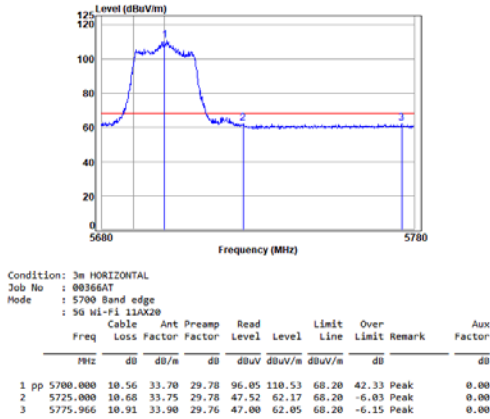
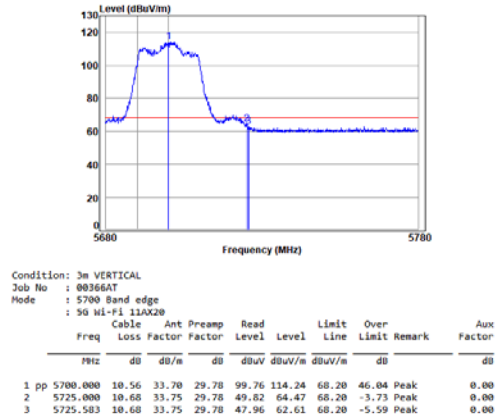


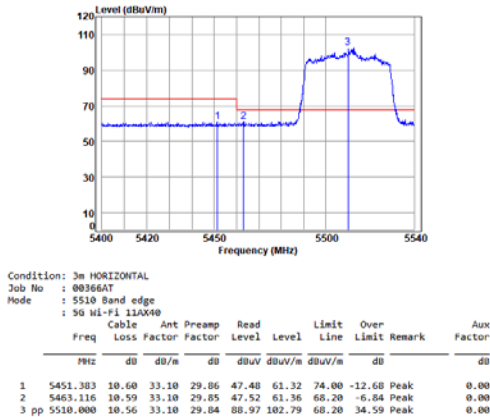
11ax_20M_TX_CH_140_Horizontal-Peak



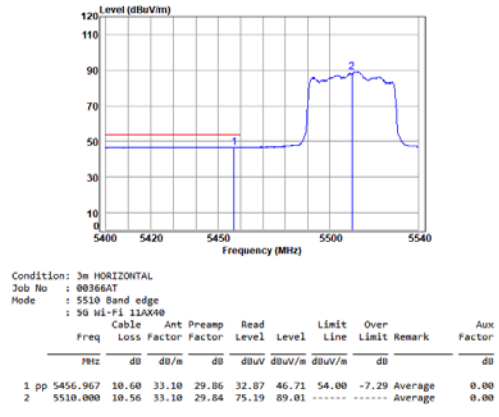
11ax_20M_TX_CH_140_Vertical-Peak



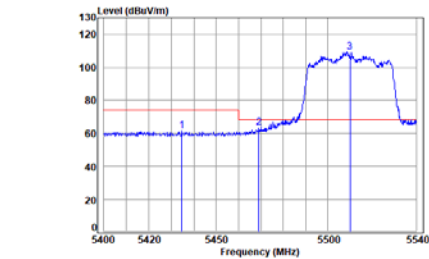
11ax_40M_TX_CH_102_Horizontal-Peak



11ax_40M_TX_CH_102_Horizontal-Avg



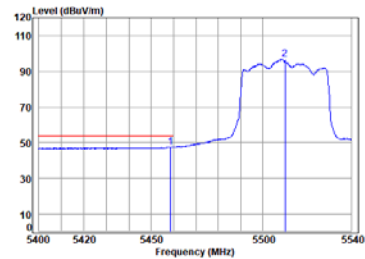
11ax_40M_TX_CH_102_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5510 Band edge
: 50 NI-FI 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5434.665	10.61	33.10	29.86	47.39	61.24	74.00	-12.76	Peak		0.00
2	5468.992	10.59	33.10	29.85	49.19	63.03	68.20	-5.17	Peak		0.00
3 pp	5510.000	10.56	33.10	29.84	95.33	109.15	68.20	40.95	Peak		0.00

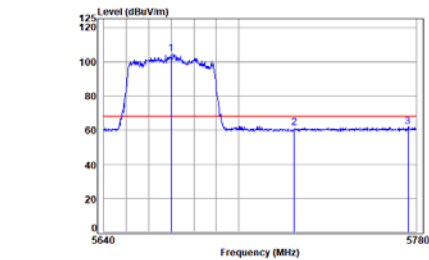
11ax_40M_TX_CH_102_Vertical-Avg



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5510 Band edge
: 50 NI-FI 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1 pp	5458.503	10.60	33.10	29.86	33.62	47.46	54.00	-6.54	Average		0.00
2	5510.000	10.56	33.10	29.84	83.02	96.84	68.20	28.64	Average		0.00

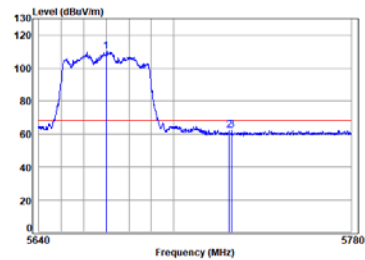
11ax_40M_TX_CH_134_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5670 Band edge
: 50 NI-FI 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1 pp	5670.000	10.52	33.52	29.79	90.33	104.58	68.20	36.38	Peak		0.00
2	5725.000	10.68	33.75	29.78	46.63	61.28	68.20	-6.92	Peak		0.00
3	5776.175	10.91	33.90	29.76	46.97	62.02	68.20	-6.18	Peak		0.00

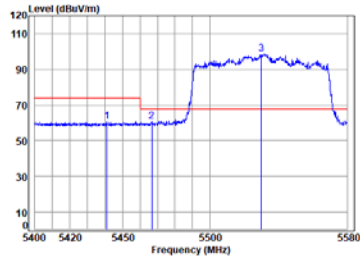
11ax_40M_TX_CH_134_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5670 Band edge
: 50 NI-FI 11AX40

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1 pp	5670.000	10.52	33.52	29.79	96.10	110.35	68.20	42.15	Peak		0.00
2	5725.000	10.68	33.75	29.78	47.48	62.13	68.20	-6.07	Peak		0.00
3	5726.114	10.68	33.75	29.78	47.48	62.13	68.20	-6.07	Peak		0.00

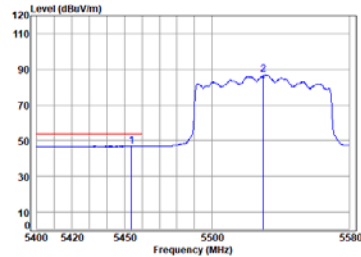
11ax_80M_TX_CH_106_Horizontal-Peak



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5530 Band edge
90 Wi-Fi 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5441.057	10.60	33.10	29.86	46.75	60.59	74.00	-13.41	Peak	0.00	
2	5466.630	10.59	33.10	29.85	46.74	60.58	68.20	-7.62	Peak	0.00	
3 pp	5530.000	10.53	33.10	29.83	84.77	98.57	68.20	30.37	Peak	0.00	

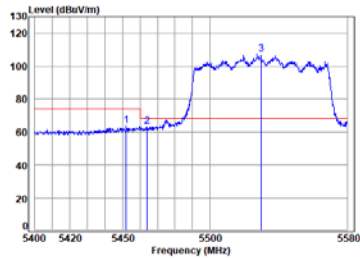
11ax_80M_TX_CH_106_Horizontal-Avg



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5530 Band edge
90 Wi-Fi 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1 pp	5453.918	10.60	33.10	29.86	33.23	47.07	54.00	-6.93	Average	0.00	
2	5530.000	10.53	33.10	29.83	73.17	86.97			Average	0.00	

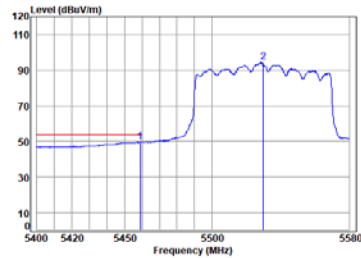
11ax_80M_TX_CH_106_Vertical-Peak



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5530 Band edge
90 Wi-Fi 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5451.951	10.60	33.10	29.86	49.71	63.55	74.00	-10.45	Peak	0.00	
2	5464.121	10.59	33.10	29.85	49.45	63.29	68.20	-4.91	Peak	0.00	
3 pp	5530.000	10.53	33.10	29.83	93.40	107.20	68.20	39.00	Peak	0.00	

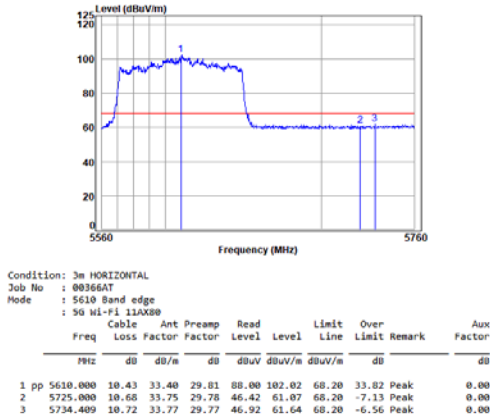
11ax_80M_TX_CH_106_Vertical-Avg



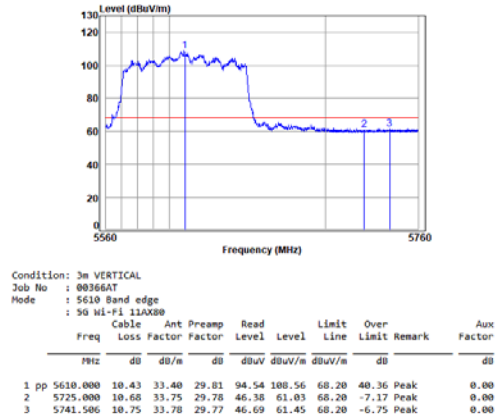
Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5530 Band edge
90 Wi-Fi 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1 pp	5459.107	10.60	33.10	29.86	35.90	49.74	54.00	-4.26	Average	0.00	
2	5530.000	10.53	33.10	29.83	80.50	94.30			Average	0.00	

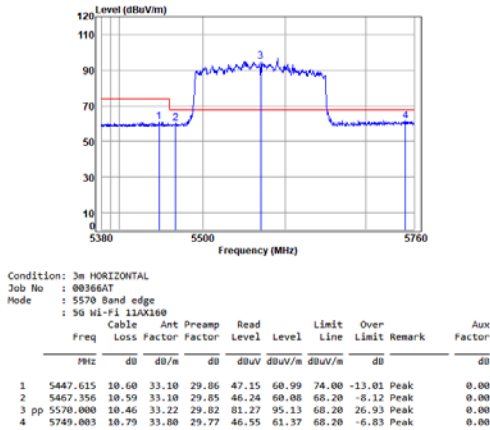
11ax_80M_TX_CH_122_Horizontal-Peak



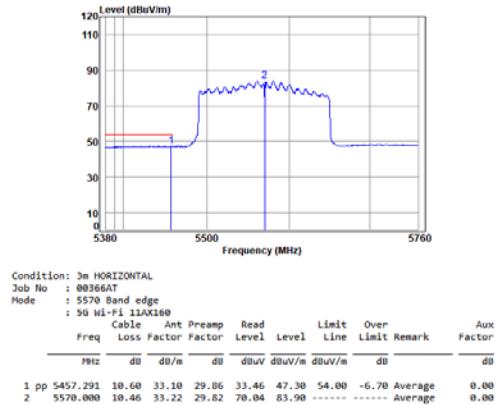
11ax_80M_TX_CH_122_Vertical-Peak



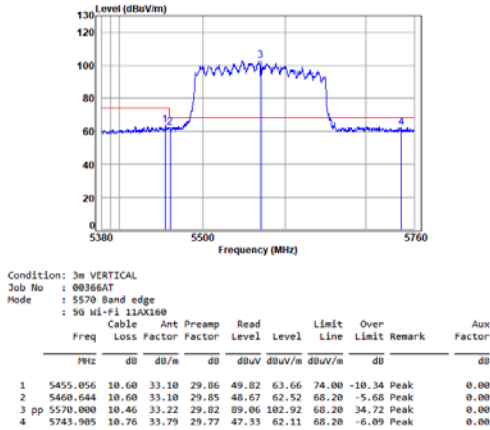
11ax_VHT(160M)_TX_CH_114_Horizontal-Peak



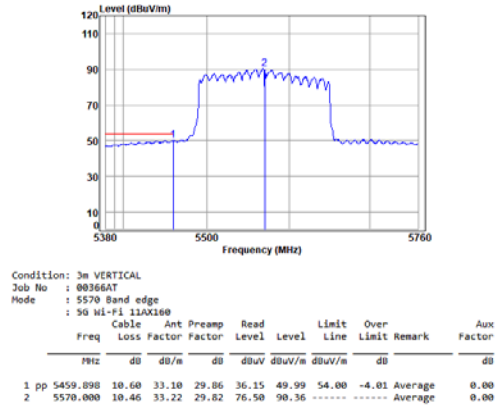
11ax_VHT(160M)_TX_CH_114_Horizontal-Avg



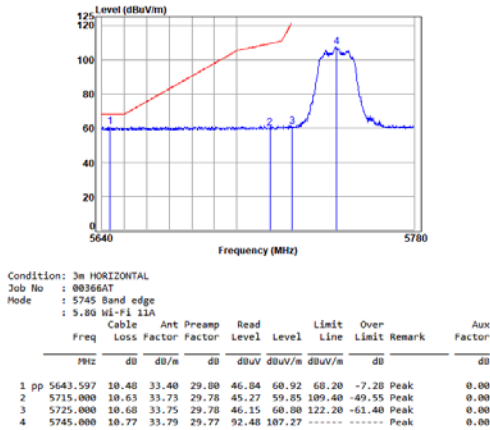
11ax_VHT(160M)_TX_CH_114_Vertical-Peak



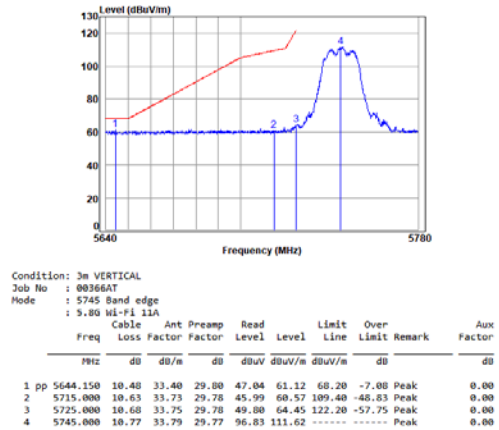
11ax_VHT(160M)_TX_CH_114_Vertical-Avg



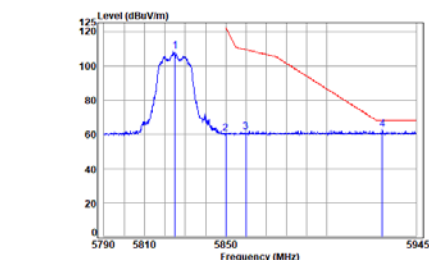
11a_TX_CH_149_Horizontal



11a_TX_CH_149_Vertical



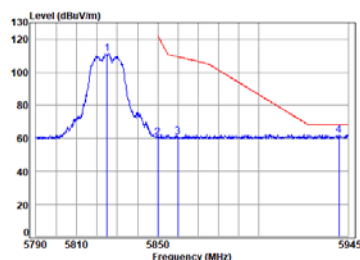
11a_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5825 Band edge

1.500 MHz-11A										
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Line	Over Limit	Remark	Aux Factor	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB			dB
1	5825.000	10.99	34.10	29.75	92.97	108.31	-----	Peak		0.00
2	5850.000	10.95	34.20	29.74	44.82	60.23	122.20	-61.97	Peak	0.00
3	5860.000	10.94	34.22	29.74	45.94	61.36	109.40	-48.04	Peak	0.00
4	5928.052	10.87	34.24	29.72	47.29	62.68	68.20	-5.52	Peak	0.00

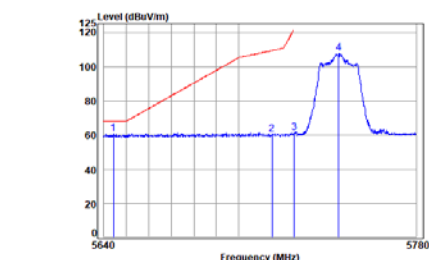
11a_TX_CH_165_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5825 Band edge

1.580 MHz-11A										
	Freq	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	Freqz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	Factor
1	5825.000	10.99	34.10	29.75	96.04	111.38	-----	-----	Peak	0.00
2	5850.000	10.95	34.20	29.74	44.74	60.15	122.20	-62.05	Peak	0.00
3	5860.000	10.94	34.22	29.74	45.33	60.75	109.40	-48.65	Peak	0.00
4	5940.447	10.86	34.22	29.72	46.48	61.84	68.20	-6.36	Peak	0.00

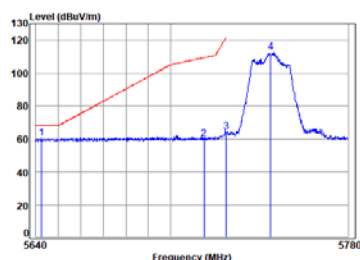
11ac_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5745 Band edge

1.500 Mi-P1 11A2020											
Freq	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Limit	Remark	Aux
	dB		Factor	Factor	Level	dBuV	dBuV/m	dBuV/m	dB		Factor
	dB		dB/m	dB	dBuV	dBuV	dBuV/m	dBuV/m	dB		dB
1	pp	5644.150	10.40	33.40	29.80	46.62	60.70	60.20	-7.50	Peak	0.00
2		5715.000	10.63	33.73	29.78	45.65	60.23	109.40	-49.17	Peak	0.00
3		5725.000	10.68	33.75	29.78	46.51	61.16	122.20	-61.04	Peak	0.00
4		5745.000	10.77	33.79	29.77	92.99	107.78	-----	-----	Peak	0.00

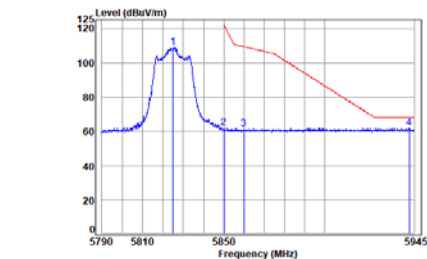
11ac_20M_TX_CH_149_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5745 Band edge

1.500 MHz-11A2C20											
Freq	Cable	Ant	Preamp	Read	Level	Limit	Over	Limit	Remark	Aux	
	Loss	Factor	Factor	Level						Factor	
Freq	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB	
1	pp	5642.490	10.47	33.40	29.80	46.02	60.09	60.20	-8.11	Peak	0.00
2		5715.000	10.63	33.73	29.78	45.21	59.79	109.40	-49.61	Peak	0.00
3		5725.000	10.68	33.75	29.78	49.73	64.38	122.20	-57.82	Peak	0.00
4		5745.000	10.77	33.79	29.77	97.77	112.56			Peak	0.00

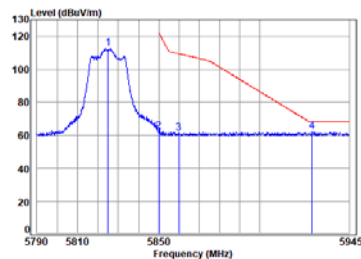
11ac_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5825 Band edge

	Freq	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	MHz	dB	dB/m	Factor	Factor	Level	dBuV/m	dBuV/m	Limit	Factor
1	5825.000	10.99	34.10	29.75	93.27	108.61	-----	-----	Peak	0.00
2	5850.000	10.95	34.20	29.74	46.29	61.70	122.20	-60.50	Peak	0.00
3	5860.000	10.94	34.22	29.74	45.00	61.22	109.40	-48.10	Peak	0.00
4	5942.488	10.86	34.21	29.72	46.47	61.82	68.20	-6.38	Peak	0.00

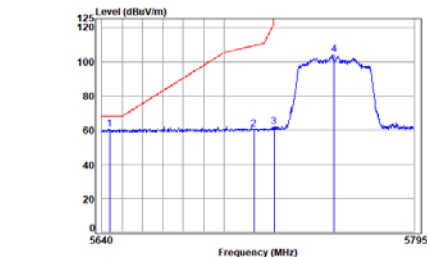
11ac_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5825 Band edge

	Freq	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	MHz	dB	dB/m	Factor	Factor	Level	dBuV/m	dBuV/m	Limit	Factor
1	5825.000	10.99	34.10	29.75	97.41	112.75	-----	-----	Peak	0.00
2	5850.000	10.95	34.20	29.74	46.94	62.35	122.20	-59.85	Peak	0.00
3	5860.000	10.94	34.22	29.74	45.91	61.33	109.40	-48.07	Peak	0.00
4	5926.340	10.87	34.25	29.72	46.68	62.08	68.20	-6.12	Peak	0.00

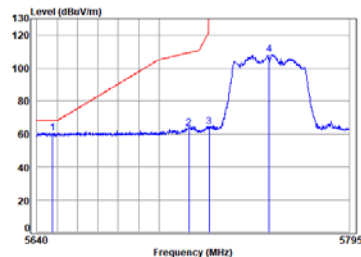
11ac_40M_TX_CH_151_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5755 Band edge

	Freq	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	MHz	dB	dB/m	Factor	Factor	Level	dBuV/m	dBuV/m	Limit	Factor
1	5643.024	10.40	33.40	29.80	46.39	60.47	68.20	-7.73	Peak	0.00
2	5715.000	10.63	33.73	29.78	45.92	60.50	109.40	-48.90	Peak	0.00
3	5725.000	10.68	33.75	29.78	47.22	61.87	122.20	-60.33	Peak	0.00
4	5755.000	10.81	33.82	29.77	89.23	104.09	-----	-----	Peak	0.00

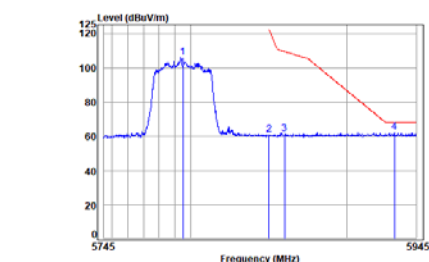
11ac_40M_TX_CH_151_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5755 Band edge

	Freq	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	MHz	dB	dB/m	Factor	Factor	Level	dBuV/m	dBuV/m	Limit	Factor
1	5647.650	10.40	33.40	29.80	46.47	60.55	68.20	-7.65	Peak	0.00
2	5715.000	10.63	33.73	29.78	46.60	63.18	109.40	-46.22	Peak	0.00
3	5725.000	10.68	33.75	29.78	49.65	64.30	122.20	-57.90	Peak	0.00
4	5755.000	10.81	33.82	29.77	93.46	108.32	-----	-----	Peak	0.00

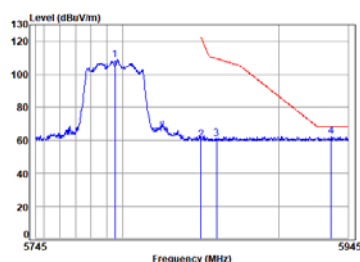
11ac_40M_TX_CH_159_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5795 Band edge
Cable : 5.80 Wi-Fi 11AC80

Freq	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1 5795.000	11.00	33.98	29.76	90.69	105.91	-----	-----	Peak	0.00
2 5850.000	10.95	34.20	29.74	45.24	60.65	122.20	-61.55	Peak	0.00
3 5860.000	10.94	34.22	29.74	46.05	61.47	109.40	-47.93	Peak	0.00
4 pp 5930.979	10.87	34.24	29.72	46.66	62.05	68.20	-6.15	Peak	0.00

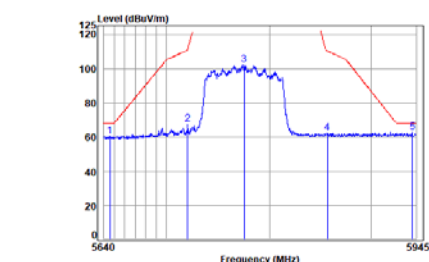
11ac_40M_TX_CH_159_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5795 Band edge
Cable : 5.80 Wi-Fi 11AC80

Freq	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1 5795.000	11.00	33.98	29.76	93.57	108.79	-----	-----	Peak	0.00
2 5850.000	10.95	34.20	29.74	45.00	60.41	122.20	-61.79	Peak	0.00
3 5860.000	10.94	34.22	29.74	45.31	60.73	109.40	-48.67	Peak	0.00
4 pp 5933.821	10.86	34.23	29.72	47.06	62.43	68.20	-5.77	Peak	0.00

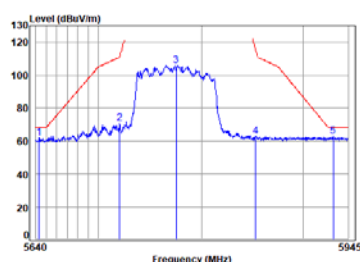
11ac_VHT(80M)_TX_CH_155_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5775 Band edge
Cable : 5.80 Wi-Fi 11AC80

Freq	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1 5645.646	10.40	33.40	29.80	46.21	60.29	68.20	-7.91	Peak	0.00
2 5720.171	10.65	33.74	29.78	53.01	67.62	111.19	-43.57	Peak	0.00
3 5775.000	10.91	33.90	29.76	87.30	102.35	-----	-----	Peak	0.00
4 5856.432	10.95	34.21	29.74	46.86	62.28	110.40	-48.12	Peak	0.00
5 pp 5941.244	10.86	34.22	29.72	47.19	62.55	68.20	-5.65	Peak	0.00

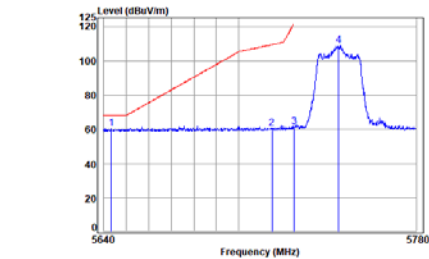
11ac_VHT(80M)_TX_CH_155_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5775 Band edge
Cable : 5.80 Wi-Fi 11AC80

Freq	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	Limit	Factor
1 5642.971	10.47	33.40	29.80	47.60	61.67	68.20	-6.53	Peak	0.00
2 5720.171	10.65	33.74	29.78	56.02	70.63	111.19	-40.56	Peak	0.00
3 5775.000	10.91	33.90	29.76	90.87	105.92	-----	-----	Peak	0.00
4 5853.041	10.95	34.21	29.74	47.44	62.86	115.27	-52.41	Peak	0.00
5 pp 5929.990	10.87	34.24	29.72	47.19	62.58	68.20	-5.62	Peak	0.00

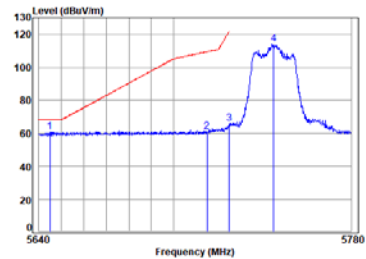
11ax_20M_TX_CH_149_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5745 Band edge
Cable : 5.80 Wi-Fi 11AX20

Peak	Freq	Loss	Factor	Ant	Pream	Read	Level	Limit	Over	Remark	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5643.182	10.48	33.40	29.80	46.15	60.23	68.20	-7.97	Peak		0.00
2	5715.000	10.63	33.73	29.78	45.84	60.42	109.40	-48.98	Peak		0.00
3	5725.000	10.68	33.75	29.78	46.72	61.37	122.20	-60.83	Peak		0.00
4	5745.000	10.77	33.79	29.77	93.93	108.72			Peak		0.00

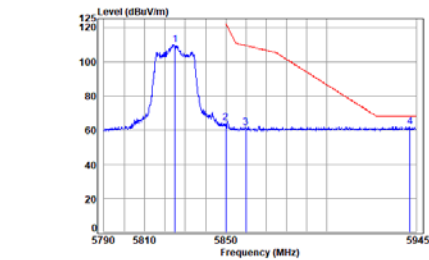
11ax_20M_TX_CH_149_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5745 Band edge
Cable : 5.80 Wi-Fi 11AX20

Peak	Freq	Loss	Factor	Ant	Pream	Read	Level	Limit	Over	Remark	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5644.900	10.48	33.40	29.80	46.64	60.72	68.20	-7.48	Peak		0.00
2	5715.000	10.63	33.73	29.78	46.07	60.65	109.40	-48.75	Peak		0.00
3	5725.000	10.68	33.75	29.78	51.11	65.76	122.20	-56.44	Peak		0.00
4	5745.000	10.77	33.79	29.77	99.30	114.09			Peak		0.00

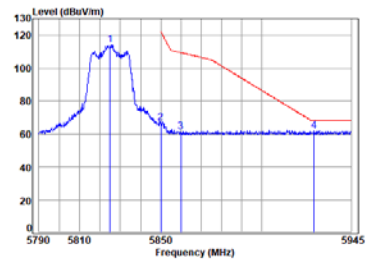
11ax_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5825 Band edge
Cable : 5.80 Wi-Fi 11AX20

Peak	Freq	Loss	Factor	Ant	Pream	Read	Level	Limit	Over	Remark	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5825.000	10.99	34.10	29.75	94.55	109.09			Peak		0.00
2	5850.000	10.95	34.20	29.74	48.68	64.09	122.20	-58.11	Peak		0.00
3	5860.000	10.94	34.22	29.74	46.00	61.42	109.40	-47.98	Peak		0.00
4	5941.868	10.86	34.22	29.72	46.60	61.96	68.20	-6.24	Peak		0.00

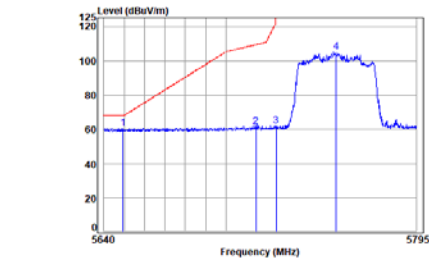
11ax_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5825 Band edge
Cable : 5.80 Wi-Fi 11AX20

Peak	Freq	Loss	Factor	Ant	Pream	Read	Level	Limit	Over	Remark	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5825.000	10.99	34.10	29.75	98.70	114.04			Peak		0.00
2	5850.000	10.95	34.20	29.74	51.27	66.68	122.20	-55.52	Peak		0.00
3	5860.000	10.94	34.22	29.74	46.07	61.49	109.40	-47.91	Peak		0.00
4	5926.340	10.87	34.25	29.72	46.48	61.88	68.20	-6.32	Peak		0.00

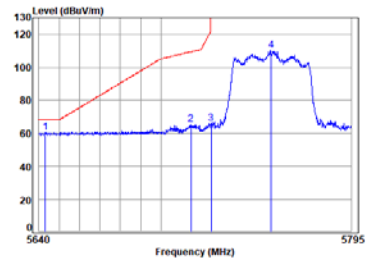
11ax_40M_TX_CH_151_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5795 Band edge

: 5.80 MI-PI 11A0X0										
	Freq	Cable Loss	Ant Factor	Pream Factor	Read Level	Limit	Over Limit	Remark	Aux Factor	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	pp 5649.335	10.48	33.40	29.80	46.36	60.44	68.20	-7.76	Peak	0.00
2	5715.000	10.63	33.73	29.78	46.92	61.50	109.40	-47.90	Peak	0.00
3	5725.000	10.68	33.75	29.78	47.14	61.79	122.20	-60.41	Peak	0.00
4	5755.000	10.81	33.82	29.77	90.03	104.09	-----	-----	Peak	0.00

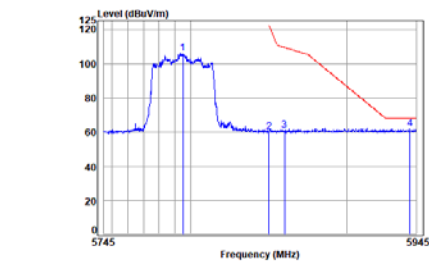
11ax_40M_TX_CH_151_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5795 Band edge

: 9.80 MHz P1 11A040										
Freq	Cable	Ant	Pream	Read	Level	Limit	Over	Aux		
	Loss	Factor	Factor			Line	Limit	Remark	Factor	
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB	
1	pp	5643.212	10.48	33.40	29.80	46.20	60.28	68.20	-7.92 Peak	0.00
2		5715.000	10.63	33.73	29.78	50.43	65.01	109.40	-44.39 Peak	0.00
3		5725.000	10.68	33.75	29.78	51.20	65.85	122.20	-56.35 Peak	0.00
4		5755.000	10.81	33.82	29.77	95.57	110.43	-----	----- Peak	0.00

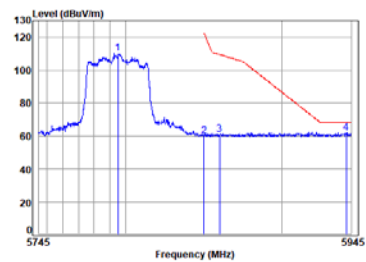
11ax_40M_TX_CH_159_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5795 Band edge

: 5.80 Mi-Pi 11A040										
	Freq	Cable Loss Factor	Ant Factor	Pream Factor	Read Level	Limit	Over Limit	Remark	Aux Factor	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	5795.000	11.00	33.98	29.76	90.58	105.00	-----	----- Peak		0.00
2	5850.000	10.95	34.20	29.74	44.63	60.04	122.20	-62.16 Peak		0.00
3	5860.000	10.94	34.22	29.74	45.32	60.74	109.40	-40.66 Peak		0.00
4	pp 5940.933	10.86	34.22	29.72	46.51	61.07	68.20	-6.33 Peak		0.00

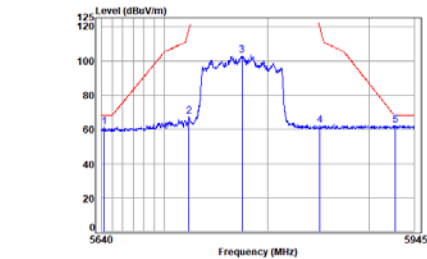
11ax_40M_TX_CH_159_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5795 Band edge

: 5.80 Mi-P1 110X00										
Freq	Loss	Factor	Ant	Pream	Read	Level	Limit	Over	Remark	Aux
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1	5795.000	11.00	33.98	29.76	94.90	110.12			----- Peak	0.00
2	5850.000	10.95	34.20	29.74	44.57	59.98	122.20	-62.22	Peak	0.00
3	5860.000	10.94	34.22	29.74	45.26	60.68	109.40	-40.72	Peak	0.00
4	pp 5941.746	10.86	34.22	29.72	46.43	61.79	68.20	-6.41	Peak	0.00

11ax_80M_TX_CH_155_Horizontal



Condition: 3m HORIZONTAL

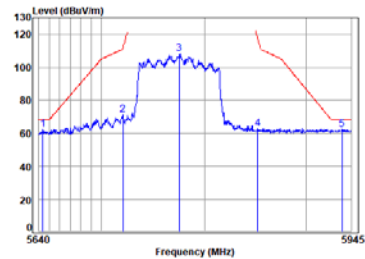
Job No : 00366AT

Mode : 5775 Band edge

: 5.80 W-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5642.377	10.47	33.40	29.80	47.17	61.24	68.20	-6.96	Peak		0.00
2	5723.486	10.67	33.75	29.78	52.00	67.44	118.75	-51.31	Peak		0.00
3	5775.000	10.91	33.90	29.76	87.99	103.04	-----	-----	Peak		0.00
4	5851.191	10.95	34.20	29.74	47.06	62.47	119.48	-57.01	Peak		0.00
5 pp	5926.244	10.87	34.25	29.72	46.91	62.31	68.20	-5.89	Peak		0.00

11ax_80M_TX_CH_155_Vertical



Condition: 3m VERTICAL

Job No : 00366AT

Mode : 5775 Band edge

: 5.80 W-F1 11AX80

	Freq	Cable Loss	Factor	Ant Factor	Preamp	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	5643.863	10.48	33.40	29.80	48.42	62.50	68.20	-5.70	Peak		0.00
2	5720.472	10.65	33.74	29.78	56.39	71.00	111.88	-40.88	Peak		0.00
3	5775.000	10.91	33.90	29.76	93.41	108.46	-----	-----	Peak		0.00
4	5852.116	10.95	34.20	29.74	47.41	62.82	117.37	-54.55	Peak		0.00
5 pp	5935.927	10.86	34.23	29.72	47.14	62.51	68.20	-5.69	Peak		0.00



7.3 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
 Test Method: ANSI C63.10 (2020) Section 6.4,6.5
 Measurement Distance: 3m
 Test Engineer: Kaito Zeng
 Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
960-1000	500	3

Note

1. The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

2. At frequencies below 1GHz, measurements may be performed at a distance different to specified in the regulations.

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Below 30MHz, Aux Factor = 40 dB/decade of distance, the aux factor is $40\log(3/300) = -80\text{dB}$ (for 3m test distance).

EX. Above 30MHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(10/3) = 10.46\text{dB}$ (for 10m test distance).

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C Humidity: 46.8 % RH Atmospheric Pressure: 1020 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	12	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the



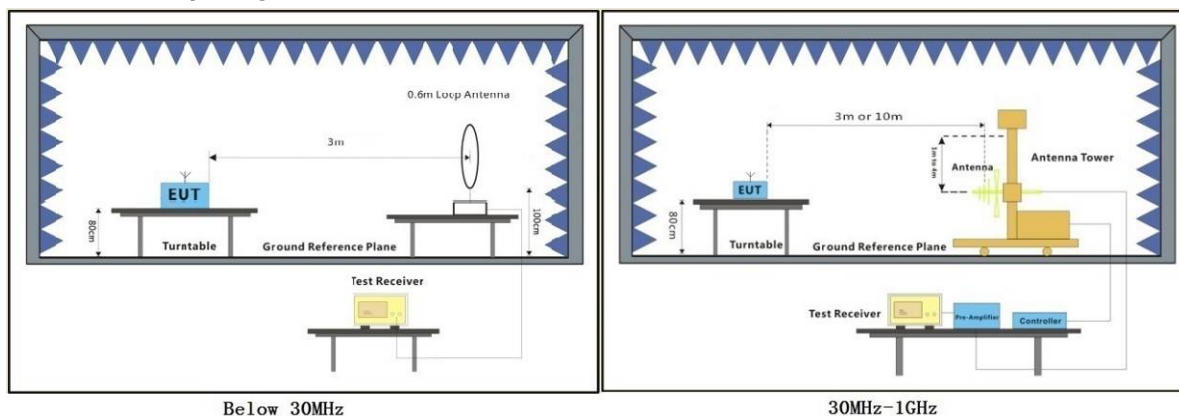
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		worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	13	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Pre-scan	14	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Pre-scan	15	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8m above the ground at a semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3m or 10m away from the interference-receiving antenna, which was mounted on the variable-height antenna tower.
- c. The antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1m to 4m (for the test frequency of below 30MHz, the antenna was tuned to heights 1m) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. At frequencies below 1GHz, measurements may be performed at a distance different to specified in the regulations.

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Below 30MHz, Aux Factor = 40 dB/decade of distance, the aux factor is $40\log(3/300) = -80\text{dB}$ (for 3m test distance).

EX. Above 30MHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(10/3) = 10.46\text{dB}$ (for 10m test distance).

2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the worst-case test curve is displayed.

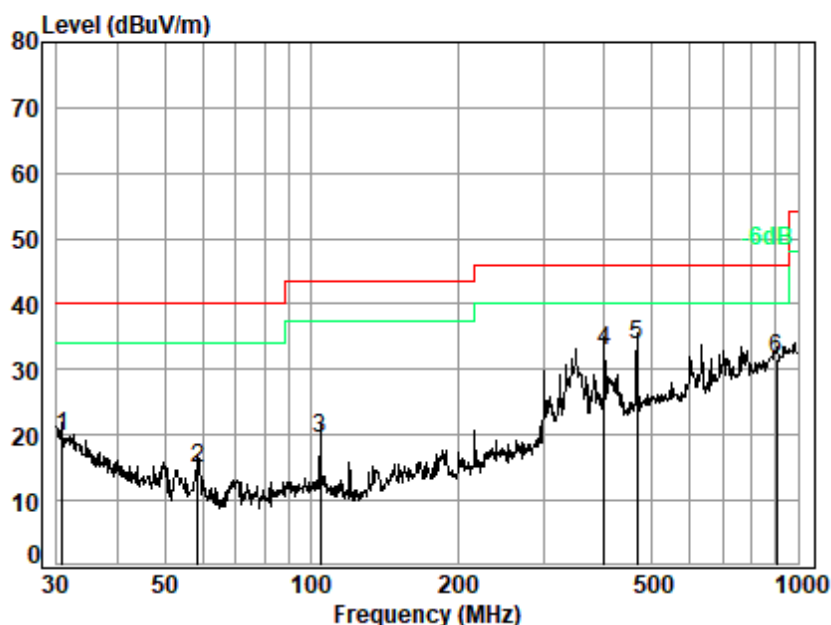


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Test Mode: 12; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 00366AT
Test Mode: 12

	Ant Freq	Cable Factor	Preamp Loss	Read Factor	Level dBuV	Limit dBuV/m	Over Line	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dB	
1	30.745	21.07	0.75	27.65	25.58	19.75	40.00	-20.25 QP
2	58.407	11.54	0.92	27.62	29.92	14.76	40.00	-25.24 QP
3	104.170	12.48	1.25	27.61	33.41	19.53	43.50	-23.97 QP
4	400.432	20.48	2.49	27.75	37.69	32.91	46.00	-13.09 QP
5 q	467.235	21.93	2.71	27.88	36.92	33.68	46.00	-12.32 QP
6	903.309	28.69	3.99	26.95	25.79	31.52	46.00	-14.48 QP



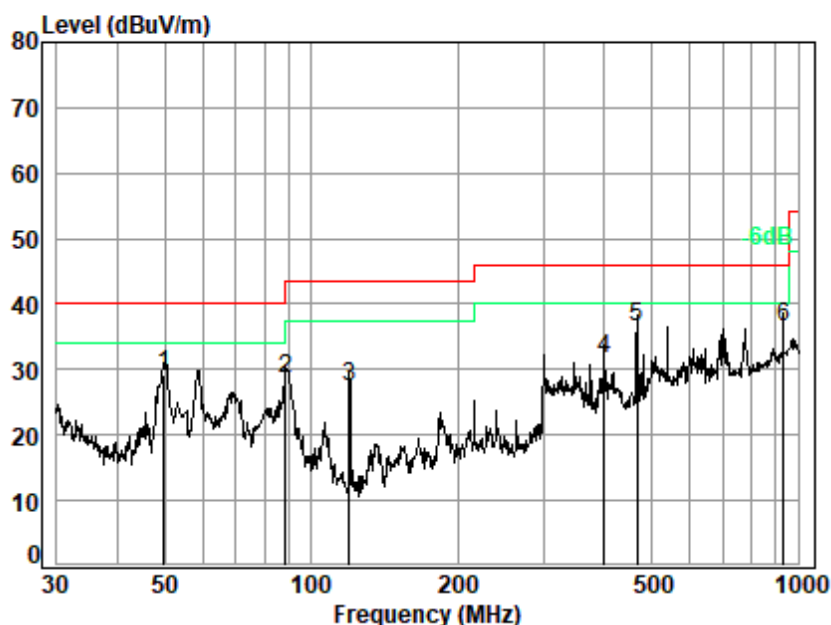
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Test Mode: 12; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 00366AT
Test Mode: 12

	Ant	Cable	Preamp	Read	Limit	Over	
Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	49.881	13.07	0.90	27.63	42.78	29.12	40.00 -10.88 QP
2	88.652	11.65	1.17	27.61	43.33	28.54	43.50 -14.96 QP
3	119.856	11.54	1.35	27.65	42.15	27.39	43.50 -16.11 QP
4	399.030	20.47	2.49	27.75	36.57	31.78	46.00 -14.22 QP
5	467.235	21.93	2.71	27.88	39.71	36.47	46.00 -9.53 QP
6 q	932.272	28.86	4.04	26.78	30.52	36.64	46.00 -9.36 QP



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Shenzhen Branch Calibration Laboratory

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7.4 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
 Test Method: ANSI C63.10 (2020) Section 6.6 & 12.7
 Measurement Distance: 3m
 Test Engineer: Mihawk Li
 Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

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

Remark:

1. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

2. Above 18GHz, measurements may be performed at a distance shorter than that specified in the regulations

Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor+ Aux Factor (if applicable)

The aux factor needs to be added when measurements are performed at a distance other than the limit distance provided.

EX. Above 18GHz, Aux Factor = 20 dB/decade of distance, the aux factor is $20\log(1/3) = -9.54\text{dB}$ (for 1m test distance).



7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C Humidity: 57.8 % RH Atmospheric Pressure: 1020 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	12	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	13	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Final test	14	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	15	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.

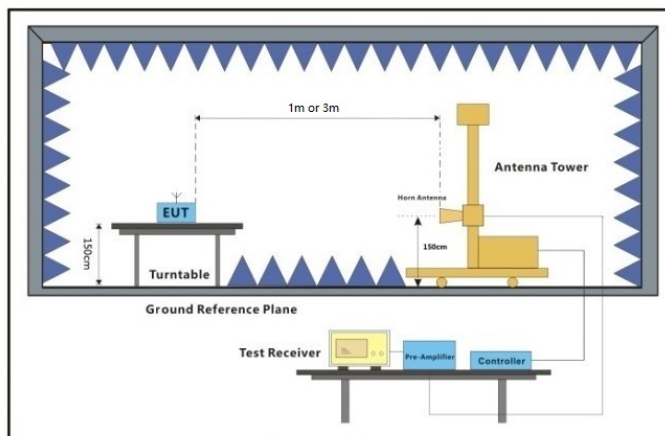


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7.4.3 Test Setup Diagram



Above 1GHz

7.4.4 Measurement Procedure and Data

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 1GHz to 40GHz, The points marked on below plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
4. The disturbance above 18GHz were very low and the below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.
5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.
6. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.
7. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $\leq 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

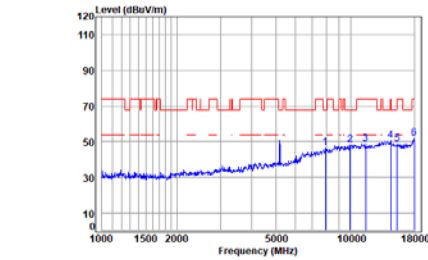


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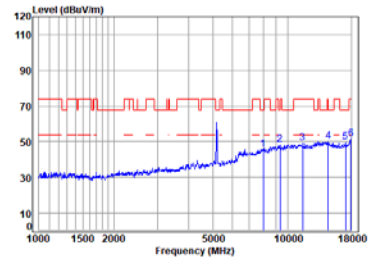
11a_TX_CH_036_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5180 TX RSE
: 50 Wi-Fi 11A

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 7898.049	11.54	37.29	55.96	53.63	46.50	68.20	-21.70	Peak	0.00
2 pp 9952.717	12.91	38.71	53.65	50.31	48.20	68.20	-19.92	Peak	0.00
3 11500.200	15.05	39.20	53.35	48.09	48.99	74.00	-25.01	Peak	0.00
4 14491.968	17.07	40.22	54.10	47.30	50.49	74.00	-23.51	Peak	0.00
5 15354.390	16.04	39.09	53.96	47.02	48.99	74.00	-25.01	Peak	0.00
6 18000.000	18.35	42.60	54.38	45.22	51.87	74.00	-22.13	Peak	0.00

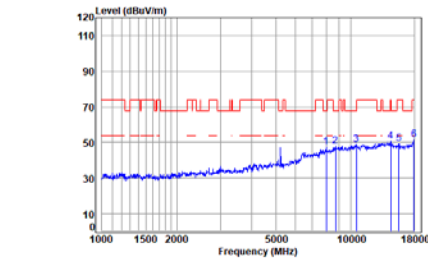
11a_TX_CH_036_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5180 TX RSE
: 50 Wi-Fi 11A

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 7966.832	11.55	37.27	55.92	52.91	45.81	68.20	-22.39	Peak	0.00
2 9312.585	12.19	38.70	54.34	51.89	48.44	74.00	-25.56	Peak	0.00
3 11500.200	15.05	39.20	53.35	48.20	49.10	74.00	-24.90	Peak	0.00
4 pp14533.910	16.79	40.20	54.10	47.40	50.29	68.20	-17.91	Peak	0.00
5 17807.460	18.42	38.09	53.94	46.28	49.65	68.20	-18.55	Peak	0.00
6 17948.050	18.30	42.29	54.28	45.07	51.38	74.00	-22.62	Peak	0.00

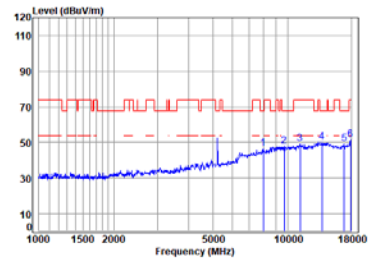
11a_TX_CH_044_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5220 TX RSE
: 50 Wi-Fi 11A

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 7909.893	11.56	37.22	55.91	54.44	47.31	68.20	-20.89	Peak	0.00
2 6658.400	12.08	38.28	55.06	52.46	47.76	68.20	-20.44	Peak	0.00
3 pp10545.010	13.62	39.30	53.54	49.40	48.70	68.20	-19.42	Peak	0.00
4 14491.968	17.07	40.22	54.10	47.42	50.61	74.00	-23.39	Peak	0.00
5 15622.990	17.19	38.75	53.85	47.35	49.44	74.00	-24.56	Peak	0.00
6 17948.050	18.30	42.29	54.28	45.17	51.48	74.00	-22.52	Peak	0.00

11a_TX_CH_044_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5220 TX RSE
: 50 Wi-Fi 11A

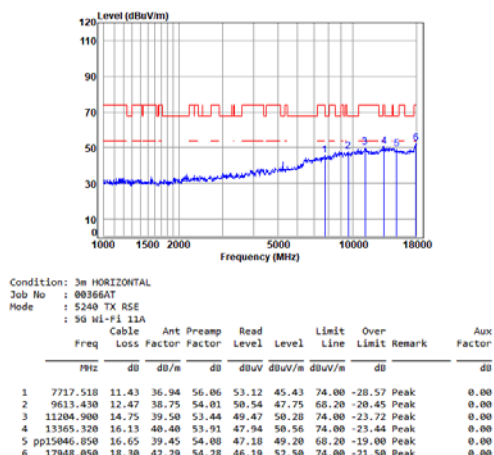
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MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 7966.832	11.55	37.27	55.92	53.46	46.36	68.20	-21.84	Peak	0.00
2 9697.151	12.69	38.51	53.92	50.45	47.73	68.20	-20.47	Peak	0.00
3 11204.900	14.75	39.50	53.44	48.33	49.14	74.00	-24.86	Peak	0.00
4 pp13717.560	16.33	40.30	54.02	47.75	50.36	68.20	-17.84	Peak	0.00
5 16891.040	18.12	38.60	53.88	46.28	49.12	68.20	-19.08	Peak	0.00
6 17948.050	18.25	41.97	54.26	45.76	51.72	74.00	-22.28	Peak	0.00



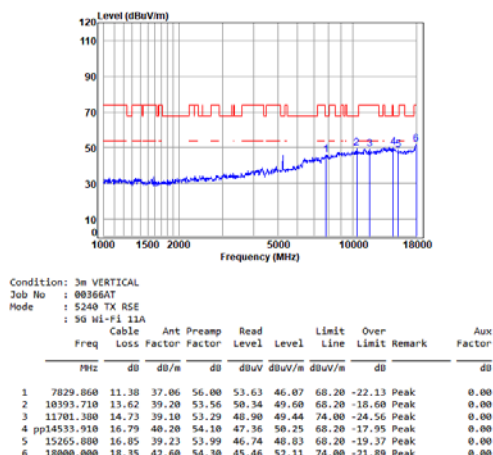
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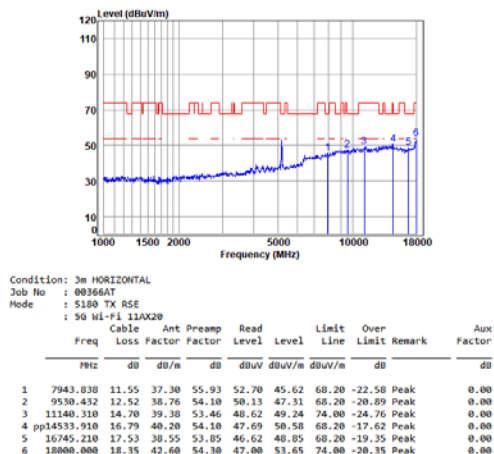
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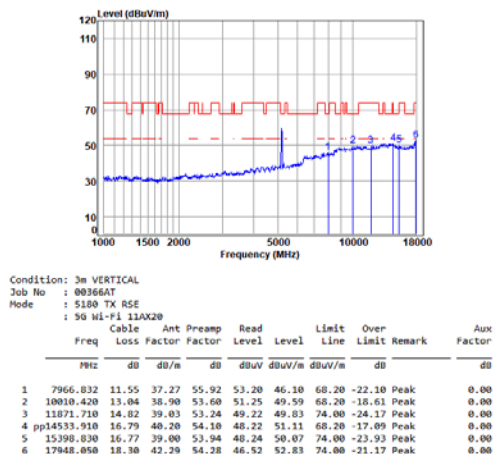
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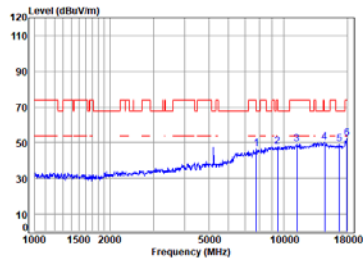
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11ax_20M_TX_CH_036_Vertical



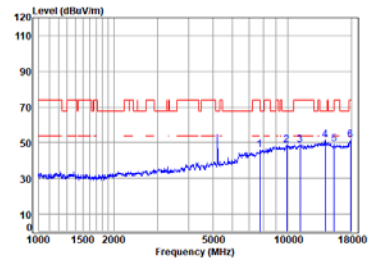
11ax_20M_TX_CH_044_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5220 TX RSE
: 50 Wt-Fi 11AX20

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Limit	Factor
1	7762.260	11.36	37.00	56.04	54.16	46.48	68.20	-21.72	Peak	0.00
2	9448.149	12.43	36.90	54.19	50.99	48.13	74.00	-25.87	Peak	0.00
3	11302.400	14.63	39.40	53.41	48.68	49.30	74.00	-24.70	Peak	0.00
4	pp14618.170	16.25	40.20	54.10	47.98	50.33	68.20	-17.87	Peak	0.00
5	16745.210	17.53	38.55	53.85	47.02	49.25	68.20	-18.95	Peak	0.00
6	17948.050	18.30	42.29	54.28	46.18	52.49	74.00	-21.51	Peak	0.00

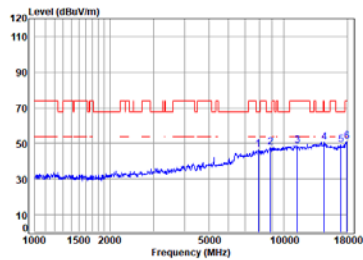
11ax_20M_TX_CH_044_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5220 TX RSE
: 50 Wt-Fi 11AX20

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Limit	Factor
1	7739.857	11.39	36.98	56.05	53.96	46.28	74.00	-27.72	Peak	0.00
2	9895.349	12.81	38.59	53.71	51.16	48.85	68.20	-19.35	Peak	0.00
3	11204.900	14.75	39.50	53.44	48.14	48.95	74.00	-25.05	Peak	0.00
4	pp14168.710	16.18	40.46	54.10	48.84	51.38	68.20	-16.82	Peak	0.00
5	15354.390	16.84	39.09	53.96	47.28	49.25	74.00	-24.75	Peak	0.00
6	17896.250	18.25	41.97	54.26	45.81	51.77	74.00	-22.23	Peak	0.00

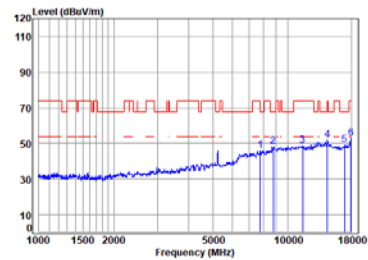
11ax_20M_TX_CH_048_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5240 TX RSE
: 50 Wt-Fi 11AX20

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Limit	Factor
1	7898.049	11.54	37.29	55.96	53.50	46.37	68.20	-21.83	Peak	0.00
2	8866.062	12.23	38.40	54.85	52.27	48.05	68.20	-20.15	Peak	0.00
3	11368.800	14.35	39.33	53.39	48.78	48.99	74.00	-25.01	Peak	0.00
4	pp14575.970	16.41	40.20	54.10	48.35	50.86	68.20	-17.34	Peak	0.00
5	17030.150	18.22	38.84	53.92	46.19	49.33	68.20	-18.87	Peak	0.00
6	17948.050	18.30	42.29	54.28	44.97	51.28	74.00	-22.72	Peak	0.00

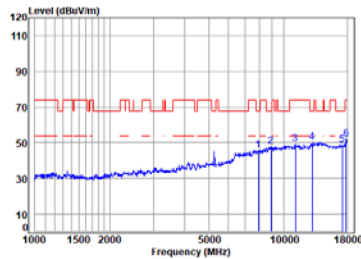
11ax_20M_TX_CH_048_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5240 TX RSE
: 50 Wt-Fi 11AX20

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Limit	Factor
1	7762.260	11.36	37.00	56.04	53.64	45.96	68.20	-22.24	Peak	0.00
2	8764.146	12.19	38.30	54.97	52.84	48.36	68.20	-19.84	Peak	0.00
3	11467.000	14.77	39.23	53.36	47.98	48.62	74.00	-25.38	Peak	0.00
4	pp14458.130	16.98	40.30	54.10	48.61	51.79	68.20	-16.41	Peak	0.00
5	16939.940	18.14	38.68	53.89	46.56	49.49	68.20	-18.71	Peak	0.00
6	17948.050	18.30	42.29	54.28	46.52	52.83	74.00	-21.17	Peak	0.00

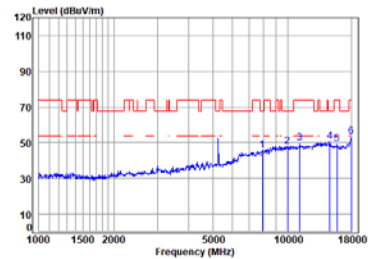
11a_TX_CH_052_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5260 TX RSE
: 90 Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7920.911	11.54	37.30	55.94	52.65	45.55	68.20	-22.65	Peak	0.00
2	8891.725	12.22	38.40	54.82	52.31	48.11	68.20	-20.09	Peak	0.00
3	11140.310	14.70	39.30	53.46	48.50	49.12	74.00	-24.80	Peak	0.00
4	pp12984.540	15.88	40.10	53.79	48.18	50.37	68.20	-17.83	Peak	0.00
5	17106.530	17.91	38.99	53.98	46.08	49.00	68.20	-19.20	Peak	0.00
6	17844.590	18.21	41.56	54.24	46.35	51.88	74.00	-22.12	Peak	0.00

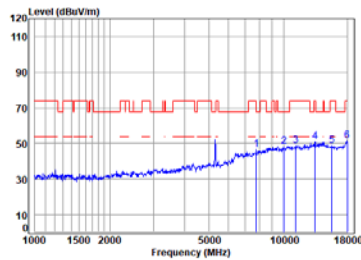
11a_TX_CH_052_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5260 TX RSE
: 90 Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7920.911	11.54	37.30	55.94	52.09	45.79	68.20	-22.41	Peak	0.00
2	9981.525	12.97	38.83	53.62	49.77	47.95	68.20	-20.25	Peak	0.00
3	11172.560	14.73	39.45	53.45	49.10	49.83	74.00	-24.17	Peak	0.00
4	pp14788.150	16.52	40.11	54.10	47.95	50.48	68.20	-17.72	Peak	0.00
5	15804.660	17.04	38.59	53.78	47.27	49.12	74.00	-24.88	Peak	0.00
6	18000.000	18.35	42.60	54.30	46.61	53.26	74.00	-20.74	Peak	0.00

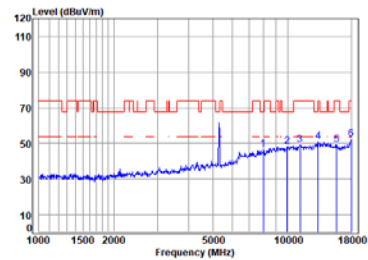
11a_TX_CH_060_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5300 TX RSE
: 90 Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7762.260	11.36	37.00	56.04	54.25	46.57	68.20	-21.63	Peak	0.00
2	pp10010.420	13.04	38.90	53.60	49.95	48.29	68.20	-19.91	Peak	0.00
3	11172.560	14.73	39.45	53.45	48.21	48.94	74.00	-25.06	Peak	0.00
4	13365.320	16.13	40.40	53.91	48.27	50.89	74.00	-23.11	Peak	0.00
5	15622.990	17.19	38.75	53.05	46.72	48.01	74.00	-25.19	Peak	0.00
6	18000.000	18.35	42.60	54.30	45.83	51.68	74.00	-22.32	Peak	0.00

11a_TX_CH_060_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5300 TX RSE
: 90 Wi-Fi 11A

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dB	dB	dBuV	dBuV/m	dBuV/m	dB	dB
1	7989.893	11.56	37.22	55.91	53.48	46.35	68.20	-21.85	Peak	0.00
2	pp9952.717	12.91	38.71	53.65	50.20	48.17	68.20	-20.03	Peak	0.00
3	11204.900	14.75	39.50	53.44	48.40	49.21	74.00	-24.79	Peak	0.00
4	13288.280	16.44	40.19	53.89	48.24	50.98	74.00	-23.02	Peak	0.00
5	15759.050	17.13	38.60	53.79	47.39	49.33	74.00	-24.67	Peak	0.00
6	18000.000	18.35	42.60	54.30	45.86	52.51	74.00	-21.49	Peak	0.00



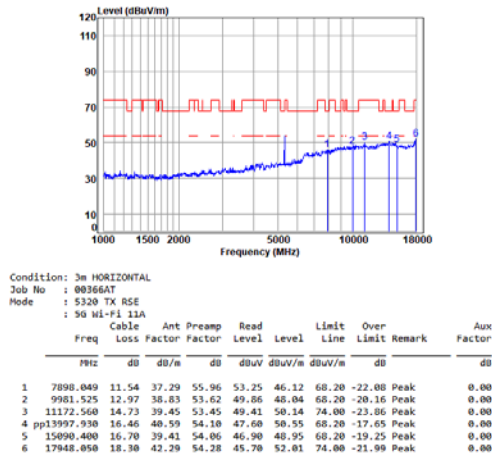
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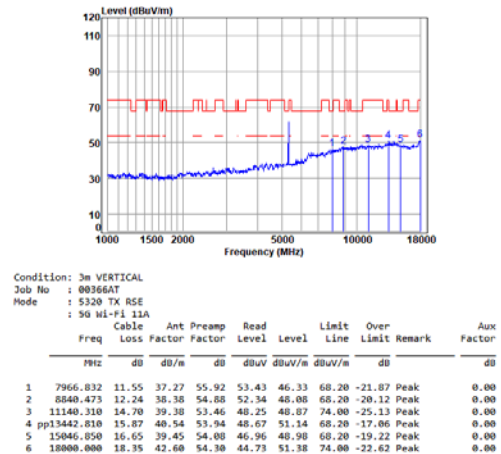
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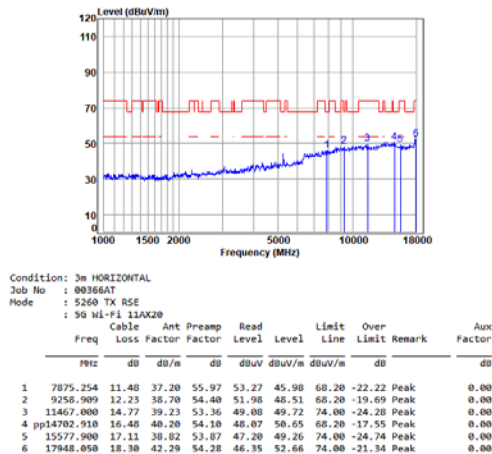
11a_TX_CH_064_Horizontal



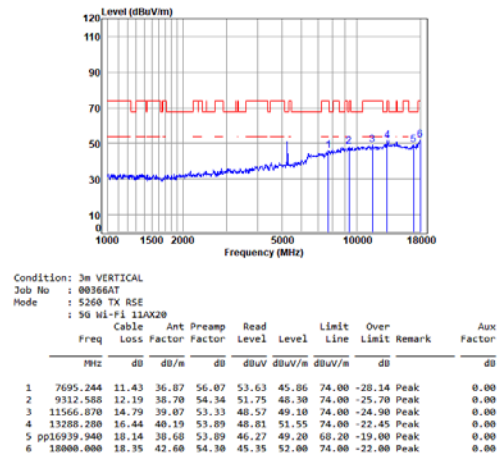
11a_TX_CH_064_Vertical



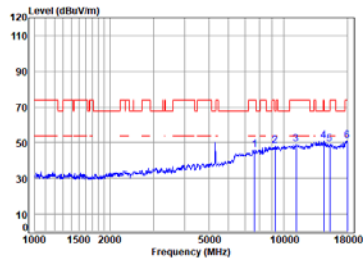
11ax_20M_TX_CH_052_Horizontal



11ax_20M_TX_CH_052_Vertical



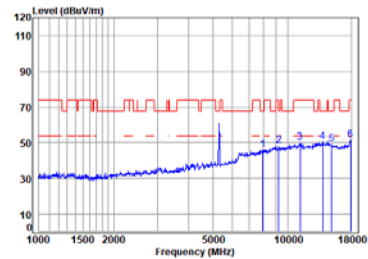
11ax_20M_TX_CH_060_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5300 TX RSE
: 90 NI-FI 11AX20

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	dB	dB	dB
1	7650.888	11.27	36.61	56.10	54.34	46.12	74.00	-27.88	Peak	0.00	
2	9232.187	12.27	38.63	54.43	51.86	48.33	68.20	-19.87	Peak	0.00	
3	11204.900	14.75	39.50	53.44	48.36	49.17	74.00	-24.03	Peak	0.00	
4	14491.960	17.87	40.22	54.10	47.70	50.89	74.00	-23.11	Peak	0.00	
5	pp15310.070	16.90	39.18	53.97	47.10	49.21	68.20	-18.99	Peak	0.00	
6	18000.000	18.35	42.60	54.30	44.66	51.31	74.00	-22.69	Peak	0.00	

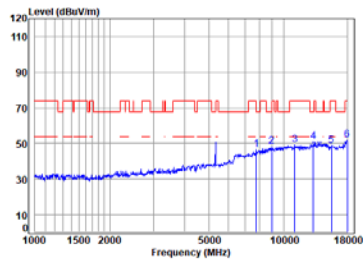
11ax_20M_TX_CH_060_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5300 TX RSE
: 90 NI-FI 11AX20

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	dB	dB	dB
1	7943.838	11.55	37.30	55.93	53.02	45.94	68.20	-22.26	Peak	0.00	
2	9205.540	12.31	38.52	54.46	52.06	48.43	68.20	-19.77	Peak	0.00	
3	11204.900	14.75	39.50	53.44	49.45	50.26	74.00	-23.74	Peak	0.00	
4	pp13837.020	15.95	40.26	54.05	48.44	50.68	68.20	-17.50	Peak	0.00	
5	15046.050	16.65	39.45	54.08	47.13	49.15	68.20	-19.05	Peak	0.00	
6	17896.250	18.25	41.97	54.26	45.88	51.76	74.00	-22.24	Peak	0.00	

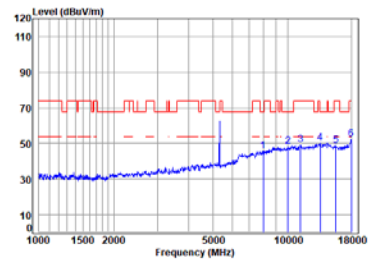
11ax_20M_TX_CH_064_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5320 TX RSE
: 90 NI-FI 11AX20

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	dB	dB	dB
1	7762.260	11.36	37.00	56.04	54.11	46.43	68.20	-21.77	Peak	0.00	
2	8943.274	12.19	38.49	54.76	52.64	48.56	68.20	-19.64	Peak	0.00	
3	11076.100	14.54	39.30	53.40	48.78	49.34	74.00	-24.06	Peak	0.00	
4	pp13173.560	15.64	40.10	53.85	49.43	51.32	68.20	-16.88	Peak	0.00	
5	15577.900	17.11	38.82	53.87	46.93	48.99	74.00	-25.01	Peak	0.00	
6	18000.000	18.35	42.60	54.30	45.31	51.96	74.00	-22.04	Peak	0.00	

11ax_20M_TX_CH_064_Vertical

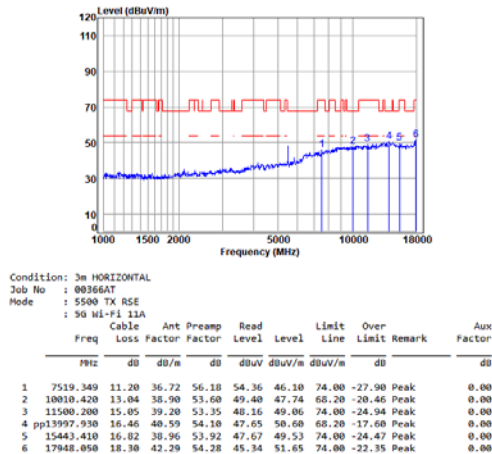


Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5320 TX RSE
: 90 NI-FI 11AX20

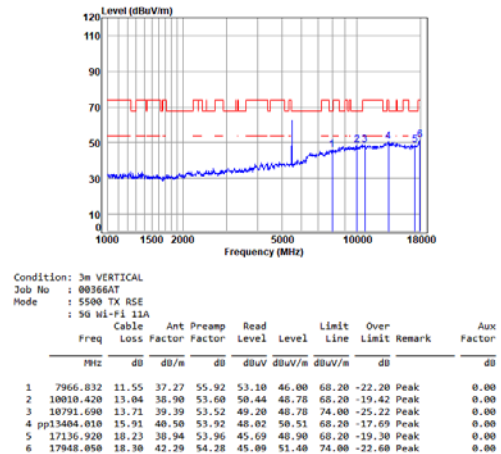
Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	dB	dB	dB
1	7989.893	11.56	37.22	55.91	52.68	45.55	68.20	-22.65	Peak	0.00	
2	10010.420	13.04	38.90	53.60	49.85	48.19	68.20	-20.01	Peak	0.00	
3	11269.060	14.68	39.43	53.42	48.37	49.06	74.00	-24.94	Peak	0.00	
4	pp13528.740	15.80	40.56	53.96	47.78	50.18	68.20	-18.02	Peak	0.00	
5	15622.990	17.19	38.75	53.85	46.68	48.77	74.00	-25.23	Peak	0.00	
6	18000.000	18.35	42.60	54.30	45.69	52.34	74.00	-21.66	Peak	0.00	



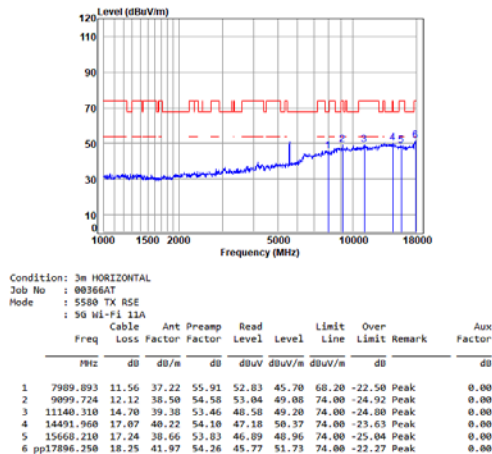
11a_TX_CH_100_Horizontal



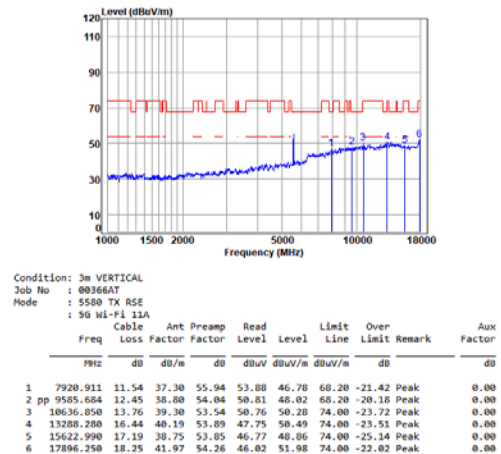
11a_TX_CH_100_Vertical



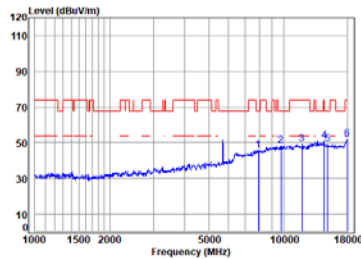
11a_TX_CH_116_Horizontal



11a_TX_CH_116_Vertical



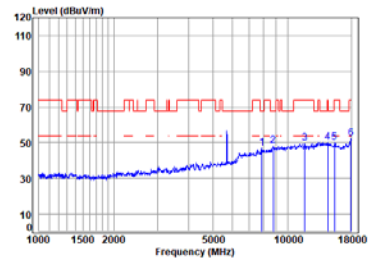
11a_TX_CH_140_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5700 TX RSE
: 50 Wt-F1 11A

Freq	Cable	Loss	Factor	Ant	Pream	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Limit	Factor
1	7920.911	11.54	37.30	55.94	52.87	45.77	68.20	-22.43	Peak	0.00
2	9753.371	12.91	38.41	53.66	50.70	48.16	68.20	-20.04	Peak	0.00
3	11871.710	14.02	39.03	53.24	48.48	49.09	74.00	-24.91	Peak	0.00
4	14533.910	16.79	40.20	54.10	48.04	50.93	68.20	-17.27	Peak	0.00
5	15046.850	16.65	39.45	54.08	47.20	49.22	68.20	-18.98	Peak	0.00
6	18000.000	18.35	42.60	54.30	45.17	51.82	74.00	-22.18	Peak	0.00

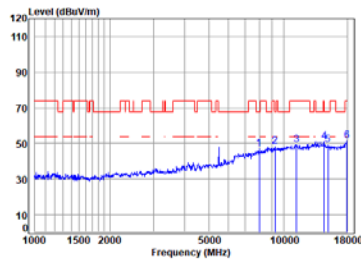
11a_TX_CH_140_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5700 TX RSE
: 50 Wt-F1 11A

Freq	Cable	Loss	Factor	Ant	Pream	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Limit	Factor
1	7875.254	11.48	37.20	55.97	54.40	47.11	68.20	-21.09	Peak	0.00
2	9738.852	12.15	38.30	55.00	53.00	48.45	68.20	-19.75	Peak	0.00
3	11701.300	14.73	39.10	53.29	49.22	49.76	74.00	-24.24	Peak	0.00
4	14491.960	17.07	40.22	54.10	47.06	50.25	74.00	-23.75	Peak	0.00
5	15443.410	16.82	38.96	53.92	48.37	50.23	74.00	-23.77	Peak	0.00
6	17948.050	18.30	42.29	54.28	45.97	52.28	74.00	-21.72	Peak	0.00

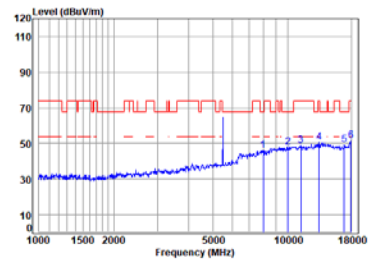
11ax_20M_TX_CH_100_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5500 TX RSE
: 50 Wt-F1 11AX20

Freq	Cable	Loss	Factor	Ant	Pream	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Limit	Factor
1	7966.832	11.55	37.27	55.92	54.04	46.94	68.20	-21.26	Peak	0.00
2	9232.187	12.27	38.63	54.43	51.83	48.30	68.20	-19.90	Peak	0.00
3	11269.860	14.68	39.43	53.42	48.74	49.43	74.00	-24.57	Peak	0.00
4	14533.910	16.79	40.20	54.10	48.42	51.31	68.20	-16.89	Peak	0.00
5	15090.400	16.70	39.41	54.06	47.16	49.21	68.20	-18.99	Peak	0.00
6	17948.050	18.30	42.29	54.28	45.42	51.73	74.00	-22.27	Peak	0.00

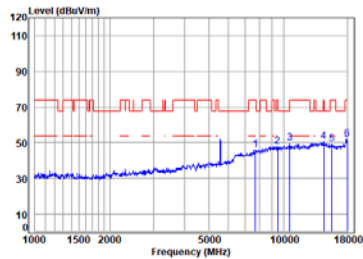
11ax_20M_TX_CH_100_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5500 TX RSE
: 50 Wt-F1 11AX20

Freq	Cable	Loss	Factor	Ant	Pream	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Limit	Factor
1	7989.893	11.56	37.22	55.91	53.29	46.16	68.20	-22.04	Peak	0.00
2	10010.420	13.04	38.90	53.60	49.59	47.93	68.20	-20.27	Peak	0.00
3	11302.400	14.63	39.40	53.41	48.27	48.89	74.00	-25.11	Peak	0.00
4	13365.320	16.13	40.40	53.91	48.02	50.64	74.00	-23.36	Peak	0.00
5	16891.040	18.12	38.60	53.88	46.30	49.14	68.20	-19.06	Peak	0.00
6	17948.050	18.30	42.29	54.28	45.45	51.76	74.00	-22.24	Peak	0.00

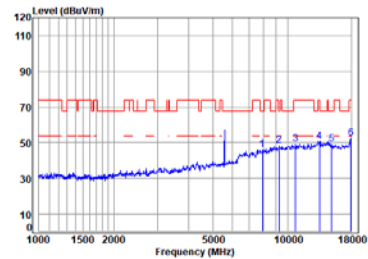
11ax_20M_TX_CH_116_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5580 TX RSE
: 50 W-Fl 11AX20

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Limit Remark	Factor
1	7695.244	11.43	36.87	56.87	53.64	45.87	74.00	-28.13	Peak	0.00
2	9448.149	12.43	38.90	54.19	50.85	47.99	74.00	-26.01	Peak	0.00
3	10606.150	13.62	39.30	53.54	50.14	49.52	74.00	-24.40	Peak	0.00
4	14491.908	17.87	48.22	54.10	47.25	50.44	74.00	-23.56	Peak	0.00
5	15622.990	17.19	38.75	53.85	47.35	49.44	74.00	-24.56	Peak	0.00
6	pp18000.000	18.35	42.60	54.30	45.43	52.08	74.00	-21.92	Peak	0.00

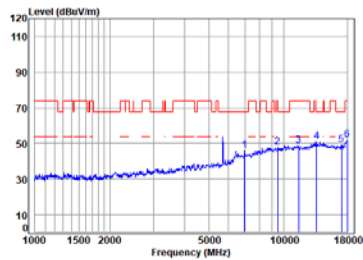
11ax_20M_TX_CH_116_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5580 TX RSE
: 50 W-Fl 11AX20

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Limit Remark	Factor
1	7920.911	11.54	37.30	55.94	53.37	46.27	68.20	-21.93	Peak	0.00
2	9258.909	12.23	38.70	54.40	51.90	48.43	68.20	-19.77	Peak	0.00
3	10760.540	13.02	39.36	53.52	49.76	49.42	74.00	-24.58	Peak	0.00
4	pp13404.010	15.91	40.50	53.92	48.22	50.71	68.20	-17.49	Peak	0.00
5	15046.050	16.65	39.45	54.00	47.19	49.21	68.20	-18.99	Peak	0.00
6	17948.050	18.30	42.29	54.28	46.31	52.62	74.00	-21.38	Peak	0.00

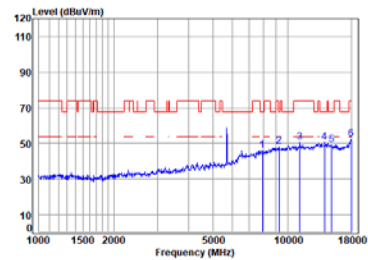
11ax_20M_TX_CH_140_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5700 TX RSE
: 50 W-Fl 11AX20

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Limit Remark	Factor
1	6954.052	11.37	36.21	56.50	54.91	45.99	68.20	-22.21	Peak	0.00
2	9448.149	12.43	38.90	54.19	50.60	47.74	74.00	-26.26	Peak	0.00
3	11407.800	14.77	39.23	53.36	48.31	48.95	74.00	-25.05	Peak	0.00
4	pp13599.130	15.76	40.40	53.98	48.78	50.96	68.20	-17.24	Peak	0.00
5	17007.460	18.42	38.09	53.94	45.00	49.17	68.20	-19.03	Peak	0.00
6	18000.000	18.35	42.60	54.30	45.53	52.18	74.00	-21.82	Peak	0.00

11ax_20M_TX_CH_140_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5700 TX RSE
: 50 W-Fl 11AX20

Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Limit Remark	Factor
1	7920.911	11.54	37.30	55.94	53.17	46.07	68.20	-22.13	Peak	0.00
2	9258.909	12.23	38.70	54.40	51.73	48.26	68.20	-19.94	Peak	0.00
3	11172.560	14.73	39.45	53.45	50.03	50.76	74.00	-23.24	Peak	0.00
4	pp14079.000	16.56	40.44	54.10	47.66	50.56	68.20	-17.64	Peak	0.00
5	15046.050	16.65	39.45	54.00	47.17	49.19	68.20	-19.01	Peak	0.00
6	18000.000	18.35	42.60	54.30	45.83	52.48	74.00	-21.52	Peak	0.00

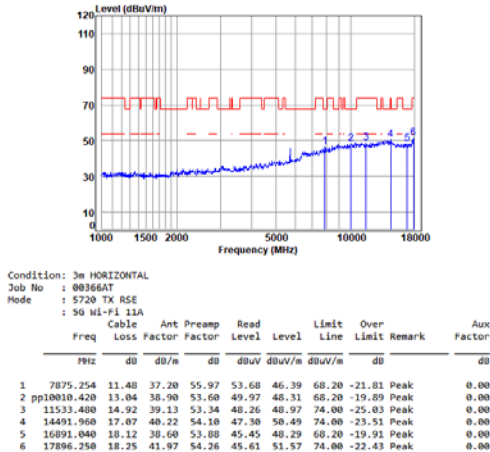


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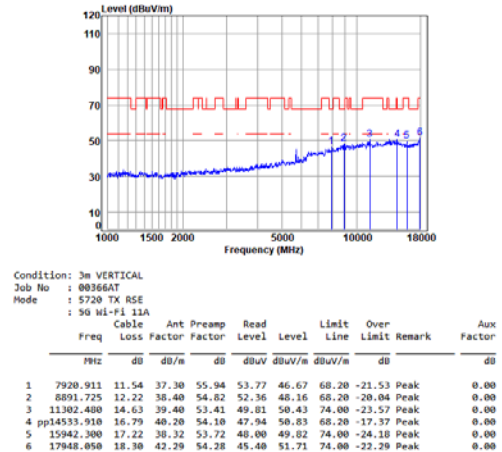
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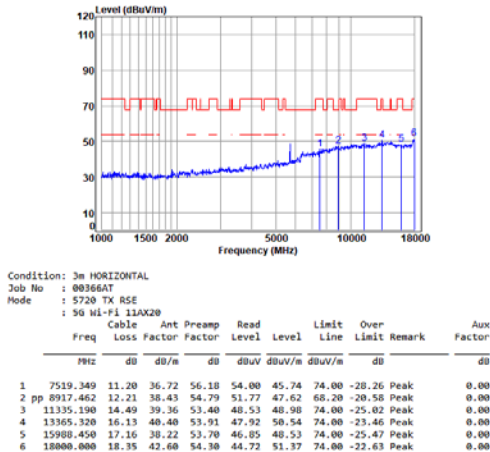
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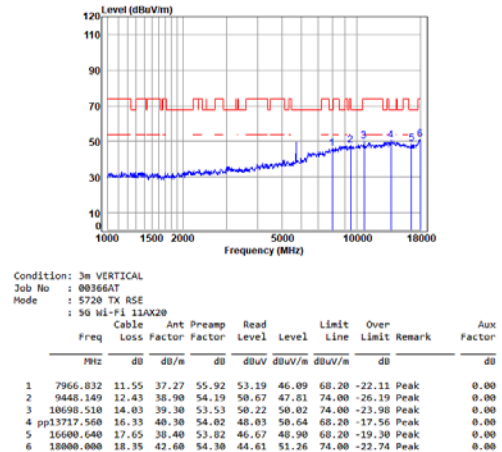
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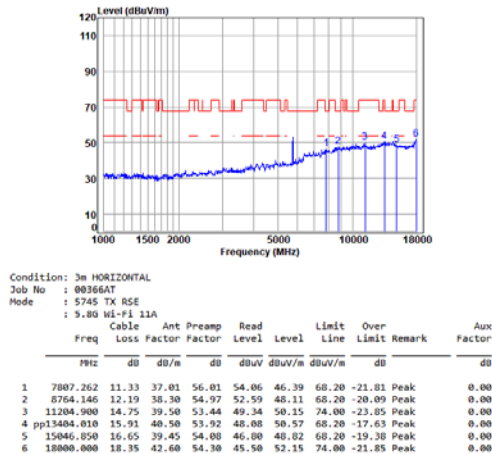
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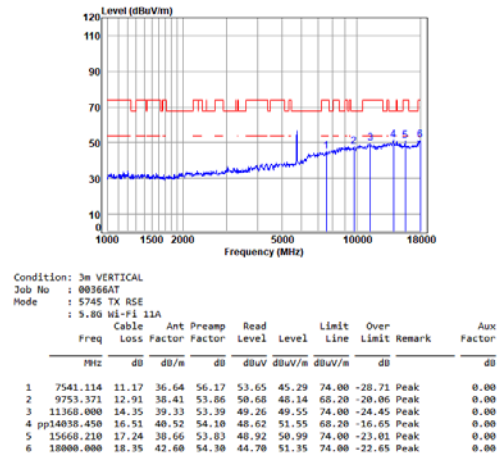
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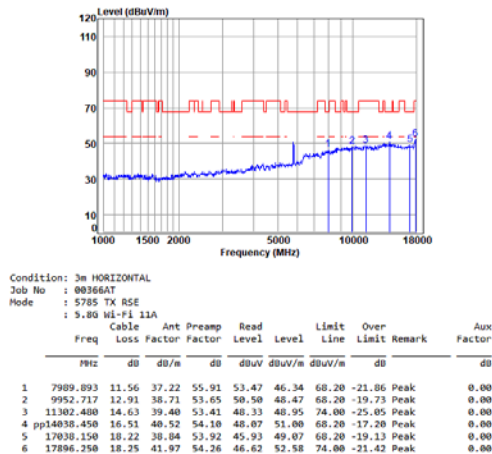
11a_TX_CH_149_Horizontal



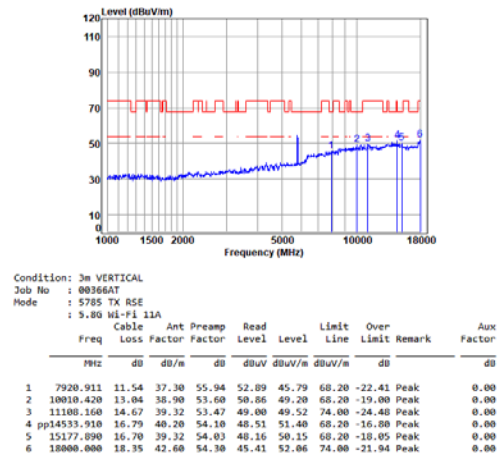
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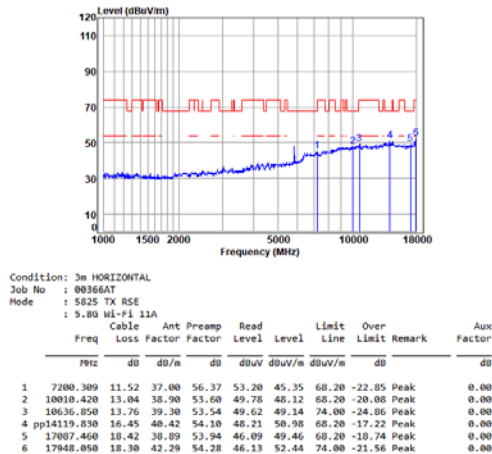
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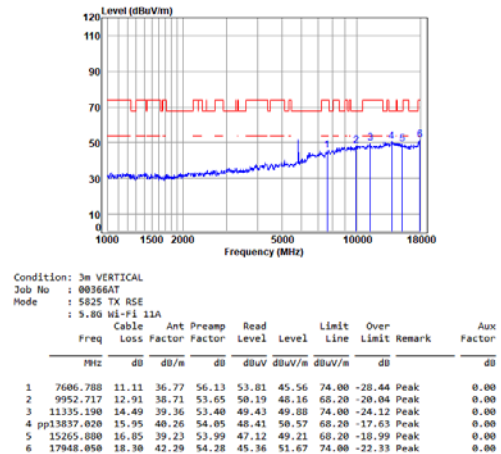
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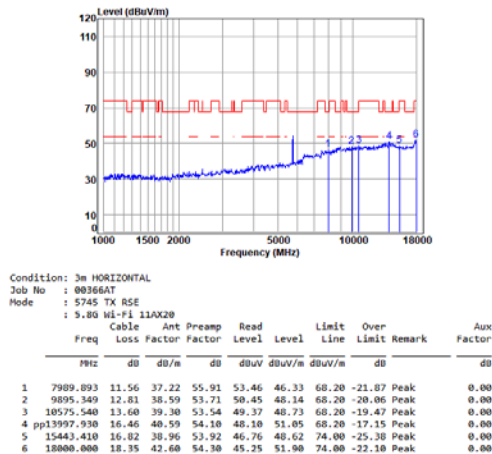
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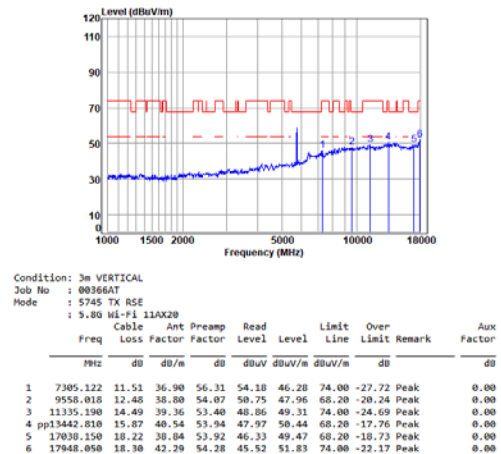
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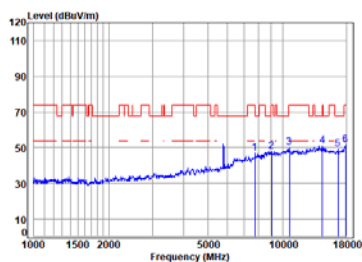
11ax_20M_TX_CH_149_Horizontal



11ax_20M_TX_CH_149_Vertical



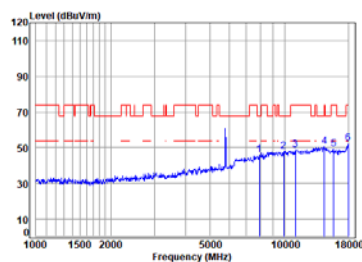
11ax_20M_TX_CH_157_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5785 TX RSE

Freq	Cable	Ant	Pream	Read	Level	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	dBuV/m	dBuV/m	Limit	Factor
dB	dB/m	dB	dB	dB	dB	dB	dB	dB
1	7739.857	11.39	36.98	54.85	47.17	74.00	-26.83	Peak
2	9047.272	12.14	36.59	54.65	47.96	74.00	-26.04	Peak
3	10636.850	13.76	39.30	53.54	50.47	74.00	-24.01	Peak
4	pp14450.130	16.98	40.30	54.10	47.98	74.00	-26.02	Peak
5	16696.800	17.59	38.50	53.84	46.94	74.00	-27.06	Peak
6	17896.250	18.25	41.97	54.26	45.71	74.00	-28.29	Peak

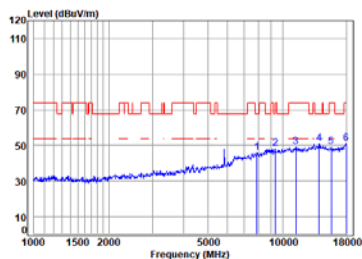
11ax_20M_TX_CH_157_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5785 TX RSE

Freq	Cable	Ant	Pream	Read	Level	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	dBuV/m	dBuV/m	Limit	Factor
dB	dB/m	dB	dB	dB	dB	dB	dB	dB
1	7920.911	11.54	37.30	55.94	53.07	45.97	68.20	-22.23
2	9095.349	12.81	38.59	53.71	50.29	47.98	68.20	-20.22
3	11044.130	14.39	39.30	53.49	48.77	48.97	74.00	-25.03
4	pp14450.130	16.98	40.30	54.10	47.29	50.47	68.20	-17.73
5	15713.560	17.24	38.60	53.81	47.36	49.39	74.00	-24.61
6	18000.000	18.35	42.60	54.30	46.05	52.70	74.00	-21.30

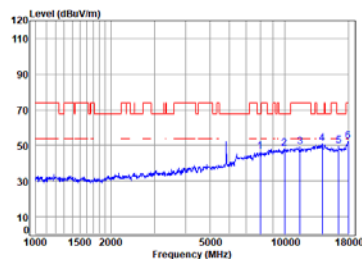
11ax_20M_TX_CH_165_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5825 TX RSE

Freq	Cable	Ant	Pream	Read	Level	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	dBuV/m	dBuV/m	Limit	Factor
dB	dB/m	dB	dB	dB	dB	dB	dB	dB
1	7875.254	11.40	37.20	55.97	53.15	45.86	68.20	-22.34
2	9339.543	12.22	38.70	54.31	51.72	46.33	74.00	-25.67
3	11302.400	14.63	39.40	53.41	48.05	49.47	74.00	-24.53
4	pp13997.930	16.46	40.59	54.10	48.18	51.13	68.20	-17.07
5	15660.210	17.24	38.66	53.83	46.99	49.06	74.00	-24.94
6	18000.000	18.35	42.60	54.30	44.67	51.32	74.00	-22.68

11ax_20M_TX_CH_165_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5825 TX RSE

Freq	Cable	Ant	Pream	Read	Level	Limit	Over	Aux
MHz	Loss	Factor	Factor	Level	dBuV/m	dBuV/m	Limit	Factor
dB	dB/m	dB	dB	dB	dB	dB	dB	dB
1	7989.893	11.56	37.22	55.91	53.73	46.60	68.20	-21.60
2	9981.525	12.97	38.83	53.62	50.28	48.46	68.20	-19.74
3	11533.400	14.92	39.13	53.34	48.61	49.32	74.00	-24.68
4	pp14160.710	16.18	40.46	54.10	48.75	51.29	68.20	-16.91
5	16504.960	17.74	38.21	53.80	47.51	49.66	68.20	-18.54
6	18000.000	18.35	42.60	54.30	45.61	52.26	74.00	-21.74

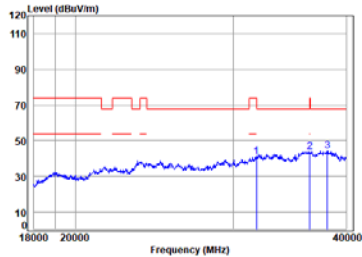
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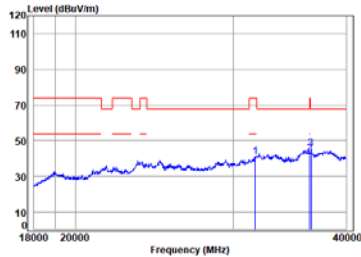
11a_TX_CH_036_Horizontal



Condition: 3m HORIZONTAL
Job No : 00366AT
Mode : 5180 TX RSE
: 50 NI-FI 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31807.680	7.87	40.82	51.43	53.36	41.08	68.20	-27.12	Peak		-9.54
2	36432.240	7.97	42.10	49.55	52.84	43.82	74.00	-30.18	Peak		-9.54
3	pp38128.770	7.79	42.15	50.28	54.30	44.42	68.20	-23.78	Peak		-9.54

11a_TX_CH_036_Vertical



Condition: 3m VERTICAL
Job No : 00366AT
Mode : 5180 TX RSE
: 50 NI-FI 11A

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	31706.250	7.83	40.77	51.55	53.56	41.07	74.00	-32.93	Peak		-9.54
2	36461.340	7.94	42.10	49.57	52.00	42.93	74.00	-31.07	Peak		-9.54
3	pp36577.980	7.81	42.04	49.65	54.76	45.42	68.20	-22.78	Peak		-9.54



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7.5 Duty Cycle

Test Requirement: ANSI C63.10 (2020) Section 12.2
 Test Method: ANSI C63.10 (2020) Section 12.2
 Test Engineer: Mingli Hu

7.5.1 E.U.T. Operation

Operating Environment:
 Temperature: 21.3 °C Humidity: 49.4 % RH Atmospheric Pressure: 1020 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	12	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	13	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Final test	14	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	15	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE



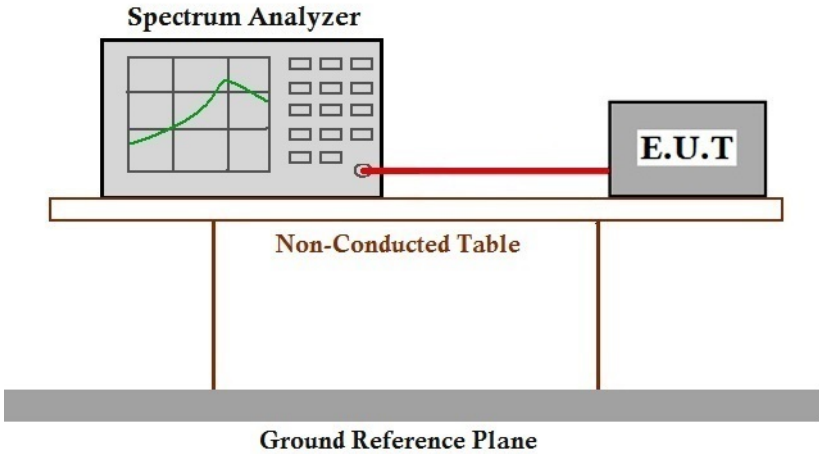
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		802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
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7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.6 99% Bandwidth

Test Requirement ANSI C63.10 (2020) Section 12.5.3
 Test Method: ANSI C63.10 (2020) Section 12.5.3
 Test Engineer: Mingli Hu

7.6.1 E.U.T. Operation

Operating Environment:
 Temperature: 21.3 °C Humidity: 49.4 % RH Atmospheric Pressure: 1020 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	12	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	13	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz). Only the data of worst case is recorded in the report.
Final test	14	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(80MHz); data rate @ VHT0 is the worst case of IEEE 802.11ac(160MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(20MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(40MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(80MHz); data rate @ HE0 is the worst case of IEEE 802.11ax(160MHz). Only the data of worst case is recorded in the report.
Final test	15	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(20MHz); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(40MHz); data rate @ VHT0 is the worst case of IEEE



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