

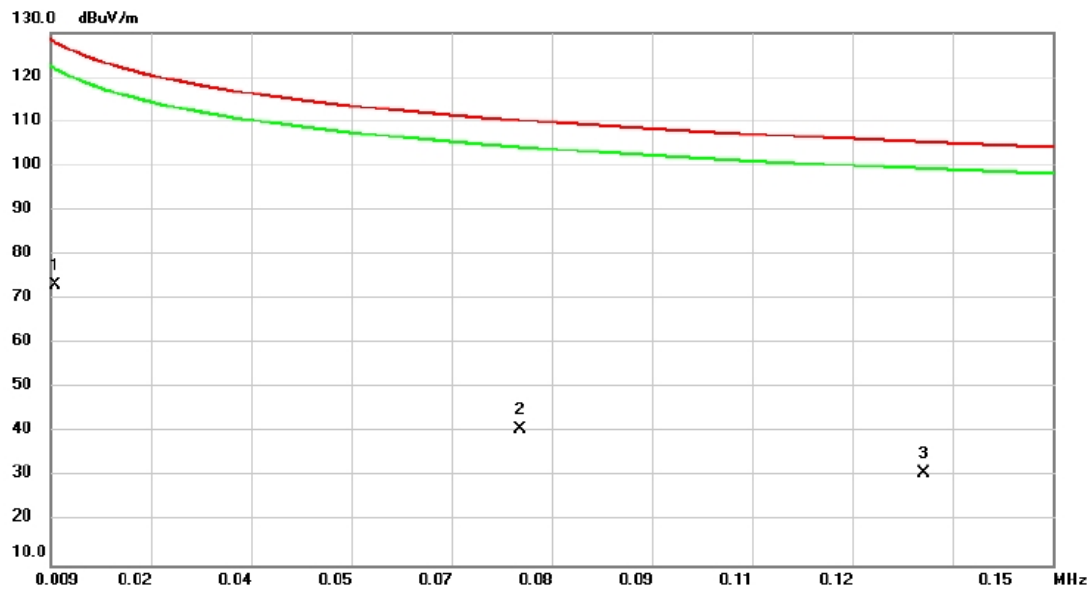
APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode: N/A

Note: "N/A" denotes test is not applicable to this device.

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode	TX Mode Channel 00 _1Mbps	Polarization	Ant 0°
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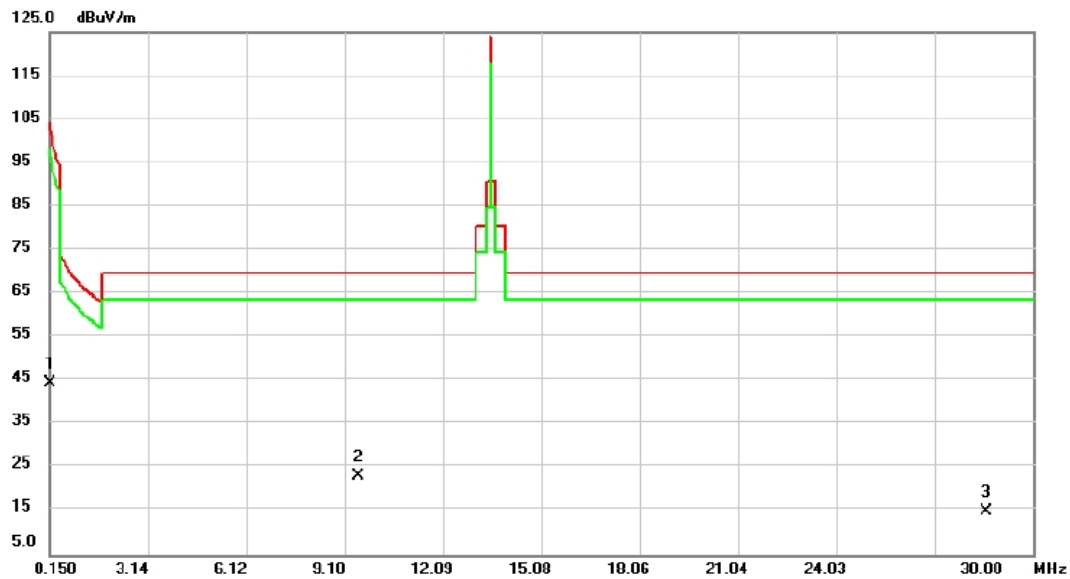
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	0.0096	3.99	69.13	73.12	127.94	-54.82	AVG	
2		0.0751	6.06	34.59	40.65	110.19	-69.54	AVG	
3		0.1318	5.53	25.34	30.87	105.33	-74.46	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode Channel 00 _1Mbps	Polarization	Ant 0°
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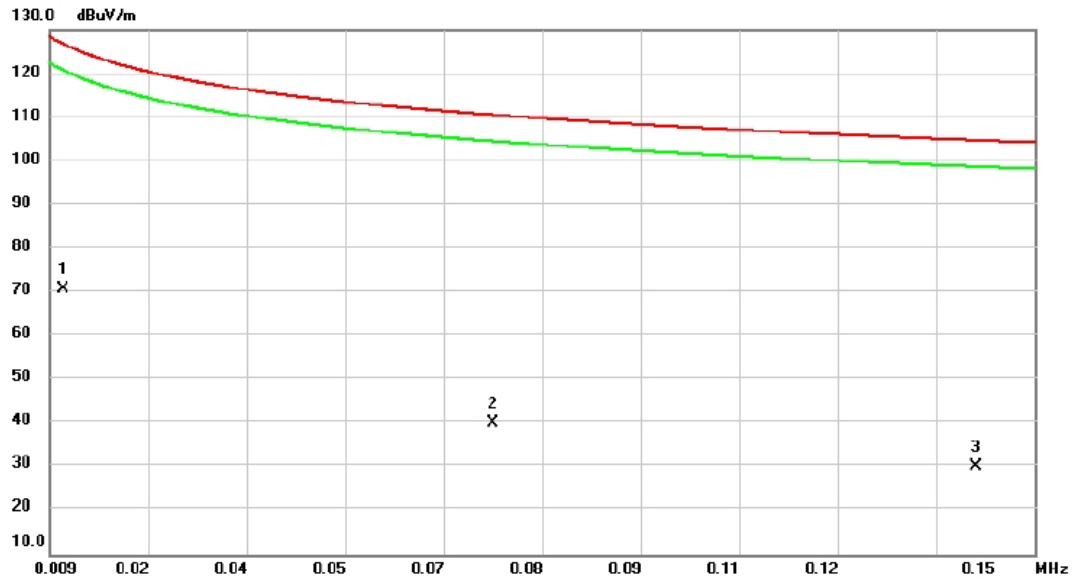


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		0.1798	23.12	21.36	44.48	102.65	-58.17	AVG	
2	*	9.5228	25.36	-2.12	23.24	69.50	-46.26	QP	
3		28.5821	19.30	-4.14	15.16	69.50	-54.34	QP	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode Channel 00 _1Mbps	Polarization	Ant 90°
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV		dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0110	3.36	67.35	70.71	126.77	-56.06	AVG	
2		0.0725	4.78	35.26	40.04	110.49	-70.45	AVG	
3		0.1417	5.57	24.58	30.15	104.71	-74.56	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode Channel 00 _1Mbps	Polarization	Ant 90°
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBuV		dBuV/m	dBuV/m	dB		
1		0.1798	23.12	21.36	44.48	102.65	-58.17	AVG	
2	*	9.5228	25.36	-2.12	23.24	69.50	-46.26	QP	
3		28.5821	19.30	-4.14	15.16	69.50	-54.34	QP	

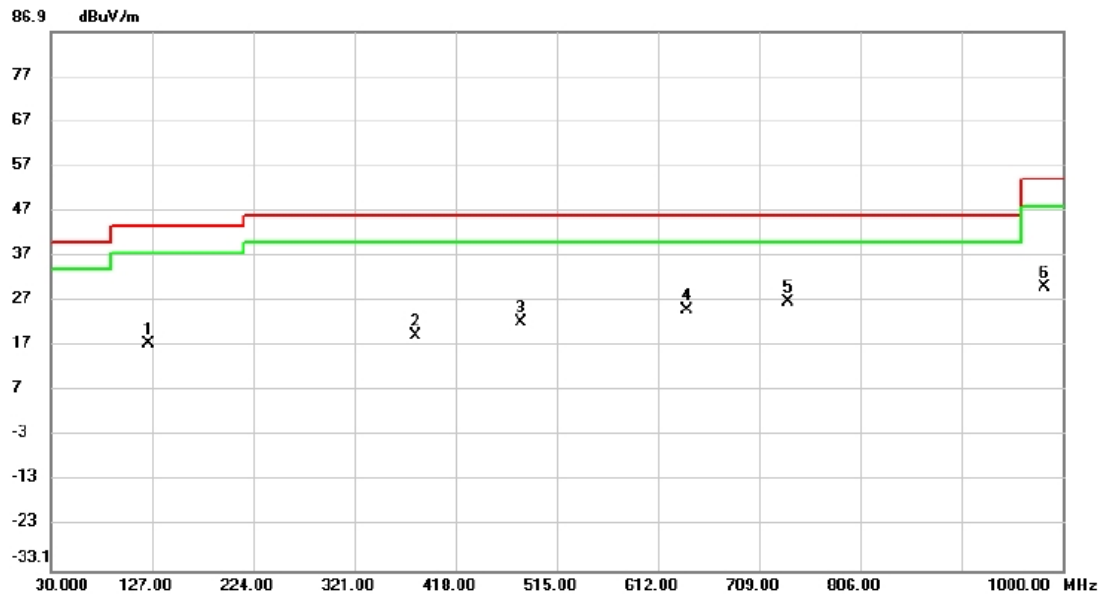
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode	TX Mode Channel 00 _1Mbps	Polarization	Vertical
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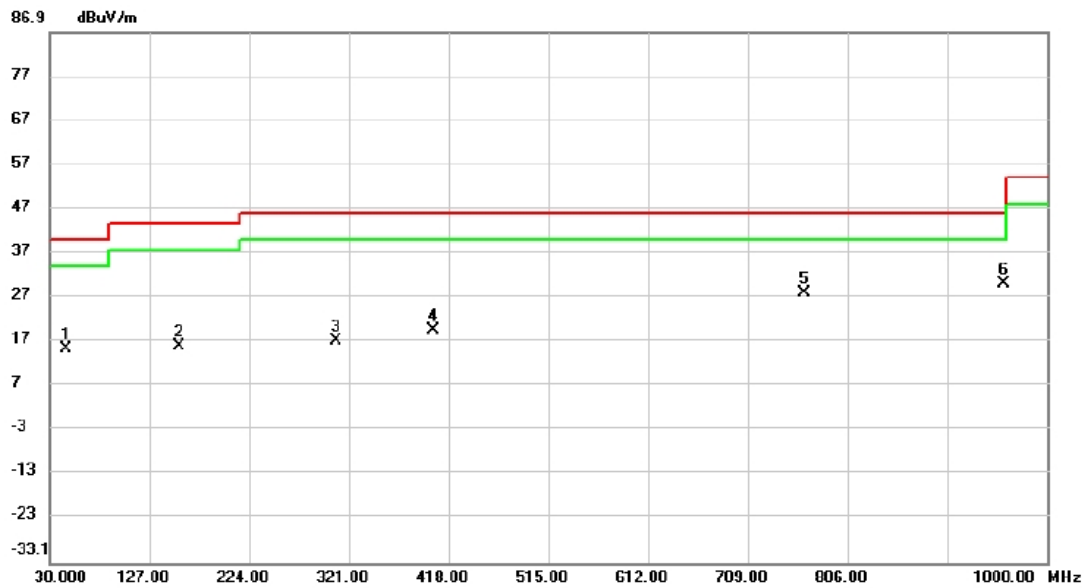
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		124.0900	35.88	-18.29	17.59	43.50	-25.91	peak	
2		380.1700	32.51	-13.14	19.37	46.00	-26.63	peak	
3		480.0800	33.15	-10.92	22.23	46.00	-23.77	peak	
4		640.1300	32.68	-7.66	25.02	46.00	-20.98	peak	
5	*	737.1300	33.06	-6.19	26.87	46.00	-19.13	peak	
6		982.5400	34.40	-4.25	30.15	54.00	-23.85	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX Mode Channel 00 _1Mbps	Polarization	Horizontal
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No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	46.4900	32.15	-16.89	15.26	40.00	-24.74	peak	
2	156.1000	31.87	-16.00	15.87	43.50	-27.63	peak	
3	308.8750	32.10	-14.84	17.26	46.00	-28.74	peak	
4	402.9650	32.15	-12.61	19.54	46.00	-26.46	peak	
5	764.2900	33.54	-5.67	27.87	46.00	-18.13	peak	
6 *	958.2900	34.11	-4.16	29.95	46.00	-16.05	peak	

REMARKS:

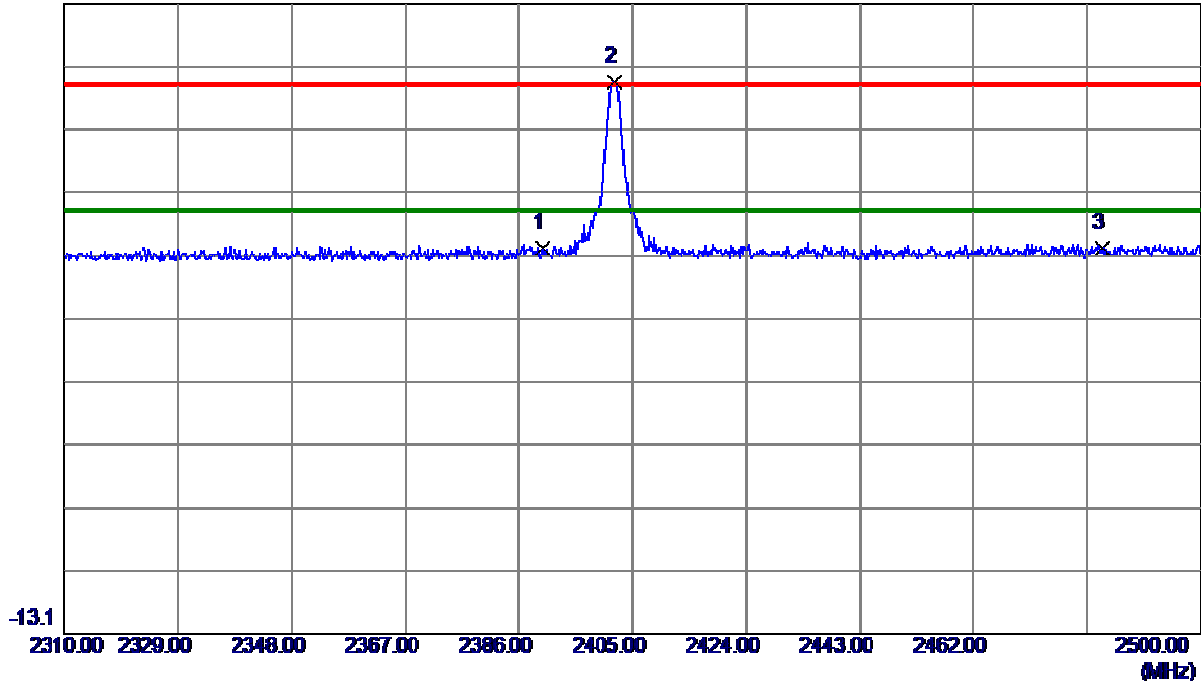
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

Test Mode	TX 2402 MHz _CH00_1Mbps	Polarization	Vertical
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86.9 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	41.94	6.15	48.09	74.00	-25.91	Peak	
2 *	2401.9600	68.25	6.20	74.45	74.00	0.45	Peak	
3	2483.5000	41.62	6.52	48.14	74.00	-25.86	Peak	

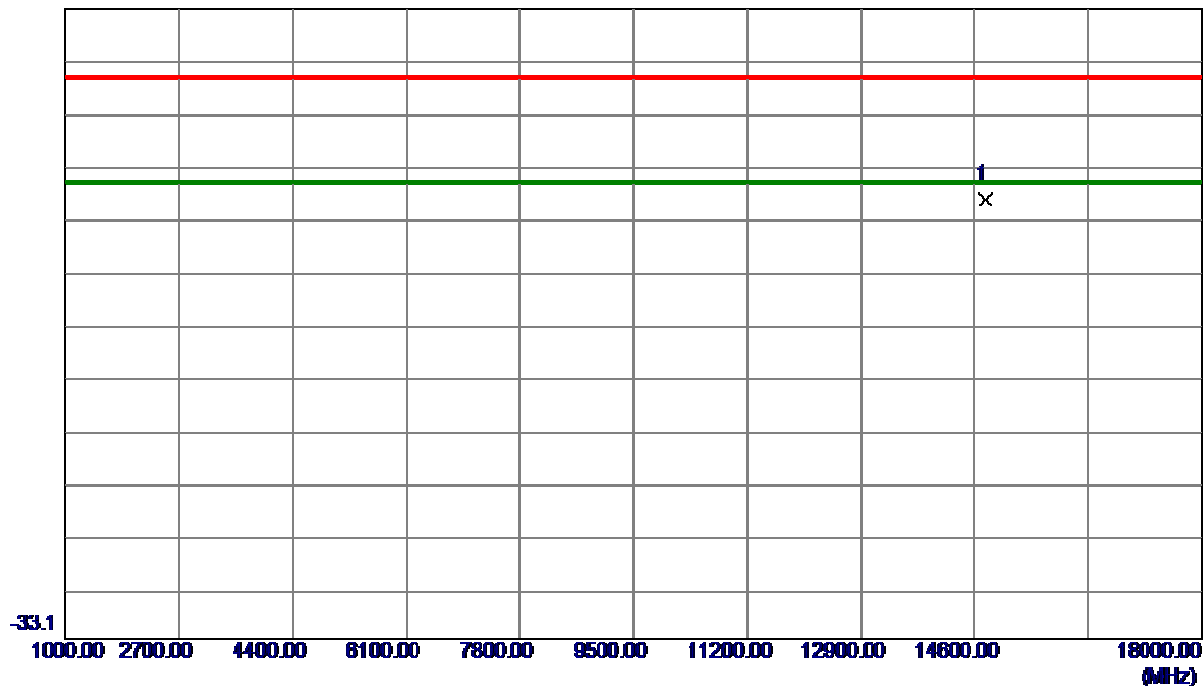
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2402 MHz _CH00_1Mbps	Polarization	Vertical
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86.9 dBuV/m



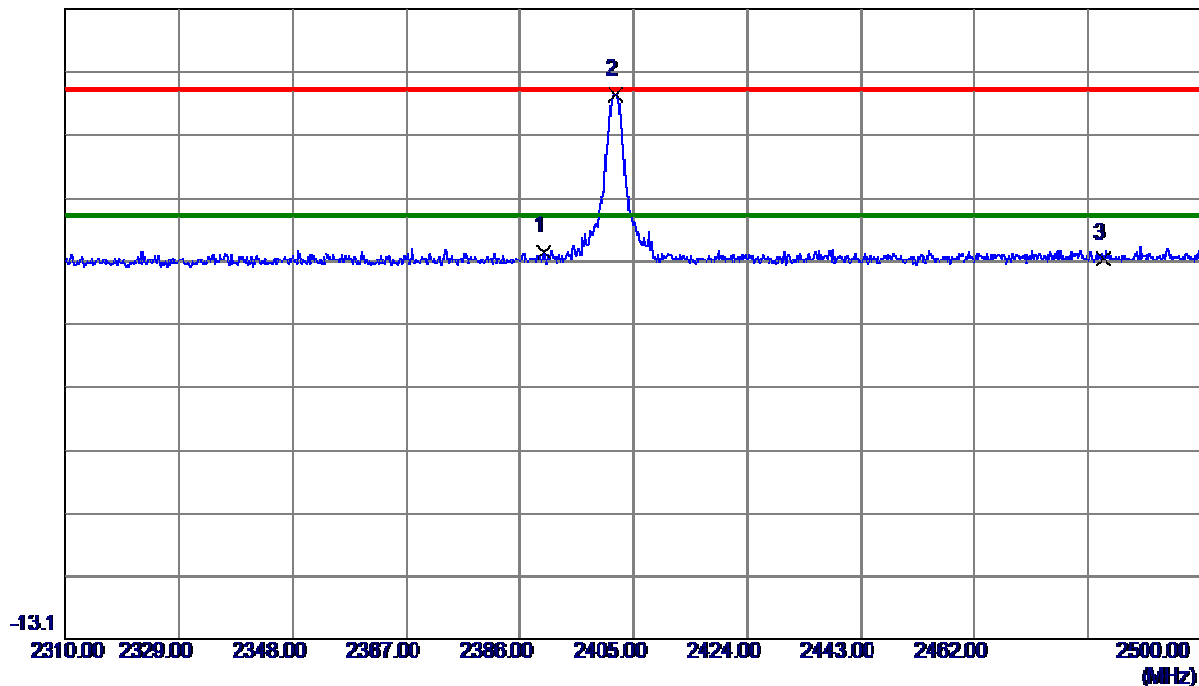
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	14762.3500	40.93	9.77	50.70	74.00	-23.30	Peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2402 MHz _CH00_1Mbps	Polarization	Horizontal
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86.9 dBuV/m



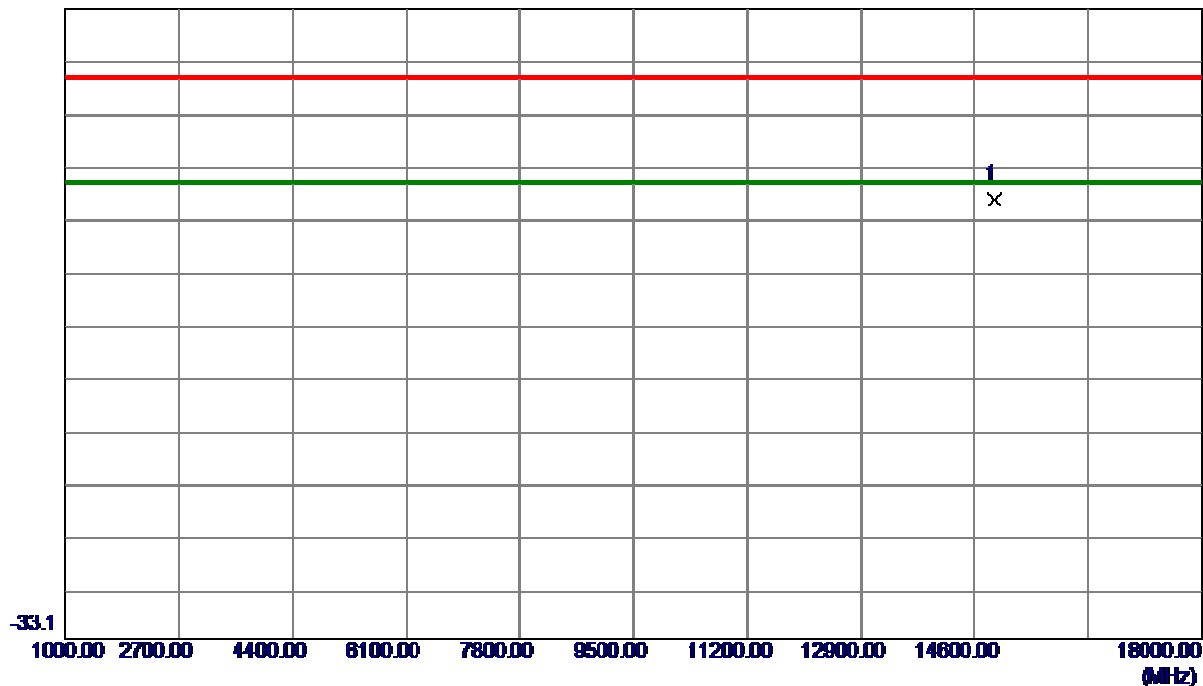
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	42.25	6.15	48.40	74.00	-25.60	Peak	
2 *	2401.9600	67.13	6.20	73.33	74.00	-0.67	Peak	
3	2483.5000	40.86	6.52	47.38	74.00	-26.62	Peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2402 MHz _CH00_1Mbps	Polarization	Horizontal
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86.9 dBuV/m



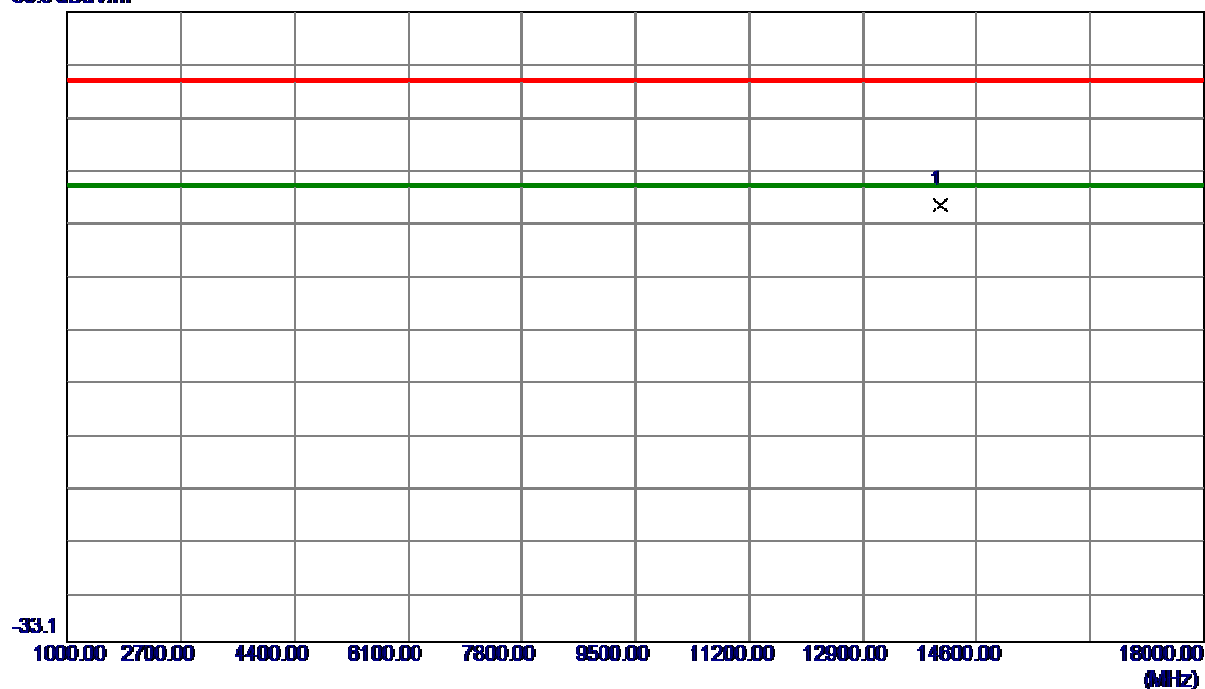
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	14894.9500	41.06	9.50	50.56	74.00	-23.44	Peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2440 MHz _CH19_1Mbps	Polarization	Vertical
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86.9 dBuV/m



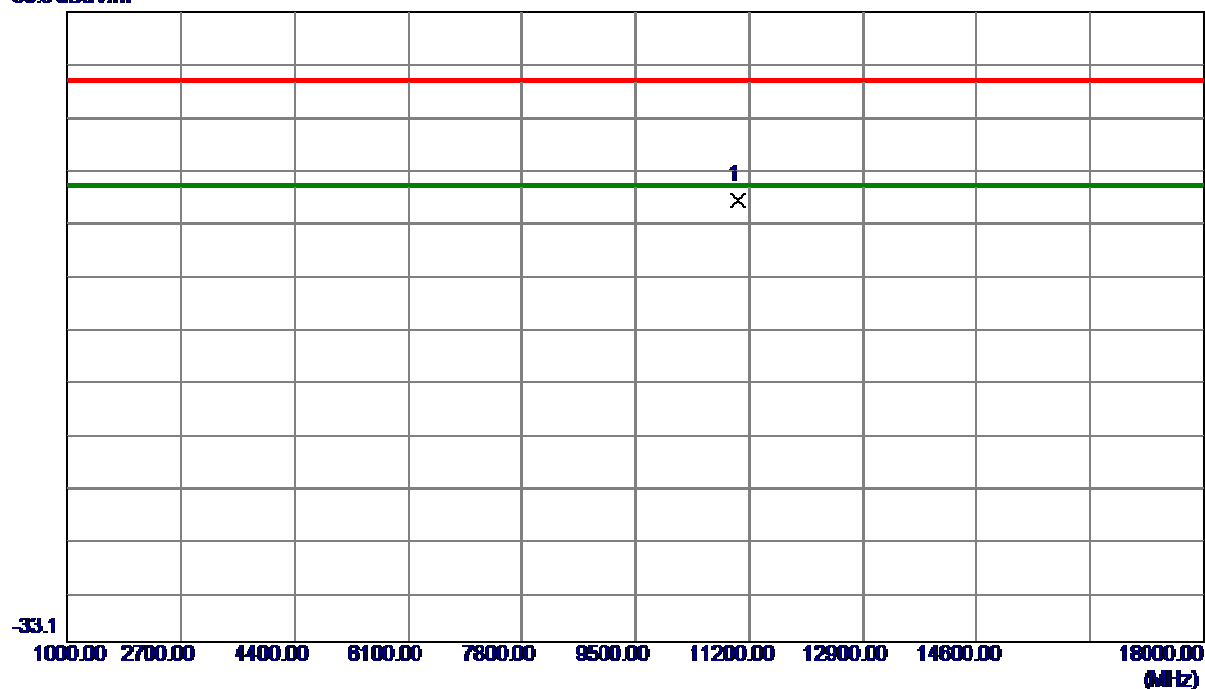
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	14044.1000	40.34	9.80	50.14	74.00	-23.86	Peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2440 MHz _CH19_1Mbps	Polarization	Horizontal
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86.9 dBuV/m



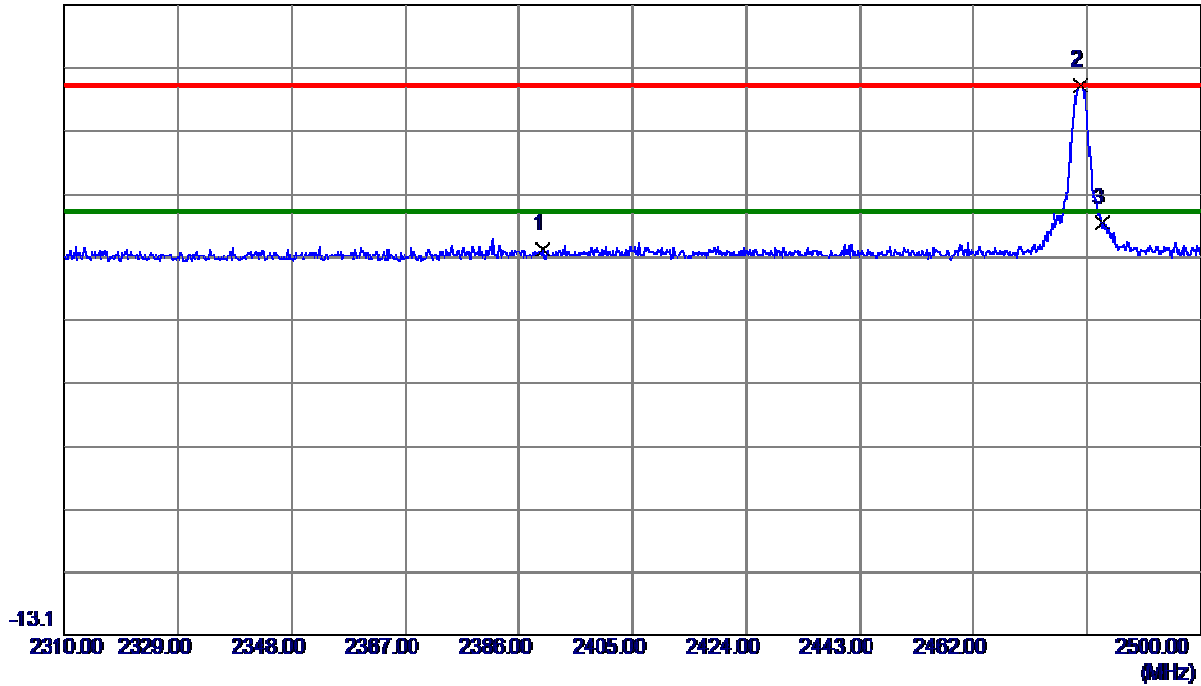
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11029.1500	41.46	9.57	51.03	74.00	-22.97	Peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2480 MHz _CH39_1Mbps	Polarization	Vertical
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86.9 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	42.01	6.15	48.16	74.00	-25.84	Peak	
2 *	2479.9550	67.68	6.51	74.19	74.00	0.19	Peak	
3	2483.5000	45.86	6.52	52.38	74.00	-21.62	Peak	

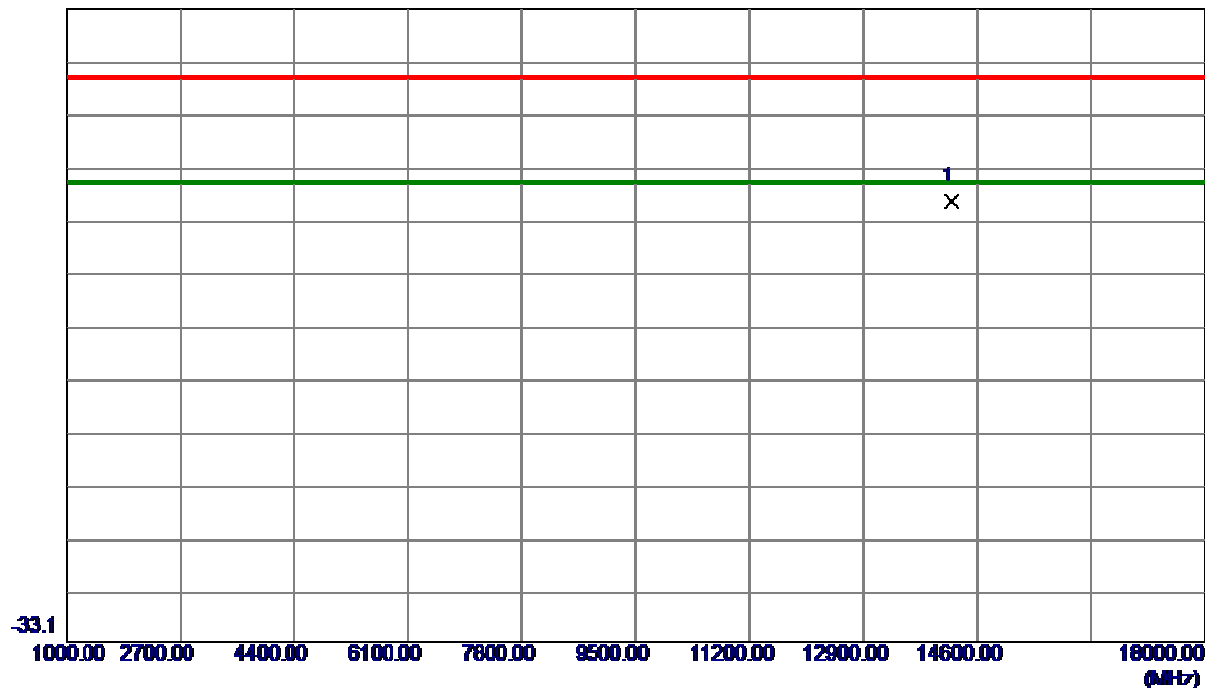
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2480 MHz _CH39_1Mbps	Polarization	Vertical
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86.9 dBuV/m



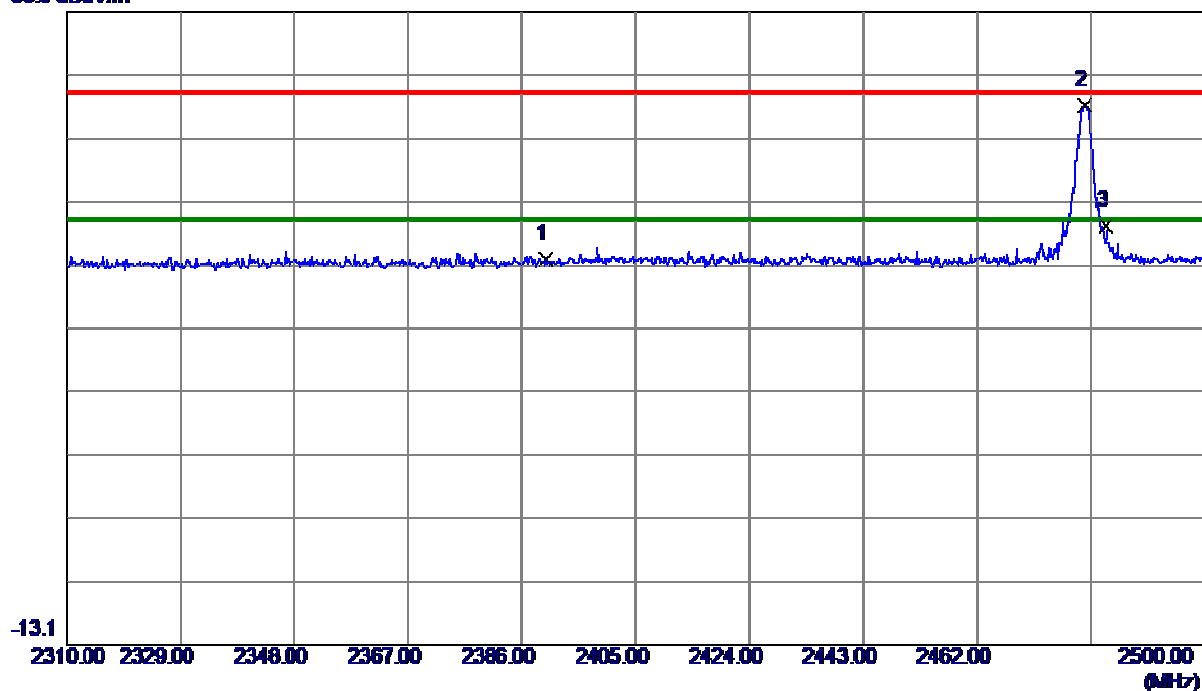
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	14225.1500	40.44	10.00	50.44	74.00	-23.56	Peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2480 MHz _CH39_1Mbps	Polarization	Horizontal
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66.9 dBuV/m



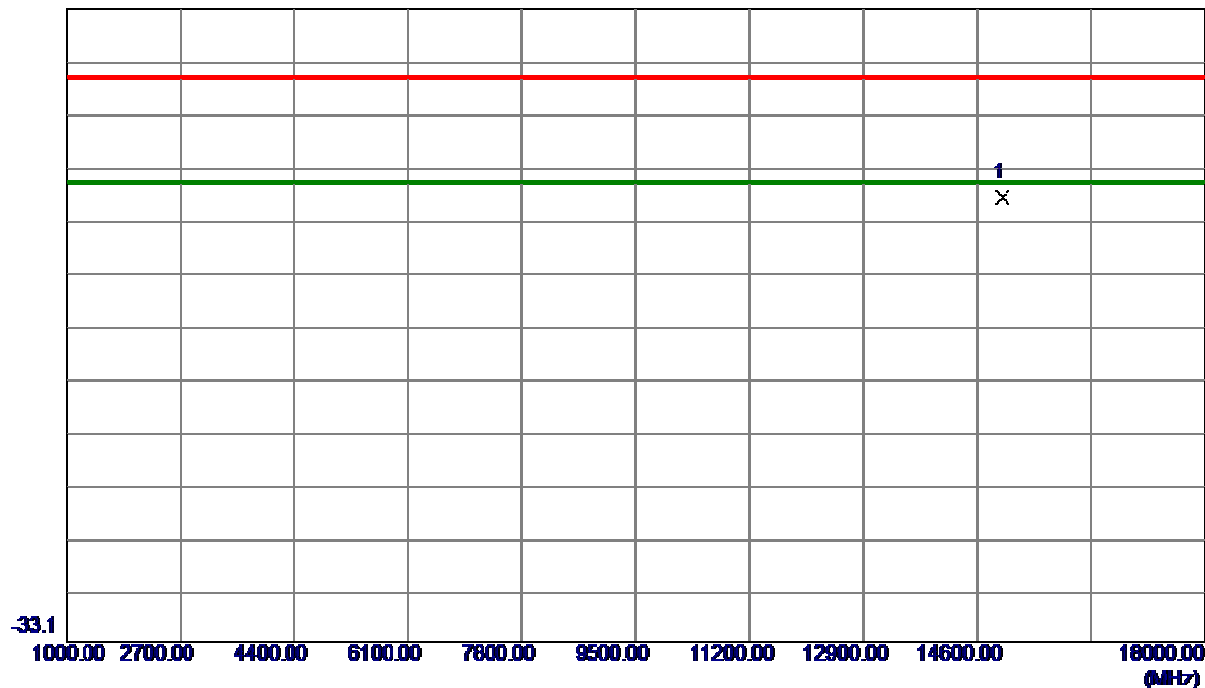
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	41.70	6.15	47.85	74.00	-26.15	Peak	
2 *	2479.8600	65.60	6.51	72.11	74.00	-1.89	Peak	
3	2483.5000	46.54	6.52	53.06	74.00	-20.94	Peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2480 MHz _CH39_1Mbps	Polarization	Horizontal
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86.9 dBuV/m

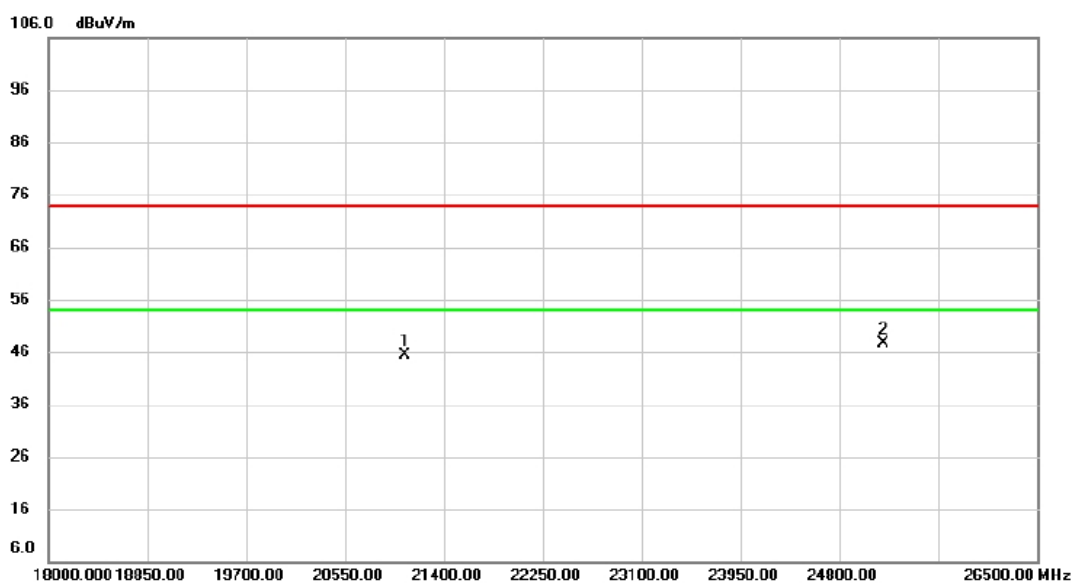


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	14970.6000	41.69	9.35	51.04	74.00	-22.96	Peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2402 MHz _CH00_1Mbps	Polarization	Vertical
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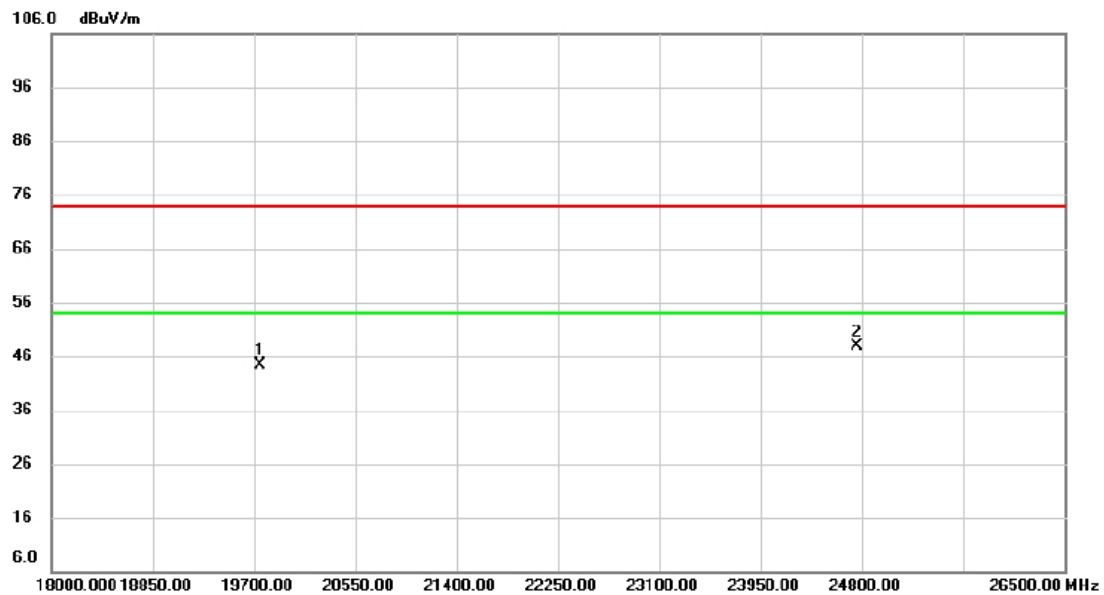
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		21062.550	52.42	-6.96	45.46	74.00	-28.54	peak	
2	*	25182.500	49.59	-1.99	47.60	74.00	-26.40	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX 2402 MHz _CH00_1Mbps	Polarization	Horizontal
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV		dBuV/m	dBuV/m	dB		
1		19747.175	53.27	-8.92	44.35	74.00	-29.65	peak	
2	*	24758.350	50.29	-2.52	47.77	74.00	-26.23	peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

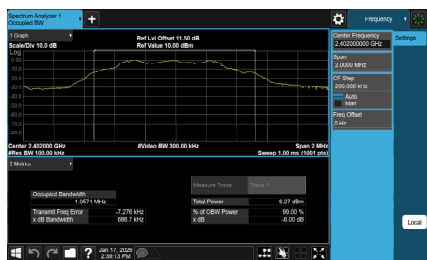
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

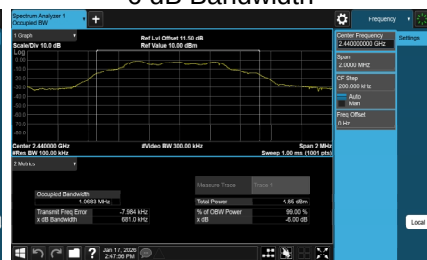
Test Mode	TX Mode _1Mbps
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Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Test Result
00	2402	0.687	1.030	0.5	Pass
19	2440	0.681	1.036	0.5	Pass
39	2480	0.683	1.044	0.5	Pass

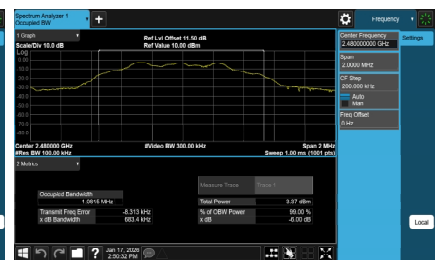
CH00



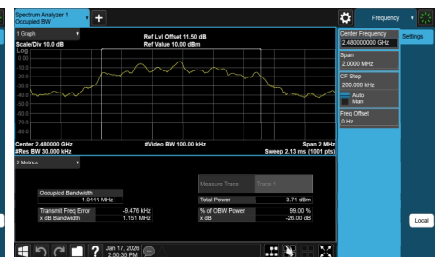
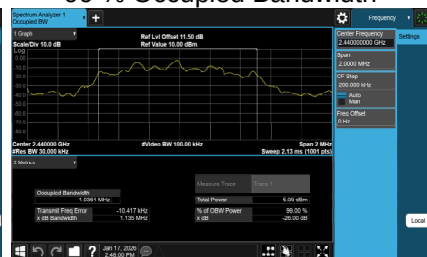
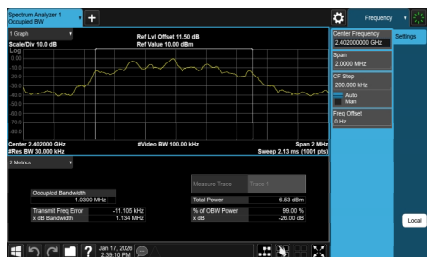
CH19
6 dB Bandwidth



CH39



99 % Occupied Bandwidth

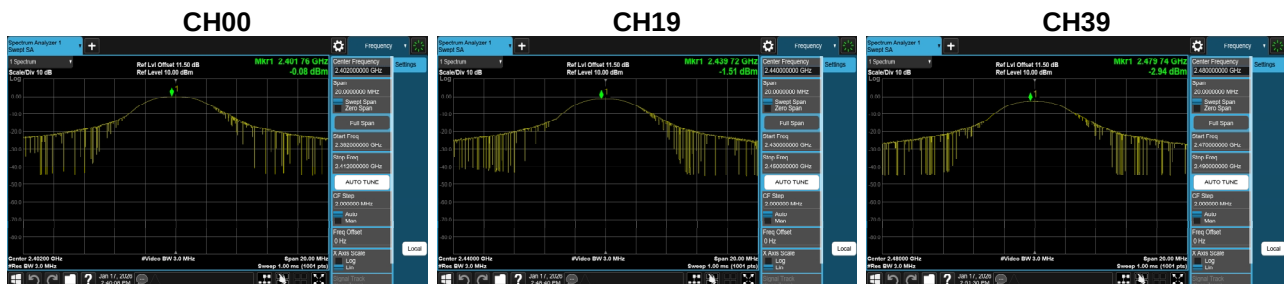


APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	TX Mode _1Mbps
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Frequency (MHz)	Output Power (dBm)	Output Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2402	-0.08	0.0010	30.00	1.0000	Pass
2440	-1.51	0.0007	30.00	1.0000	Pass
2480	-2.94	0.0005	30.00	1.0000	Pass

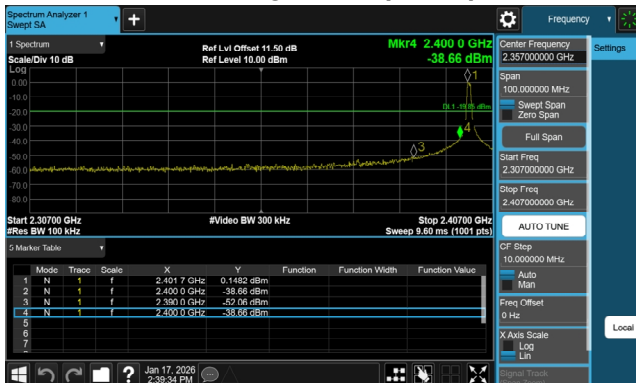
Note: Output power = Measure result + Cable loss



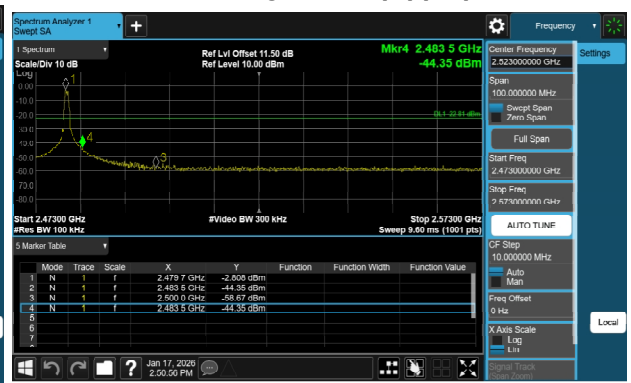
APPENDIX G - CONDUCTED SPURIOUS EMISSION

Test Mode TX Mode _1Mbps

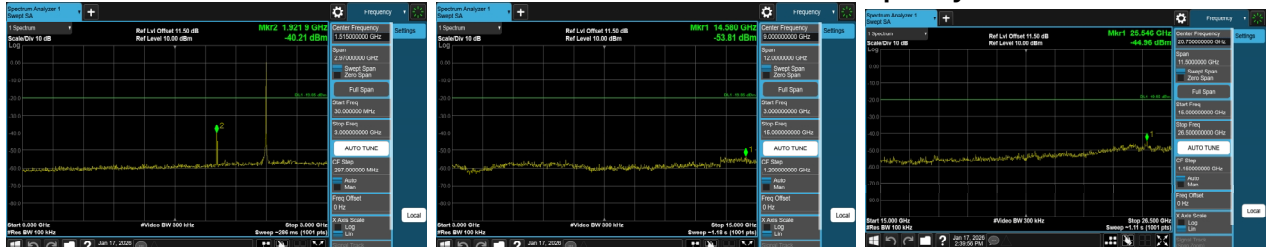
Bandedge CH00 (Lower)



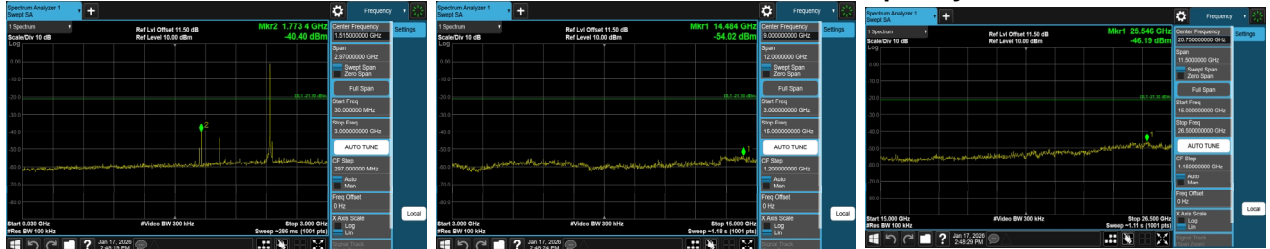
Bandedge CH39 (Upper)



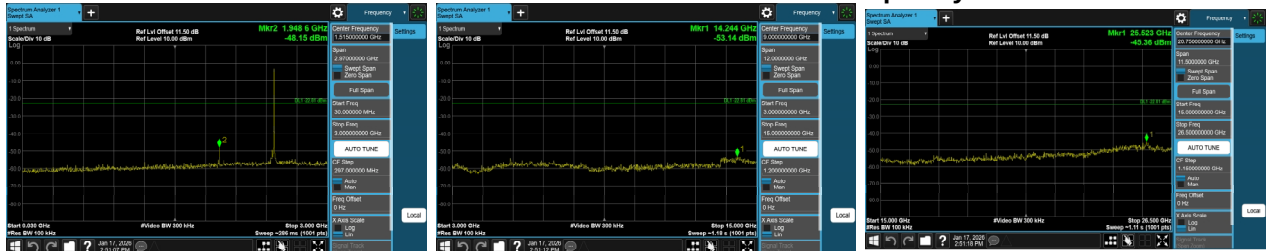
CH00 – 10th Harmonic of the fundamental frequency



CH19 – 10th Harmonic of the fundamental frequency



CH39 – 10th Harmonic of the fundamental frequency

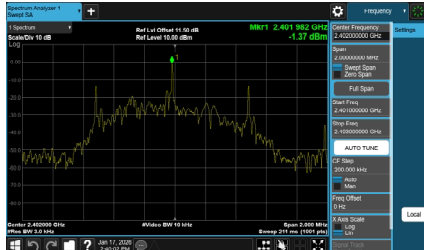


APPENDIX H - POWER SPECTRAL DENSITY

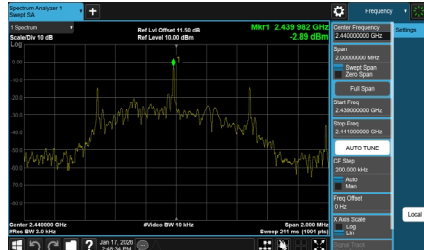
Test Mode	TX Mode _1Mbps
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3 kHz)	Max. Limit (dBm/3 kHz)	Test Result
00	2402	-1.37	8.00	Pass
19	2440	-2.89	8.00	Pass
39	2480	-4.37	8.00	Pass

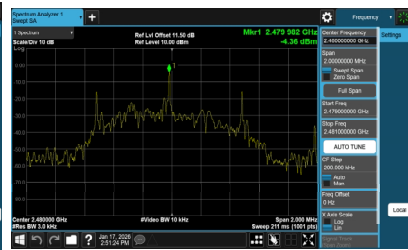
CH00



CH19



CH39



End of Test Report