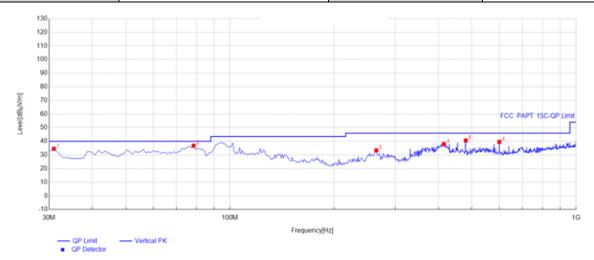
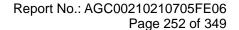




EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5785MHz	Antenna	Vertical

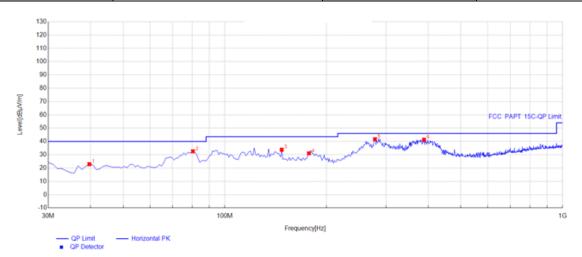


NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.97	34.55	10.02	40.00	5.45	100	295	Vertical
2	78.5	36.80	7.46	40.00	3.20	100	145	Vertical
3	264.74	33.41	14.96	46.00	12.59	100	232	Vertical
4	415.09	38.05	20.12	46.00	7.95	100	300	Vertical
5	480.08	40.62	21.72	46.00	5.38	100	103	Vertical
6	600.36	39.63	24.33	46.00	6.37	100	232	Vertical

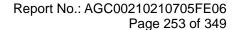




EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5825MHz	Antenna	Horizontal

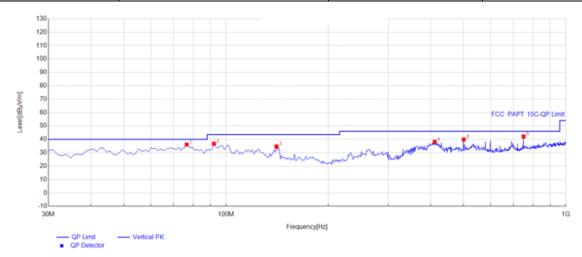


NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	39.7	22.90	11.86	40.00	17.10	100	157	Horizontal
2	80.44	32.57	7.15	40.00	7.43	100	127	Horizontal
3	147.37	33.85	14.88	43.50	9.65	100	22	Horizontal
4	177.44	31.08	13.24	43.50	12.42	100	109	Horizontal
5	278.32	41.65	16.14	46.00	4.35	100	278	Horizontal
6	388.9	41.31	19.39	46.00	4.69	100	260	Horizontal





EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5825MHz	Antenna	Vertical

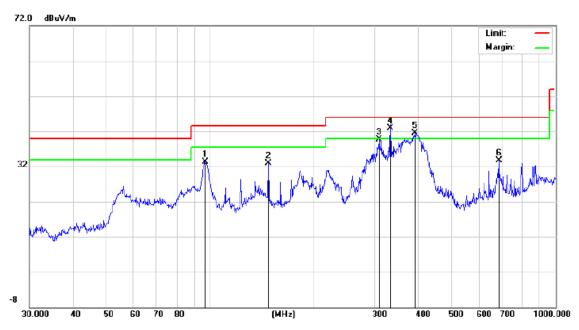


NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	76.56	36.11	7.87	40.00	3.89	100	126	Vertical
2	92.08	36.73	8.12	43.50	6.77	100	166	Vertical
3	140.58	34.70	14.88	43.50	8.80	100	14	Vertical
4	411.21	38.15	20.04	46.00	7.85	100	196	Vertical
5	500.45	39.94	22.19	46.00	6.06	100	24	Vertical
6	750.71	42.13	27.24	46.00	3.87	100	232	Vertical



#### Power board B

EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5180MHz	Antenna	Horizontal

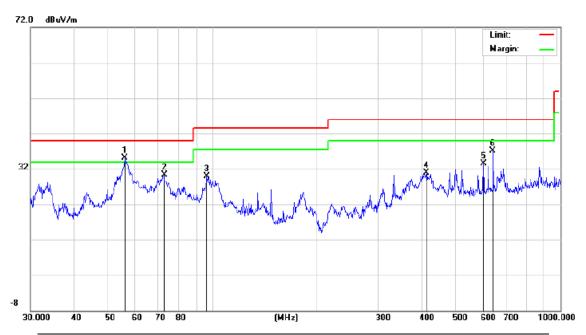


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		96.4362	23.50	9.77	33.27	43.50	-10.23	peak
2		147.4036	20.86	12.10	32.96	43.50	-10.54	peak
3		307.8313	23.06	16.62	39.68	46.00	-6.32	peak
4	*	332.5187	25.66	17.17	42.83	46.00	-3.17	QP
5	İ	390.7226	23.10	18.47	41.57	46.00	-4.43	peak
6		684.7454	15.81	17.97	33.78	46.00	-12.22	peak

**RESULT: PASS** 



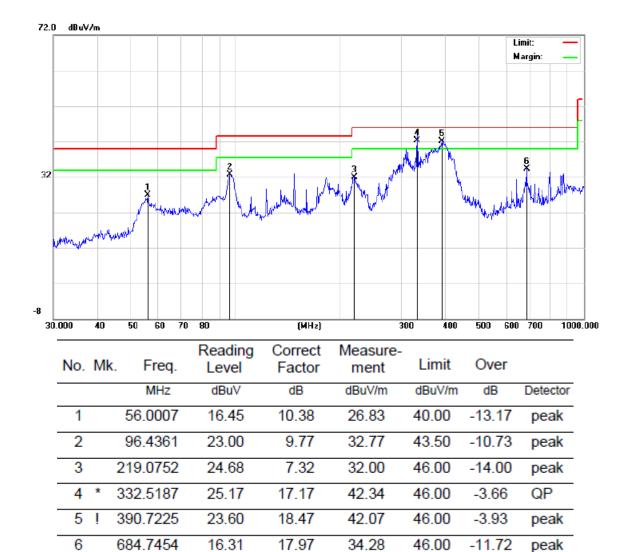
EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5180MHz	Antenna	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	56.0007	24.71	10.47	35.18	40.00	-4.82	peak
2		72.5916	18.74	11.55	30.29	40.00	-9.71	peak
3		96.4362	21.25	8.71	29.96	43.50	-13.54	peak
4		411.8240	16.63	14.34	30.97	46.00	-15.03	peak
5		601.4265	13.65	19.95	33.60	46.00	-12.40	peak
6		640.6110	17.03	20.03	37.06	46.00	-8.94	peak



EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5200MHz	Antenna	Horizontal





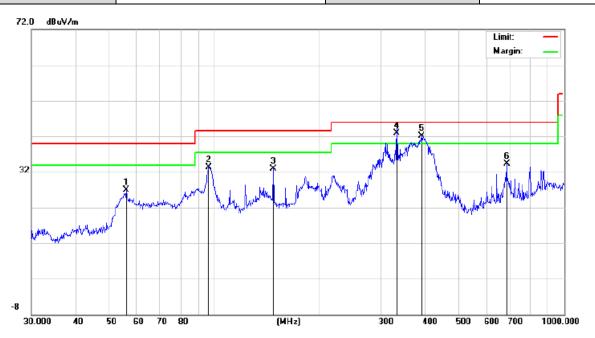
EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5200MHz	Antenna	Vertical



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		33.5623	21.36	7.28	28.64	40.00	-11.36	peak
2	*	56.0007	24.71	10.47	35.18	40.00	-4.82	peak
3		72.5916	18.74	11.55	30.29	40.00	-9.71	peak
4		96.4361	21.25	8.71	29.96	43.50	-13.54	peak
5		499.4245	14.81	16.97	31.78	46.00	-14.22	peak
6		640.6109	17.03	20.03	37.06	46.00	-8.94	peak



EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003	
Temperature	25°C	Relative Humidity	60%	
Pressure	960hPa	Test Voltage	Normal Voltage	
Test Mode	802.11a20 5240MHz	Antenna	Horizontal	



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		56.0007	16.45	10.38	26.83	40.00	-13.17	peak
2		96.4361	23.50	9.77	33.27	43.50	-10.23	peak
3		147.4036	20.86	12.10	32.96	43.50	-10.54	peak
4	*	332.5187	25.68	17.17	42.85	46.00	-3.15	QP
5	İ	390.7225	23.60	18.47	42.07	46.00	-3.93	peak
6		684.7454	16.31	17.97	34.28	46.00	-11.72	peak



EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5240MHz	Antenna	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		33.5623	20.36	7.28	27.64	40.00	-12.36	peak
2	*	56.0007	24.21	10.47	34.68	40.00	-5.32	peak
3		72.5916	18.24	11.55	29.79	40.00	-10.21	peak
4		96.4361	20.75	8.71	29.46	43.50	-14.04	peak
5		411.8240	17.13	14.34	31.47	46.00	-14.53	peak
6		640.6109	17.53	20.03	37.56	46.00	-8.44	peak



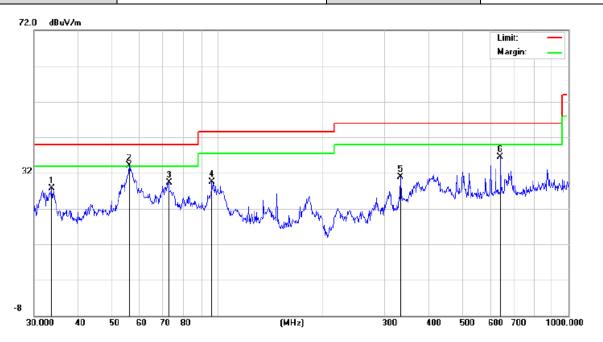
EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5260MHz	Antenna	Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		96.4361	23.00	9.77	32.77	43.50	-10.73	peak
2		147.4036	20.36	12.10	32.46	43.50	-11.04	peak
3		219.0752	24.18	7.32	31.50	46.00	-14.50	peak
4	*	332.5187	25.57	17.17	42.74	46.00	-3.26	QP
5	İ	390.7225	23.60	18.47	42.07	46.00	-3.93	peak
6		684.7454	16.31	17.97	34.28	46.00	-11.72	peak



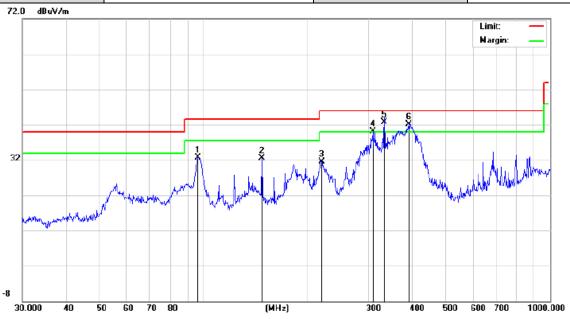
EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5260MHz	Antenna	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		33.5623	20.36	7.28	27.64	40.00	-12.36	peak
2	*	56.0007	23.71	10.47	34.18	40.00	-5.82	peak
3		72.5916	17.74	11.55	29.29	40.00	-10.71	peak
4		96.4361	20.75	8.71	29.46	43.50	-14.04	peak
5		332.5187	16.55	14.31	30.86	46.00	-15.14	peak
6		640.6109	16.53	20.03	36.56	46.00	-9.44	peak



EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5300MHz	Antenna	Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		96.4361	23.00	9.77	32.77	43.50	-10.73	peak
2		147.4036	20.36	12.10	32.46	43.50	-11.04	peak
3		219.0752	24.18	7.32	31.50	46.00	-14.50	peak
4	İ	307.8312	23.56	16.62	40.18	46.00	-5.82	peak
5	*	332.5187	25.46	17.17	42.63	46.00	-3.37	QP
6	İ	390.7225	23.60	18.47	42.07	46.00	-3.93	peak



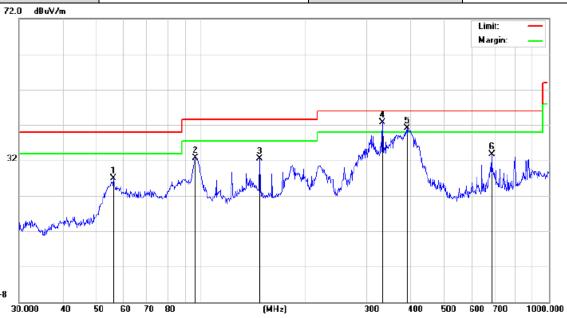
EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003	
Temperature	25°C	Relative Humidity	60%	
Pressure	960hPa	Test Voltage	Normal Voltage	
Test Mode	802.11a20 5300MHz	Antenna	Vertical	



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		33.5623	21.36	7.28	28.64	40.00	-11.36	peak
2	*	56.0007	25.21	10.47	35.68	40.00	-4.32	peak
3		72.5916	19.24	11.55	30.79	40.00	-9.21	peak
4		96.4361	21.75	8.71	30.46	43.50	-13.04	peak
5		411.8240	17.13	14.34	31.47	46.00	-14.53	peak
6		640.6109	17.53	20.03	37.56	46.00	-8.44	peak



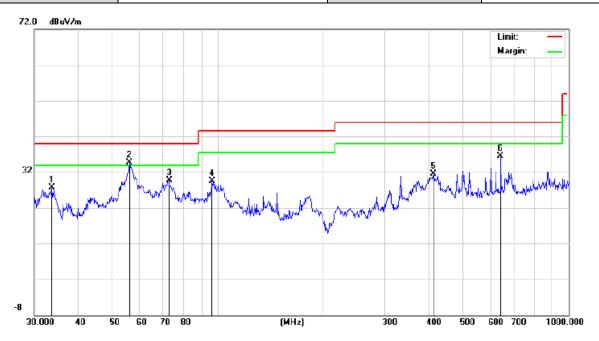
EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5320MHz	Antenna	Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		56.0007	16.45	10.38	26.83	40.00	-13.17	peak
2		96.4361	23.00	9.77	32.77	43.50	-10.73	peak
3		147.4036	20.36	12.10	32.46	43.50	-11.04	peak
4	×	332.5187	25.62	17.17	42.79	46.00	-3.21	QP
5	İ	390.7225	22.60	18.47	41.07	46.00	-4.93	peak
6		684.7454	15.81	17.97	33.78	46.00	-12.22	peak



EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5320MHz	Antenna	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		33.5623	20.36	7.28	27.64	40.00	-12.36	peak
2	*	56.0007	24.21	10.47	34.68	40.00	-5.32	peak
3		72.5916	18.24	11.55	29.79	40.00	-10.21	peak
4		96.4361	20.75	8.71	29.46	43.50	-14.04	peak
5		411.8240	17.13	14.34	31.47	46.00	-14.53	peak
6		640.6109	16.53	20.03	36.56	46.00	-9.44	peak



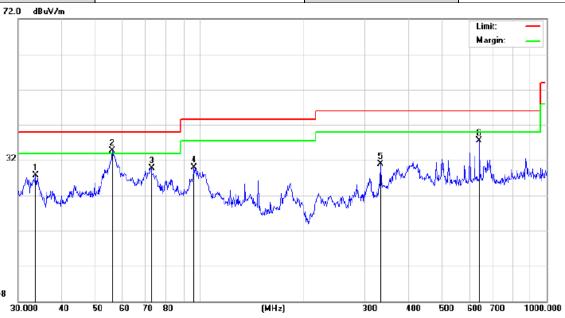
EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5500MHz	Antenna	Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		55.6094	15.64	10.27	25.91	40.00	-14.09	peak
2		96.4361	23.00	9.77	32.77	43.50	-10.73	peak
3		147.4036	20.36	12.10	32.46	43.50	-11.04	peak
4	*	332.5187	25.63	17.17	42.80	46.00	-3.20	QP
5	İ	396.2412	22.83	18.60	41.43	46.00	-4.57	peak
6		684.7454	16.31	17.97	34.28	46.00	-11.72	peak



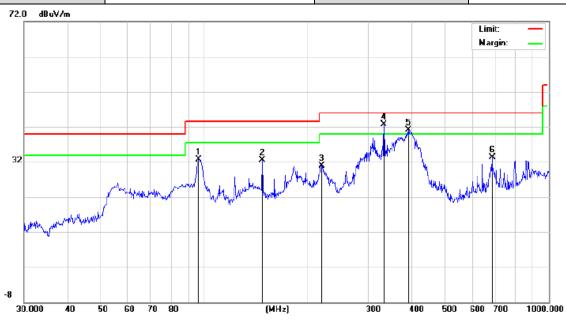
EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003	
Temperature	25°C	Relative Humidity	60%	
Pressure	960hPa	Test Voltage	Normal Voltage	
Test Mode	802.11a20 5500MHz	Antenna	Vertical	



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		33.5623	20.36	7.28	27.64	40.00	-12.36	peak
2	*	56.0007	24.21	10.47	34.68	40.00	-5.32	peak
3		72.5916	18.24	11.55	29.79	40.00	-10.21	peak
4		96.4361	21.25	8.71	29.96	43.50	-13.54	peak
5		332.5187	16.55	14.31	30.86	46.00	-15.14	peak
6		640.6109	17.53	20.03	37.56	46.00	-8.44	peak



EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5600MHz	Antenna	Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		96.4361	23.00	9.77	32.77	43.50	-10.73	peak
2		147.4036	20.36	12.10	32.46	43.50	-11.04	peak
3		219.0752	23.68	7.32	31.00	46.00	-15.00	peak
4	*	332.5187	25.52	17.17	42.69	46.00	-3.31	QP
5	İ	390.7225	22.60	18.47	41.07	46.00	-4.93	peak
6		684.7454	15.31	17.97	33.28	46.00	-12.72	peak



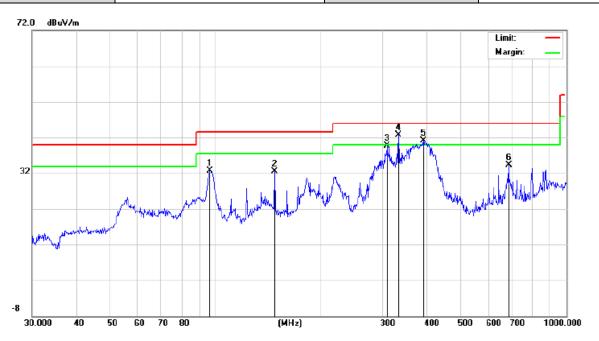
EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5600MHz	Antenna	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	56.0007	24.21	10.47	34.68	40.00	-5.32	peak
2		72.5916	18.24	11.55	29.79	40.00	-10.21	peak
3		96.4361	20.75	8.71	29.46	43.50	-14.04	peak
4		411.8240	17.13	14.34	31.47	46.00	-14.53	peak
5		499.4245	15.31	16.97	32.28	46.00	-13.72	peak
6		640.6109	17.53	20.03	37.56	46.00	-8.44	peak



EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5700MHz	Antenna	Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		96.4361	23.00	9.77	32.77	43.50	-10.73	peak
2		147.4036	20.36	12.10	32.46	43.50	-11.04	peak
3		307.8312	23.06	16.62	39.68	46.00	-6.32	peak
4	*	332.5187	25.46	17.17	42.63	46.00	-3.37	QP
5	İ	390.7225	22.60	18.47	41.07	46.00	-4.93	peak
6		684.7454	16.31	17.97	34.28	46.00	-11.72	peak



EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003	
Temperature	25°C	Relative Humidity	60%	
Pressure	960hPa	Test Voltage	Normal Voltage	
Test Mode	802.11a20 5700MHz	Antenna	Vertical	



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		33.5623	21.36	7.28	28.64	40.00	-11.36	peak
2	*	56.0007	25.21	10.47	35.68	40.00	-4.32	peak
3		72.5916	19.24	11.55	30.79	40.00	-9.21	peak
4		96.4361	21.75	8.71	30.46	43.50	-13.04	peak
5		411.8240	16.63	14.34	30.97	46.00	-15.03	peak
6		640.6109	17.03	20.03	37.06	46.00	-8.94	peak



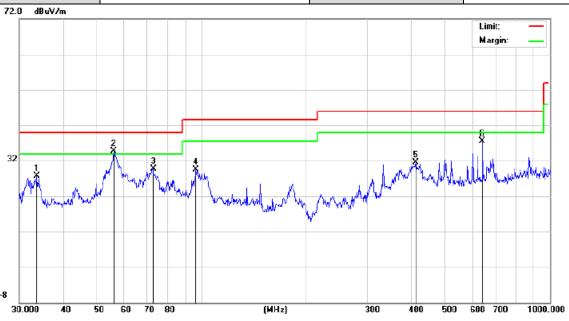
EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5745MHz	Antenna	Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		96.4361	24.00	9.77	33.77	43.50	-9.73	peak
2		147.4036	21.86	12.10	33.96	43.50	-9.54	peak
3		219.0752	24.68	7.32	32.00	46.00	-14.00	peak
4	*	332.5187	25.66	17.17	42.83	46.00	-3.17	QP
5	İ	390.7225	23.60	18.47	42.07	46.00	-3.93	peak
6		684.7454	16.31	17.97	34.28	46.00	-11.72	peak



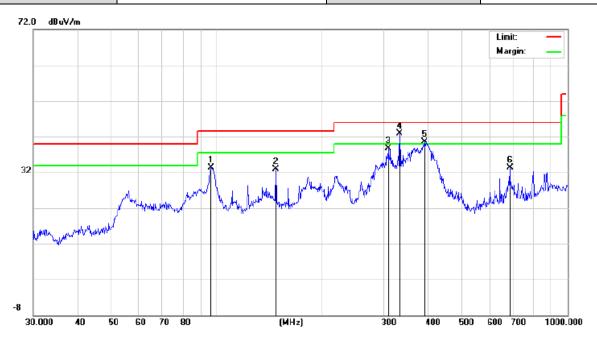
EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5745MHz	Antenna	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		33.5623	20.36	7.28	27.64	40.00	-12.36	peak
2	*	56.0007	24.21	10.47	34.68	40.00	-5.32	peak
3		72.5916	18.24	11.55	29.79	40.00	-10.21	peak
4		96.4361	20.75	8.71	29.46	43.50	-14.04	peak
5		411.8240	17.13	14.34	31.47	46.00	-14.53	peak
6		640.6109	17.53	20.03	37.56	46.00	-8.44	peak



EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5785MHz	Antenna	Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		96.4361	23.50	9.77	33.27	43.50	-10.23	peak
2		147.4036	20.86	12.10	32.96	43.50	-10.54	peak
3		307.8312	22.06	16.62	38.68	46.00	-7.32	peak
4	*	332.5187	25.66	17.17	42.83	46.00	-3.17	QP
5	į	390.7225	22.10	18.47	40.57	46.00	-5.43	peak
6		684.7454	15.31	17.97	33.28	46.00	-12.72	peak



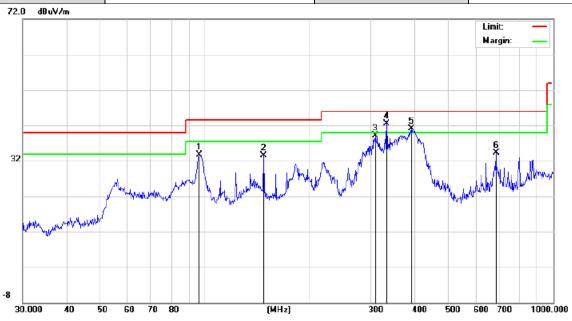
EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5785MHz	Antenna	Vertical



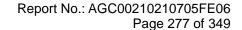
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	56.0007	24.21	10.47	34.68	40.00	-5.32	peak
2		72.5916	18.24	11.55	29.79	40.00	-10.21	peak
3		96.4361	20.75	8.71	29.46	43.50	-14.04	peak
4	•	411.8240	17.13	14.34	31.47	46.00	-14.53	peak
5		499.4245	15.31	16.97	32.28	46.00	-13.72	peak
6		640.6109	16.53	20.03	36.56	46.00	-9.44	peak



EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5825MHz	Antenna	Horizontal

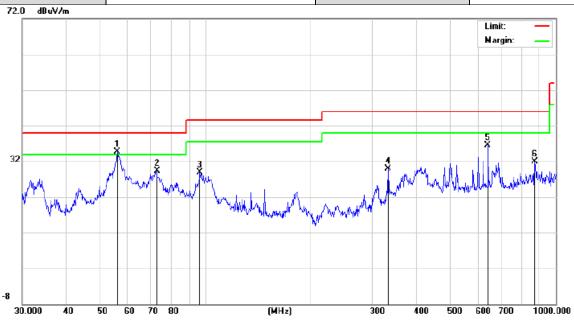


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		96.4361	24.00	9.77	33.77	43.50	-9.73	peak
2		147.4036	21.36	12.10	33.46	43.50	-10.04	peak
3		307.8312	22.56	16.62	39.18	46.00	-6.82	peak
4	*	332.5187	25.36	17.17	42.53	46.00	-3.47	QP
5	İ	390.7225	22.60	18.47	41.07	46.00	-4.93	peak
6		684.7454	16.31	17.97	34.28	46.00	-11.72	peak





EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5825MHz	Antenna	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	56.0007	24.21	10.47	34.68	40.00	-5.32	peak
2		72.5916	17.74	11.55	29.29	40.00	-10.71	peak
3		96.4361	20.25	8.71	28.96	43.50	-14.54	peak
4		332.5187	15.55	14.31	29.86	46.00	-16.14	peak
5		640.6109	16.53	20.03	36.56	46.00	-9.44	peak
6		869.1301	9.37	22.57	31.94	46.00	-14.06	peak

**Note:** All the antennas have been pre-tested, and all modes of each antenna are tested. The 802.11a20 of antenna 1 is the worst case and recorded in the test report.

Factor = Antenna Factor + Cable loss - Amplifier gain, Margin= Limit-Level.

The "Factor" value can be calculated automatically by software of measurement system.



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### Radiated emission above 1GHz

### Power board A

EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5180MHz	Antenna	Horizontal/Vertical

### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
10360.042	46.38	9.14	55.52	68.20	-12.68	peak	
15540.063	40.14	10.22	50.36	74.00	-23.64	peak	
15540.063	31.58	10.22	41.80	54.00	-12.20	AVG	
Remark:	Remark:						
Factor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

### RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
10360.042	47.54	9.14	56.68	68.20	-11.52	peak
15540.063	41.29	10.22	51.51	74.00	-22.49	peak
15540.063	31.87	10.22	42.09	54.00	-11.91	AVG
Remark:	Remark:					
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						



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EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5200MHz	Antenna	Horizontal/Vertical

#### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
10400.042	47.51	9.14	56.65	68.20	-11.55	peak
15600.063	42.16	10.22	52.38	74.00	-21.62	peak
15600.063	33.97	10.22	44.19	54.00	-9.81	AVG
Remark:						
Factor = Anten	na Factor + Cabl	le Loss – Pre-ar	mplifier.			

# RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
10400.042	46.28	9.14	55.42	68.20	-12.78	peak
15600.063	40.37	10.22	50.59	74.00	-23.41	peak
15600.063	31.69	10.22	41.91	54.00	-12.09	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						



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EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5240MHz	Antenna	Horizontal/Vertical

#### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
10480.042	48.64	9.27	57.91	68.20	-10.29	peak	
15720.063	42.15	10.38	52.53	74.00	-21.47	peak	
15720.063	32.76	10.38	43.14	54.00	-10.86	AVG	
Remark:							
Factor = Anten	na Factor + Cabl	le Loss – Pre-ar	mplifier.				

# RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
10480.042	46.23	9.27	55.50	68.20	-12.70	peak	
15720.063	42.37	10.38	52.75	74.00	-21.25	peak	
15720.063	31.59	10.38	41.97	54.00	-12.03	AVG	
Remark:							
Factor = Antenna Factor + Cable Loss – Pre-amplifier.							



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EUT	Smart Touch Screen Terminal	Model Name	CM800
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5260MHz	Antenna	Horizontal/Vertical

### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
10520.044	48.61	9.29	57.90	68.20	-10.30	peak	
15780.066	42.97	10.42	53.39	74.00	-20.61	peak	
15780.066	32.13	10.42	42.55	54.00	-11.45	AVG	
Remark:							
actor = Anter	actor = Antenna Factor + Cable Loss – Pre-amplifier						

# RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
10520.044	47.51	9.29	56.80	68.20	-11.40	peak	
15780.066	41.37	10.42	51.79	74.00	-22.21	peak	
15780.066	32.58	10.42	43.00	54.00	-11.00	AVG	
Remark:							
Factor = Antenna Factor + Cable Loss – Pre-amplifier.							



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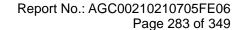
EUT	Smart Touch Screen Terminal	Model Name	CM800
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5300MHz	Antenna	Horizontal/Vertical

### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
10600.044	47.56	9.31	56.87	74.00	-17.13	peak	
10600.044	38.91	9.31	48.22	54.00	-5.78	AVG	
15900.066	42.10	10.44	52.54	74.00	-21.46	peak	
15900.066	32.44	10.44	42.88	54.00	-11.12	AVG	
Remark:							
Factor = Anter	Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

# RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
10600.044	48.64	9.31	57.95	74.00	-16.05	peak	
10600.044	37.51	9.31	46.82	54.00	-7.18	AVG	
15780.066	42.15	10.44	52.59	74.00	-21.41	peak	
15780.066	34.27	10.44	44.71	54.00	-9.29	AVG	
Remark:							
Factor = Antenna Factor + Cable Loss – Pre-amplifier.							





EUT	Smart Touch Screen Terminal	Model Name	CM800
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5320MHz	Antenna	Horizontal/Vertical

#### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type		
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type		
10640.044	46.23	9.35	55.58	74.00	-18.42	peak		
10640.044	37.84	9.35	47.19	54.00	-6.81	AVG		
15960.066	40.12	10.46	50.58	74.00	-23.42	peak		
15960.066	31.58	10.46	42.04	54.00	-11.96	AVG		
Remark:								
Factor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.							

### RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
10640.044	48.64	9.35	57.99	74.00	-16.01	peak	
10640.044	39.52	9.35	48.87	54.00	-5.13	AVG	
15960.066	42.15	10.46	52.61	74.00	-21.39	peak	
15960.066	32.74	10.46	43.20	54.00	-10.80	AVG	
Remark:							
Factor = Antenna Factor + Cable Loss – Pre-amplifier.							



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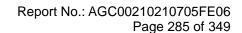
EUT	Smart Touch Screen Terminal	Model Name	CM800
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5500MHz	Antenna	Horizontal/Vertical

### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	
11000.044	48.64	9.37	58.01	74.00	-15.99	peak
11000.044	39.52	9.37	48.89	54.00	-5.11	AVG
16500.066	43.29	10.48	53.77	68.20	-14.43	peak
Remark:						
actor = Anter	na Factor + Cabl	e Loss – Pre-a	mplifier.			

# RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type			
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type			
11000.044	48.64	9.37	58.01	74.00	-15.99	peak			
11000.044	40.24	9.37	49.61	54.00	-4.39	AVG			
16500.066	42.16	10.48	52.64	68.20	-15.56	peak			
Remark:	Remark:								
Factor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.								





EUT	Smart Touch Screen Terminal	Model Name	CM800
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5600MHz	Antenna	Horizontal/Vertical

### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
11200.044	49.64	9.38	59.02	74.00	-14.98	peak
11200.044	40.23	9.38	49.61	54.00	-4.39	AVG
16800.066	42.16	10.49	52.65	68.20	-15.55	peak
Remark:						
actor = Anter	nna Factor + Cabl	le Loss – Pre-a	mplifier.			

# RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
11200.044	48.64	9.38	58.02	74.00	-15.98	peak
11200.044	40.25	9.38	49.63	54.00	-4.37	AVG
16800.066	42.91	10.49	53.40	68.20	-14.80	peak
Remark:						
Factor = Anter	na Factor + Cabl	e Loss – Pre-	amplifier.			



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EUT	Smart Touch Screen Terminal	Model Name	CM800
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5700MHz	Antenna	Horizontal/Vertical

# RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	
11400.044	48.64	9.39	58.03	74.00	-15.97	peak
11400.044	37.54	9.39	46.93	54.00	-7.07	AVG
17100.066	38.42	10.49	48.91	68.20	-19.29	peak
Remark:	<u> </u>					
Factor = Anter	na Factor + Cabl	e Loss – Pre-a	mplifier.			

# RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type		
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type		
11400.044	49.61	9.39	59.00	74.00	-15.00	peak		
11400.044	40.04	9.39	49.43	54.00	-4.57	AVG		
17100.066	43.55	10.49	54.04	68.20	-14.16	peak		
Remark:	Remark:							
Factor = Anter	na Factor + Cabl	e Loss – Pre-	amplifier.					



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EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5745MHz	Antenna	Horizontal/Vertical

#### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type			
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type			
11490.042	46.38	9.42	55.80	74.00	-18.20	peak			
11490.042	37.54	9.42	46.96	54.00	-7.04	AVG			
17235.063	40.12	10.51	50.63	68.20	-17.57	peak			
Remark:									
Factor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.								

## RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
11490.042	45.16	9.42	54.58	74.00	-19.42	peak				
11490.042	36.57	9.42	45.99	54.00	-8.01	AVG				
17235.063	40.12	10.51	50.63	68.20	-17.57	peak				
Remark:	Remark:									
Factor = Anten	na Factor + Cabl	e Loss – Pre-	amplifier.							



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EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5785MHz	Antenna	Horizontal/Vertical

#### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
11570.042	46.37	9.42	55.79	74.00	-18.21	peak				
11570.042	35.12	9.42	44.54	54.00	-9.46	AVG				
17355.063	41.87	10.51	52.38	68.20	-15.82	peak				
Remark:	Remark:									
Factor = Anter	actor = Antenna Factor + Cable Loss – Pre-amplifier.									

## RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
11570.042	47.61	9.42	57.03	74.00	-16.97	peak				
11570.042	35.24	9.42	44.66	54.00	-9.34	AVG				
17355.063	43.65	10.51	54.16	68.20	-14.04	peak				
Remark:	Remark:									
Factor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.									



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EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5825MHz	Antenna	Horizontal/Vertical

#### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
11650.042	47.54	9.62	52.98	74.00	-21.02	peak				
11650.042	38.69	9.62	45.05	54.00	-8.95	AVG				
17475.063	43.12	10.75	47.61	68.20	-26.39	peak				
Remark:	Remark:									
Factor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.									

# RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
11650.042	45.61	9.62	53.55	74.00	-20.45	peak				
11650.042	36.57	9.62	47.64	54.00	-6.36	AVG				
17475.063	41.13	10.75	48.61	68.20	-25.39	peak				
Remark:	Remark:									
Factor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.									

**RESULT: PASS** 



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#### Power board B

EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5180MHz	Antenna	Horizontal/Vertical

## RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
10360.042	46.35	9.14	55.49	68.20	-12.71	peak				
15540.063	40.56	10.22	50.78	74.00	-23.22	peak				
15540.063	31.29	10.22	41.51	54.00	-12.49	AVG				
Remark:	Remark:									
Factor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.									

## RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
10360.042	47.51	9.14	56.65	68.20	-11.55	peak				
15540.063	41.68	10.22	51.90	74.00	-22.10	peak				
15540.063	32.67	10.22	42.89	54.00	-11.11	AVG				
Remark:	Remark:									
Factor = Antenna Factor + Cable Loss – Pre-amplifier.										



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EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5200MHz	Antenna	Horizontal/Vertical

### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
10400.042	47.63	9.14	56.77	68.20	-11.43	peak				
15600.063	42.54	10.22	52.76	74.00	-21.24	peak				
15600.063	32.59	10.22	42.81	54.00	-11.19	AVG				
Remark:	Remark:									
Factor = Anten	na Factor + Cab	le Loss – Pre-ar	mplifier.							

## RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
10400.042	46.38	9.14	55.52	68.20	-12.68	peak
15600.063	41.28	10.22	51.50	74.00	-22.50	peak
15600.063	32.57	10.22	42.79	54.00	-11.21	AVG
Remark:	-		<del>-</del>			-
Factor = Anter	na Factor + Cabl	e Loss – Pre-	amplifier.			



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EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5240MHz	Antenna	Horizontal/Vertical

#### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
10480.042	48.63	9.27	57.90	68.20	-10.30	peak				
15720.063	42.37	10.38	52.75	74.00	-21.25	peak				
15720.063	31.96	10.38	42.34	54.00	-11.66	AVG				
Remark:	Remark:									
Factor = Anten	na Factor + Cabl	le Loss – Pre-ar	mplifier.							

## RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
10480.042	46.38	9.27	55.65	68.20	-12.55	peak
15720.063	42.18	10.38	52.56	74.00	-21.44	peak
15720.063	31.58	10.38	41.96	54.00	-12.04	AVG
Remark:	-		-			-
Factor = Anter	na Factor + Cabl	e Loss – Pre-	amplifier.			



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EUT	Smart Touch Screen Terminal	Model Name	CM800
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5260MHz	Antenna	Horizontal/Vertical

### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
10520.044	48.61	9.29	57.90	68.20	-10.30	peak
15780.066	42.57	10.42	52.99	74.00	-21.01	peak
15780.066	32.49	10.42	42.91	54.00	-11.09	AVG
Remark:						
actor = Anten	na Factor + Cabl	e Loss – Pre-a	mplifier.			

## RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
10520.044	47.61	9.29	56.90	68.20	-11.30	peak				
15780.066	42.16	10.42	52.58	74.00	-21.42	peak				
15780.066	32.57	10.42	42.99	54.00	-11.01	AVG				
Remark:	Remark:									
Factor = Anten	actor = Antenna Factor + Cable Loss – Pre-amplifier.									



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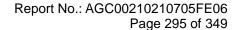
EUT	Smart Touch Screen Terminal	Model Name	CM800
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5300MHz	Antenna	Horizontal/Vertical

### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
10600.044	46.38	9.31	55.69	74.00	-18.31	peak
10600.044	38.42	9.31	47.73	54.00	-6.27	AVG
15900.066	41.09	10.44	51.53	74.00	-22.47	peak
15900.066	32.57	10.44	43.01	54.00	-10.99	AVG
Remark:					•	•
Factor = Anter	na Factor + Cabl	e Loss – Pre-ai	mplifier.			

## RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
10600.044	48.61	9.31	57.92	74.00	-16.08	peak				
10600.044	37.52	9.31	46.83	54.00	-7.17	AVG				
15780.066	41.43	10.44	51.87	74.00	-22.13	peak				
15780.066	34.58	10.44	45.02	54.00	-8.98	AVG				
Remark:	lemark:									
Factor = Anten	na Factor + Cabl	e Loss – Pre-a	mplifier.							





EUT	Smart Touch Screen Terminal	Model Name	CM800
Temperature	25°C	Relative Humidity 60%	
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5320MHz	Antenna	Horizontal/Vertical

### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
10640.044	46.28	9.35	55.63	74.00	-18.37	peak				
10640.044	37.52	9.35	46.87	54.00	-7.13	AVG				
15960.066	41.16	10.46	51.62	74.00	-22.38	peak				
15960.066	32.57	10.46	43.03	54.00	-10.97	AVG				
Remark:	Remark:									
Factor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.									

### RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
10640.044	47.96	9.35	57.31	74.00	-16.69	peak				
10640.044	38.63	9.35	47.98	54.00	-6.02	AVG				
15960.066	41.26	10.46	51.72	74.00	-22.28	peak				
15960.066	32.57	10.46	43.03	54.00	-10.97	AVG				
Remark:	Remark:									
Factor = Anten	na Factor + Cabl	e Loss – Pre-	amplifier.							



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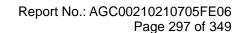
EUT	Smart Touch Screen Terminal	Model Name	CM800
Temperature	25°C	Relative Humidity 60%	
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5500MHz	Antenna	Horizontal/Vertical

### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
11000.044	48.64	9.37	58.01	74.00	-15.99	peak
11000.044	39.62	9.37	48.99	54.00	-5.01	AVG
16500.066	42.18	10.48	52.66	68.20	-15.54	peak
Remark:						
actor = Anten	na Factor + Cabl	e Loss – Pre-a	mplifier.			

## RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
11000.044	48.61	9.37	57.98	74.00	-16.02	peak				
11000.044	39.64	9.37	49.01	54.00	-4.99	AVG				
16500.066	42.53	10.48	53.01	68.20	-15.19	peak				
Remark:	Remark:									
Factor = Anter	actor = Antenna Factor + Cable Loss – Pre-amplifier.									





EUT	Smart Touch Screen Terminal	Model Name	CM800
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5600MHz	Antenna	Horizontal/Vertical

### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
11200.044	49.63	9.38	59.01	74.00	-14.99	peak
11200.044	40.25	9.38	49.63	54.00	-4.37	AVG
16800.066	43.68	10.49	54.17	68.20	-14.03	peak
Remark:						•
actor = Anter	nna Factor + Cab	le Loss – Pre-a	amplifier.			

## RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
11200.044	48.63	9.38	58.01	74.00	-15.99	peak				
11200.044	40.25	9.38	49.63	54.00	-4.37	AVG				
16800.066	41.97	10.49	52.46	68.20	-15.74	peak				
Remark:	Remark:									
Factor = Anter	na Factor + Cabl	e Loss – Pre-	amplifier.							



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EUT	Smart Touch Screen Terminal	Model Name	CM800
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5700MHz	Antenna	Horizontal/Vertical

### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
11400.044	49.63	9.39	59.02	74.00	-14.98	peak
11400.044	37.84	9.39	47.23	54.00	-6.77	AVG
17100.066	38.64	10.49	49.13	68.20	-19.07	peak
Remark:					-	-
Factor = Anter	na Factor + Cabl	e Loss – Pre-a	mplifier.			

## RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type				
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type				
11400.044	48.63	9.39	58.02	74.00	-15.98	peak				
11400.044	40.25	9.39	49.64	54.00	-4.36	AVG				
17100.066	42.44	10.49	52.93	68.20	-15.27	peak				
Remark:	Remark:									
Factor = Anter	actor = Antenna Factor + Cable Loss – Pre-amplifier.									



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EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5745MHz	Antenna	Horizontal/Vertical

#### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
11490.042	46.38	9.42	55.80	74.00	-18.20	peak	
11490.042	37.54	9.42	46.96	54.00	-7.04	AVG	
17235.063 40.13 10.51 50.64 68.20 -17.56 peak						peak	
Remark:							
Factor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

## RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
11490.042	46.39	9.42	55.81	74.00	-18.19	peak
11490.042	37.84	9.42	47.26	54.00	-6.74	AVG
17235.063	40.13	10.51	50.64	68.20	-17.56	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						



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EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5785MHz	Antenna	Horizontal/Vertical

#### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
11570.042	46.87	9.42	56.29	74.00	-17.71	peak	
11570.042	37.61	9.42	47.03	54.00	-6.97	AVG	
17355.063 41.06 10.51 51.57 68.20 -16.63 peak						peak	
Remark:							
Factor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

## RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type
11570.042	47.64	9.42	57.06	74.00	-16.94	peak
11570.042	38.61	9.42	48.03	54.00	-5.97	AVG
17355.063	42.19	10.51	52.70	68.20	-15.50	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						



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EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5825MHz	Antenna	Horizontal/Vertical

#### RADIATED EMISSION ABOVE 1GHZ-Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
11650.042	47.62	9.62	52.98	74.00	-21.02	peak	
11650.042	38.64	9.62	45.05	54.00	-8.95	AVG	
17475.063 43.18 10.75 47.61 68.20 -26.39 peak						peak	
Remark:							
Factor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

### RADIATED EMISSION ABOVE 1GHZ-Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	value Type	
11650.042	46.91	9.62	53.55	74.00	-20.45	peak	
11650.042	36.57	9.62	47.64	54.00	-6.36	AVG	
17475.063 41.28 10.75 48.61 68.20 -25.39 peak							
Remark:							
actor = Anten	Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

### **RESULT: PASS**

**Note:** All test channels of each antenna had been tested. The 802.11a20 of antenna 1 is the worst case and recorded in the test report.

Other frequencies radiation emission from 1GHz to 40GHz at least have 20dB margin and not recorded in the test report.

Factor = Antenna Factor + Cable loss - Amplifier gain, Margin= Limit-Level.

The "Factor" value can be calculated automatically by software of measurement system.



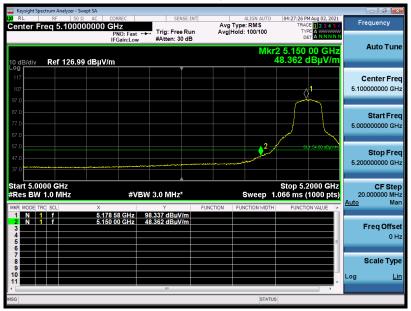
# Test result for band edge emission at restricted bands

EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5180MHz	Antenna	Horizontal

## Test Graph for Peak Measurement



Test Graph for Average Measurement



**RESULT: PASS** 



EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5180MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 5190MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 5190MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ac80 5210MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ac80 5210MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



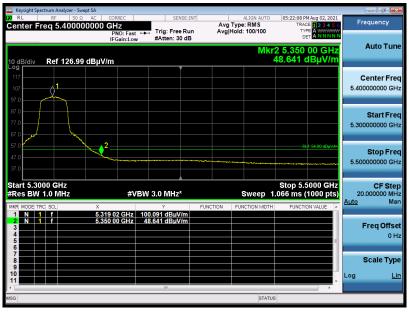


EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5320MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



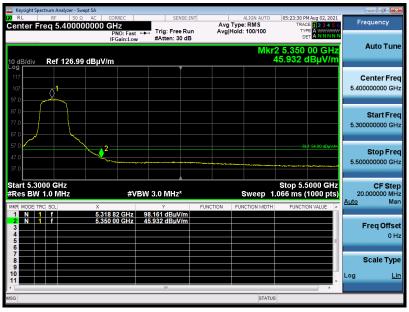


EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5320MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



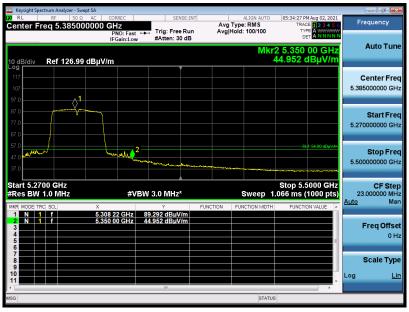


EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 5310MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



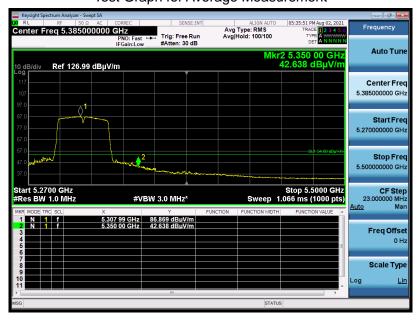


EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 5310MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ac80 5290MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ac80 5290MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5500MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



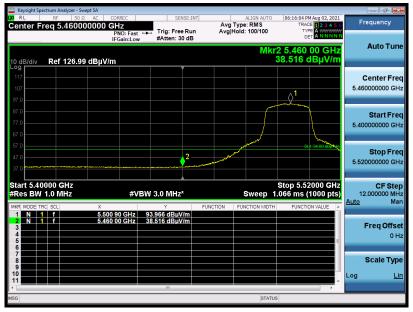


EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5500MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



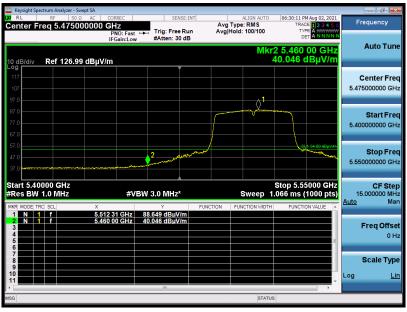


EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 5510MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 5510MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement





EUT	VAVA Chroma 4K UST Triple Laser Projector	Model Name	VA-SP003
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ac80 5530MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement

