



FCC RADIO TEST REPORT

Applicant : Franklin Wireless Corp

Address : 6205 Lusk Blvd. SAN DIEGO,
California 92121 United States

Equipment : 5G Router

Model No. : SG1000

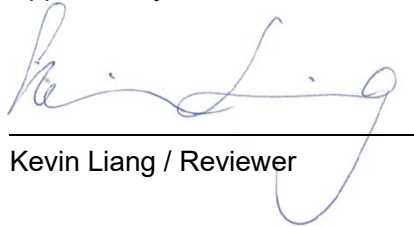
Trade Name : Franklin Wireless

FCC ID. : RB2-SG1000

I HEREBY CERTIFY THAT :

The sample was received on Aug. 12, 2026 and the testing was completed on Sep. 12, 2026 at CerpPASS Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of CerpPASS Technology Corp., the test report shall not be reproduced except in full.

Approved by:


Kevin Liang / Reviewer

Laboratory Accreditation:

CerpPASS Technology Corporation Test Laboratory





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History of this test report

Report No.	Issued Date	Description
26060017-TRFCC02	Sep. 18, 2026	Original



1. Summary of Test Procedure and Test Results

1.1. Applicable Standards

ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024

FCC Rules and Regulations Part 15 Subpart E §15.407

KDB 789033

FCC Rule	Description of Test	Result
15.203	Antenna Requirement	PASS
15.207(a)	AC Power Line Conducted Emission	PASS
15.407(b) 15.209	Radiated Spurious Emission	PASS
15.407(a)	26 dB & Occupied Bandwidth	PASS
15.407	6 dB Bandwidth	PASS
15.407 (a) & (a)(3)	Average Power	PASS
15.407(a)	Power Spectral Density	PASS

*The lab has reduced the uncertainty risk factor from test equipment, environment and staff technicians which according to the standard on contract. Therefore, the test result will only be determined by standard requirement, measurement uncertainty evaluation is not considered.



2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

Operation Frequency Range	2.4GHz: 802.11b/g/n/ax/be: 2400-2483.5MHz 5GHz: 802.11a/n/ac/ax/be:5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5875MHz 6GHz: 802.11a/ax/be: 5925MHz-6425MHz, 6425MHz-6525MHz, 6525MHz-6875MHz, 6875MHz-7125MHz
Center Frequency Range	2.4GHz:802.11b/g/n/ax/be: 2412MHz-2462MHz 5GHz:802.11a/n/ac/ax/be:5180-5240MHz, 5260-5320MHz, 5500-5720MHz, 5745-5825MHz 6GHz: 802.11a/ax/be: 5955MHz-6415MHz, 6435MHz-6515MHz, 6535MHz-6855MHz, 6875MHz-7115MHz
Modulation Type	2.4GHz: 802.11b: CCK, DQPSK, DBPSK 802.11g/n: BPSK, QPSK, 16QAM, 64QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 802.11be: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM 5GHz: 802.11a/n: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 802.11be: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM 6GHz: 802.11a: BPSK, QPSK, 16QAM, 64QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 802.11be: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM
Modulation Technology	DSSS 、 OFDM 、 OFDMA
Data Rate	2.4GHz: 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS15, HT20/40 802.11ax: MCS0 – MCS11, HE20/40 802.11be: MCS0 – MCS13, EHT20/40 5GHz: 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS15, HT20/40 802.11ac: MCS0 – MCS9, VHT20/40/80/160 802.11ax: MCS0 – MCS11, HE20/40/80/160 802.11be: MCS0 – MCS13, EHT20/40/80/160 6GHz 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11ax: MCS0 – MCS11, HE20/40/80/160 802.11be: MCS0 – MCS13, EHT20/40/80/160



Antenna Type	PCB Antenna
Antenna Gain	2412-2484MHz: ANT-9: 1.28dBi, ANT-10: 1.47dBi 5150-5260MHz: ANT-9: 2.54dBi, ANT-10: 3.15dBi 5260-5320MHz: ANT-9: 2.33dBi, ANT-10: 2.85dBi 5470-5700MHz: ANT-9: 3.10dBi, ANT-10: 3.66dBi 5745-5850MHz: ANT-9: 2.29dBi, ANT-10: 3.74dBi 5945-6425MHz: ANT-9: 2.45dBi, ANT-10: 3.82dBi 6425-6525MHz: ANT-9: 2.45dBi, ANT-10: 3.47dBi 6525-7115MHz: ANT-9: 2.10dBi, ANT-10: 3.45dBi 6855-7125MHz: ANT-9: 2.10dBi, ANT-10: 2.19dBi
Adapter	Franklin Wireless \ PS24V120K2000UD \ 24W
	Franklin Wireless \ APS-M024120200W-G \ 24W

Note:

1. EUT support TPC Function.
2. EUT support Master Mode.
3. EUT only support Full RU.
4. EUT: Low Power indoor Access Point.
5. For more details, please refer to the User's manual of the EUT.



2.2. Carrier Frequency of Channels

Band: 5150MHz-5250MHz

802.11a, 802.11n HT20, 802.11ac VHT20, 802.11ax HE20, 802.11be EHT20

Channel	Frequency (MHz)	Channel	Frequency (MHz)
*36	5180	44	5220
*40	5200	*48	5240

802.11n HT40, 802.11ac VHT40, 802.11ax HE40, 802.11be EHT40

Channel	Frequency (MHz)	Channel	Frequency (MHz)
*38	5190	*46	5230

802.11ac VHT80, 802.11ax HE80, 802.11be EHT80

Channel	Frequency (MHz)
*42	5210

Band: 5250MHz-5350MHz

802.11a, 802.11n HT20, 802.11ac VHT20, 802.11ax HE20, 802.11be EHT20

Channel	Frequency (MHz)	Channel	Frequency (MHz)
*52	5260	*60	5300
56	5280	*64	5320

802.11n HT40, 802.11ac VHT40, 802.11ax HE40, 802.11be EHT40

Channel	Frequency (MHz)	Channel	Frequency (MHz)
*54	5270	*62	5310

802.11ac VHT80, 802.11ax HE80, 802.11be EHT80

Channel	Frequency (MHz)
*58	5290

Band: 5470MHz-5725MHz

802.11a, 802.11n HT20, 802.11ac VHT20, 802.11ax HE20, 802.11be EHT20

Channel	Frequency (MHz)	Channel	Frequency (MHz)
*100	5500	124	5620
104	5520	128	5640
108	5540	132	5660
112	5560	136	5680
116	5580	*140	5700
*120	5600		

802.11n HT40, 802.11ac VHT40, 802.11ax HE40, 802.11be EHT40

Channel	Frequency (MHz)	Channel	Frequency (MHz)
*102	5510	126	5630
110	5550	*134	5670
*118	5590		

802.11ac VHT80, 802.11ax HE80, 802.11be EHT80

Channel	Frequency (MHz)	Channel	Frequency (MHz)
*106	5530	*122	5610

802.11ac VHT160, 802.11ax HE160, 802.11be EHT160

Channel	Frequency (MHz)
*114	5570



Band 3: Straddle Channel

802.11a, 802.11n HT 20, 802.11ac VHT20, 802.11ax HE20, 802.11be EHT20

Channel	Frequency (MHz)
*144	5720

802.11n HT40, 802.11ac VHT40, 802.11ax HE40, 802.11be EHT40

Channel	Frequency (MHz)
*142	5710

802.11ac VHT80, 802.11ax HE80, 802.11be EHT80

Channel	Frequency (MHz)
*138	5690

802.11ac VHT160, 802.11ax HE160, 802.11be EHT160

Channel	Frequency (MHz)
*50	5250

Band: 5725MHz-5850MHz

802.11a, 802.11n HT20, 802.11ac VHT20, 802.11ax HE20, 802.11be EHT20

Channel	Frequency (MHz)	Channel	Frequency (MHz)
*149	5745	161	5805
153	5765	*165	5825
*157	5785		

802.11n HT40, 802.11ac VHT40, 802.11ax HE40, 802.11be EHT40

Channel	Frequency (MHz)	Channel	Frequency (MHz)
*151	5755	*159	5795

802.11ac VHT80, 802.11ax HE80, 802.11be EHT80

Channel	Frequency (MHz)
*155	5775

Note: Channels remarked * are selected to perform test.



(For Above 1GHz)

Below test Channel generated the worst case, they were reported as the final data.

WiFi 5G	CH	Freq. (MHz)	Bandedge	1GHz ~ 5.9GHz	5.9GHz ~ 18GHz	18GHz ~ 40GHz
20MHz	36	5180	V	V	V	--
	40	5220	V	V	V	--
	48	5240	V	V	V	--
	52	5260	V	V	V	--
	60	5300	V	V	V	--
	64	5320	V	V	V	--
	100	5500	V	V	V	--
	120	5600	V	V	V	--
	140	5700	V	V	V	--
	144	5720	V	V	V	--
	149	5745	V	V	V	--
	157	5785	V	V	V	--
	165	5825	V	V	V	V
40MHz	38	5190	V	V	V	--
	46	5230	V	V	V	--
	54	5270	V	V	V	--
	62	5310	V	V	V	--
	102	5510	V	V	V	--
	118	5590	V	V	V	--
	134	5670	V	V	V	--
	142	5710	V	V	V	--
	151	5755	V	V	V	--
	159	5795	V	V	V	--
80MHz	42	5210	V	V	V	--
	58	5290	V	V	V	--
	106	5530	V	V	V	--
	122	5610	V	V	V	--
	138	5690	V	V	V	--
	155	5775	V	V	V	--
160MHz	50	5250	V	V	V	--
	114	5570	V	V	V	--



2.3. Test Mode and Test Software

- During testing, the interface cables and equipment positions were varied according to ANSI C63.10.
- An executive program, "Qualcomm Radio Control Tool Ver.: 4.0.211.0" under Windows 10 system was executed to transmit and receive data via WLAN.
- The following test modes were performed for the test:

Conducted Emissions from the AC mains power ports	
Test Mode 1	TX Mode, Power from Adapter: 1 (AC 120V/60Hz)
Test Mode 2	TX Mode, Power from Adapter: 2 (AC 120V/60Hz)
Test Mode 3	TX Mode, Power from Adapter: 2 (AC 240V/60Hz)
caused "Test Mode 3" generated the worst case, it was reported as the final data.	
Radiated Emissions (30MHz ~ 1GHz)	
Test Mode 1	TX Mode, Power from Adapter: 1 (AC 120V/60Hz)
Test Mode 2	TX Mode, Power from Adapter: 2 (AC 120V/60Hz)
caused "Test Mode 1" generated the worst case, it was reported as the final data.	
Radiated Emissions (1GHz ~ 40GHz)	
Test Mode 1	TX Mode, Power from Adapter: 1 (AC 120V/60Hz)
Use Item	
Adapter 1	Franklin Wireless \ PS24V120K2000UD \ 24W
Adapter 2	Franklin Wireless \ APS-M024120200W-G \ 24W

The EUT incorporates a MIMO function

Modulation Type	TX CONFIGURATION
802.11a	2TX
802.11n HT20	2TX
802.11n HT40	2TX
802.11ac VHT20	2TX
802.11ac VHT40	2TX
802.11ac VHT80	2TX
802.11ac VHT160	2TX
802.11ax HE20	2TX
802.11ax HE40	2TX
802.11ax HE80	2TX
802.11ax HE160	2TX
802.11be EHT20	2TX
802.11be EHT40	2TX
802.11be EHT80	2TX
802.11be EHT160	2TX

**2.4. Description of Test System**

RF Conducted				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	S1GL2W	N/A	N/A
Type-C Cable (Blue)	kolin	KEX-DLCP08	1m / NS	N/A

Radiated Emissions				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	S1GL2W	N/A	N/A
Type-C Cable (Blue)	kolin	KEX-DLCP08	1m / NS	N/A

AC Power Line Conducted Emission				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	S1GL2W	N/A	N/A
Type-C Cable (Blue)	kolin	KEX-DLCP08	1m / NS	N/A



2.5. General Information of Test

Organization	Cerpass Technology Corp.	
☒ Test Site	Cerpass Technology Corporation Test Laboratory Address: No.10, Ln. 2, Lianfu St., Luzhu Dist., Taoyuan City 33848, Taiwan (R.O.C.) Tel: +886-3-3226-888 Fax: +886-3-3226-881	
	FCC	TW1439, TW1079
	ISED Company Number	4934E
	ISED CAB identifier	TW1439
Frequency Range Investigated	Conducted: from 150kHz to 30 MHz Radiation: from 9kHz to 40,000MHz	
Test Distance	The test distance of radiated emission from antenna to EUT is 3 M.	

Test Item	Test Site	Test Period	Environmental Conditions	Tested By
RF Conducted	RFCON02-NK	2026/09/09	24.7°C / 46%	Peter Pan
RF Conducted	RFCON02-NK	2026/09/10	24.8°C / 52%	Peter Pan
RF Conducted	RFCON02-NK	2026/09/11	25°C / 50%	Peter Pan
Radiated Emissions	3M02-NK	2026/09/05	18.3°C / 64%	Park Chen
Radiated Emissions	3M02-NK	2026/09/10	21.7°C / 56%	Park Chen
Radiated Emissions	3M02-NK	2026/09/11	19.8°C / 63%	Park Chen
Radiated Emissions	3M02-NK	2026/09/12	17.5°C / 54%	Kailun Luo
AC Power Line Conducted Emission	CON02-NK	2026/09/12	23.9°C / 72%	Kailun Luo



2.6. Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Measurement Item	Uncertainty
AC Power Line Conduction(150kHz~30MHz)	±3.2dB
Radiated Spurious Emission(9kHz~30MHz)	±3.4dB
Radiated Spurious Emission(30MHz~1GHz)	±5.2dB
Radiated Spurious Emission(1GHz~40GHz)	±5.2dB
6dB Bandwidth	±4.4%
26dB Bandwidth	±4.5%
Occupied Bandwidth	±4.4%
Peak Output Power (Conducted Power Meter)	±1.1dB
Power Spectral Density	±2.0dB
Duty Cycle	±3.5%
Frequency Stability	±223.073Hz



3. Test Equipment and Ancillaries Used for Tests

Test Item	Radiated Emissions				
Test Site	Semi Anechoic Room(3M02-NK)				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Bilog Antenna	Schwarzbeck	VULB9168	VULB 9168-1947	2026/02/10	2027/02/09
Active Loop Antenna	Schwarzbeck	FMZB 1513	00414	2026/02/04	2027/02/03
Horn Antenna	Schwarzbeck	BBHA 9120 D	2203	2026/03/26	2027/03/25
Horn Antenna	RF SPIN	DRH0844	KV2E20A0844	2026/03/26	2027/03/25
EMI Receiver	R&S	ESR 7	101906	2026/05/26	2027/05/25
Spectrum Analyzer	R&S	FSV3044	101745	2026/03/23	2027/03/22
Preamplifier	EMC INSTRUMENTS	EMC118A45V1SS	981069	2025/12/18	2026/12/17
Preamplifier	EMC INSTRUMENTS	EMC184045SEE	981159	2026/04/02	2027/04/01
Preamplifier	EM Electronics corp.	EM330	60659	2025/12/18	2026/12/17
Cable-4m (9k-3G)	EMEC	RG-223	18274M	2026/07/01	2027/06/30
Cable-1m (30M-1G)	EMC INSTRUMENTS	EMCCFD400-NM-NM-1000	260301	2026/04/10	2027/04/09
Cable-3m (30M-1G)	EMC INSTRUMENTS	EMCCFD400-NM-NM-3000	260302	2026/04/10	2027/04/09
Cable-7m (30M-1G)	EMC INSTRUMENTS	EMCCFD400-NM-NM-7000	260303	2026/04/10	2027/04/09
Cable-8m (10M-26.5G)	HUBER SUHNER	SF126E	587396/126E	2025/10/15	2026/10/14
Cable-3m (10M-26.5G)	HUBER SUHNER	SF126E	587399/126E	2025/10/15	2026/10/14
Cable-1m (1G-26.5G)	HUBER SUHNER	SF126E	589848/126E	2025/10/15	2026/10/14
Cable-1m (1G-40G)	EMC INSTRUMENTS	EMC104HS-KM-KM-1000	260304	2026/04/10	2027/04/09
Cable-3m (1G-40G)	EMC INSTRUMENTS	EMC104HS-KM-KM-3000	260305	2026/04/10	2027/04/09
Cable-7m (1G-40G)	EMC INSTRUMENTS	EMC104HS-KM-KM-7000	260306	2026/04/10	2027/04/09
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA
High Pass Filter	WOKEN	WFIL-H3000-18000F-03	WR377WC2B1	2025/10/13	2026/10/12
Highpass Filter	WOKEN	WFIL-H7000-18000F-01	WR468FWC2B1	2025/10/03	2026/10/02
Hipass Filter	Warison	WFIL-H7500-18000F-01	WRO5CFWC2B1	2025/10/13	2026/10/12



Test Item	RF Conducted				
Test Site	RFCON02-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP 40	100047	2026/02/24	2027/02/23
Attenuator	KEYSIGHT	8491B	MY39250703	2026/01/29	2027/01/28
Cable-0.5m (30M-40G)	HUBER SUHNER	SUCOFLEX 102	28420/2	2025/10/13	2026/10/12
Power Meter	Anritsu	ML2495A	1224005	2026/01/27	2027/01/26
Power Sensor	Anritsu	MA2411B	1207295	2026/01/27	2027/01/26
Switch Box	Theda	1-4	TW5451159	NA	NA

Test Item	AC Power Line Conducted Emission				
Test Site	CON02-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
EMI Receiver	R&S	ESR 7	101906	2026/05/26	2027/05/25
LISN	Schwarzbeck	NSLK 8127	1197	2025/09/22	2026/09/21
Two-Line V-Network	R&S	ENV216	101584	2026/01/15	2027/01/14
Cable-3m (9k-3G)	EMEC	RG-223	18271M	2026/06/24	2029/06/23
E3	AUDIX	v8.2014-8-6	RK-000536	NA	NA



4. Antenna Requirements

4.1. Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.407 (a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

4.2. Antenna Construction and Directional Gain

Antenna Type	PCB Antenna
Antenna Gain	5150-5260MHz: ANT-9: 2.54dBi, ANT-10: 3.15dBi 5260-5320MHz: ANT-9: 2.33dBi, ANT-10: 2.85dBi 5470-5700MHz: ANT-9: 3.10dBi, ANT-10: 3.66dBi 5745-5850MHz: ANT-9: 2.29dBi, ANT-10: 3.74dBi

5150-5260MHz
For Power directional gain= $G_{ant} = 3.15$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}] = 5.86$ (dBi)
5260-5320MHz
For Power directional gain= $G_{ant} = 2.85$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}] = 5.6$ (dBi)
5470-5700MHz
For Power directional gain= $G_{ant} = 3.66$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}] = 6.39$ (dBi)
5745-5850MHz
For Power directional gain= $G_{ant} = 3.74$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}] = 6.06$ (dBi)

*MIMO type: Cyclic Delay Diversity (CDD) mode.



5. Test of AC Power Line Conducted Emission

5.1. Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 kHz, according to the methods defined in ANSI C63.10-2020+Cor.1-2023 and ANSI C63.10a-2024. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

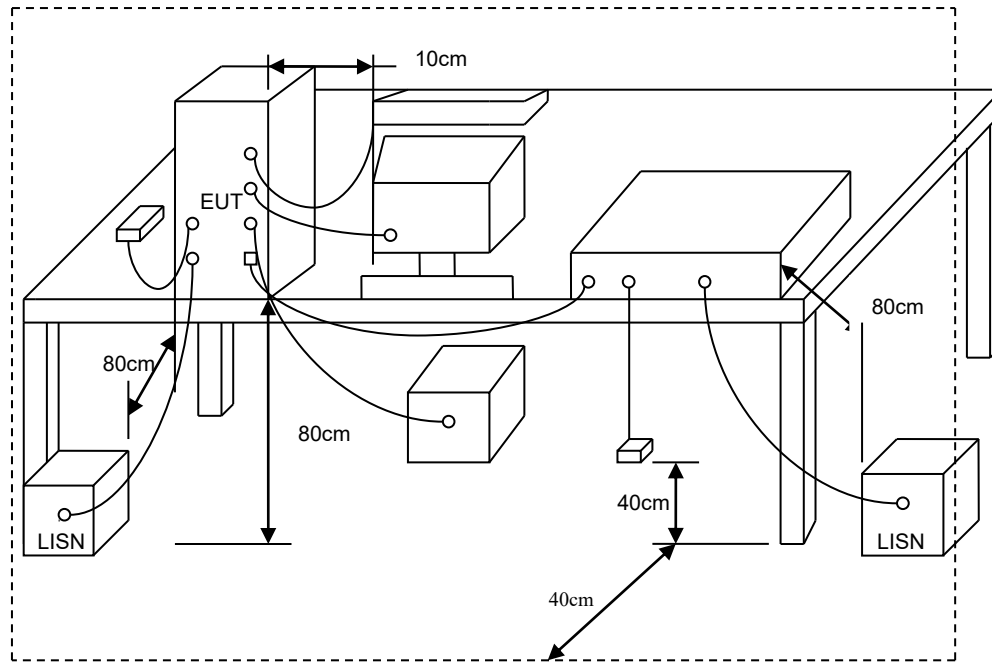
*Decreases with the logarithm of the frequency.

5.2. Test Procedures

- The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- Connect EUT to the power mains through a line impedance stabilization network (LISN).
- All the support units are connecting to the other LISN.
- The LISN provides 50 ohm coupling impedance for the measuring instrument.
- The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
- Both sides of AC line were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

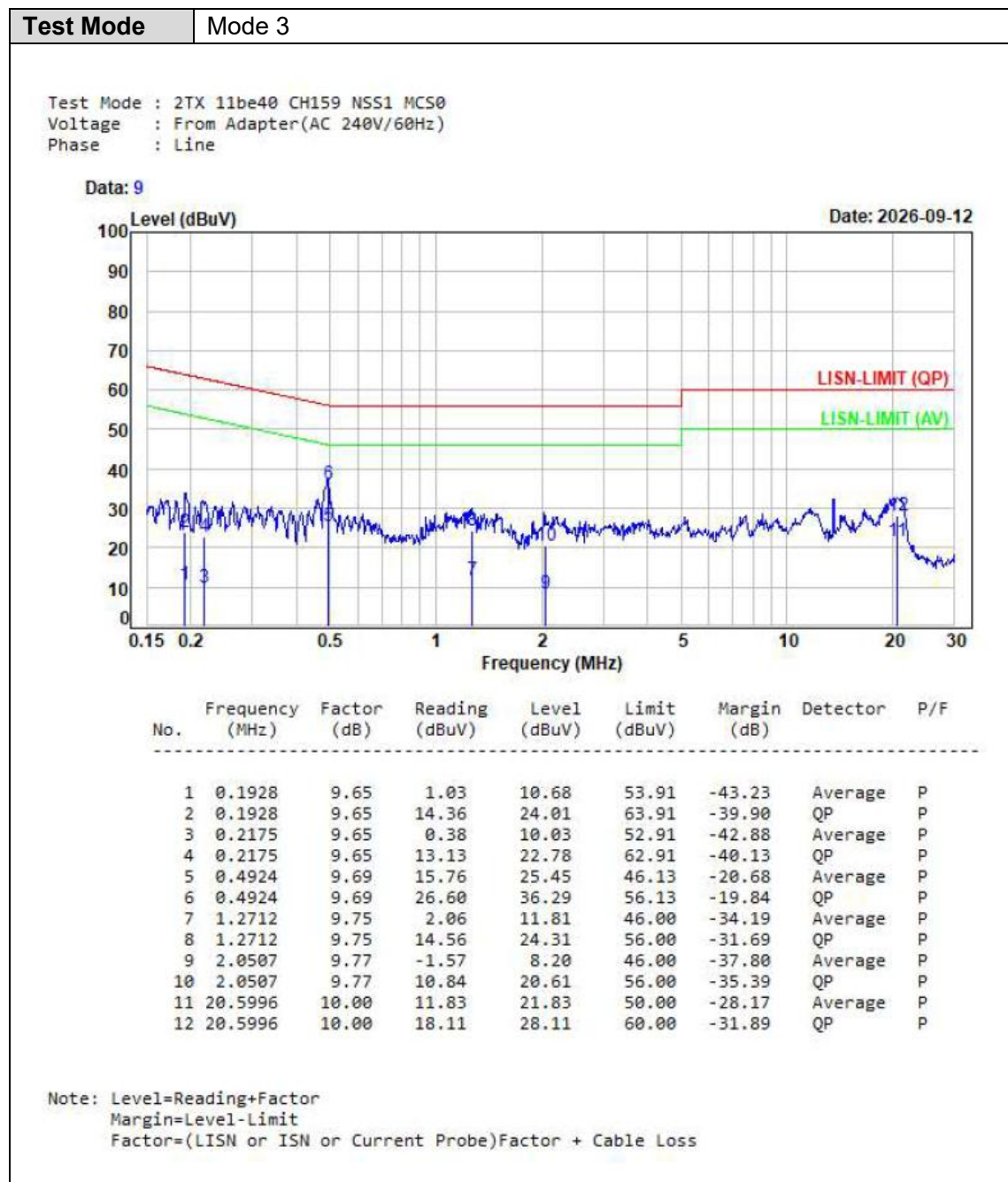


5.3. Typical Test Setup





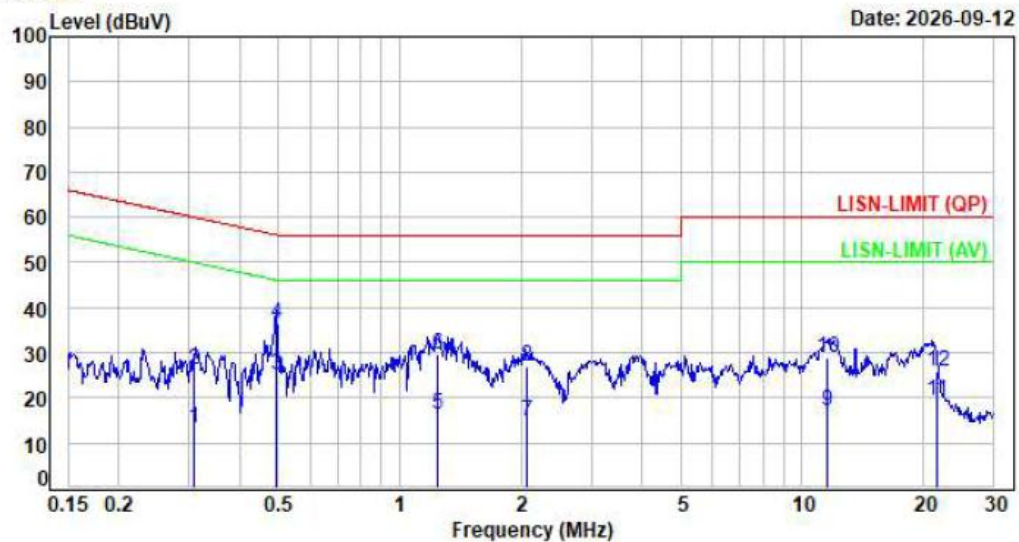
5.4. Test Result and Data



**Test Mode** Mode 3

Test Mode : 2TX 11be40 CH159 NSS1 MCS0
Voltage : From Adapter(AC 240V/60Hz)
Phase : Neutral

Data: 10



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.3089	9.65	3.49	13.14	50.00	-36.86	Average	P
2	0.3089	9.65	16.60	26.25	60.00	-33.75	QP	P
3	0.4921	9.66	15.26	24.92	46.13	-21.21	Average	P
4	0.4921	9.66	26.71	36.37	56.13	-19.76	QP	P
5	1.2439	9.72	6.79	16.51	46.00	-29.49	Average	P
6	1.2439	9.72	20.12	29.84	56.00	-26.16	QP	P
7	2.0719	9.74	4.90	14.64	46.00	-31.36	Average	P
8	2.0719	9.74	17.22	26.96	56.00	-29.04	QP	P
9	11.5484	9.95	7.12	17.07	50.00	-32.93	Average	P
10	11.5484	9.95	18.86	28.81	60.00	-31.19	QP	P
11	21.6205	10.12	9.32	19.44	50.00	-30.56	Average	P
12	21.6205	10.12	15.62	25.74	60.00	-34.26	QP	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=(LISN or ISN or Current Probe)Factor + Cable Loss



6. Test of Spurious Emission (Radiated)

6.1. Test Limit

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (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:
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 25MHz 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 27dBm/MHz at the band edge.
- (5) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.
- (6) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.
- (7) The provisions of §15.205 apply to intentional radiators operating under this section.
- (8) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.



6.2. Test Procedures

- a. The EUT was placed on a rotatable table top 0.8 meter above ground.
- b. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- c. The table was rotated 360 degrees to determine the position of the highest radiation.
- d. The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
- e. For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- f. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.
- h. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- i. "Cone of radiation" has been considered to be 3dB bandwidth of the measurement antenna.

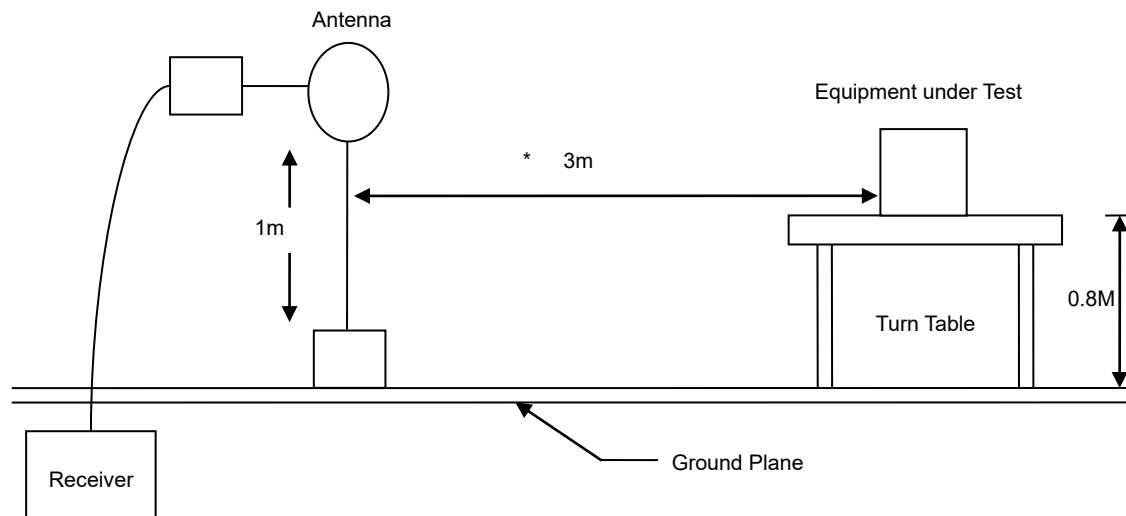
Note:

- 1.The supporting fixture shall permit orientation of the EUT in each of three orthogonal axis positions such that emissions from the EUT are maximized. (X-AXIS is the worst.)
- 2.Due to the test software function limit the operation band setting(200dBuV/m). There's no corresponding limitation in the actual test item.

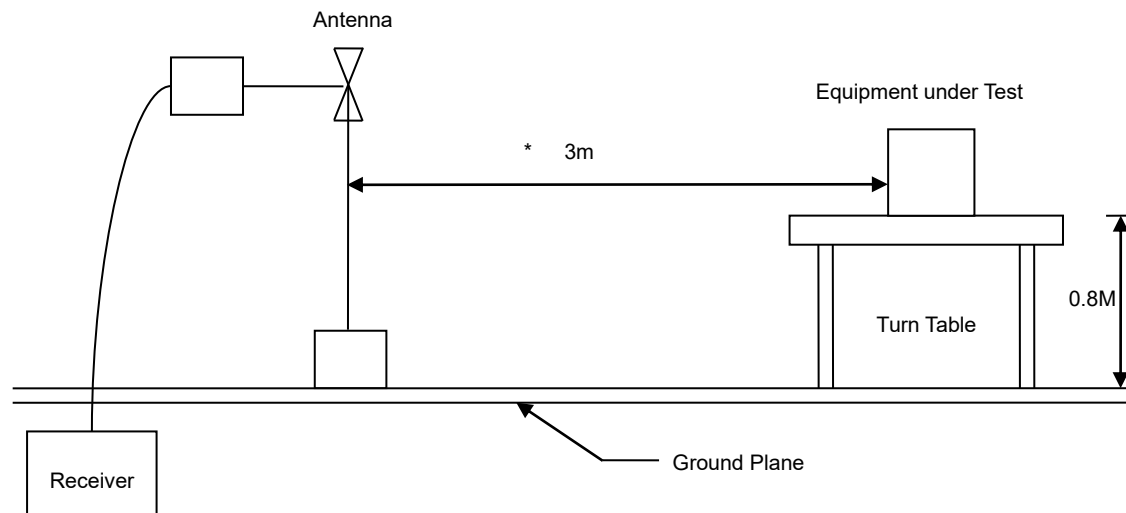


6.3. Typical Test Setup

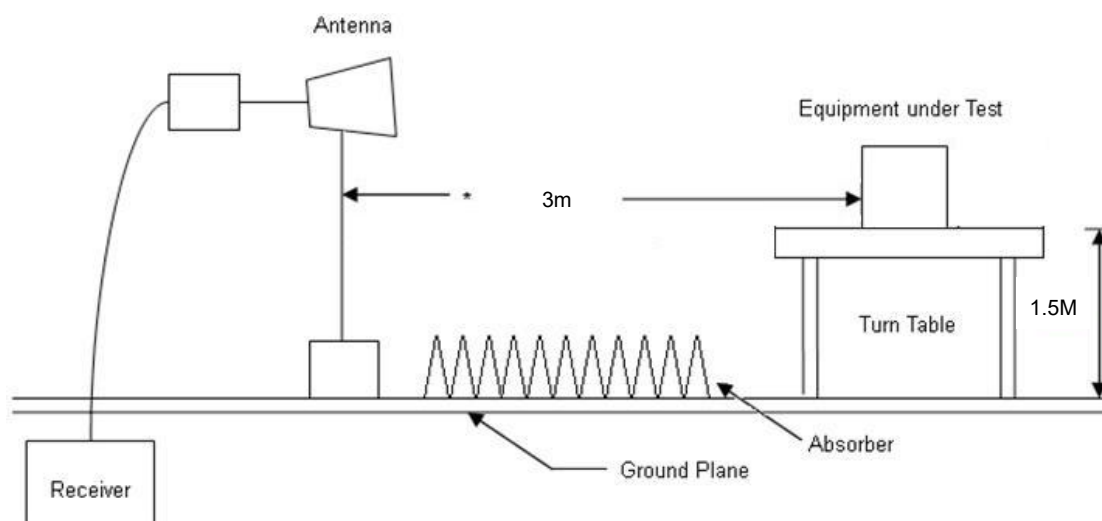
Below 30MHz test setup



30MHz- 1GHz Test Setup



Above 1GHz Test Setup

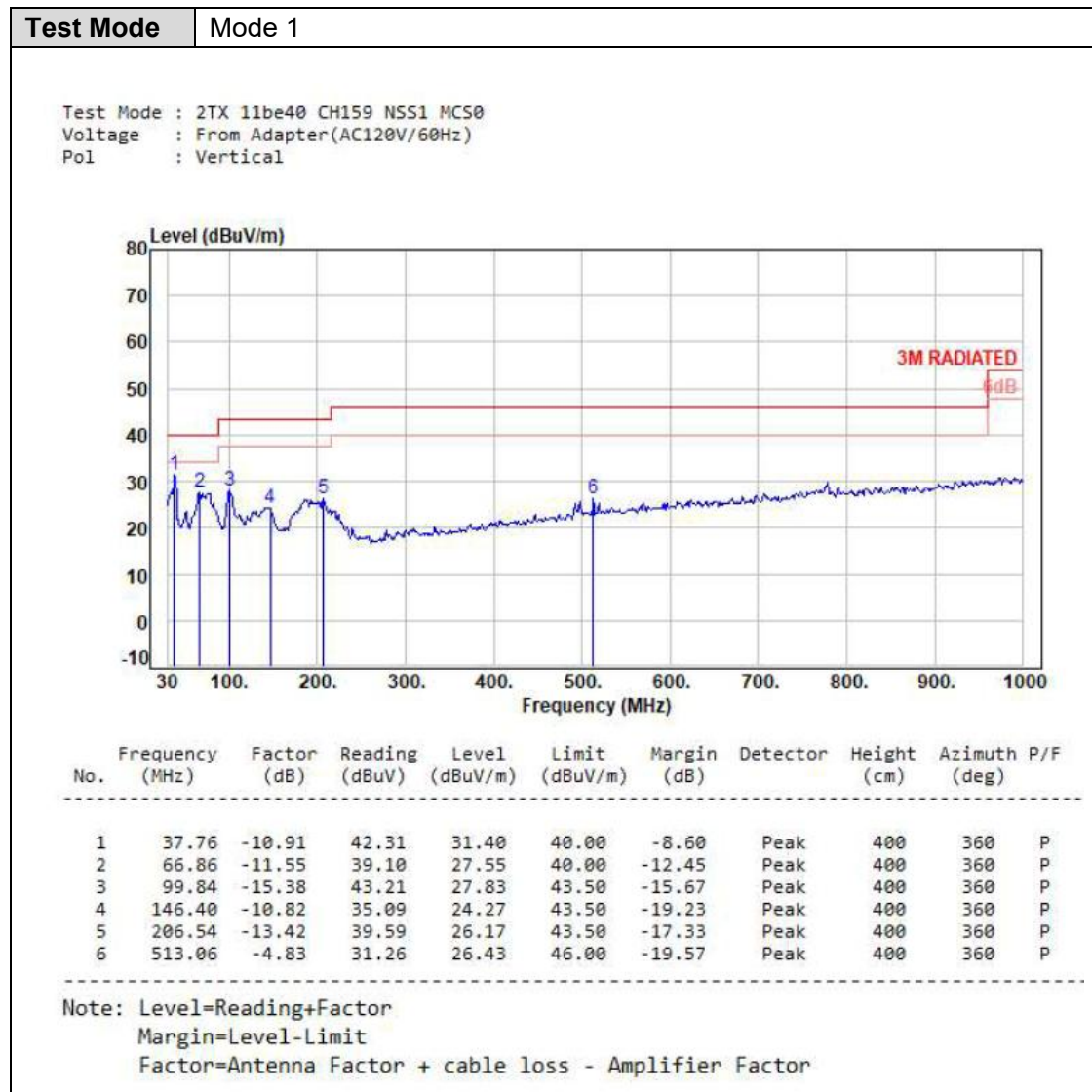




6.4. Test Result and Data (9kHz ~ 30MHz)

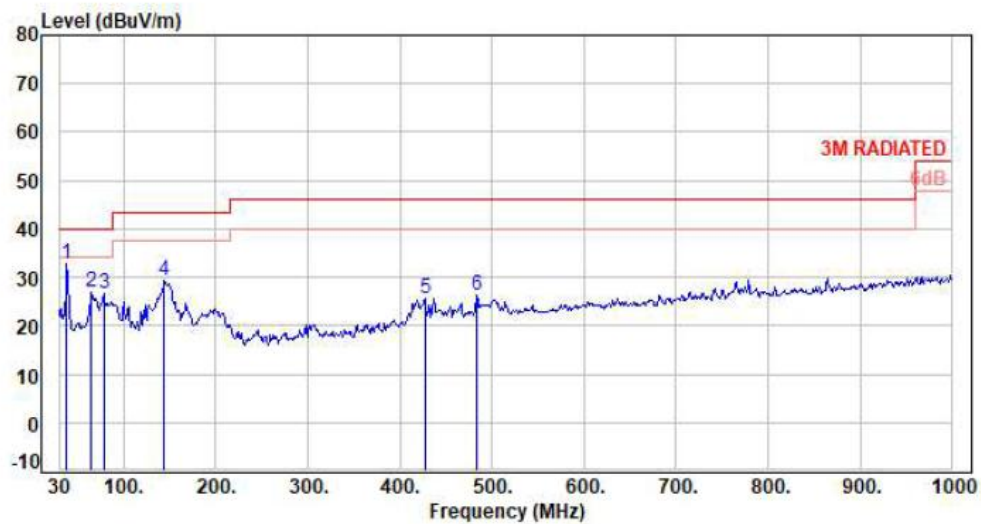
The 9kHz - 30MHz spurious emission is under limit 20dB more.

6.5. Test Result and Data (30MHz ~ 1GHz)



**Test Mode** Mode 1

Test Mode : 2TX 11be40 CH159 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	37.76	-10.91	43.85	32.94	40.00	-7.06	Peak	400	360	P
2	64.92	-10.98	37.85	26.87	40.00	-13.13	Peak	400	360	P
3	78.50	-14.70	41.18	26.48	40.00	-13.52	Peak	400	360	P
4	144.46	-10.90	40.41	29.51	43.50	-13.99	Peak	400	360	P
5	427.70	-6.45	32.19	25.74	46.00	-20.26	Peak	400	360	P
6	483.96	-5.39	31.83	26.44	46.00	-19.56	Peak	400	360	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

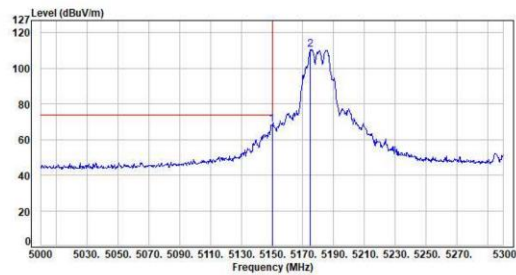


6.6. Test Result and Data (Bandedge)

Test Mode : 2TX 11a CH36 6Mbps

Pol : Vertical

Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	-0.27	68.61	68.34	74.00	-5.66	Peak	100	140	P
2	5174.90	-0.47	111.21	110.74	200.00	-89.26	Peak	100	140	P

Note: Level=Reading+Factor

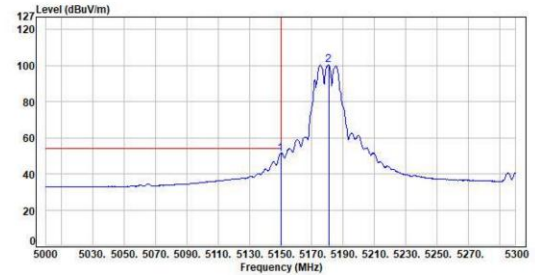
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH36 6Mbps

Pol : Vertical

Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	-0.27	51.61	51.34	54.00	-2.66	Average	100	140	P
2	5174.90	-0.51	100.93	100.42	200.00	-99.58	Average	100	140	P

Note: Level=Reading+Factor

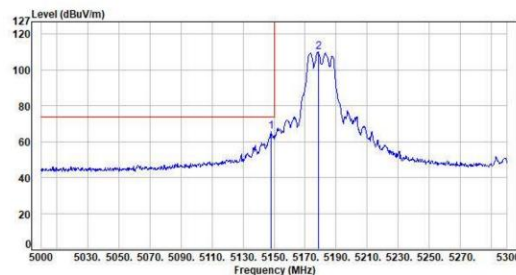
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH36 6Mbps

Pol : Horizontal

Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5147.90	-0.27	65.91	65.64	74.00	-8.36	Peak	100	160	P
2	5178.50	-0.50	110.57	110.07	200.00	-89.93	Peak	100	160	P

Note: Level=Reading+Factor

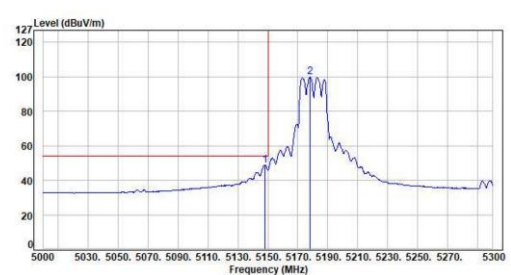
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH36 6Mbps

Pol : Horizontal

Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5147.90	-0.27	49.22	48.95	54.00	-5.05	Average	100	160	P
2	5177.90	-0.49	100.30	99.81	200.00	-100.19	Average	100	160	P

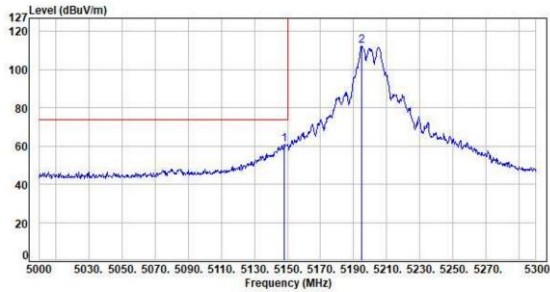
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



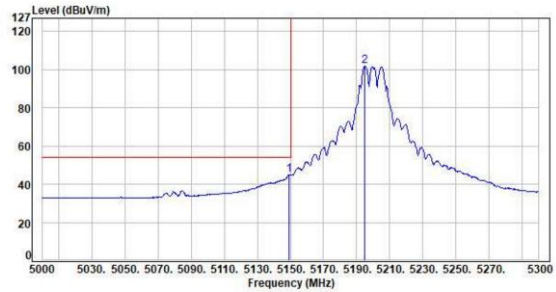
Test Mode : 2TX 11a CH40 6Mbps
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5148.20	-0.27	61.30	61.03	74.00	-12.97	Peak	100	134	P
2	5194.70	-0.64	113.26	112.62	200.00	-87.38	Peak	100	134	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

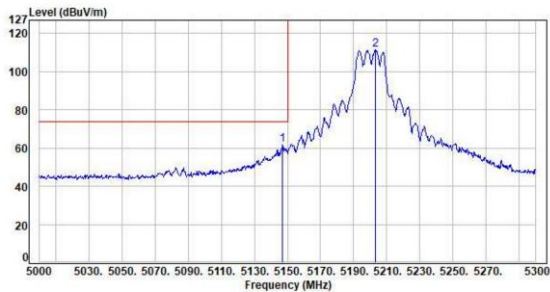
Test Mode : 2TX 11a CH40 6Mbps
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5148.40	-0.27	45.38	45.11	54.00	-8.89	Average	100	134	P
2	5195.00	-0.64	102.69	102.05	200.00	-97.95	Average	100	134	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

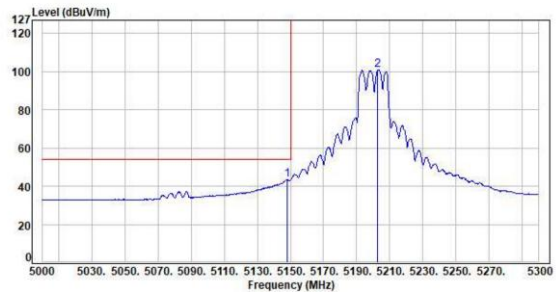
Test Mode : 2TX 11a CH40 6Mbps
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5147.00	-0.28	62.17	61.89	74.00	-12.11	Peak	100	162	P
2	5203.10	-0.69	112.23	111.54	200.00	-88.46	Peak	100	162	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH40 6Mbps
Pol : Horizontal Detector : Average

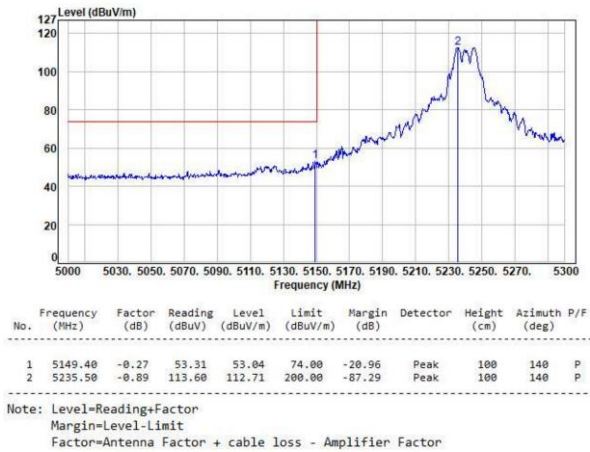


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5148.20	-0.27	43.81	43.54	54.00	-10.46	Average	100	162	P
2	5202.00	-0.69	101.73	101.04	200.00	-98.96	Average	100	162	P

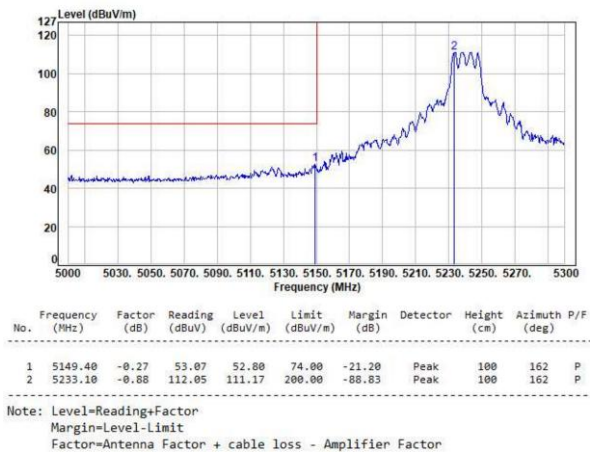
Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11a CH48 6Mbps
Pol : Vertical Detector : Peak

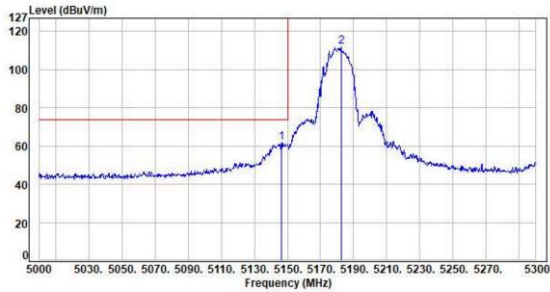


Test Mode : 2TX 11a CH48 6Mbps
Pol : Horizontal Detector : Peak





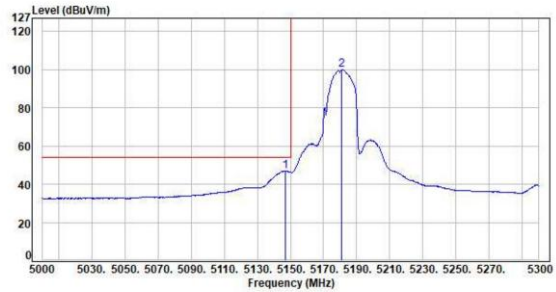
Test Mode : 2TX 11be20 CH36 NSS1 MCS0
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5146.40	-0.28	62.17	61.89	74.00	-12.11	Peak	100	140	P
2	5182.40	-0.54	112.70	112.16	200.00	-87.84	Peak	100	140	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

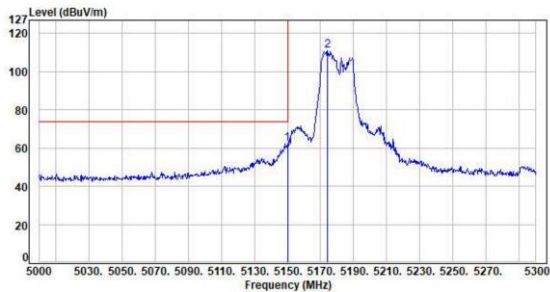
Test Mode : 2TX 11be20 CH36 NSS1 MCS0
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5147.00	-0.28	47.25	46.97	54.00	-7.03	Average	100	140	P
2	5180.90	-0.52	100.51	99.99	200.00	-100.01	Average	100	140	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

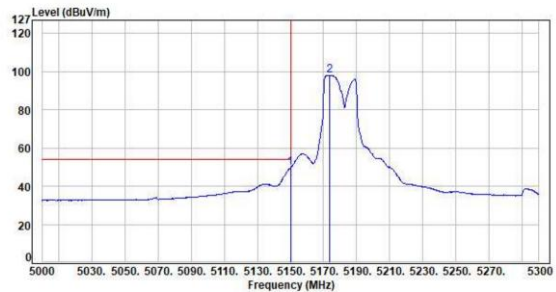
Test Mode : 2TX 11be20 CH36 NSS1 MCS0
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	-0.27	62.65	62.38	74.00	-11.62	Peak	100	162	P
2	5174.30	-0.46	111.71	111.25	200.00	-88.75	Peak	100	162	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be20 CH36 NSS1 MCS0
Pol : Horizontal Detector : Average

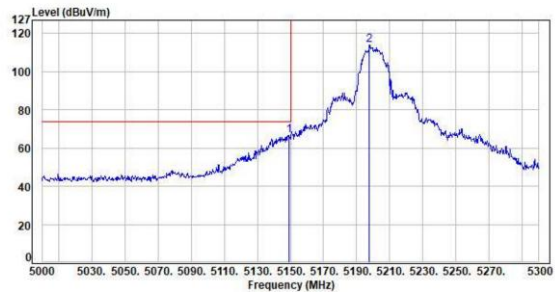


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	-0.27	50.01	49.74	54.00	-4.26	Average	100	162	P
2	5173.70	-0.46	98.72	98.26	200.00	-101.74	Average	100	162	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



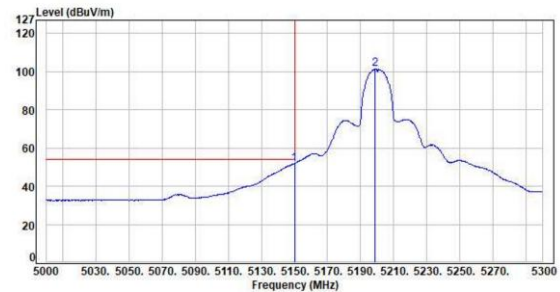
Test Mode : 2TX 11be20 CH40 NSS1 MCS0
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5149.40	-0.27	66.98	66.71	74.00	-7.29	Peak	100	134	P
2	5197.70	-0.66	114.78	114.12	200.00	-85.88	Peak	100	134	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

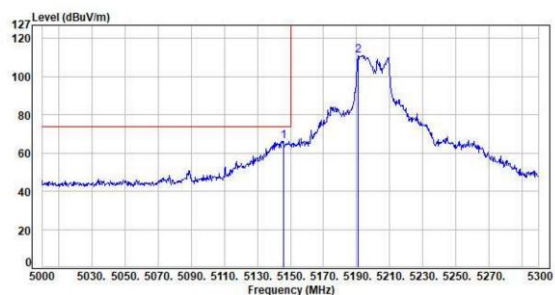
Test Mode : 2TX 11be20 CH40 NSS1 MCS0
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	-0.27	52.16	51.89	54.00	-2.11	Average	100	134	P
2	5198.90	-0.67	102.20	101.53	200.00	-98.47	Average	100	134	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

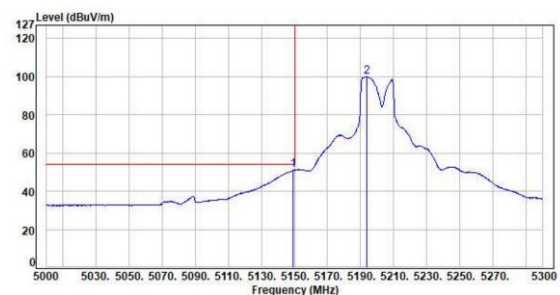
Test Mode : 2TX 11be20 CH40 NSS1 MCS0
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5145.80	-0.29	66.65	66.36	74.00	-7.64	Peak	100	164	P
2	5191.10	-0.60	111.83	111.23	200.00	-88.77	Peak	100	164	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be20 CH40 NSS1 MCS0
Pol : Horizontal Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5149.10	-0.27	51.30	51.03	54.00	-2.97	Average	100	164	P
2	5193.50	-0.62	100.59	99.97	200.00	-100.03	Average	100	164	P

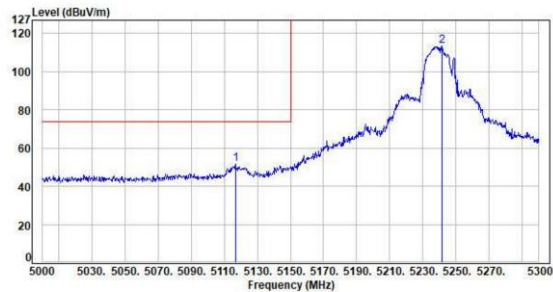
Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be20 CH48 NSS1 MCS0

Pol : Vertical

Detector : Peak



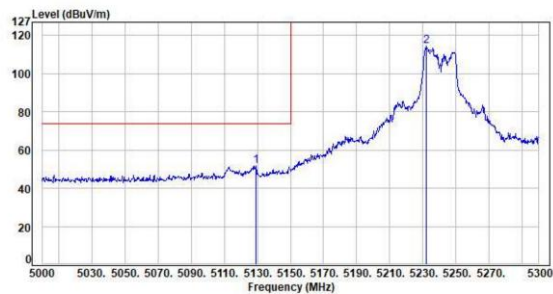
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5116.70	-0.34	51.83	51.49	74.00	-22.51	Peak	100	133	P
2	5241.58	-0.93	114.22	113.29	200.00	-86.71	Peak	100	133	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be20 CH48 NSS1 MCS0

Pol : Horizontal

Detector : Peak

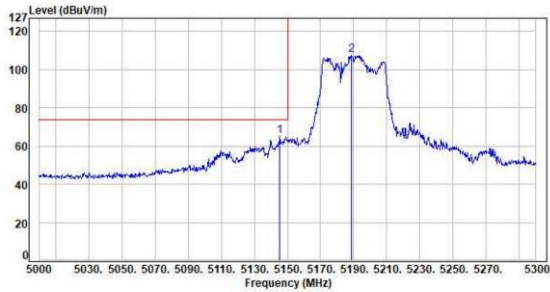


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5129.00	-0.31	51.91	51.60	74.00	-22.40	Peak	100	162	P
2	5232.20	-0.87	115.32	114.45	200.00	-85.55	Peak	100	162	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



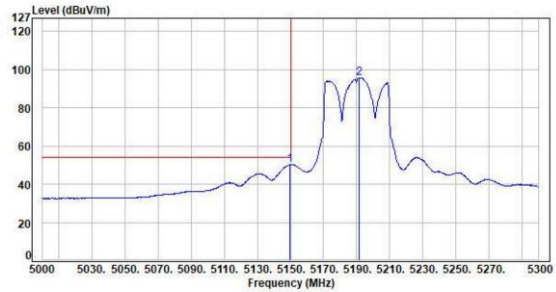
Test Mode : 2TX 11be40 CH38 NSS1 MCS0
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5145.50	-0.29	65.66	65.37	74.00	-8.63	Peak	100	138	P
2	5185.10	-0.58	108.12	107.54	200.00	-92.46	Peak	100	138	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

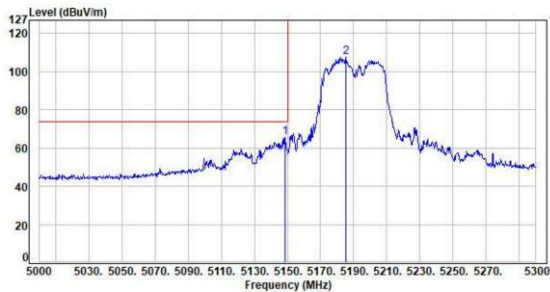
Test Mode : 2TX 11be40 CH38 NSS1 MCS0
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5149.70	-0.27	50.52	50.25	54.00	-3.75	Average	100	138	P
2	5191.70	-0.60	96.37	95.77	200.00	-104.23	Average	100	138	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

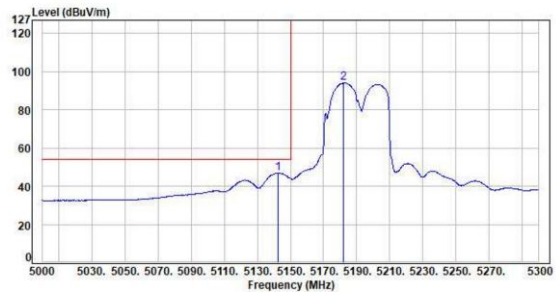
Test Mode : 2TX 11be40 CH38 NSS1 MCS0
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5148.50	-0.27	66.08	65.81	74.00	-8.19	Peak	100	160	P
2	5185.10	-0.56	108.25	107.69	200.00	-92.31	Peak	100	160	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be40 CH38 NSS1 MCS0
Pol : Horizontal Detector : Average

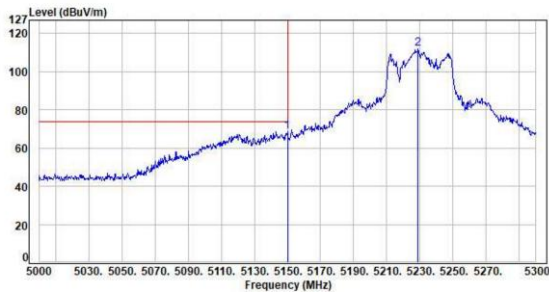


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5142.50	-0.29	47.23	46.94	54.00	-7.06	Average	100	160	P
2	5182.10	-0.54	94.69	94.15	200.00	-105.85	Average	100	160	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



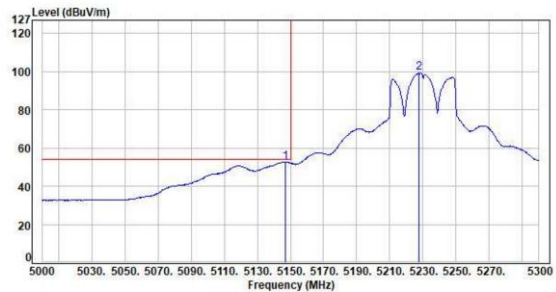
Test Mode : 2TX 11be40 CH46 NSS1 MCS0
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	-0.27	69.01	68.74	74.00	-5.26	Peak	100	133	P
2	5228.90	-0.85	112.64	111.99	200.00	-88.01	Peak	100	133	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

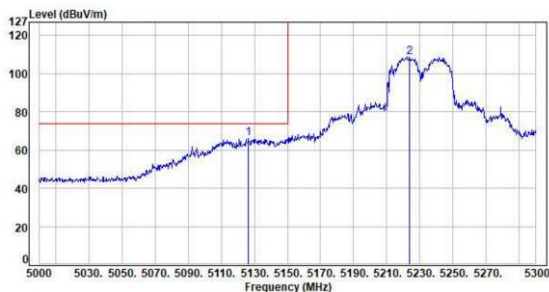
Test Mode : 2TX 11be40 CH46 NSS1 MCS0
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5146.70	-0.28	52.97	52.69	54.00	-1.31	Average	100	133	P
2	5227.70	-0.85	100.17	99.32	200.00	-100.68	Average	100	133	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

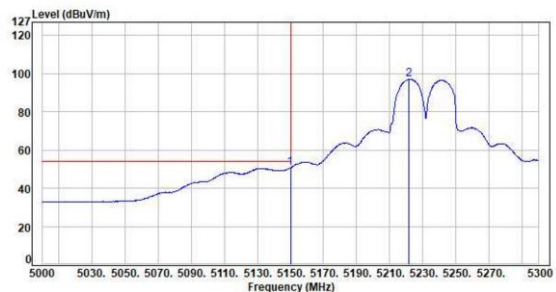
Test Mode : 2TX 11be40 CH46 NSS1 MCS0
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5126.60	-0.32	66.60	66.28	74.00	-7.72	Peak	100	157	P
2	5223.80	-0.82	109.47	108.65	200.00	-91.35	Peak	100	157	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be40 CH46 NSS1 MCS0
Pol : Horizontal Detector : Average

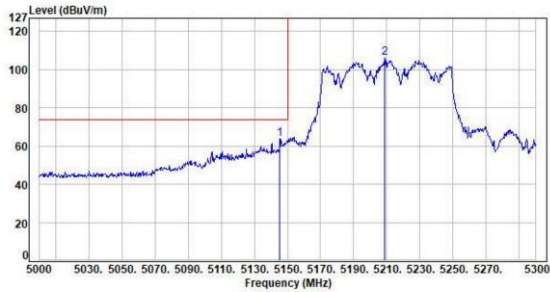


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	-0.27	50.95	50.68	54.00	-3.32	Average	100	157	P
2	5221.70	-0.81	97.90	97.09	200.00	-102.91	Average	100	157	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



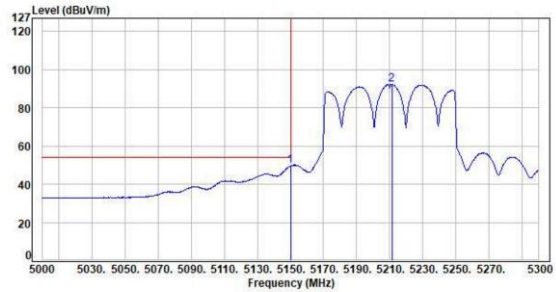
Test Mode : 2TX 11be80 CH42 NSS1 MCS0
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5145.50	-0.29	64.02	63.73	74.00	-10.27	Peak	100	135	P
2	5200.00	-0.73	106.76	106.03	200.00	-93.97	Peak	100	135	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

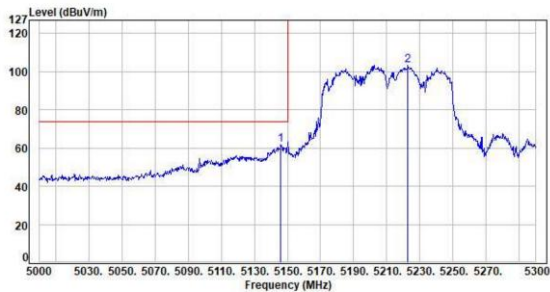
Test Mode : 2TX 11be80 CH42 NSS1 MCS0
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	-0.27	50.02	49.75	54.00	-4.25	Average	100	135	P
2	5211.20	-0.75	93.09	92.34	200.00	-107.66	Average	100	135	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

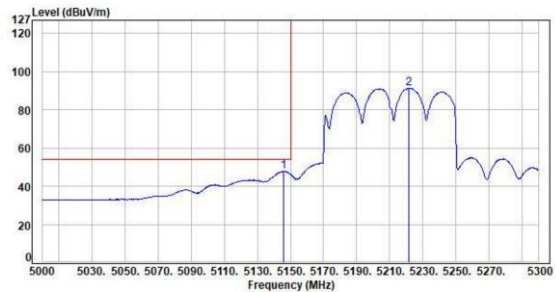
Test Mode : 2TX 11be80 CH42 NSS1 MCS0
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5146.10	-0.28	61.86	61.58	74.00	-12.42	Peak	100	163	P
2	5222.60	-0.82	104.39	103.57	200.00	-96.43	Peak	100	163	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be80 CH42 NSS1 MCS0
Pol : Horizontal Detector : Average

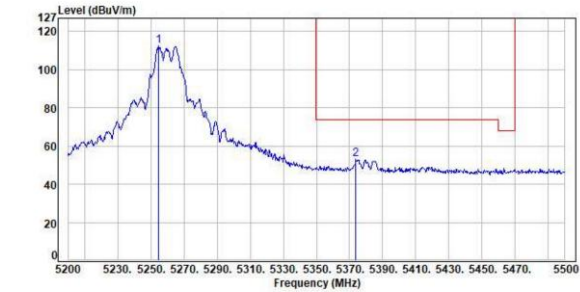


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5146.10	-0.28	48.18	47.90	54.00	-6.10	Average	100	163	P
2	5221.40	-0.81	92.17	91.36	200.00	-108.64	Average	100	163	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



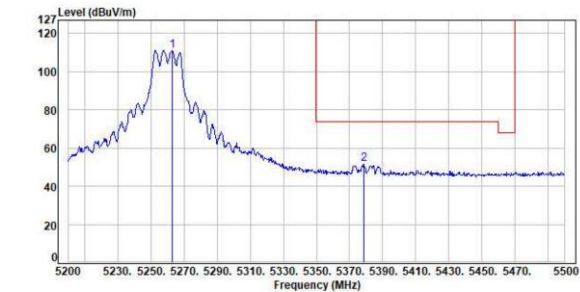
Test Mode : 2TX 11a CH52 6Mbps
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5254.60	-1.00	113.46	112.46	200.00	-87.54	Peak	100	136	P
2	5373.70	-1.09	54.14	53.05	74.00	-20.95	Peak	100	136	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH52 6Mbps
Pol : Horizontal Detector : Peak

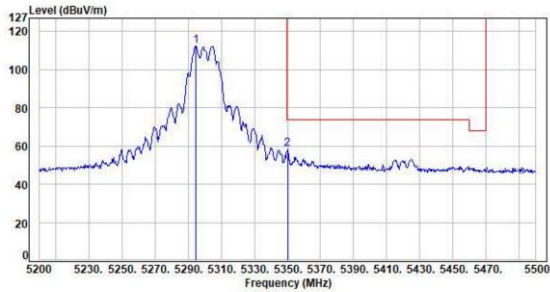


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5263.00	-1.03	112.18	111.15	200.00	-88.85	Peak	100	160	P
2	5378.50	-1.09	52.53	51.44	74.00	-22.56	Peak	100	160	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



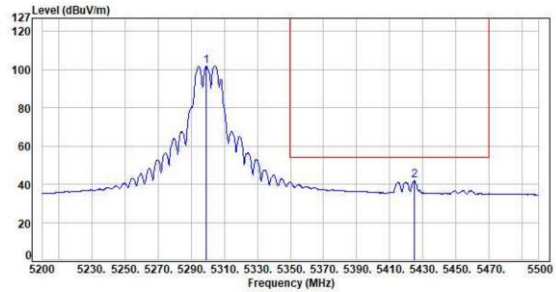
Test Mode : 2TX 11a CH60 6Mbps
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5294.50	-1.17	113.80	112.63	200.00	-87.37	Peak	109	134	P
2	5350.00	-1.09	59.51	56.42	74.00	-15.58	Peak	109	134	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

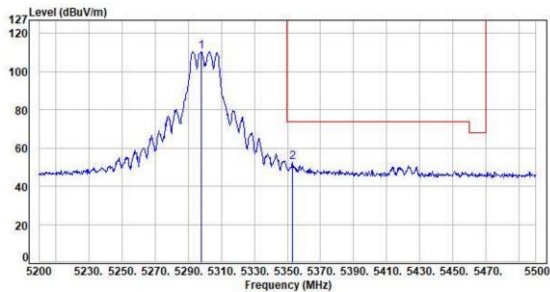
Test Mode : 2TX 11a CH60 6Mbps
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5299.30	-1.18	103.25	102.07	200.00	-97.93	Average	109	134	P
2	5425.00	-0.94	42.75	41.61	54.00	-12.19	Average	109	134	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

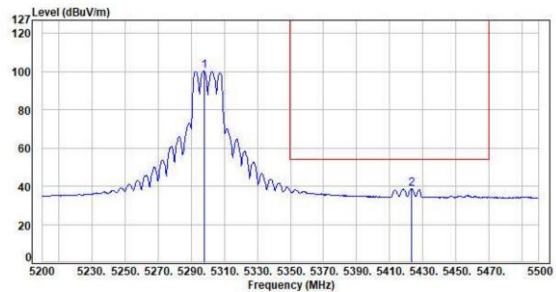
Test Mode : 2TX 11a CH60 6Mbps
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5297.80	-1.18	111.99	110.81	200.00	-89.19	Peak	100	154	P
2	5353.00	-1.09	53.50	52.41	74.00	-21.59	Peak	100	154	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH60 6Mbps
Pol : Horizontal Detector : Average

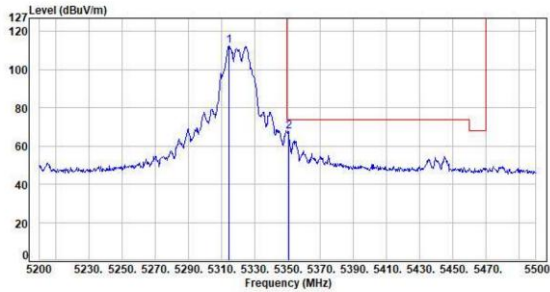


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5297.80	-1.18	101.65	100.47	200.00	-99.53	Average	100	154	P
2	5423.20	-0.96	39.66	38.70	54.00	-15.30	Average	100	154	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



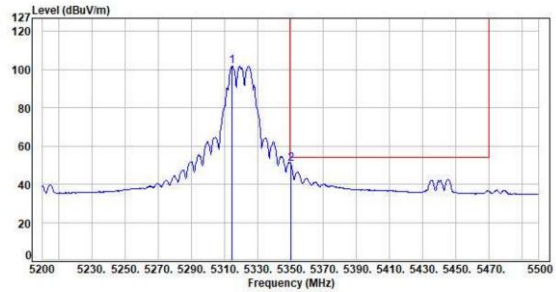
Test Mode : 2TX 11a CH64 6Mbps
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5314.60	-1.15	113.90	112.75	200.00	-87.25	Peak	104	138	P
2	5350.60	-1.09	68.09	67.00	74.00	-6.20	Peak	104	138	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

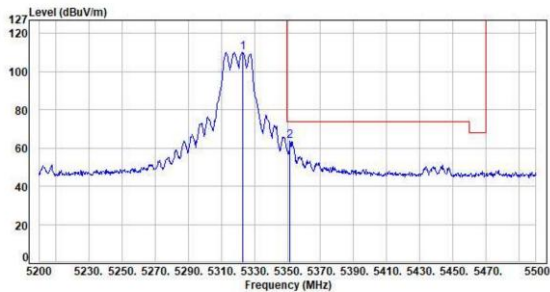
Test Mode : 2TX 11a CH64 6Mbps
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5314.90	-1.15	103.16	102.01	200.00	-97.99	Average	104	138	P
2	5350.30	-1.09	51.00	50.71	54.00	-3.29	Average	104	138	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

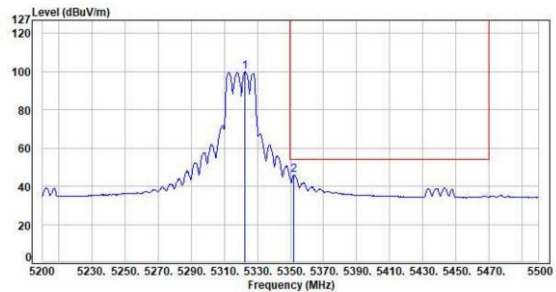
Test Mode : 2TX 11a CH64 6Mbps
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5323.30	-1.14	111.22	110.08	200.00	-89.92	Peak	100	152	P
2	5351.50	-1.09	65.00	63.91	74.00	-10.09	Peak	100	152	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH64 6Mbps
Pol : Horizontal Detector : Average

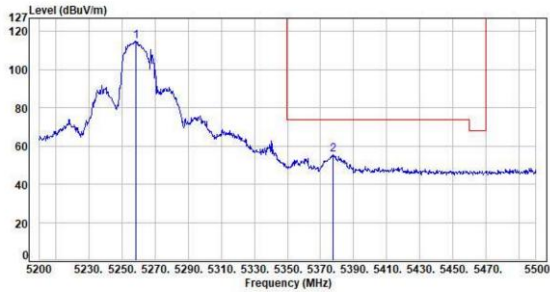


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5322.70	-1.14	101.16	100.02	200.00	-99.98	Average	100	152	P
2	5352.10	-1.09	47.00	45.91	54.00	-8.09	Average	100	152	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



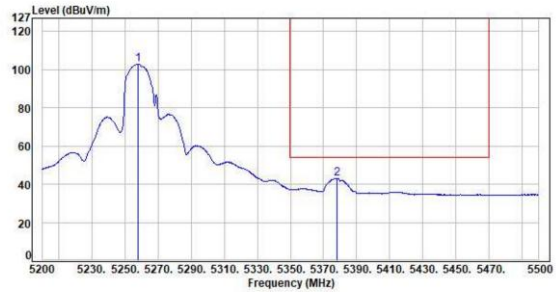
Test Mode : 2TX 11be20 CH52 NSS1 MCS0
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5250.50	-1.01	115.75	114.74	200.00	-85.26	Peak	100	132	P
2	5377.38	-1.09	56.40	55.31	74.00	-18.69	Peak	100	132	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

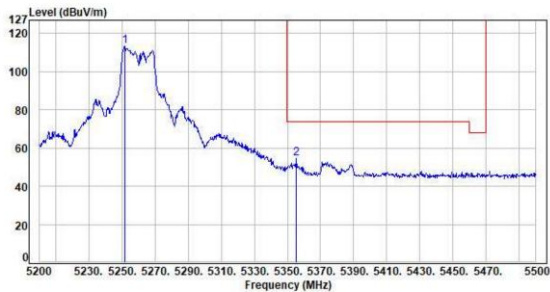
Test Mode : 2TX 11be20 CH52 NSS1 MCS0
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5250.20	-1.01	103.86	102.85	200.00	-97.15	Average	100	132	P
2	5377.90	-1.09	44.08	42.99	54.00	-11.01	Average	100	132	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

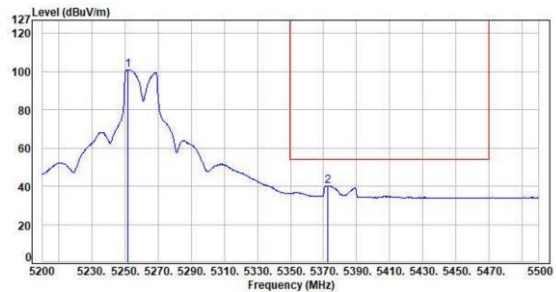
Test Mode : 2TX 11be20 CH52 NSS1 MCS0
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5251.60	-0.99	114.47	113.48	200.00	-86.52	Peak	100	161	P
2	5355.40	-1.08	55.44	54.36	74.00	-19.64	Peak	100	161	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be20 CH52 NSS1 MCS0
Pol : Horizontal Detector : Average

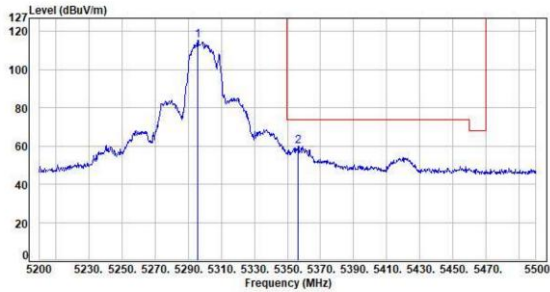


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5251.90	-0.99	102.06	101.07	200.00	-98.93	Average	100	161	P
2	5372.50	-1.09	41.35	40.26	54.00	-13.74	Average	100	161	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



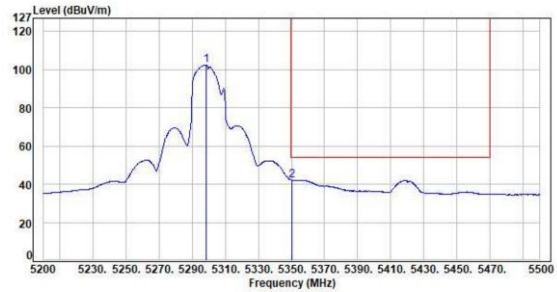
Test Mode : 2TX 11be20 CH60 NSS1 MCS0
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5296.00	-1.17	116.56	115.39	200.00	-84.61	Peak	100	132	P
2	5356.60	-1.09	61.02	59.93	74.00	-14.07	Peak	100	132	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

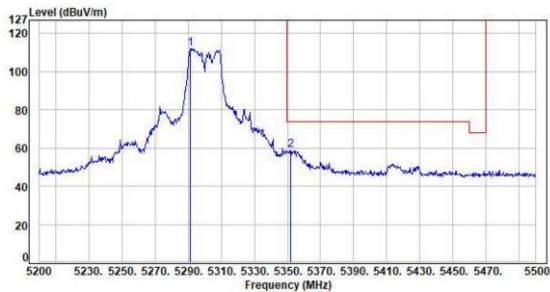
Test Mode : 2TX 11be20 CH60 NSS1 MCS0
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5298.40	-1.18	103.66	102.48	200.00	-97.52	Average	100	132	P
2	5350.30	-1.09	43.31	42.22	54.00	-11.78	Average	100	132	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

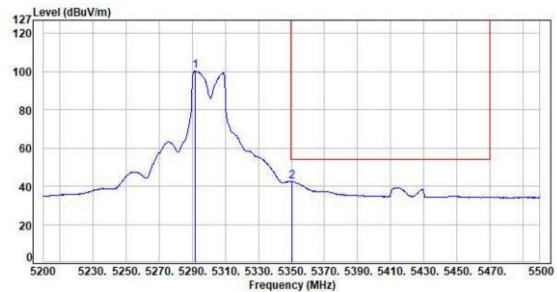
Test Mode : 2TX 11be20 CH60 NSS1 MCS0
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5291.50	-1.15	113.26	112.11	200.00	-87.89	Peak	100	160	P
2	5351.00	-1.09	59.94	58.85	74.00	-15.15	Peak	100	160	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be20 CH60 NSS1 MCS0
Pol : Horizontal Detector : Average

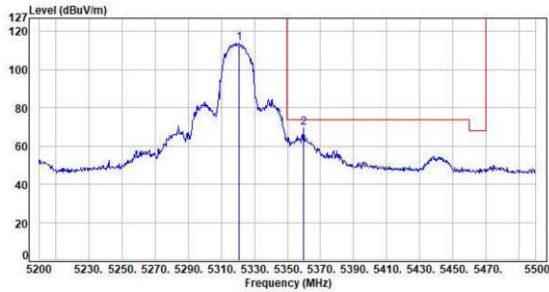


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5291.00	-1.15	101.36	100.21	200.00	-99.79	Average	100	160	P
2	5350.30	-1.09	43.56	42.47	54.00	-11.53	Average	100	160	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



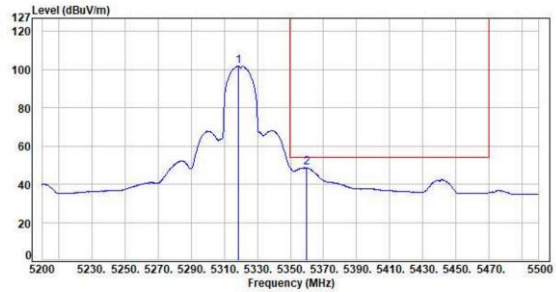
Test Mode : 2TX 11be20 CH64 NSS1 MCS0
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.60	-1.15	114.97	113.82	200.00	-86.18	Peak	100	138	P
2	5359.90	-1.09	70.67	69.58	74.00	-4.42	Peak	100	138	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

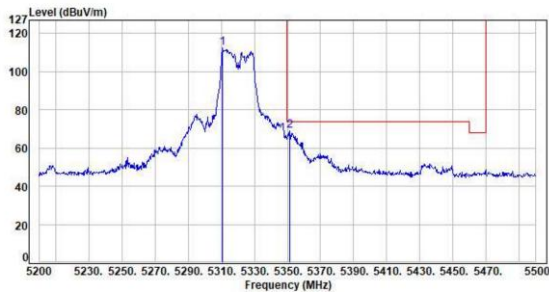
Test Mode : 2TX 11be20 CH64 NSS1 MCS0
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5318.00	-1.15	103.23	102.08	200.00	-97.92	Average	100	138	P
2	5359.90	-1.09	49.74	48.65	54.00	-5.35	Average	100	138	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

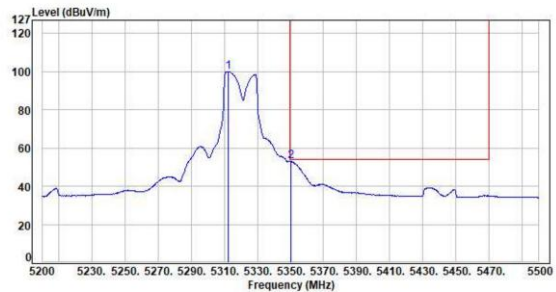
Test Mode : 2TX 11be20 CH64 NSS1 MCS0
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5311.00	-1.17	113.81	112.64	200.00	-87.36	Peak	100	160	P
2	5351.20	-1.09	70.00	68.91	74.00	-5.09	Peak	100	160	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be20 CH64 NSS1 MCS0
Pol : Horizontal Detector : Average

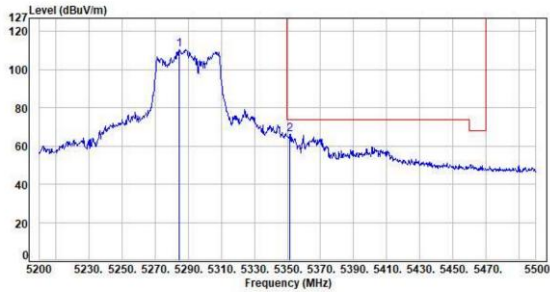


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5312.50	-1.17	101.31	100.14	200.00	-99.86	Average	100	160	P
2	5350.30	-1.09	54.00	52.91	54.00	-1.09	Average	100	160	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



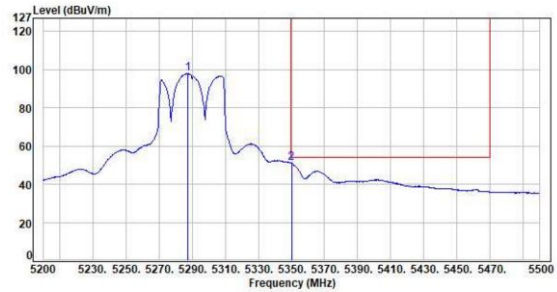
Test Mode : 2TX 11be40 CH54 NSS1 MCS0
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5284.90	-1.12	111.65	110.53	200.00	-89.47	Peak	100	132	P
2	5351.50	-1.09	67.41	66.32	74.00	-7.68	Peak	100	132	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

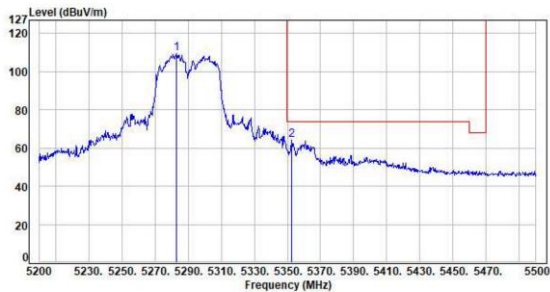
Test Mode : 2TX 11be40 CH54 NSS1 MCS0
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5287.30	-1.13	98.99	97.86	200.00	-102.14	Average	100	132	P
2	5350.00	-1.09	52.32	51.23	54.00	-2.77	Average	100	132	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

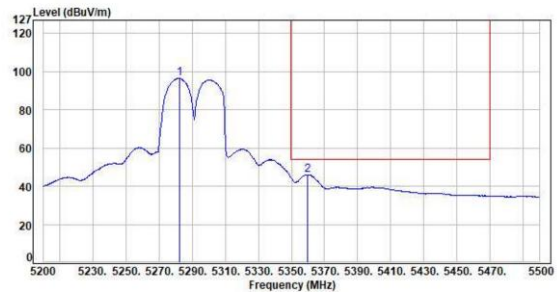
Test Mode : 2TX 11be40 CH54 NSS1 MCS0
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5283.10	-1.12	110.50	109.38	200.00	-90.62	Peak	100	161	P
2	5352.40	-1.09	65.11	64.02	74.00	-9.98	Peak	100	161	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be40 CH54 NSS1 MCS0
Pol : Horizontal Detector : Average

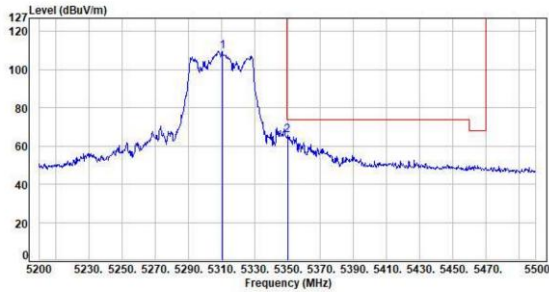


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5282.50	-1.12	97.61	96.49	200.00	-103.51	Average	100	161	P
2	5359.60	-1.09	47.16	46.07	54.00	-7.93	Average	100	161	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



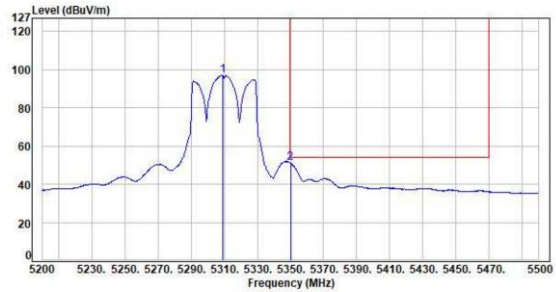
Test Mode : 2TX 11be40 CH62 NSS1 MCS0
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5310.70	-1.17	110.79	109.62	200.00	-90.38	Peak	100	137	P
2	5350.00	-1.09	66.73	65.64	74.00	-8.36	Peak	100	137	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

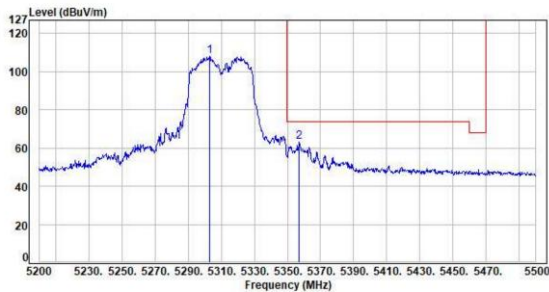
Test Mode : 2TX 11be40 CH62 NSS1 MCS0
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5309.20	-1.17	98.19	97.02	200.00	-102.98	Average	100	137	P
2	5350.00	-1.09	52.37	51.28	54.00	-2.72	Average	100	137	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

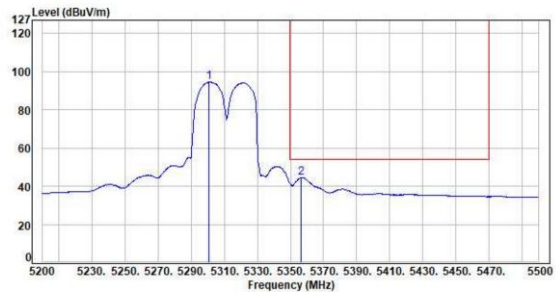
Test Mode : 2TX 11be40 CH62 NSS1 MCS0
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5303.20	-1.17	109.19	108.02	200.00	-91.98	Peak	100	162	P
2	5357.20	-1.09	64.27	63.18	74.00	-10.82	Peak	100	162	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be40 CH62 NSS1 MCS0
Pol : Horizontal Detector : Average

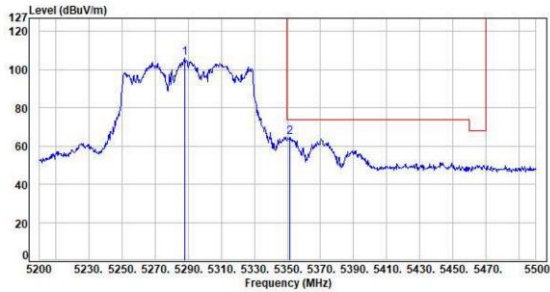


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	-1.18	95.77	94.59	200.00	-105.41	Average	100	162	P
2	5356.60	-1.09	45.59	44.50	54.00	-9.50	Average	100	162	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



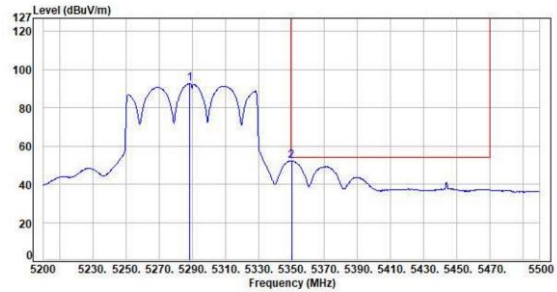
Test Mode : 2TX 11be80 CH58 NSS1 MCS0
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5287.90	-1.13	107.21	106.08	200.00	-93.92	Peak	107	136	P
2	5351.50	-1.09	65.88	64.79	74.00	-9.21	Peak	107	136	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

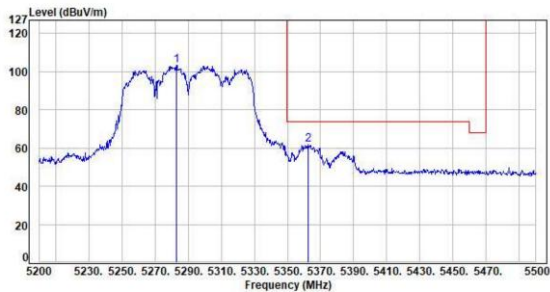
Test Mode : 2TX 11be80 CH58 NSS1 MCS0
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5288.50	-1.13	93.83	92.70	200.00	-107.30	Average	107	136	P
2	5350.00	-1.09	53.33	52.24	54.00	-1.76	Average	107	136	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

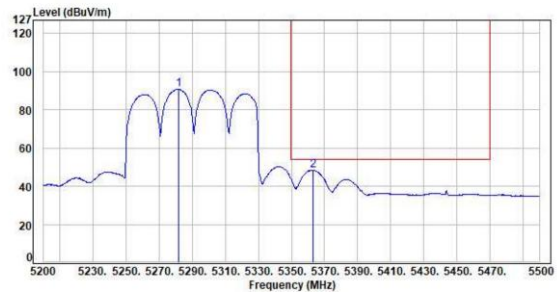
Test Mode : 2TX 11be80 CH58 NSS1 MCS0
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5283.10	-1.12	104.56	103.44	200.00	-96.56	Peak	100	160	P
2	5362.30	-1.09	62.76	61.67	74.00	-12.33	Peak	100	160	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be80 CH58 NSS1 MCS0
Pol : Horizontal Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5281.90	-1.12	91.91	90.79	200.00	-109.21	Average	100	160	P
2	5362.90	-1.09	49.53	48.44	54.00	-5.56	Average	100	160	P

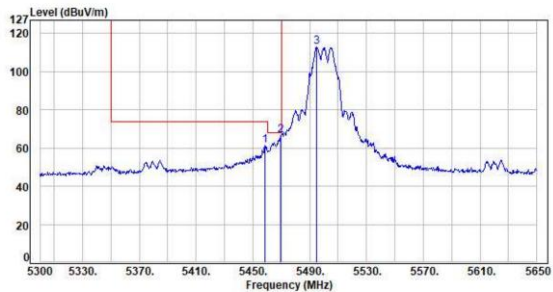
Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11a CH100 6Mbps

Pol : Vertical

Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5458.55	-0.75	62.11	61.36	74.00	-12.64	Peak	100	136	P
2	5469.75	-0.68	67.13	66.45	68.20	-1.75	Peak	100	136	P
3	5494.95	-0.53	113.60	113.07	200.00	-86.93	Peak	100	136	P

Note: Level=Reading+Factor

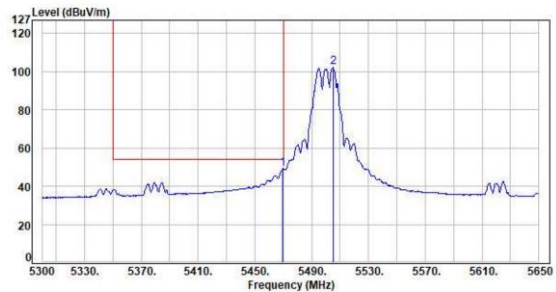
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH100 6Mbps

Pol : Vertical

Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5469.75	-0.68	49.79	49.11	54.00	-4.89	Average	100	136	P
2	5505.10	-0.51	102.65	102.14	200.00	-97.86	Average	100	136	P

Note: Level=Reading+Factor

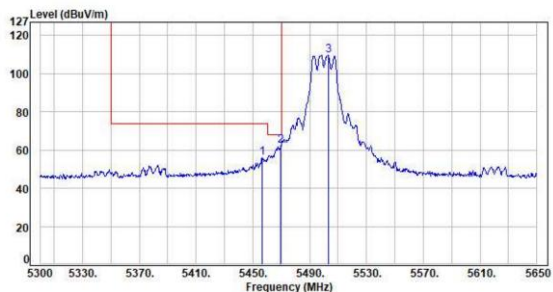
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH100 6Mbps

Pol : Horizontal

Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5456.45	-0.76	56.84	56.08	74.00	-17.92	Peak	100	155	P
2	5469.75	-0.68	63.07	62.39	68.20	-5.81	Peak	100	155	P
3	5503.00	-0.51	110.34	109.83	200.00	-90.17	Peak	100	155	P

Note: Level=Reading+Factor

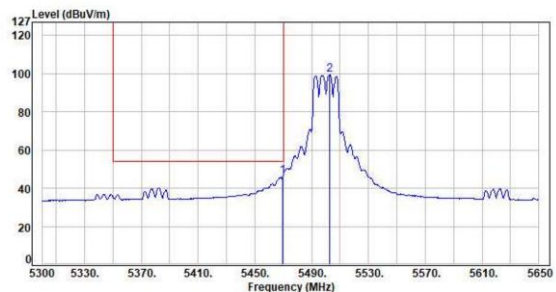
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH100 6Mbps

Pol : Horizontal

Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5469.75	-0.68	46.84	46.16	54.00	-7.84	Average	100	155	P
2	5502.65	-0.51	99.98	99.47	200.00	-100.53	Average	100	155	P

Note: Level=Reading+Factor

Margin=Level-Limit

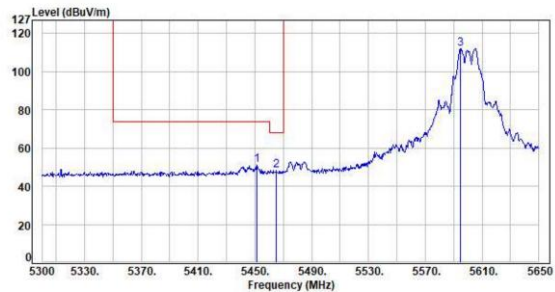
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11a CH120 6Mbps

Pol : Vertical

Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5451.55	-0.78	51.85	51.07	74.00	-22.93	Peak	100	136	P
2	5465.20	-0.71	49.23	48.52	68.20	-19.68	Peak	100	136	P
3	5594.70	-0.53	112.71	112.18	200.00	-87.82	Peak	100	136	P

Note: Level=Reading+Factor

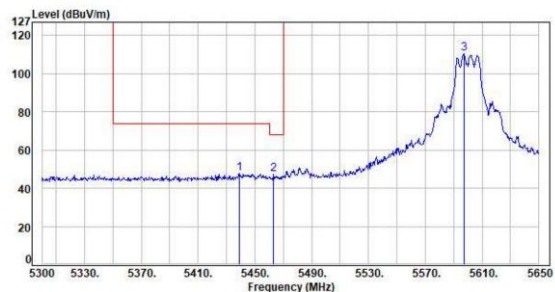
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH120 6Mbps

Pol : Horizontal

Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5438.95	-0.86	48.80	47.94	74.00	-26.06	Peak	100	142	P
2	5463.10	-0.72	48.05	47.33	68.20	-20.87	Peak	100	142	P
3	5597.50	-0.53	111.01	110.48	200.00	-89.52	Peak	100	142	P

Note: Level=Reading+Factor

Margin=Level-Limit

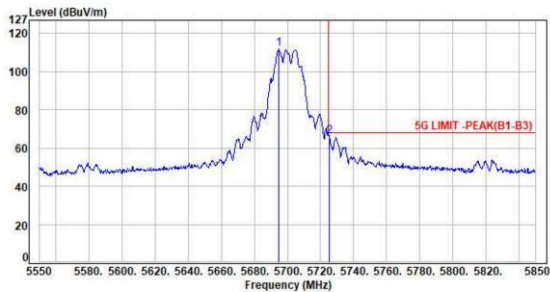
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11a CH140 6Mbps

Pol : Vertical

Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5694.90	-0.37	112.52	112.15	200.00	-87.85	Peak	100	136	P
2	5725.50	-0.39	66.38	65.99	68.20	-2.21	Peak	100	136	P

Note: Level=Reading+Factor

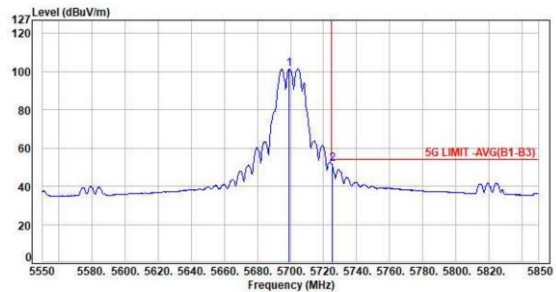
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH140 6Mbps

Pol : Vertical

Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5699.40	-0.34	101.77	101.43	200.00	-98.57	Average	100	136	P
2	5725.20	-0.39	51.83	51.44	54.00	-2.56	Average	100	136	P

Note: Level=Reading+Factor

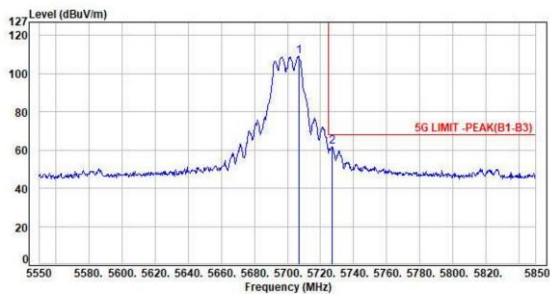
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH140 6Mbps

Pol : Horizontal

Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5706.90	-0.35	109.50	109.15	200.00	-90.85	Peak	100	144	P
2	5727.00	-0.39	62.24	61.85	68.20	-6.35	Peak	100	144	P

Note: Level=Reading+Factor

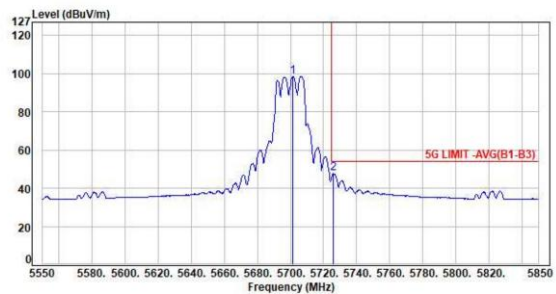
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11a CH140 6Mbps

Pol : Horizontal

Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5701.50	-0.34	99.04	98.70	200.00	-101.30	Average	100	144	P
2	5726.10	-0.39	48.01	47.62	54.00	-6.38	Average	100	144	P

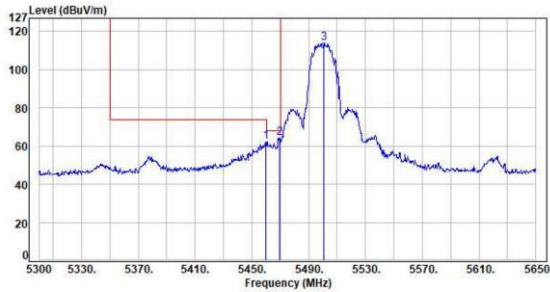
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



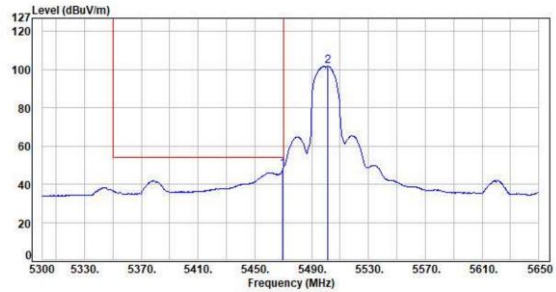
Test Mode : 2TX 11be20 CH100 NSS1 MCS0
Pol : Vertical Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5459.95	-0.74	63.15	62.41	74.00	-11.59	Peak	100	134	P
2	5469.40	-0.68	65.14	64.46	68.20	-3.74	Peak	100	134	P
3	5500.90	-0.50	114.47	113.97	200.00	-86.03	Peak	100	134	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

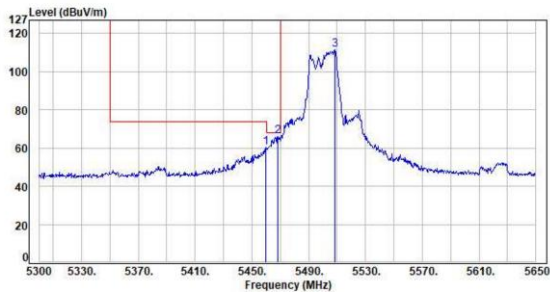
Test Mode : 2TX 11be20 CH100 NSS1 MCS0
Pol : Vertical Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5469.75	-0.68	48.69	48.01	54.00	-5.99	Average	100	134	P
2	5501.25	-0.50	102.49	101.99	200.00	-98.01	Average	100	134	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

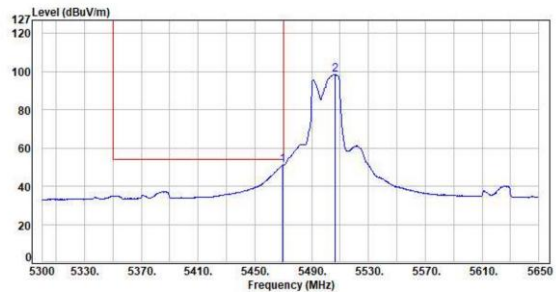
Test Mode : 2TX 11be20 CH100 NSS1 MCS0
Pol : Horizontal Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5459.60	-0.74	61.30	60.56	74.00	-13.44	Peak	100	142	P
2	5468.00	-0.68	66.87	66.19	68.20	-2.01	Peak	100	142	P
3	5508.25	-0.52	111.93	111.41	200.00	-88.59	Peak	100	142	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be20 CH100 NSS1 MCS0
Pol : Horizontal Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5469.75	-0.68	51.77	51.09	54.00	-2.91	Average	100	142	P
2	5506.50	-0.52	98.93	98.41	200.00	-101.59	Average	100	142	P

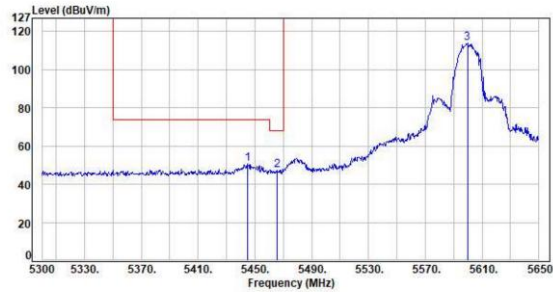
Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be20 CH120 NSS1 MCS0

Pol : Vertical

Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5444.55	-0.83	51.42	50.59	74.00	-23.41	Peak	100	135	P
2	5465.55	-0.70	47.91	47.21	68.20	-20.99	Peak	100	135	P
3	5599.60	-0.52	114.38	113.86	200.00	-86.14	Peak	100	135	P

Note: Level=Reading+Factor

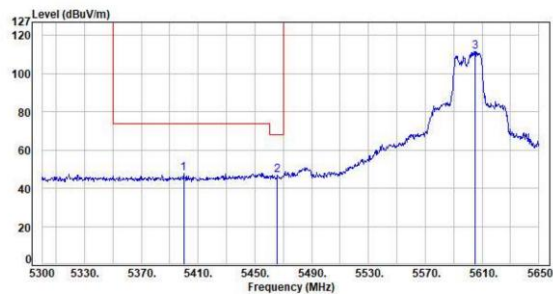
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be20 CH120 NSS1 MCS0

Pol : Horizontal

Detector : Peak



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5399.75	-1.09	48.94	47.85	74.00	-26.15	Peak	100	143	P
2	5465.90	-0.69	47.56	46.87	68.20	-21.33	Peak	100	143	P
3	5605.20	-0.52	112.24	111.72	200.00	-88.28	Peak	100	143	P

Note: Level=Reading+Factor

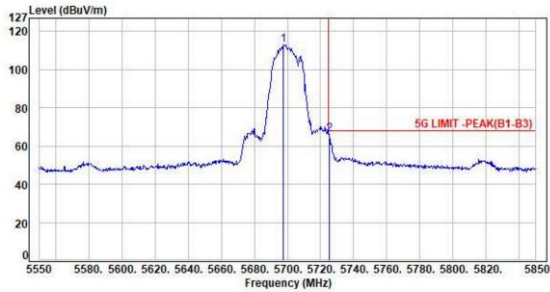
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11be20 CH140 NSS1 MCS0
Pol : Vertical

Detector : Peak

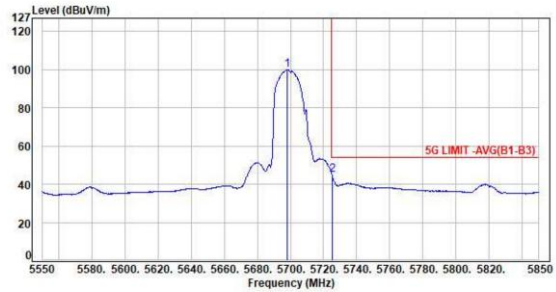


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5697.30	-0.36	113.38	113.02	200.00	-86.98	Peak	100	136	P
2	5725.20	-0.39	66.65	66.26	68.20	-1.94	Peak	100	136	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be20 CH140 NSS1 MCS0
Pol : Vertical

Detector : Average

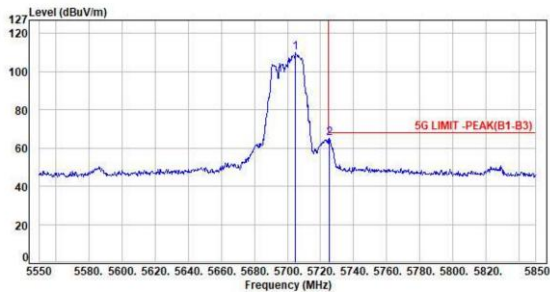


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5698.20	-0.35	100.39	100.04	200.00	-99.96	Average	100	136	P
2	5725.20	-0.39	45.20	44.81	54.00	-9.19	Average	100	136	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be20 CH140 NSS1 MCS0
Pol : Horizontal

Detector : Peak

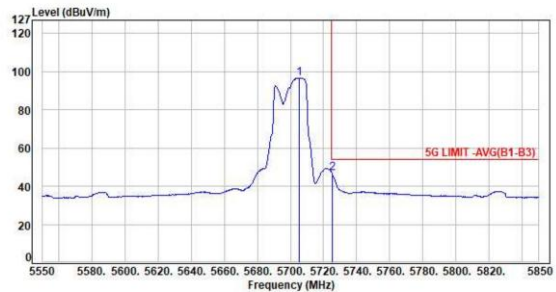


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5704.80	-0.34	110.44	110.10	200.00	-89.90	Peak	100	140	P
2	5725.20	-0.39	65.54	65.15	68.20	-3.05	Peak	100	140	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Test Mode : 2TX 11be20 CH140 NSS1 MCS0
Pol : Horizontal

Detector : Average



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5705.10	-0.34	97.15	96.81	200.00	-103.19	Average	100	140	P
2	5725.20	-0.39	47.10	46.71	54.00	-7.29	Average	100	140	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor