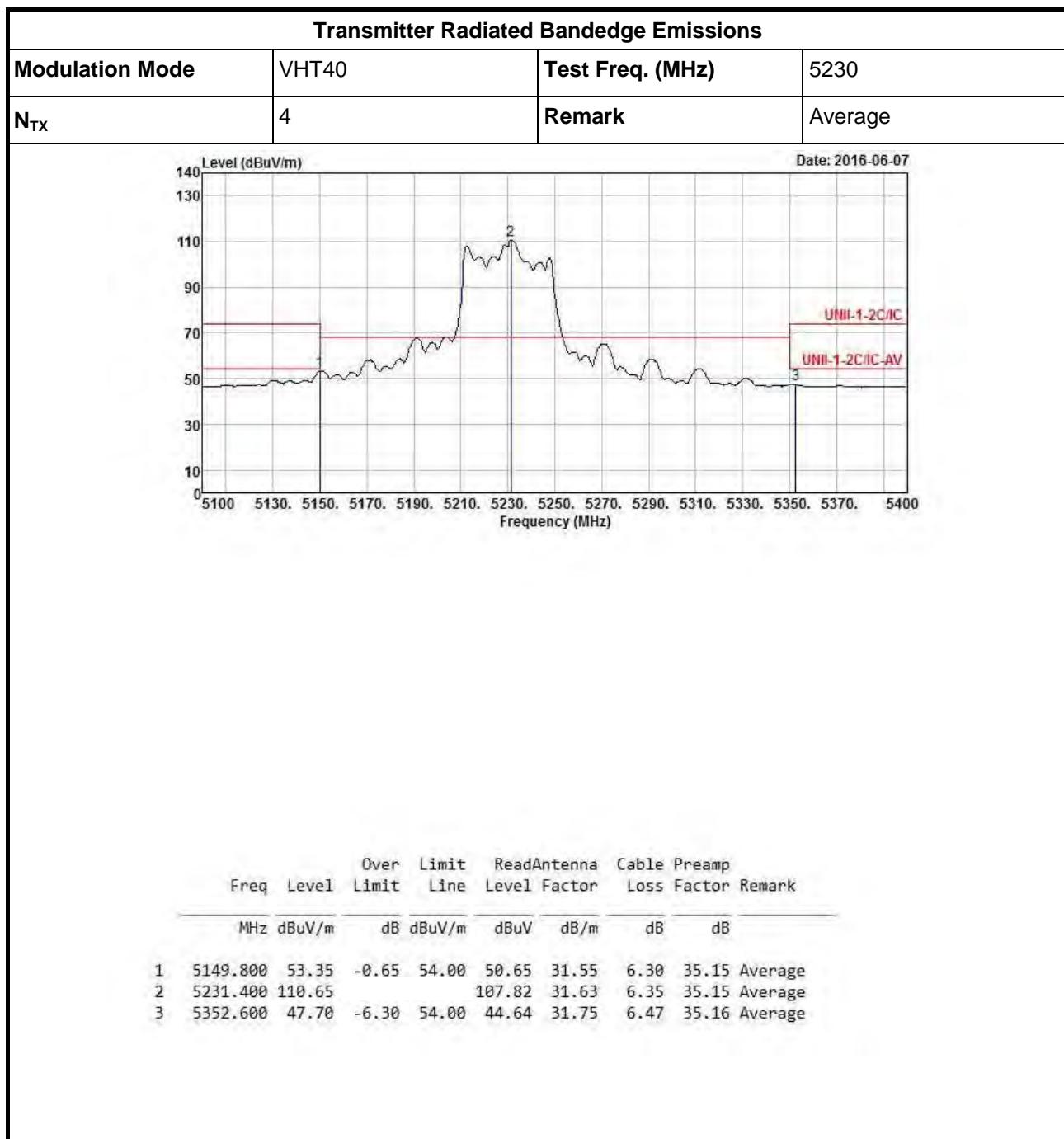
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Transmitter Radiated Bandedge Emissions

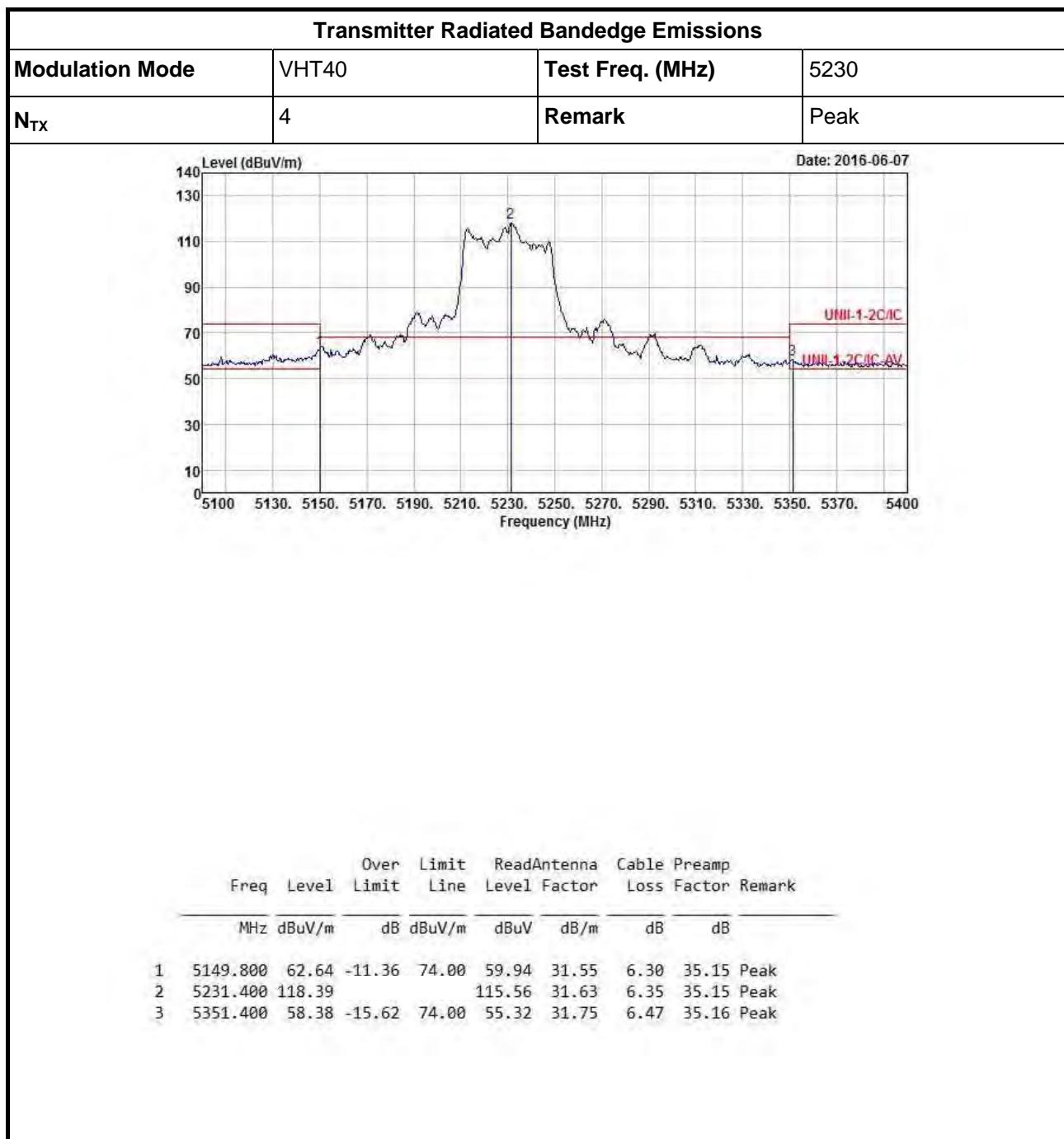
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Transmitter Radiated Bandedge Emissions

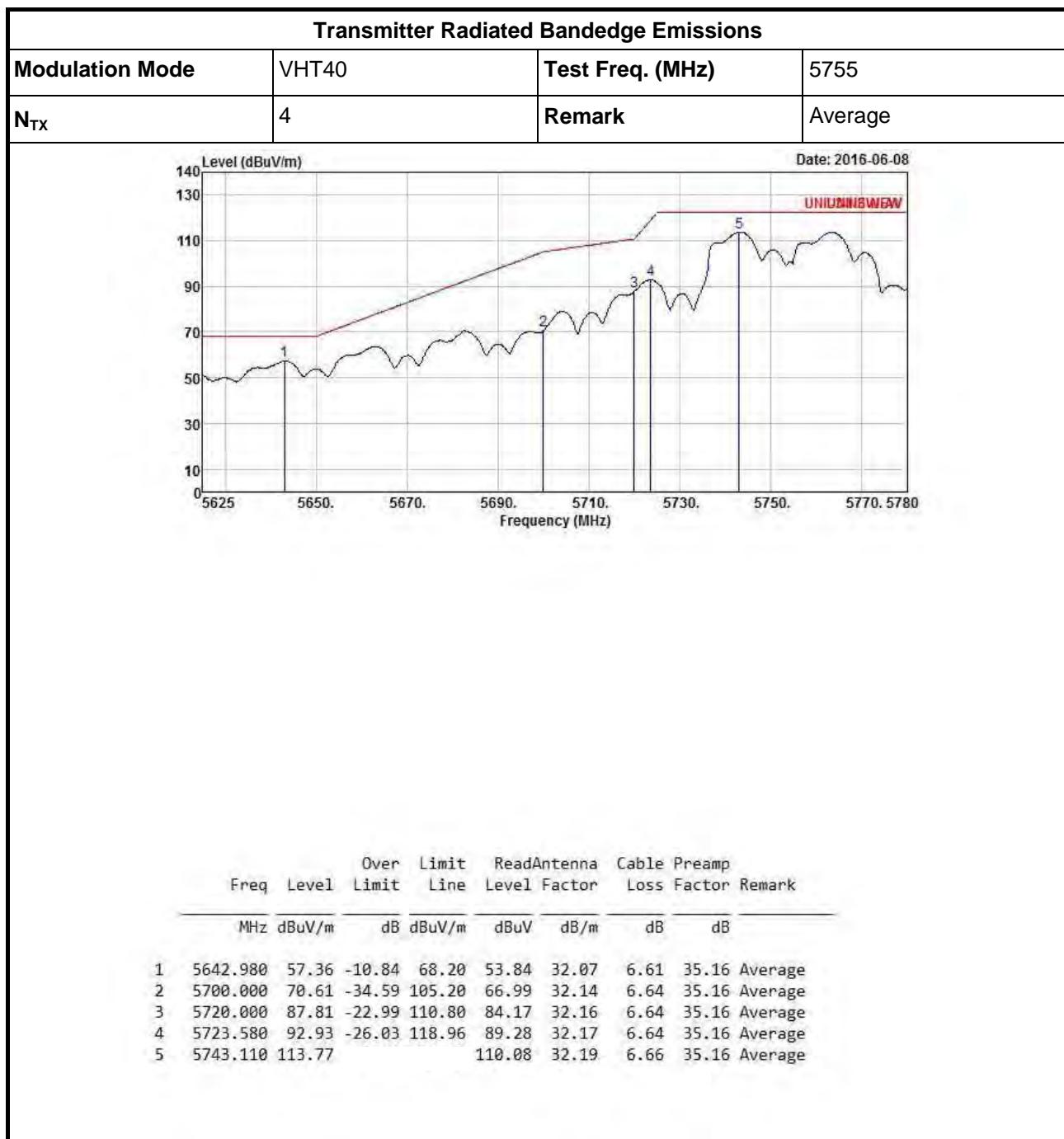
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Transmitter Radiated Bandedge Emissions

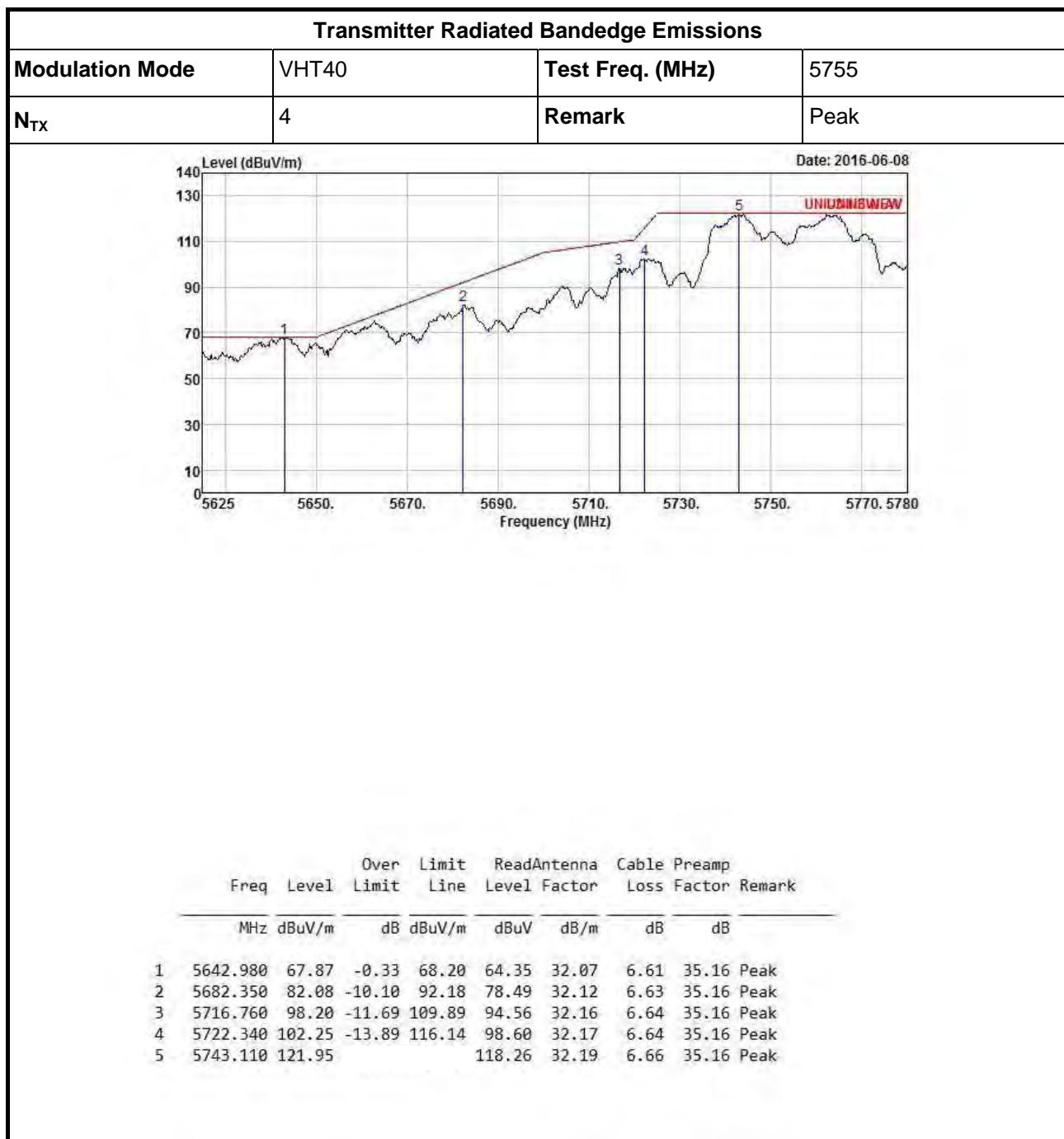
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Transmitter Radiated Bandedge Emissions

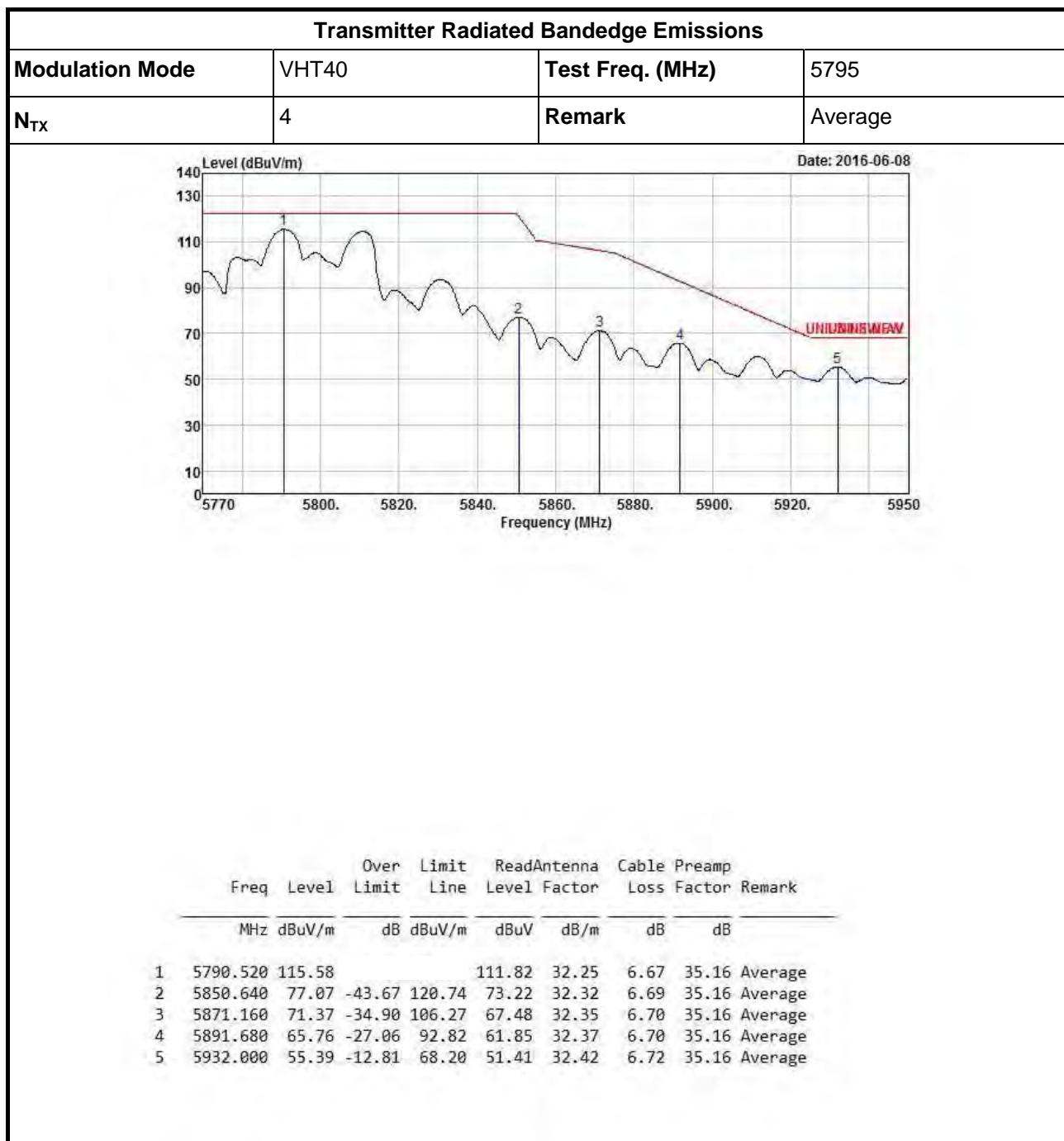
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Transmitter Radiated Bandedge Emissions

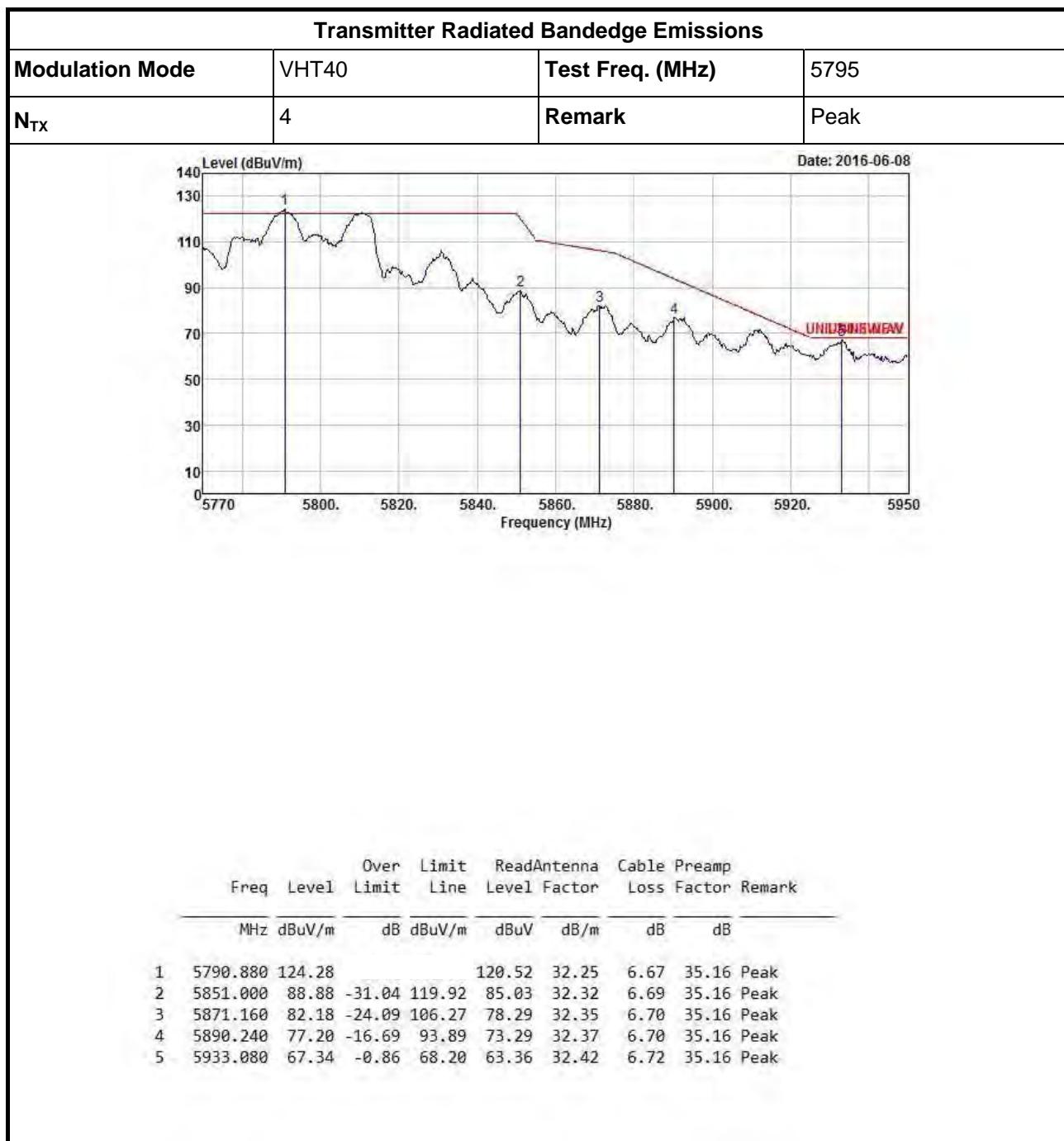
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Transmitter Radiated Bandedge Emissions

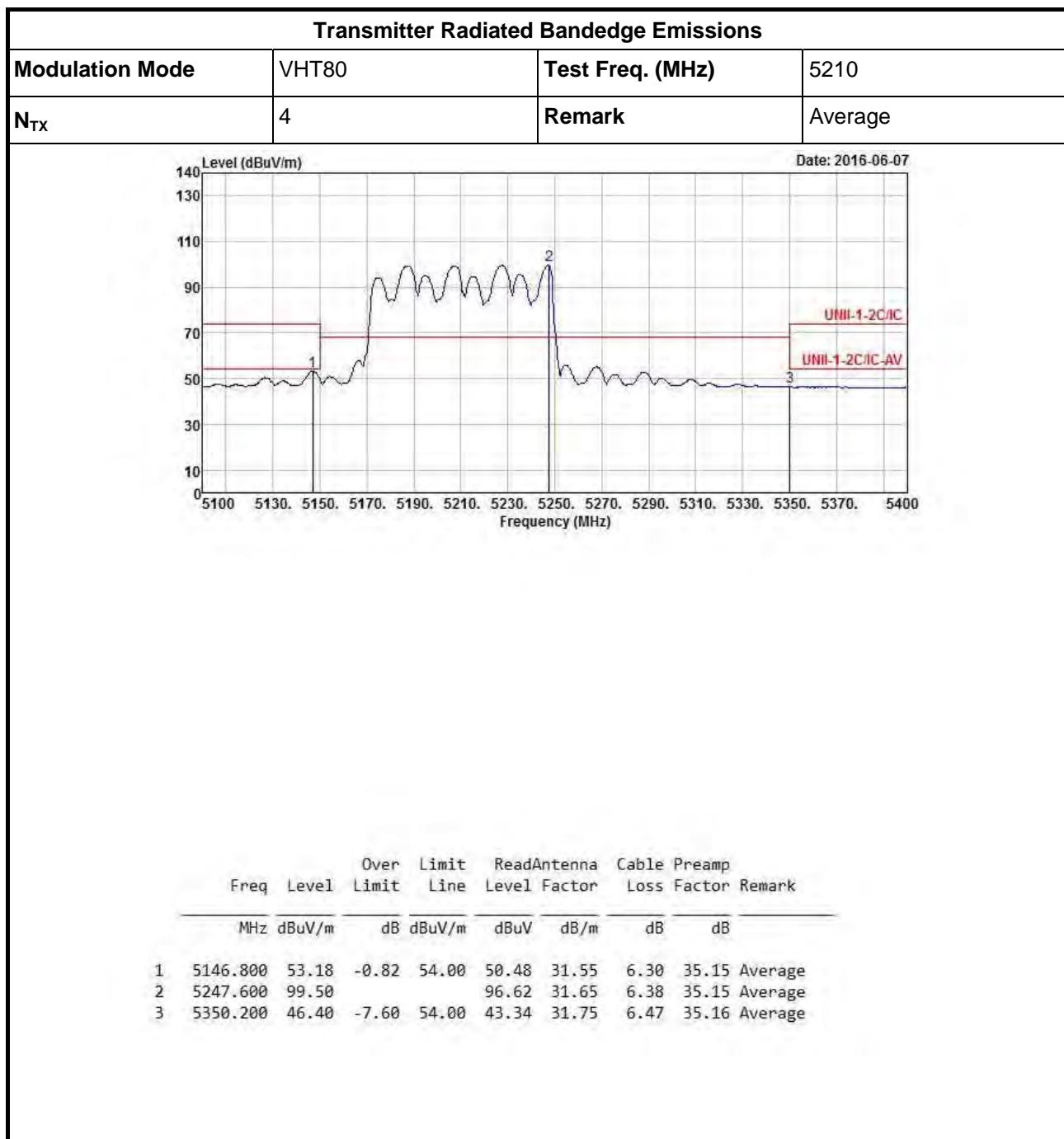
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Transmitter Radiated Bandedge Emissions

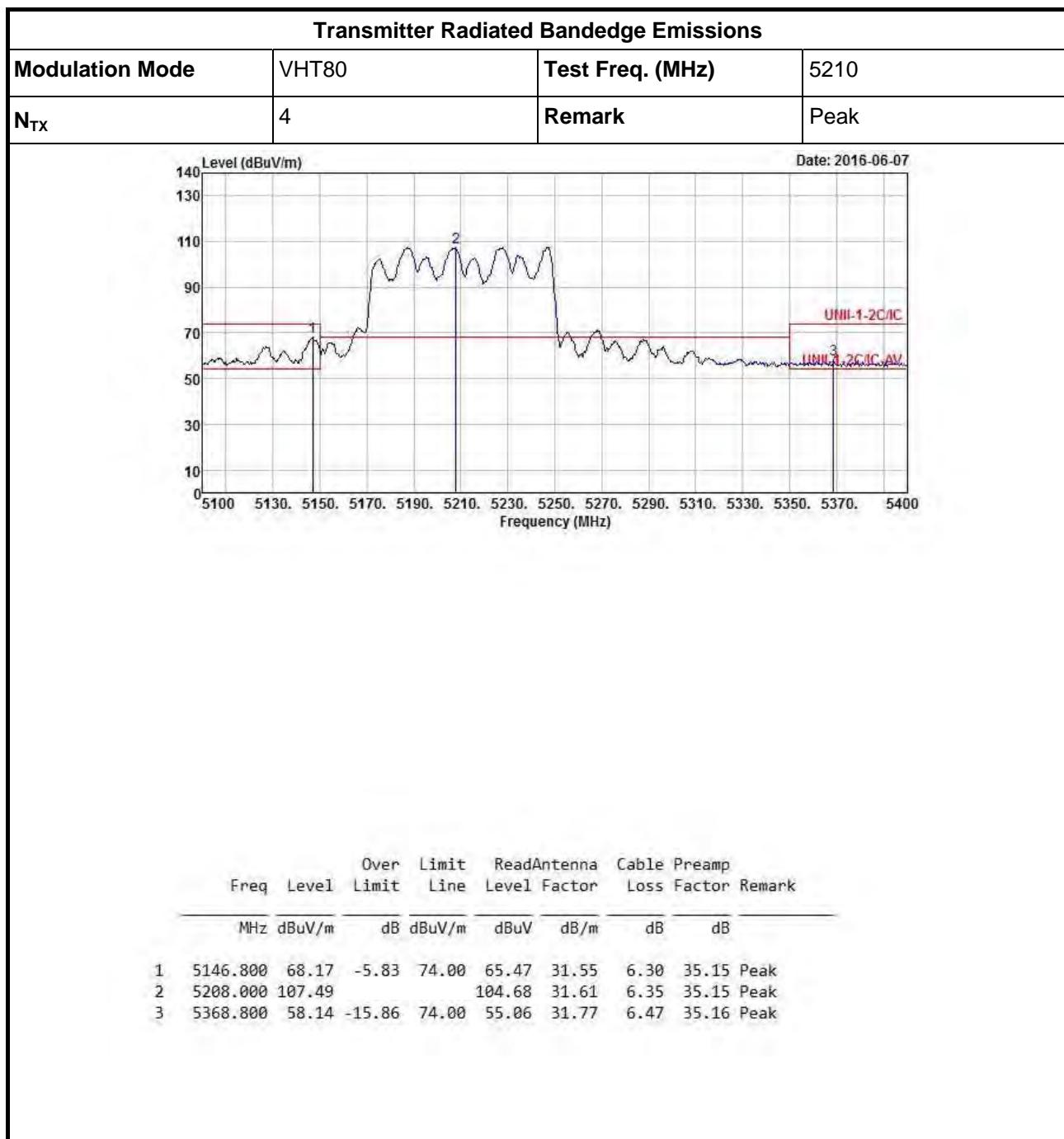
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Transmitter Radiated Bandedge Emissions

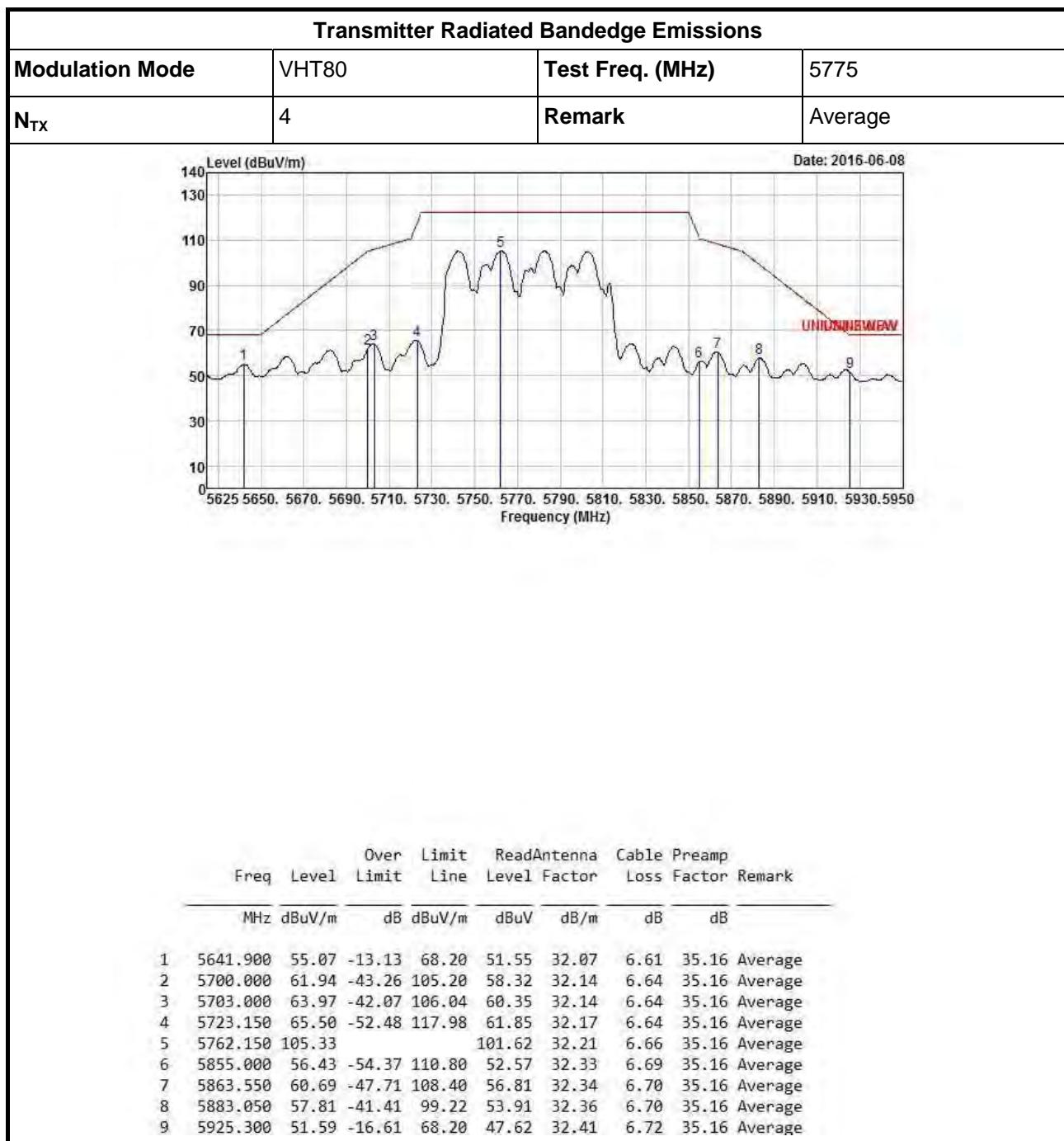
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Transmitter Radiated Bandedge Emissions

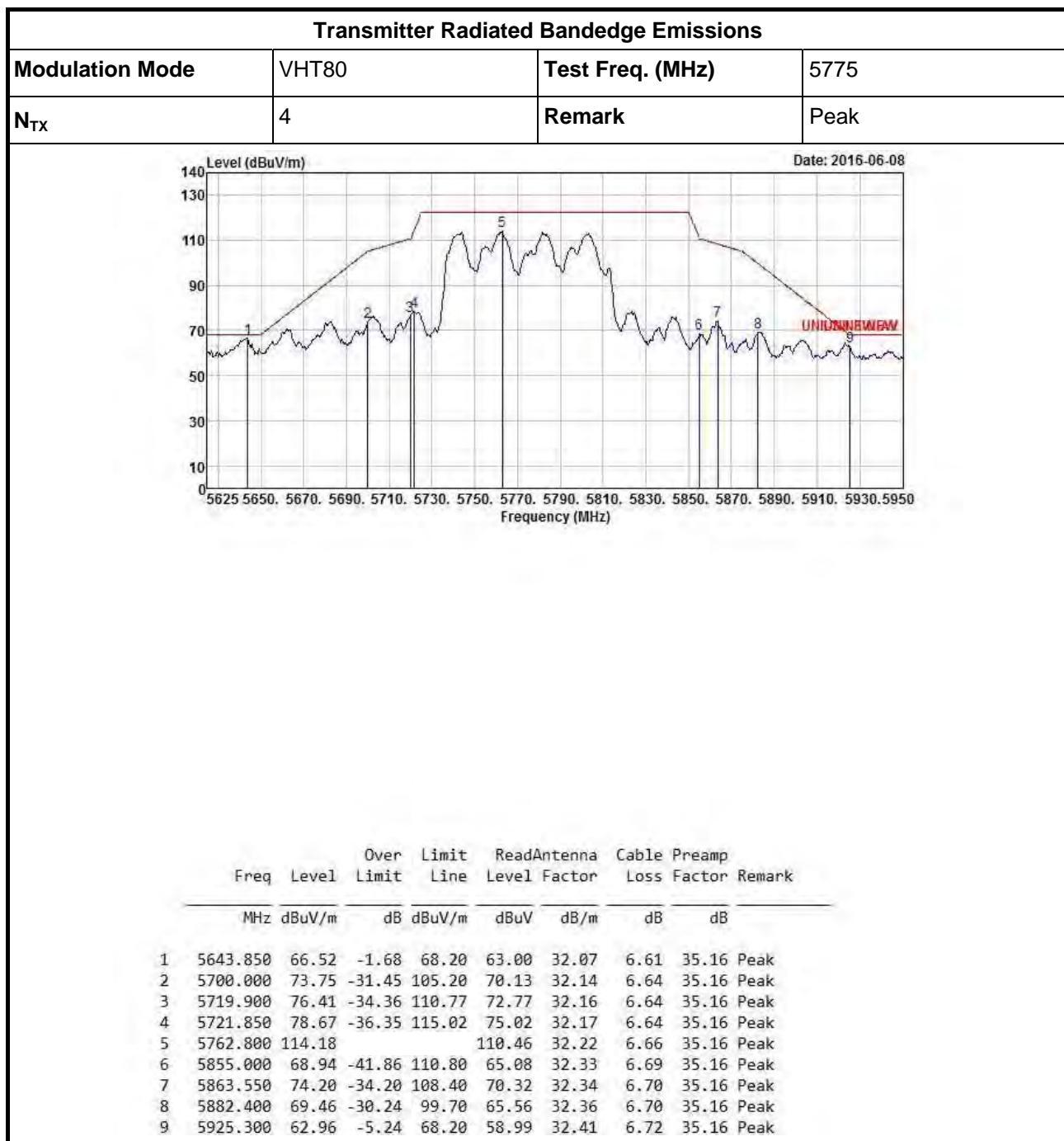
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Transmitter Radiated Bandedge Emissions

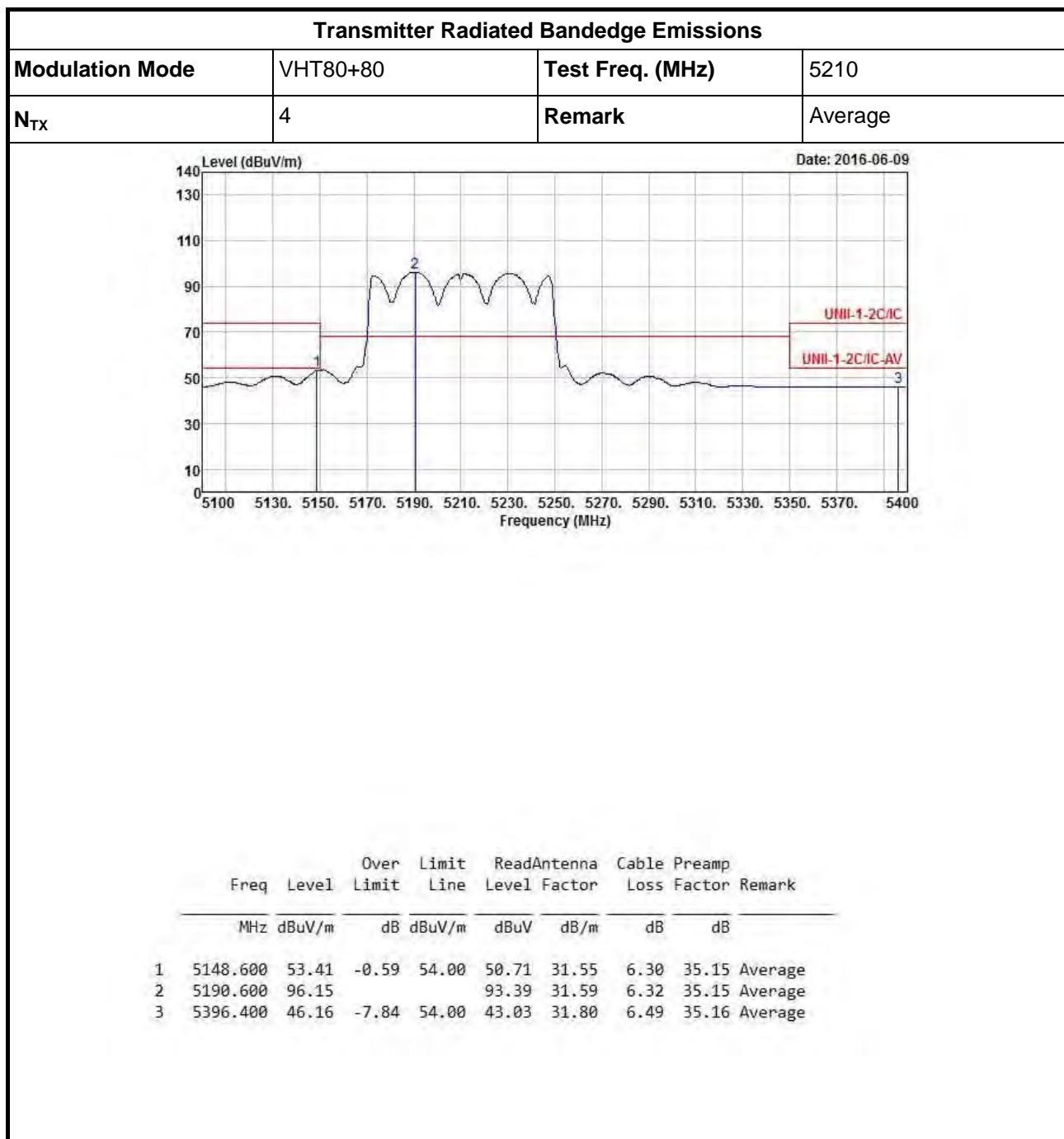
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Transmitter Radiated Bandedge Emissions

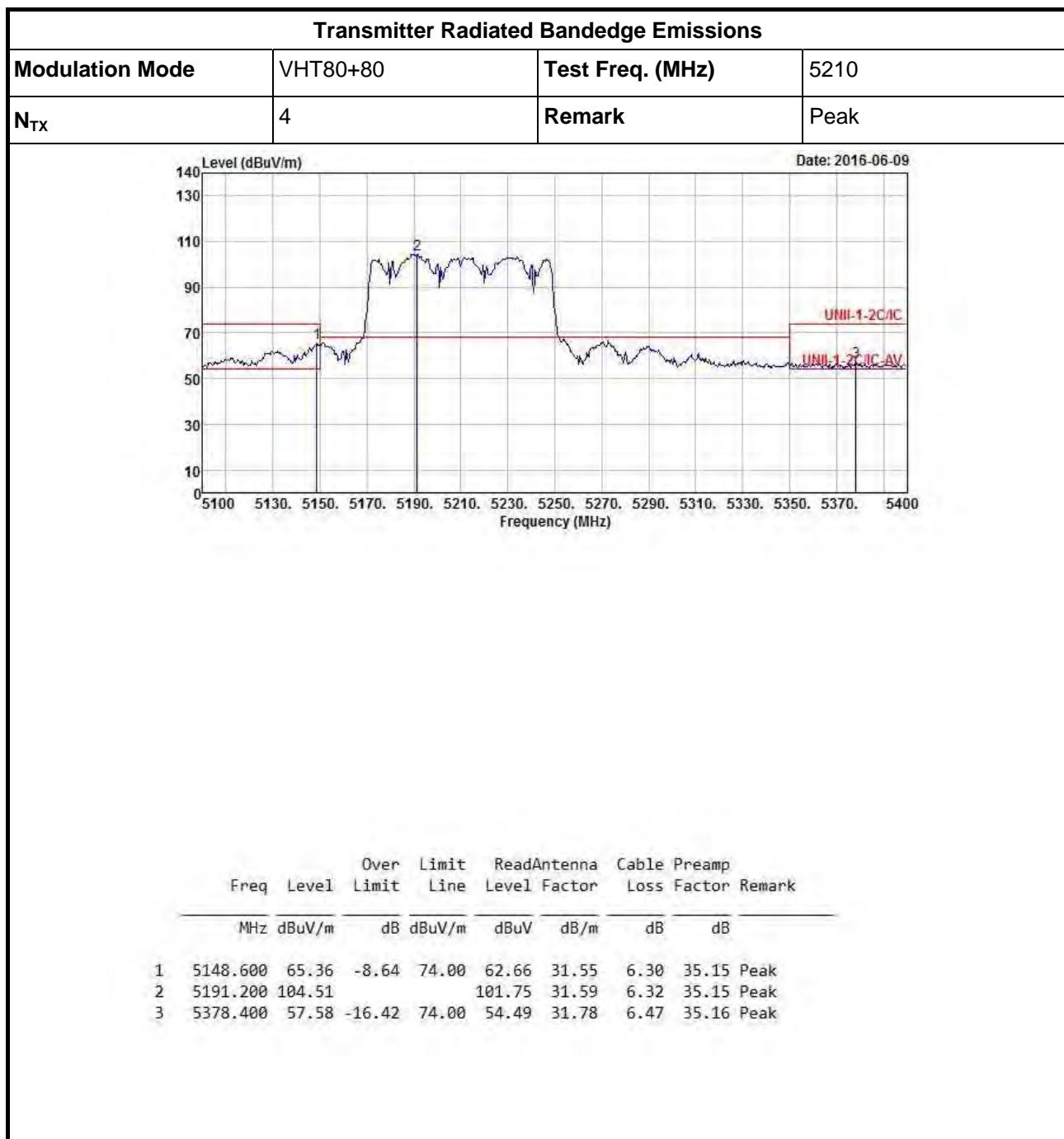
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Transmitter Radiated Bandedge Emissions

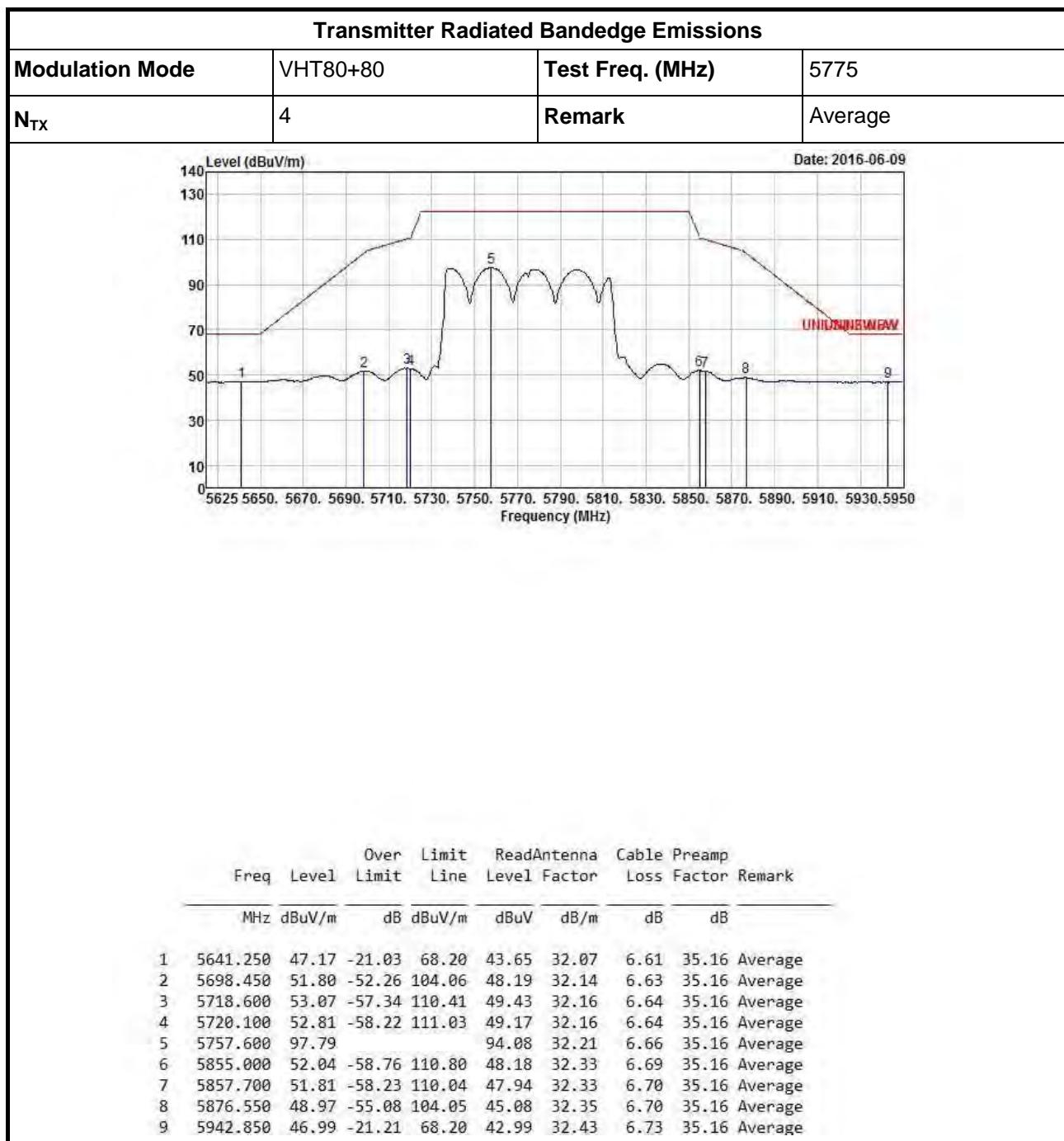
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Transmitter Radiated Bandedge Emissions

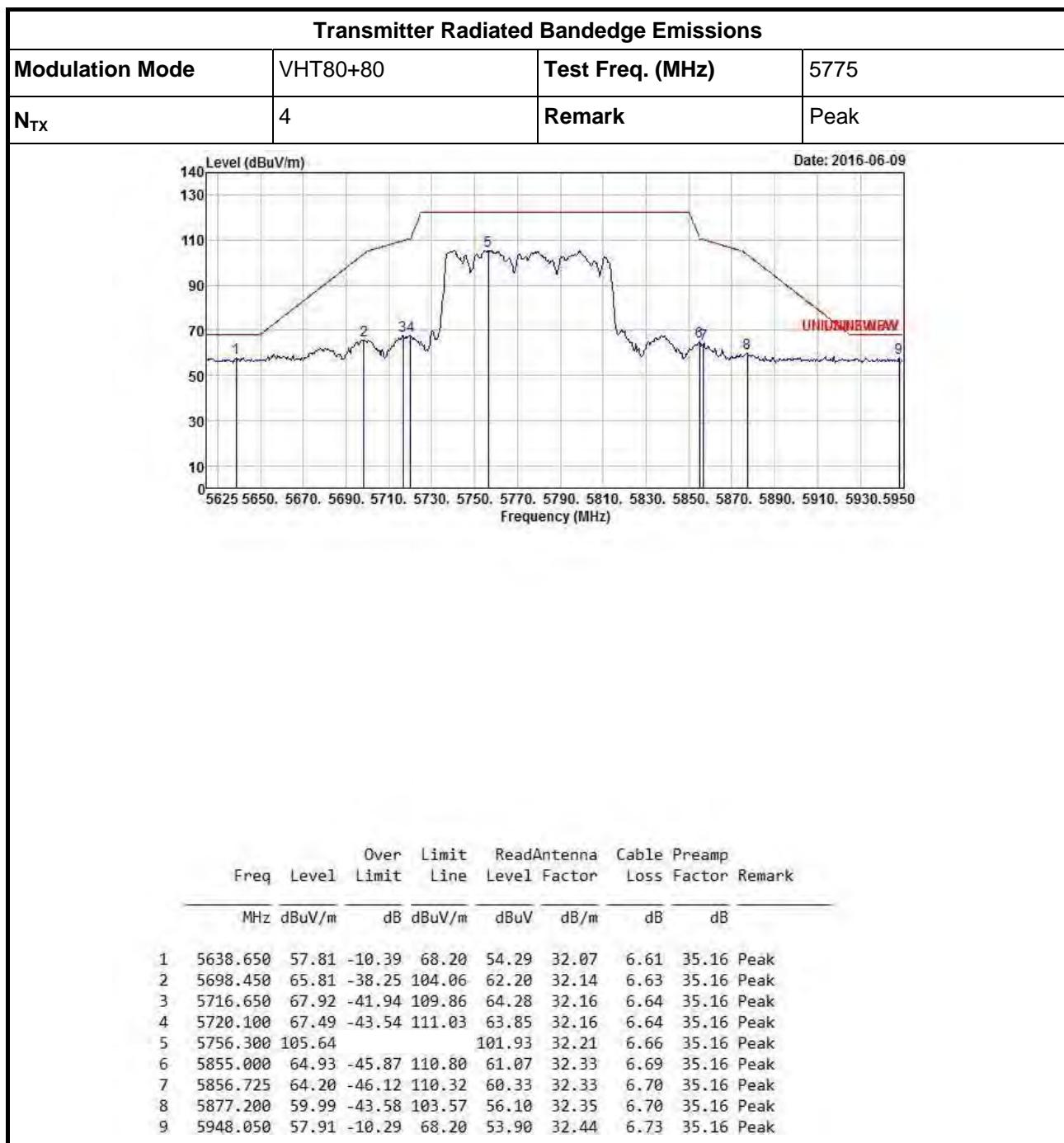
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Transmitter Radiated Bandedge Emissions

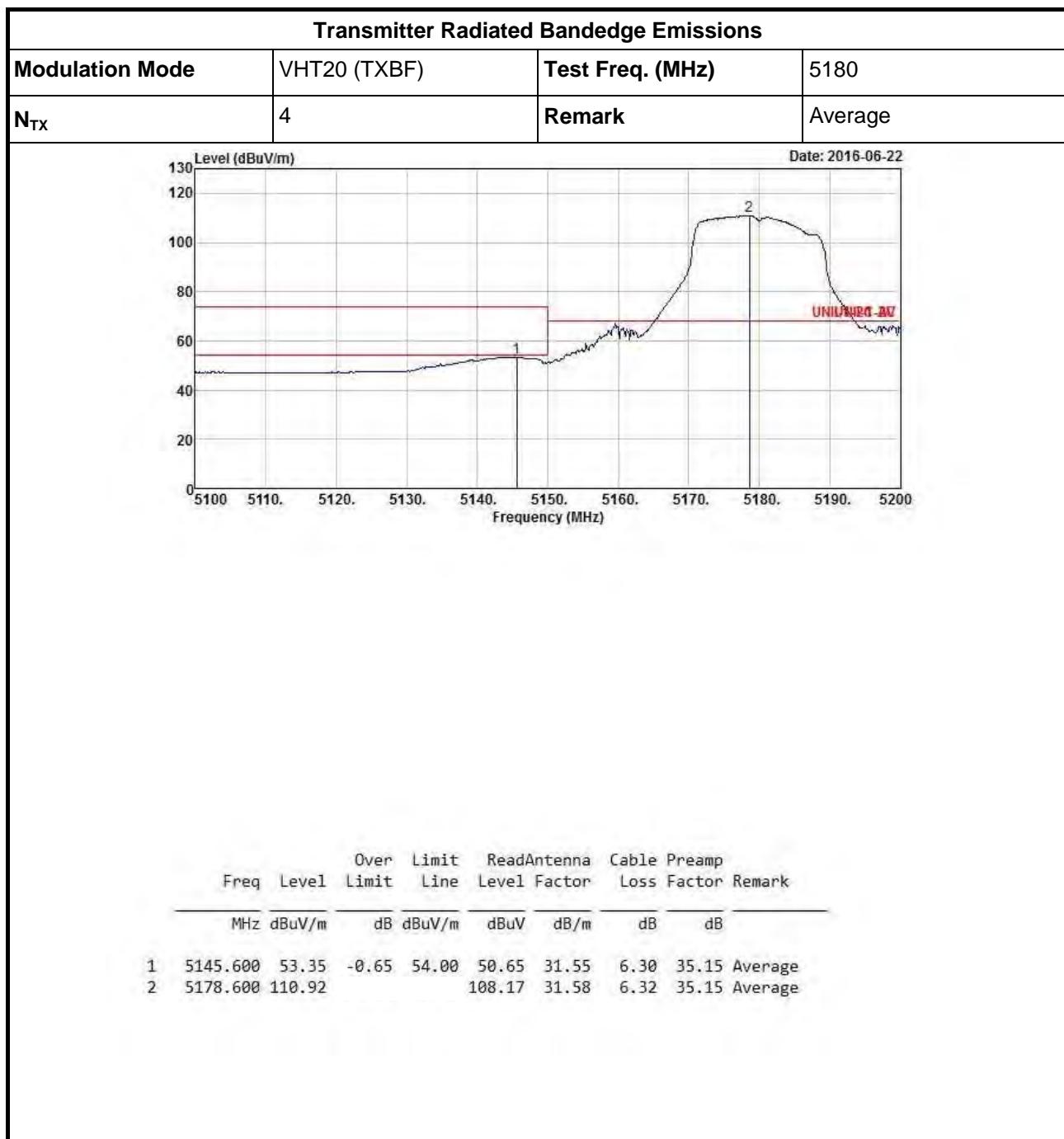
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Transmitter Radiated Bandedge Emissions

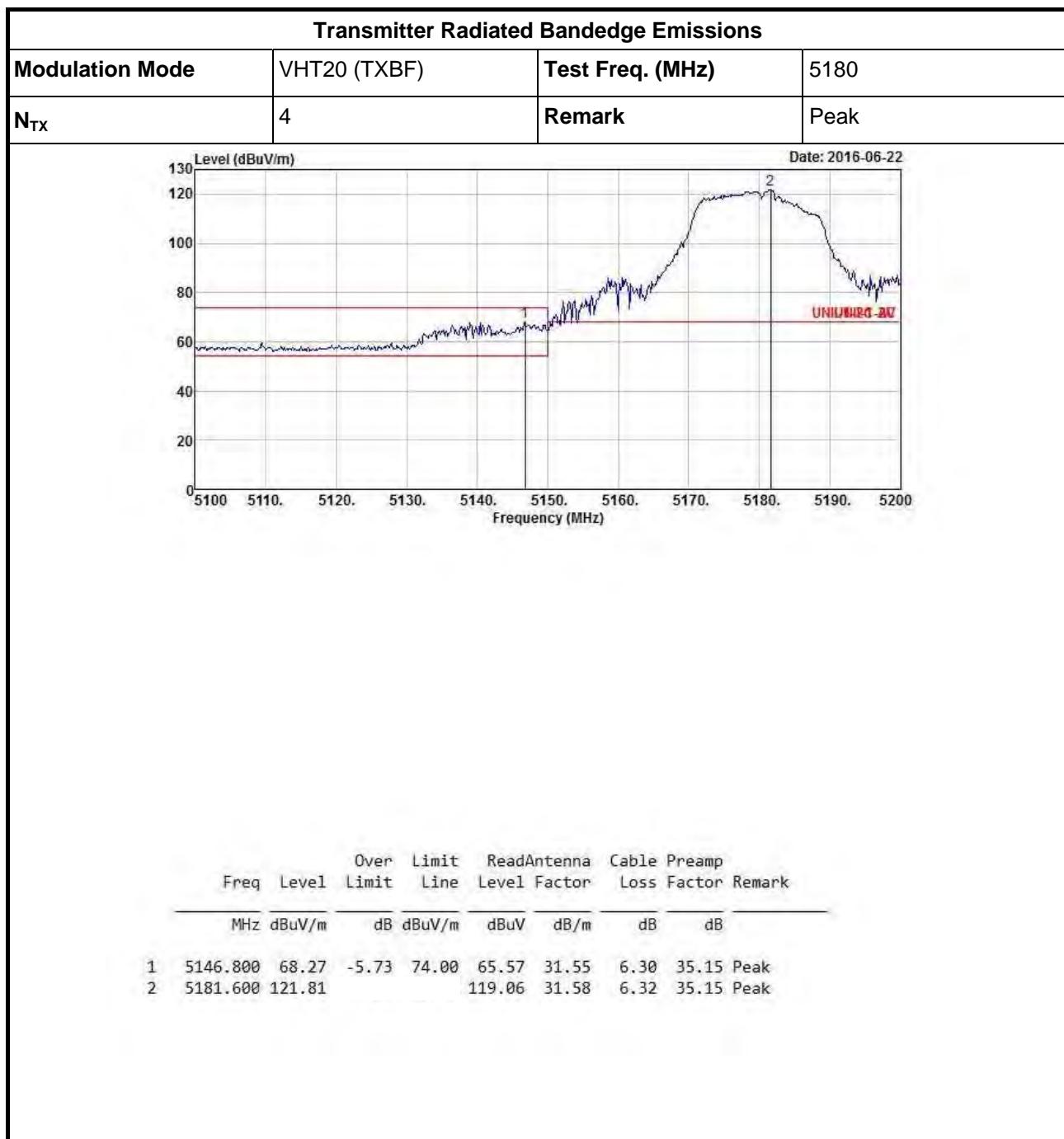
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Transmitter Radiated Bandedge Emissions

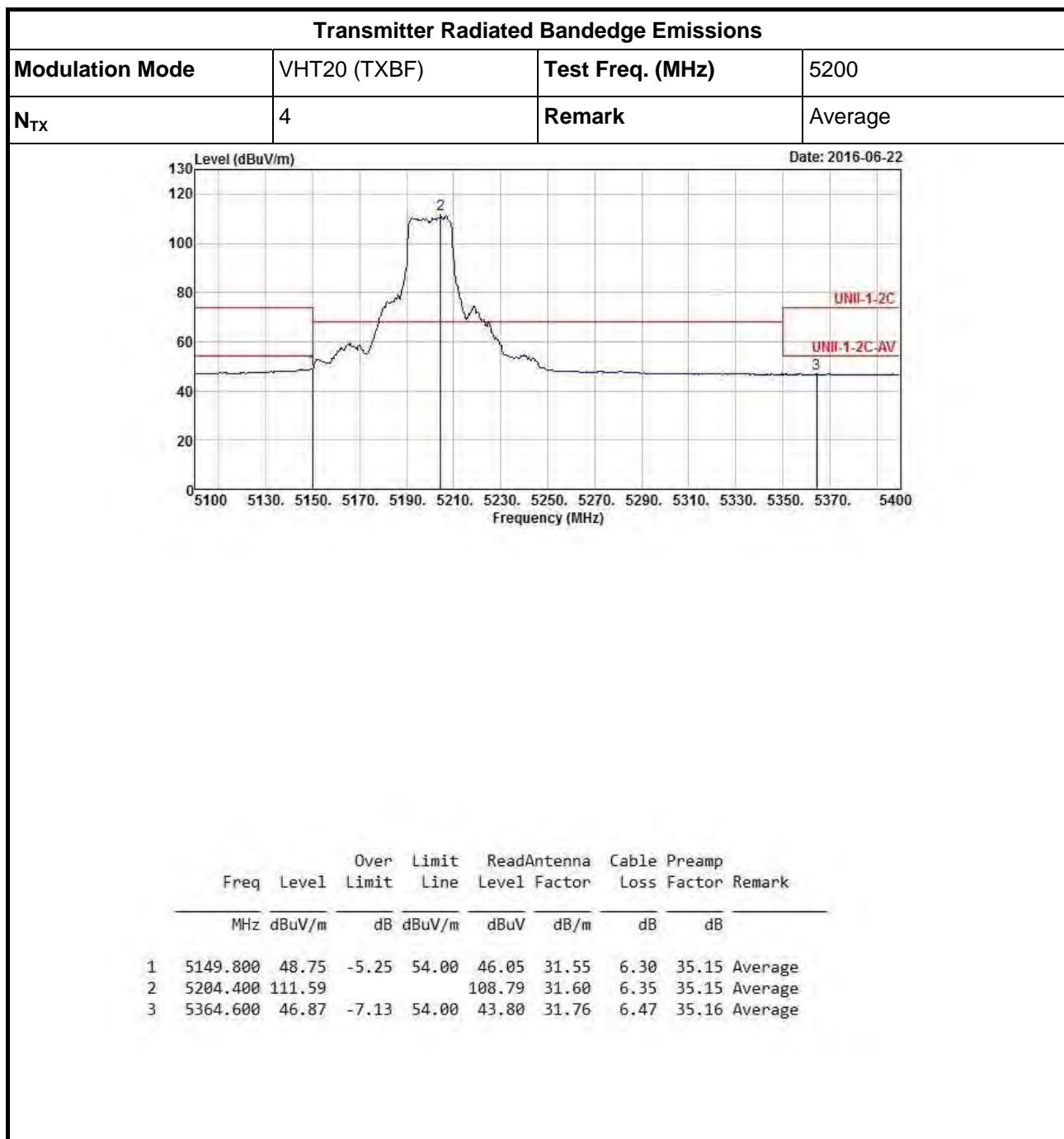
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Transmitter Radiated Bandedge Emissions

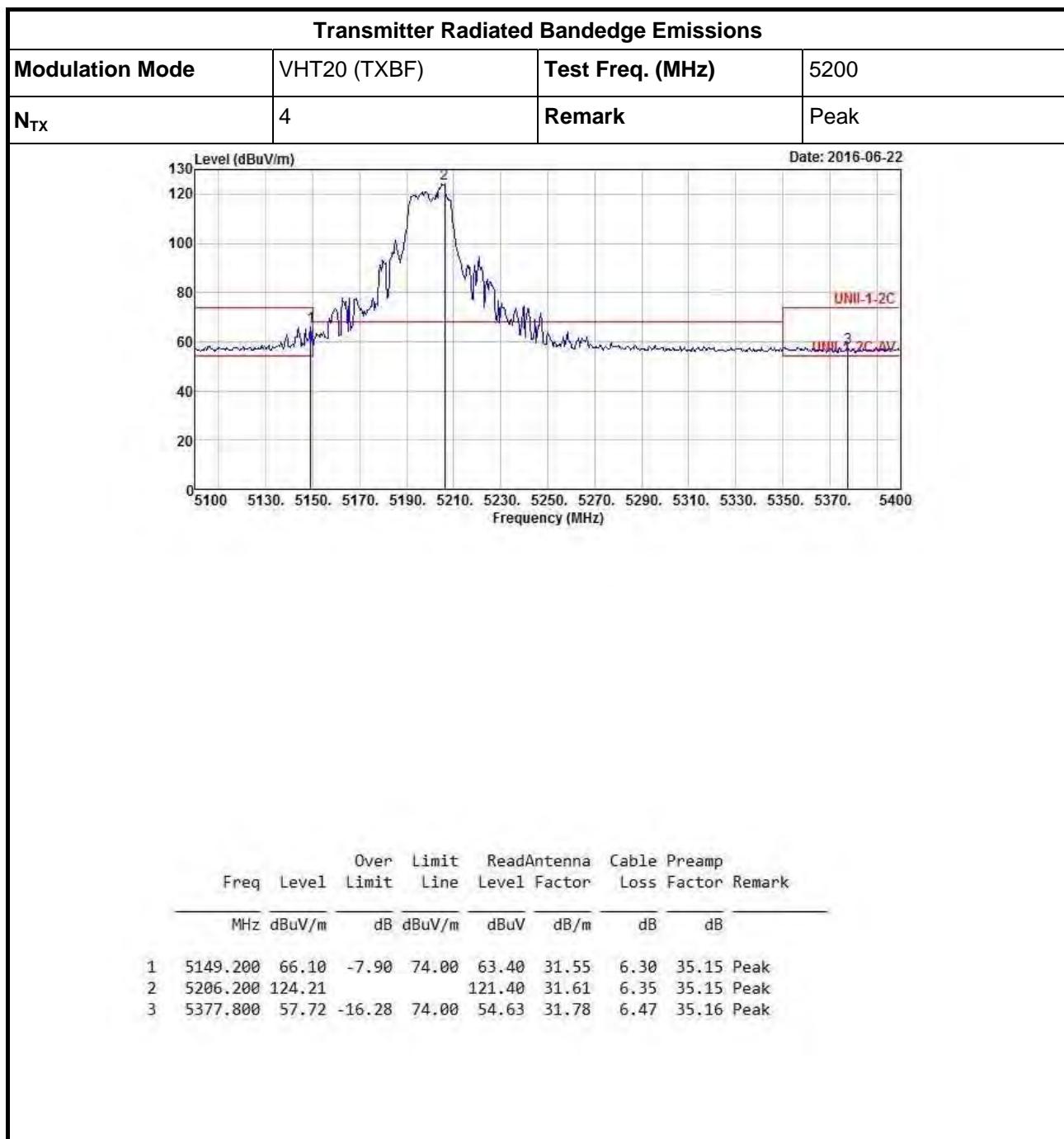
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Transmitter Radiated Bandedge Emissions

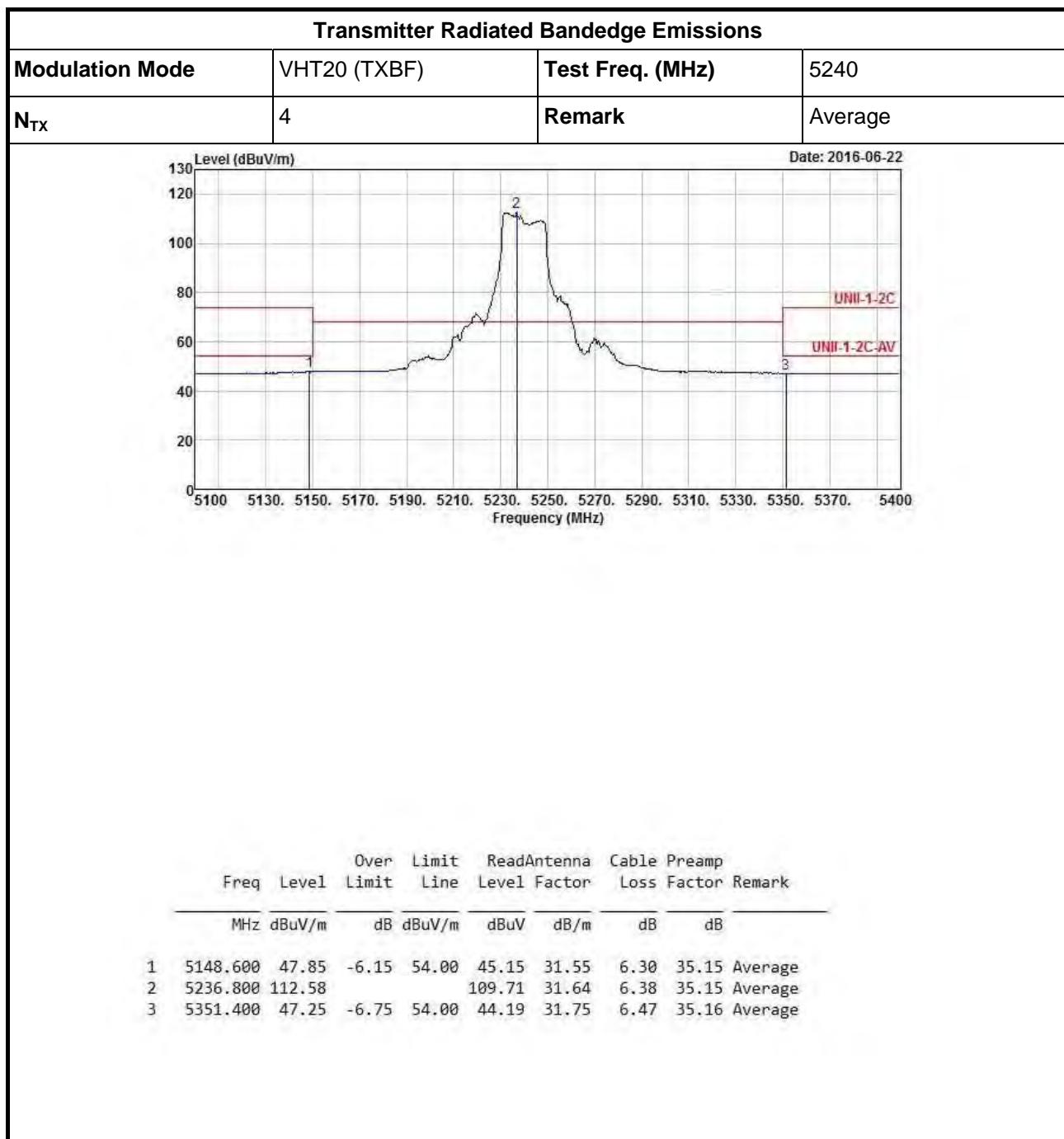
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Transmitter Radiated Bandedge Emissions

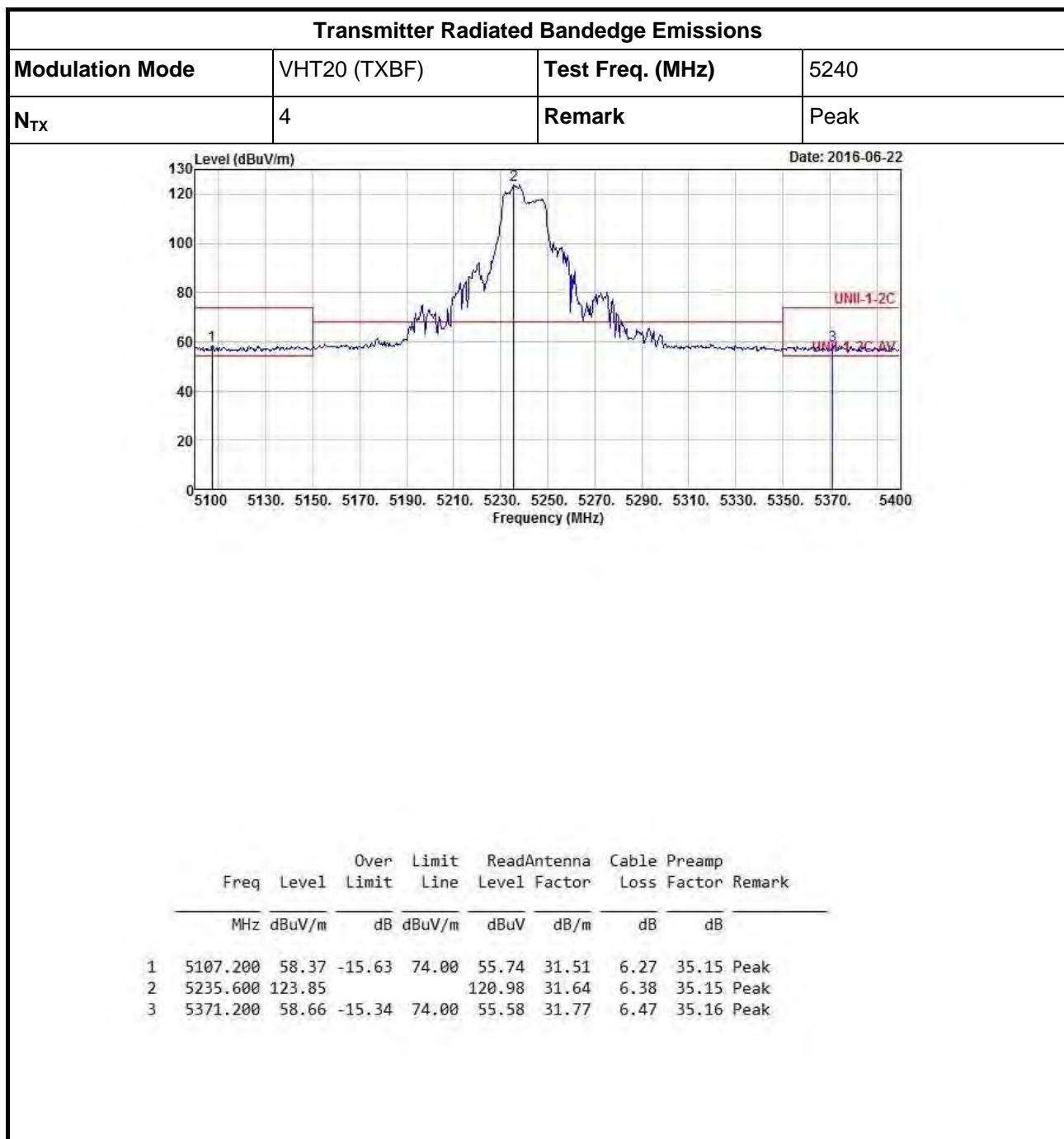
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Transmitter Radiated Bandedge Emissions

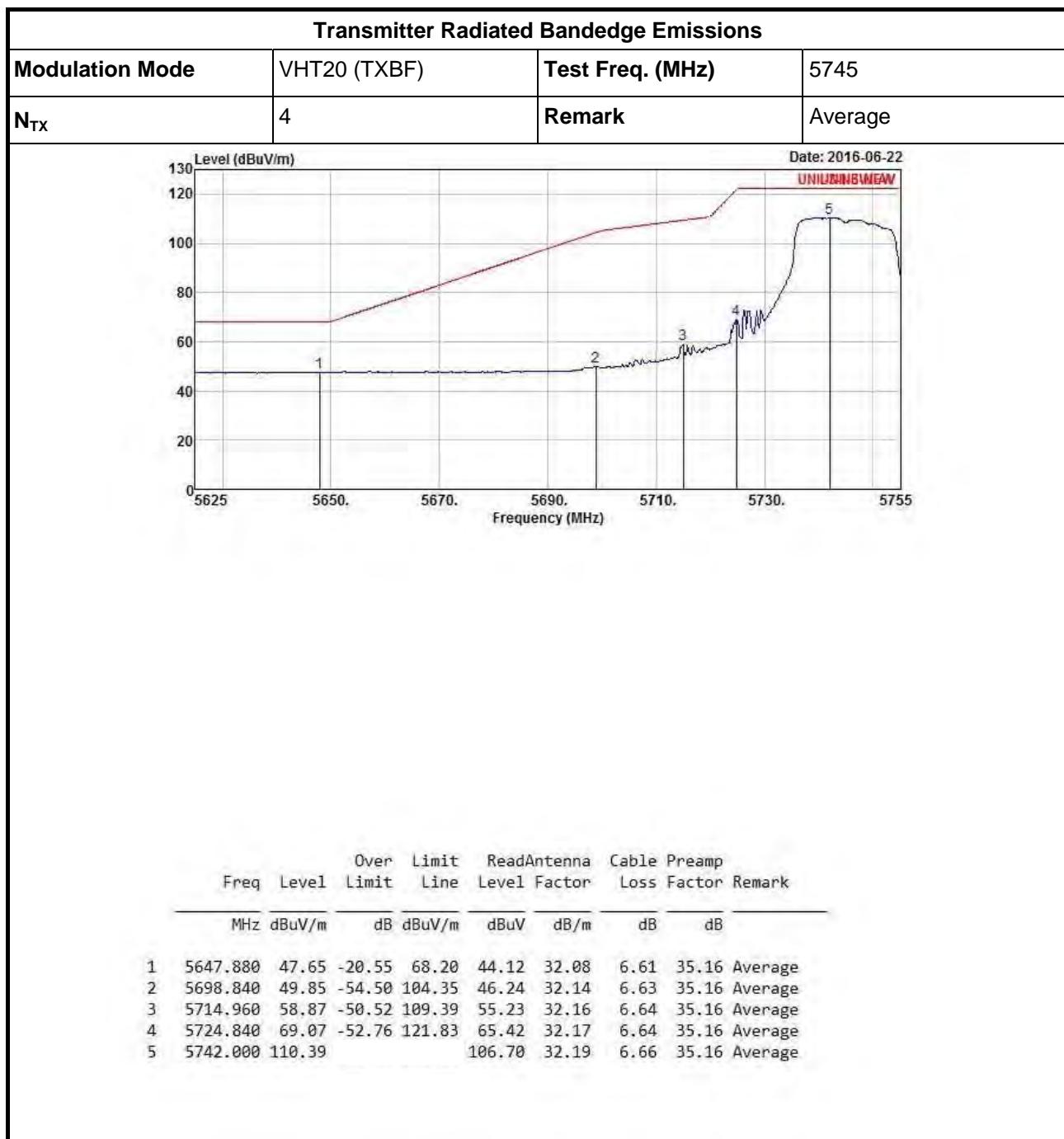
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Transmitter Radiated Bandedge Emissions

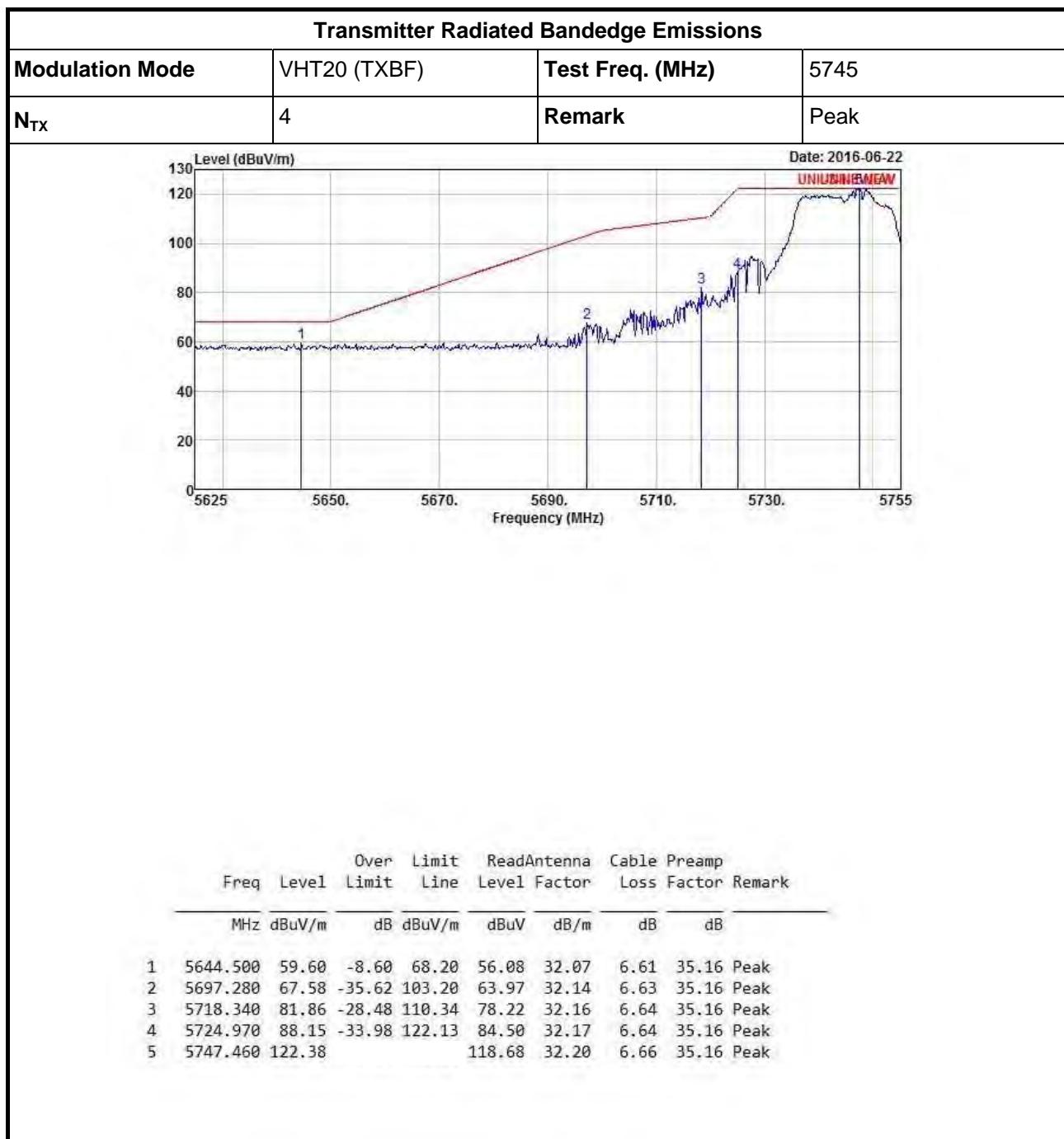
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Transmitter Radiated Bandedge Emissions

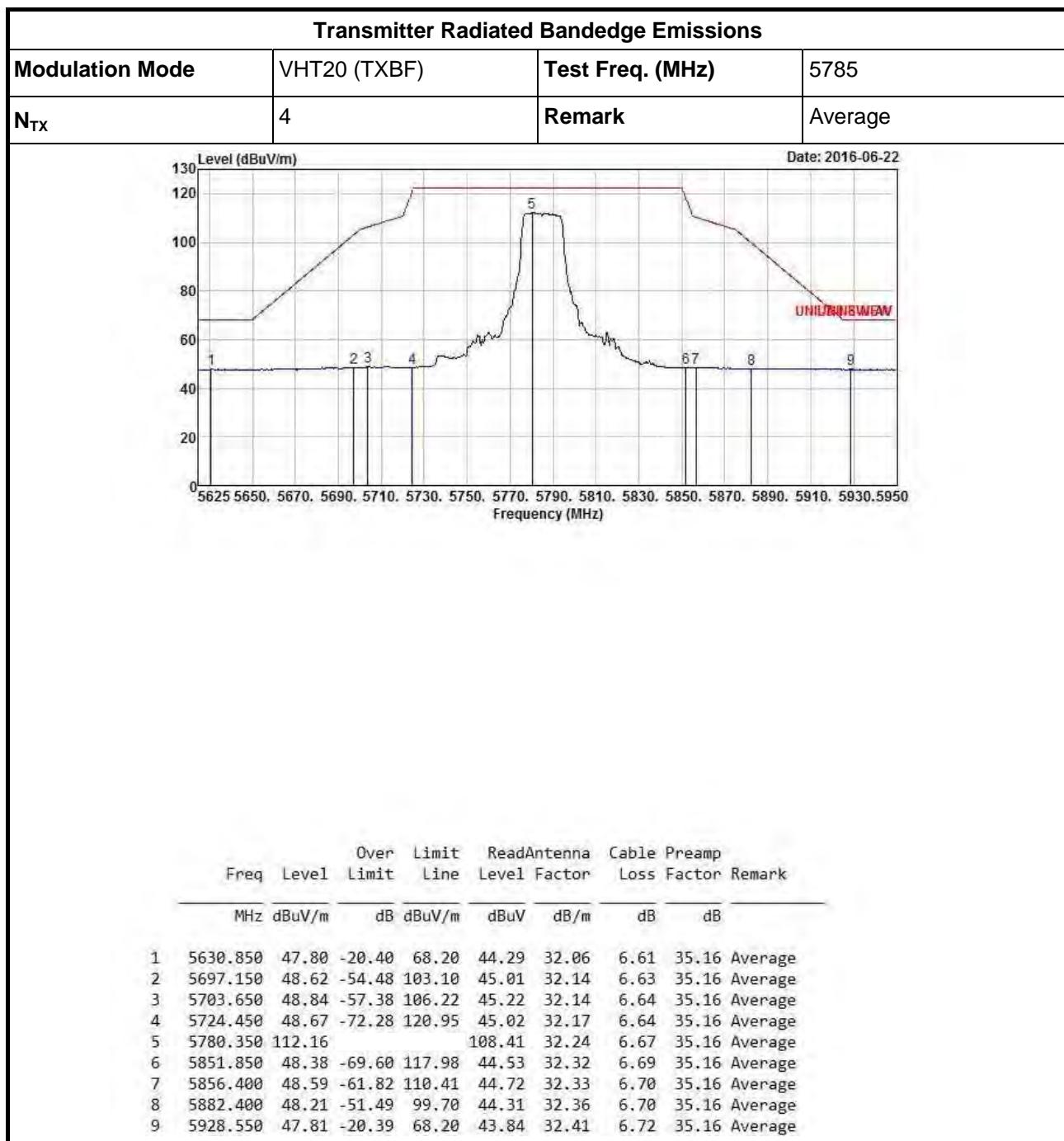
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Transmitter Radiated Bandedge Emissions

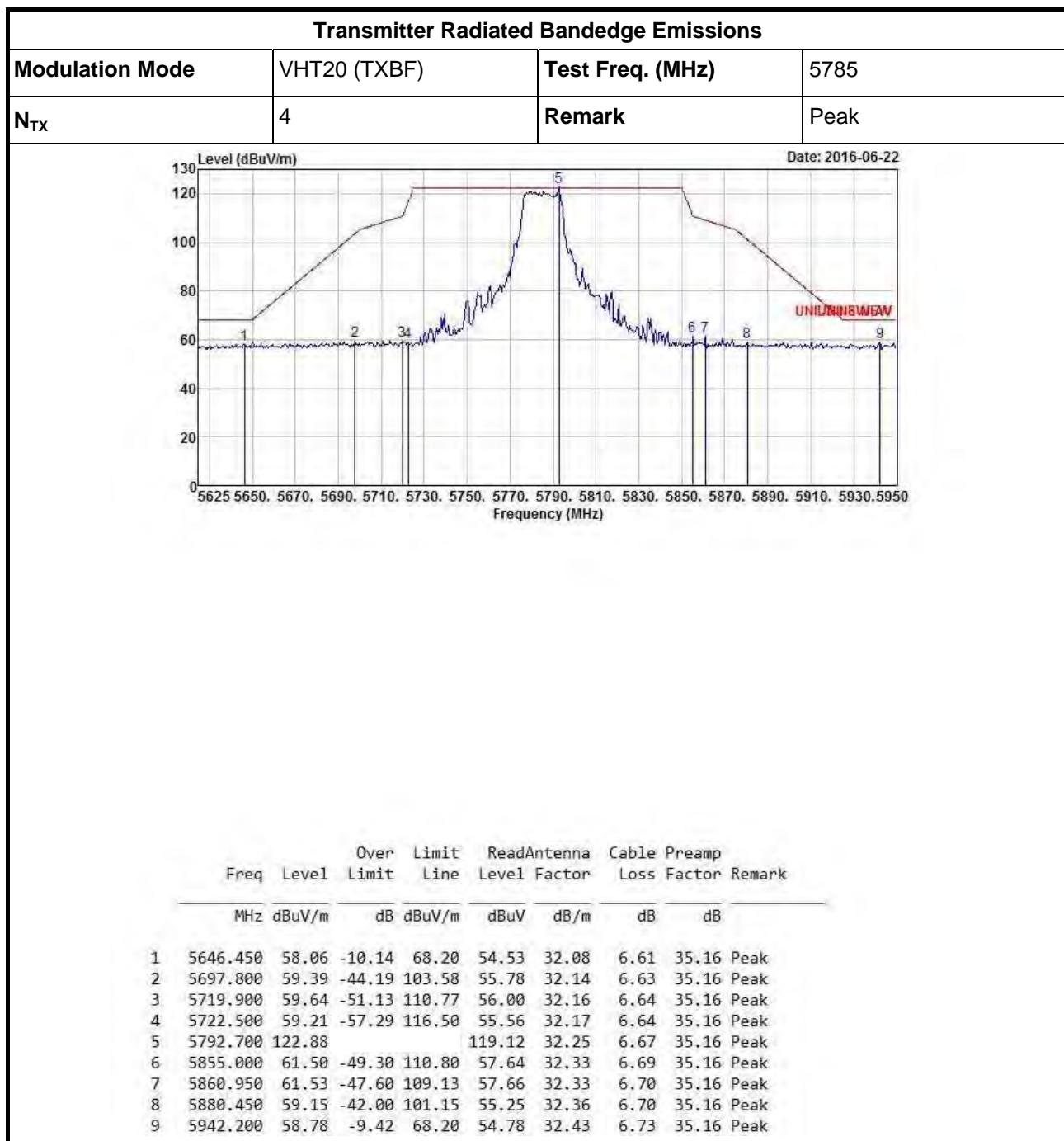
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Transmitter Radiated Bandedge Emissions

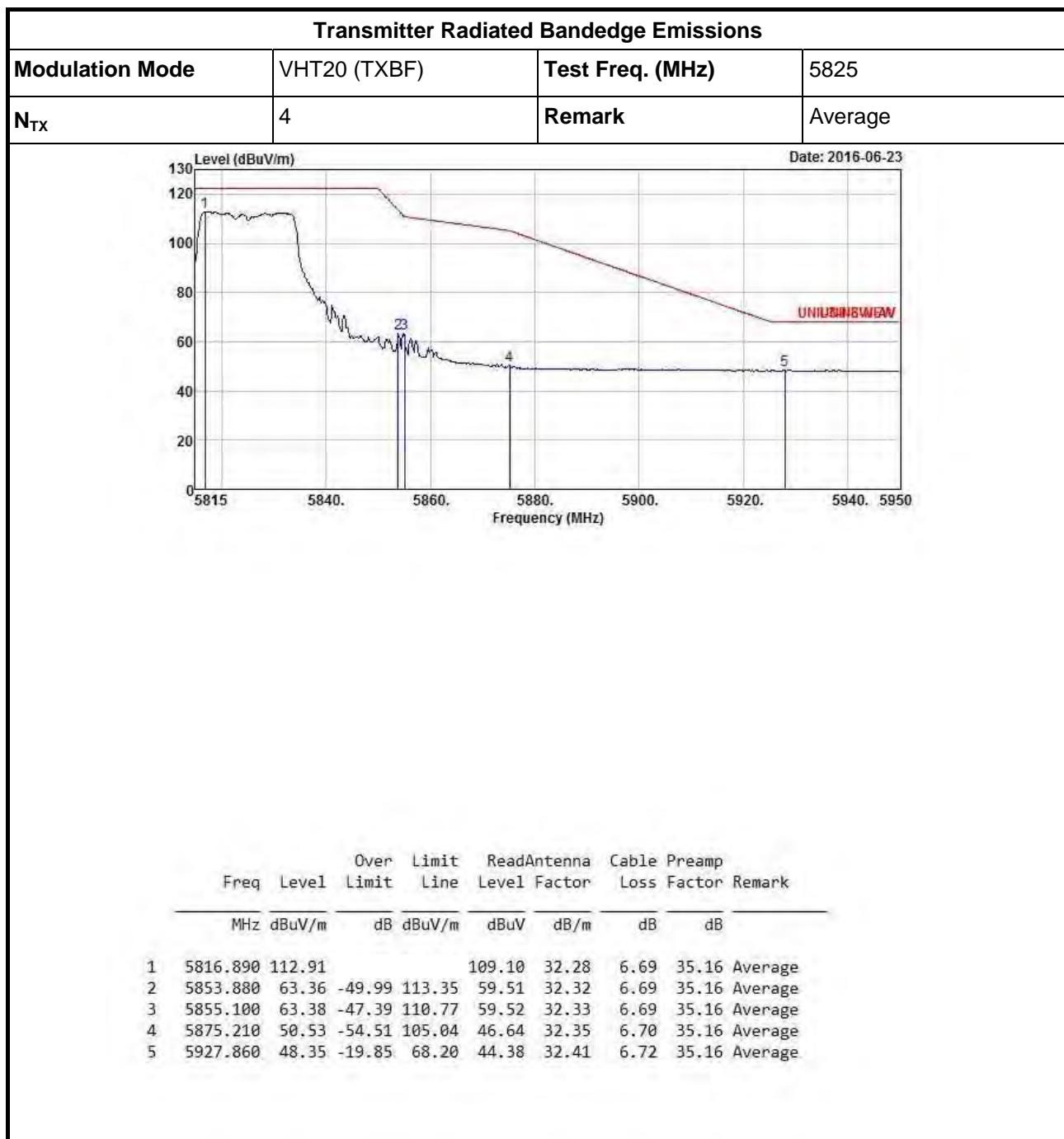
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Transmitter Radiated Bandedge Emissions

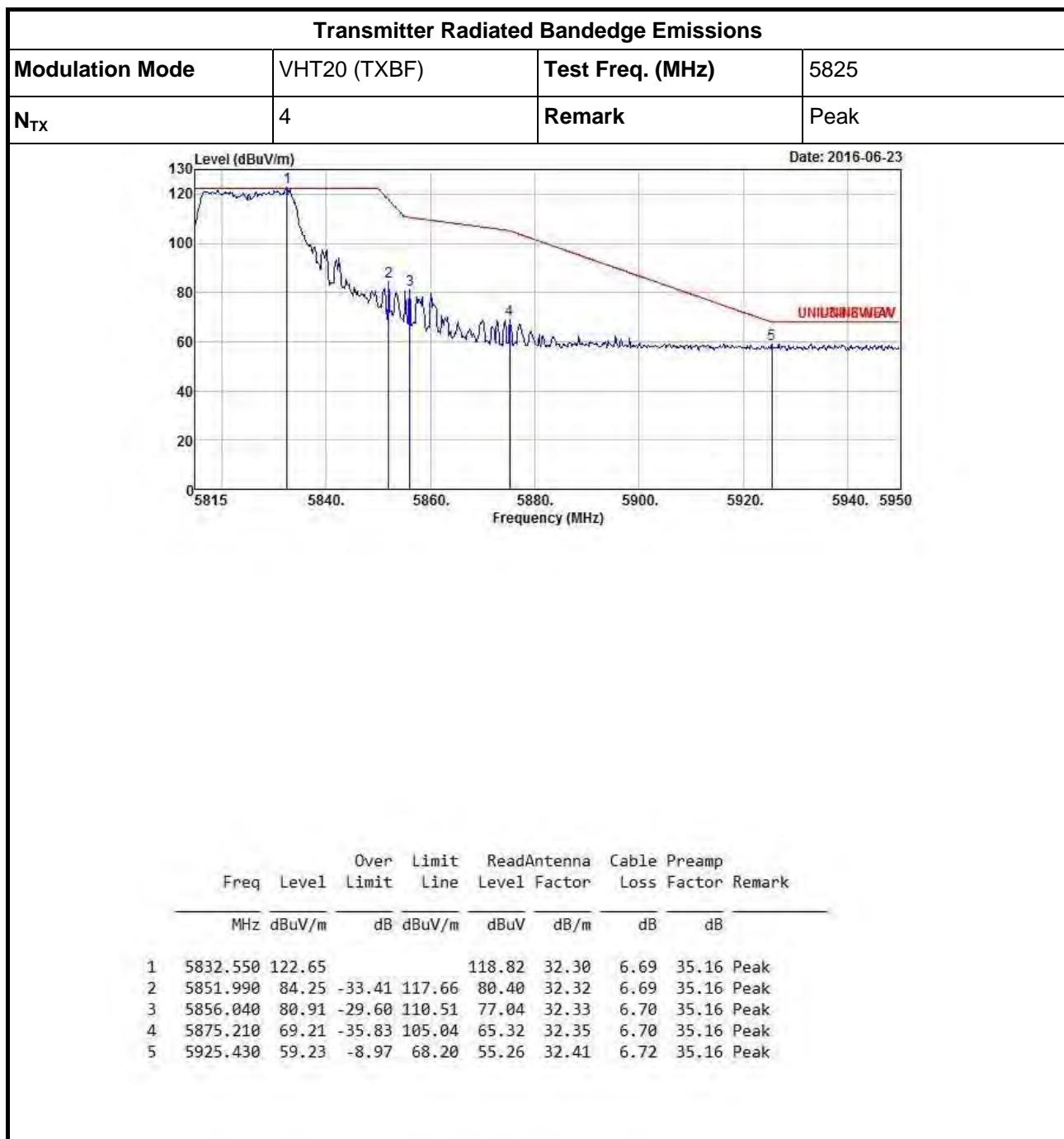
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Transmitter Radiated Bandedge Emissions

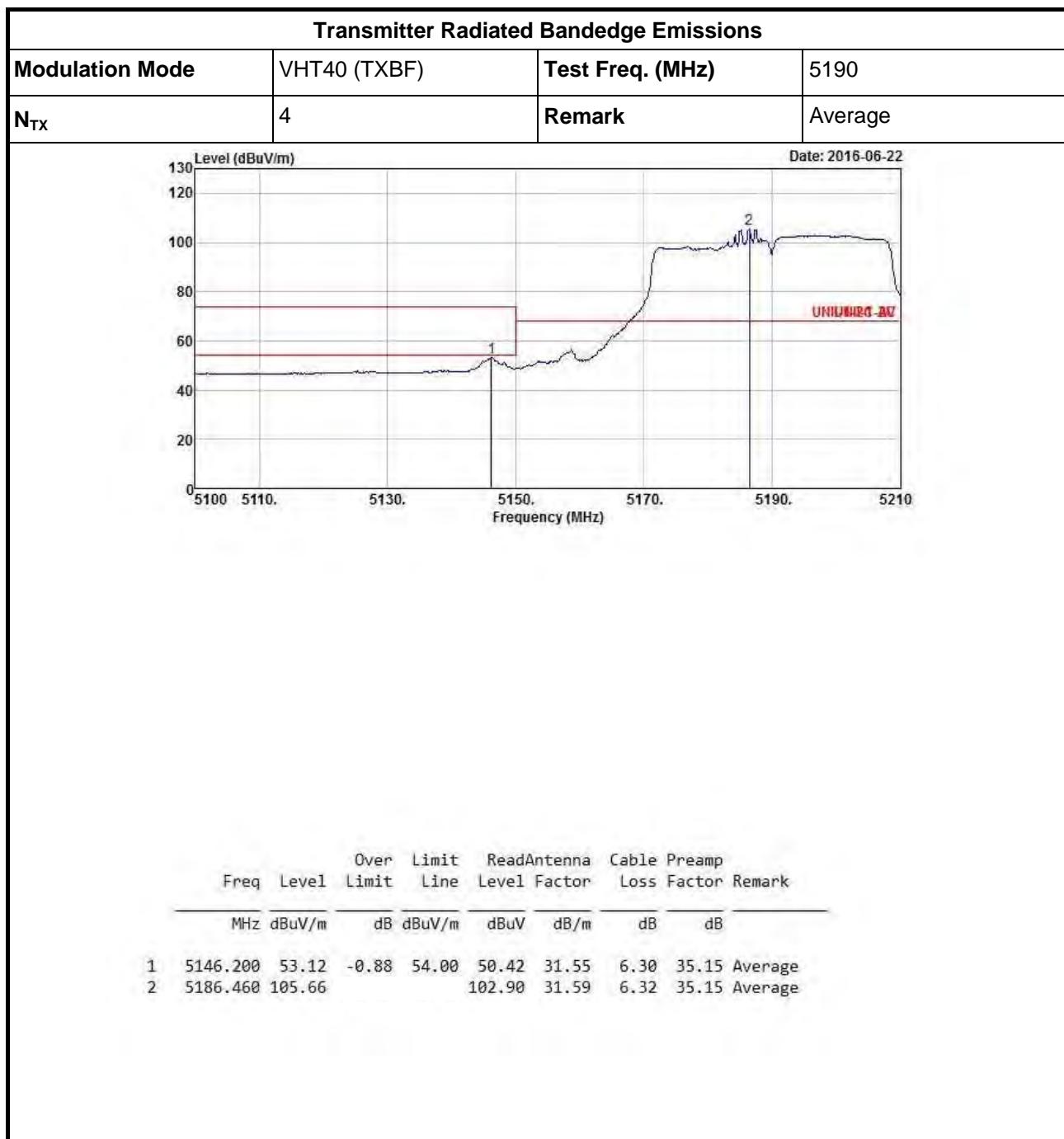
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Transmitter Radiated Bandedge Emissions

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Transmitter Radiated Bandedge Emissions

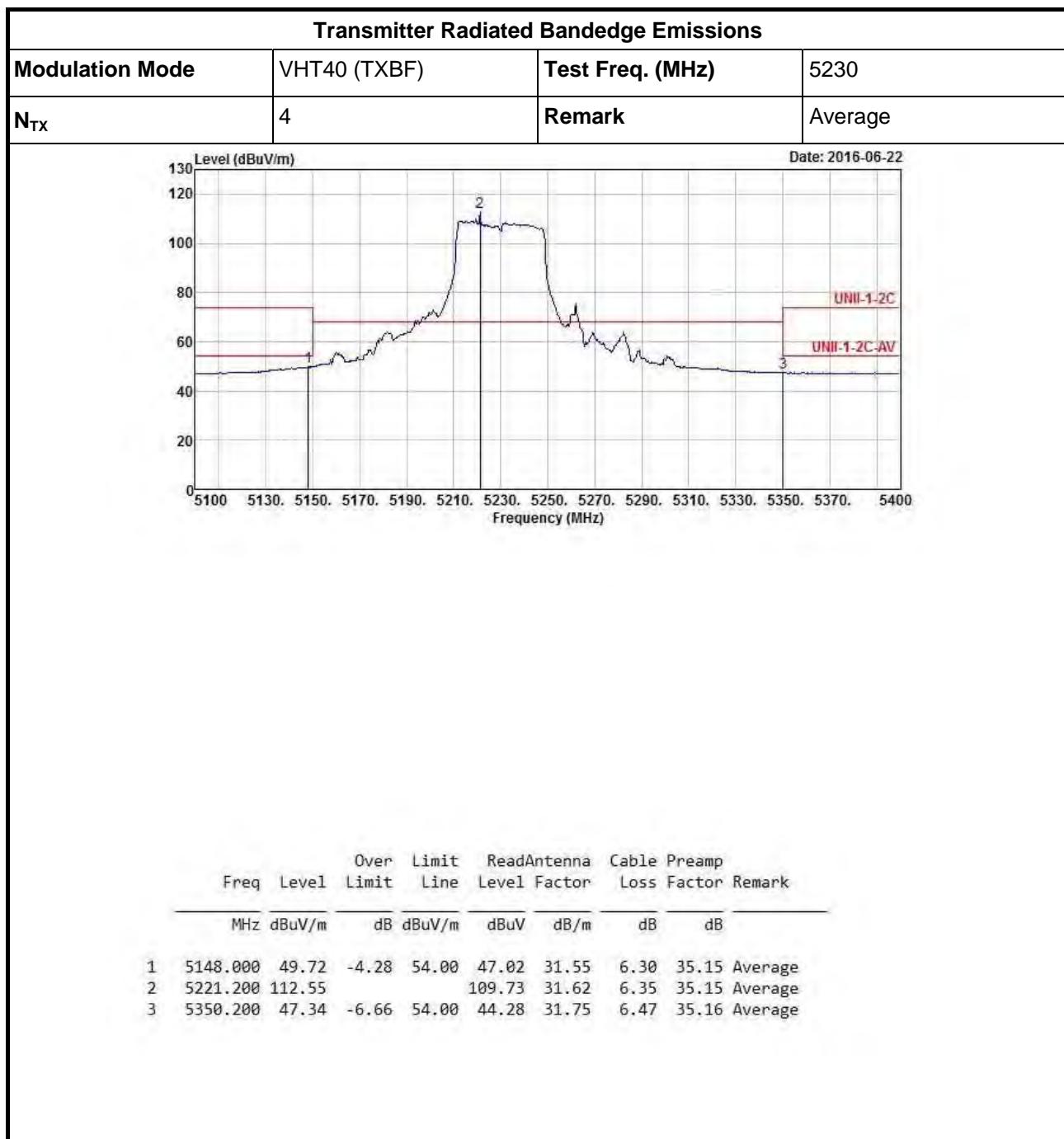
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Transmitter Radiated Bandedge Emissions

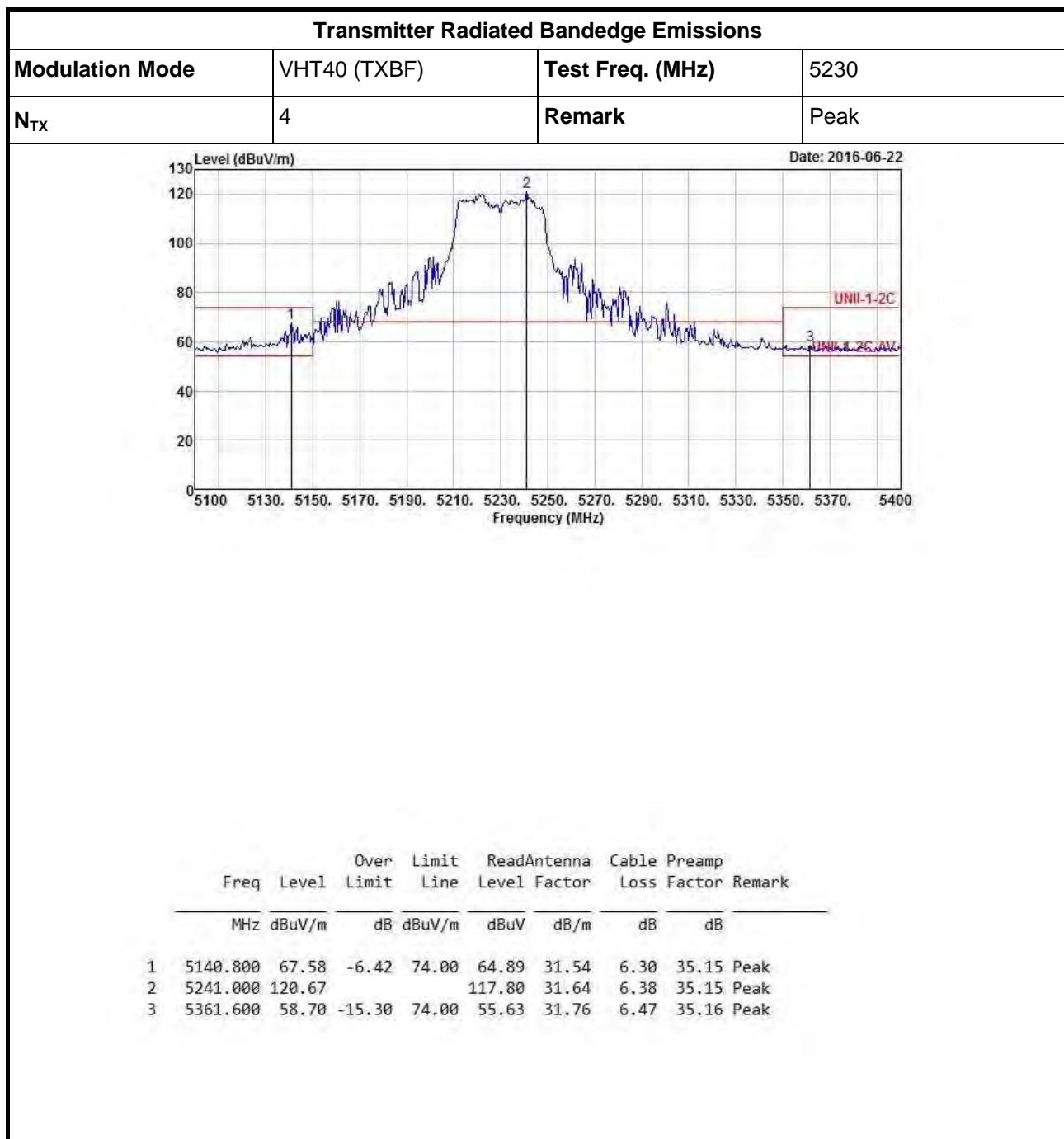
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Transmitter Radiated Bandedge Emissions

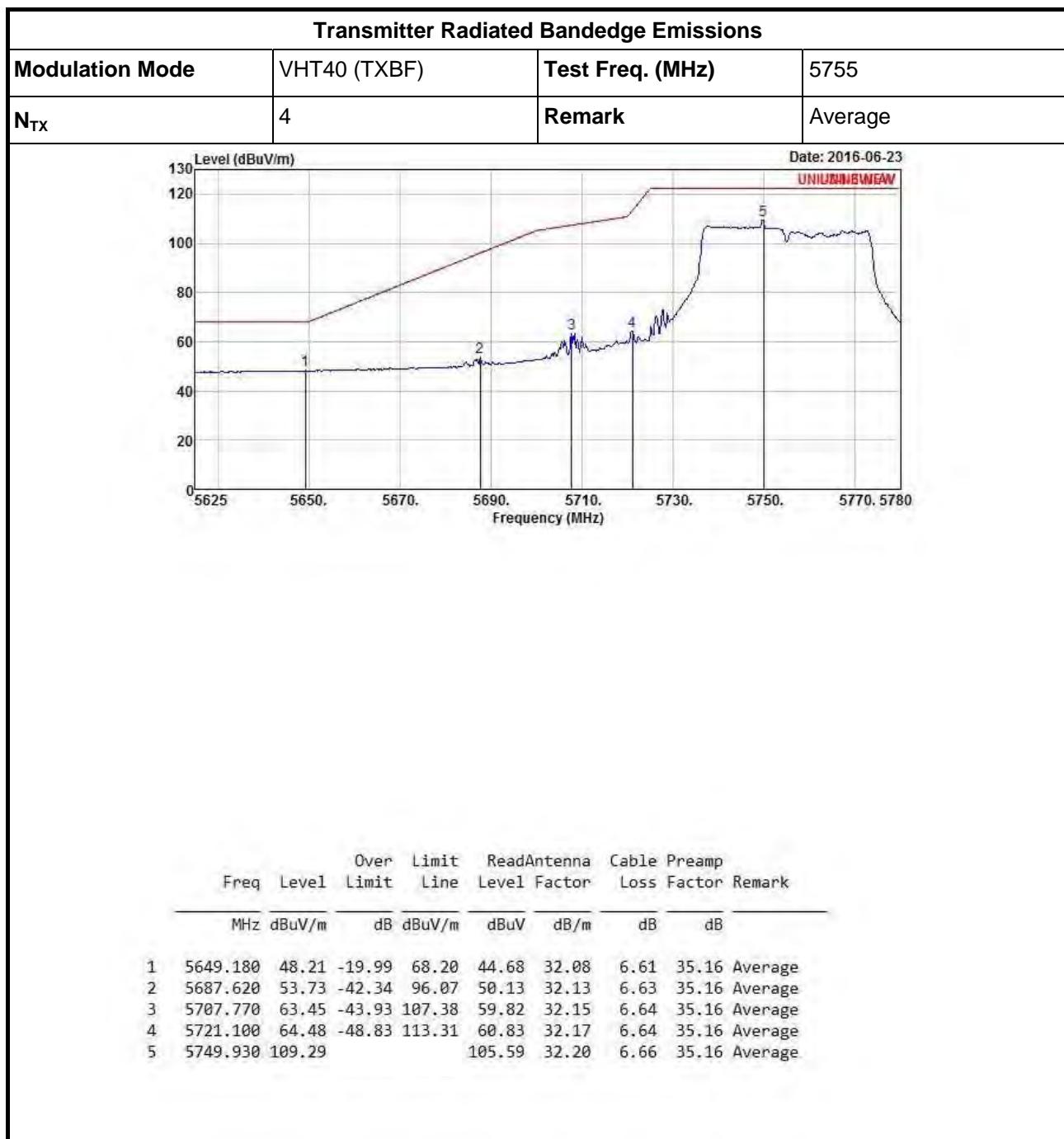
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Transmitter Radiated Bandedge Emissions

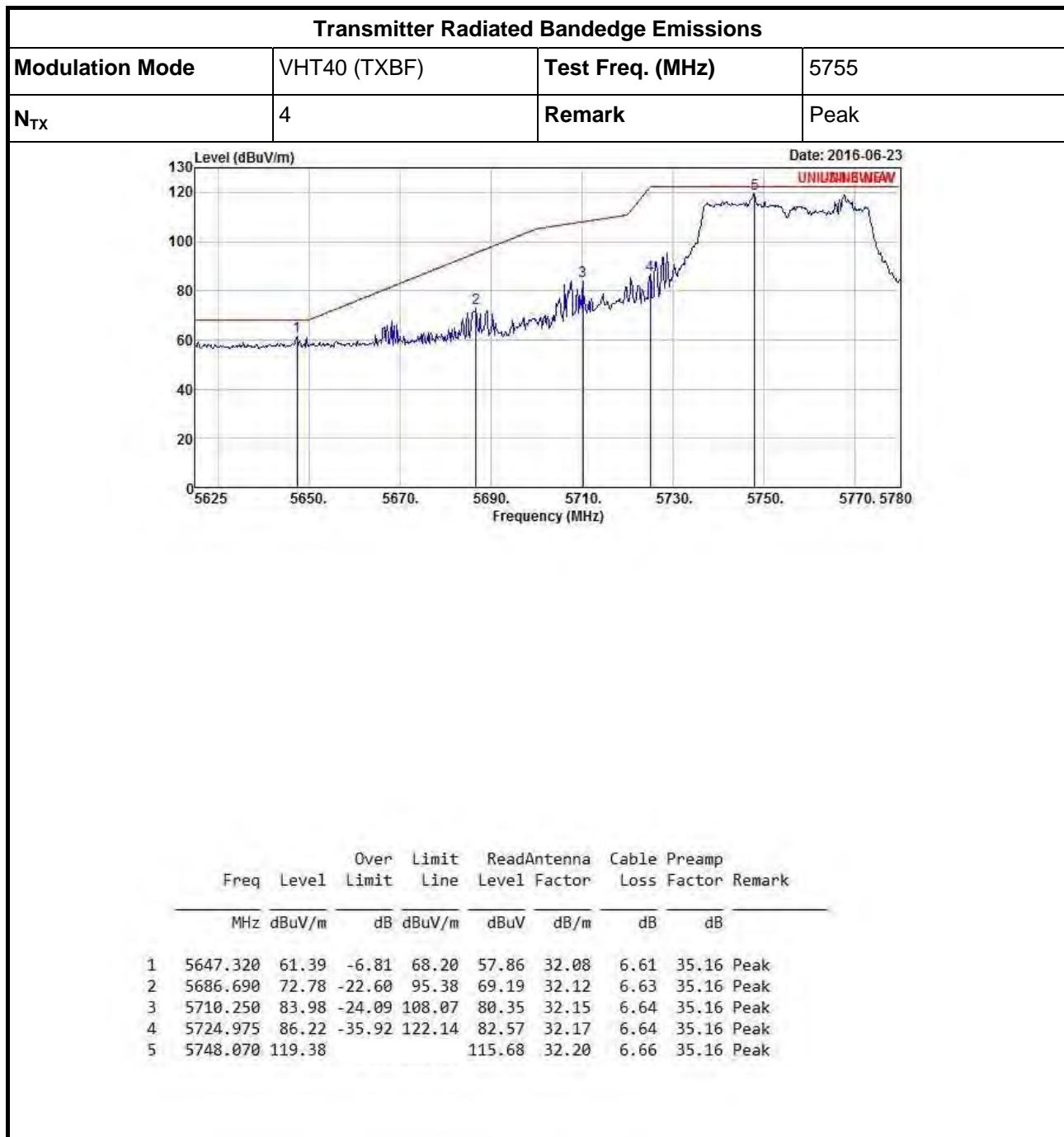
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Transmitter Radiated Bandedge Emissions

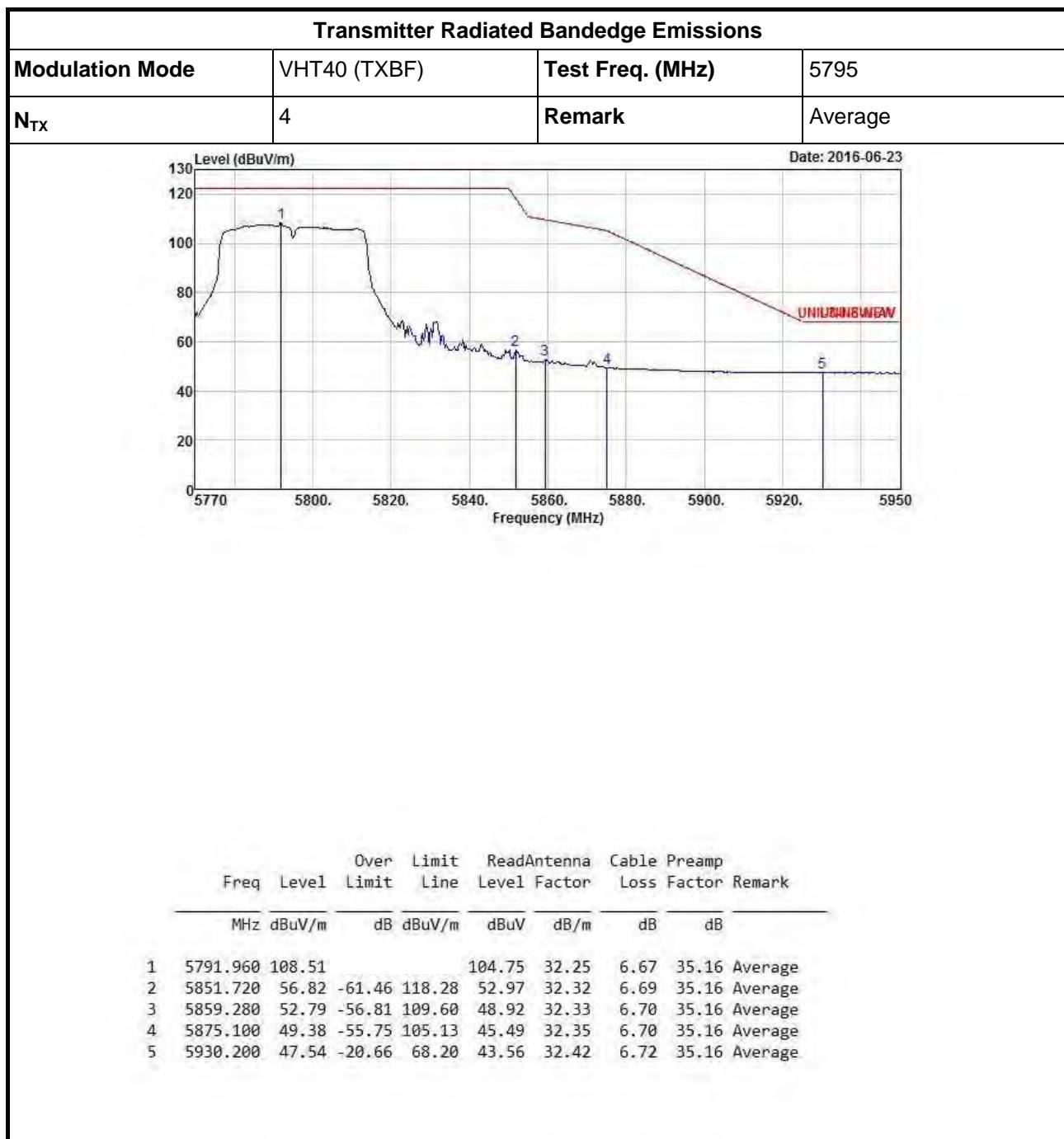
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Transmitter Radiated Bandedge Emissions

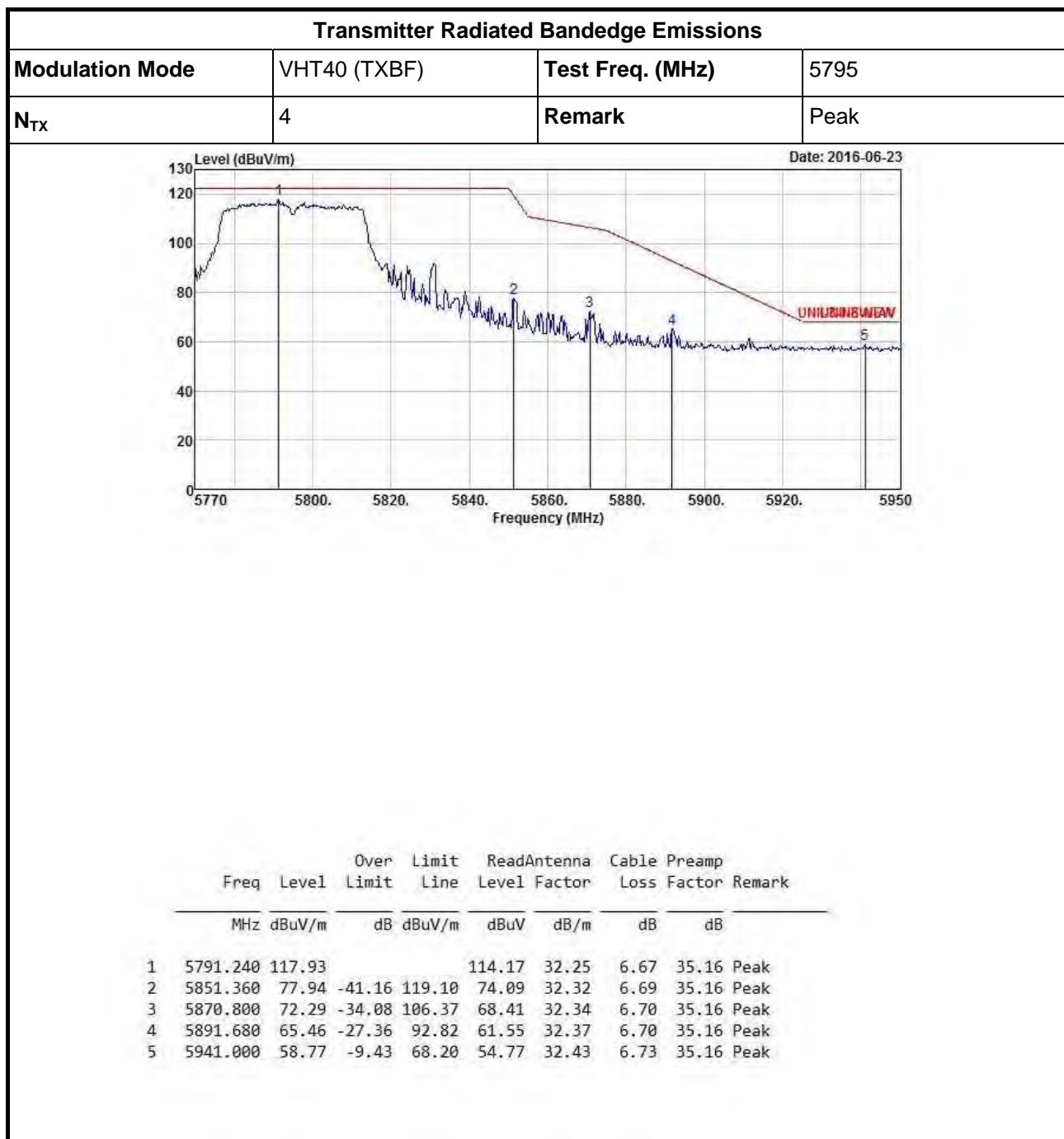
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Transmitter Radiated Bandedge Emissions

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Transmitter Radiated Bandedge Emissions

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Modulation Mode	VHT80 (TxBF)	Test Freq. (MHz)	5210																																								
N_{TX}	4	Remark	Average																																								
<p>Level (dBuV/m)</p> <p>Date: 2016-06-22</p> <p>Frequency (MHz)</p> <p>UNII-1-2C</p> <p>UNII-1-2C-AVG</p>																																											
<table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>Limit Line</th><th>ReadAntenna Level</th><th>Cable Factor</th><th>Preamp Loss</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th></tr></thead><tbody><tr><td>1</td><td>5145.000</td><td>53.11</td><td>-0.89</td><td>54.00</td><td>50.41</td><td>31.55</td><td>6.30 35.15 Average</td></tr><tr><td>2</td><td>5187.000</td><td>101.88</td><td></td><td></td><td>99.12</td><td>31.59</td><td>6.32 35.15 Average</td></tr><tr><td>3</td><td>5355.600</td><td>46.93</td><td>-7.07</td><td>54.00</td><td>43.86</td><td>31.76</td><td>6.47 35.16 Average</td></tr></tbody></table>				Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	1	5145.000	53.11	-0.89	54.00	50.41	31.55	6.30 35.15 Average	2	5187.000	101.88			99.12	31.59	6.32 35.15 Average	3	5355.600	46.93	-7.07	54.00	43.86	31.76	6.47 35.16 Average
Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Remark																																				
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB																																				
1	5145.000	53.11	-0.89	54.00	50.41	31.55	6.30 35.15 Average																																				
2	5187.000	101.88			99.12	31.59	6.32 35.15 Average																																				
3	5355.600	46.93	-7.07	54.00	43.86	31.76	6.47 35.16 Average																																				



Transmitter Radiated Bandedge Emissions

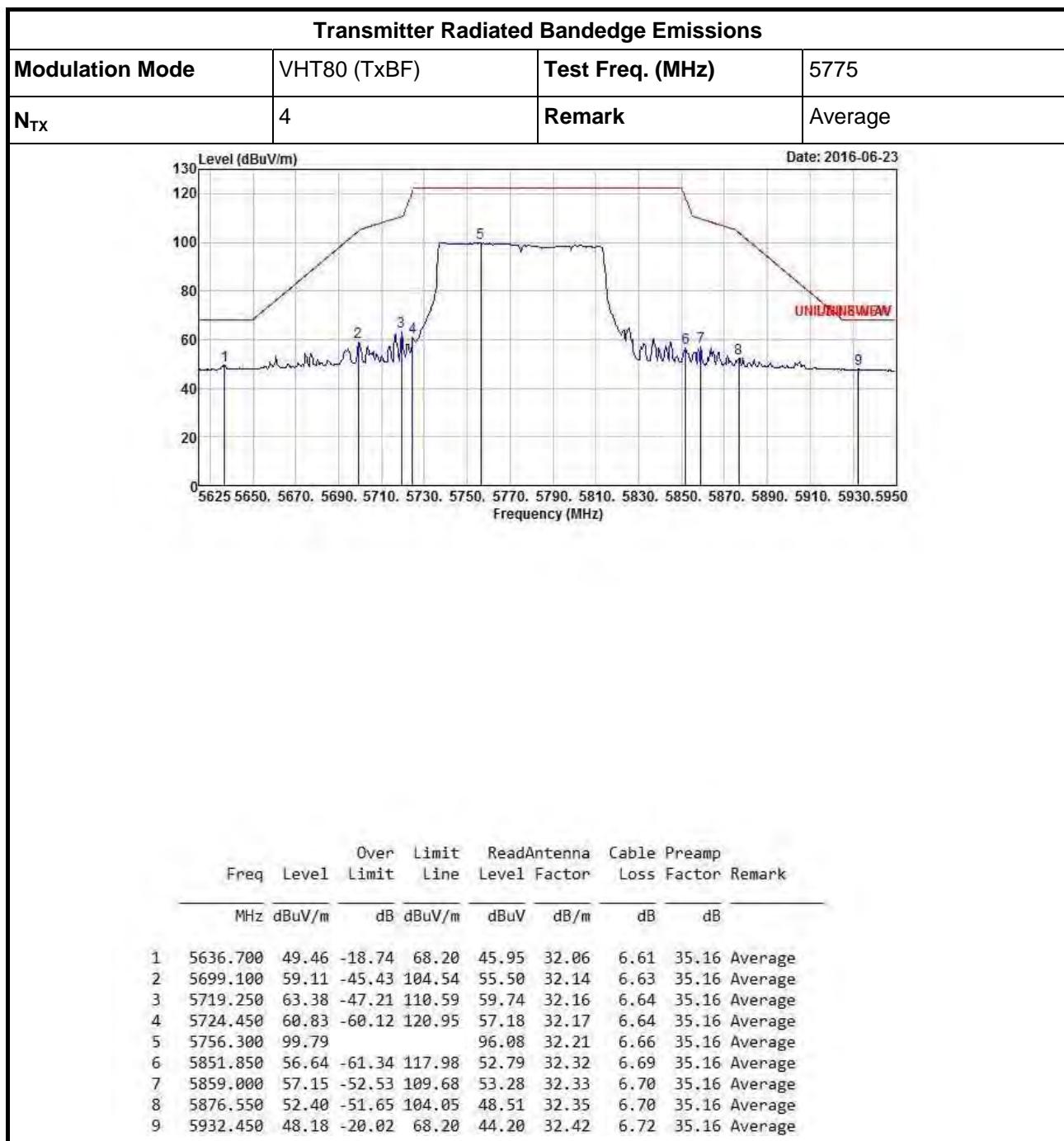
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Transmitter Radiated Bandedge Emissions

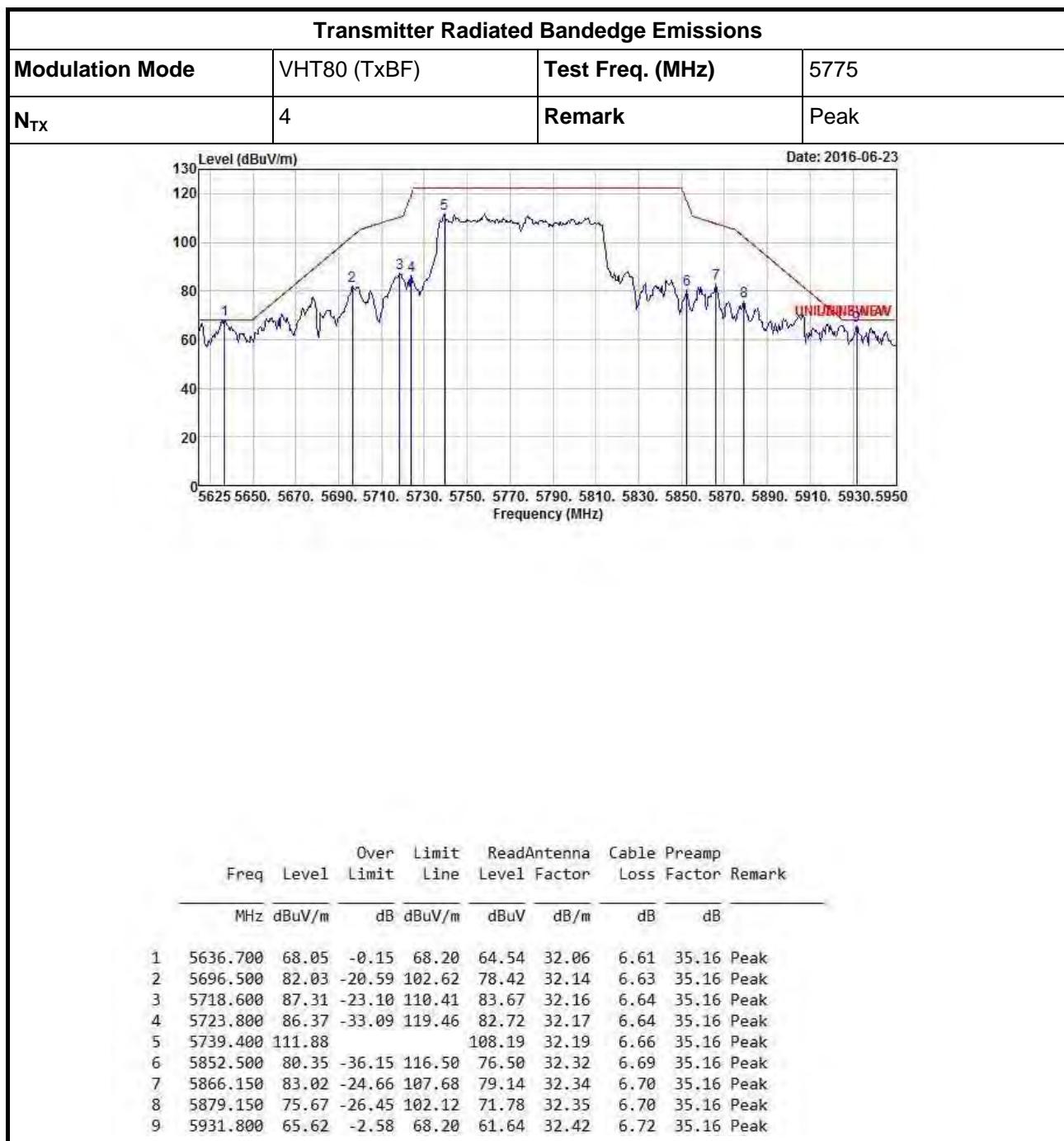
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Transmitter Radiated Bandedge Emissions

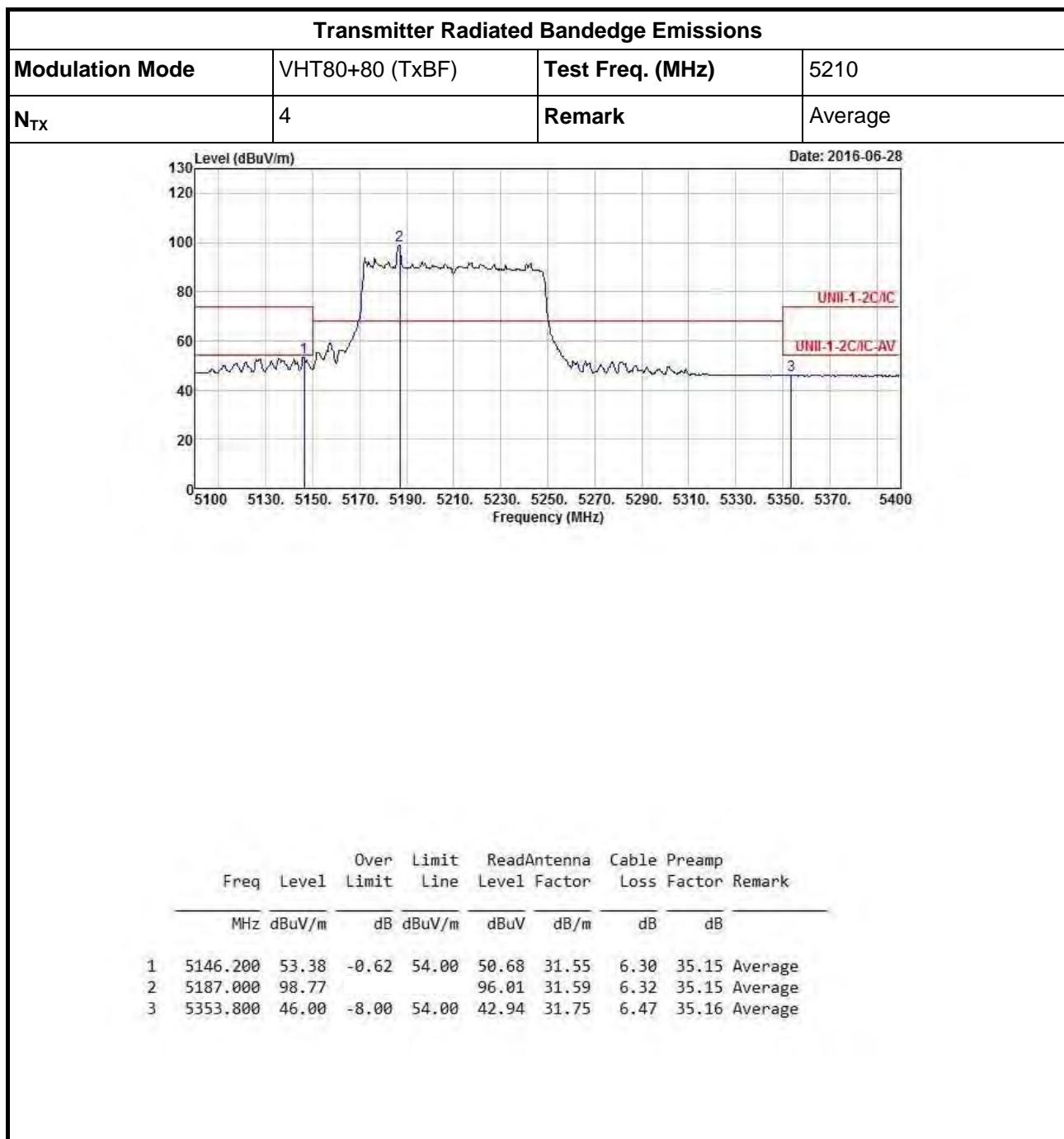
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Transmitter Radiated Bandedge Emissions

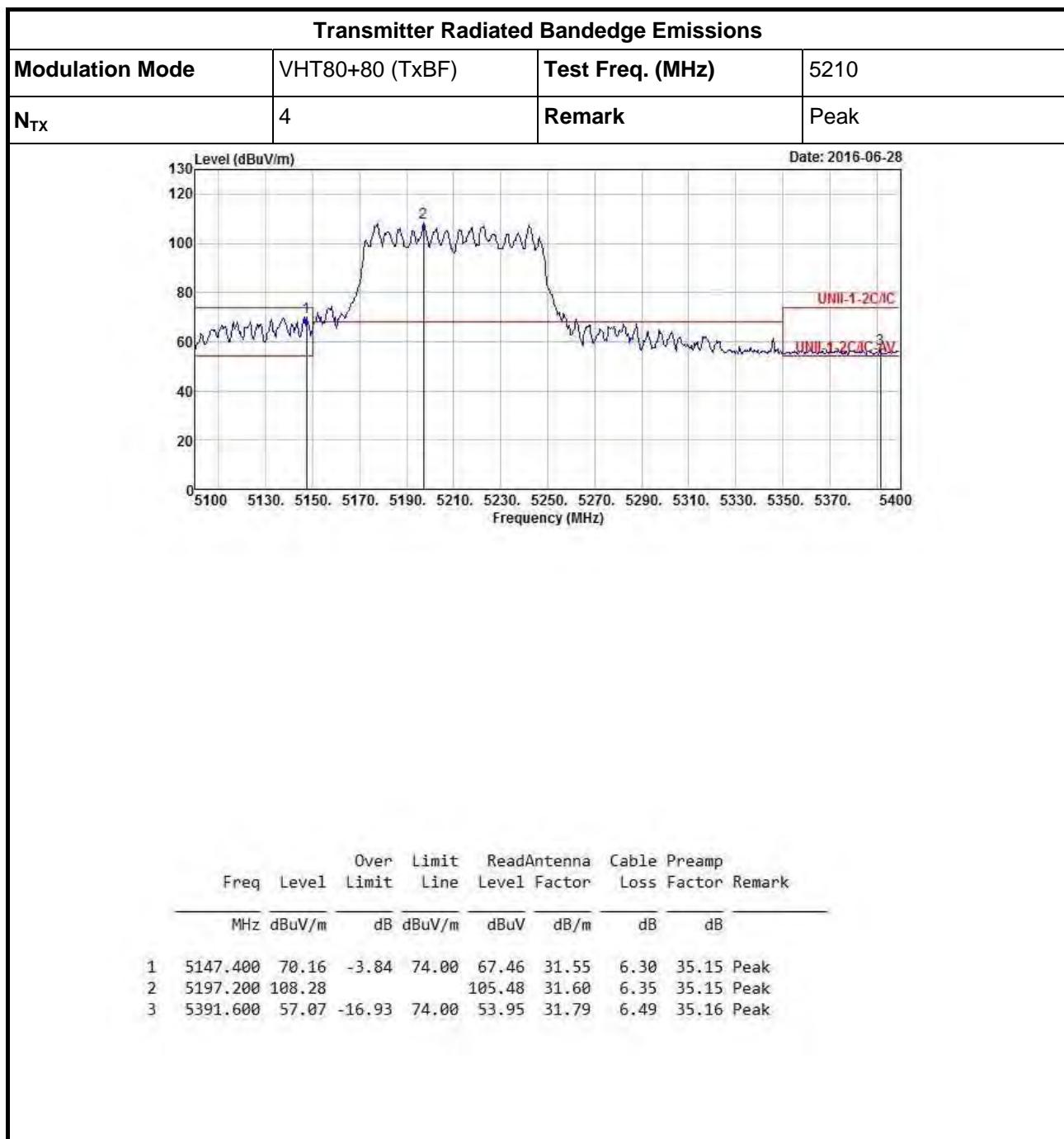
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Transmitter Radiated Bandedge Emissions

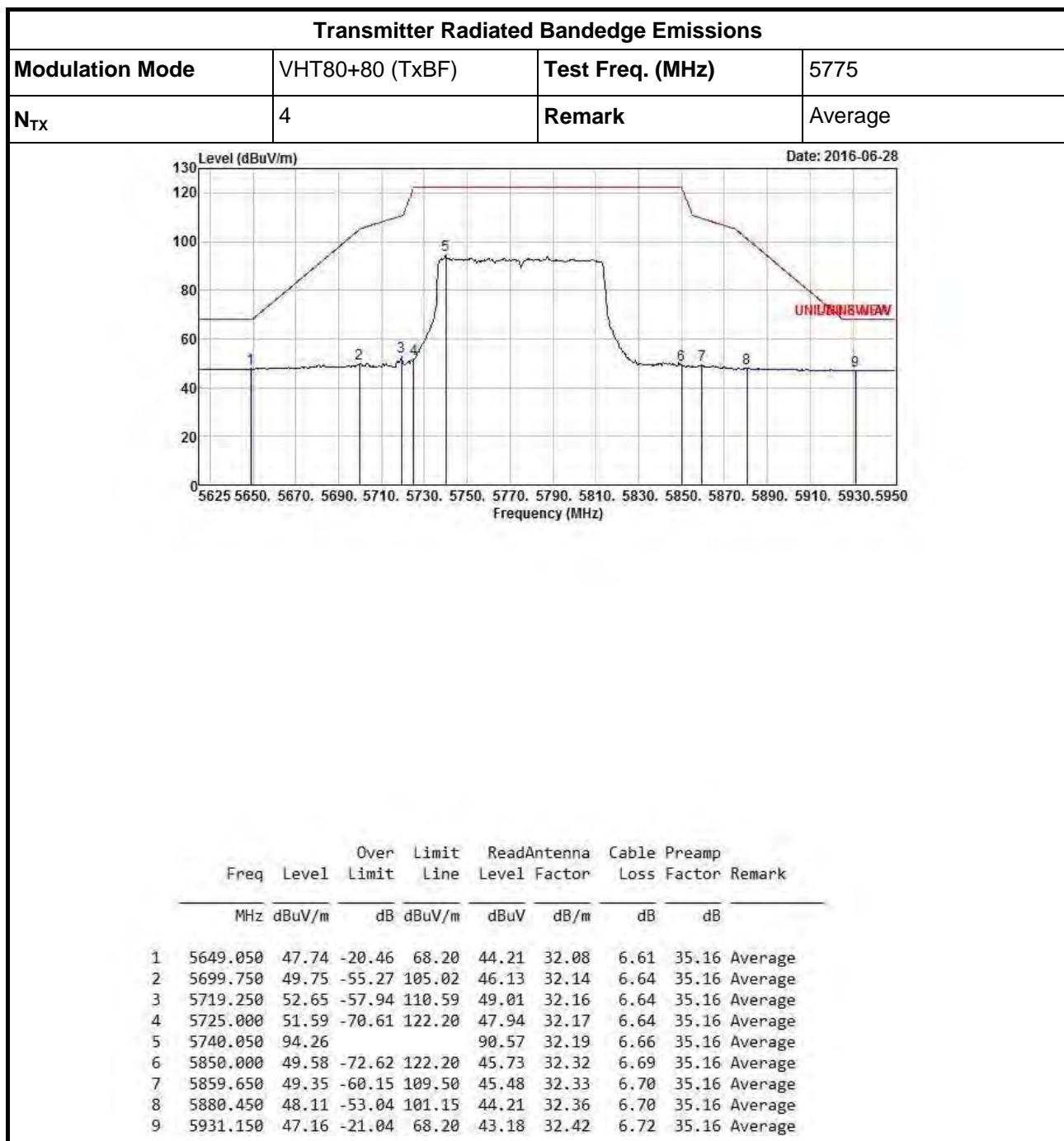
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Transmitter Radiated Bandedge Emissions

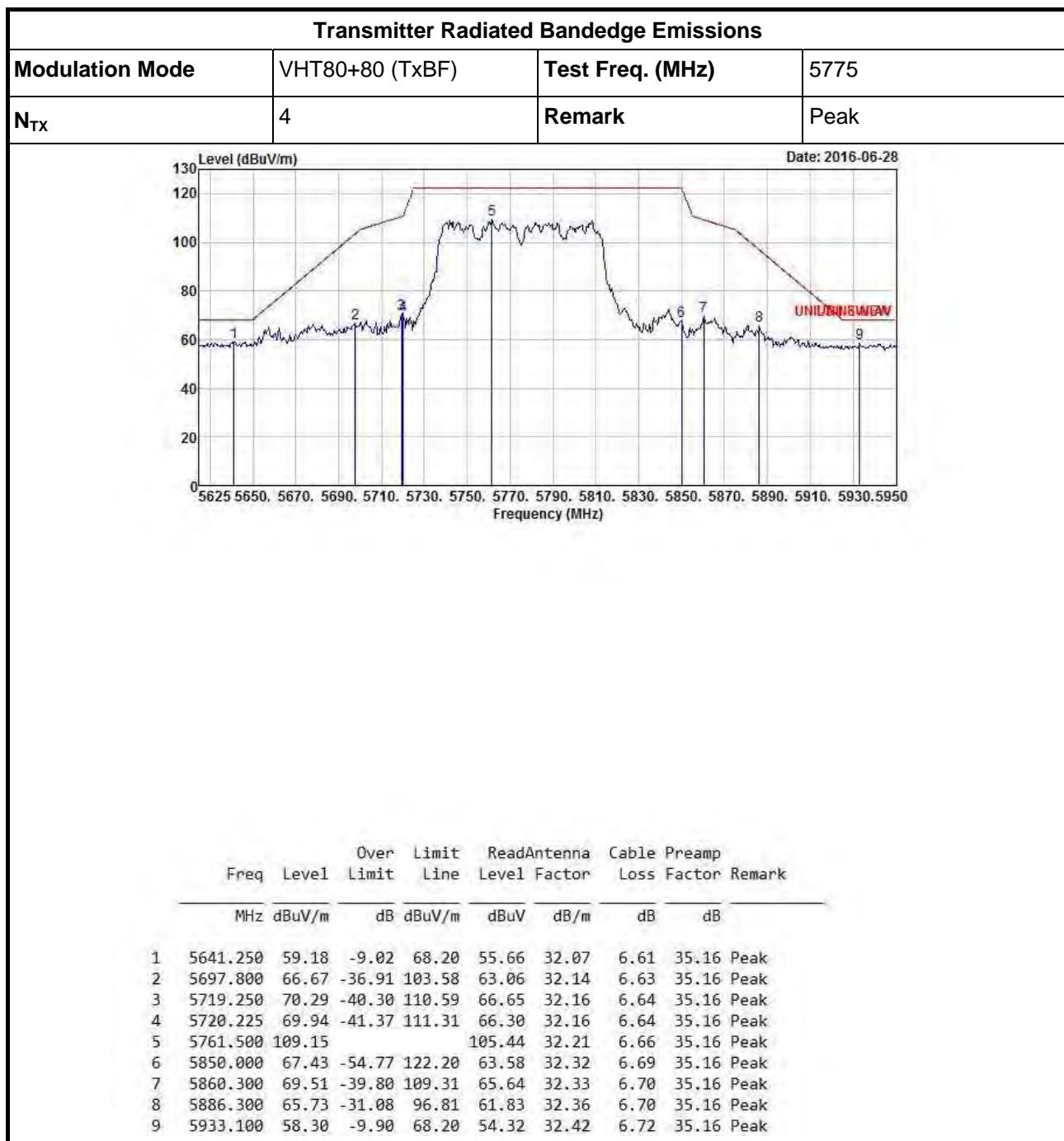
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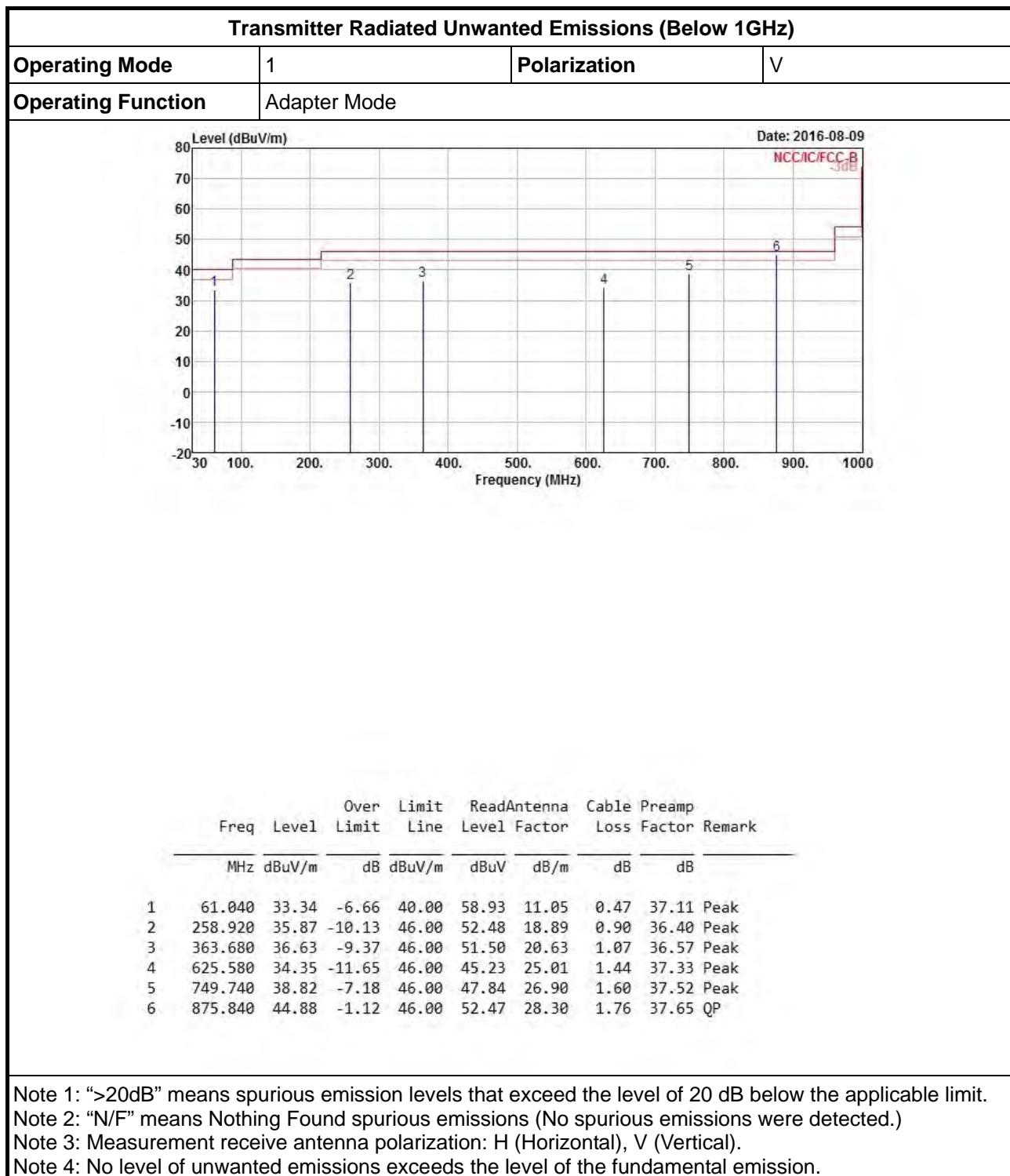
Transmitter Radiated Bandedge Emissions

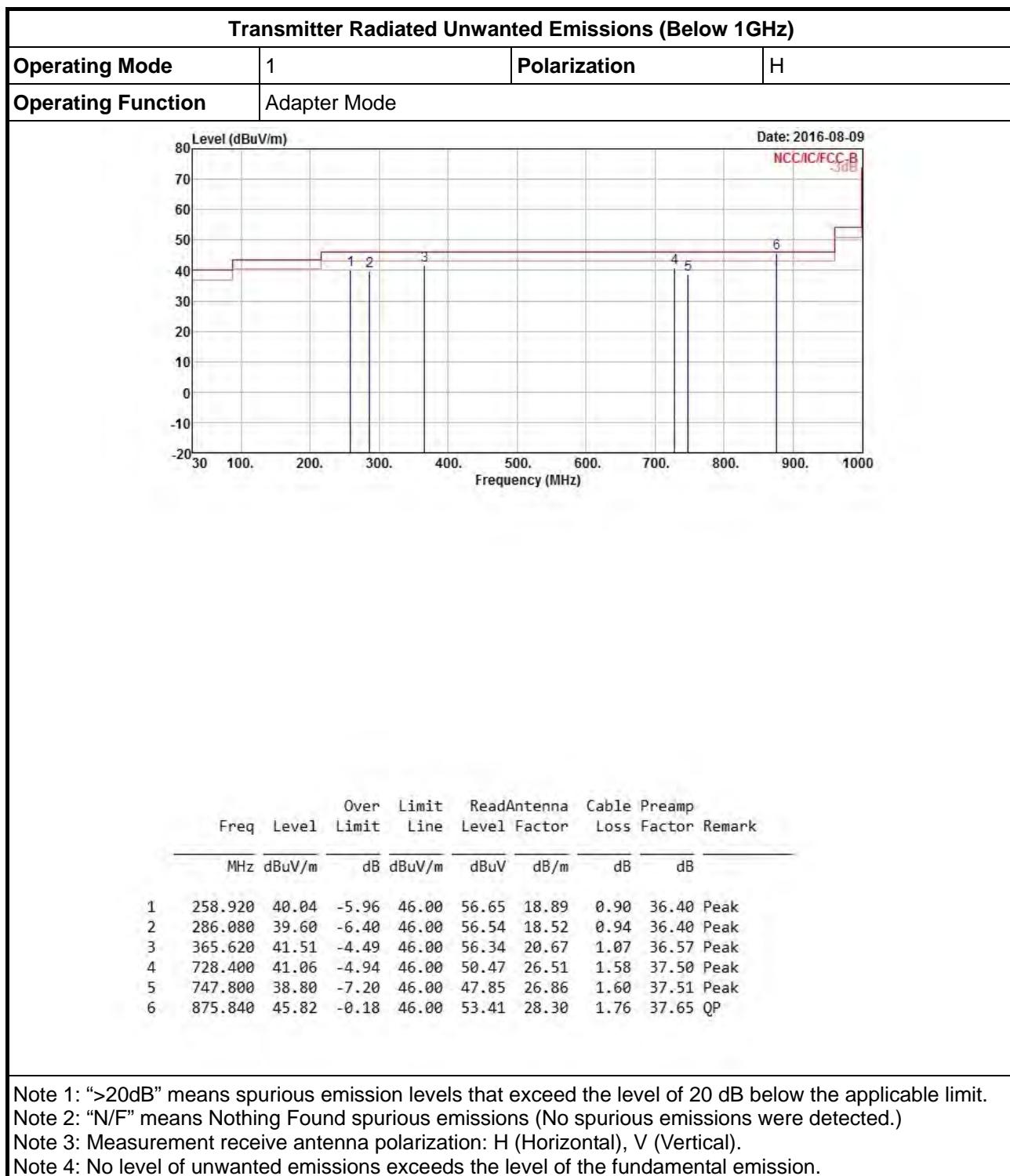
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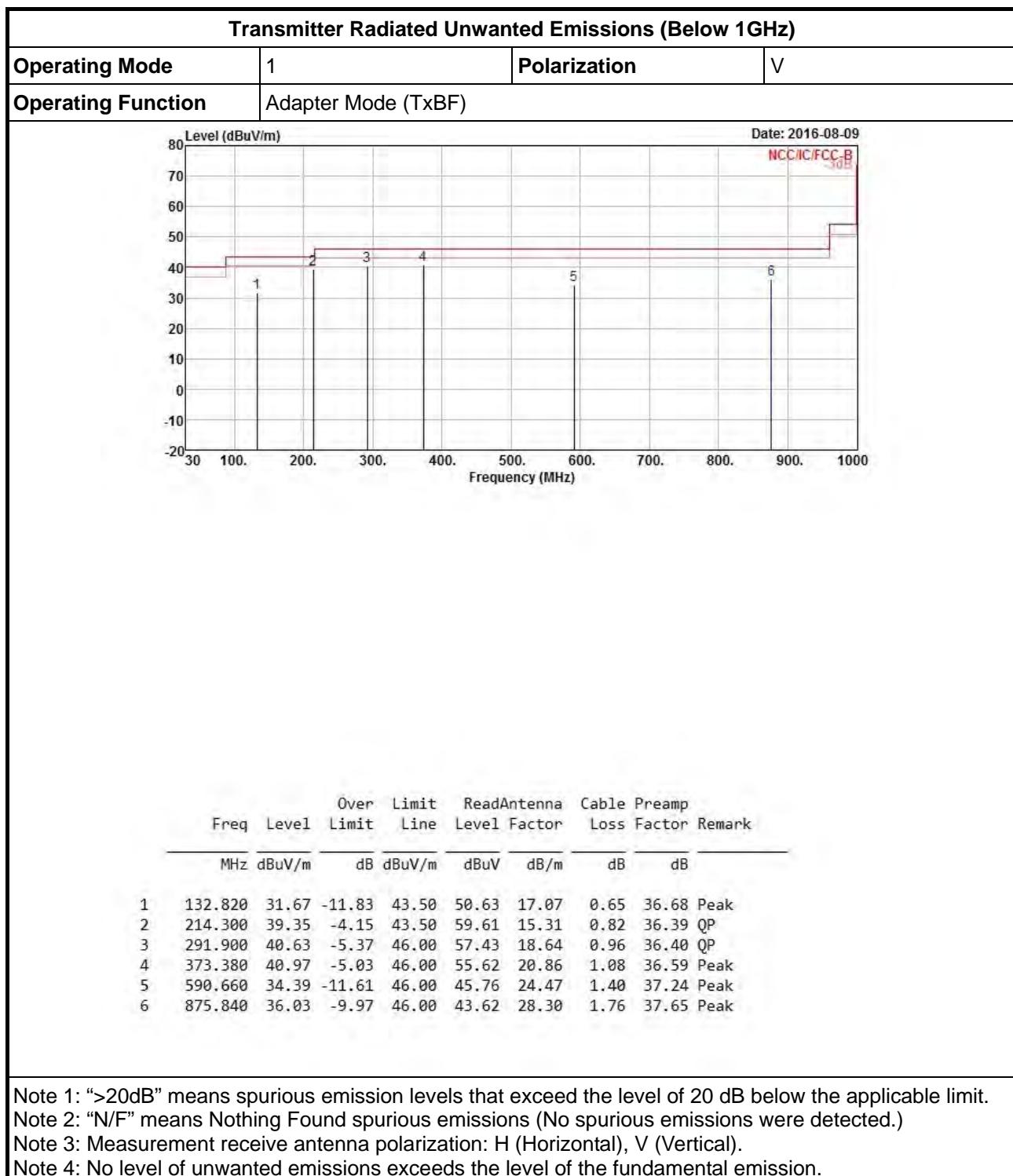


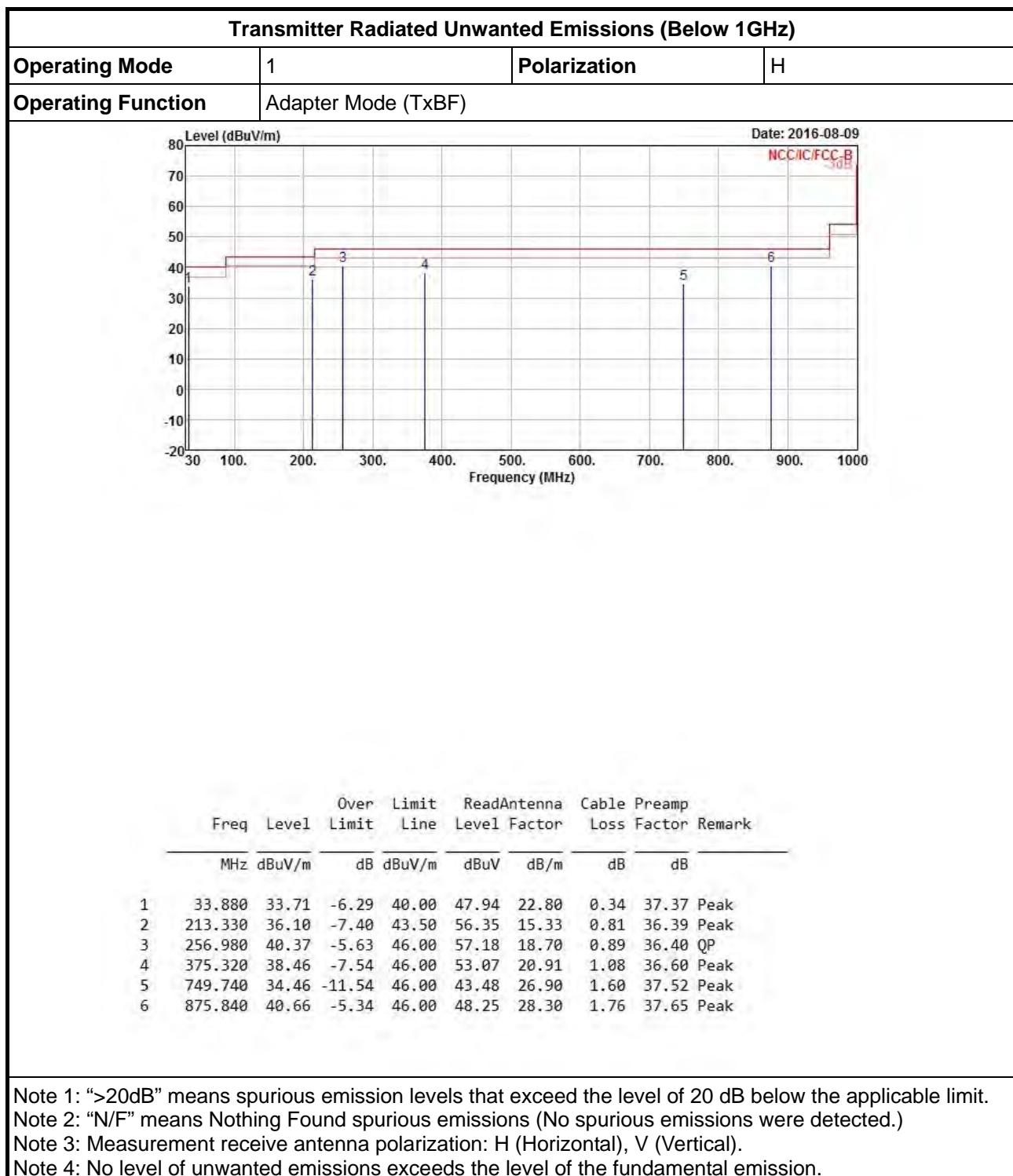


Transmitter Radiated Unwanted Emissions (Below 1GHz)



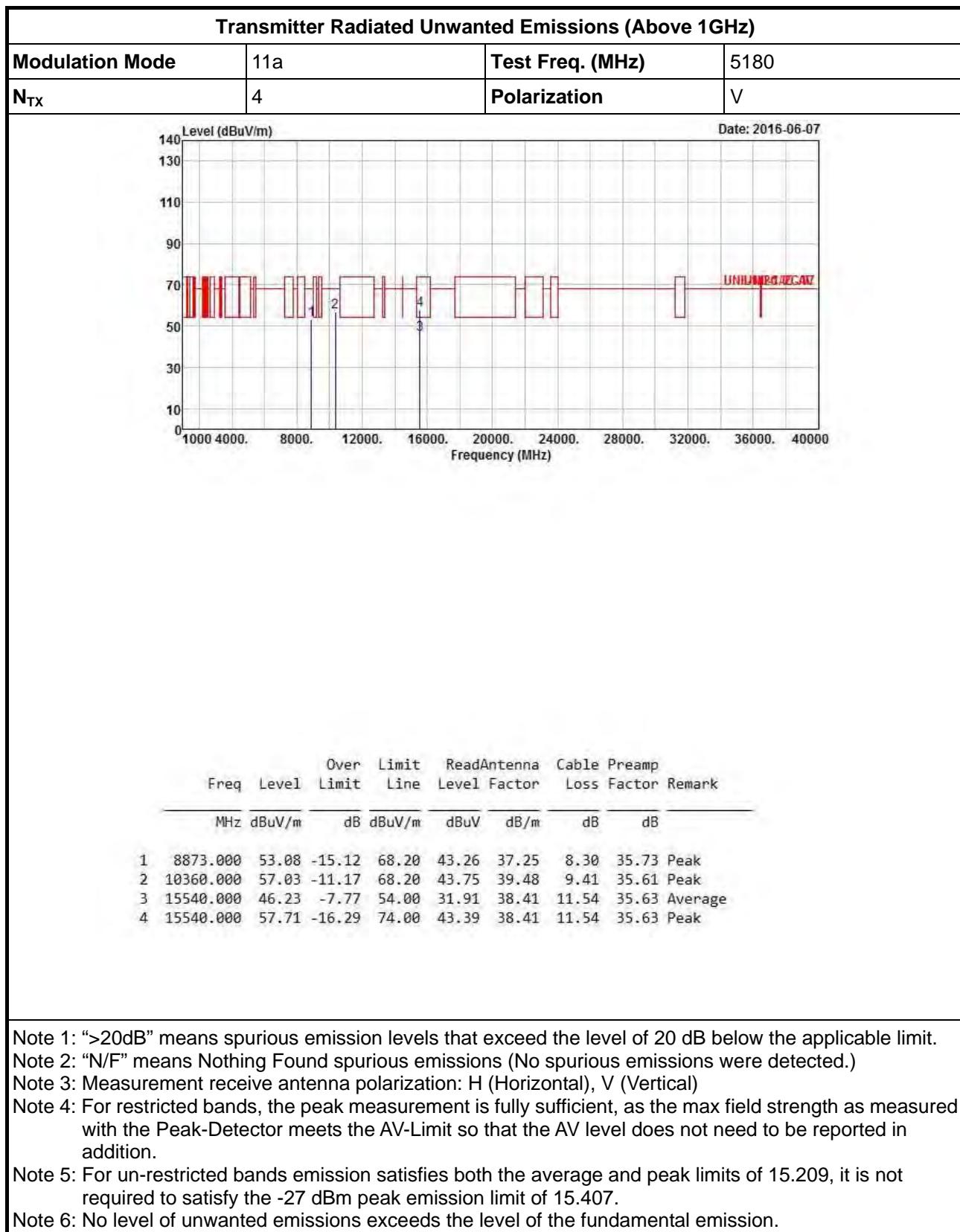








Transmitter Radiated Unwanted Emissions (Above 1GHz) for 5150-5250MHz



Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

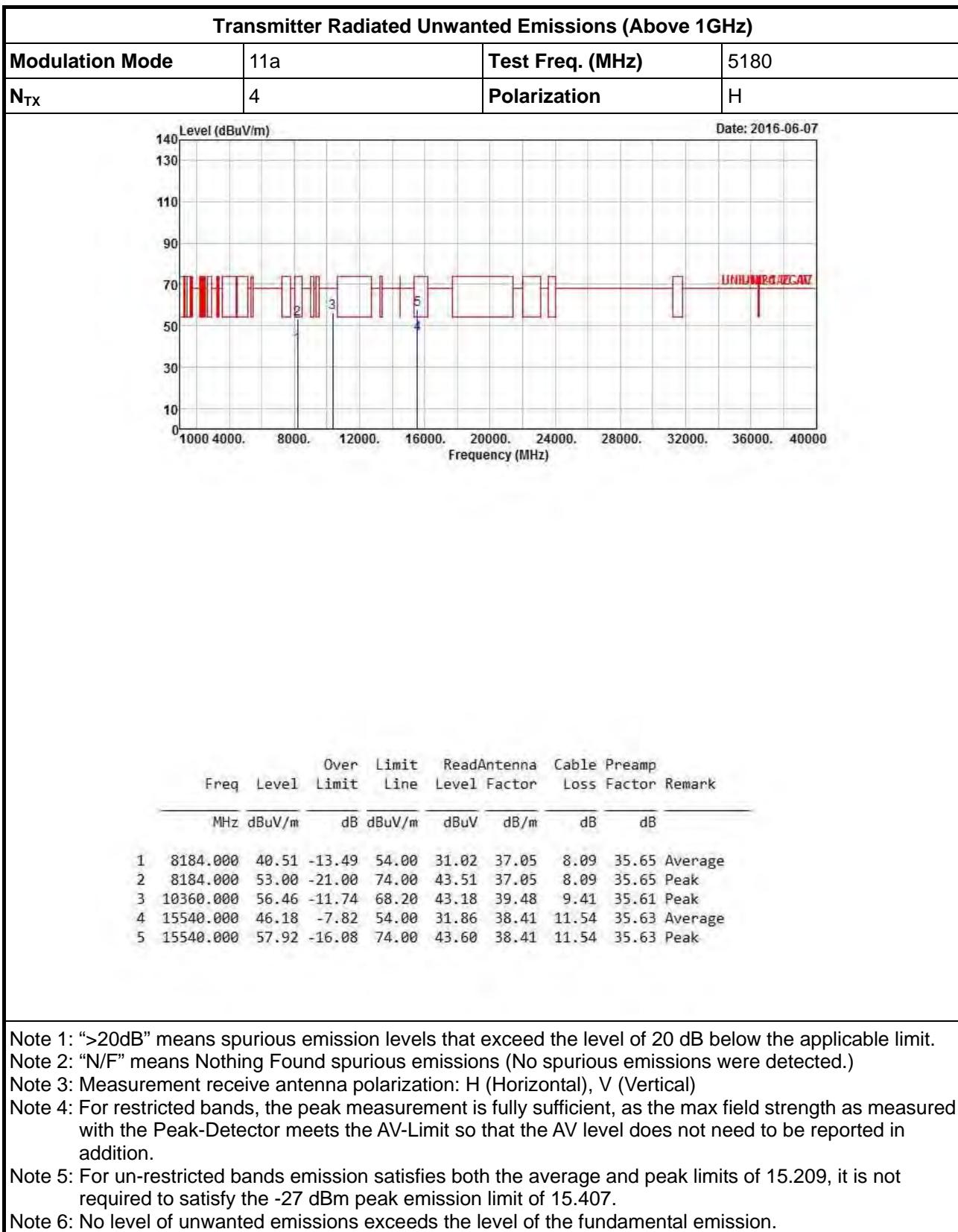
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

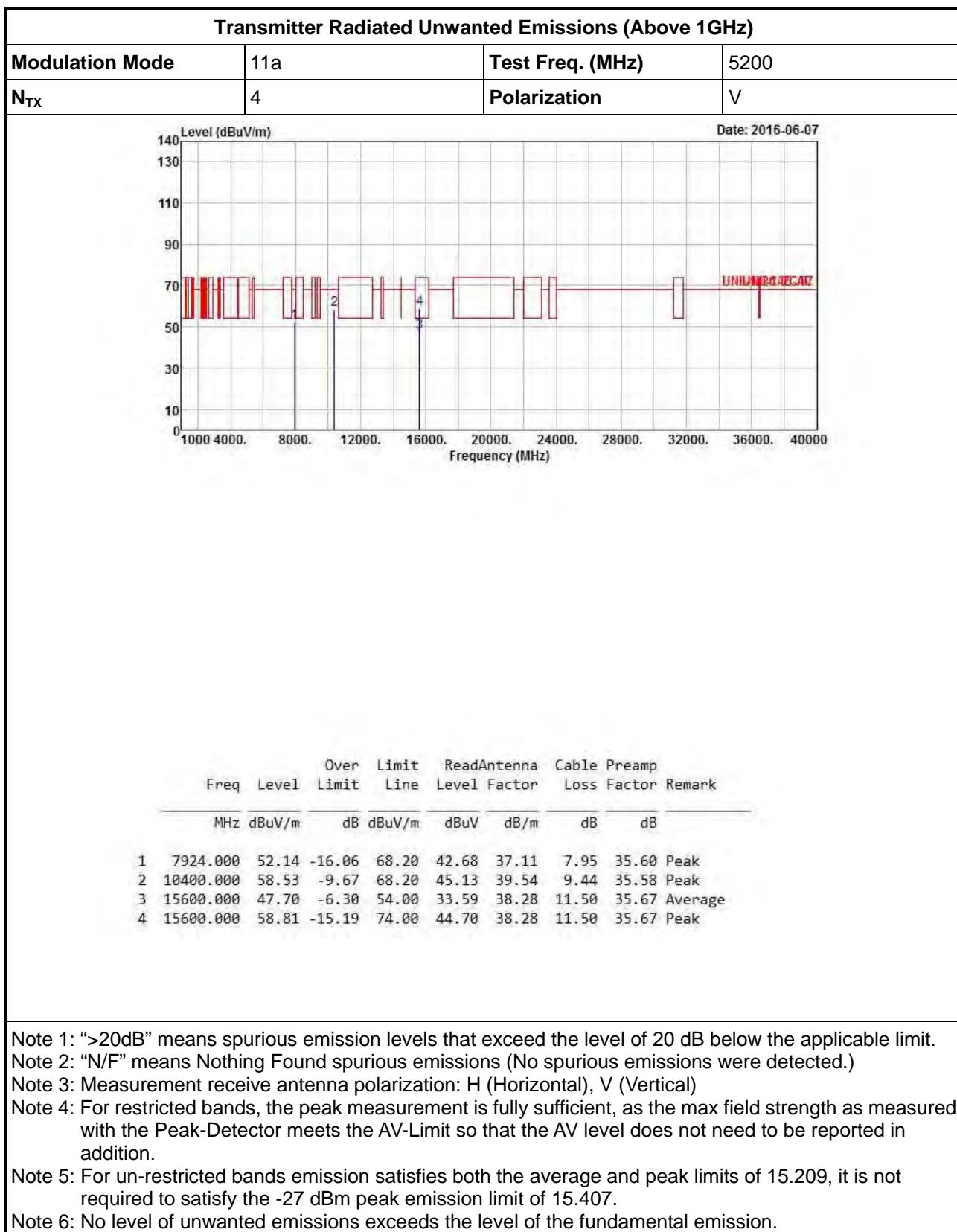
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

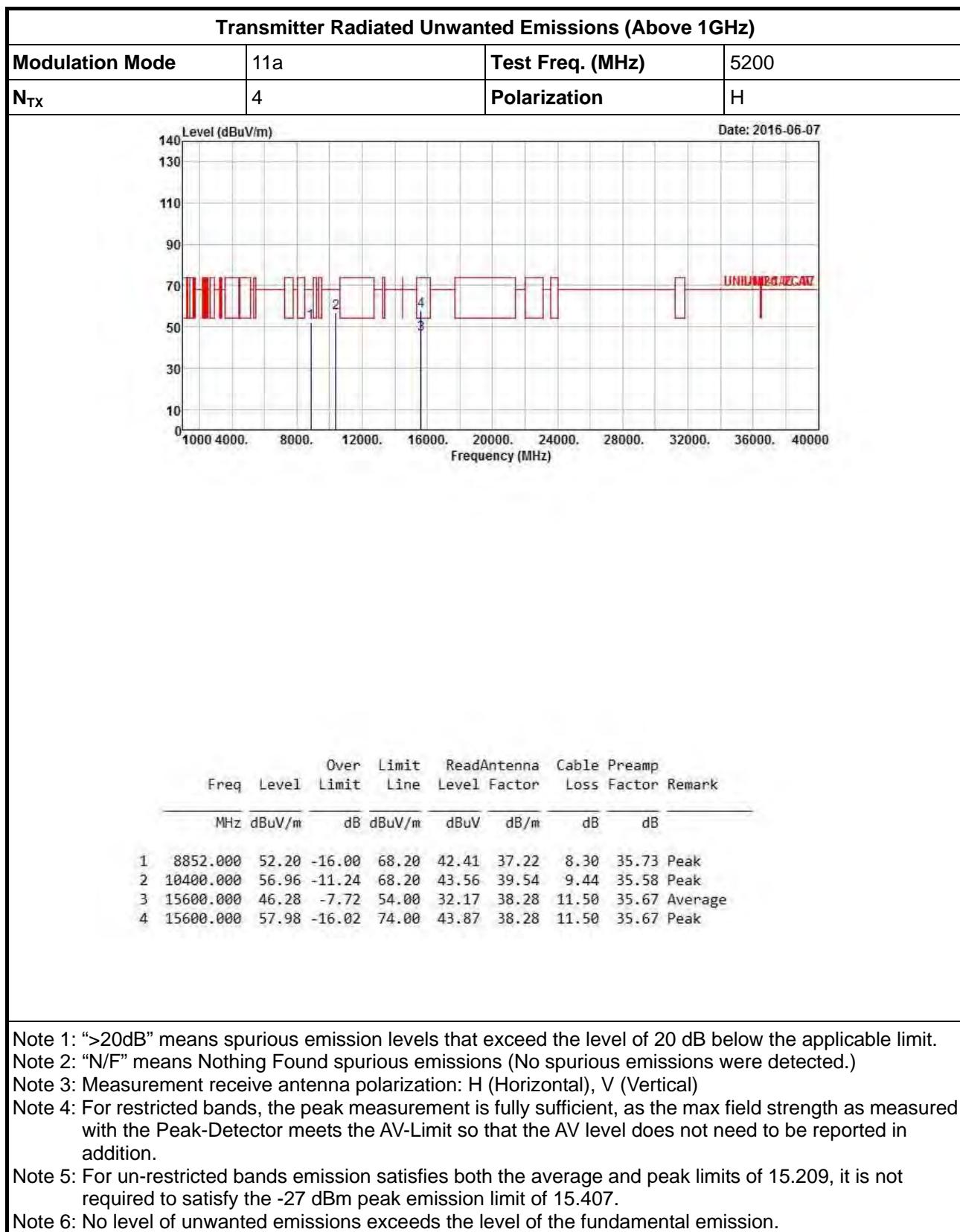
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

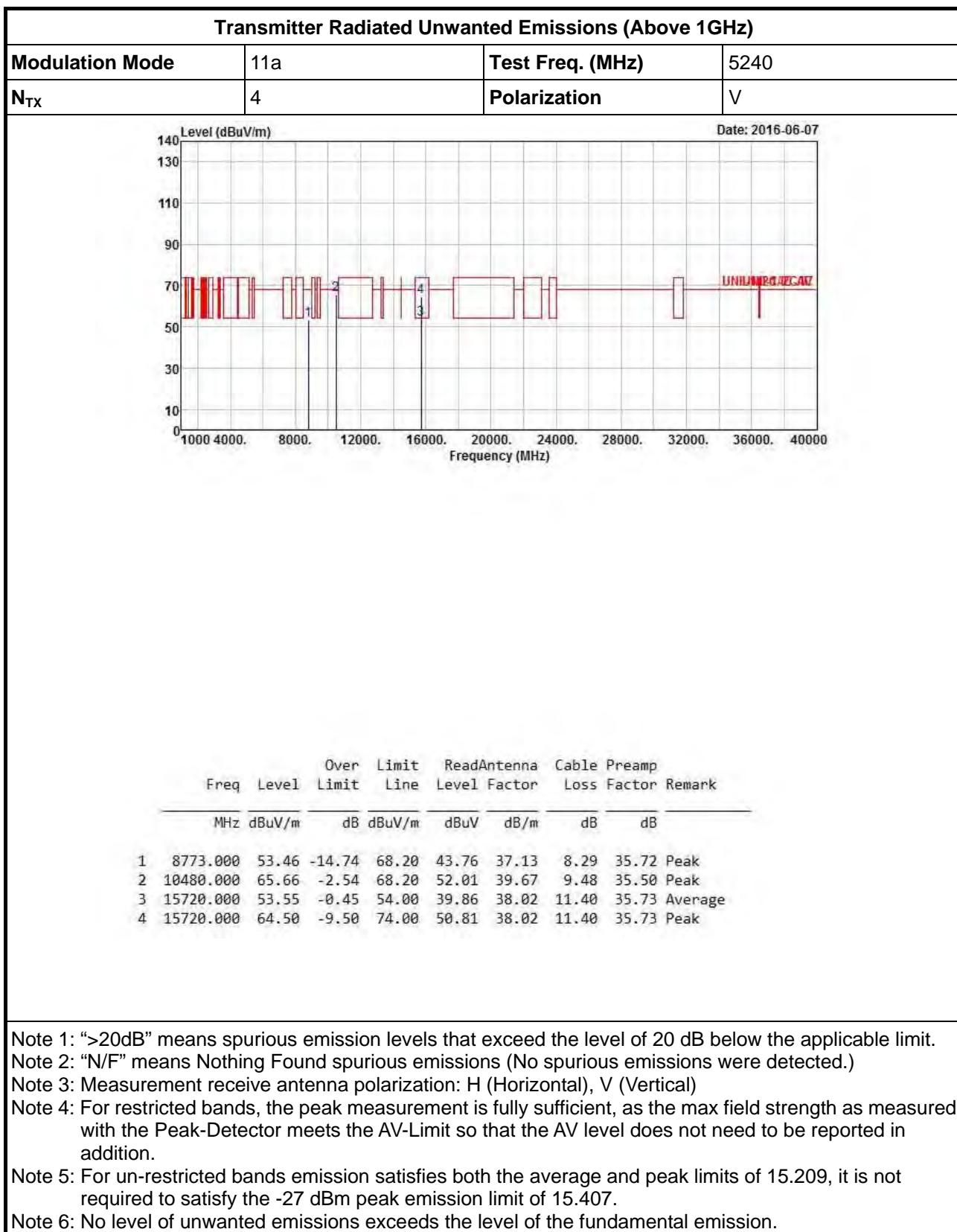
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

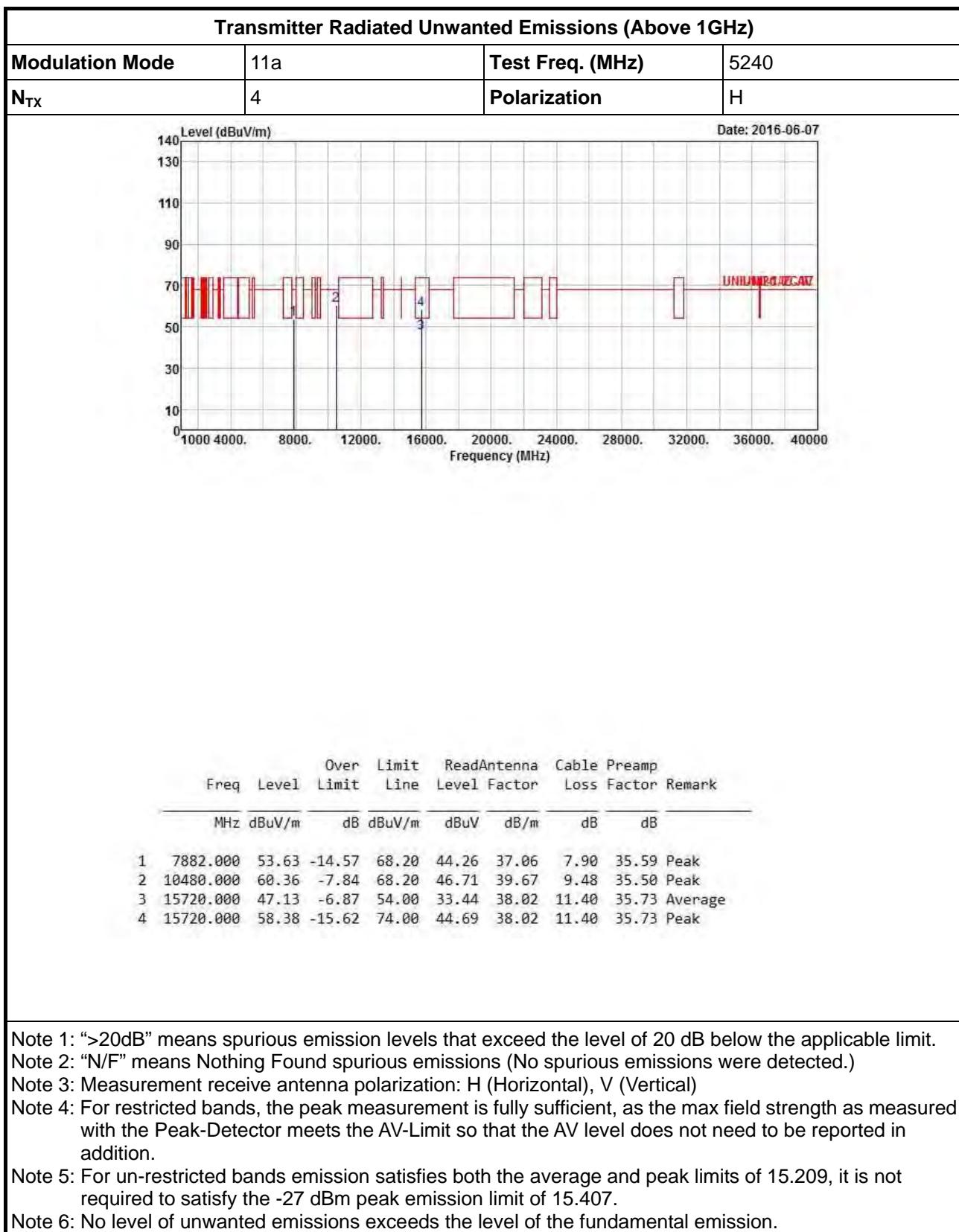
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.











Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

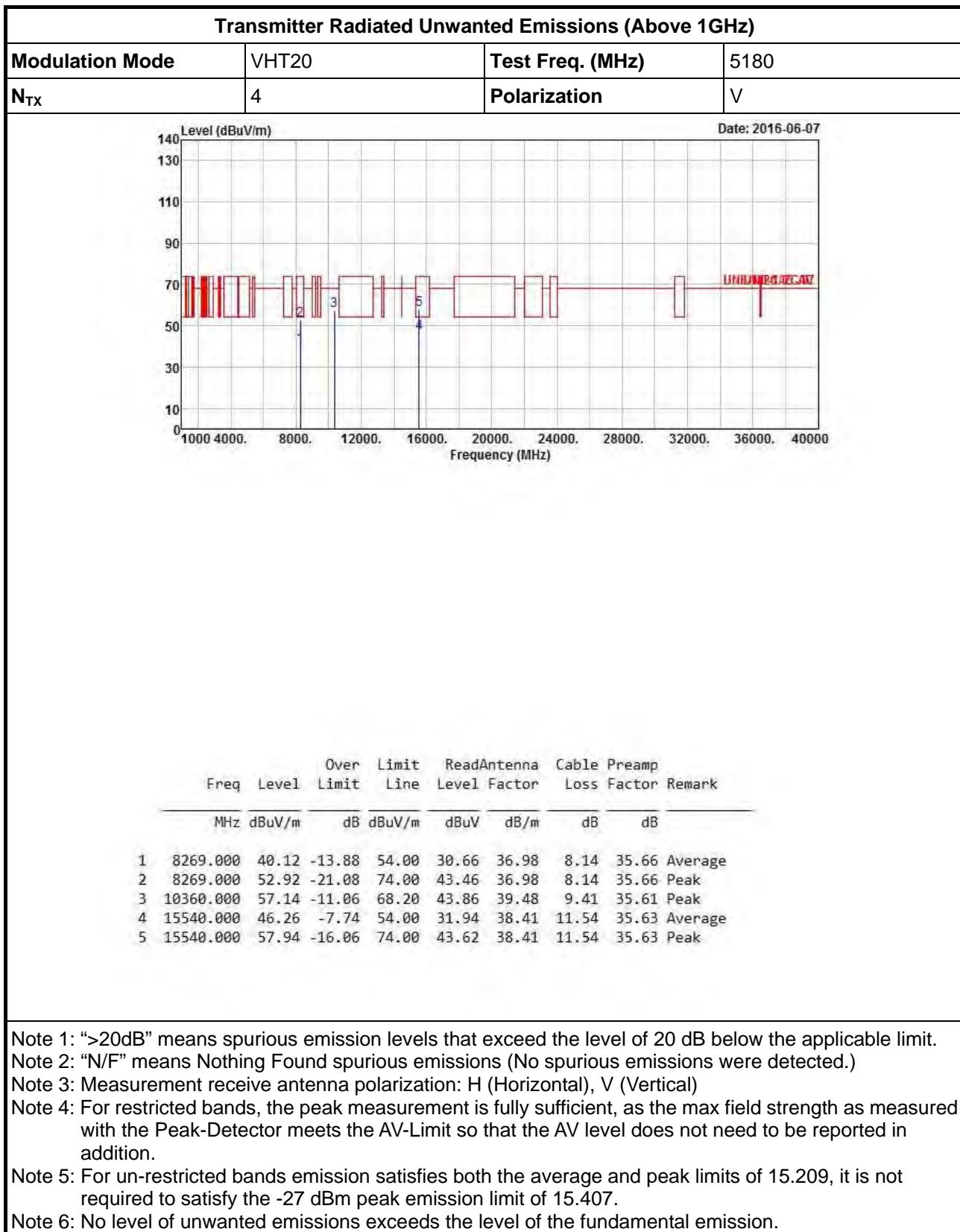
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

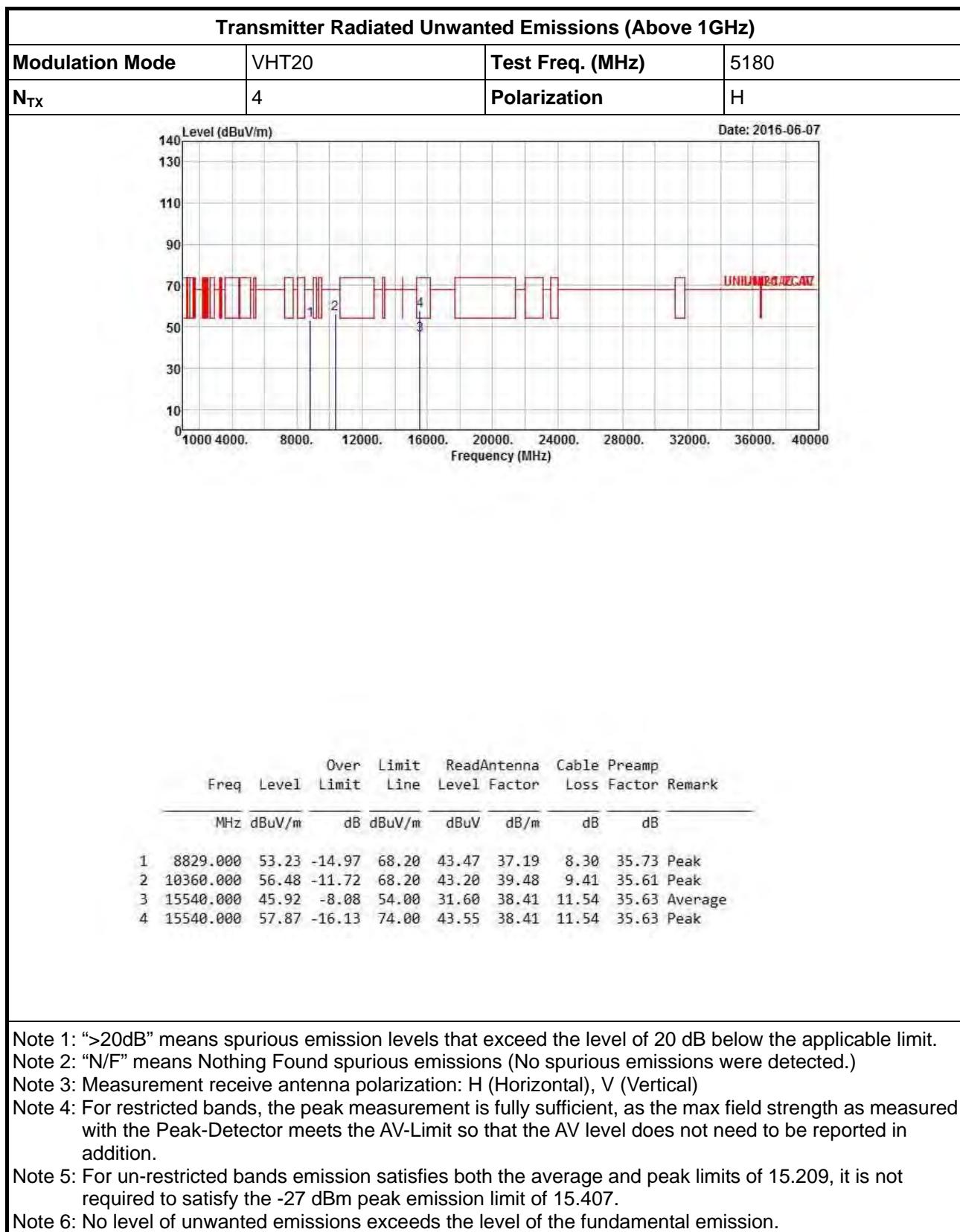
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

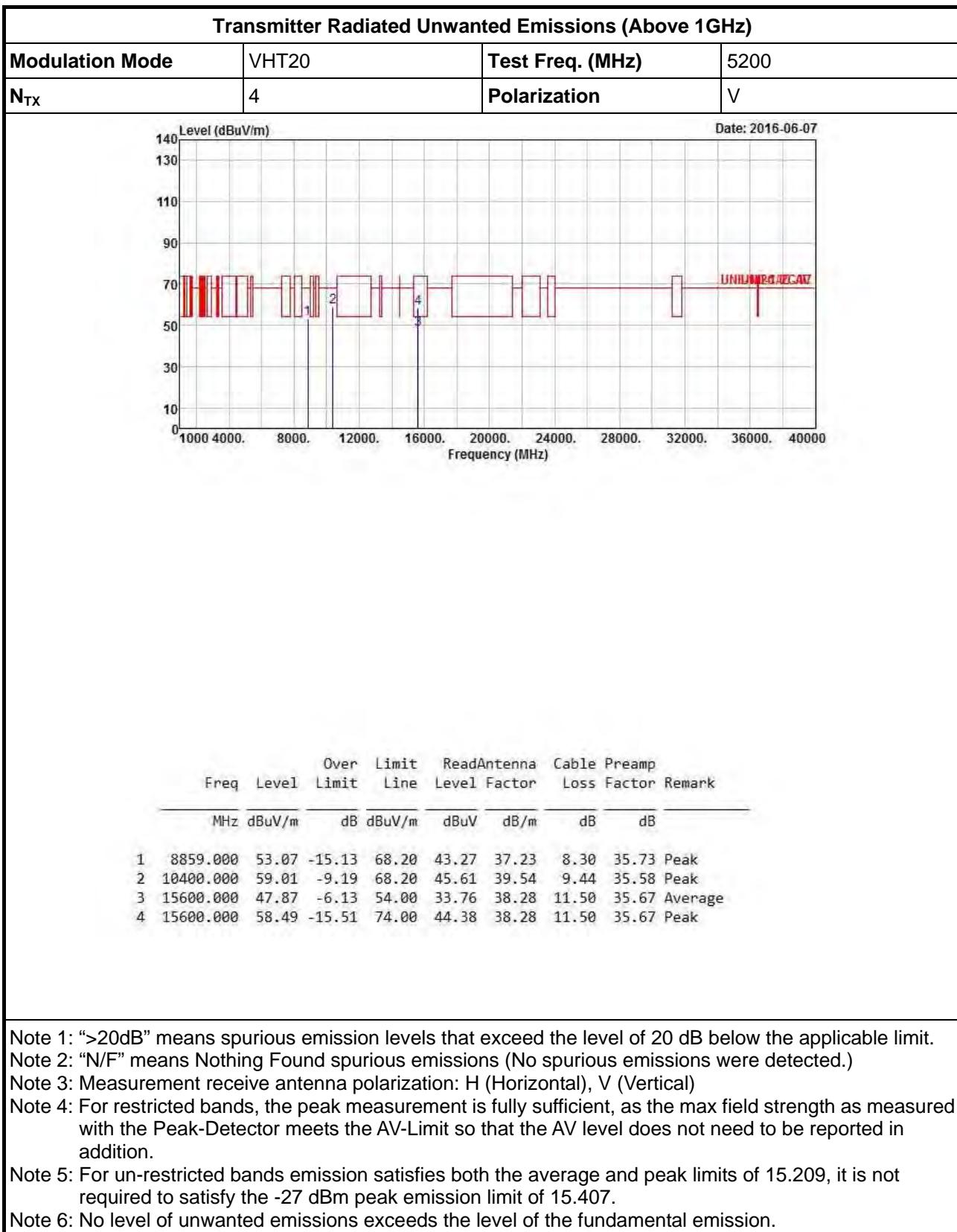
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

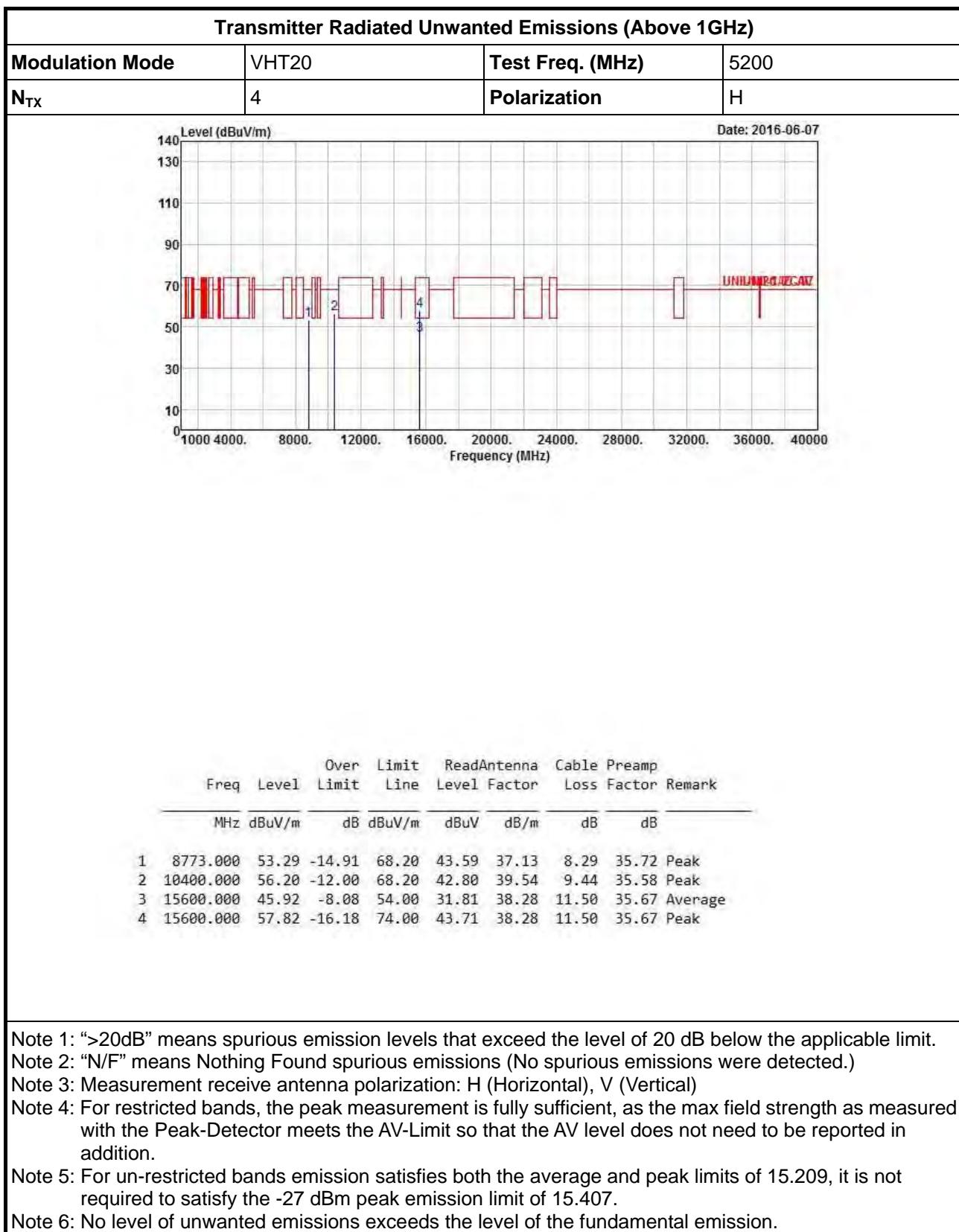
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

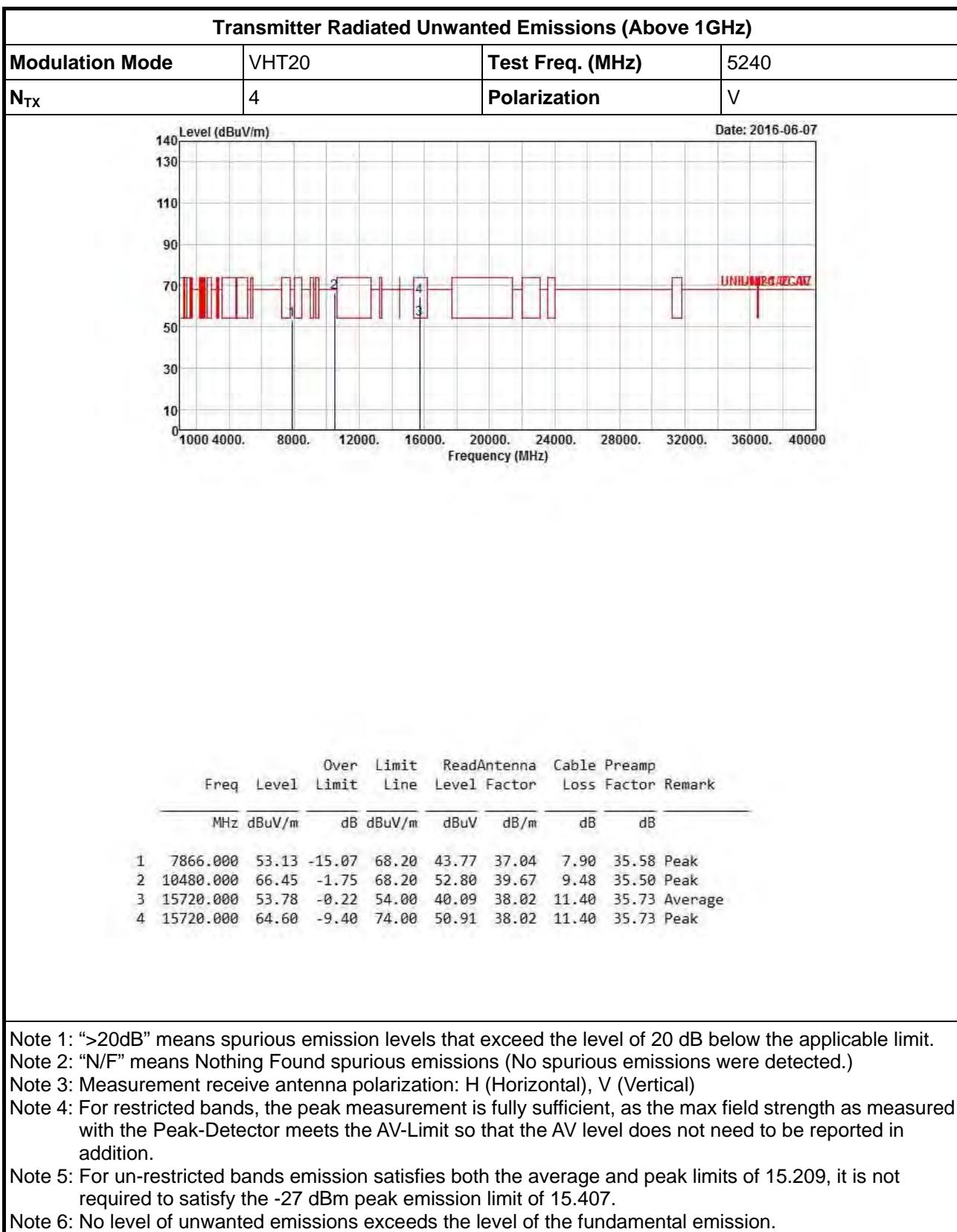
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.











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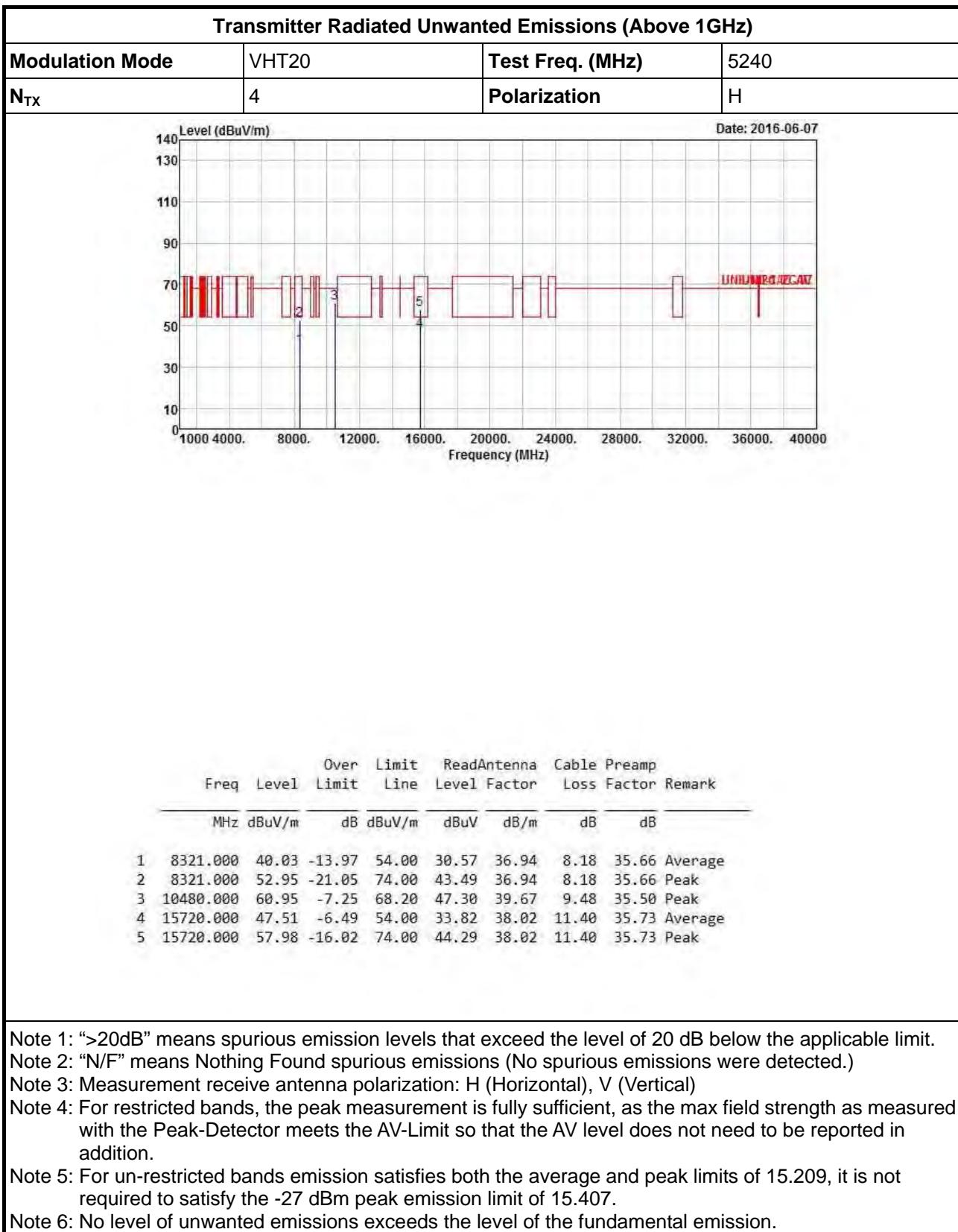
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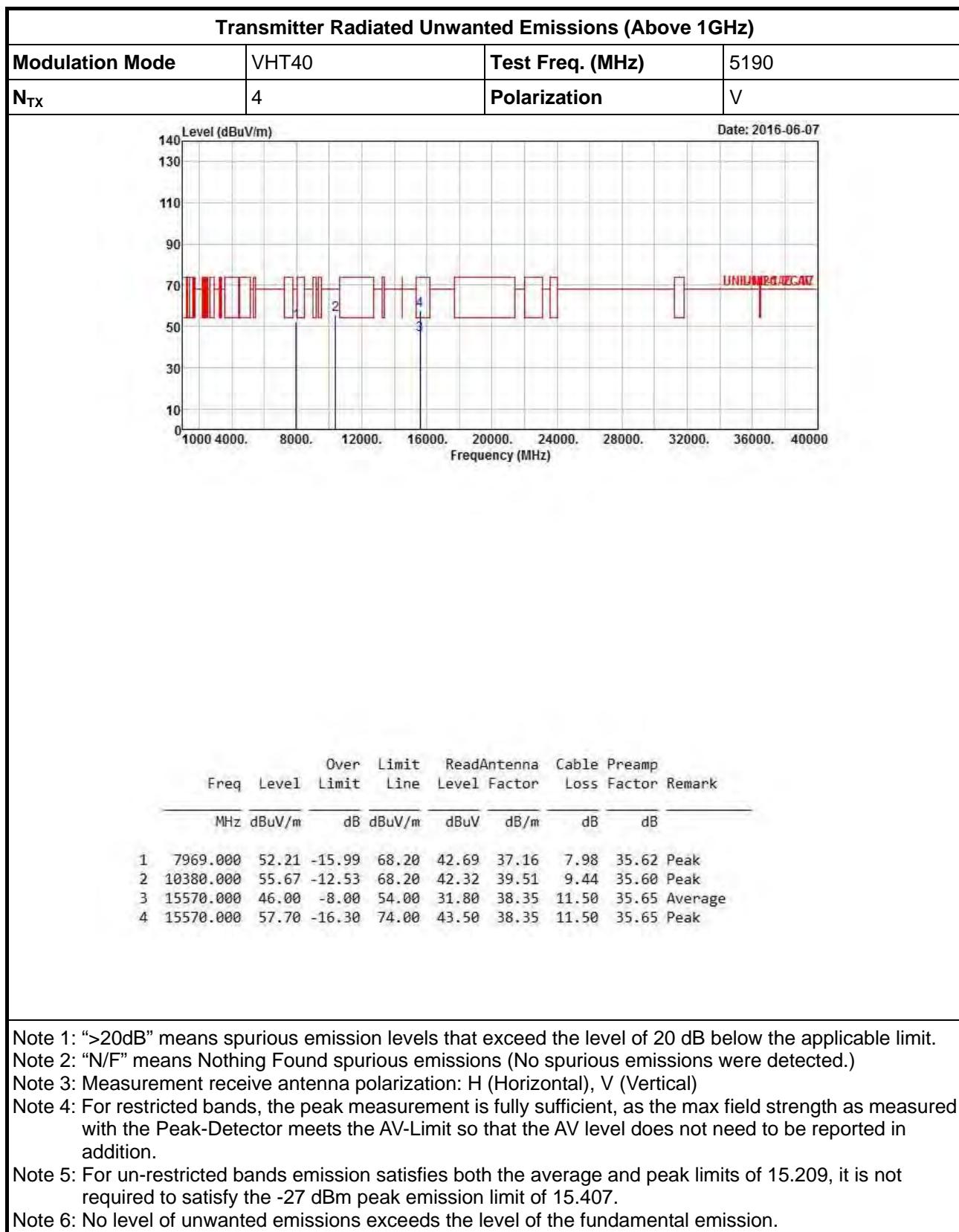
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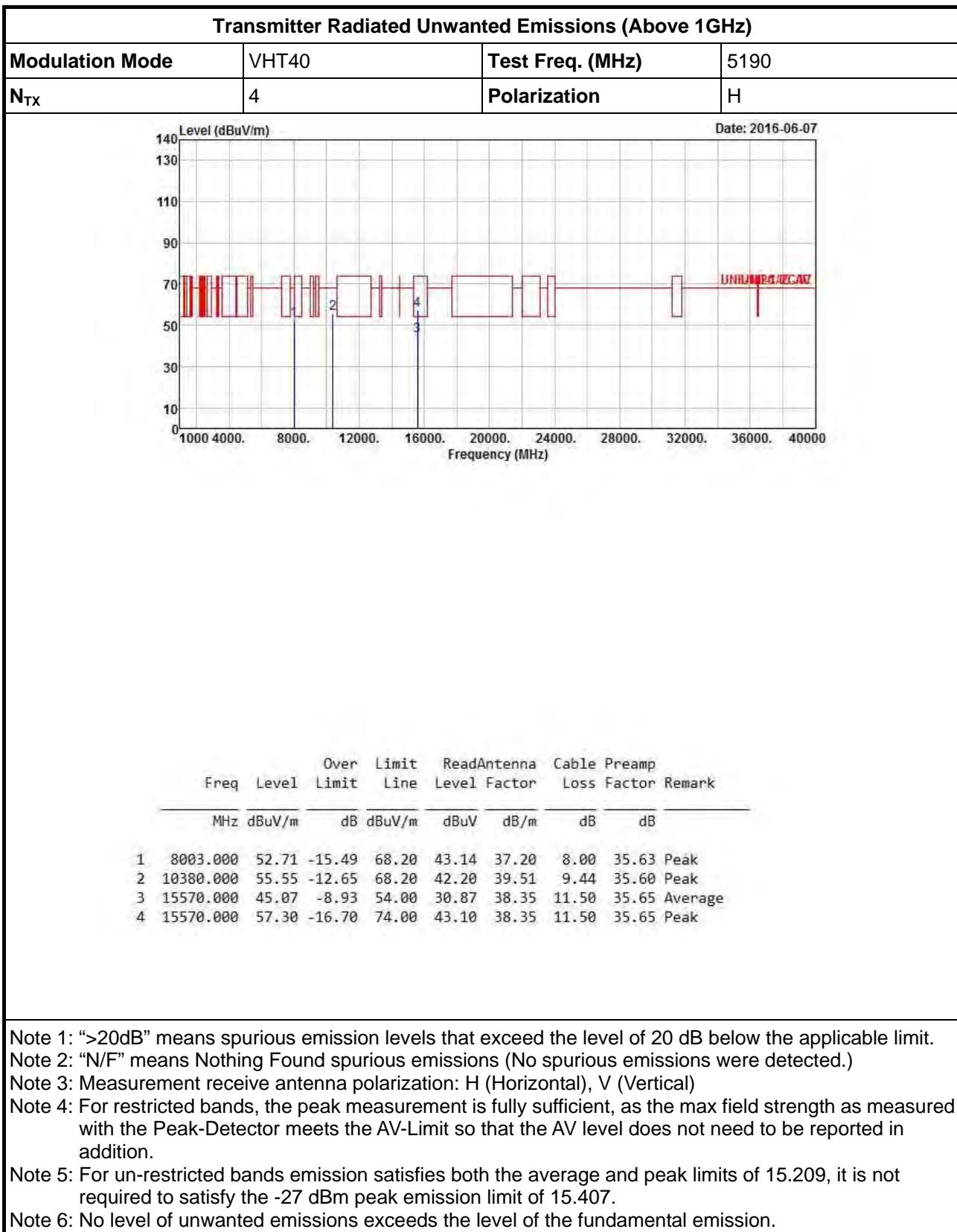
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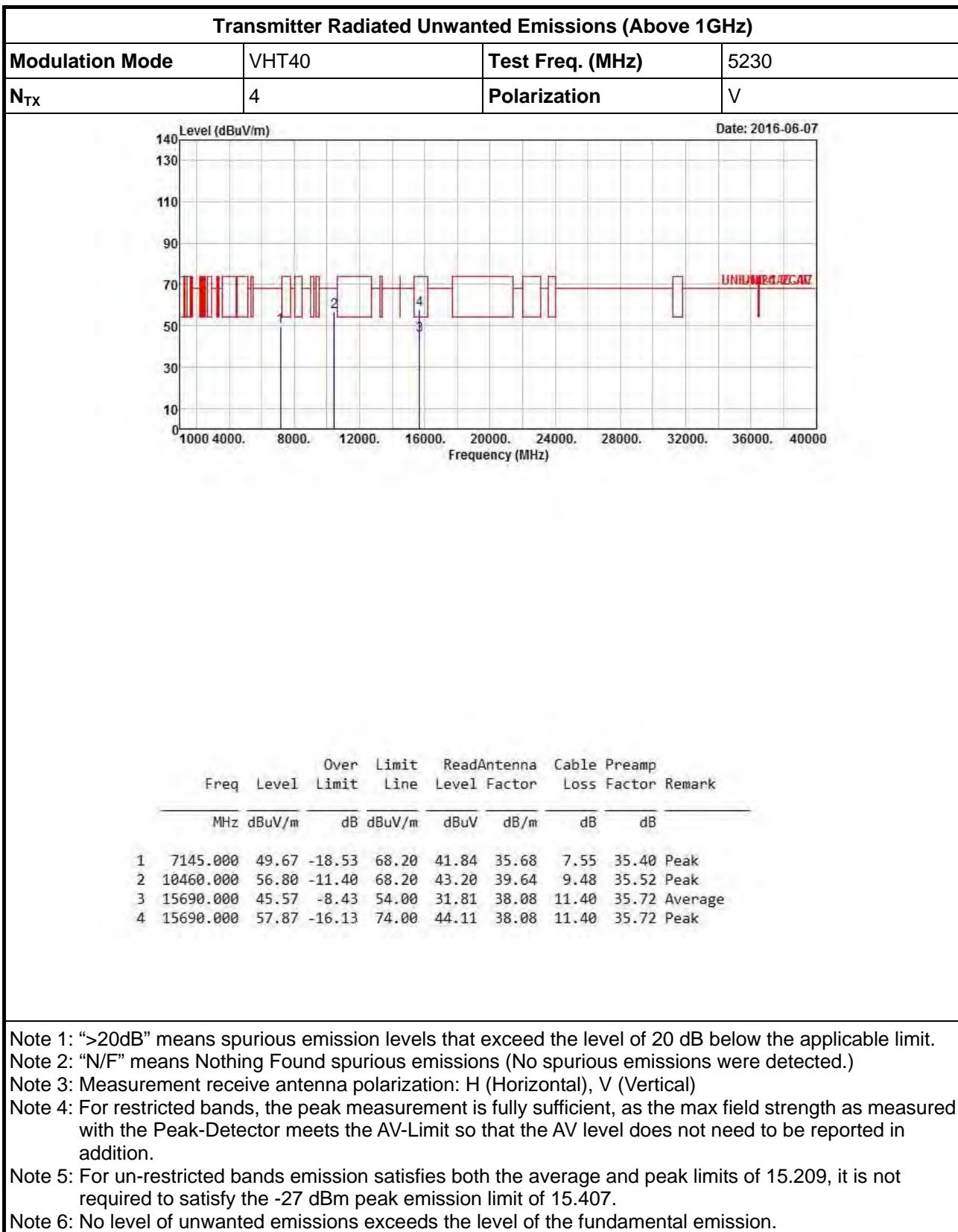
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

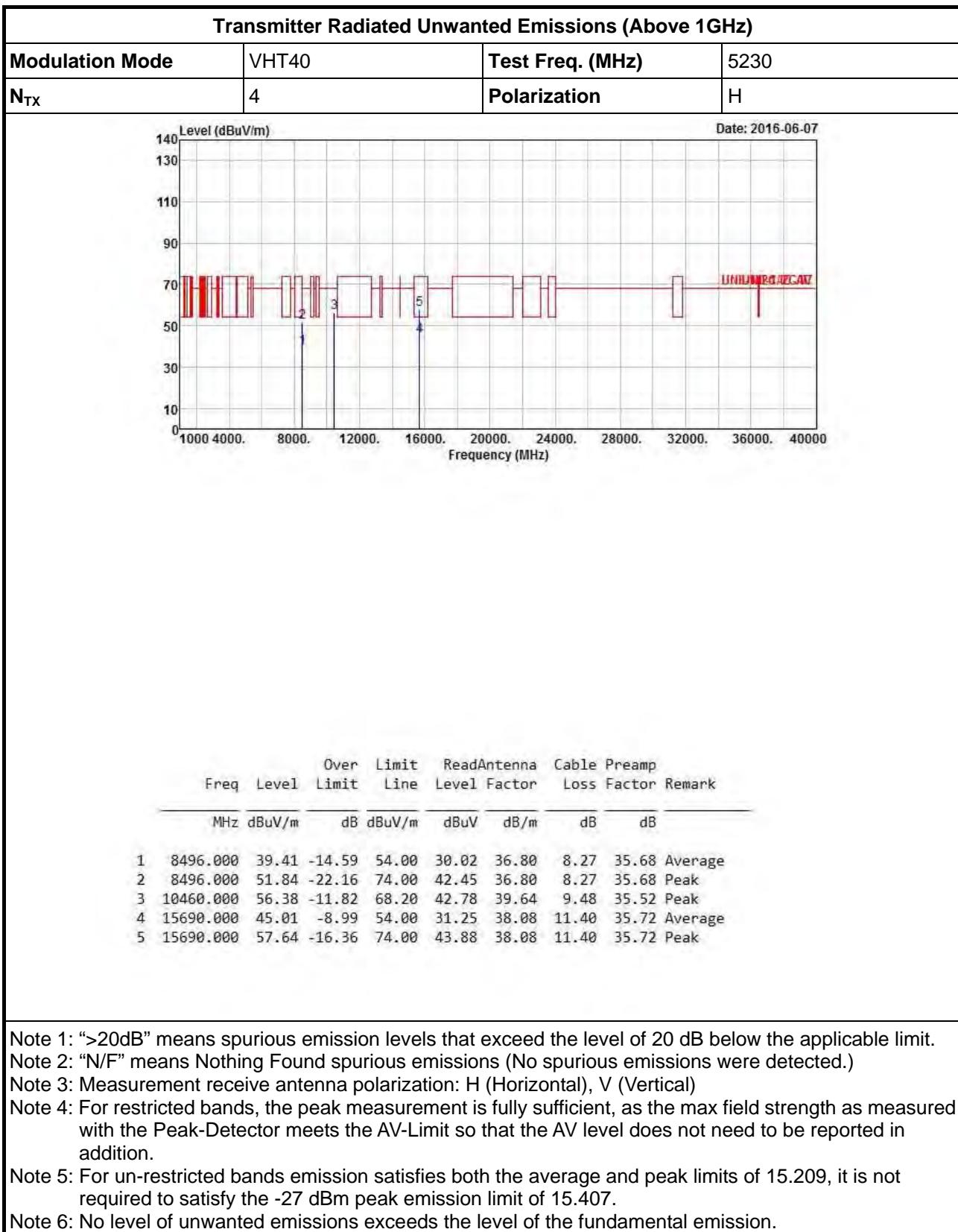
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.













Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode	VHT80	Test Freq. (MHz)	5210
N_{TX}	4	Polarization	V

Level (dBuV/m) Date: 2016-06-07

Frequency (MHz)

UNII-2R/UNII-2C

Freq	Level	Over Limit		ReadAntenna	Cable Preamp		Remark	
		Limit	Line		Level	Factor		
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	7999.000	51.91	-16.29	68.20	42.36	37.20	7.98	35.63 Peak
2	10420.000	56.37	-11.83	68.20	42.90	39.57	9.46	35.56 Peak
3	15630.000	45.70	-8.30	54.00	31.70	38.21	11.47	35.68 Average
4	15630.000	57.40	-16.60	74.00	43.40	38.21	11.47	35.68 Peak

Note 1: “>20dB” means spurious emission levels that exceed the level of 20 dB below the applicable limit.

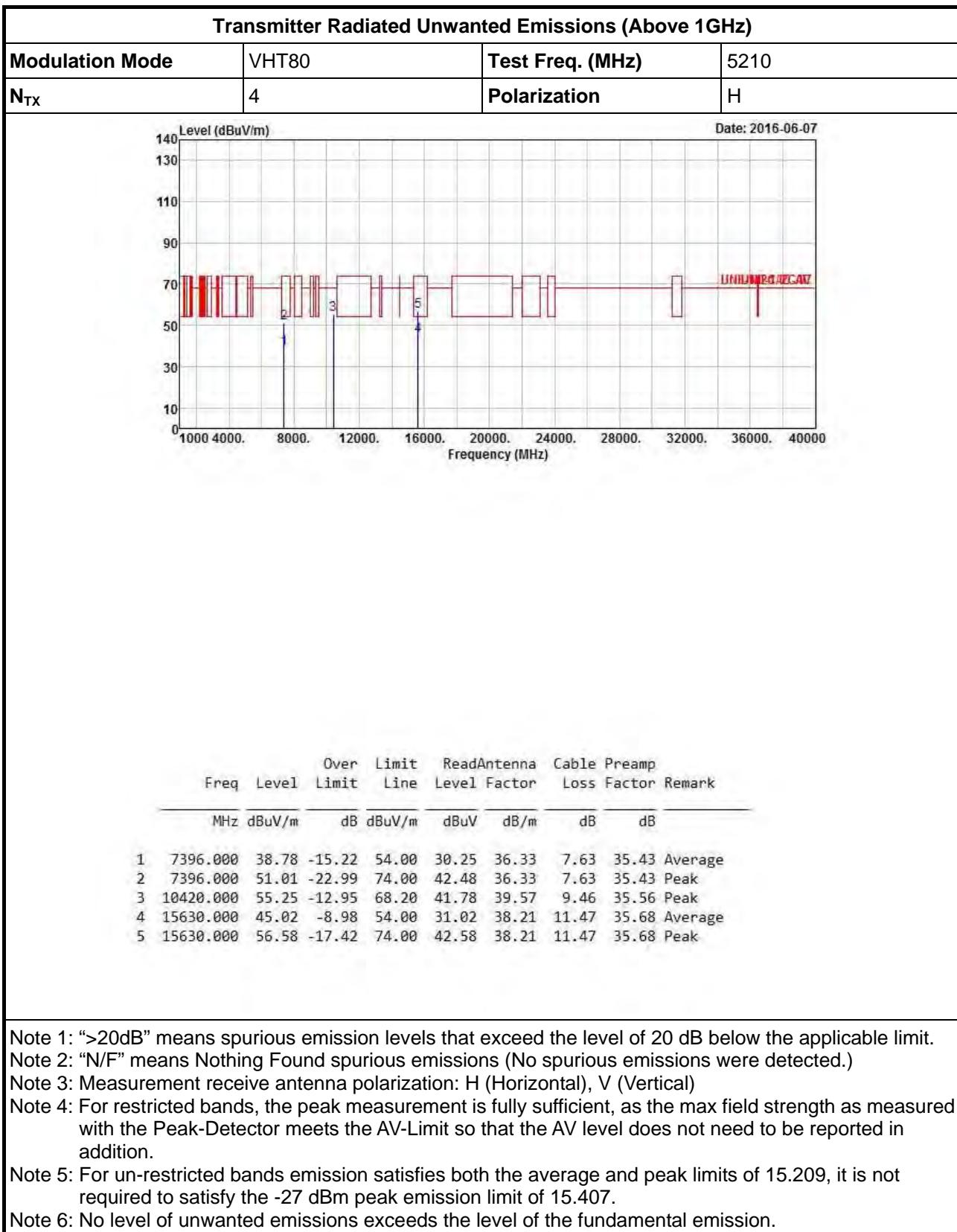
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

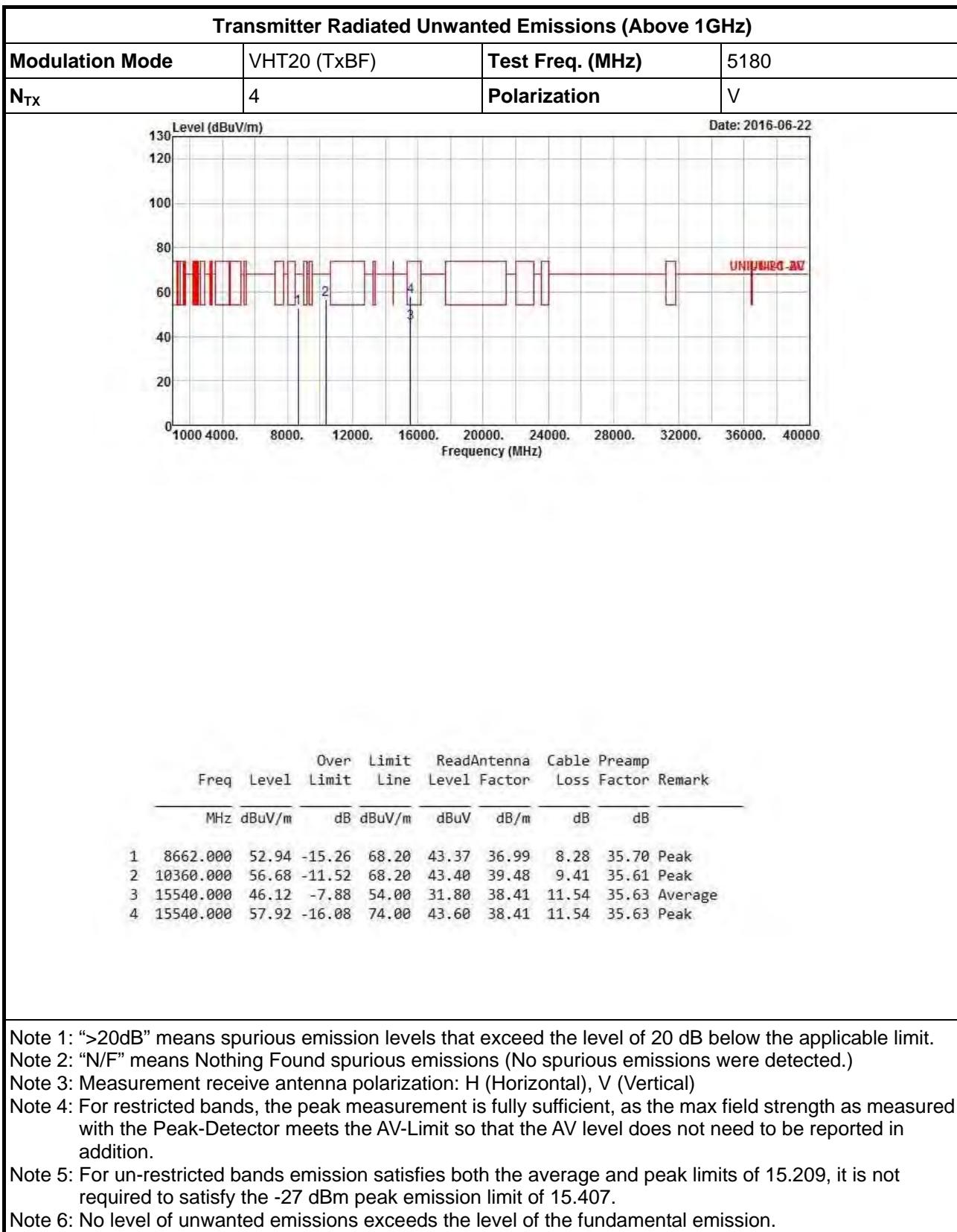
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

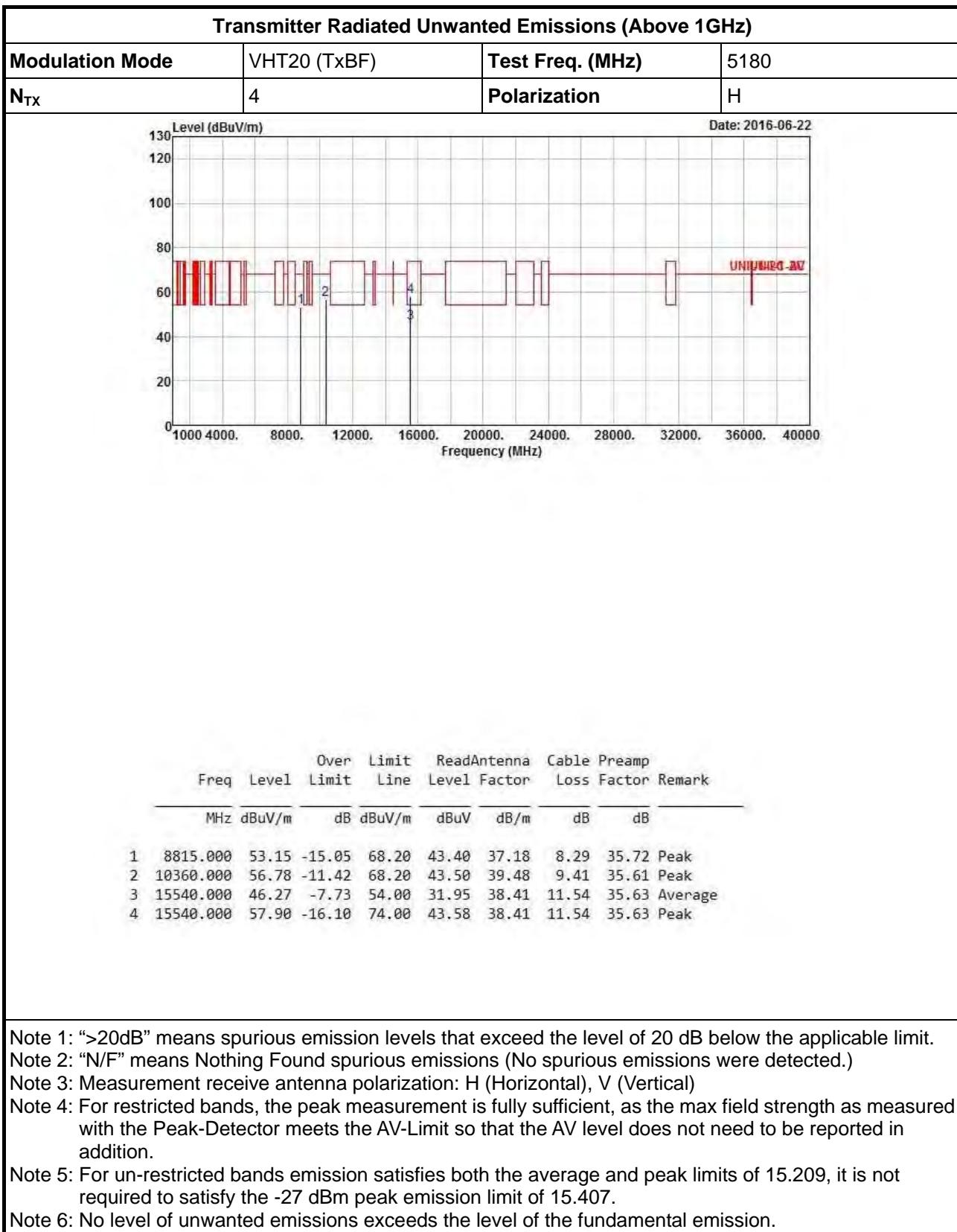
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

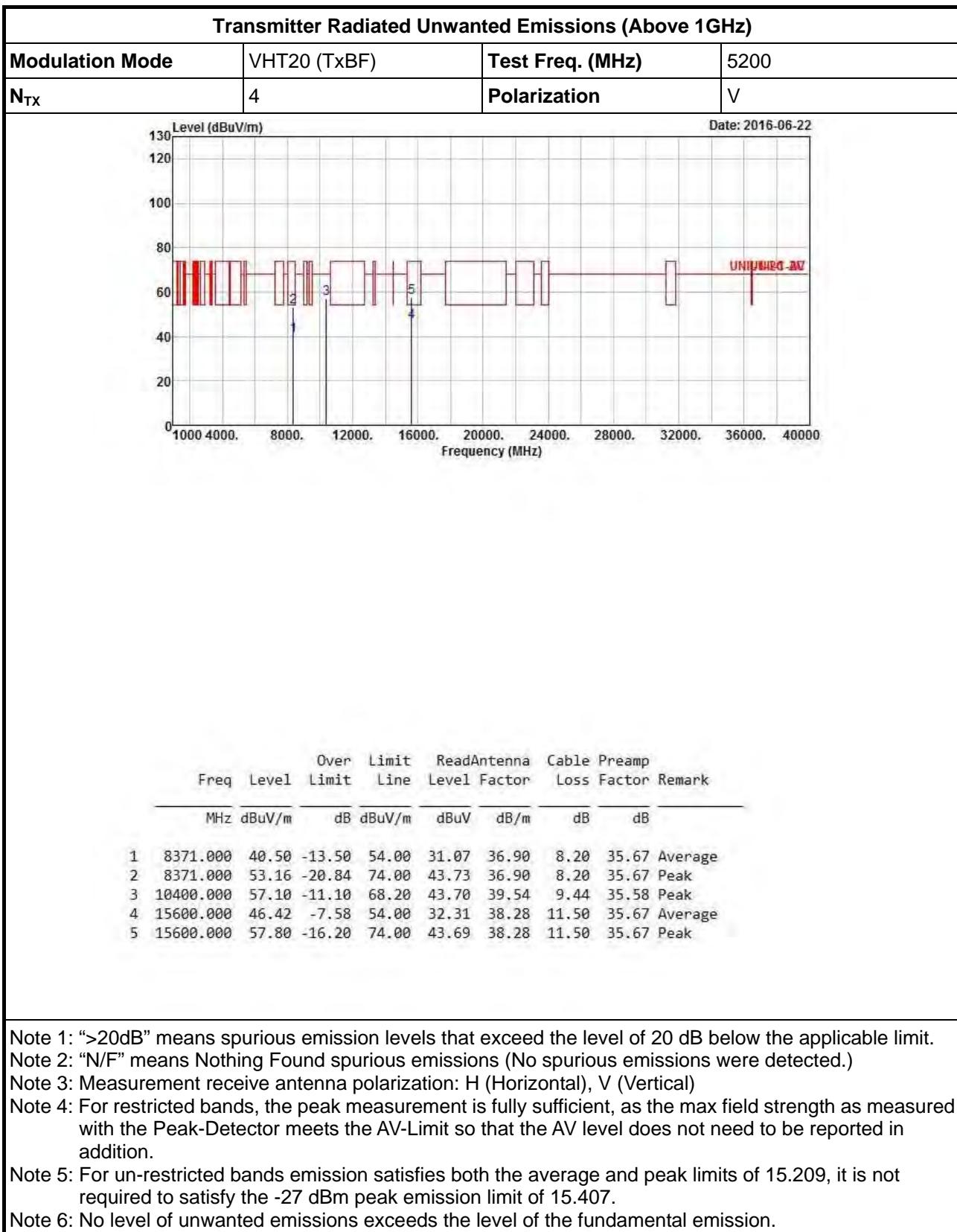
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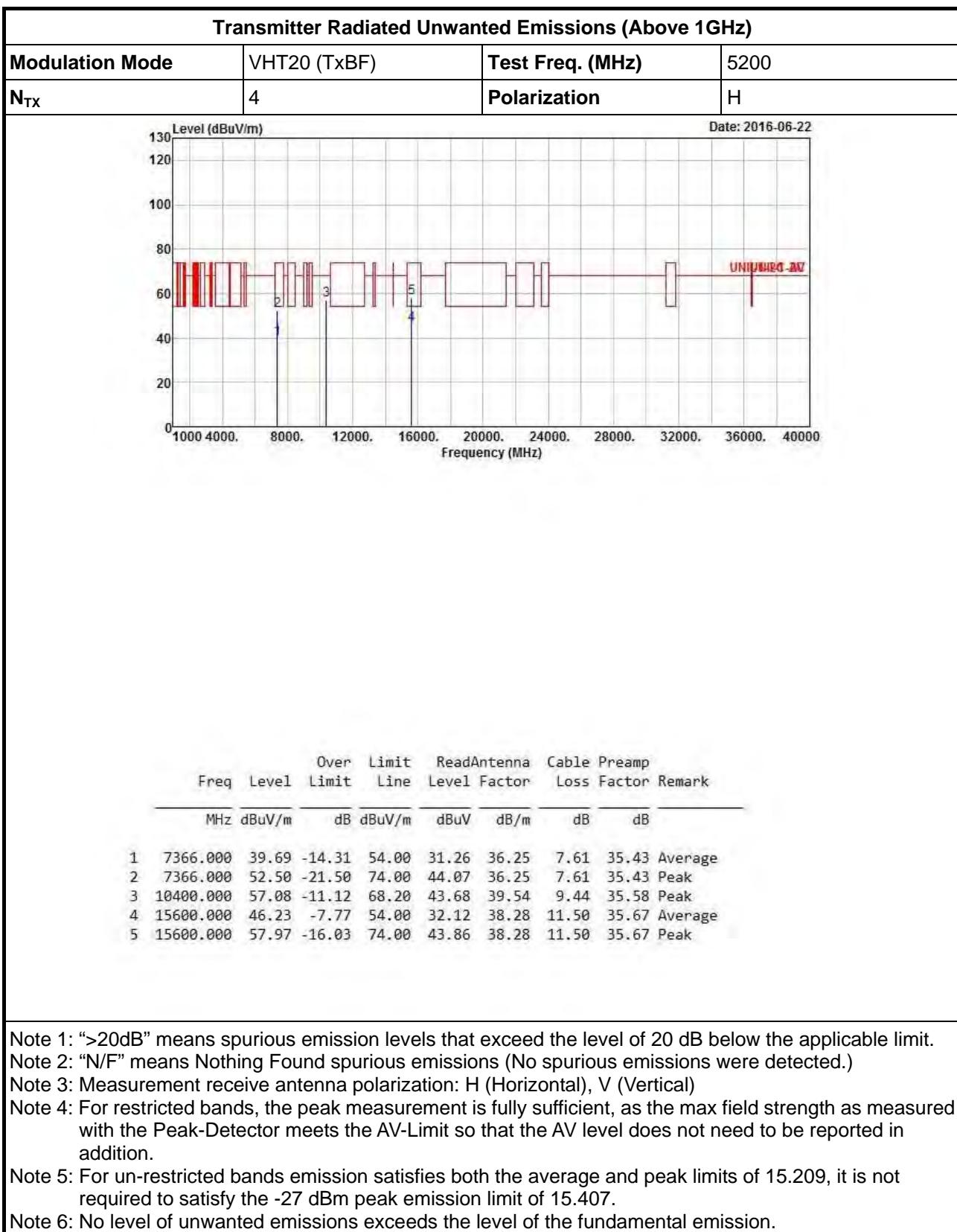
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.











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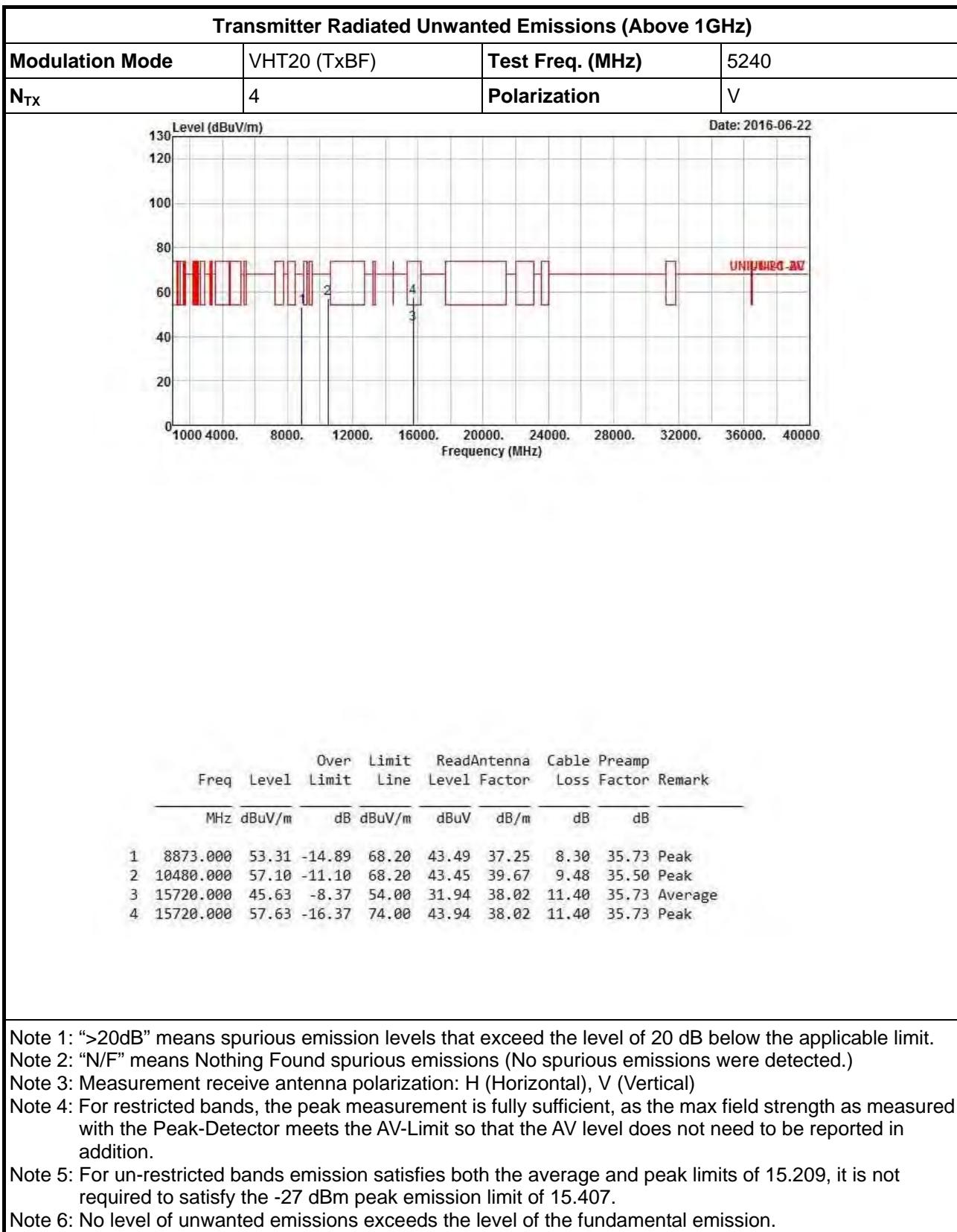
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

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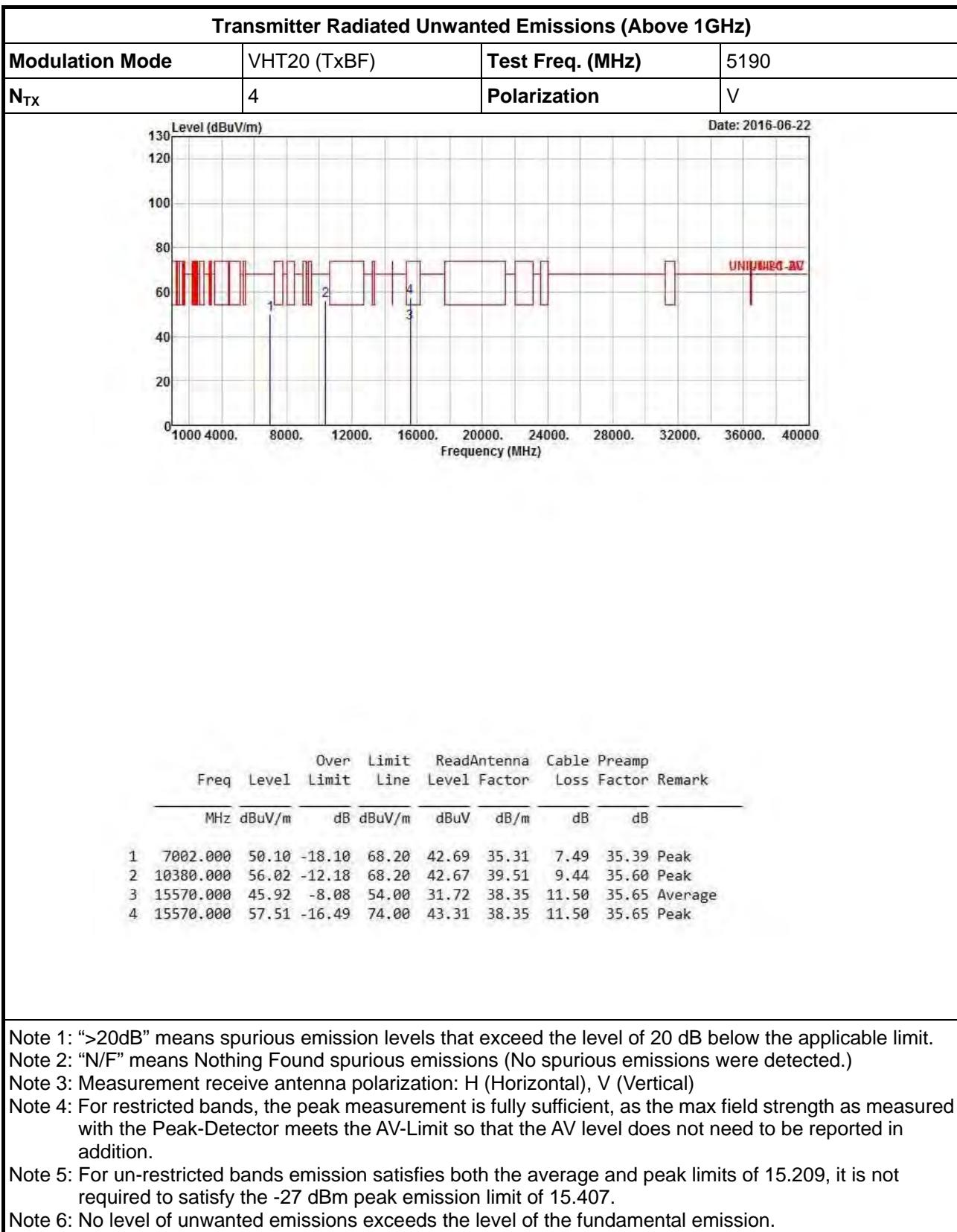


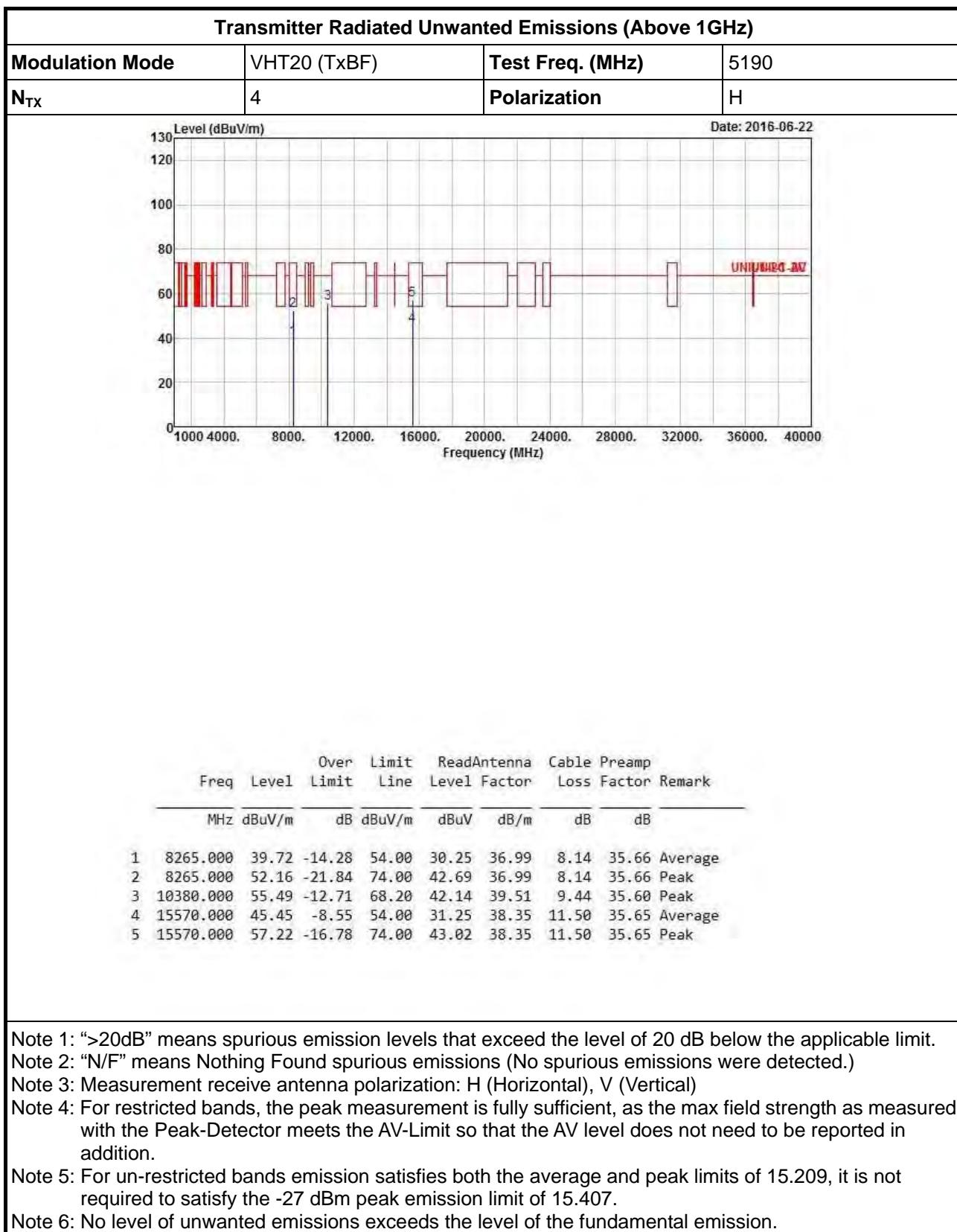


Transmitter Radiated Unwanted Emissions

Appendix E

Transmitter Radiated Unwanted Emissions (Above 1GHz)																																																																					
Modulation Mode	VHT20 (TxBF)		Test Freq. (MHz)	5240																																																																	
N _{TX}	4		Polarization	H																																																																	
Level (dB _{uV/m})									Date: 2016-06-22																																																												
1000	4000.	8000.	12000.	16000.	20000.	24000.	28000.	32000.	36000. 40000																																																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; width: 10%;">Freq</th> <th style="text-align: center; width: 10%;">Over Limit</th> <th style="text-align: center; width: 10%;">Limit Line</th> <th style="text-align: center; width: 10%;">ReadAntenna Level</th> <th style="text-align: center; width: 10%;">Cable Loss</th> <th style="text-align: center; width: 10%;">Preamp Factor</th> <th style="text-align: center; width: 10%;">Remark</th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 10%;"></th> <th style="text-align: center; width: 10%;"></th> </tr> <tr> <th style="text-align: center;">MHz</th> <th style="text-align: center;">dB_{uV/m}</th> <th style="text-align: center;">dB</th> <th style="text-align: center;">dB_{uV/m}</th> <th style="text-align: center;">dB_{uV}</th> <th style="text-align: center;">dB/m</th> <th style="text-align: center;">dB</th> <th style="text-align: center;">dB</th> <th style="text-align: center;"></th> <th style="text-align: center;"></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">8936.000</td> <td style="text-align: center;">53.30</td> <td style="text-align: center;">-14.90</td> <td style="text-align: center;">68.20</td> <td style="text-align: center;">43.42</td> <td style="text-align: center;">37.32</td> <td style="text-align: center;">8.30</td> <td style="text-align: center;">35.74</td> <td style="text-align: center;">Peak</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">10480.000</td> <td style="text-align: center;">57.03</td> <td style="text-align: center;">-11.17</td> <td style="text-align: center;">68.20</td> <td style="text-align: center;">43.38</td> <td style="text-align: center;">39.67</td> <td style="text-align: center;">9.48</td> <td style="text-align: center;">35.50</td> <td style="text-align: center;">Peak</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">15720.000</td> <td style="text-align: center;">45.48</td> <td style="text-align: center;">-8.52</td> <td style="text-align: center;">54.00</td> <td style="text-align: center;">31.79</td> <td style="text-align: center;">38.02</td> <td style="text-align: center;">11.40</td> <td style="text-align: center;">35.73</td> <td style="text-align: center;">Average</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">15720.000</td> <td style="text-align: center;">57.83</td> <td style="text-align: center;">-16.17</td> <td style="text-align: center;">74.00</td> <td style="text-align: center;">44.14</td> <td style="text-align: center;">38.02</td> <td style="text-align: center;">11.40</td> <td style="text-align: center;">35.73</td> <td style="text-align: center;">Peak</td> </tr> </tbody> </table>										Freq	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	Remark				MHz	dB _{uV/m}	dB	dB _{uV/m}	dB _{uV}	dB/m	dB	dB			1	8936.000	53.30	-14.90	68.20	43.42	37.32	8.30	35.74	Peak	2	10480.000	57.03	-11.17	68.20	43.38	39.67	9.48	35.50	Peak	3	15720.000	45.48	-8.52	54.00	31.79	38.02	11.40	35.73	Average	4	15720.000	57.83	-16.17	74.00	44.14	38.02	11.40	35.73	Peak
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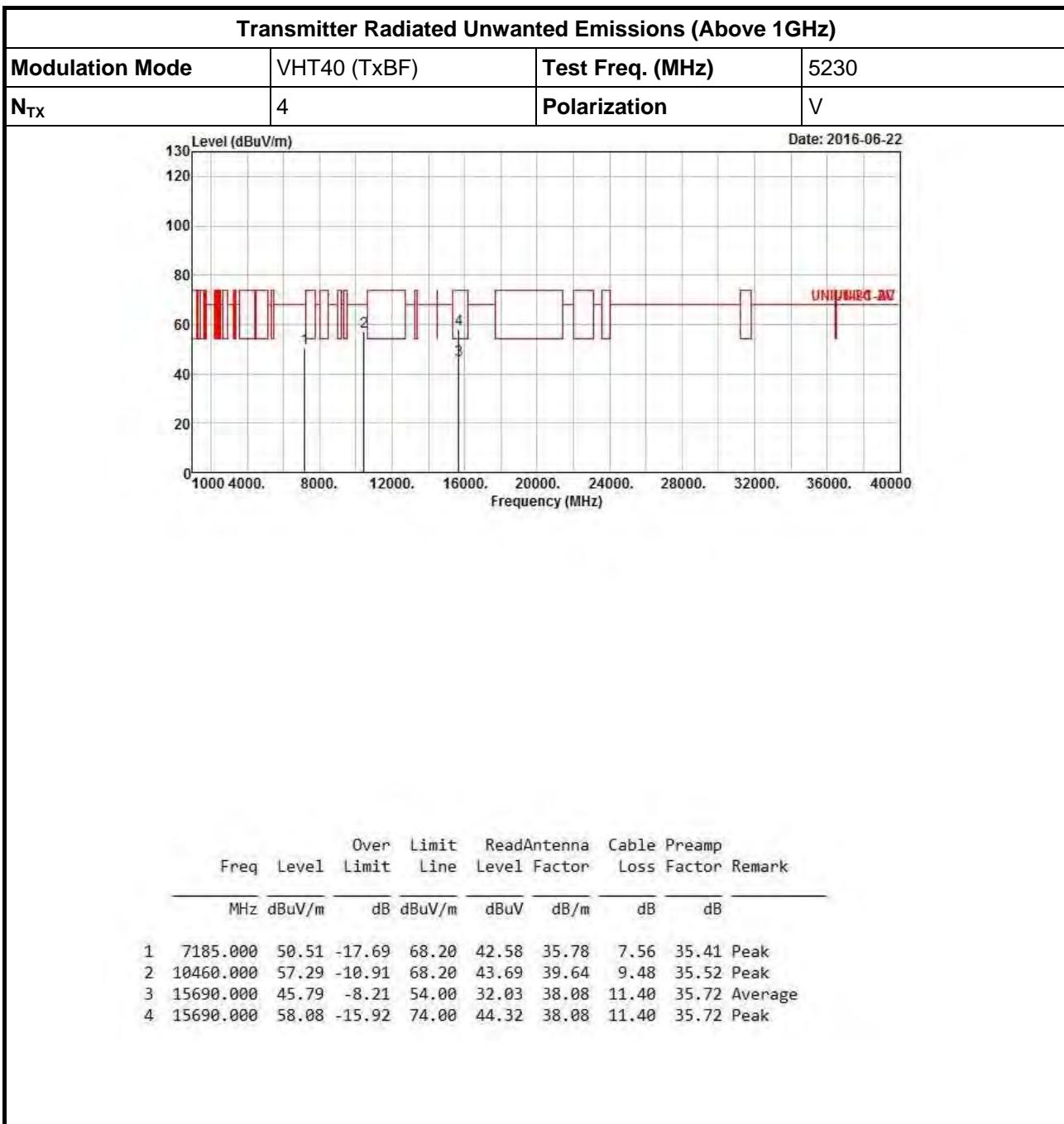
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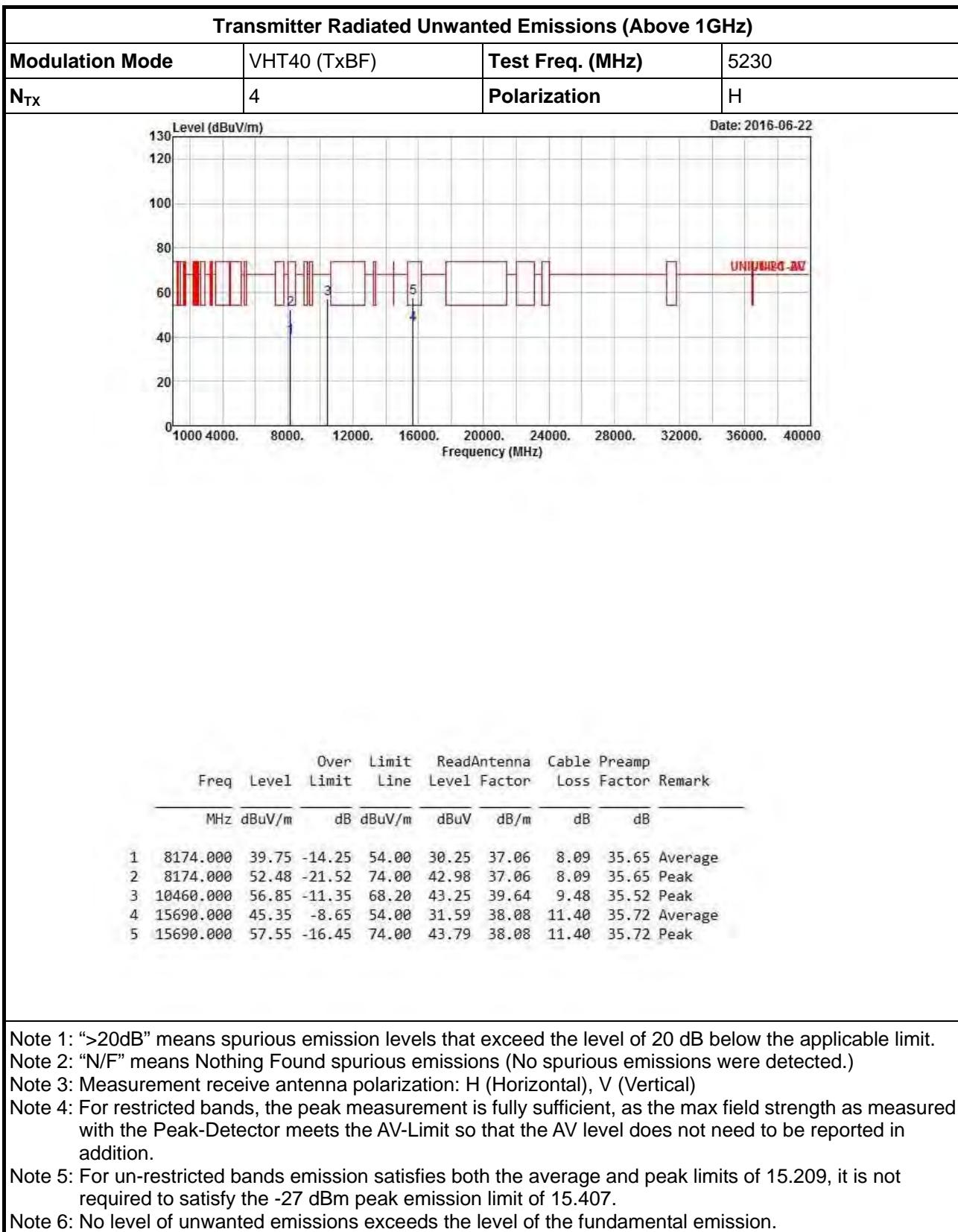
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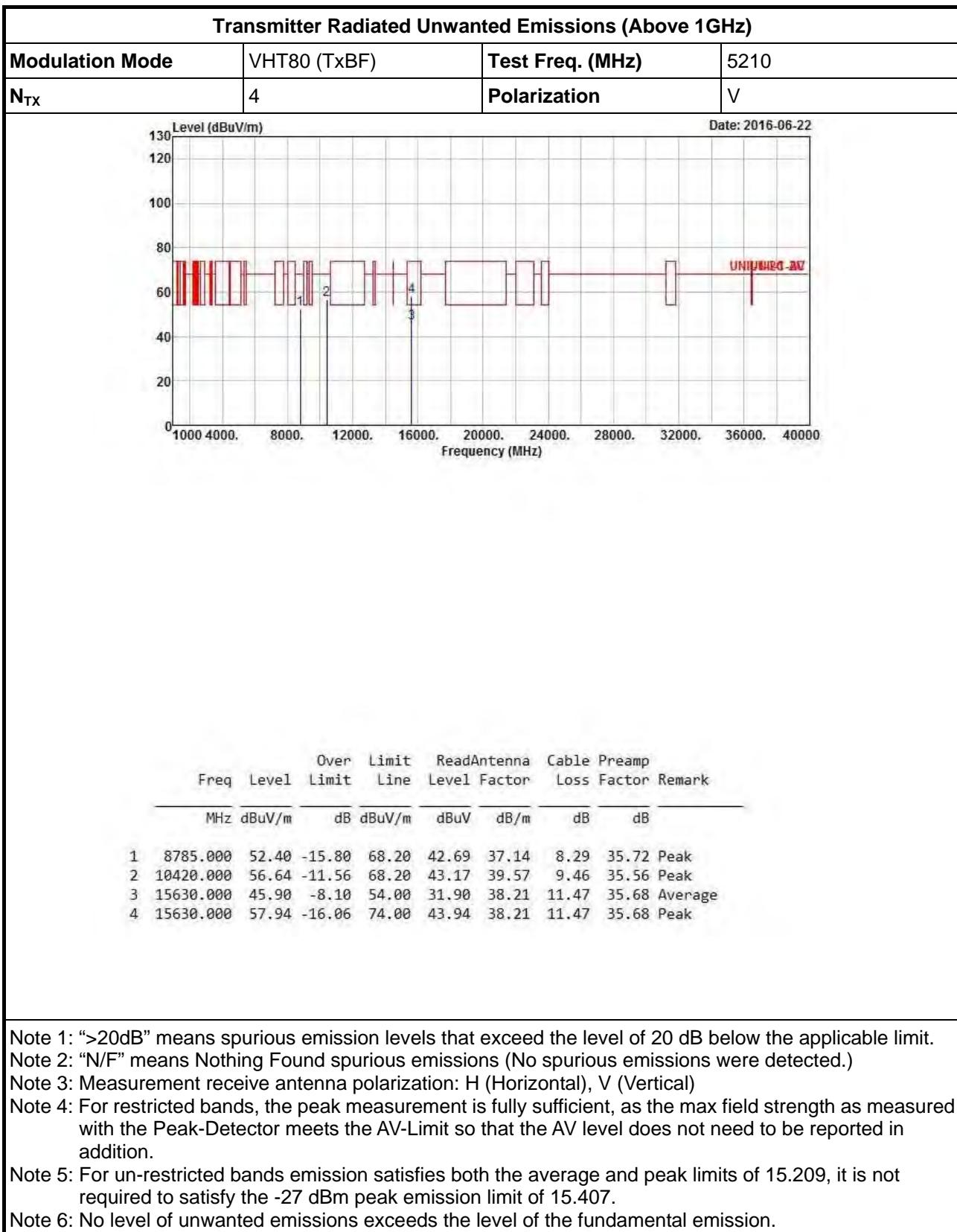
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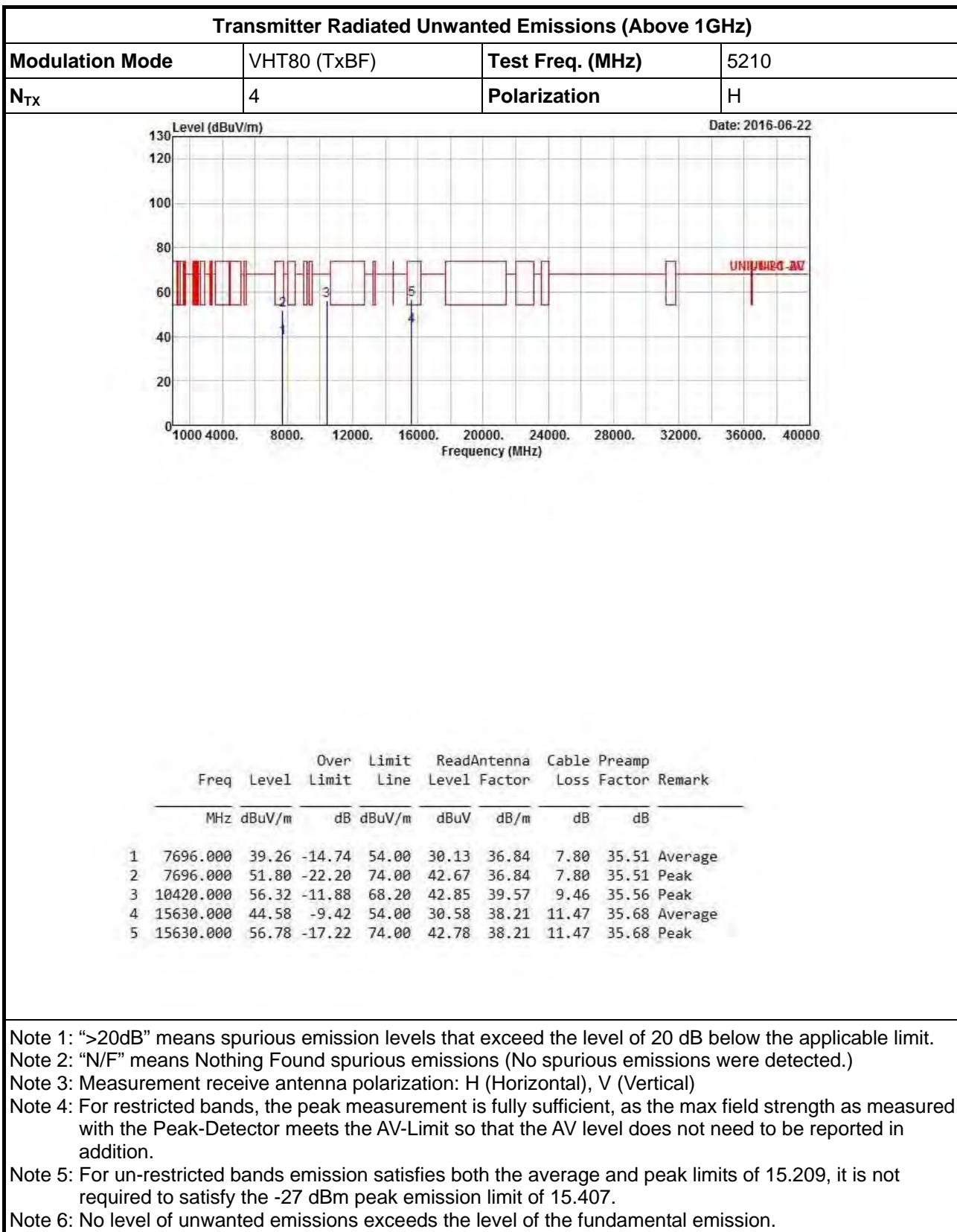
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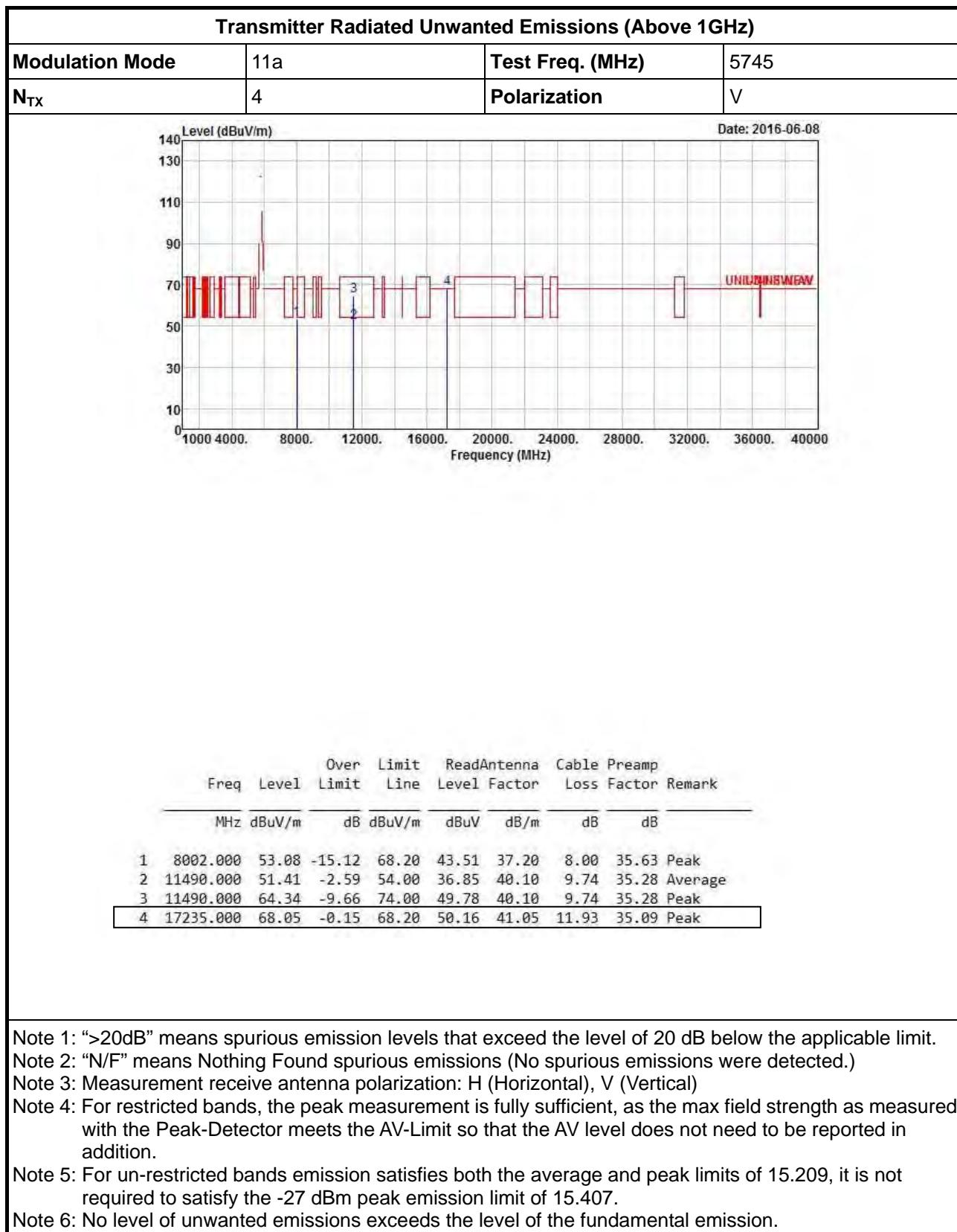
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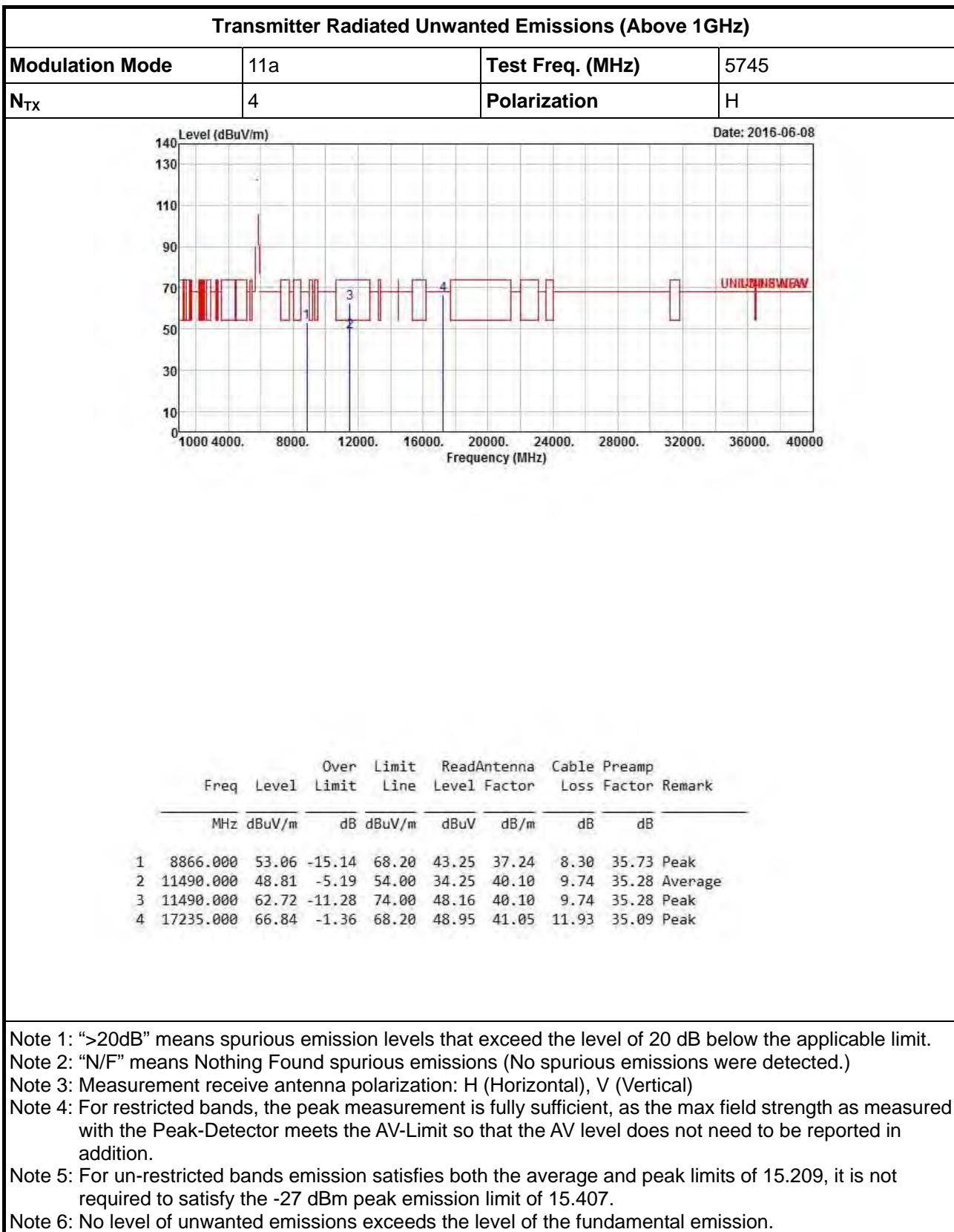
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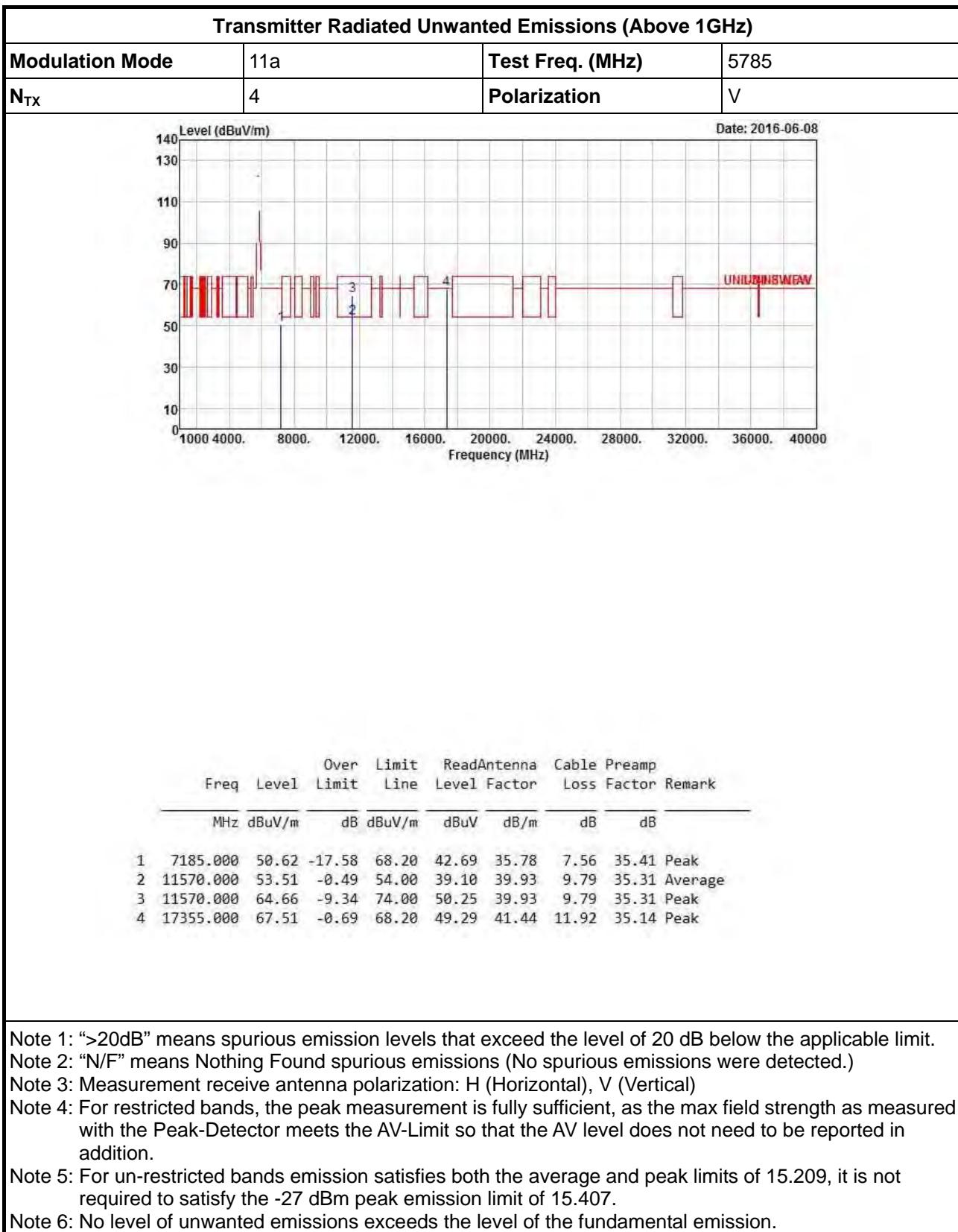
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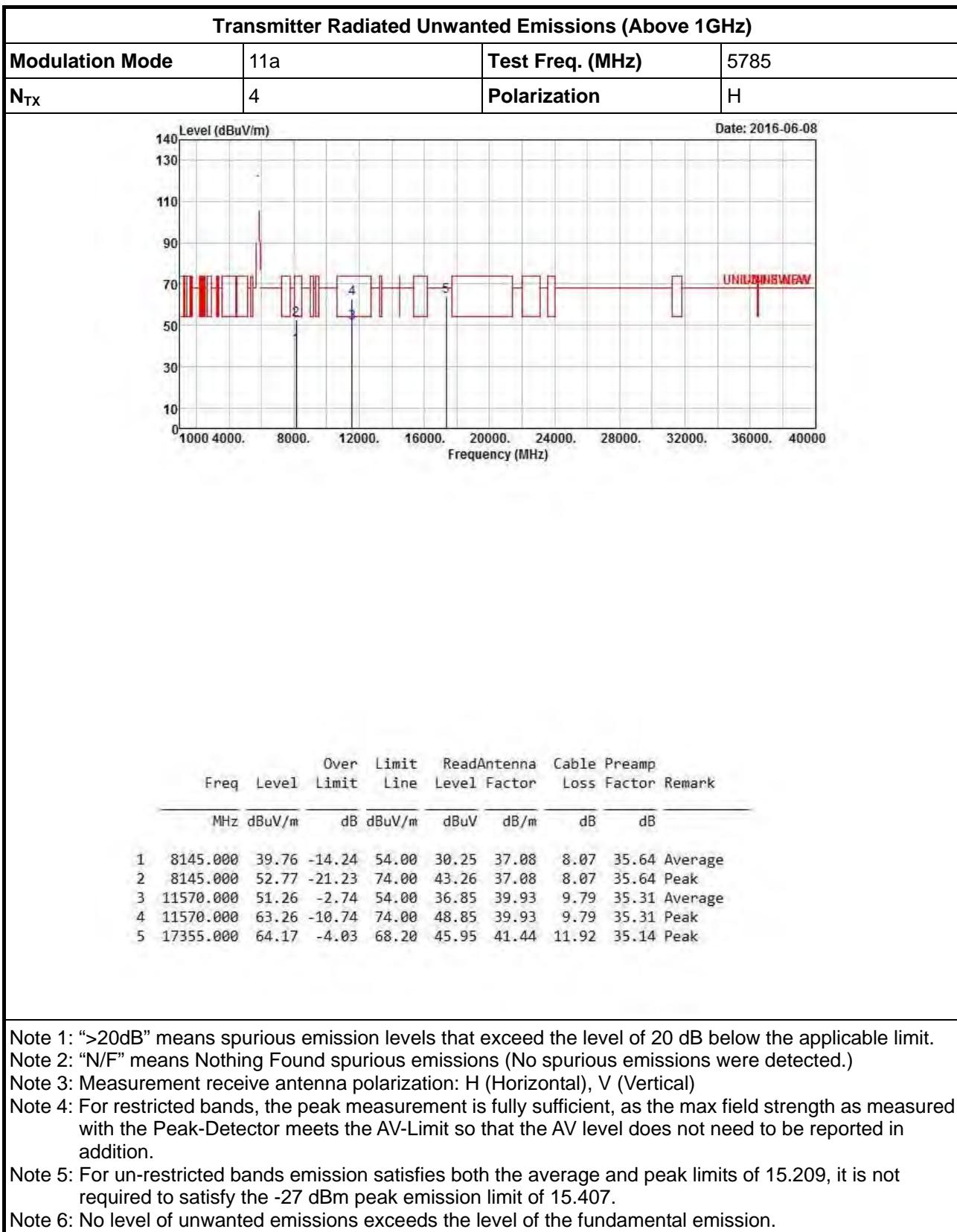


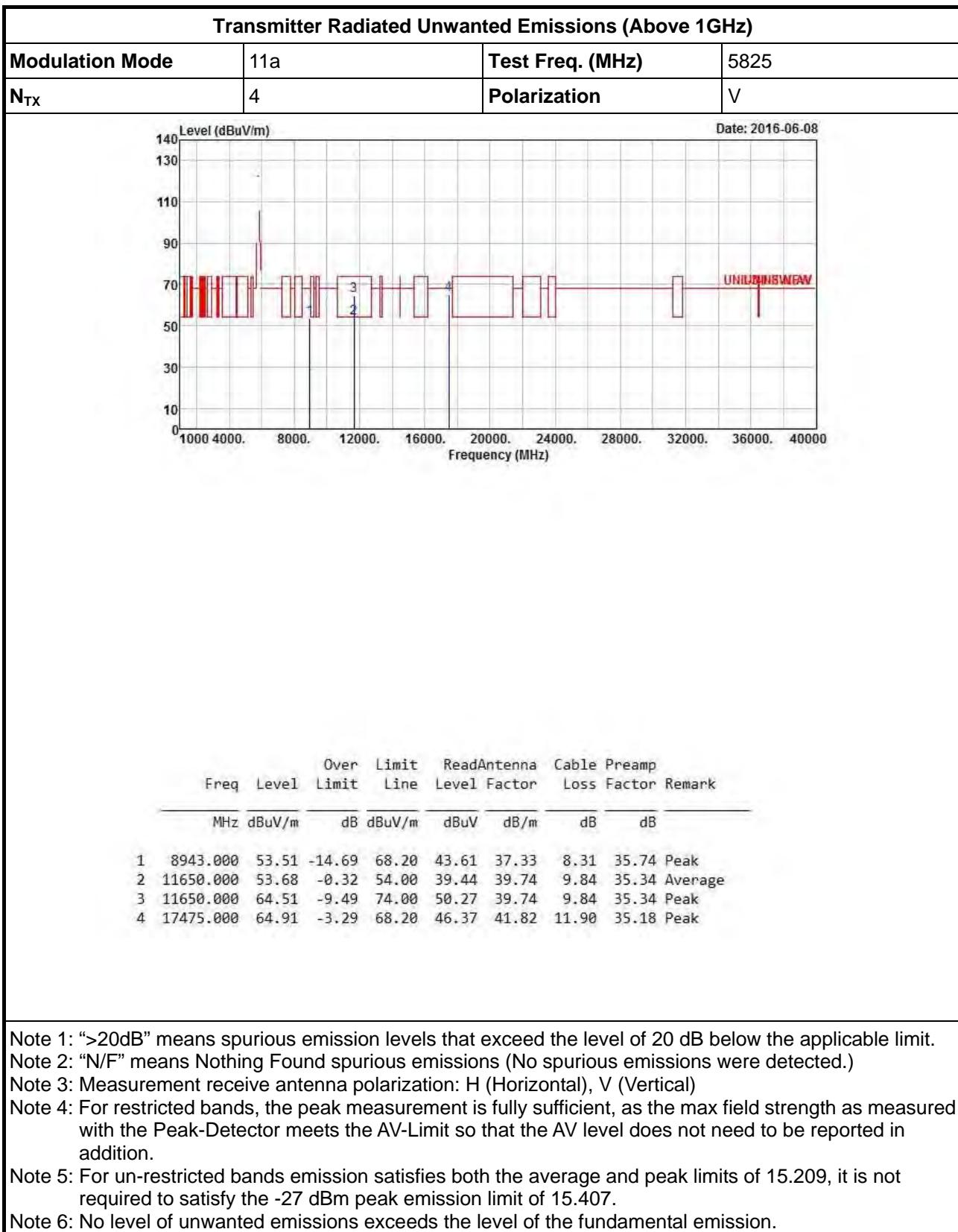
Transmitter Radiated Unwanted Emissions (Above 1GHz) for 5725-5850MHz

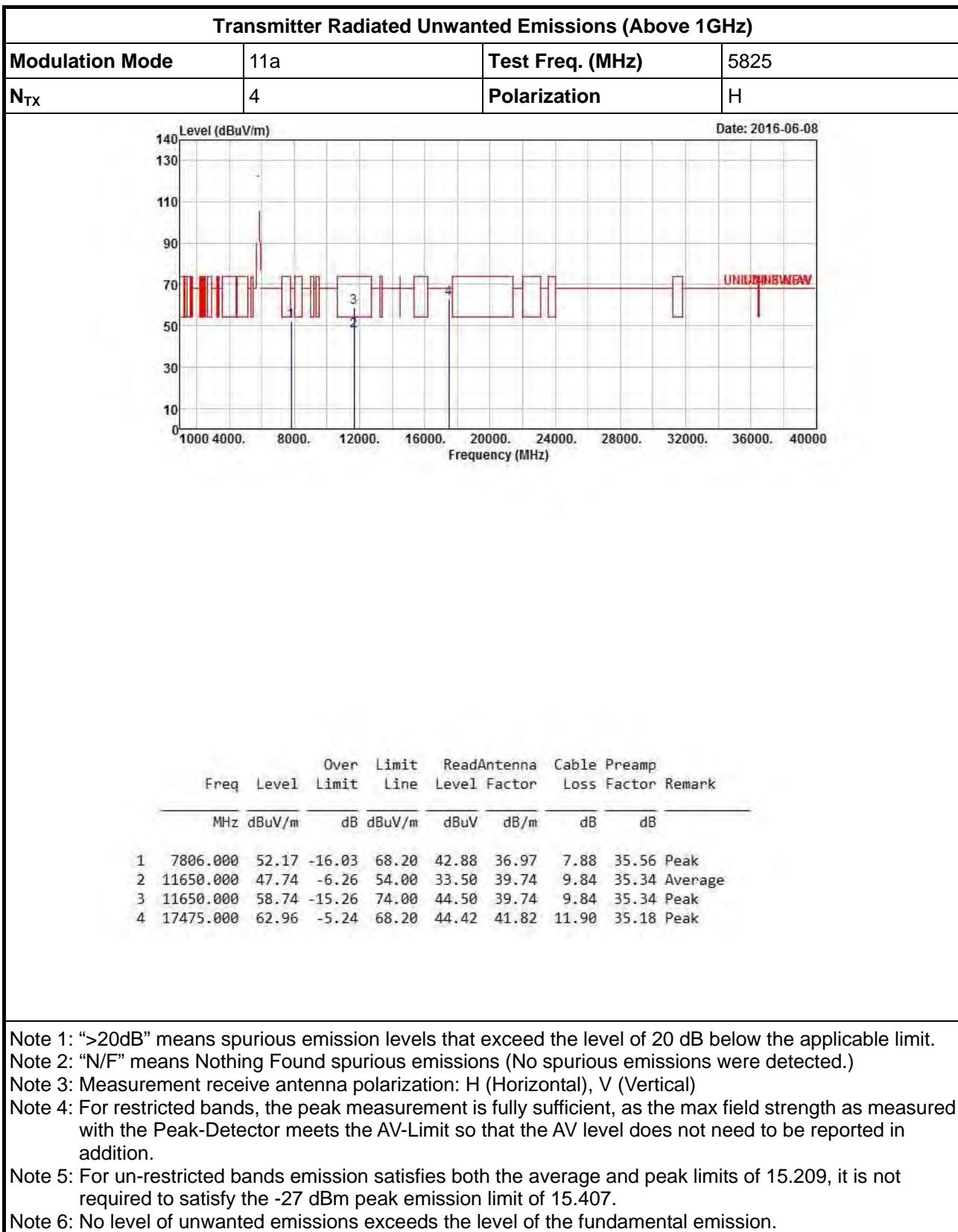


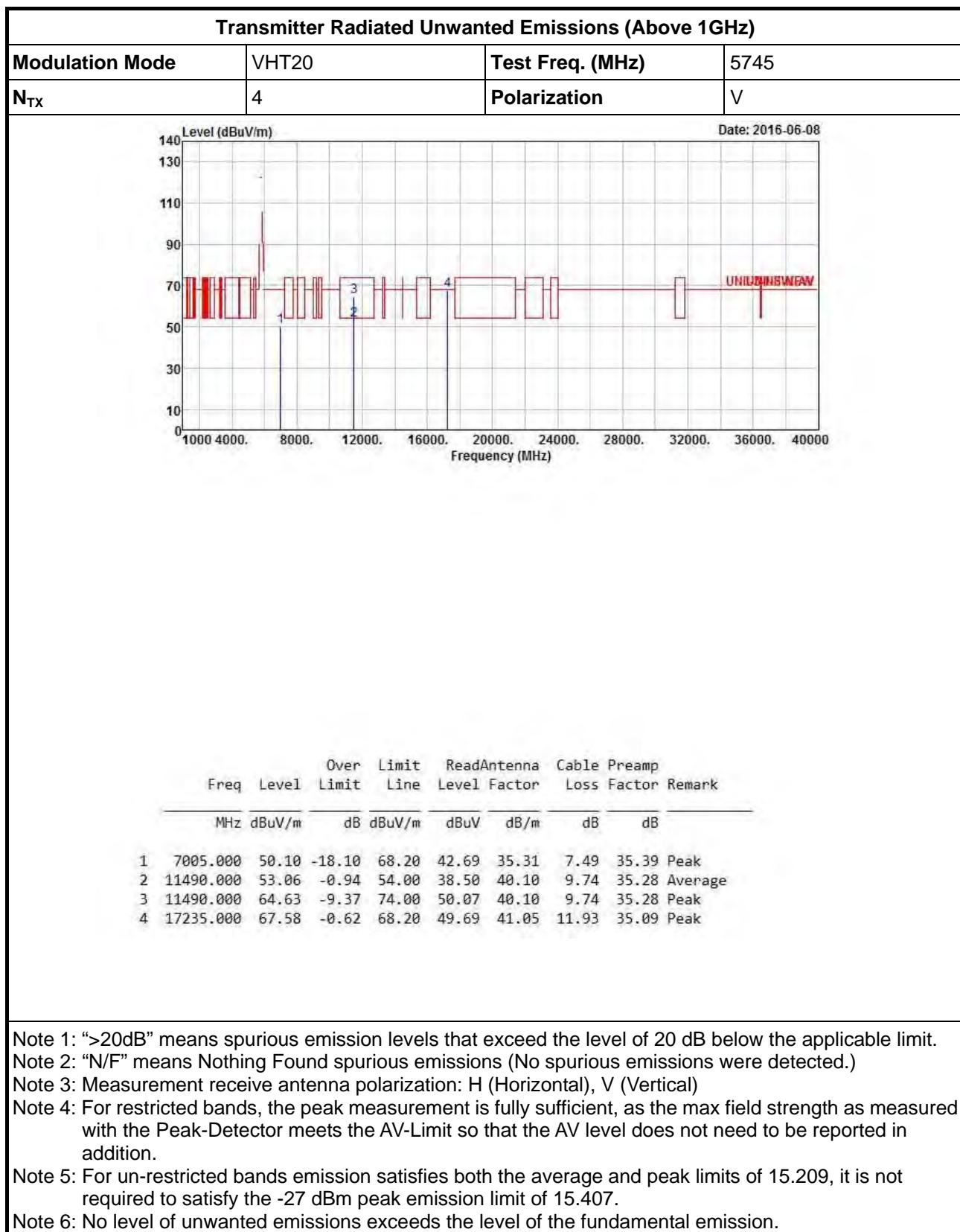


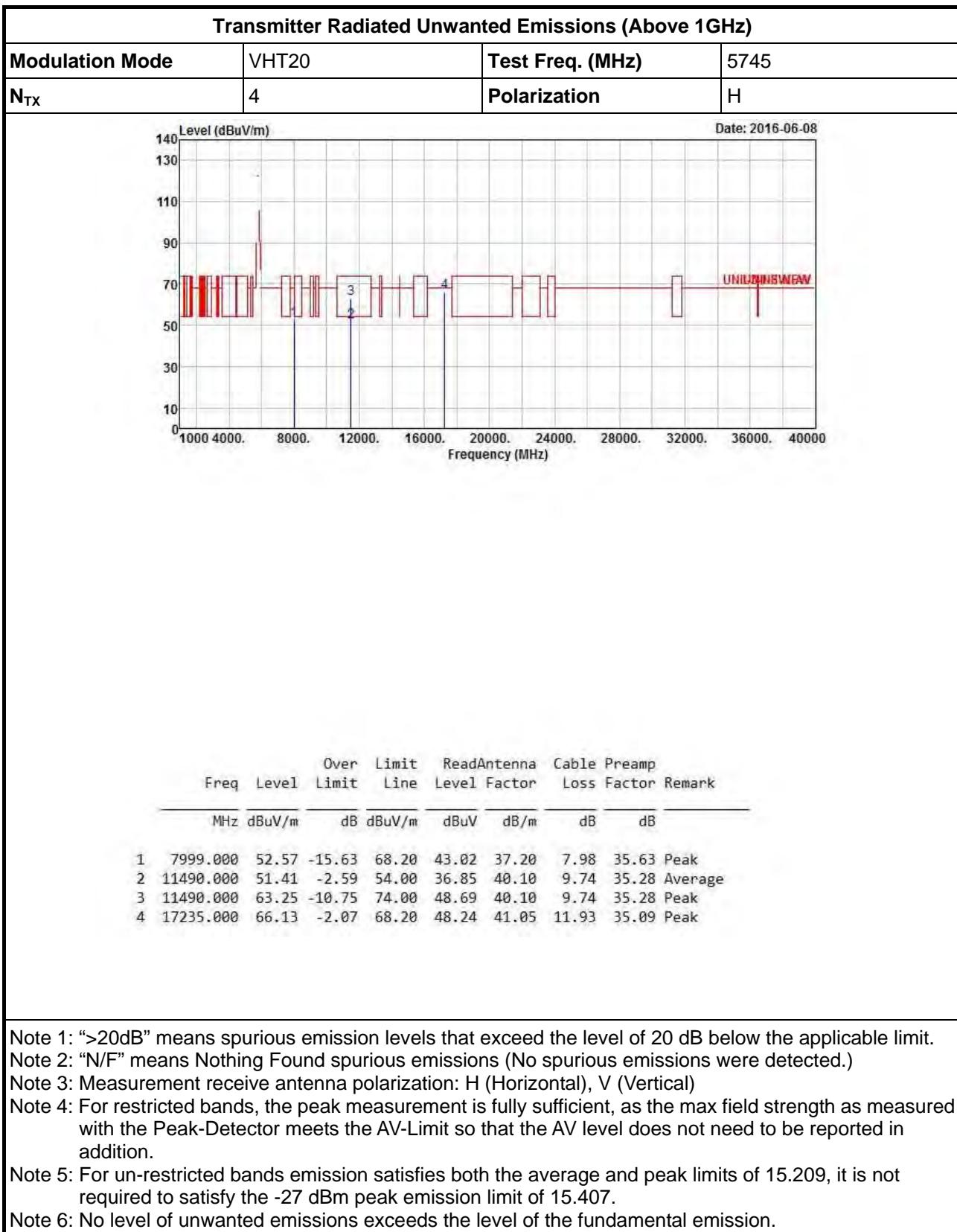


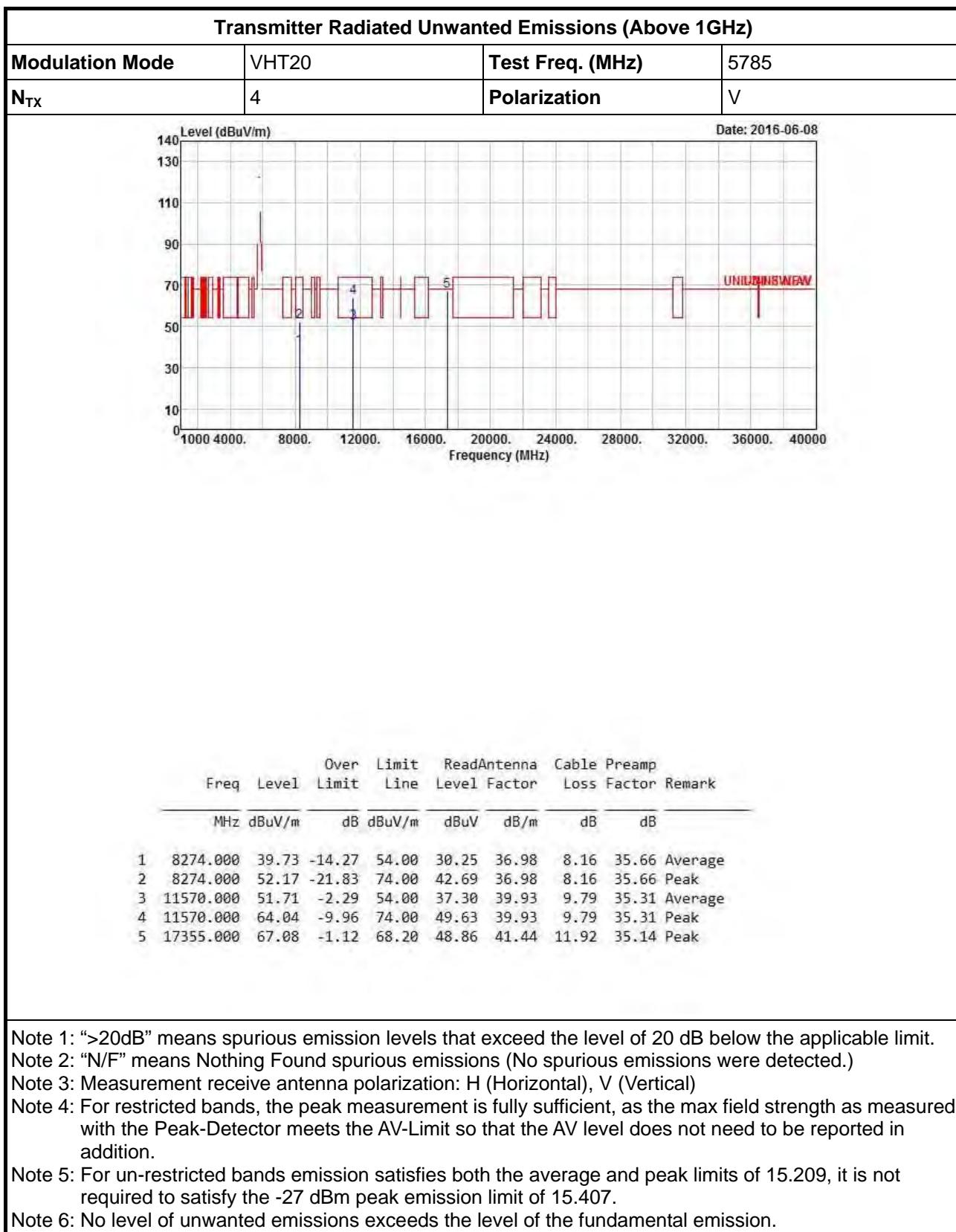


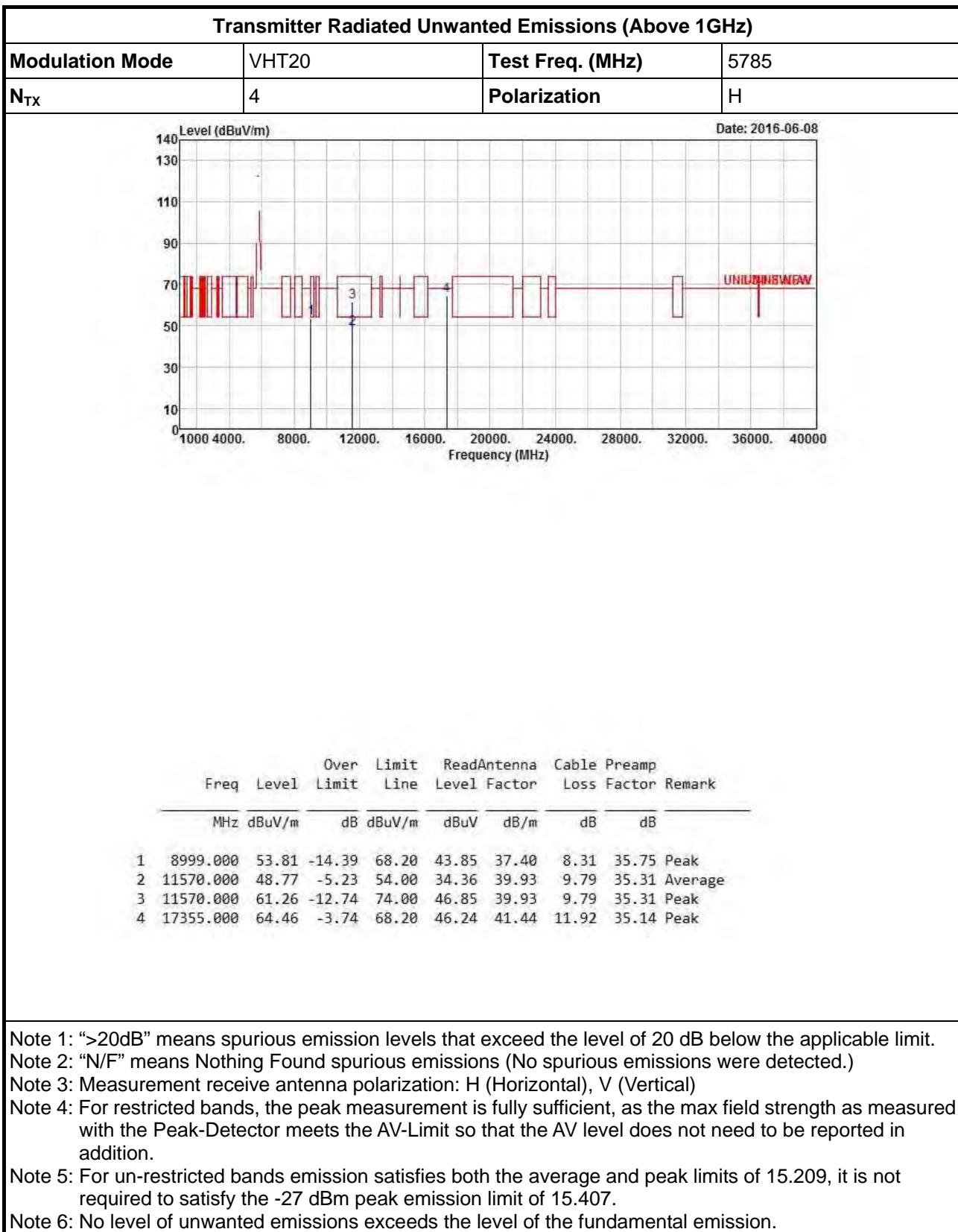


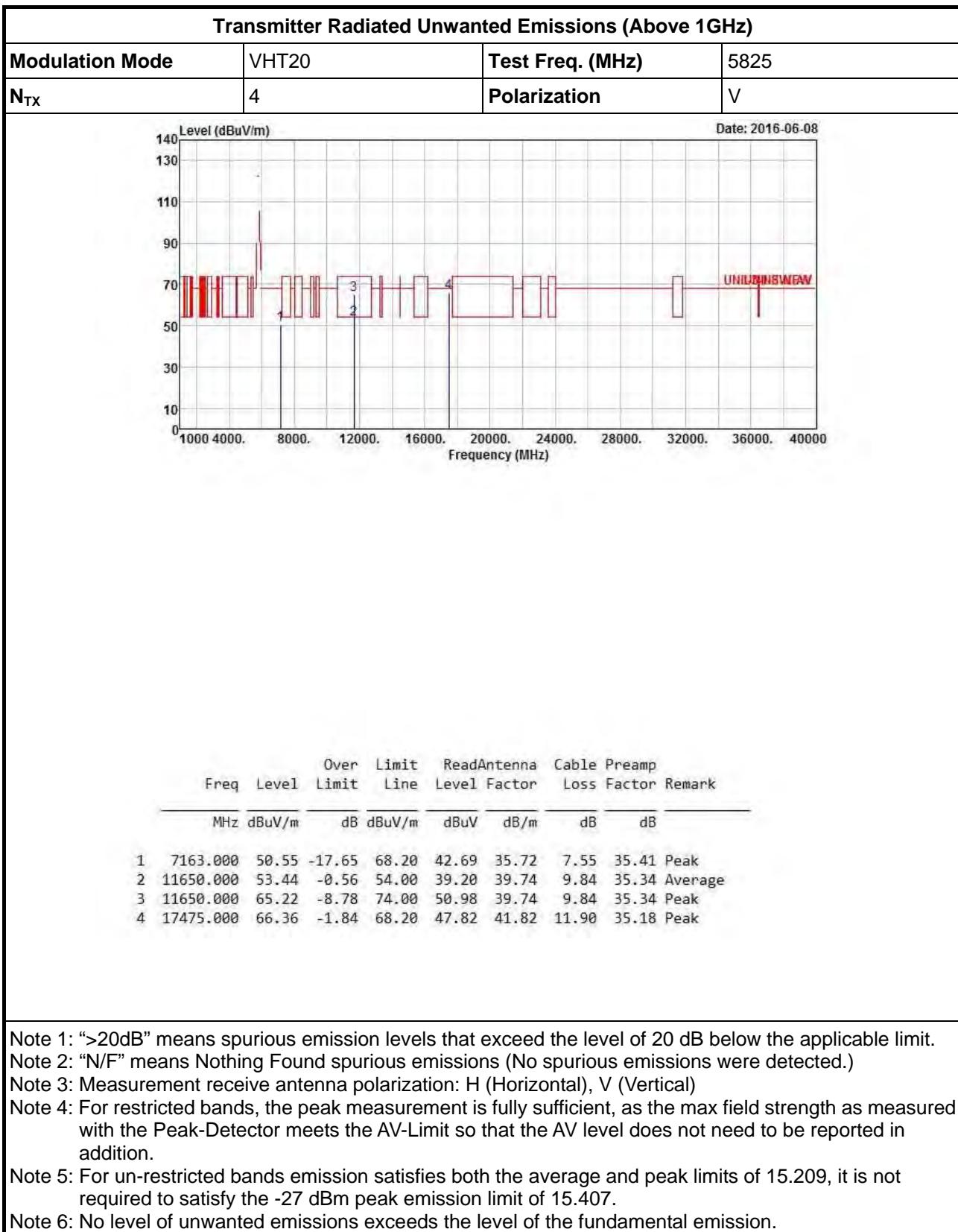












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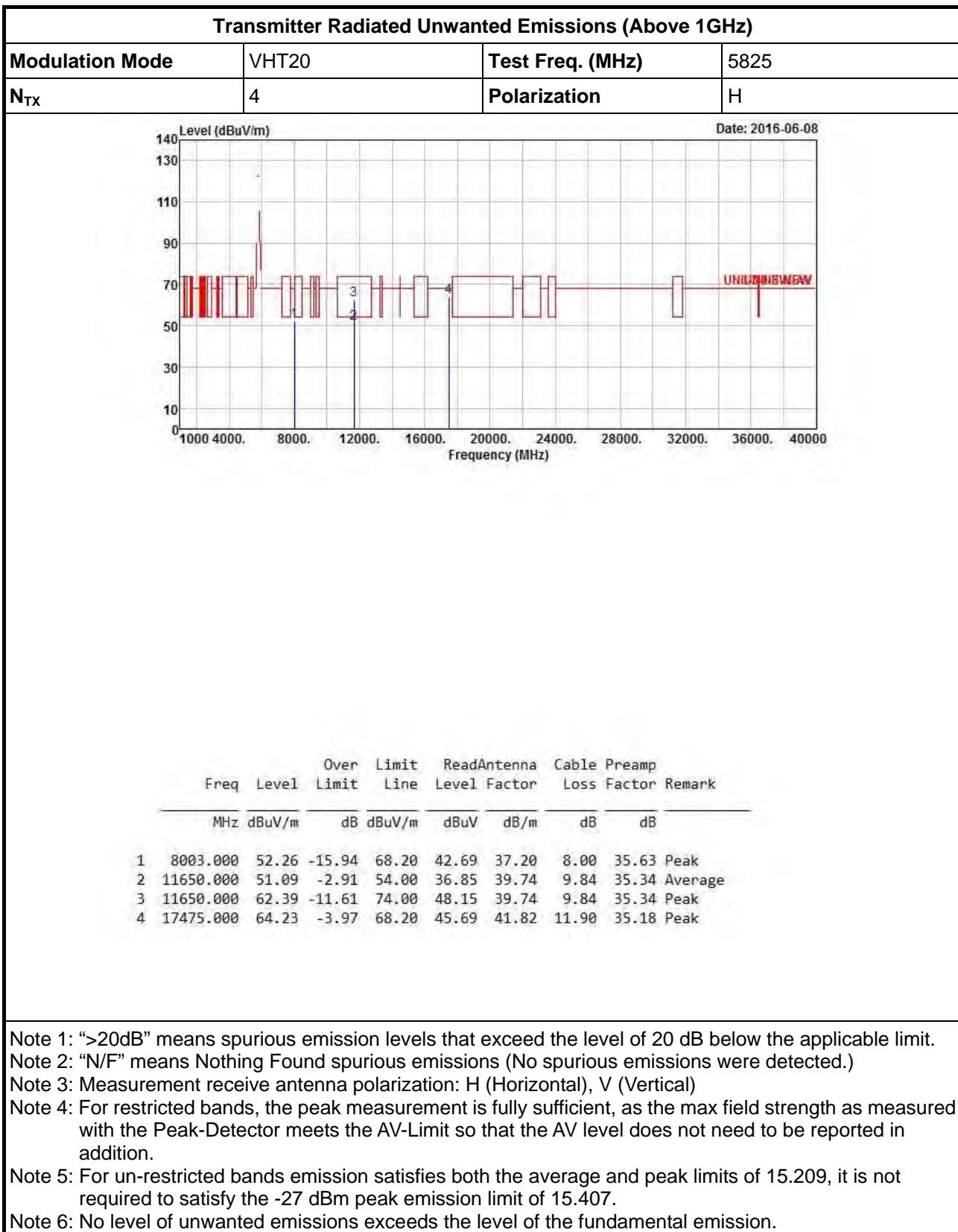
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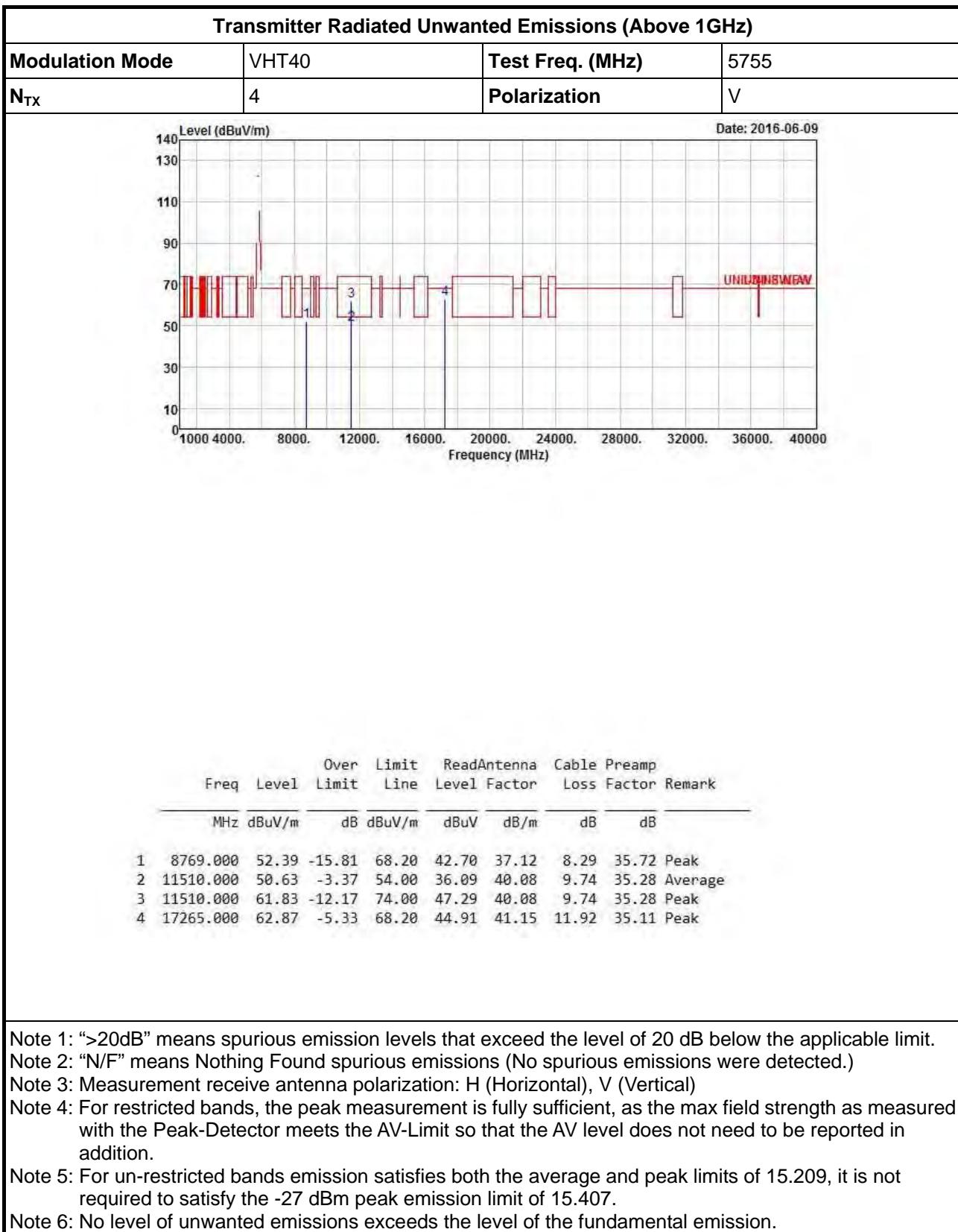
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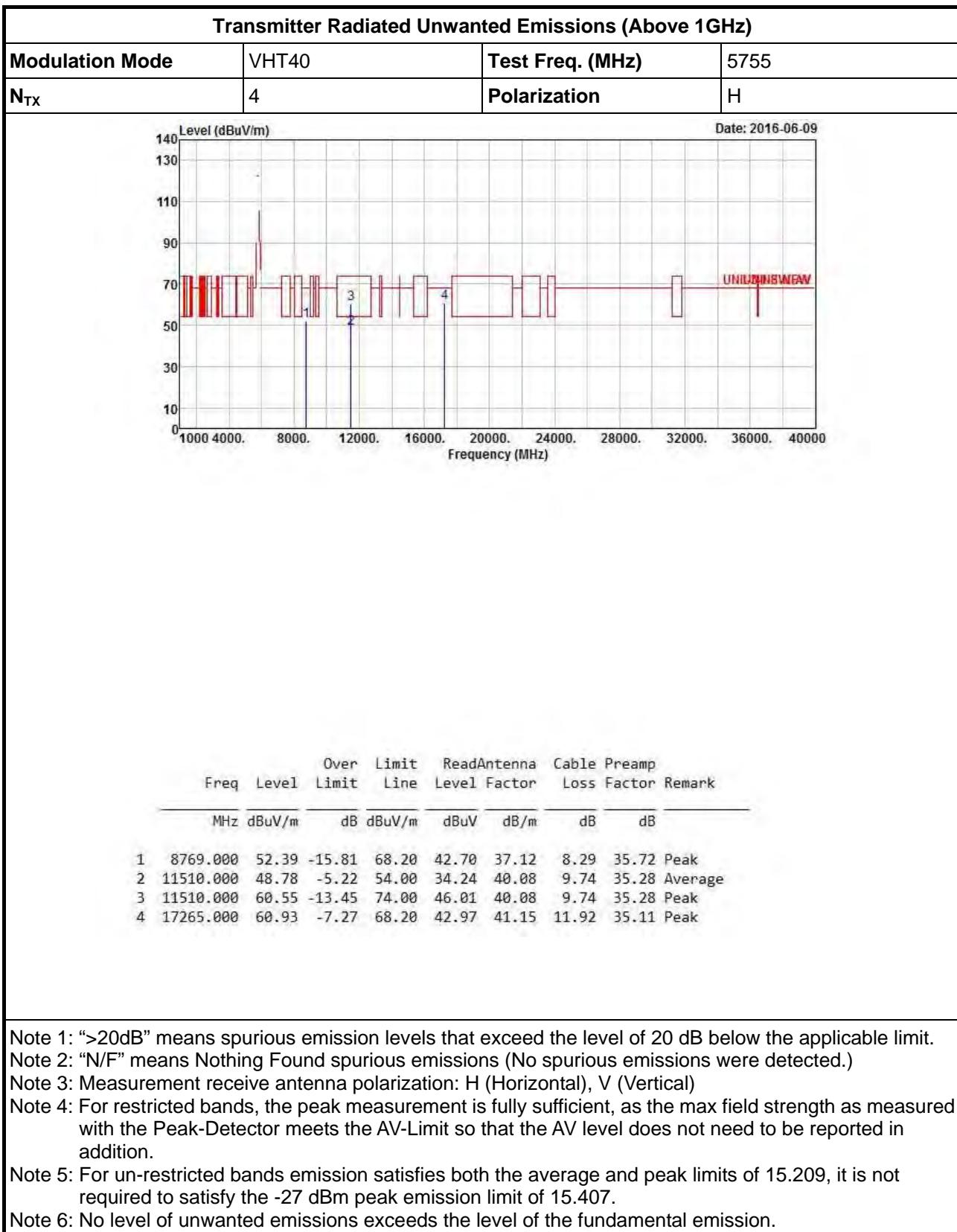
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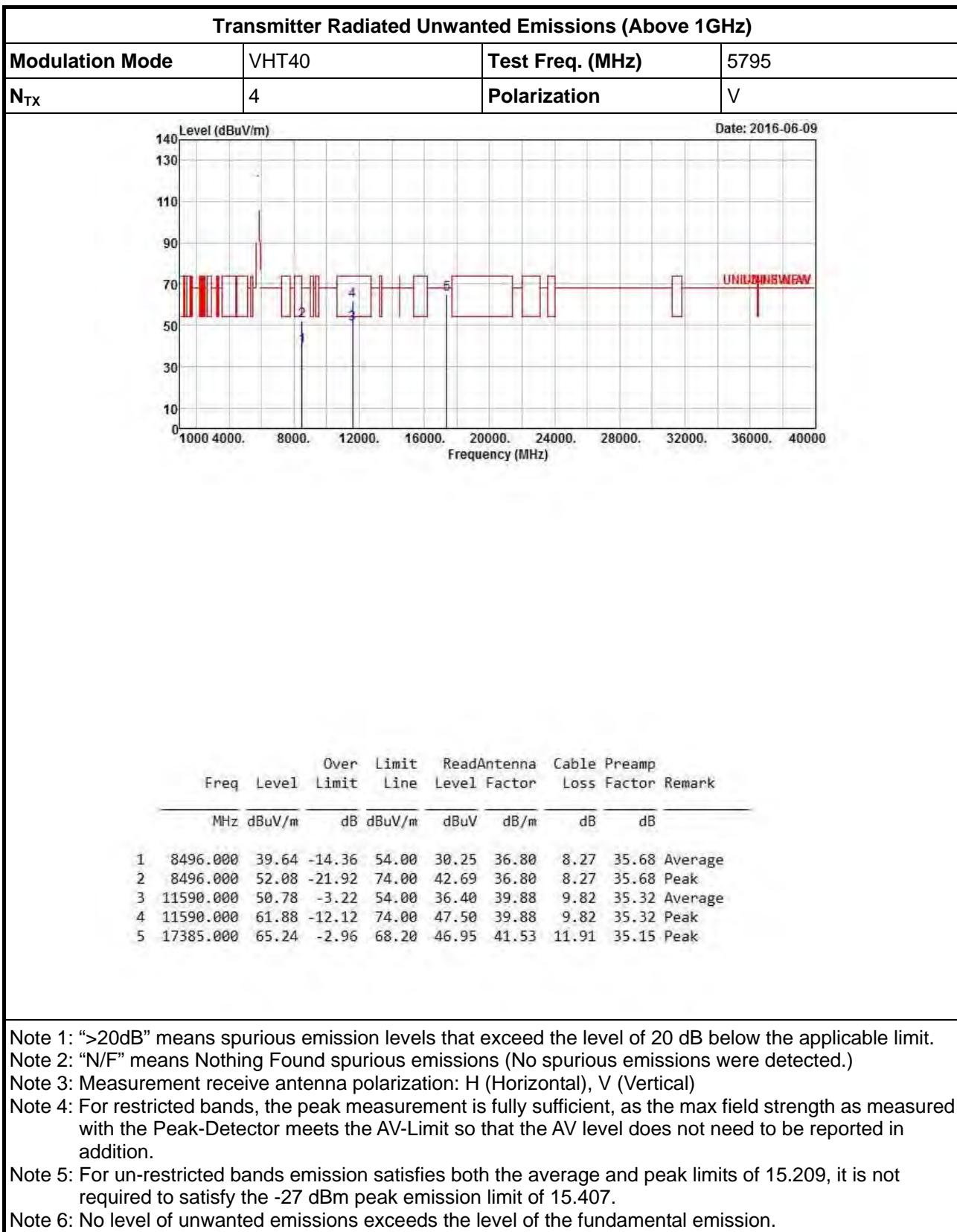
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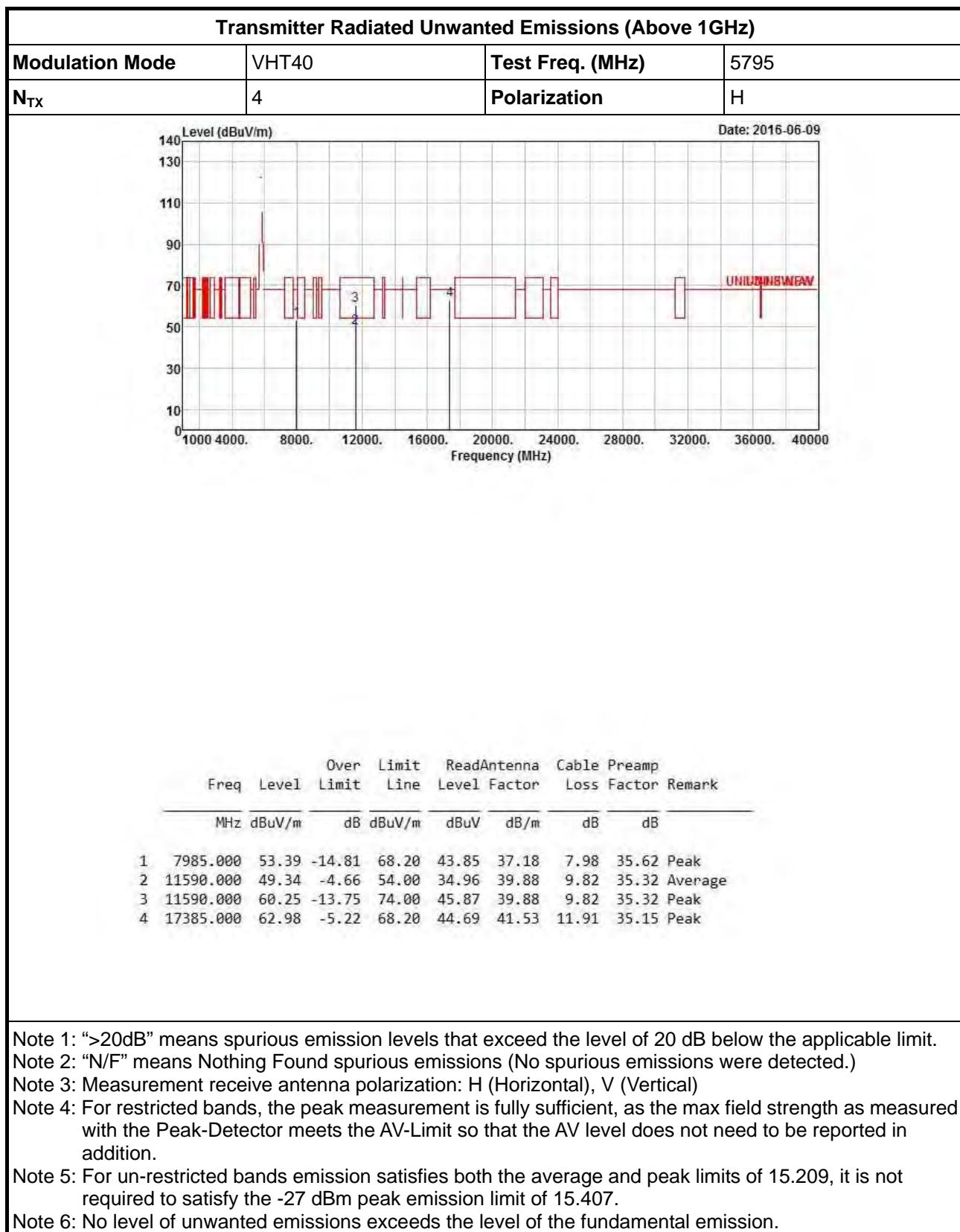
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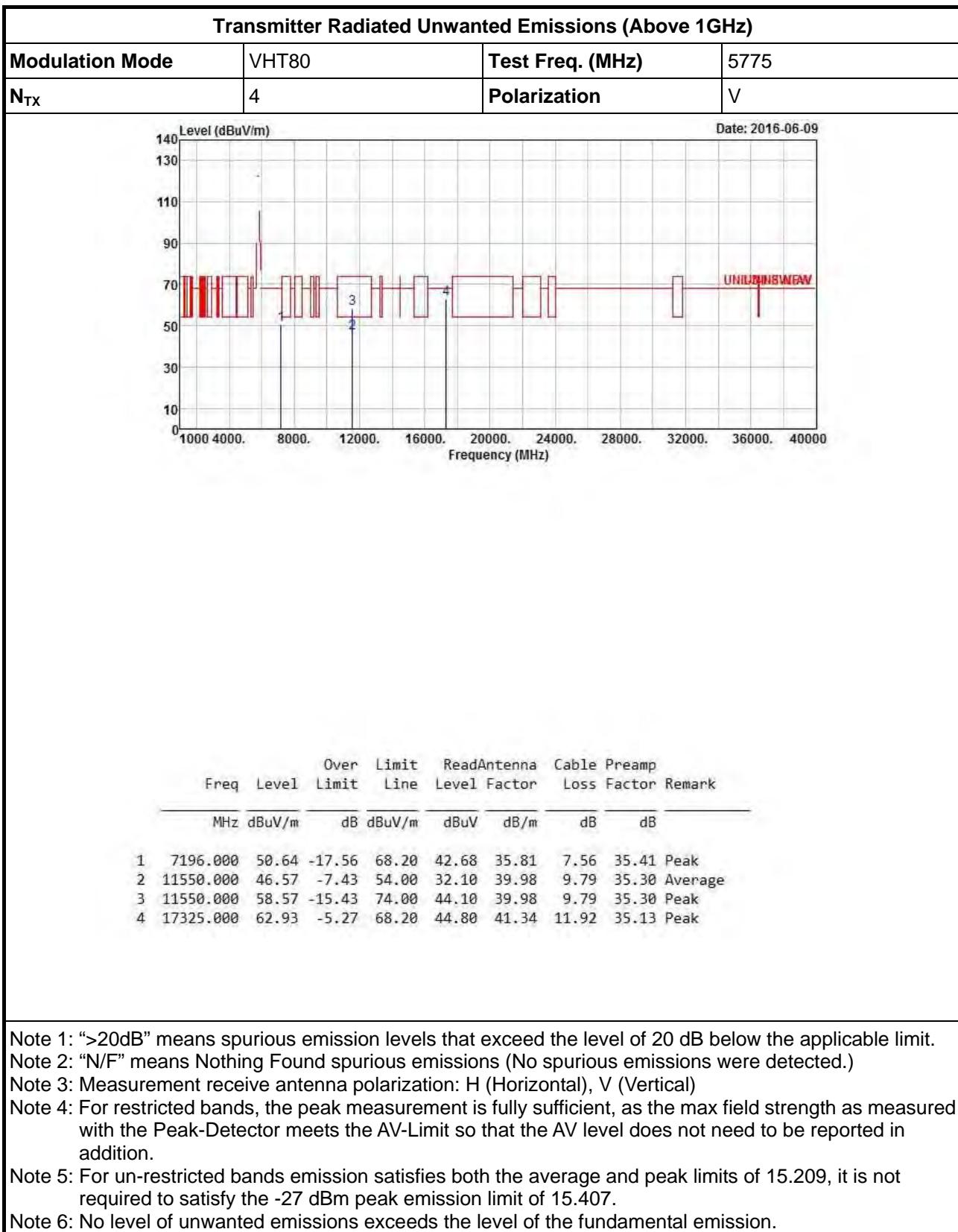
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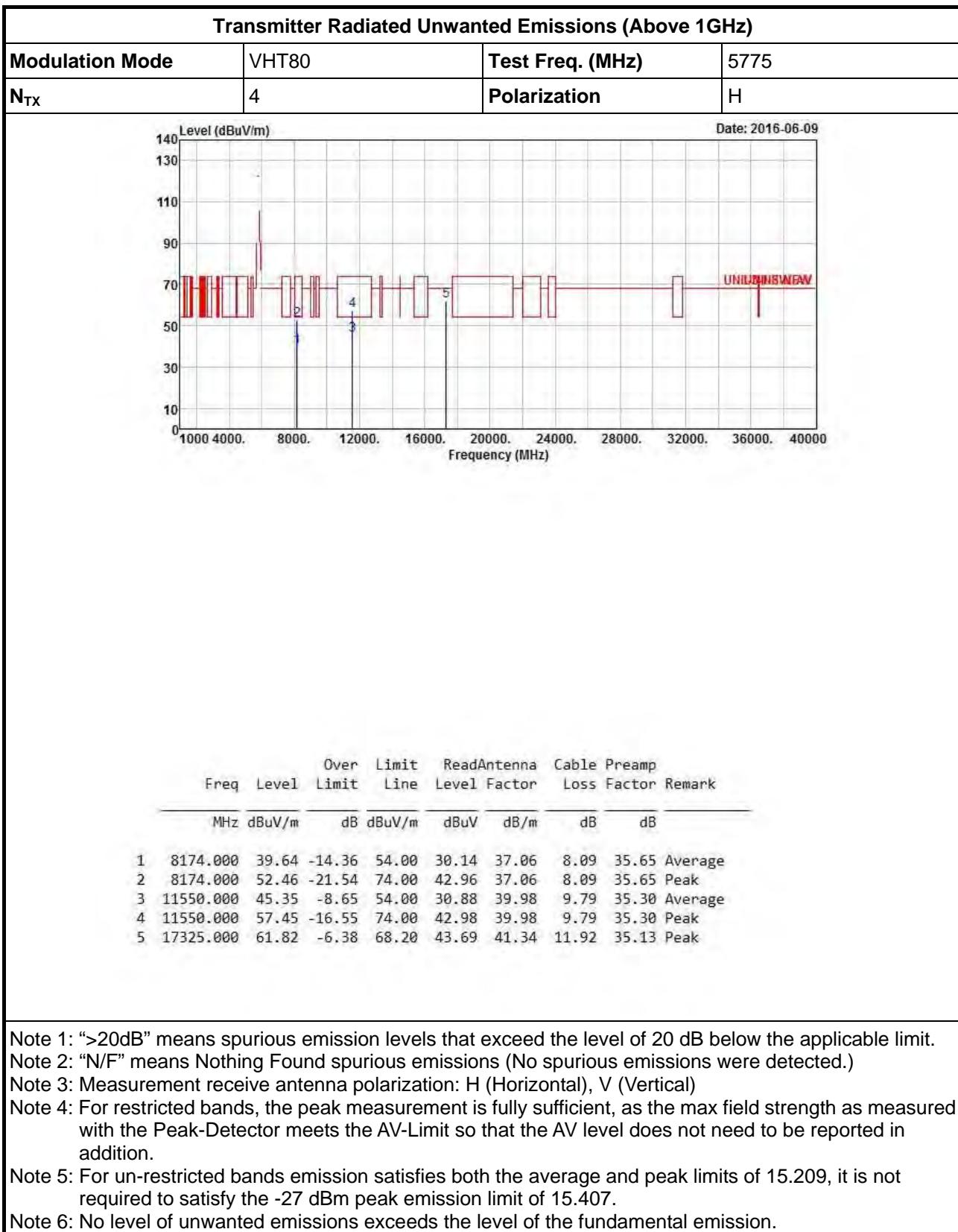
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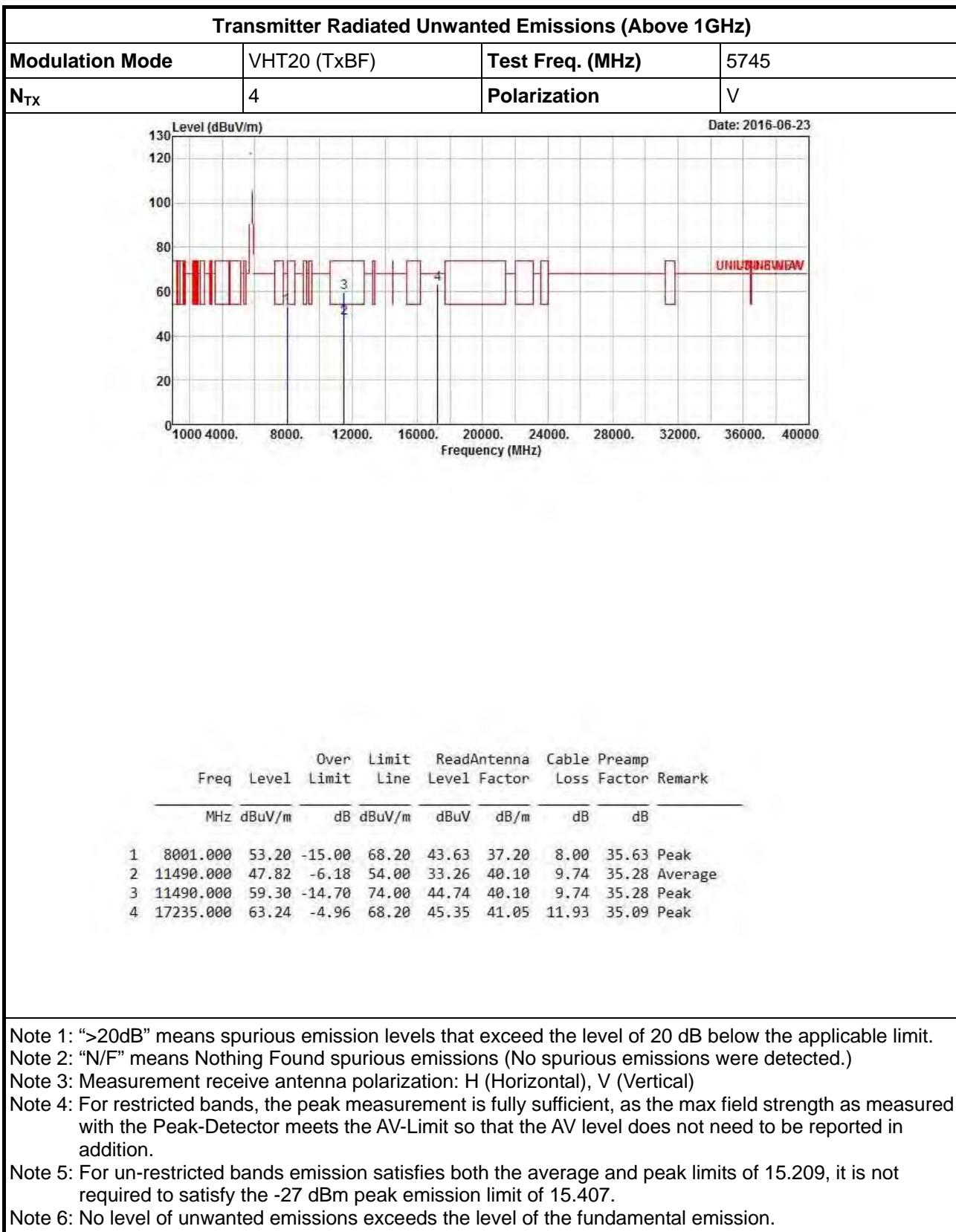
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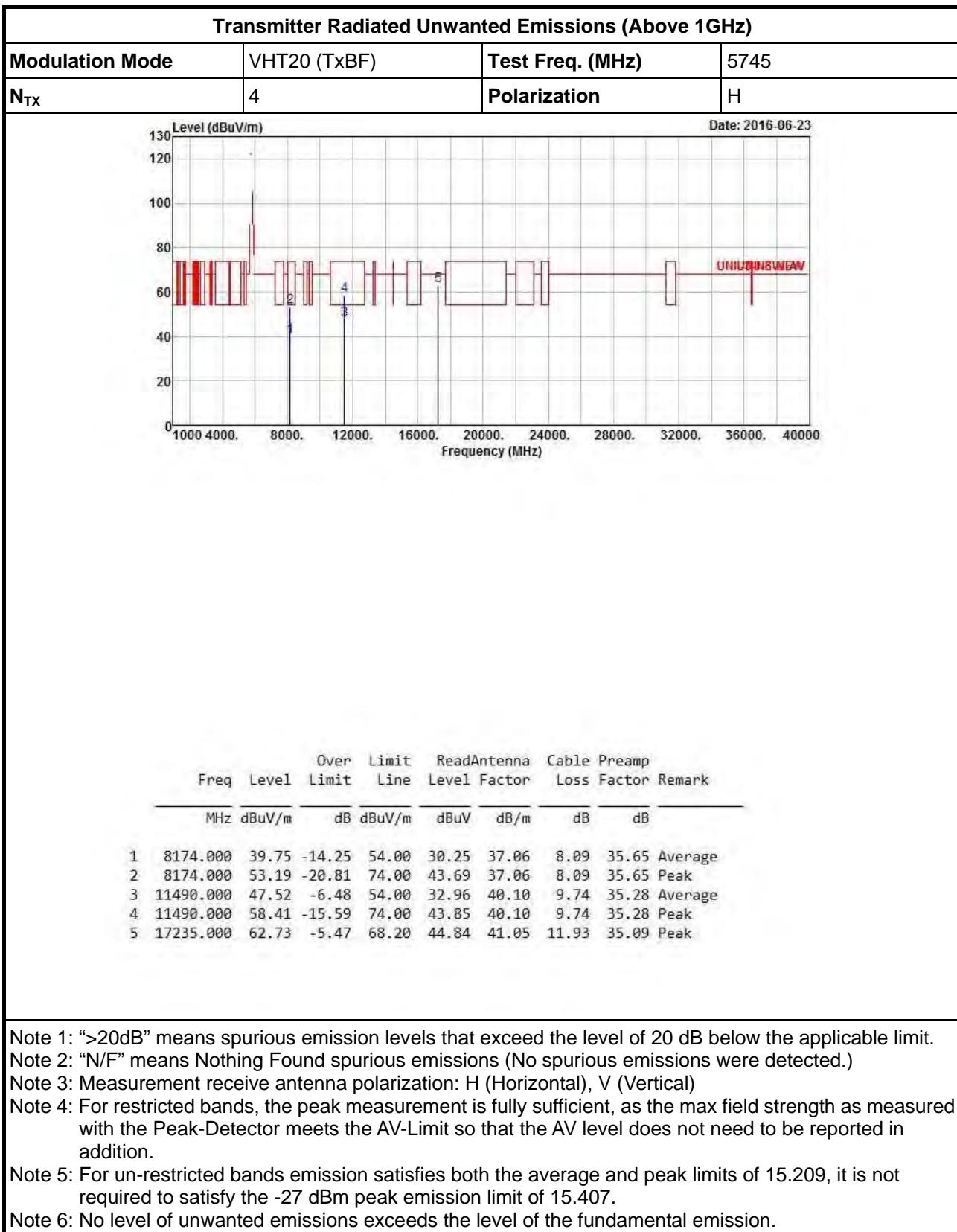
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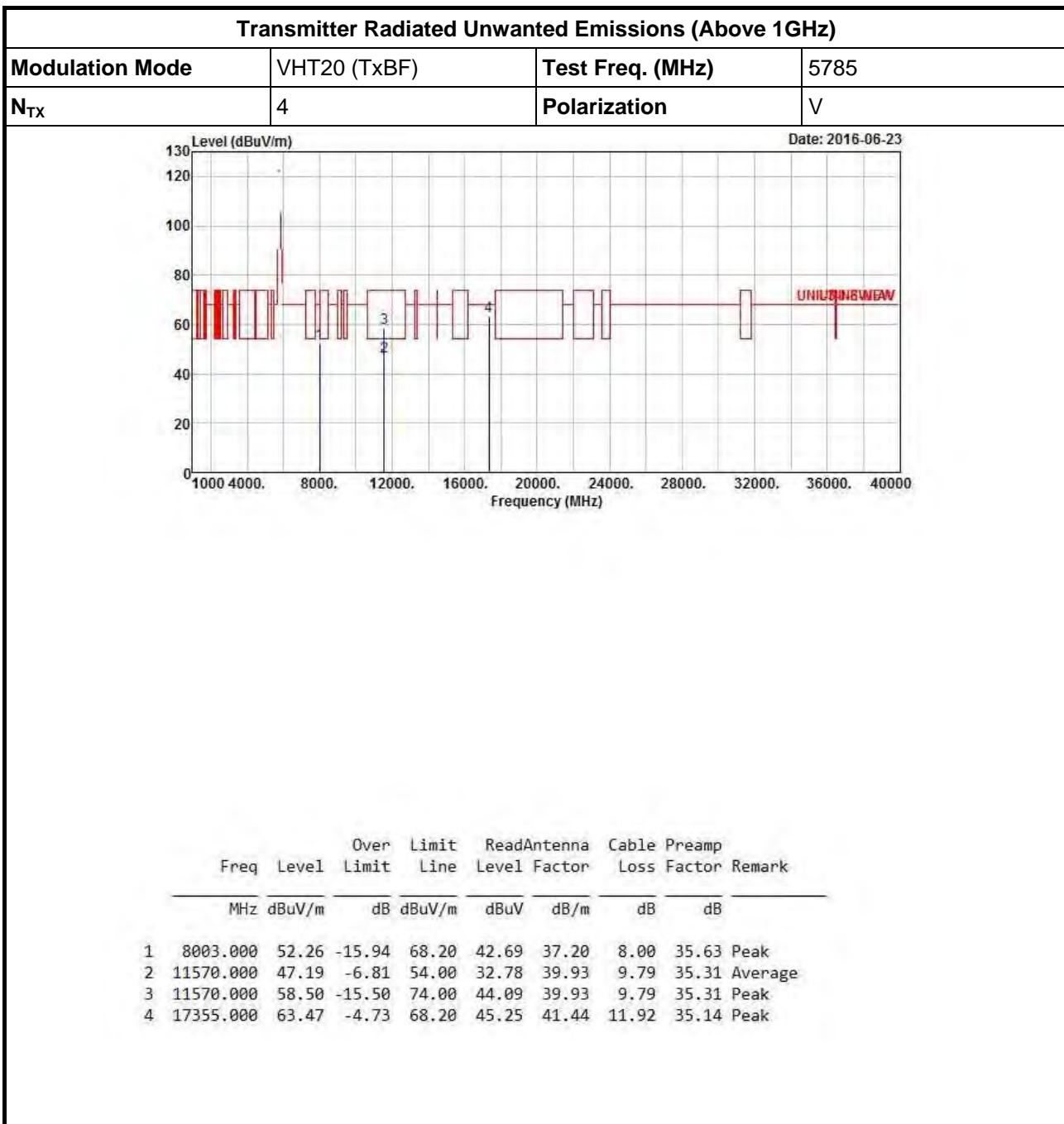
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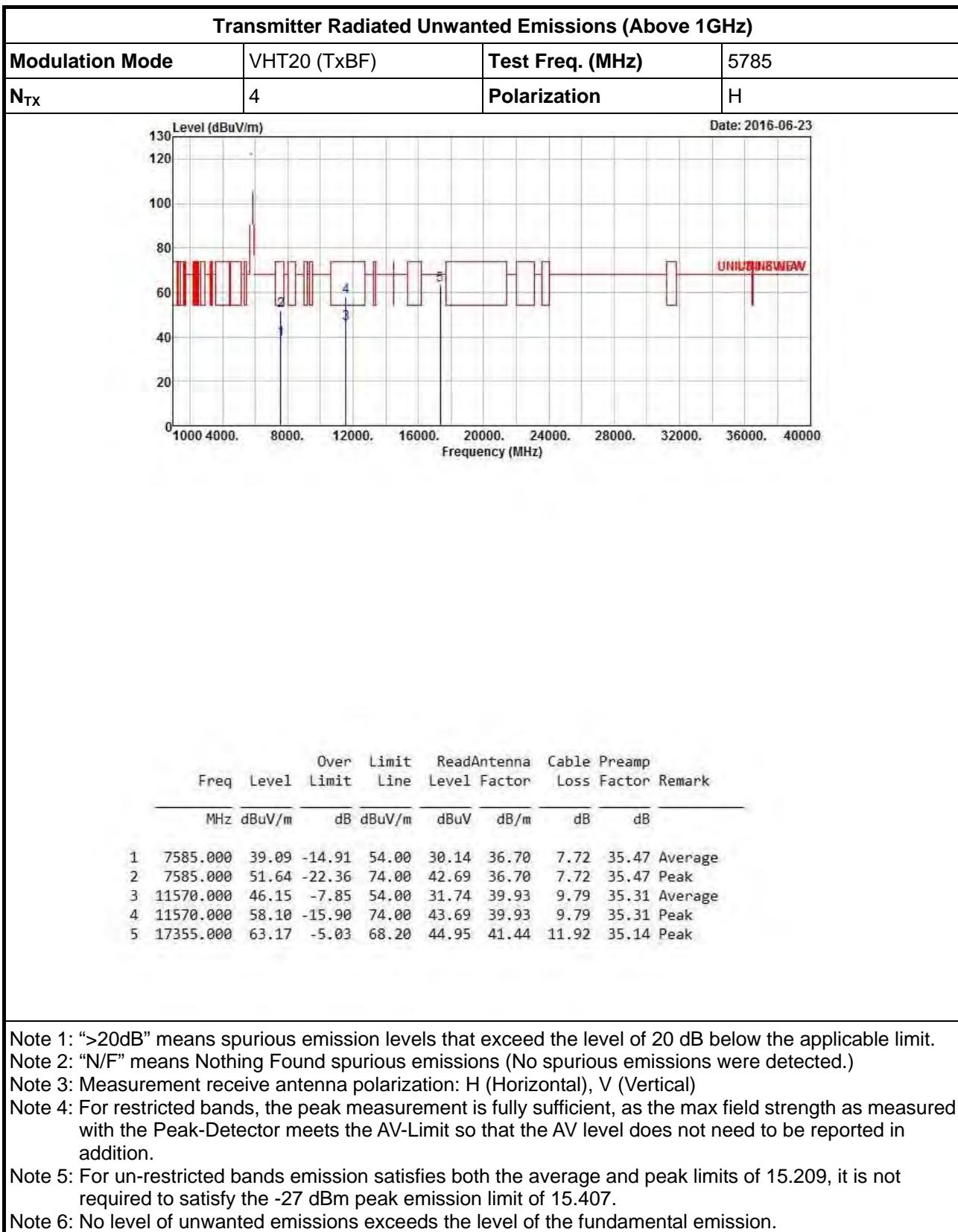
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

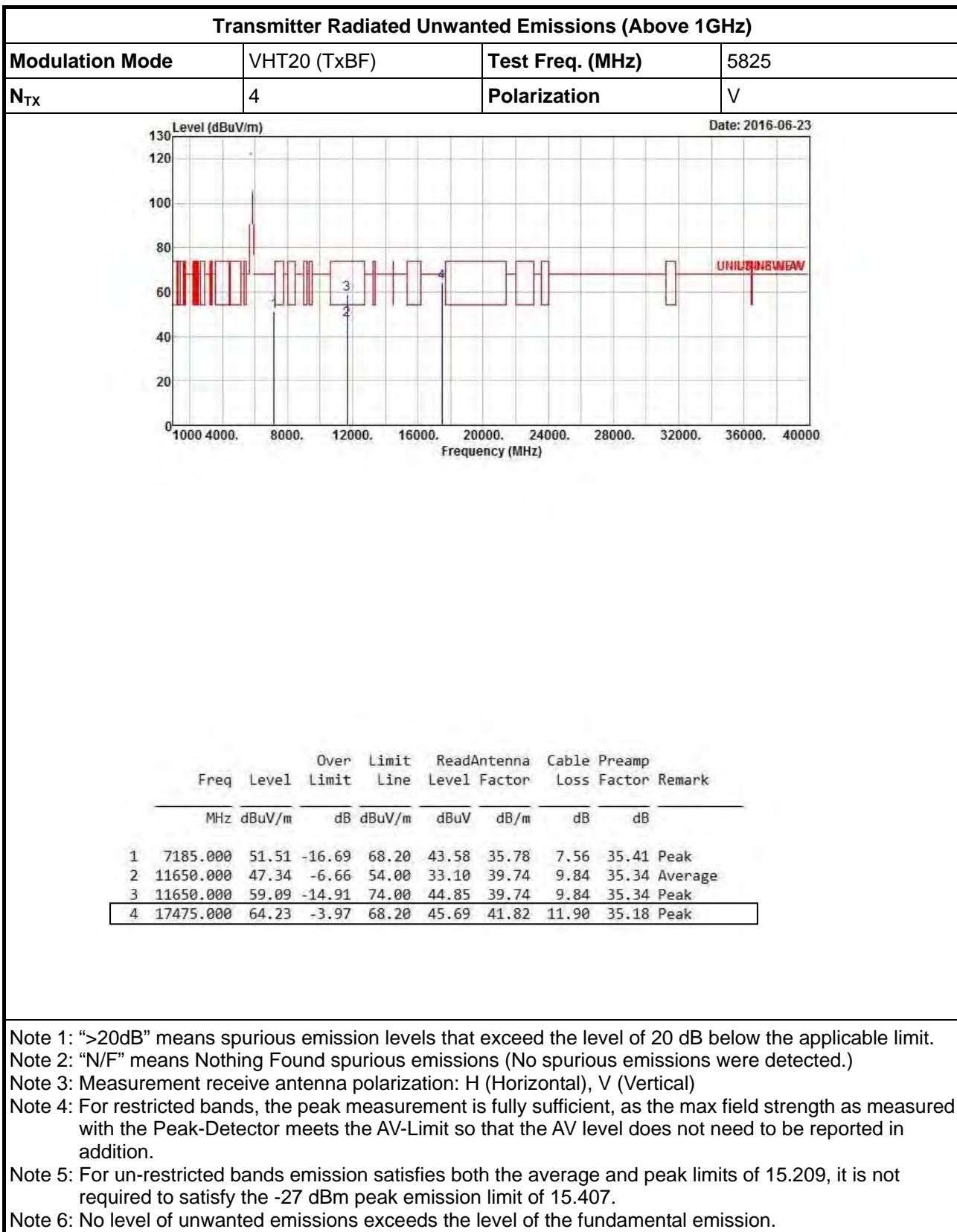
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.





Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

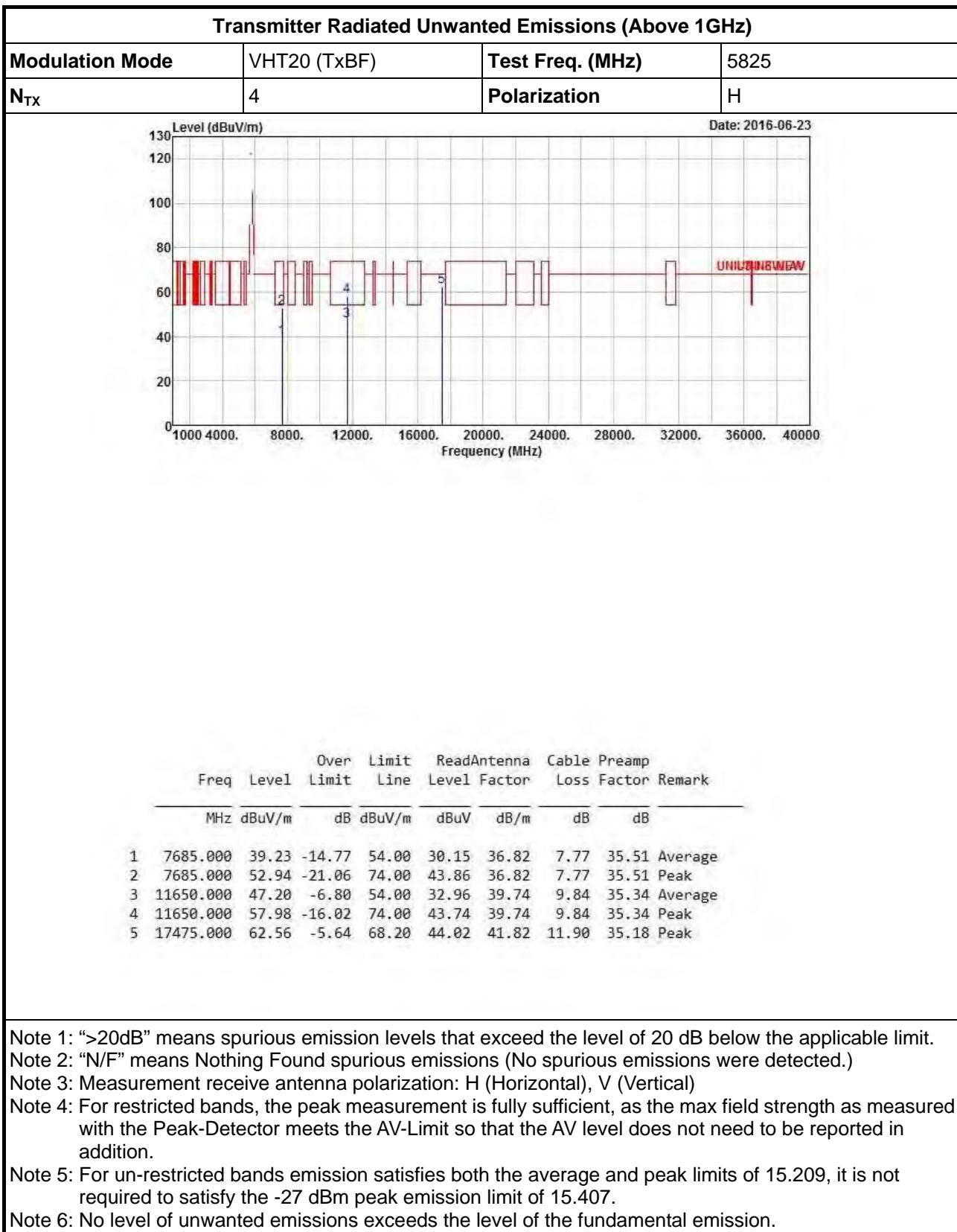
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

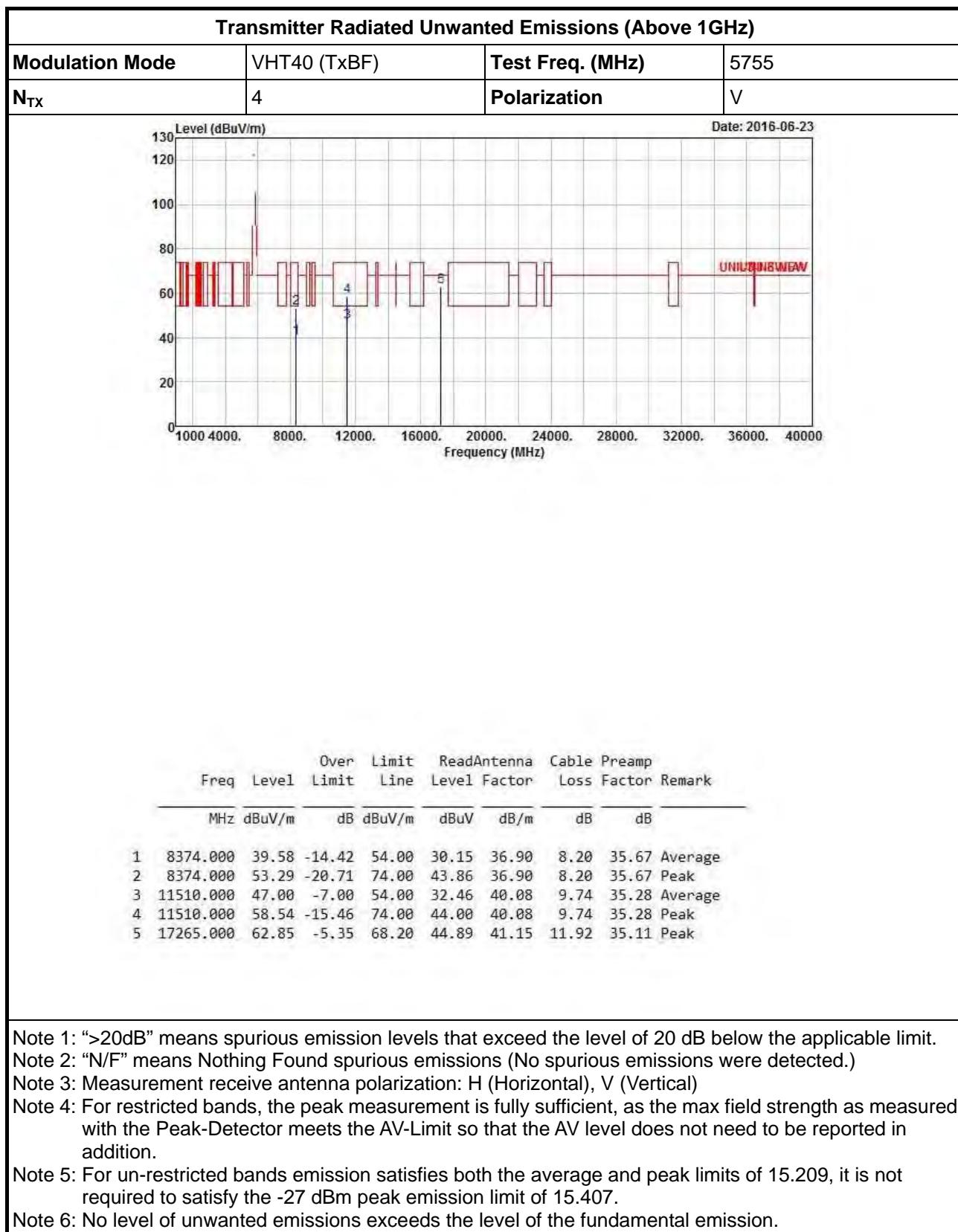
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

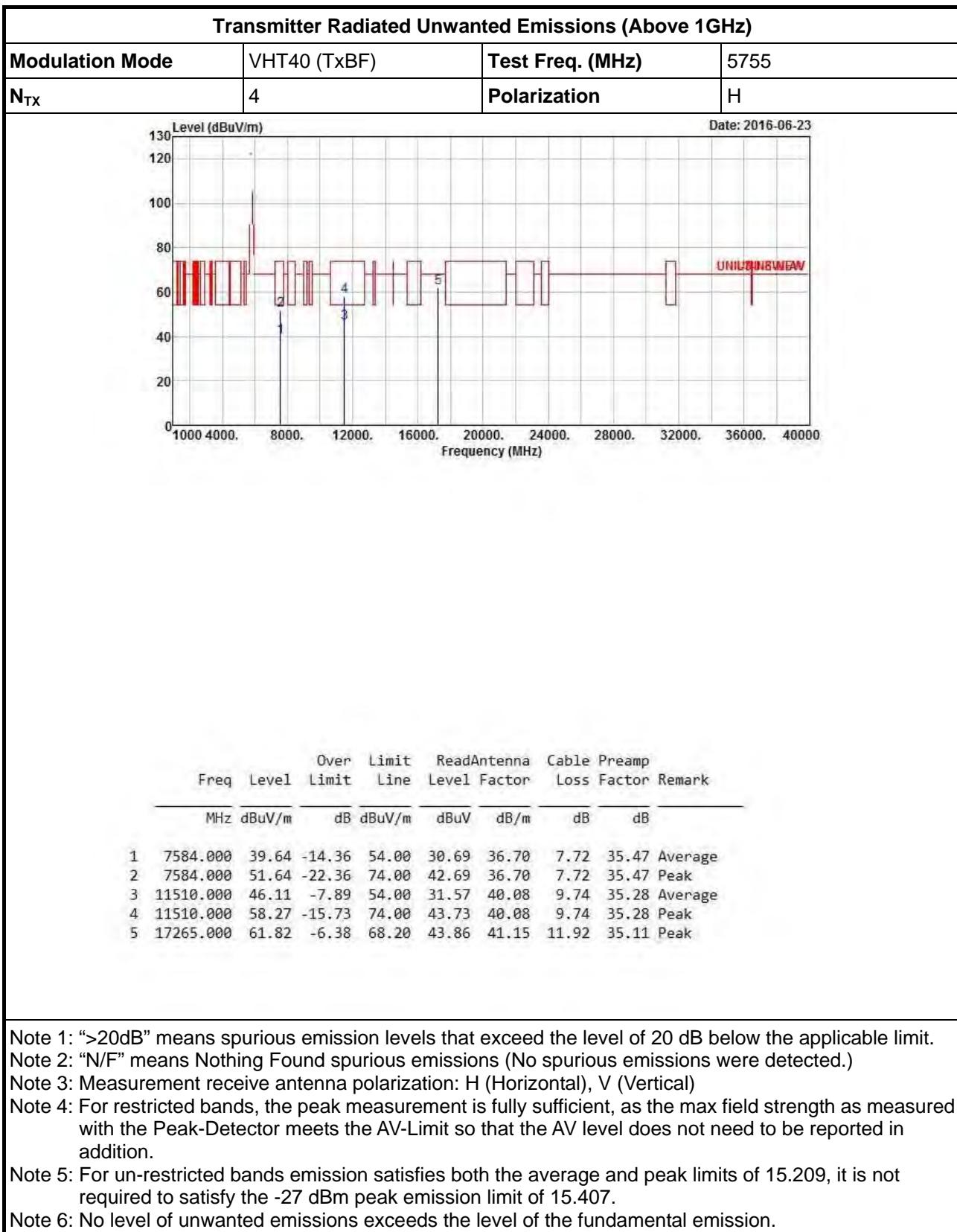
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

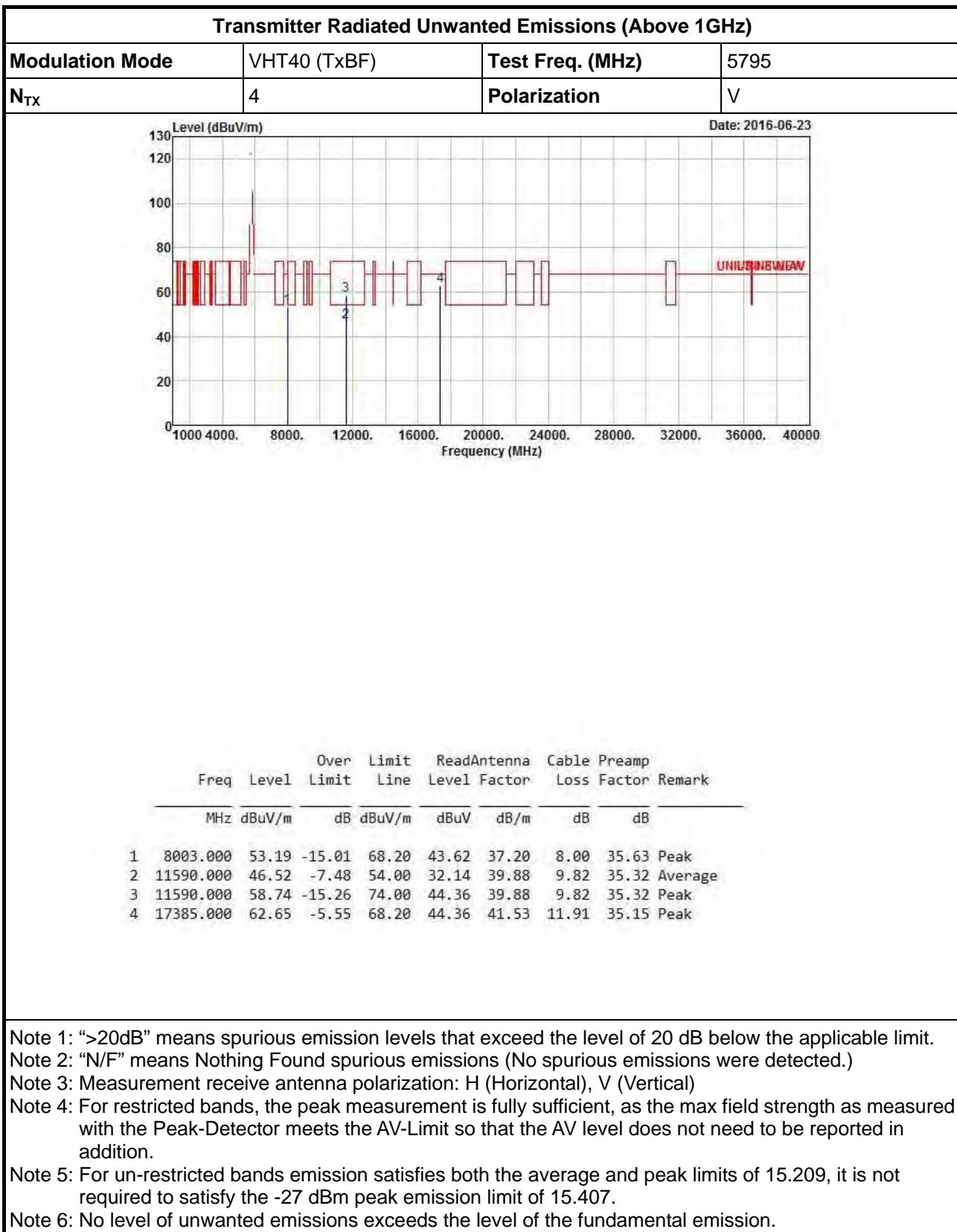
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

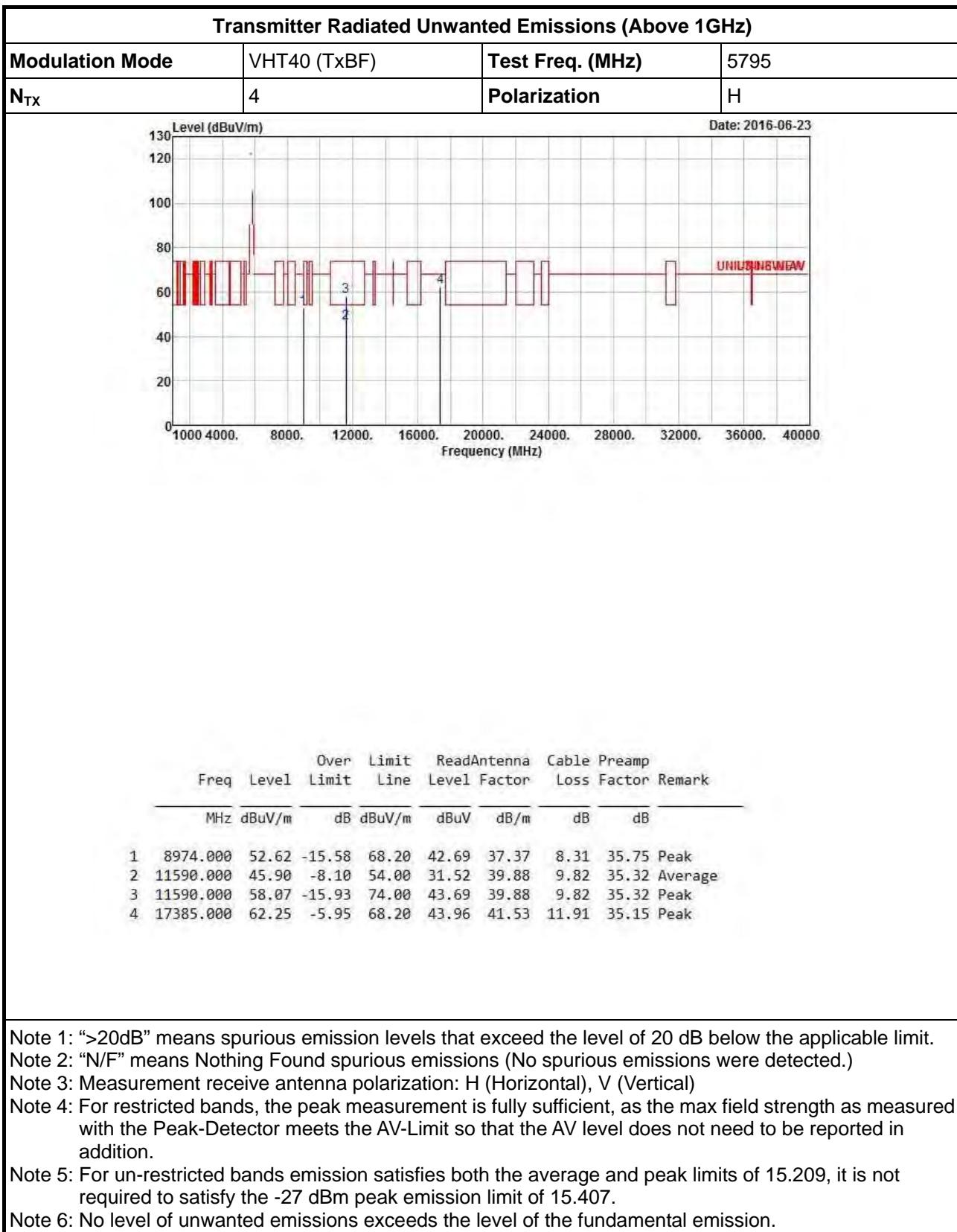
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

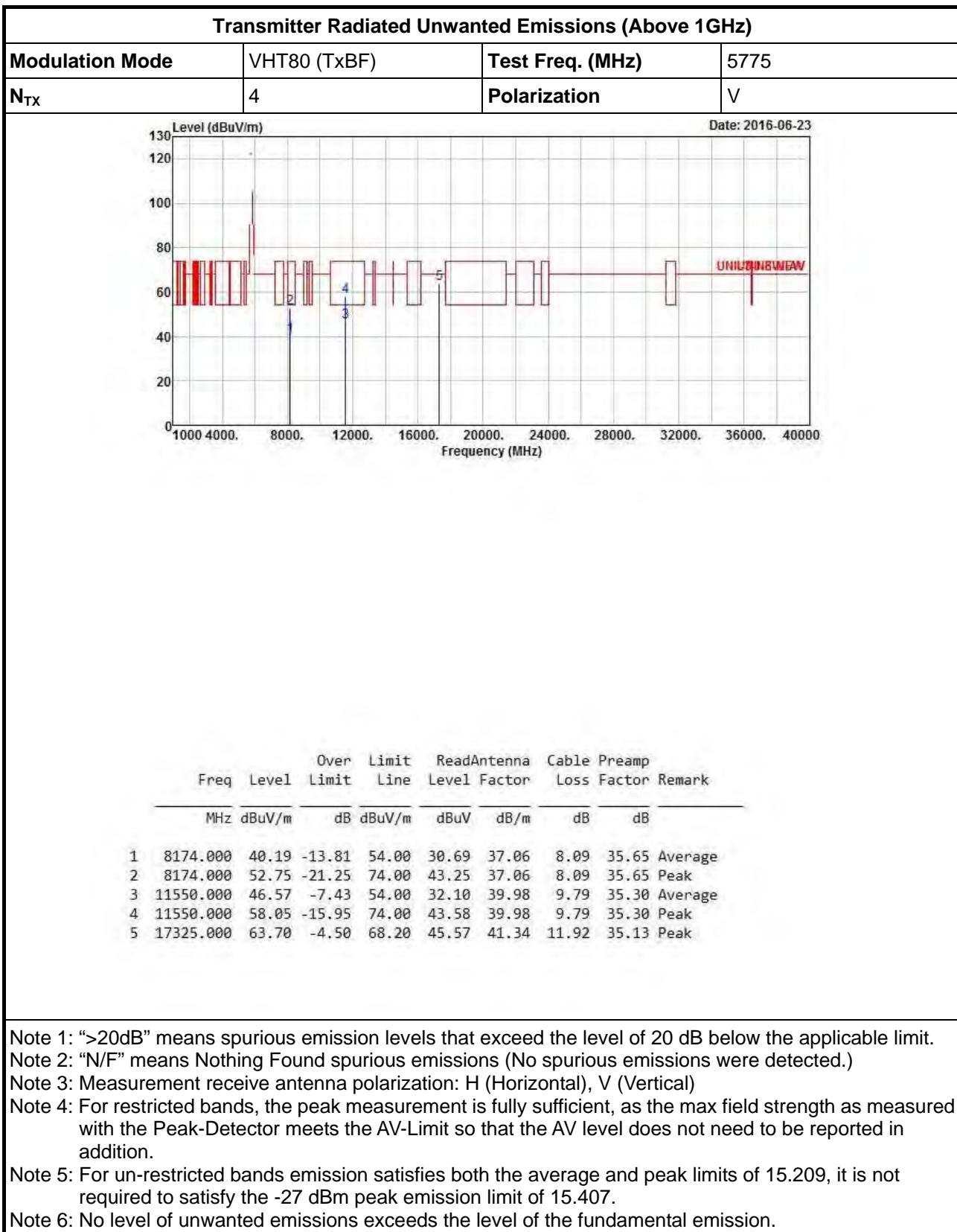
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

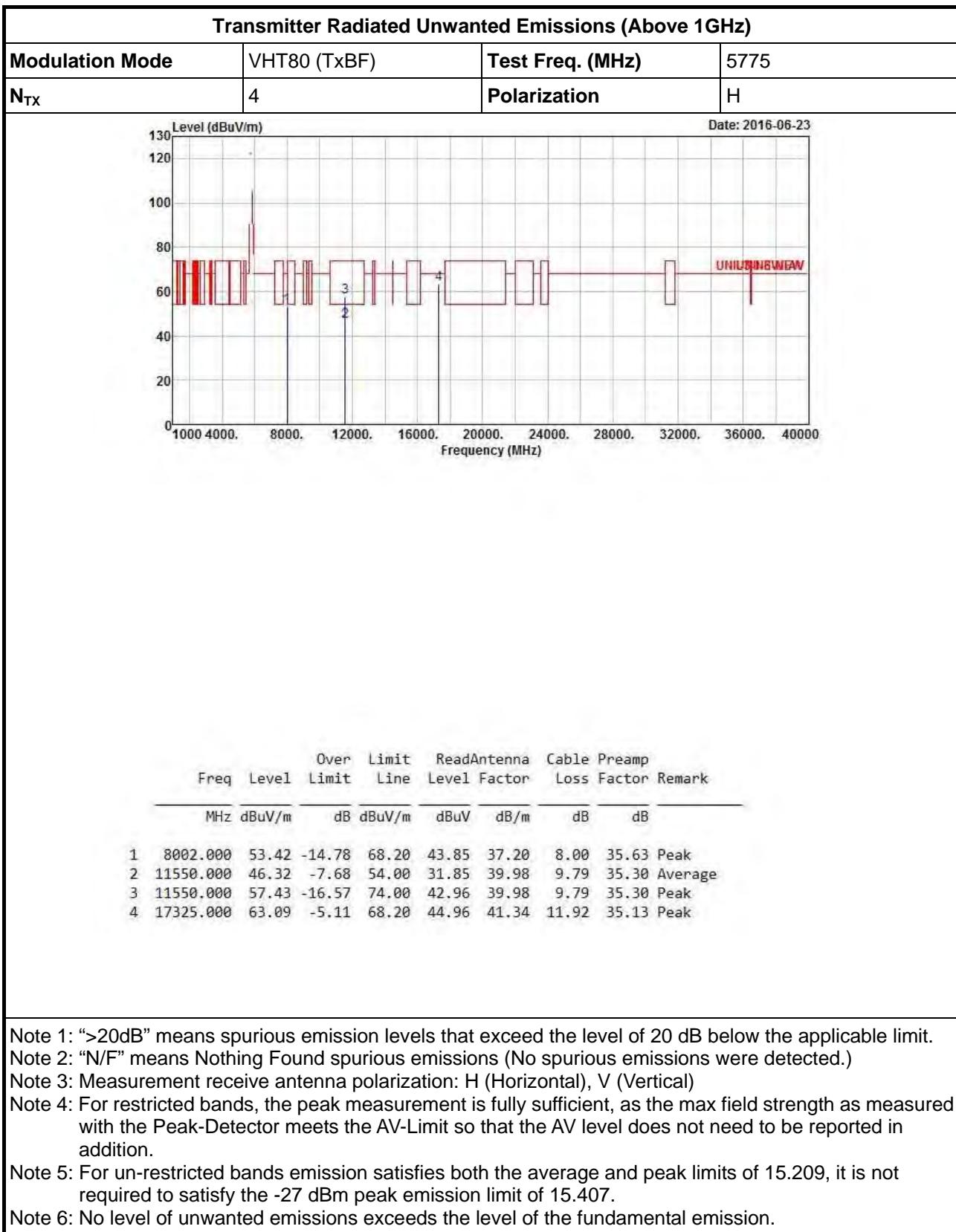
Note 4: For restricted bands, the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

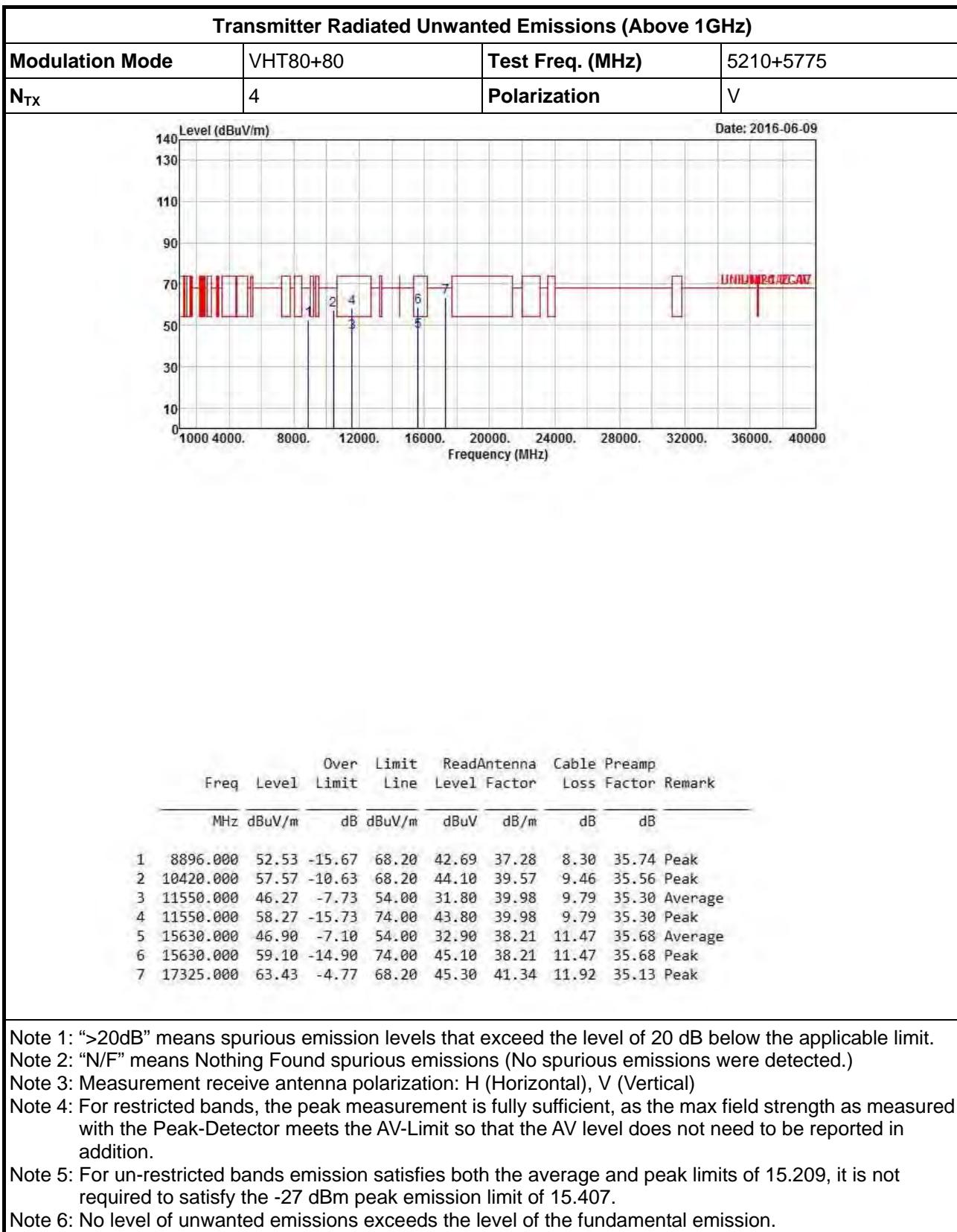
Note 5: For un-restricted bands emission satisfies both the average and peak limits of 15.209, it is not required to satisfy the -27 dBm peak emission limit of 15.407.

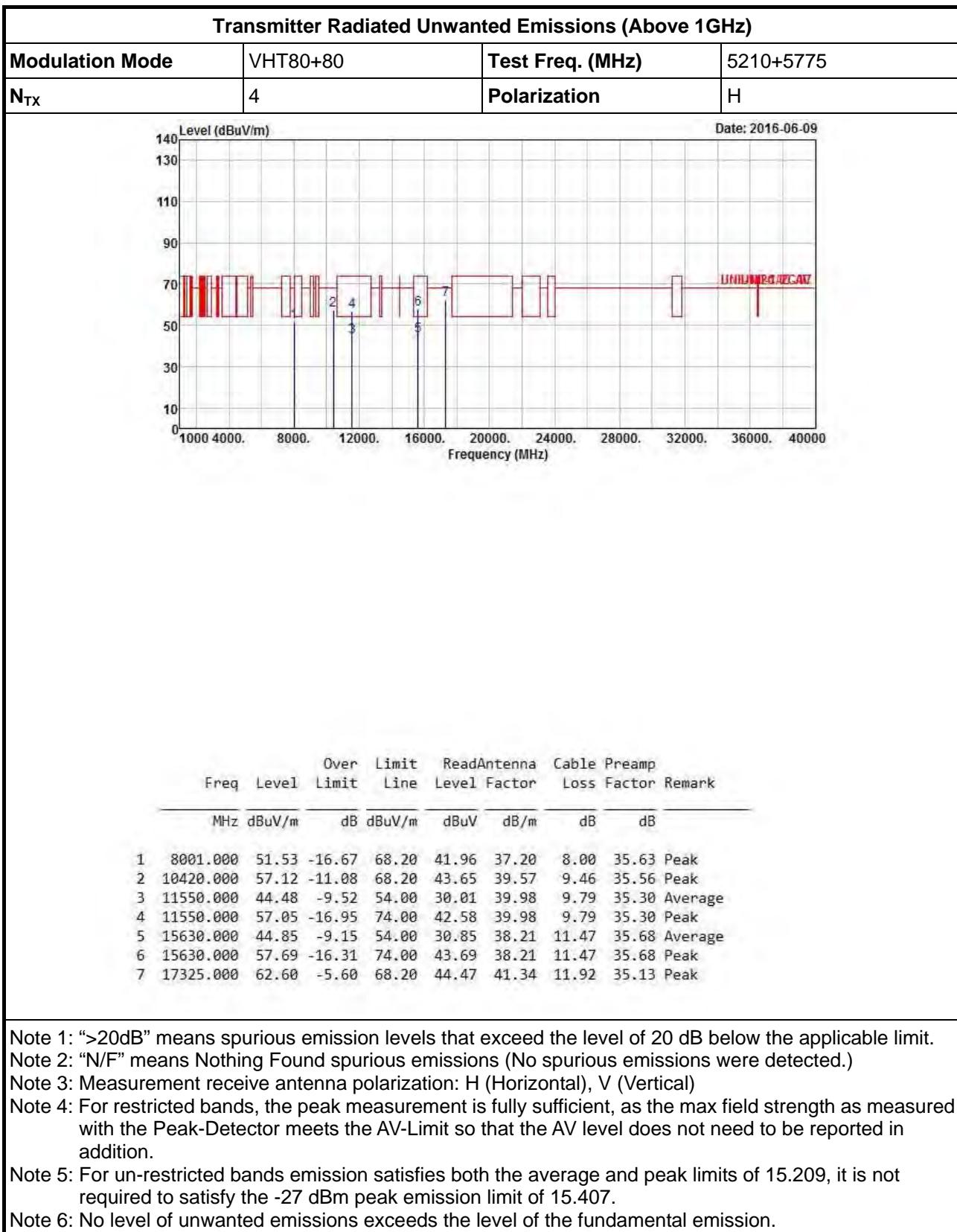
Note 6: No level of unwanted emissions exceeds the level of the fundamental emission.

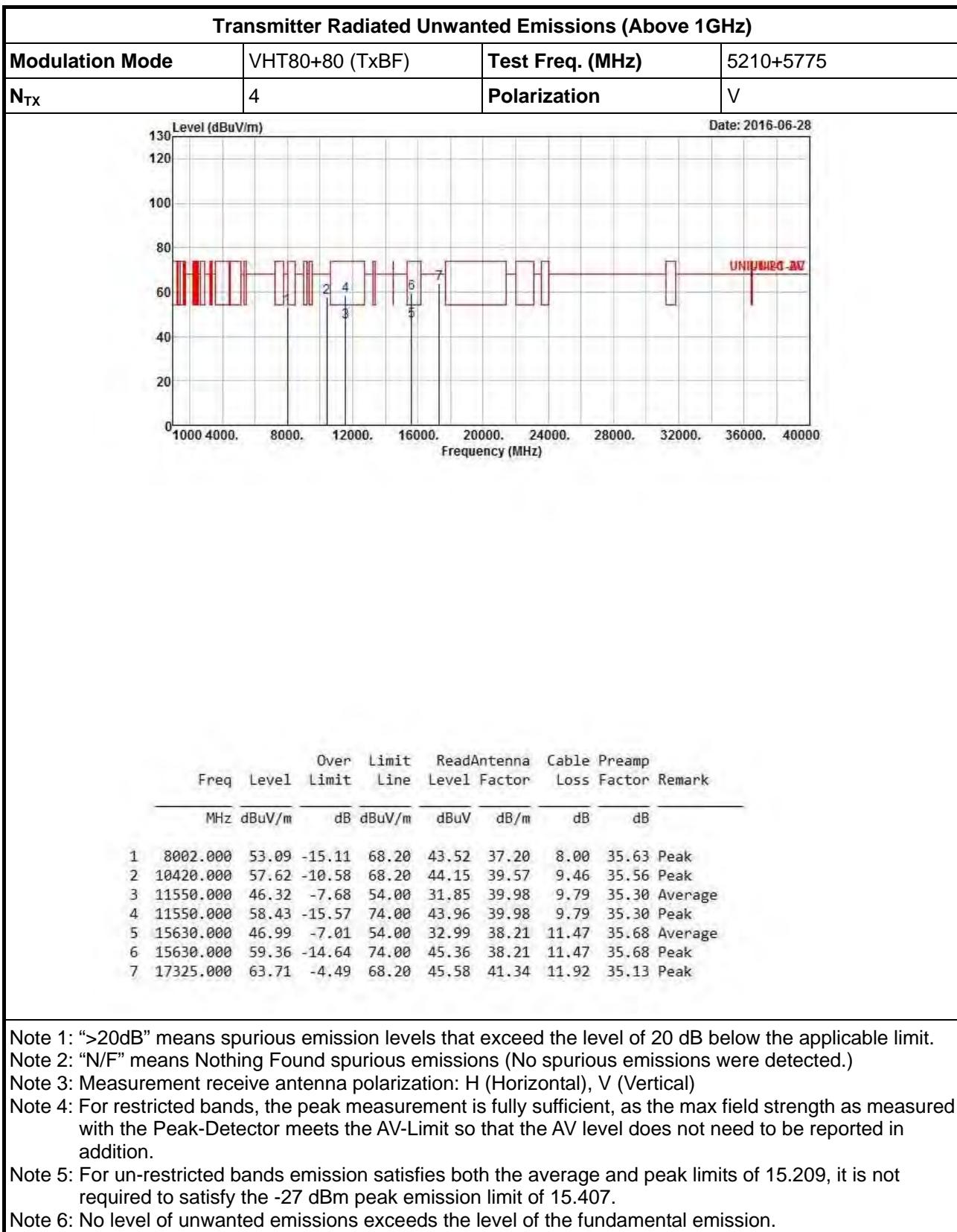


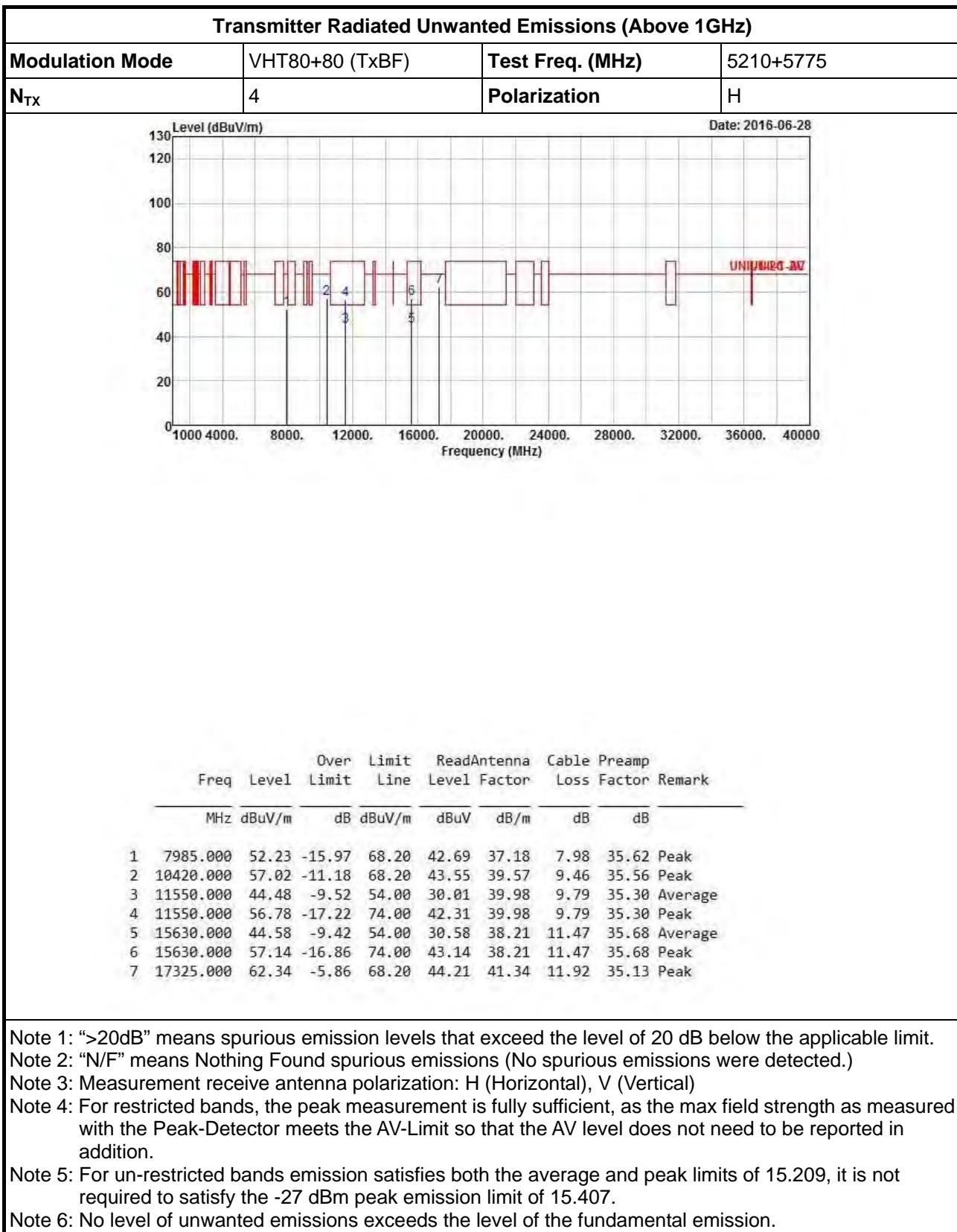














Summary

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (ppm)	Port	Remark
5.2G;11a;20;1;4;5200;M;T40;VN	Pass	5.2G	5.19994212G	NaN	NaN	11.131	20	1	5 min



Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (ppm)	Port	Remark
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	5.2G	5.19998552G	NaN	NaN	2.784	20	1	0 min
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	5.2G	5.19998548G	NaN	NaN	2.792	20	1	2 min
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	5.2G	5.19998551G	NaN	NaN	2.787	20	1	5 min
5.2G;11a;20;1;4;5200;M;TN,VN	Pass	5.2G	5.19998548G	NaN	NaN	2.793	20	1	10 min
5.2G;11a;20;1;4;5200;M;TN,VL	Pass	5.2G	5.19998554G	NaN	NaN	2.78	20	1	0 min
5.2G;11a;20;1;4;5200;M;TN,VL	Pass	5.2G	5.19998557G	NaN	NaN	2.776	20	1	2 min
5.2G;11a;20;1;4;5200;M;TN,VL	Pass	5.2G	5.19998557G	NaN	NaN	2.775	20	1	5 min
5.2G;11a;20;1;4;5200;M;TN,VL	Pass	5.2G	5.19998557G	NaN	NaN	2.775	20	1	10 min
5.2G;11a;20;1;4;5200;M;TN,VH	Pass	5.2G	5.19998564G	NaN	NaN	2.762	20	1	0 min
5.2G;11a;20;1;4;5200;M;TN,VH	Pass	5.2G	5.19998564G	NaN	NaN	2.762	20	1	2 min
5.2G;11a;20;1;4;5200;M;TN,VH	Pass	5.2G	5.19998565G	NaN	NaN	2.759	20	1	5 min
5.2G;11a;20;1;4;5200;M;TN,VH	Pass	5.2G	5.19998551G	NaN	NaN	2.787	20	1	10 min
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.19994264G	NaN	NaN	11.031	20	1	0 min
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.19994244G	NaN	NaN	11.07	20	1	2 min
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.19994212G	NaN	NaN	11.131	20	1	5 min
5.2G;11a;20;1;4;5200;M;T40,VN	Pass	5.2G	5.1999422G	NaN	NaN	11.116	20	1	10 min
5.2G;11a;20;1;4;5200;M;T30,VN	Pass	5.2G	5.19998184G	NaN	NaN	3.493	20	1	0 min
5.2G;11a;20;1;4;5200;M;T30,VN	Pass	5.2G	5.19998154G	NaN	NaN	3.55	20	1	2 min
5.2G;11a;20;1;4;5200;M;T30,VN	Pass	5.2G	5.19998151G	NaN	NaN	3.555	20	1	5 min
5.2G;11a;20;1;4;5200;M;T30,VN	Pass	5.2G	5.19998148G	NaN	NaN	3.562	20	1	10 min
5.2G;11a;20;1;4;5200;M;T20,VN	Pass	5.2G	5.19998578G	NaN	NaN	2.734	20	1	0 min
5.2G;11a;20;1;4;5200;M;T20,VN	Pass	5.2G	5.19998571G	NaN	NaN	2.749	20	1	2 min
5.2G;11a;20;1;4;5200;M;T20,VN	Pass	5.2G	5.19998571G	NaN	NaN	2.749	20	1	5 min
5.2G;11a;20;1;4;5200;M;T20,VN	Pass	5.2G	5.19998566G	NaN	NaN	2.759	20	1	10 min
5.2G;11a;20;1;4;5200;M;T10,VN	Pass	5.2G	5.19999499G	NaN	NaN	0.964	20	1	0 min
5.2G;11a;20;1;4;5200;M;T10,VN	Pass	5.2G	5.19999486G	NaN	NaN	0.989	20	1	2 min
5.2G;11a;20;1;4;5200;M;T10,VN	Pass	5.2G	5.19999474G	NaN	NaN	1.011	20	1	5 min
5.2G;11a;20;1;4;5200;M;T10,VN	Pass	5.2G	5.19999476G	NaN	NaN	1.008	20	1	10 min
5.2G;11a;20;1;4;5200;M;T0,VN	Pass	5.2G	5.20001556G	NaN	NaN	2.992	20	1	0 min
5.2G;11a;20;1;4;5200;M;T0,VN	Pass	5.2G	5.20001538G	NaN	NaN	2.958	20	1	2 min
5.2G;11a;20;1;4;5200;M;T0,VN	Pass	5.2G	5.20001539G	NaN	NaN	2.96	20	1	5 min
5.2G;11a;20;1;4;5200;M;T0,VN	Pass	5.2G	5.2000154G	NaN	NaN	2.962	20	1	10 min