

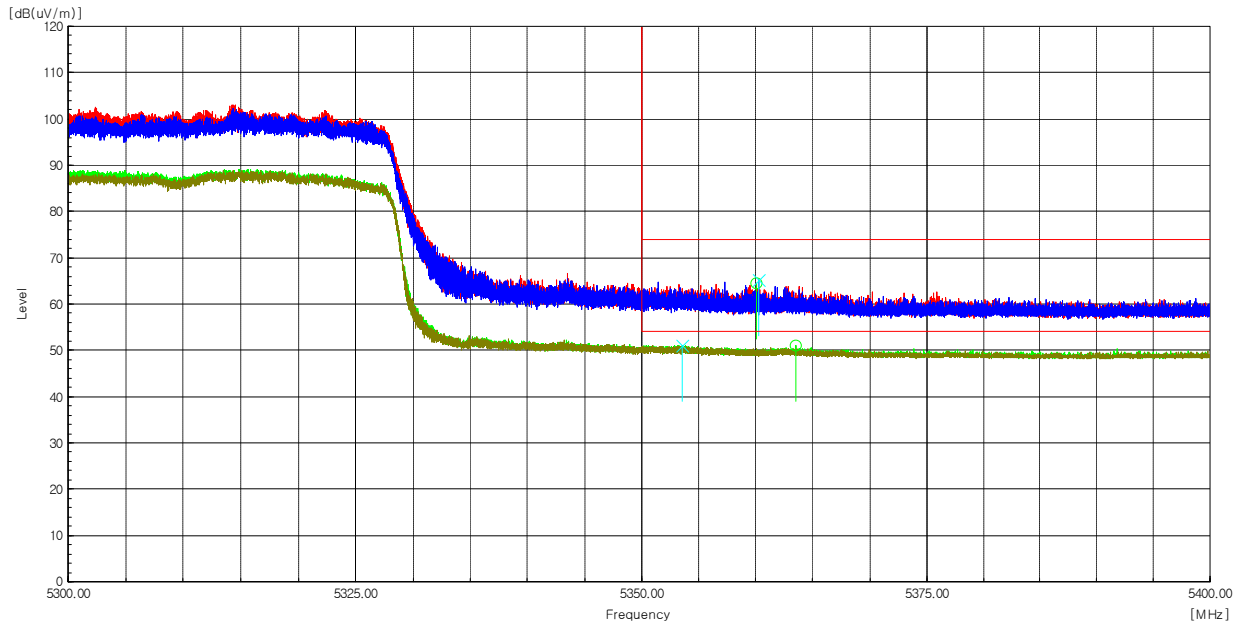


CTK Co., Ltd.

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si,
Gyeonggi-do, Korea
Tel: +82-1551-9871
Fax: +82-31-624-9501

REPORT No.:
CTK-2026-01751
Page (157) / (165) Pages

Worst Case Mode :	802.11ac_VHT80
Worst Case Transfer Rate :	NSS2 MCS0
Distance of Measurements :	3 Meters
Operating Frequency :	5 290 MHz
Channel :	58



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Duty Cycle Factor [dB]	Level PK [dBuV/m]	Level AV [dBuV/m]	Limit PK [dBuV/m]	Limit AV [dBuV/m]	Margin PK [dB]	Margin AV [dB]	Note
5 360.1	H	60.1	4.3	-----	64.4	-----	74.0	-----	9.6	-----	Peak
5 363.5	H	46.7	4.4	0.37	-----	51.5	-----	54.0	-----	2.5	Average
5 360.3	V	60.8	4.3	-----	65.1	0.0	74.0	-----	8.9	-----	Peak
5 353.6	V	46.7	4.3	0.37	-----	51.4	-----	54.0	-----	2.6	Average

Radiated Restricted Band Edge Plot

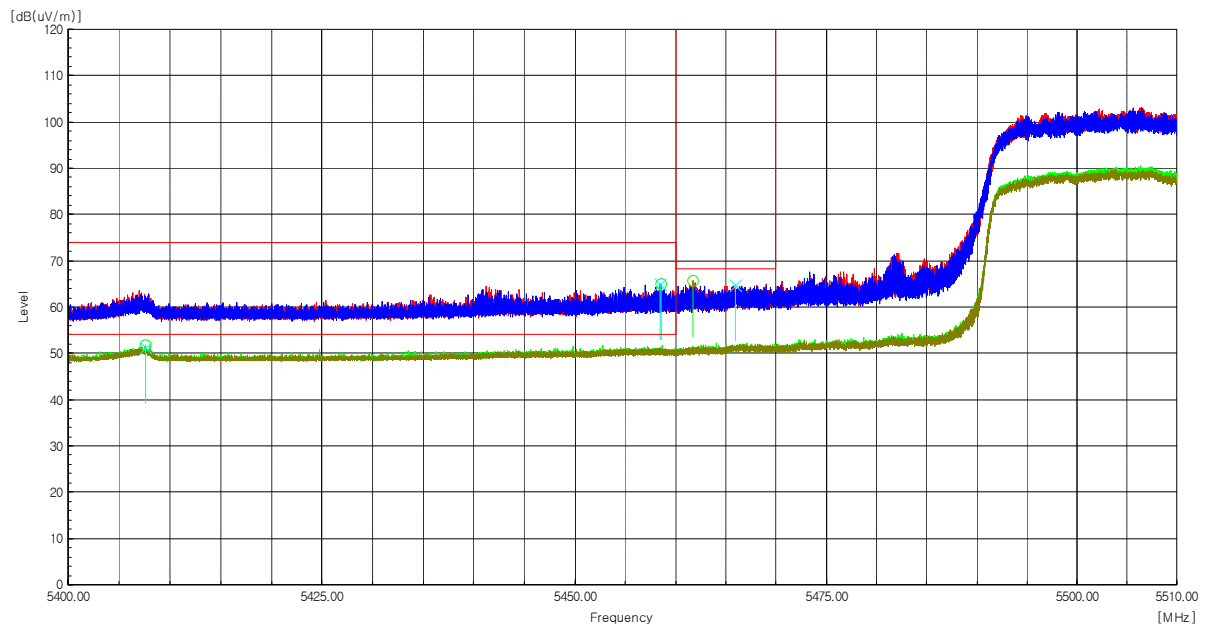


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Page (158) / (165) Pages

Worst Case Mode :	802.11ac_VHT80
Worst Case Transfer Rate :	NSS2 MCS0
Distance of Measurements :	3 Meters
Operating Frequency :	5 530 MHz
Channel :	106



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Duty Cycle Factor [dB]	Level PK [dBuV/m]	Level AV [dBuV/m]	Limit PK [dBuV/m]	Limit AV [dBuV/m]	Margin PK [dB]	Margin AV [dB]	Note
5 461.7	H	60.7	5.0	-----	65.7	-----	68.2	-----	2.5	-----	Peak
5 466.0	V	59.7	5.0	-----	64.7	-----	68.2	-----	3.5	-----	Peak
5 458.6	H	60.1	4.9	-----	65.0	-----	74.0	-----	9.0	-----	Peak
5 407.6	H	47.0	4.6	0.37	-----	52.0	-----	54.0	-----	2.0	Average
5 458.5	V	60.0	4.9	-----	64.9	0.0	74.0	-----	9.1	-----	Peak
5 407.6	V	46.7	4.6	0.37	-----	51.7	-----	54.0	-----	2.3	Average

Radiated Restricted Band Edge Plot

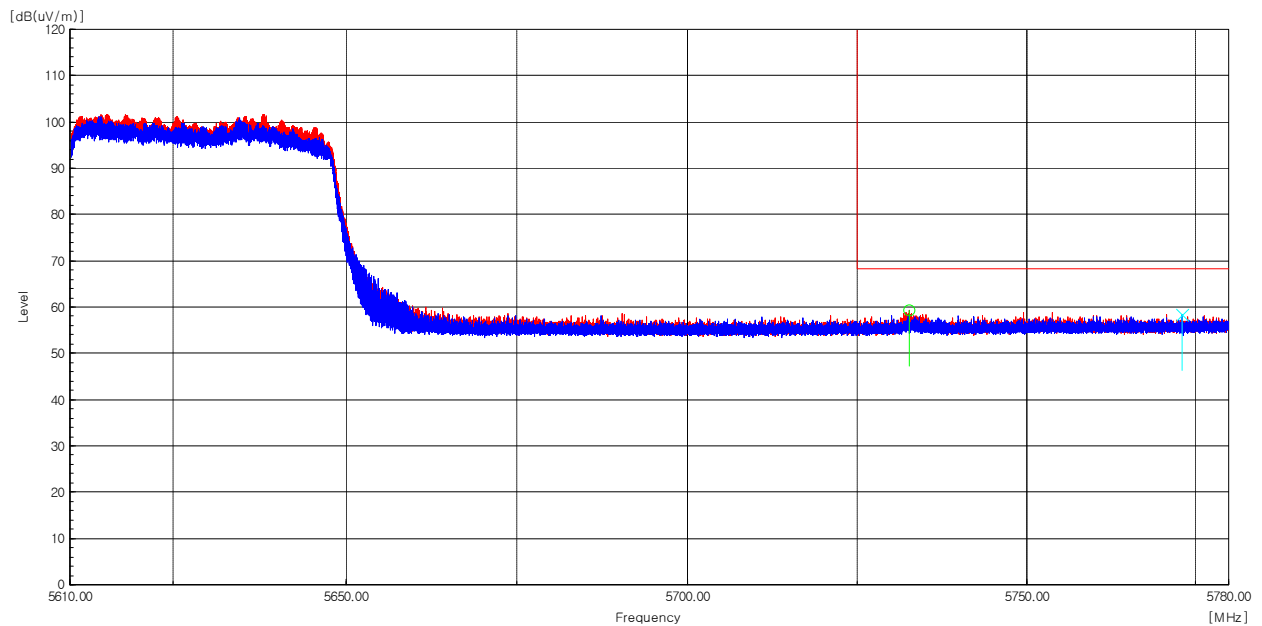


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Page (159) / (165) Pages

Worst Case Mode :	802.11ac_VHT80
Worst Case Transfer Rate :	NSS2 MCS0
Distance of Measurements :	3 Meters
Operating Frequency :	5 610 MHz
Channel :	122



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Duty Cycle Factor [dB]	Level PK [dBuV/m]	Level AV [dBuV/m]	Limit PK [dBuV/m]	Limit AV [dBuV/m]	Margin PK [dB]	Margin AV [dB]	Note
5 732.6	H	53.7	5.5	-----	59.2	-----	68.2	-----	9.0	-----	Peak
5 773.1	V	52.7	5.6	-----	58.3	-----	68.2	-----	9.9	-----	Peak

Radiated Restricted Band Edge Plot

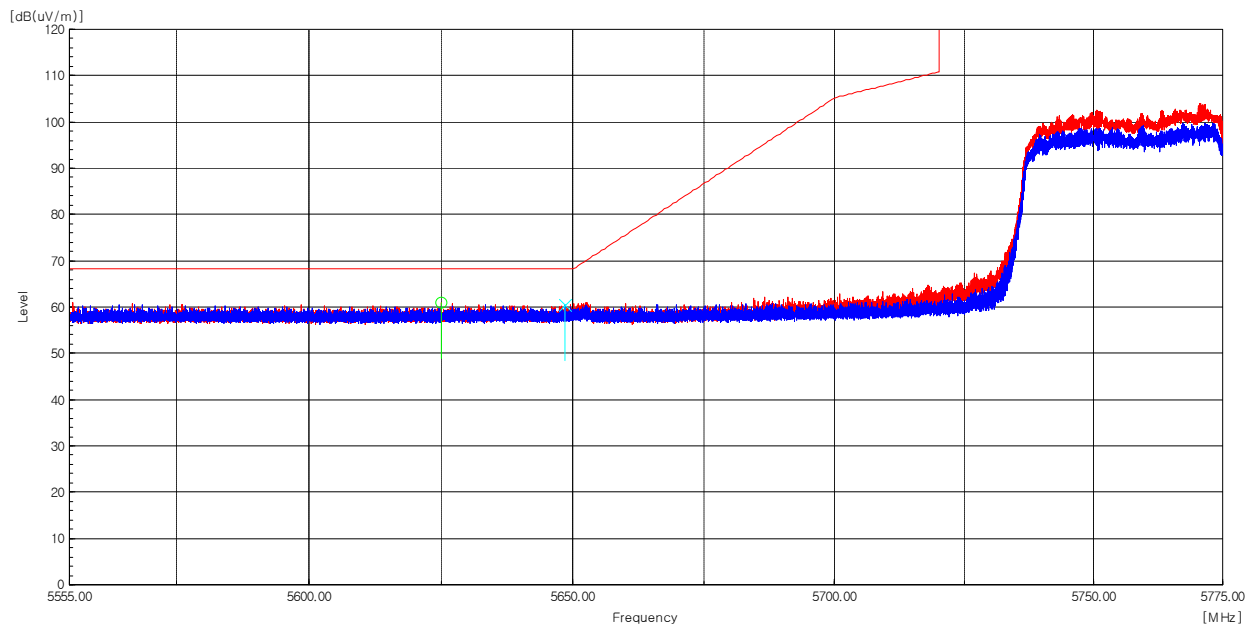


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Page (160) / (165) Pages

Worst Case Mode :	802.11ac_VHT80
Worst Case Transfer Rate :	NSS2 MCS0
Distance of Measurements :	3 Meters
Operating Frequency :	5 775 MHz_Low
Channel :	155



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Duty Cycle Factor [dB]	Level PK [dBuV/m]	Level AV [dBuV/m]	Limit PK [dBuV/m]	Limit AV [dBuV/m]	Margin PK [dB]	Margin AV [dB]	Note
5 624.9	H	55.7	5.3	-----	61.0	-----	68.2	-----	7.2	-----	Peak
5 648.5	V	55.1	5.3	-----	60.4	-----	68.2	-----	7.8	-----	Peak

Radiated Restricted Band Edge Plot

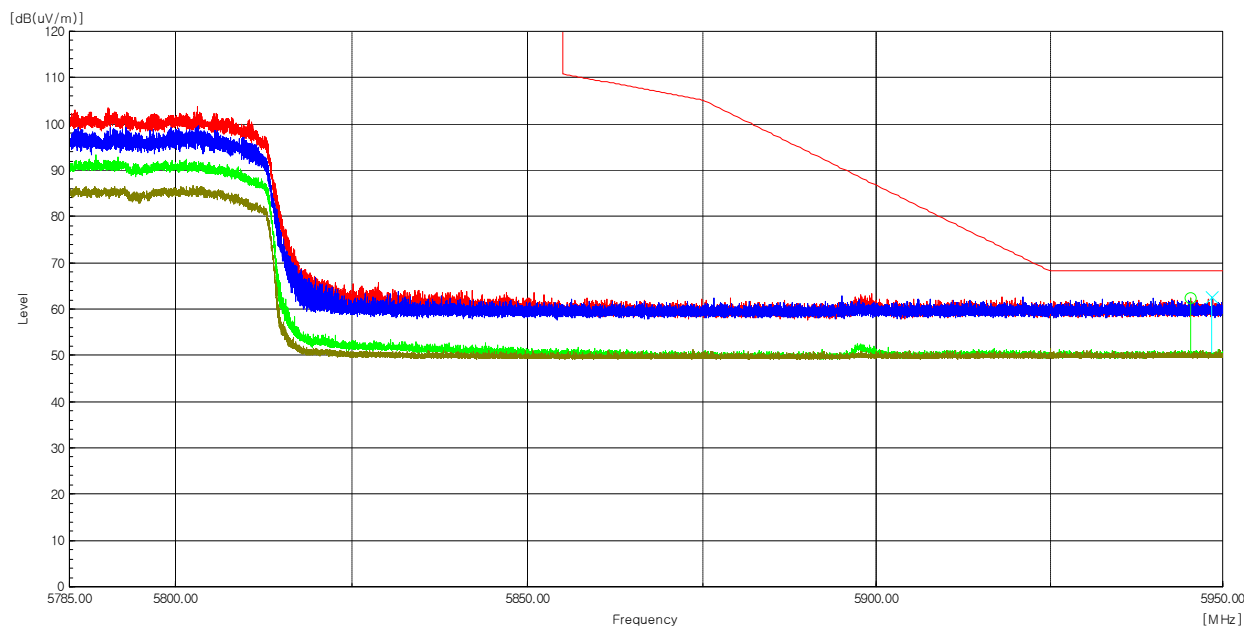


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(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si,
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Page (161) / (165) Pages

Worst Case Mode :	802.11ac_VHT80
Worst Case Transfer Rate :	NSS2 MCS0
Distance of Measurements :	3 Meters
Operating Frequency :	5 775 MHz_High
Channel :	155



Frequency [MHz]	(P)	Reading [dBuV]	c.f [dB(1/m)]	Duty Cycle Factor [dB]	Level PK [dBuV/m]	Level AV [dBuV/m]	Limit PK [dBuV/m]	Limit AV [dBuV/m]	Margin PK [dB]	Margin AV [dB]	Note
5 945.3	H	55.9	6.5	-----	62.4	-----	68.2	-----	5.8	-----	Peak
5 948.3	V	56.0	6.5	-----	62.5	-----	68.2	-----	5.7	-----	Peak

Radiated Restricted Band Edge Plot

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Page (162) / (165) Pages

4.7 AC Conducted Emissions

Test Location

Shielded Room

Frequency Range of measurement

150 kHz to 30 MHz

Instrument Settings

IF Band Width: 9 kHz

Test Procedures

ANSI C63.10-2020 - Section 6.2

The EUT was placed on a non-metallic table 0.8 m above the metallic, grounded floor and 0.4 m from the reference ground plane wall. The distance to other metallic surfaces was at least 0.8 m. Amplitude measurements were performed with a quasi-peak detector and an average detector.

Limit :

- 15.207(a)

Frequency [MHz]	Conducted Limit [dBuV]	
	Quasi-peak	Average**
0.15 - 0.5	66 to 56*	56 to 46*
0.5 - 5	56	46
5 - 30	60	50

* The level decreases linearly with the logarithm of the frequency.

** A linear average detector is required.

Test Results :

The requirements are:

☒ Complies



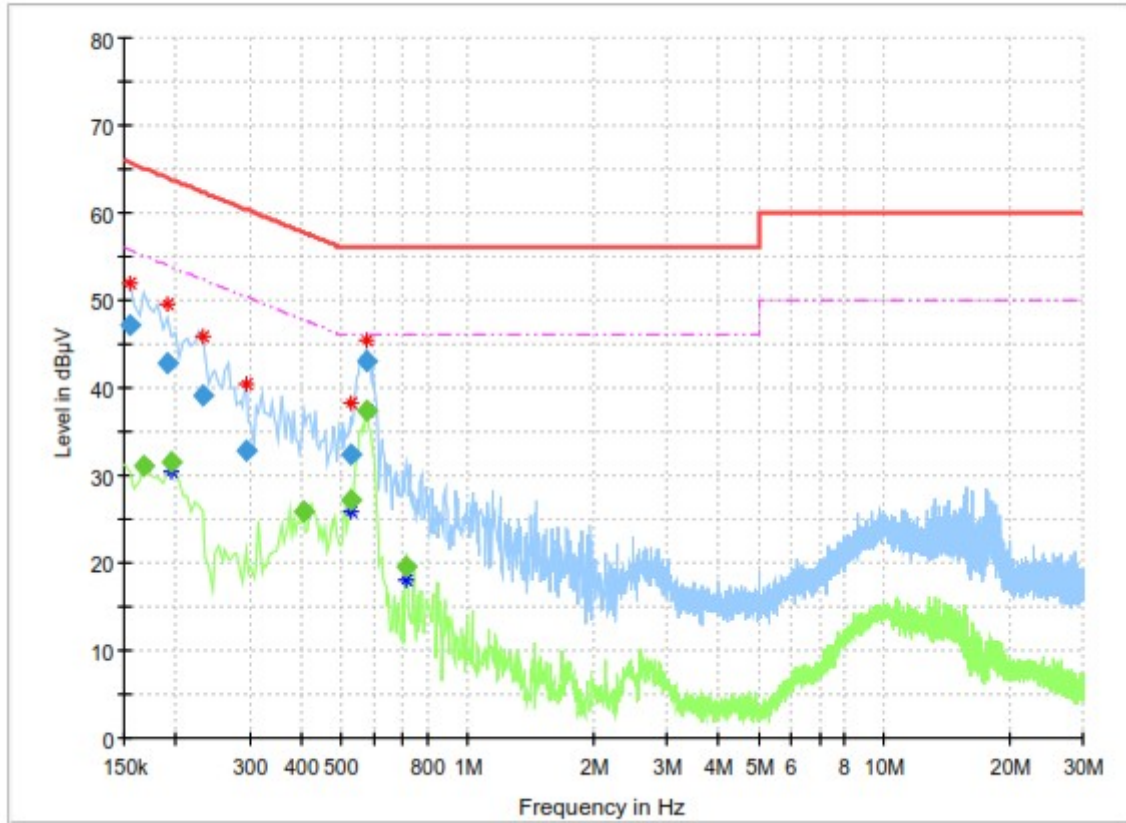
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Page (163) / (165) Pages

Test Data :

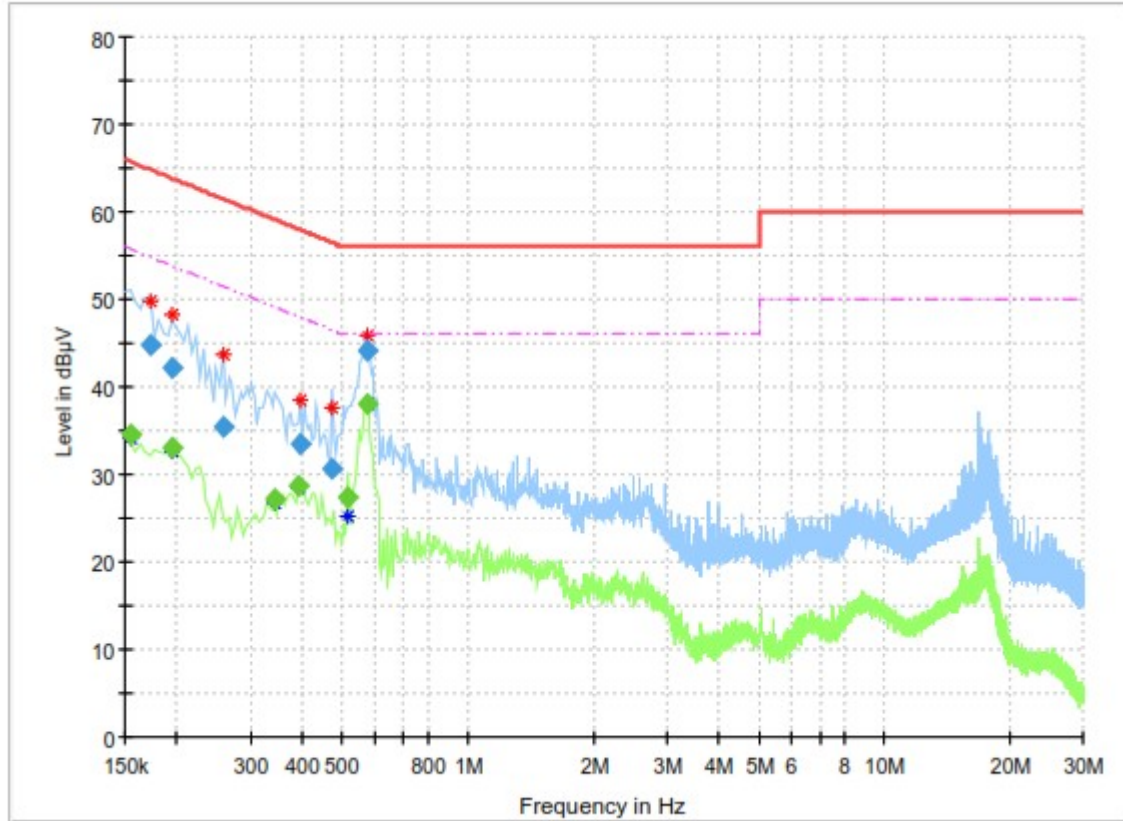
[LINE]
Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	47.20	---	65.75	18.56	15000.0	9.000	L1	ON	10.1
0.168000	---	31.12	55.06	23.94	15000.0	9.000	L1	ON	10.2
0.190500	42.93	---	64.02	21.09	15000.0	9.000	L1	ON	10.4
0.195000	---	31.51	53.82	22.31	15000.0	9.000	L1	ON	10.4
0.231000	39.03	---	62.41	23.39	15000.0	9.000	L1	ON	10.3
0.294000	32.87	---	60.41	27.54	15000.0	9.000	L1	ON	10.3
0.406500	---	25.88	47.72	21.84	15000.0	9.000	L1	ON	10.3
0.523500	32.49	---	56.00	23.51	15000.0	9.000	L1	ON	10.3
0.528000	---	27.26	46.00	18.74	15000.0	9.000	L1	ON	10.3
0.573000	---	37.32	46.00	8.68	15000.0	9.000	L1	ON	10.3
0.573000	43.02	---	56.00	12.98	15000.0	9.000	L1	ON	10.3
0.712500	---	19.52	46.00	26.48	15000.0	9.000	L1	ON	10.2

[NEUTRAL]
Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154500	---	34.57	55.75	21.19	15000.0	9.000	N	ON	9.9
0.172500	44.69	---	64.84	20.15	15000.0	9.000	N	ON	9.9
0.195000	---	33.04	53.82	20.78	15000.0	9.000	N	ON	10.0
0.195000	42.28	---	63.82	21.54	15000.0	9.000	N	ON	10.0
0.258000	35.51	---	61.50	25.98	15000.0	9.000	N	ON	9.9
0.343500	---	27.23	49.12	21.89	15000.0	9.000	N	ON	10.0
0.393000	---	28.62	48.00	19.38	15000.0	9.000	N	ON	10.1
0.397500	33.53	---	57.91	24.37	15000.0	9.000	N	ON	10.1
0.469500	30.65	---	56.52	25.87	15000.0	9.000	N	ON	10.1
0.514500	---	27.43	46.00	18.57	15000.0	9.000	N	ON	10.1
0.573000	---	37.99	46.00	8.01	15000.0	9.000	N	ON	10.1
0.573000	44.23	---	56.00	11.77	15000.0	9.000	N	ON	10.1

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Page (165) / (165) Pages

APPENDIX A – Test Equipment Used For Tests

No.	Name of Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	Signal Analyzer	Agilent	N9020A	MY50510324	2025-11-25	2026-11-25
2	Signal Analyzer	Agilent	N9020A	MY50200096	2025-11-10	2026-11-10
3	Signal Generator	Rohde & Schwarz	SMB100A	175528	2026-03-12	2027-03-12
4	EMI TEST RECEIVER	Rohde & Schwarz	ESW44	102039	2026-04-27	2027-04-27
5	Active Loop Antenna	SCHWARZBECK	FMZB 1513	1513-125	2026-03-25	2028-03-25
6	Bilog Antenna	TESEQ	CBL6111D	60654	2025-08-21	2027-08-21
7	AMPLIFIER	SONOMA INSTRUMENT	310N	411011	2025-07-28	2026-07-28
8	ATTENUATOR	PASTERNAK	PE7AP006-06	L20210504000023	2025-07-28	2026-07-28
9	ATTENUATOR	NONE	6dB	190557	2025-09-18	2026-09-18
10	Preamplifier	Agilent	8449B	3008A00620	2026-03-11	2027-03-11
11	Double Ridged Guide Antenna	ETS-Lindgren	3115	00078895	2026-03-13	2027-03-13
12	Horn Antenna	SCHWARZBECK	BBHA9170	01153	2025-09-30	2026-09-30
13	Low Noise Amplifier	TESTEK	TK-PA1840H	210124-L	2025-09-30	2026-09-30
14	Band Reject Filter	Micro Tronics	BRM50702	G233	2025-11-25	2026-11-25
15	Band Reject Filter	Micro Tronics	BRM50716	G184	2025-11-25	2026-11-25
16	Spectrum Analyzer	Rohde & Schwarz	FSV40	101574	2026-01-13	2027-01-13
17	Temp&Humi Chamber	ESPEC CORP.	SH-242	93008423	2026-03-23	2027-03-23
18	DC Power Supply	Agilent	E3632A	MY50370042	2025-07-04	2026-07-04
19	DC Power Supply	Agilent	E3632A	MY40009327	2026-03-11	2027-03-11
20	LISN	Rohde & Schwarz	ENV216	102698	2026-04-27	2027-04-27
21	EMI TEST RECEIVER	Rohde & Schwarz	ESR3	102826	2026-04-27	2027-04-27

No.	Cable	Manufacturer	Model No.	Serial No.	Check Date
1	RF Cable (Conducted)	Junkosha Inc.	MWX221	2008S252	2026-05-15
2	RF Cable (Conducted)	Junkosha Inc.	MWX221	1512S151	2026-05-15
3	RF Cable (Conducted)	Junkosha Inc.	MWX221	2008S249	2026-05-20
4	RF Cable (Line Conducted)	Canare Corporation	L-5D2W	N/A	2026-04-16
5	RF Cable (9 kHz - 1 GHz Radiated)	HUBER+SUHNER	SUCOFLEX 104	MY27558/4	2026-04-16
6	RF Cable (9 kHz - 1 GHz Radiated)	HUBER+SUHNER	L-5D2W	N/A	2026-04-16
7	RF Cable (1 GHz - 18 GHz Radiated)	Junkosha Inc.	MWX221	2008S246	2025-02-21
8	RF Cable (1 GHz - 18 GHz Radiated)	Junkosha Inc.	MWX221	J0970749	2025-02-21
9	RF Cable (1 GHz - 18 GHz Radiated)	Sensorview Co., LTD	13A26	TPC2204060007	2025-02-21
10	RF Cable (18 GHz - 40 GHz Radiated)	Sensorview Co., LTD	9S40	TPC2204060009	2025-02-21
11	RF Cable (18 GHz - 40 GHz Radiated)	Sensorview Co., LTD	9A40	TP210713-001	2025-02-21

-END-