

TEST REPORT

Applicant: TECNO MOBILE LIMITED

Address: FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE
19-25 SHAN MEI STREET FOTAN NT HONGKONG

Product Name: Mobile Phone

FCC ID: 2ADYY-LK7

Standard(s): 47 CFR Part 2, 47 CFR Part 22, Subpart H
47 CFR Part 24, Subpart E ,47 CFR Part 27
ANSI C63.26-2015

Report Number: 2602R09298E-RF-00JM1

Report Date: 2026/6/2

The above device has been tested and found compliant with the requirement of the relevant standards by Bay Area Compliance Laboratories Corp. (Dongguan).

Alice Tan

Reviewed By: Alice Tan

Title: RF Engineer

Pedro Yun

Approved By: Pedro Yun

Title: RF Supervisor

Bay Area Compliance Laboratories Corp. (Dongguan)
No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China

Tel: +86-769-86858888

Fax: +86-769-86858891

www.baclcorp.com.cn

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2602R09298E-RF-00J	Original Report	2026/5/8
2.0	2602R09298E-RF-00JM1	Correct the company name	2026/6/2

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	Mobile Phone
EUT Model:	LK7
Operation Bands and modes:	5G NR Band 5: 824-849 MHz 5G NR Band 7: 2500-2570 MHz 5G NR Band 12: 699-716MHz 5G NR Band 38: 2570-2620MHz 5G NR Band 41: 2496-2690MHz 5G NR Band 66: 1710-1780MHz 5G NR Band 77_1: 3450-3550MHz 5G NR Band 77_3: 3700-3980MHz 5G NR Band 78_1: 3450-3550MHz 5G NR Band 78_3: 3700-3800MHz
EN DC possible combinations	DC_2A_n7A, DC_4A_n7A, DC_5A_n7A, DC_7A_n7A, DC_66A_n7A, DC_5A_n38A, DC_66A_n38A, DC_4A_n41A, DC_5A_n41A, DC_41A_n41A, DC_66A_n41A, DC_2A_n66A, DC_5A_n66A, DC_7A_n66A, DC_12A_n66A, DC_66A_n66A, DC_5A_n77A, DC_7A_n77A, DC_41A_n77A, DC_66A_n77A, DC_2A_n78A, DC_4A_n78A, DC_5A_n78A, DC_7A_n78A, DC_38A_n78A, DC_41A_n78A, DC_66A_n78A
Modulation Type:	DFT-s-OFDM: $\pi/2$ BPSK, QPSK, 16QAM, 64QAM, 256QAM CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM
Rated Input Voltage:	DC 3.92V from Battery or DC 9V from Adapter
Serial Number:	For Radiated Spurious Emissions test: 3J02-4 For RF Conducted Test: 3J02-1
EUT Received Date:	2026/3/27
EUT Received Status:	Good
Note: 1. For NSA mode, we only show the combination of the maximum power among all NSA combinations in the report as below: DC_5A_n7A, DC_5A_n38A, DC_5A_n41A, DC_5A_n77A, DC_5A_n78A, DC_12A_n66A. 2. The device is an End User Device.	

1.2 Accessory Information

Accessory Description	Manufacturer	Model	Parameters
Adapter	TECNO MOBILITY LIMITED	U45TSB	Input: AC 100~240V, 50/60Hz, 1.8A Output: DC 5V 3A 15W or 5-10V 4.5A or 11V 4.1A 45W MAX

1.3 Operation Voltage (V_{DC}) ▲

Lowest:	3.0	Normal:	3.92	Highest:	4.53
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1.4 Transmission Antenna Information ▲

Antenna	Antenna Type	Operation Bands	Antenna Frequency Range (MHz)	Antenna Gain (Gr) (dBi)	Lc (dB)
ANT 0	LDS	NR n77_1	3450-3550	-6.33	0
		NR n77_3	3700-3980	-6.33	0
		NR n78_1	3450-3550	-6.33	0
		NR n78_3	3700-3800	-6.33	0
ANT 1		NR n5	824-849	-7.99	0.1
		NR n12	699-716	-7.64	0.1
ANT 2		NR n7	2500-2570	-4.09	0.3
		NR n38	2570-2620	-4.09	0.3
		NR n41	2496-2690	-4.09	0.3
		NR n66	1710-1780	-3.52	0.2
ANT 3		NR n5	824-849	-3.18	0
		NR n12	699-716	-4.91	0
		NR n77_1	3450-3550	-3.02	0
		NR n77_3	3700-3980	-3.02	0
		NR n78_1	3450-3550	-3.02	0
		NR n78_3	3700-3800	-3.02	0
ANT 5		NR n7	2500-2570	-3.08	0
		NR n38	2570-2620	-3.08	0
		NR n41	2496-2690	-3.08	0
		NR n66	1710-1780	-2.91	0
		NR n77_1	3450-3550	-5.31	0
		NR n77_3	3700-3980	-5.31	0
		NR n78_1	3450-3550	-5.31	0
		NR n78_3	3700-3800	-5.31	0
ANT 6		NR n77_1	3450-3550	-2.74	0
		NR n77_3	3700-3980	-2.74	0
		NR n78_1	3450-3550	-2.74	0
		NR n78_3	3700-3800	-2.74	0
Note: 1. Lc= Signal Attenuation in the connecting cable between the transmitter and antenna, in dB. 2. All Band support multi-antenna transmission can be switched, and the maximum antenna gain is calculated.					

1.5 Equipment Modifications

No modifications are made to the EUT during all test items.

2. SUMMARY OF TEST RESULTS

Rules	Description of Test	Result
FCC§2.1046; § 22.913;§ 24.232; §27.50	RF Output Power	Compliant
FCC§ 2.1047	Modulation Characteristics	Not Applicable
FCC§ 2.1049; § 22.905, §22.917; § 24.238; §27.53	Occupied Bandwidth	Compliant
FCC§ 2.1051;§ 22.917; § 24.238; §27.53	Spurious Emissions at Antenna Terminal	Compliant
FCC§ 22.917; § 24.238; §27.53	Out of band emission, Band Edge	Compliant
FCC§ 2.1055;§ 22.355; § 24.235	Frequency stability vs. temperature Frequency stability vs. voltage	Compliant
FCC§ 2.1053§ 22.917; § 24.238; §27.53	Radiated Spurious Emission	Compliant

3. DESCRIPTION OF TEST CONFIGURATION

3.1 EUT Operation Condition:

The EUT was configured for testing according to ANSI C63.26-2015.

The test items were performed with the EUT operating at testing mode. The device operates on 5G NR n5/n7/n12/n38/n41/n66/n77_1/ n77_3/ n78_1/ n78_3, test was performed with channels as below table:

Frequency Bands	SCS (kHz)	Bandwidth (MHz)	Test Frequency (MHz)		
			Low	Middle	High
n5	15	5	826.5	836.5	846.5
	15, 30	10	829	836.5	844
	15, 30	15	831.5	836.5	841.5
	15, 30	20	834	836.5	839
n7	15	5	2502.5	2535	2567.5
	15, 30	10	2505	2535	2565
	15, 30	15	2507.5	2535	2562.5
	15, 30	20	2510	2535	2560
	15, 30	25	2512.5	2535	2557.5
	15, 30	30	2515	2535	2555
	15, 30	40	2520	2535	2550
	15, 30	50	2525	2535	2545
n12	15	5	701.5	707.5	713.5
	15, 30	10	704	707.5	711
	15, 30	15	706.5	707.5	708.5
n38	15	5	2572.5	2595	2617.5
	15, 30	10	2575	2595	2615
	15, 30	15	2577.5	2595	2612.5
	15, 30	20	2580	2595	2610
	15, 30	25	2582.5	2595	2607.5
	15, 30	30	2585	2595	2605
	15, 30	40	2590	2595	2600
n41	15, 30	10	2501.01	2592.99	2685
	15, 30	15	2503.5	2592.99	2682.48
	15, 30	20	2506.02	2592.99	2679.99
	15, 30	30	2511	2592.99	2674.98
	15, 30	40	2516.01	2592.99	2670
	15, 30	50	2521.02	2592.99	2664.99
	15	60	2526	2592.99	2659.98
	15	70	2531.01	2592.99	2655
	15	80	2536.02	2592.99	2649.99
	15	90	2541	2592.99	2644.98
	15	100	2546.01	2592.99	2640

Frequency Bands	SCS (kHz)	Bandwidth (MHz)	Test Frequency (MHz)		
			Low	Middle	High
n66	15	5	1712.5	1745	1777.5
	15, 30	10	1715	1745	1775
	15, 30	15	1717.5	1745	1772.5
	15, 30	20	1720	1745	1770
	15, 30	25	1722.5	1745	1767.5
	15, 30	30	1725	1745	1765
	15, 30	40	1730	1745	1760
n77_1	15, 30	10	3455	3500	3545
	15, 30	15	3457.5	3500	3542.5
	15, 30	20	3460	3500	3540
	15, 30	25	3462.5	3500	3537.5
	15, 30	30	3465	3500	3535
	15, 30	40	3470	3500	3530
	15, 30	50	3475	3500	3525
	30	60	3480	3500	3520
	30	70	3485	3500	3515
	30	80	3490	3500	3510
	30	90	3495	3500	3505
	30	100	/	3500	/
n77_3	15, 30	10	3705	3840	3975
	15, 30	15	3707.5	3840	3972.5
	15, 30	20	3710	3840	3970
	15, 30	25	3712.5	3840	3967.5
	15, 30	30	3715	3840	3965
	15, 30	40	3720	3840	3960
	15, 30	50	3725	3840	3955
	30	60	3730	3840	3950
	30	70	3735	3840	3945
	30	80	3740	3840	3940
	30	90	3745	3840	3935
	30	100	3750	3840	3930
n78_1	15, 30	10	3455	3500	3545
	15, 30	15	3457.5	3500	3542.5
	15, 30	20	3460	3500	3540
	15, 30	25	3462.5	3500	3537.5
	15, 30	30	3465	3500	3535
	15, 30	40	3470	3500	3530
	15, 30	50	3475	3500	3525
	30	60	3480	3500	3520
	30	70	3485	3500	3515
	30	80	3490	3500	3510
	30	90	3495	3500	3505
	30	100	/	3500	/

Frequency Bands	SCS (kHz)	Bandwidth (MHz)	Test Frequency (MHz)		
			Low	Middle	High
n78_3	15, 30	10	3705	3750	3795
	15, 30	15	3707.5	3750	3792.5
	15, 30	20	3710	3750	3790
	15, 30	25	3712.5	3750	3787.5
	15, 30	30	3715	3750	3785
	15, 30	40	3720	3750	3780
	15, 30	50	3725	3750	3775
	30	60	3730	3750	3770
	30	70	3735	3750	3765
	30	80	3740	3750	3760
	30	90	3745	3750	3755
	30	100	/	3750	/

Note:

1. The device support SCS 15kHz and 30kHz, they have same output power, so only SCS 15kHz was tested for FDD Band, and SCS 30kHz tested for TDD band except that the n38 5MHz Bandwidth only supports SCS 15kHz, so only N38 5MHz Bandwidth tests the SCS 15kHz.
2. For modulation of CP-OFDM and DFT-s-OFDM, the maximum power of CP-OFDM is lower than DFT-s-OFDM modulation, therefore, we chose higher power (DFT-s-OFDM modulation) to perform all tests and show in the report.

3.2 Support Equipment List and Details

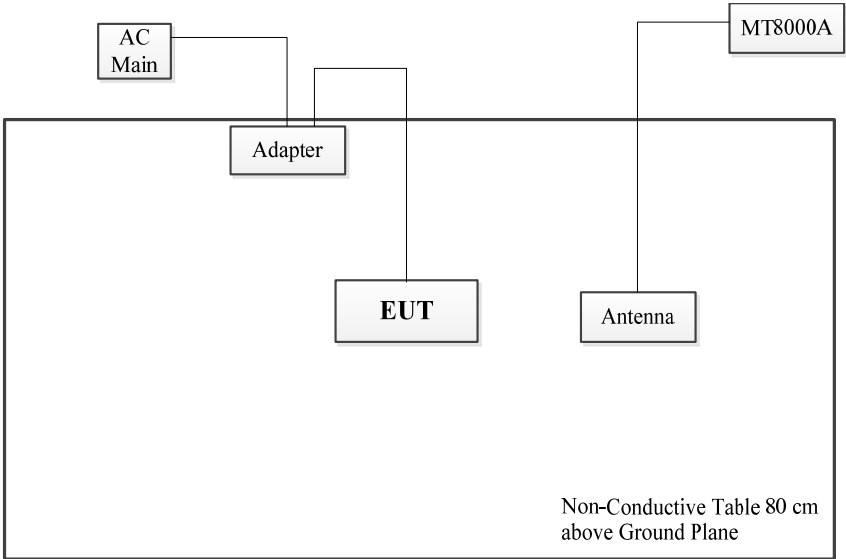
Manufacturer	Description	Model	Serial Number
Unknown	Antenna	Unknown	Unknown
Anritsu	Radio Communication Test Station	MT8000A	6272709229

3.3 Support Cable List and Details

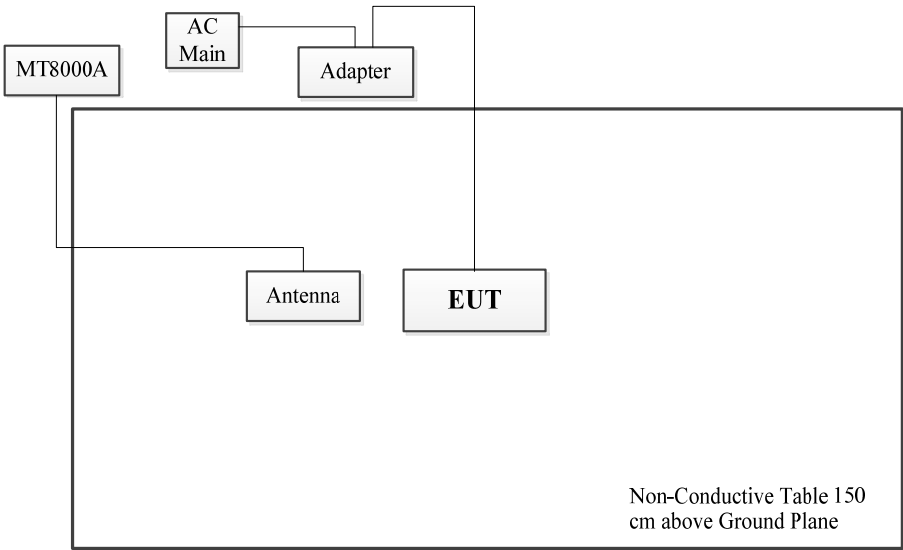
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
USB Cable	No	No	1	Adapter	EUT
Signal Cable	no	no	3	Antenna	Radio Communication Test Station

3.4 Block Diagram of Test Setup

Radiated Spurious emissions:
Below 1G:



Above 1G:



3.5 Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No.: 829273, the FCC Designation No.: CN5044.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

3.6 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.55 dB
Power Spectral Density, conducted	±0.55 dB
Unwanted Emissions, radiated	30MHz~1GHz: 5.12 dB, 1GHz~18GHz: 5.61 dB, 18GHz~26.5GHz: 5.33 dB, 26.5GHz~40GHz: 5.33 dB
Unwanted Emissions, conducted	±2.47 dB
Temperature	±1 °C
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%
RF Frequency	±0.076×10 ⁻⁶

4. REQUIREMENTS AND TEST PROCEDURES

4.1 Transmitter output power and equivalent radiated power:

4.1.1 Applicable Standard

FCC §22.913

(a)(5) The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7watts.

(d) *Power measurement.* Measurement of the ERP of Cellular base transmitters and repeaters must be made using an average power measurement technique. The peak-to-average ratio (PAR) of the transmission must not exceed 13 dB. Power measurements for base transmitters and repeaters must be made in accordance with either of the following:

- (1) A Commission-approved average power technique (see FCC Laboratory's Knowledge Database); or
- (2) For purposes of this section, peak transmit power must be measured over an interval of continuous transmission using instrumentation calibrated in terms of an rmseivalent voltage. The measurement results shall be properly adjusted for any instrument limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, etc., so as to obtain a true peak measurement for the emission in question over the full bandwidth of the channel.

FCC §24.232

(c) Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

(d) Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of § 24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

FCC §27.50

(a)(3) *Mobile and portable stations.*

(i) For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, *except that* for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth. For mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands. Mobile and portable stations using FDD technology are restricted to transmitting in the 2305-2315 MHz band. Power averaging shall not include intervals in which the transmitter is off.

(ii) Mobile and portable stations are not permitted to transmit in the 2315-2320 MHz and 2345-2350 MHz bands.

(iii) *Automatic transmit power control.* Mobile and portable stations transmitting in the 2305-2315 MHz band or in the 2350-2360 MHz band must employ automatic transmit power control when operating so the stations operate with the minimum power necessary for successful communications.

(iv) *Prohibition on external vehicle-mounted antennas.* The use of external vehicle-mounted antennas for mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band is prohibited.

(b)(10) Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

(c)(10) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

(d)(4) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

(h) The following power limits shall apply in the BRS and EBS:

(2) Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

(k) The following power requirements apply to stations transmitting in the 3450-3550 MHz band:

(3) Mobile devices are limited to 1 Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

(4) Equipment employed must be authorized in accordance with the provisions of § 27.51. Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph(k)(5) of this section. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

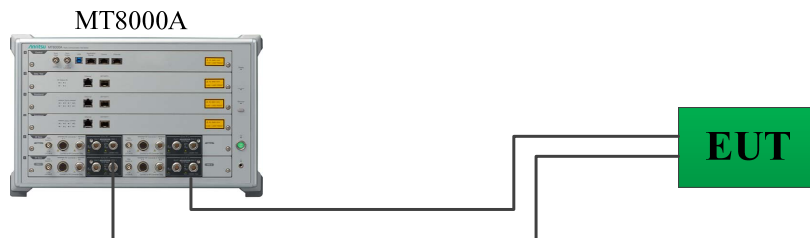
(j) The following power requirements apply to stations transmitting in the 3700-3980 MHz band:

(3) Mobile and portable stations are limited to 1 Watt EIRP. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

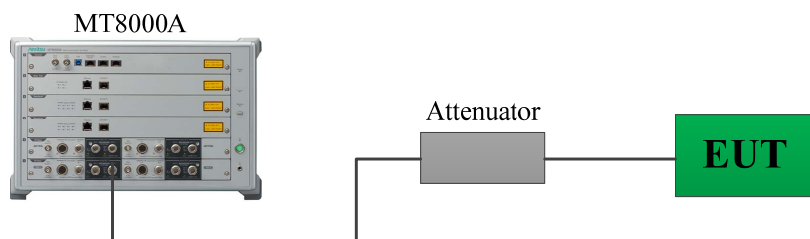
4.1.2 Test Setup Block

For RF Output Power:

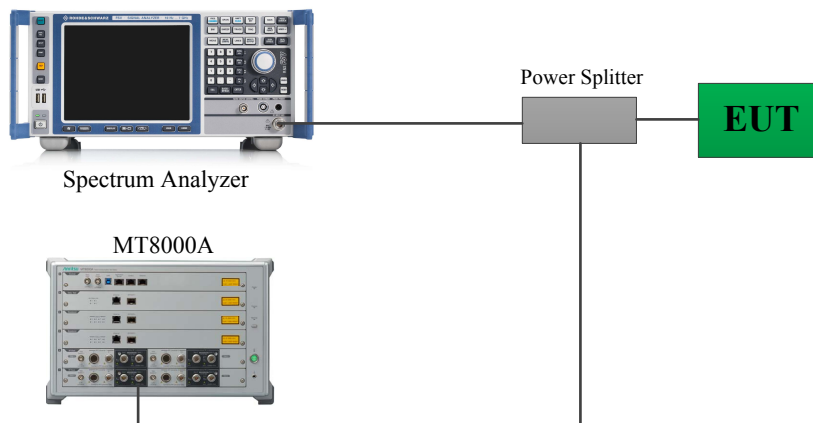
For NSA:



For SA:



Note: The Insertion loss of the RF cable and coaxial Attenuator was offset into the Reading of MT8000A.

For PAR:

Note: The Insertion loss of the RF cable and Power Splitter was offset into the Reading of Spectrum Analyzer.

4.1.3 Test Procedure

For RF Output Power:

According to CFR Part 2.1046, ANSI C63.26-2015 Section 5.2.5.5:

Connect the instrument and the EUT according to the Test Setup Block, and then read the Test results on the CMW500/Wireless Communication Test Set.

For PAR:

According to ANSI C63.26-2015 Section 5.2.3.4:

- Set resolution/measurement bandwidth $\geq$ OBW or specified reference bandwidth.
- Set the number of counts to a value that stabilizes the measured CCDF curve.
- Set the measurement interval as follows:
 - For continuous transmissions, set to the greater of $[10 \times (\text{number of points in sweep}) \times (\text{transmission symbol period})]$ or 1 ms.
 - For burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize. Set the measurement interval to a time that is less than or equal to the burst duration.
 - If there are several carriers in a single antenna port, the peak power shall be determined for each individual carrier (by disabling the other carriers while measuring the required carrier) and the total peak power calculated from the sum of the individual carrier peak powers.
- Record the maximum PAPR level associated with a probability of 0.1%.
- The peak power level is calculated from the sum of the PAPR value from step d) to the measured average power.

4.1.4 Test Results

Please refer to section 5.1.

4.2 Occupied Bandwidth

4.2.1 Applicable Standard

FCC §22.917

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a reference bandwidth as follows:

(1) In the spectrum below 1 GHz, instrumentation should employ a reference bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy, provided that the measured power is integrated over the full required reference bandwidth (i.e., 100 kHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(2) In the spectrum above 1 GHz, instrumentation should employ a reference bandwidth of 1 MHz

FCC §24.238

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications Service.

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(c) Alternative out of band emission limit. Licensees in this service may establish an alternative out of band emission limit to be used at specified band edge(s) in specified geographical areas, in lieu of that set forth in this section, pursuant to a private contractual arrangement of all affected licensees and applicants. In this event, each party to such contract shall maintain a copy of the contract in their station files and disclose it to prospective assignees or transferees and, upon request, to the FCC.

(d) Interference caused by out of band emissions. If any emission from a transmitter operating in this service results in interference to users of another radio service, the FCC may require a greater attenuation of that emission than specified in this section.

FCC §27.53

(a) For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz;

(ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and 70 + $10 \log (P)$ dB below 2288 MHz;

(iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

(c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to – 70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and – 80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

(h) AWS emission limits

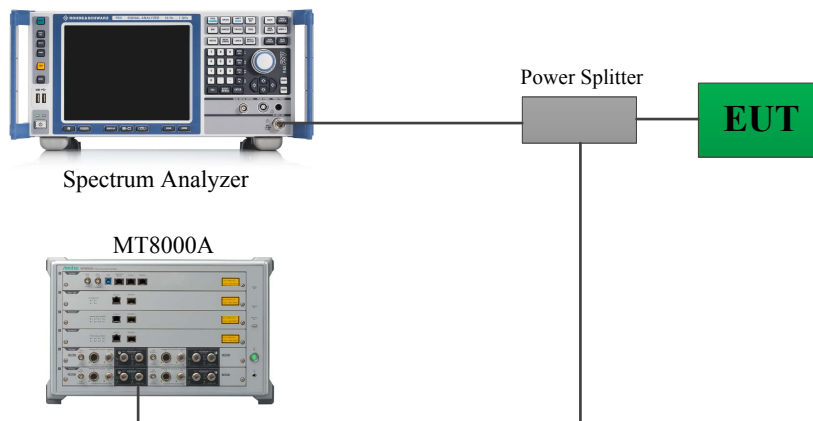
(1) **General protection levels.** Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

(m)(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

(l) 3.7 GHz Service. The following emission limits apply to stations transmitting in the 3700-3980 MHz band:

(2) For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

4.2.2 Test Setup Block



Note: The Insertion loss of the RF cable and Power Splitter was offset into the Reading of Spectrum Analyzer.

4.2.3 Test Procedure

According to ANSI C63.26-2015 Section 5.4.4

The OBW is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission.

The following procedure shall be used for measuring (99%) power bandwidth:

- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (typically a span of $1.5 \times \text{OBW}$ is sufficient).
- b) The nominal IF filter 3 dB bandwidth (RBW) shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set $\geq 3 \times \text{RBW}$.
- c) Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation. See guidance provided in 4.2.3.
NOTE—Step a), step b), and step c) may require iteration to adjust within the specified tolerances.
- d) Set the detection mode to peak, and the trace mode to max-hold.
- e) If the instrument does not have a 99% OBW function, recover the trace data points and sum directly in linear power terms. Place the recovered amplitude data points, beginning at the lowest frequency, in a running sum until 0.5% of the total is reached. Record that frequency as the lower OBW frequency. Repeat the process until 99.5% of the total is reached and record that frequency as the upper OBW frequency. The 99% power OBW can be determined by computing the difference these two frequencies.
- f) The OBW shall be reported and plot(s) of the measuring instrument display shall be provided with the test report. The frequency and amplitude axis and scale shall be clearly labeled. Tabular data can be reported in addition to the plot(s).

4.2.4 Test Results

Please refer to section 5.1.

4.3 Frequency stability

4.3.1 Applicable Standard

FCC §2.1055

(a) The frequency stability shall be measured with variation of ambient temperature as follows:

(1) From -30° to $+50^{\circ}$ centigrade for all equipment except that specified in paragraphs (a) (2) and (3) of this section.

(2) From -20° to $+50^{\circ}$ centigrade for equipment to be licensed for use in the Maritime Services under part 80 of this chapter, except for Class A, B, and S Emergency Position Indicating Radiobeacons (EPIRBS), and equipment to be licensed for use above 952 MHz at operational fixed stations in all services, stations in the Local Television Transmission Service and Point-to-Point Microwave Radio Service under part 21 of this chapter, equipment licensed for use aboard aircraft in the Aviation Services under part 87 of this chapter, uncrewed aircraft stations (as defined in § 88.5 of this chapter) in the Uncrewed Aircraft System Services under part 88 of this chapter, and equipment authorized for use in the Family Radio Service under part 95 of this chapter.

(3) From 0° to $+50^{\circ}$ centigrade for equipment to be licensed for use in the Radio Broadcast Services under part 73 of this chapter.

(b) Frequency measurements shall be made at the extremes of the specified temperature range and at intervals of not more than 10° centigrade through the range. A period of time sufficient to stabilize all of the components of the oscillator circuit at each temperature level shall be allowed prior to frequency measurement. The short term transient effects on the frequency of the transmitter due to keying (except for broadcast transmitters) and any heating element cycling normally occurring at each ambient temperature level also shall be shown. Only the portion or portions of the transmitter containing the frequency determining and stabilizing circuitry need be subjected to the temperature variation test.

(c) In addition to all other requirements of this section, the following information is required for equipment incorporating heater type crystal oscillators to be used in mobile stations, for which type acceptance is first requested after March 25, 1974, except for battery powered, hand carried, portable equipment having less than 3 watts mean output power.

(1) Measurement data showing variation in transmitter output frequency from a cold start and the elapsed time necessary for the frequency to stabilize within the applicable tolerance. Tests shall be made after temperature stabilization at each of the ambient temperature levels; the lower temperature limit, 0° centigrade and $+30^{\circ}$ centigrade with no primary power applied.

(2) Beginning at each temperature level specified in paragraph (c)(1) of this section, the frequency shall be measured within one minute after application of primary power to the transmitter and at intervals of no more than one minute thereafter until ten minutes have elapsed or until sufficient measurements are obtained to indicate clearly that the frequency has stabilized within the applicable tolerance, whichever time period is greater. During each test, the ambient temperature shall not be allowed to rise more than 10° centigrade above the respective beginning ambient temperature level.

(3) The elapsed time necessary for the frequency to stabilize within the applicable tolerance from each beginning ambient temperature level as determined from the tests specified in this paragraph shall be specified in the instruction book for the transmitter furnished to the user.

(4) When it is impracticable to subject the complete transmitter to this test because of its physical dimensions or power rating, only its frequency determining and stabilizing portions need be tested.

(d) The frequency stability shall be measured with variation of primary supply voltage as follows:

(1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment.

(2) For hand carried, battery powered equipment, reduce primary supply voltage to the battery operating end point which shall be specified by the manufacturer.

(3) The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided. Effects on frequency of transmitter keying (except for broadcast transmitters) and any heating element cycling at the nominal supply voltage and at each extreme also shall be shown.

(e) When deemed necessary, the Commission may require tests of frequency stability under conditions in addition to those specifically set out in [paragraphs \(a\), \(b\), \(c\), and \(d\)](#) of this section. (For example measurements showing the effect of proximity to large metal objects, or of various types of antennas, may be required for portable equipment.)

FCC §22.355

Except as otherwise provided in this part, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table C-1 of this section.

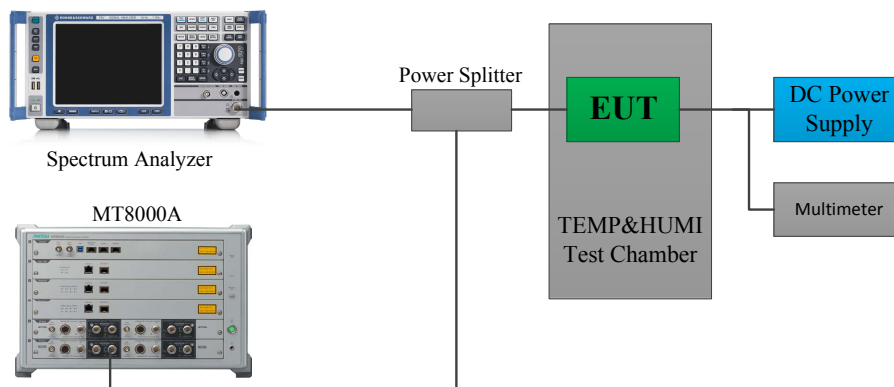
Table C-1 - Frequency Tolerance for Transmitters in the Public Mobile Services

Frequency range (MHz)	Base, fixed (ppm)	Mobile >3 watts (ppm)	Mobile ≤3 watts (ppm)
25 to 50	20	20	50
50 to 450	5	5	50
450 to 512	2.5	5	5
821 to 896	1.5	2.5	2.5
928 to 929	5	n/a	n/a
929 to 960	1.5	n/a	n/a
2110 to 2220	10	n/a	n/a

FCC §24.235

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

4.3.2 Test Setup Block



Note: The Insertion loss of the RF cable and Power Splitter was offset into the Reading of Spectrum Analyzer.

4.3.3 Test Procedure

According to ANSI C63.26-2015 Section 5.6:

Frequency stability is a measure of the frequency drift due to temperature and supply voltage variations, with reference to the frequency measured at +20 °C and rated supply voltage.

The operating carrier frequency shall be set up in accordance with the manufacturer's published operation and instruction manual prior to the commencement of these tests. No adjustment of any frequency determining circuit element shall be made subsequent to this initial set-up. Frequency stability is tested:

- a) At 10 °C intervals of temperatures between –30 °C and +50 °C at the manufacturer's rated supply voltage, and
- b) At +20 °C temperature and ±15% supply voltage variations. If a product is specified to operate over a range of input voltage then the –15% variation is applied to the lowermost voltage and the +15% is applied to the uppermost voltage.

During the test all necessary settings, adjustments and control of the EUT have to be performed without disturbing the test environment, i.e., without opening the environmental chamber. The frequency stabilities can be maintained to a lesser temperature range provided that the transmitter is automatically inhibited from operating outside the lesser temperature range. For handheld equipment that is only capable of operating from internal batteries and the supply voltage cannot be varied, the frequency stability tests shall be performed at the nominal battery voltage and the battery end point voltage specified by the manufacturer. An external supply voltage can be used and set at the internal battery nominal voltage, and again at the battery operating end point voltage which shall be specified by the equipment manufacturer.

If an unmodulated carrier is not available, the mean frequency of a modulated carrier can be obtained by using a frequency counter with gating time set to an appropriately large multiple of bit periods (gating time depending on the required accuracy). Full details on the choice of values shall be included in the test report.

4.3.4 Test Results

Please refer to section 5.1.

4.4 Transmitter unwanted emissions-at antenna terminals

4.4.1 Applicable Standard

FCC §22.917

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a reference bandwidth as follows:

(1) In the spectrum below 1 GHz, instrumentation should employ a reference bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy, provided that the measured power is integrated over the full required reference bandwidth (i.e., 100 kHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(2) In the spectrum above 1 GHz, instrumentation should employ a reference bandwidth of 1 MHz

FCC §24.238

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications Service.

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(c) Alternative out of band emission limit. Licensees in this service may establish an alternative out of band emission limit to be used at specified band edge(s) in specified geographical areas, in lieu of that set forth in this section, pursuant to a private contractual arrangement of all affected licensees and applicants. In this event, each party to such contract shall maintain a copy of the contract in their station files and disclose it to prospective assignees or transferees and, upon request, to the FCC.

(d) Interference caused by out of band emissions. If any emission from a transmitter operating in this service results in interference to users of another radio service, the FCC may require a greater attenuation of that emission than specified in this section.

FCC §27.53

(a) For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log(P)$ dB on all frequencies between 2328 and 2337 MHz;

(ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz;

(iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

(c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

(h) AWS emission limits

(1) **General protection levels.** Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

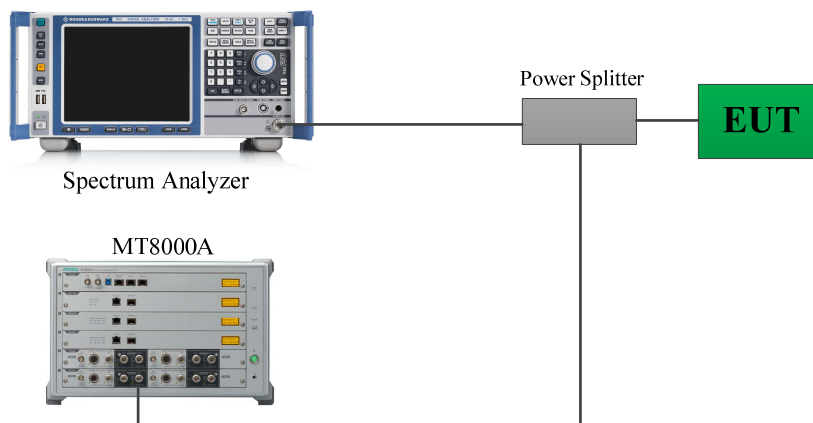
(m)(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may

also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

(1) 3.7 GHz Service. The following emission limits apply to stations transmitting in the 3700-3980 MHz band:

(2) For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed – 13 dBm/MHz. Compliance with this paragraph (1)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

4.4.2 Test Setup Block



Note: The Insertion loss of the RF cable and Power Splitter was offset into the Reading of Spectrum Analyzer.

4.4.3 Test Procedure

According to ANSI C63.26-2015 Section 5.7.4:

the applicable rule part specifies the reference bandwidth for measuring unwanted emission levels (typically, 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GHz),⁸ effectively depicting the unwanted emission limit in terms of a power spectral density. In those cases where no reference bandwidth is explicitly specified, the values in the preceding sentence should be used.

4.4.4 Test Results

Please refer to section 5.1.

4.5 Transmitter unwanted emissions-Out of band emission

4.5.1 Applicable Standard

FCC §22.917

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a reference bandwidth as follows:

(1) In the spectrum below 1 GHz, instrumentation should employ a reference bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy, provided that the measured power is integrated over the full required reference bandwidth (i.e., 100 kHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(2) In the spectrum above 1 GHz, instrumentation should employ a reference bandwidth of 1 MHz

FCC §24.238

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications Service.

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(c) Alternative out of band emission limit. Licensees in this service may establish an alternative out of band emission limit to be used at specified band edge(s) in specified geographical areas, in lieu of that set forth in this section, pursuant to a private contractual arrangement of all affected licensees and applicants. In this event, each party to such contract shall maintain a copy of the contract in their station files and disclose it to prospective assignees or transferees and, upon request, to the FCC.

(d) Interference caused by out of band emissions. If any emission from a transmitter operating in this service results in interference to users of another radio service, the FCC may require a greater attenuation of that emission than specified in this section.

FCC §27.53

(a) For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log(P)$ dB on all frequencies between 2328 and 2337 MHz;

(ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz;

(iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

(c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

(h) AWS emission limits

(1) **General protection levels.** Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

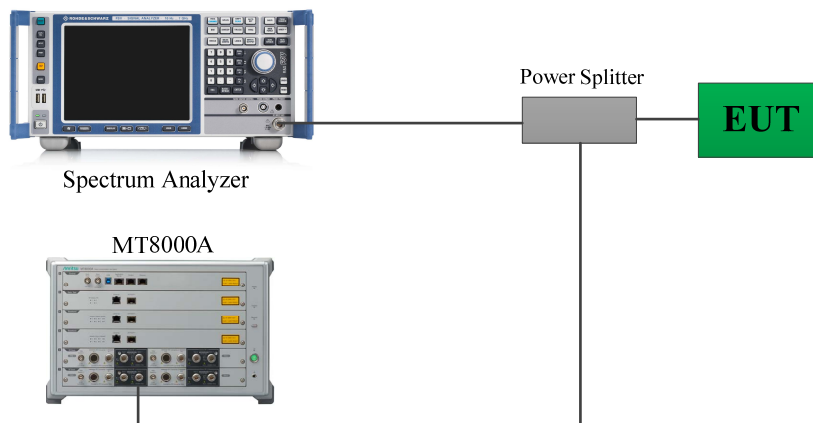
(m)(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may

also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

(1) 3.7 GHz Service. The following emission limits apply to stations transmitting in the 3700-3980 MHz band:

(2) For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed – 13 dBm/MHz. Compliance with this paragraph (1)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

4.5.2 Test Setup Block



Note: The Insertion loss of the RF cable and Power Splitter was offset into the Reading of Spectrum Analyzer.

4.5.3 Test Procedure

According to ANSI C63.26-2015 Section 5.7.3:

Typically, a measurement (resolution) bandwidth smaller than the reference bandwidth is allowed for measurements within a specified frequency range at the edge of the authorized frequency block/band (e.g., within the first Y MHz outside of the authorized frequency band/block, where the value of Y is specified in the relevant rule part). Some FCC out-of-band emission rules permit the use of a narrower RBW (typically limited to a minimum RBW of 1 % of the OBW) for measuring the out-of-band emissions without a requirement to integrate the result over the full reference bandwidth. Beyond the specified frequency range in which this relaxation of the uniform reference bandwidth is permitted, it typically is also acceptable to use a narrower RBW (again limited to a minimum of 1 % of OBW) to increase accuracy, but the measurement result must subsequently be integrated over the full reference bandwidth.

4.5.4 Test Results

Please refer to section 5.1.

4.6 Transmitter unwanted emissions-Radiated Spurious emissions:

4.6.1 Applicable Standard

FCC §22.917

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a reference bandwidth as follows:

(1) In the spectrum below 1 GHz, instrumentation should employ a reference bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy, provided that the measured power is integrated over the full required reference bandwidth (i.e., 100 kHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(2) In the spectrum above 1 GHz, instrumentation should employ a reference bandwidth of 1 MHz

FCC §24.238

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications Service.

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

(b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

(c) Alternative out of band emission limit. Licensees in this service may establish an alternative out of band emission limit to be used at specified band edge(s) in specified geographical areas, in lieu of that set forth in this section, pursuant to a private contractual arrangement of all affected licensees and applicants. In this event, each party to such contract shall maintain a copy of the contract in their station files and disclose it to prospective assignees or transferees and, upon request, to the FCC.

(d) Interference caused by out of band emissions. If any emission from a transmitter operating in this service results in interference to users of another radio service, the FCC may require a greater attenuation of that emission than specified in this section.

FCC §27.53

(a) For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: $43 + 10 \log(P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log(P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log(P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies

between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz;

(ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz;

(iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

(c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

(h) AWS emission limits

(1) **General protection levels.** Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.

(m)(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB

at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

(l) 3.7 GHz Service. The following emission limits apply to stations transmitting in the 3700-3980 MHz band:

(2) For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed – 13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

4.6.2 Test setup

According to ANSI C63.26-2015 Section 5.5.3:

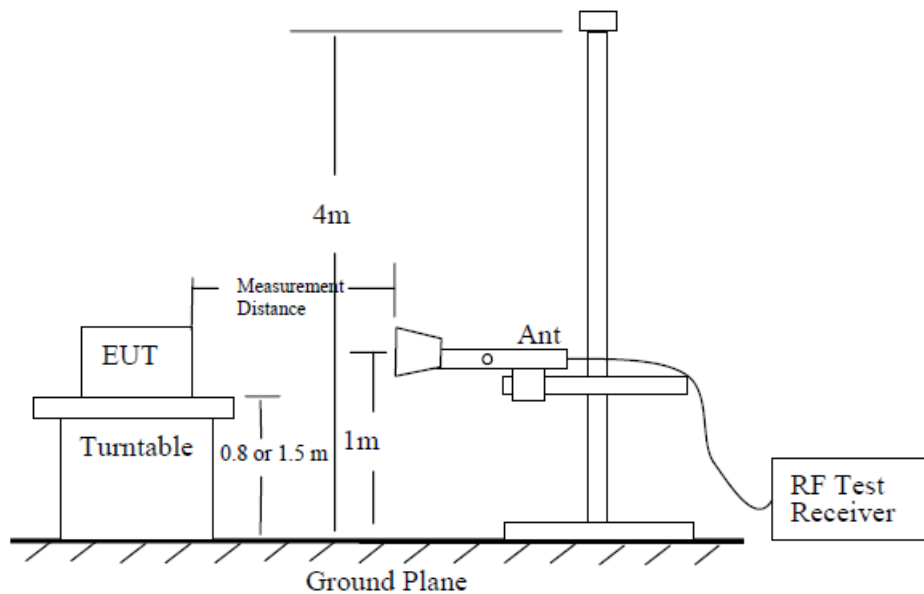


Figure 6 —Test site-up for radiated ERP and/or EIRP measurements

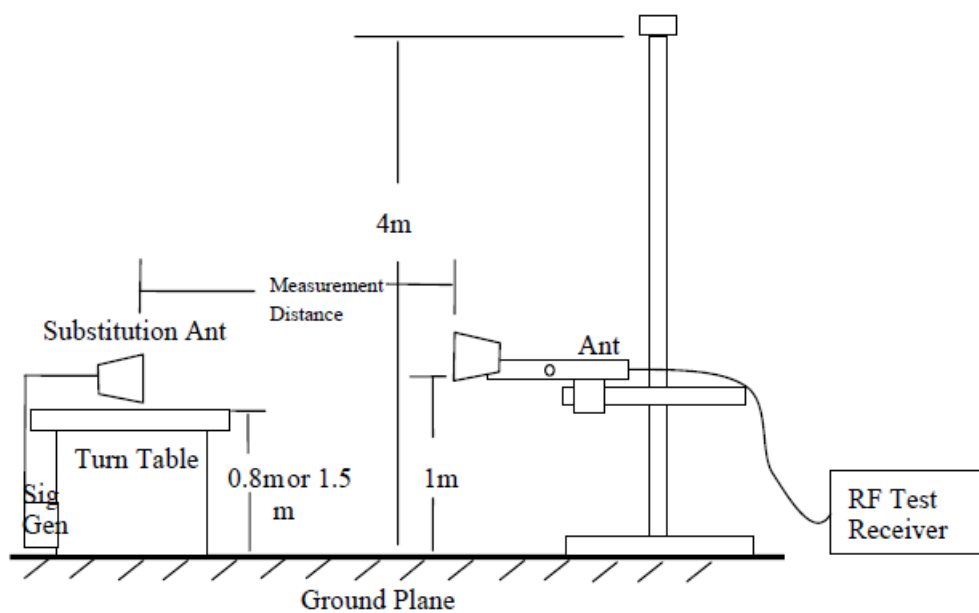


Figure 7 —Substitution method set-up for radiated emission

4.6.3 Test Procedure

According to ANSI C63.26-2015 Section 5.5.3:

- a) Place the EUT in the center of the turntable. The EUT shall be configured to transmit into the standard non-radiating load (for measuring radiated spurious emissions), connected with cables of minimal length unless specified otherwise. If the EUT uses an adjustable antenna, the antenna shall be positioned to the length that produces the worst case emission at the fundamental operating frequency.
- b) Each emission under consideration shall be evaluated:
 - 1) Raise and lower the measurement antenna in accordance 5.5.2, as necessary to enable detection of the maximum emission amplitude relative to measurement antenna height.
 - 2) Rotate the EUT through 360° to determine the maximum emission level relative to the axial position.
 - 3) Return the turntable to the azimuth where the highest emission amplitude level was observed.
 - 4) Vary the measurement antenna height again through 1 m to 4 m again to find the height associated with the maximum emission amplitude.
 - 5) Record the measured emission amplitude level and frequency using the appropriate RBW.
- c) Repeat step b) for each emission frequency with the measurement antenna oriented in both the horizontal and vertical polarizations to determine the orientation that gives the maximum emissions amplitude.
- d) Set-up the substitution measurement with the reference point of the substitution antenna located as near as possible to where the center of the EUT radiating element was located during the initial EUT measurement.
- e) Maintain the previous measurement instrument settings and test set-up, with the exception that the EUT is removed and replaced by the substitution antenna.
- f) Connect a signal generator to the substitution antenna; locate the signal generator so as to minimize any potential influences on the measurement results. Set the signal generator to the frequency where emissions are detected, and set an output power level such that the radiated signal can be detected by the measurement instrument, with sufficient dynamic range relative to the noise floor.
- g) For each emission that was detected and measured in the initial test [i.e., in step b) and step c)]:
 - 1) Vary the measurement antenna height between 1 m to 4 m to maximize the received (measured) signal amplitude.
 - 2) Adjust the signal generator output power level until the amplitude detected by the measurement instrument equals the amplitude level of the emission previously measured directly in step b) and step c).
 - 3) Record the output power level of the signal generator when equivalence is achieved in step 2).
- h) Repeat step e) through step g) with the measurement antenna oriented in the opposite polarization.
- i) Calculate the emission power in dBm referenced to a half-wave dipole using the following equation:

$$P_e = P_s(\text{dBm}) - \text{cable loss (dB)} + \text{antenna gain (dBd)}$$
 where

P_e = equivalent emission power in dBm
 P_s = source (signal generator) power in dBm

NOTE—dBd refers to the measured antenna gain in decibels relative to a half-wave dipole.
- j) Correct the antenna gain of the substitution antenna if necessary to reference the emission power to a half-wave dipole. When using measurement antennas with the gain specified in dBi, the equivalent dipole-referenced gain can be determined from: $\text{gain (dBd)} = \text{gain (dBi)} - 2.15 \text{ dB}$. If necessary, the antenna gain can be calculated from calibrated antenna factor information
- k) Provide the complete measurement results as a part of the test report.

4.6.4 Test Results

Please refer to section 5.2.

5. Test DATA AND RESULTS

5.1 Antenna Port Test Data and Results

Please refer to the attachment Appendix D1, D2, D3, D4, D5, D6, D7, D8, D9.

5.2 Radiated Spurious Emissions

Serial Number:	3J02-4	Test Date:	2026/4/7~2026/4/14
Test Site:	Chamber 10m, Chamber B	Test Mode:	Transmitting
Tester:	Joe Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.3~24.8	Relative Humidity: (%)	40~44	ATM Pressure: (kPa)	100.2~101.1
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
30MHz~1000MHz					
Sunol Sciences	Hybrid Antenna	JB3	A060611-1	2025/6/23	2028/6/22
Narda	Coaxial Attenuator	779-6dB	04269	2025/6/23	2028/6/22
Unknown	Coaxial Cable	C-NJNJ-50	C-1000-01	2025/7/1	2026/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-04	2025/7/1	2026/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0530-01	2025/7/1	2026/6/30
Sonoma	Amplifier	310N	185914	2025/8/25	2026/8/24
R&S	EMI Test Receiver	ESR3	102453	2025/6/25	2026/6/24
EMCO	Adjustable Dipole Antenna	3121C	9109-753	N/A	N/A
Micro-Coax	Coaxial Cable	UFA210B	99G1448	2025/9/4	2026/9/3
Agilent	Signal Generator	E8247C	MY43321350	2025/7/28	2026/7/27
Anritsu	Radio Communication Test Station	MT8000A	6272709229	2025/9/21	2026/9/20
E-Microwave	Band Rejection Filter	OBF-ZP-703-748-SMAF	OE01902425	2025/6/6	2026/6/5
Sinoscite	Band Rejection Filter	BSF824-862MS	1438001	2025/6/6	2026/6/5
Above 1GHz					
ETS-Lindgren	Horn Antenna	3115	000 527 35	2023/9/7	2026/9/6
AH	Horn Antenna	SAS-571	1177	2026/1/22	2029/1/21
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-02 1304	2026/2/21	2029/2/20
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-03 1304	2026/2/6	2029/2/5
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-01 1302	2026/2/6	2029/2/5
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-02 1302	2026/2/21	2029/2/20
Xinhang Macrowave	Coaxial Cable	XH750A-N/J-SMA/J-10M	20231117004 #0001	2025/11/17	2026/11/16
Xinhang Macrowave	Coaxial Cable	XH360A-2.92/J-2.92/J-6M-A	20231208001 #0001	2025/11/14	2026/11/13
Micro-Coax	Coaxial Cable	UFA210B	99G1448	2025/9/4	2026/9/3
Agilent	Signal Generator	E8247C	MY43321350	2025/7/28	2026/7/27
AH	Preamplifier	PAM-0118P	469	2026/4/10	2027/4/10
AH	Preamplifier	PAM-1840VH	191	2025/9/4	2026/9/3
R&S	Spectrum Analyzer	FSV40	101944	2025/8/8	2026/8/7
Anritsu	Radio Communication Test Station	MT8000A	6272709229	2025/9/21	2026/9/20
Decentest	Multiplex Switch Test Control Set & Filter Switch Unit	DT7220SCU & DT7220FCU	DC79902 & DC79905	2025/8/25	2026/8/24

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

After pre-scan in the X, Y and Z axes of orientation, the worst case(Y axe was the worst) is below:

Test Mode Description(Worst case)

Mode	NR Band	Channel	SCS(kHz)	Condition
SA	n5	Low/Middle/High	15	5MHz DFT-s-OFDM (QPSK)
	n7	Low/Middle/High	15	5MHz DFT-s-OFDM (QPSK)
	n12	Low/Middle/High	15	5MHz DFT-s-OFDM (QPSK)
	n38	Low/Middle/High	15	5MHz DFT-s-OFDM (QPSK)
	n41	Low/Middle/High	30	10MHz DFT-s-OFDM (QPSK)
	n66	Low/Middle/High	15	5MHz DFT-s-OFDM (QPSK)
	n77	Low/Middle/High	30	10MHz DFT-s-OFDM (QPSK)
	n78	Low/Middle/High	30	10MHz DFT-s-OFDM (QPSK)
NSA	DC 5A n7A	Low/Middle/High	15	10MHz 10MHz_QPSK DFT-s-OFDM (QPSK)
	DC 5A n38A	Low/Middle/High	15	10MHz 5MHz_QPSK DFT-s-OFDM (QPSK)
	DC 5A n41A	Low/Middle/High	15	10MHz 5MHz_QPSK DFT-s-OFDM (QPSK)
	DC 5A n77A	Low/Middle/High	15	10MHz 5MHz_QPSK DFT-s-OFDM (QPSK)
	DC 5A n78A	Low/Middle/High	15	10MHz 10MHz_QPSK DFT-s-OFDM (QPSK)
	DC 12A n66A	Low/Middle/High	15	10MHz 10MHz_QPSK DFT-s-OFDM (QPSK)

(The Worst modulation and bandwidth were below)

SA:

NR n5(30MHz-10GHz):

ANT 1

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, Frequency: 826.5 MHz								
80.39	H	48.72	-59.84	0.00	0.26	-60.10	-13.00	47.10
375.42	V	58.63	-47.32	0.00	0.61	-47.93	-13.00	34.93
1653.00	H	53.15	-63.00	9.44	0.44	-54.00	-13.00	41.00
1653.00	V	58.06	-59.06	9.44	0.44	-50.06	-13.00	37.06
2479.50	H	55.53	-59.15	9.23	0.62	-50.54	-13.00	37.54
2479.50	V	51.87	-62.92	9.23	0.62	-54.31	-13.00	41.31
3306.00	H	50.13	-61.71	10.44	0.72	-51.99	-13.00	38.99
3306.00	V	48.76	-63.62	10.44	0.72	-53.90	-13.00	40.90
1RB, 5MHz, Frequency: 836.5 MHz								
80.13	H	48.25	-60.23	0.00	0.26	-60.49	-13.00	47.49
375.69	V	58.74	-47.21	0.00	0.61	-47.82	-13.00	34.82
1673.00	H	52.24	-63.84	9.48	0.45	-54.81	-13.00	41.81
1673.00	V	57.93	-58.99	9.48	0.45	-49.96	-13.00	36.96
2509.50	H	55.64	-58.89	9.22	0.62	-50.29	-13.00	37.29
2509.50	V	50.66	-64.18	9.22	0.62	-55.58	-13.00	42.58
3346.00	H	49.43	-62.77	10.48	0.72	-53.01	-13.00	40.01
3346.00	V	48.82	-63.70	10.48	0.72	-53.94	-13.00	40.94
1RB, 5MHz, Frequency: 846.5 MHz								
80.14	H	48.51	-59.97	0.00	0.26	-60.23	-13.00	47.23
375.21	V	59.34	-46.62	0.00	0.61	-47.23	-13.00	34.23
1693.00	H	52.56	-63.45	9.51	0.46	-54.40	-13.00	41.40
1693.00	V	56.97	-59.76	9.51	0.46	-50.71	-13.00	37.71
2539.50	H	56.83	-57.77	9.28	0.63	-49.12	-13.00	36.12
2539.50	V	53.15	-61.77	9.28	0.63	-53.12	-13.00	40.12
3386.00	H	50.13	-62.43	10.51	0.72	-52.64	-13.00	39.64
3386.00	V	49.72	-62.94	10.51	0.72	-53.15	-13.00	40.15

ANT 3

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, Frequency: 826.5 MHz								
80.66	H	48.49	-60.15	0.00	0.26	-60.41	-13.00	47.41
375.86	V	58.17	-47.77	0.00	0.61	-48.38	-13.00	35.38
1653.00	H	52.68	-63.47	9.44	0.44	-54.47	-13.00	41.47
1653.00	V	57.84	-59.28	9.44	0.44	-50.28	-13.00	37.28
2479.50	H	55.38	-59.30	9.23	0.62	-50.69	-13.00	37.69
2479.50	V	51.54	-63.25	9.23	0.62	-54.64	-13.00	41.64
3306.00	H	49.96	-61.88	10.44	0.72	-52.16	-13.00	39.16
3306.00	V	48.03	-64.35	10.44	0.72	-54.63	-13.00	41.63
1RB, 5MHz, Frequency: 836.5 MHz								
80.05	H	48.18	-60.28	0.00	0.26	-60.54	-13.00	47.54
375.73	V	58.94	-47.00	0.00	0.61	-47.61	-13.00	34.61
1673.00	H	51.87	-64.21	9.48	0.45	-55.18	-13.00	42.18
1673.00	V	57.61	-59.31	9.48	0.45	-50.28	-13.00	37.28
2509.50	H	55.38	-59.15	9.22	0.62	-50.55	-13.00	37.55
2509.50	V	50.72	-64.12	9.22	0.62	-55.52	-13.00	42.52
3346.00	H	49.03	-63.17	10.48	0.72	-53.41	-13.00	40.41
3346.00	V	48.37	-64.15	10.48	0.72	-54.39	-13.00	41.39
1RB, 5MHz, Frequency: 846.5 MHz								
80.08	H	48.16	-60.30	0.00	0.26	-60.56	-13.00	47.56
375.47	V	59.34	-46.61	0.00	0.61	-47.22	-13.00	34.22
1693.00	H	52.08	-63.93	9.51	0.46	-54.88	-13.00	41.88
1693.00	V	56.39	-60.34	9.51	0.46	-51.29	-13.00	38.29
2539.50	H	56.73	-57.87	9.28	0.63	-49.22	-13.00	36.22
2539.50	V	52.84	-62.08	9.28	0.63	-53.43	-13.00	40.43
3386.00	H	49.93	-62.63	10.51	0.72	-52.84	-13.00	39.84
3386.00	V	49.38	-63.28	10.51	0.72	-53.49	-13.00	40.49

NR n7 (30MHz-26GHz):**ANT 2:**

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, Frequency: 2502.5 MHz								
79.42	H	48.51	-59.51	-0.29	0.26	-60.06	-25.00	35.06
374.82	V	58.33	-47.64	0.00	0.61	-48.25	-25.00	23.25
5005.00	H	49.36	-61.74	10.41	0.92	-52.25	-25.00	27.25
5005.00	V	49.82	-60.79	10.41	0.92	-51.30	-25.00	26.30
7507.50	H	50.14	-57.89	10.81	1.20	-48.28	-25.00	23.28
7507.50	V	50.21	-58.57	10.81	1.20	-48.96	-25.00	23.96
1RB, 5MHz, Frequency:2535 MHz								
79.58	H	48.76	-59.38	-0.21	0.26	-59.85	-25.00	34.85
376.28	V	57.84	-48.09	0.00	0.61	-48.70	-25.00	23.70
5070.00	H	49.16	-61.67	10.58	0.94	-52.03	-25.00	27.03
5070.00	V	48.73	-61.61	10.58	0.94	-51.97	-25.00	26.97
7605.00	H	49.22	-58.55	10.88	1.21	-48.88	-25.00	23.88
7605.00	V	49.17	-59.33	10.88	1.21	-49.66	-25.00	24.66
1RB, 5MHz, Frequency: 2567.5 MHz								
80.26	H	48.92	-59.60	0.00	0.26	-59.86	-25.00	34.86
375.43	V	58.69	-47.26	0.00	0.61	-47.87	-25.00	22.87
5135.00	H	48.79	-62.24	10.75	0.96	-52.45	-25.00	27.45
5135.00	V	48.62	-61.80	10.75	0.96	-52.01	-25.00	27.01
7702.50	H	49.13	-58.37	10.96	1.23	-48.64	-25.00	23.64
7702.50	V	48.97	-59.24	10.96	1.23	-49.51	-25.00	24.51

ANT 5:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, Frequency: 2502.5 MHz								
79.16	H	48.05	-59.79	-0.42	0.26	-60.47	-25.00	35.47
374.64	V	58.13	-47.85	0.00	0.61	-48.46	-25.00	23.46
5005.00	H	49.48	-61.62	10.41	0.92	-52.13	-25.00	27.13
5005.00	V	49.95	-60.66	10.41	0.92	-51.17	-25.00	26.17
7507.50	H	50.25	-57.78	10.81	1.20	-48.17	-25.00	23.17
7507.50	V	50.23	-58.55	10.81	1.20	-48.94	-25.00	23.94
1RB, 5MHz, Frequency:2535 MHz								
79.83	H	48.16	-60.16	-0.09	0.26	-60.51	-25.00	35.51
376.15	V	57.08	-48.85	0.00	0.61	-49.46	-25.00	24.46
5070.00	H	49.26	-61.57	10.58	0.94	-51.93	-25.00	26.93
5070.00	V	48.85	-61.49	10.58	0.94	-51.85	-25.00	26.85
7605.00	H	49.30	-58.47	10.88	1.21	-48.80	-25.00	23.80
7605.00	V	49.21	-59.29	10.88	1.21	-49.62	-25.00	24.62
1RB, 5MHz, Frequency: 2567.5 MHz								
80.17	H	48.05	-60.44	0.00	0.26	-60.70	-25.00	35.70
375.27	V	58.34	-47.62	0.00	0.61	-48.23	-25.00	23.23
5135.00	H	48.83	-62.20	10.75	0.96	-52.41	-25.00	27.41
5135.00	V	48.74	-61.68	10.75	0.96	-51.89	-25.00	26.89
7702.50	H	49.18	-58.32	10.96	1.23	-48.59	-25.00	23.59
7702.50	V	49.12	-59.09	10.96	1.23	-49.36	-25.00	24.36

NR n12 (30MHz-10GHz):

ANT 1

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, Frequency: 701.5MHz								
79.23	H	48.52	-59.37	-0.38	0.26	-60.01	-13.00	47.01
375.16	V	57.94	-48.02	0.00	0.61	-48.63	-13.00	35.63
1403.00	H	48.18	-67.76	8.64	0.38	-59.50	-13.00	46.50
1403.00	V	48.74	-66.98	8.64	0.38	-58.72	-13.00	45.72
2104.50	H	48.45	-65.74	9.83	0.57	-56.48	-13.00	43.48
2104.50	V	48.49	-65.66	9.83	0.57	-56.40	-13.00	43.40
2806.00	H	48.83	-66.02	9.81	0.69	-56.90	-13.00	43.90
2806.00	V	49.52	-65.11	9.81	0.69	-55.99	-13.00	42.99
1RB, 5MHz, Frequency: 707.5 MHz								
80.35	H	48.93	-59.62	0.00	0.26	-59.88	-13.00	46.88
375.49	V	57.64	-48.31	0.00	0.61	-48.92	-13.00	35.92
1415.00	H	48.50	-67.50	8.71	0.38	-59.17	-13.00	46.17
1415.00	V	48.68	-67.10	8.71	0.38	-58.77	-13.00	45.77
2122.50	H	48.82	-65.53	9.80	0.57	-56.30	-13.00	43.30
2122.50	V	48.75	-65.51	9.80	0.57	-56.28	-13.00	43.28
2830.00	H	49.23	-65.49	9.86	0.69	-56.32	-13.00	43.32
2830.00	V	49.47	-65.14	9.86	0.69	-55.97	-13.00	42.97
1RB, 5MHz, Frequency: 713.5 MHz								
79.42	H	48.64	-59.38	-0.29	0.26	-59.93	-13.00	46.93
375.16	V	58.26	-47.70	0.00	0.61	-48.31	-13.00	35.31
1427.00	H	48.36	-67.71	8.78	0.38	-59.31	-13.00	46.31
1427.00	V	48.47	-67.36	8.78	0.38	-58.96	-13.00	45.96
2140.50	H	48.78	-65.73	9.78	0.58	-56.53	-13.00	43.53
2140.50	V	49.12	-65.26	9.78	0.58	-56.06	-13.00	43.06
2854.00	H	49.64	-64.94	9.91	0.70	-55.73	-13.00	42.73
2854.00	V	50.25	-64.35	9.91	0.70	-55.14	-13.00	42.14

ANT 3

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, Frequency: 701.5MHz								
79.05	H	48.66	-59.10	-0.48	0.26	-59.84	-13.00	46.84
375.47	V	57.05	-48.90	0.00	0.61	-49.51	-13.00	36.51
1403.00	H	48.03	-67.91	8.64	0.38	-59.65	-13.00	46.65
1403.00	V	48.62	-67.10	8.64	0.38	-58.84	-13.00	45.84
2104.50	H	48.51	-65.68	9.83	0.57	-56.42	-13.00	43.42
2104.50	V	48.36	-65.79	9.83	0.57	-56.53	-13.00	43.53
2806.00	H	48.79	-66.06	9.81	0.69	-56.94	-13.00	43.94
2806.00	V	49.34	-65.29	9.81	0.69	-56.17	-13.00	43.17
1RB, 5MHz, Frequency:707.5 MHz								
80.19	H	48.17	-60.33	0.00	0.26	-60.59	-13.00	47.59
375.26	V	57.18	-48.78	0.00	0.61	-49.39	-13.00	36.39
1415.00	H	48.38	-67.62	8.71	0.38	-59.29	-13.00	46.29
1415.00	V	48.63	-67.15	8.71	0.38	-58.82	-13.00	45.82
2122.50	H	48.73	-65.62	9.80	0.57	-56.39	-13.00	43.39
2122.50	V	48.66	-65.60	9.80	0.57	-56.37	-13.00	43.37
2830.00	H	49.13	-65.59	9.86	0.69	-56.42	-13.00	43.42
2830.00	V	49.27	-65.34	9.86	0.69	-56.17	-13.00	43.17
1RB, 5MHz, Frequency: 713.5 MHz								
79.57	H	48.40	-59.73	-0.22	0.26	-60.21	-13.00	47.21
375.73	V	58.08	-47.86	0.00	0.61	-48.47	-13.00	35.47
1427.00	H	48.17	-67.90	8.78	0.38	-59.50	-13.00	46.50
1427.00	V	48.38	-67.45	8.78	0.38	-59.05	-13.00	46.05
2140.50	H	48.62	-65.89	9.78	0.58	-56.69	-13.00	43.69
2140.50	V	49.07	-65.31	9.78	0.58	-56.11	-13.00	43.11
2854.00	H	49.36	-65.22	9.91	0.70	-56.01	-13.00	43.01
2854.00	V	50.13	-64.47	9.91	0.70	-55.26	-13.00	42.26

NR n38 (30MHz-26.5GHz):**ANT 2:**

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, Frequency:2572.5 MHz								
80.15	H	48.76	-59.73	0.00	0.26	-59.99	-25.00	34.99
375.20	V	58.63	-47.33	0.00	0.61	-47.94	-25.00	22.94
5145.00	H	49.67	-61.45	10.78	0.96	-51.63	-25.00	26.63
5145.00	V	49.66	-60.82	10.78	0.96	-51.00	-25.00	26.00
7717.50	H	48.73	-58.73	10.97	1.23	-48.99	-25.00	23.99
7717.50	V	48.52	-59.65	10.97	1.23	-49.91	-25.00	24.91
1RB, 5MHz, Frequency:2595MHz								
79.33	H	48.74	-59.22	-0.34	0.26	-59.82	-25.00	34.82
375.27	V	57.19	-48.77	0.00	0.61	-49.38	-25.00	24.38
5190.00	H	48.75	-62.77	10.89	0.97	-52.85	-25.00	27.85
5190.00	V	49.64	-61.12	10.89	0.97	-51.20	-25.00	26.20
7785.00	H	49.38	-57.90	11.03	1.24	-48.11	-25.00	23.11
7785.00	V	49.16	-58.81	11.03	1.24	-49.02	-25.00	24.02
1RB, 5MHz, Frequency:2617.5MHz								
80.22	H	48.23	-60.28	0.00	0.26	-60.54	-25.00	35.54
375.97	V	58.64	-47.30	0.00	0.61	-47.91	-25.00	22.91
5235.00	H	49.67	-61.73	11.01	0.98	-51.70	-25.00	26.70
5235.00	V	48.53	-62.14	11.01	0.98	-52.11	-25.00	27.11
7852.50	H	47.24	-59.86	11.08	1.25	-50.03	-25.00	25.03
7852.50	V	47.83	-59.95	11.08	1.25	-50.12	-25.00	25.12

ANT 5:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, Frequency:2572.5 MHz								
80.07	H	48.88	-59.58	0.00	0.26	-59.84	-25.00	34.84
375.34	V	58.11	-47.85	0.00	0.61	-48.46	-25.00	23.46
5145.00	H	49.72	-61.40	10.78	0.96	-51.58	-25.00	26.58
5145.00	V	49.75	-60.73	10.78	0.96	-50.91	-25.00	25.91
7717.50	H	48.80	-58.66	10.97	1.23	-48.92	-25.00	23.92
7717.50	V	48.58	-59.59	10.97	1.23	-49.85	-25.00	24.85
1RB, 5MHz, Frequency:2595MHz								
79.65	H	48.06	-60.13	-0.17	0.26	-60.56	-25.00	35.56
375.19	V	57.83	-48.13	0.00	0.61	-48.74	-25.00	23.74
5190.00	H	48.78	-62.74	10.89	0.97	-52.82	-25.00	27.82
5190.00	V	49.82	-60.94	10.89	0.97	-51.02	-25.00	26.02
7785.00	H	49.45	-57.83	11.03	1.24	-48.04	-25.00	23.04
7785.00	V	49.23	-58.74	11.03	1.24	-48.95	-25.00	23.95
1RB, 5MHz, Frequency:2617.5MHz								
80.16	H	48.07	-60.42	0.00	0.26	-60.68	-25.00	35.68
375.55	V	58.12	-47.83	0.00	0.61	-48.44	-25.00	23.44
5235.00	H	49.74	-61.66	11.01	0.98	-51.63	-25.00	26.63
5235.00	V	48.66	-62.01	11.01	0.98	-51.98	-25.00	26.98
7852.50	H	47.38	-59.72	11.08	1.25	-49.89	-25.00	24.89
7852.50	V	47.96	-59.82	11.08	1.25	-49.99	-25.00	24.99

NR n41 (30MHz-27GHz):
ANT 2:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:2501.01 MHz								
81.17	H	48.32	-60.48	0.00	0.26	-60.74	-25.00	35.74
375.49	V	57.63	-48.32	0.00	0.61	-48.93	-25.00	23.93
5002.02	H	48.93	-62.18	10.41	0.92	-52.69	-25.00	27.69
5002.02	V	48.29	-62.33	10.41	0.92	-52.84	-25.00	27.84
7503.03	H	47.54	-60.50	10.80	1.20	-50.90	-25.00	25.90
7503.03	V	47.81	-60.98	10.80	1.20	-51.38	-25.00	26.38
1RB, 10MHz, Frequency:2592.99MHz								
80.41	H	48.33	-60.24	0.00	0.26	-60.50	-25.00	35.50
375.28	V	58.28	-47.68	0.00	0.61	-48.29	-25.00	23.29
5185.98	H	48.45	-63.03	10.88	0.97	-53.12	-25.00	28.12
5185.98	V	48.31	-62.42	10.88	0.97	-52.51	-25.00	27.51
7778.97	H	47.66	-59.64	11.02	1.24	-49.86	-25.00	24.86
7778.97	V	47.62	-60.37	11.02	1.24	-50.59	-25.00	25.59
1RB, 10MHz, Frequency:2685MHz								
79.35	H	48.99	-58.98	-0.33	0.26	-59.57	-25.00	34.57
375.27	V	57.62	-48.34	0.00	0.61	-48.95	-25.00	23.95
5370.00	H	48.43	-62.72	11.36	1.02	-52.38	-25.00	27.38
5370.00	V	48.51	-62.21	11.36	1.02	-51.87	-25.00	26.87
8055.00	H	47.99	-58.55	11.20	1.28	-48.63	-25.00	23.63
8055.00	V	47.64	-59.55	11.20	1.28	-49.63	-25.00	24.63

ANT 5:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:2501.01 MHz								
81.00	H	48.29	-60.46	0.00	0.26	-60.72	-25.00	35.72
375.77	V	57.87	-48.07	0.00	0.61	-48.68	-25.00	23.68
5002.02	H	49.14	-61.97	10.41	0.92	-52.48	-25.00	27.48
5002.02	V	48.47	-62.15	10.41	0.92	-52.66	-25.00	27.66
7503.03	H	47.63	-60.41	10.80	1.20	-50.81	-25.00	25.81
7503.03	V	47.97	-60.82	10.80	1.20	-51.22	-25.00	26.22
1RB, 10MHz, Frequency:2592.99MHz								
80.18	H	48.54	-59.96	0.00	0.26	-60.22	-25.00	35.22
375.46	V	58.93	-47.02	0.00	0.61	-47.63	-25.00	22.63
5185.98	H	48.55	-62.93	10.88	0.97	-53.02	-25.00	28.02
5185.98	V	48.42	-62.31	10.88	0.97	-52.40	-25.00	27.40
7778.97	H	47.73	-59.57	11.02	1.24	-49.79	-25.00	24.79
7778.97	V	47.68	-60.31	11.02	1.24	-50.53	-25.00	25.53
1RB, 10MHz, Frequency:2685MHz								
79.66	H	48.16	-60.04	-0.17	0.26	-60.47	-25.00	35.47
375.08	V	57.54	-48.42	0.00	0.61	-49.03	-25.00	24.03
5370.00	H	48.51	-62.64	11.36	1.02	-52.30	-25.00	27.30
5370.00	V	48.62	-62.10	11.36	1.02	-51.76	-25.00	26.76
8055.00	H	48.13	-58.41	11.20	1.28	-48.49	-25.00	23.49
8055.00	V	47.92	-59.27	11.20	1.28	-49.35	-25.00	24.35

NR n66(30MHz-18GHz):
ANT 2:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, Frequency:1712.5 MHz								
80.34	H	48.43	-60.11	0.00	0.26	-60.37	-13.00	47.37
374.16	V	58.17	-47.82	0.00	0.61	-48.43	-13.00	35.43
3425.00	H	63.58	-49.32	10.54	0.72	-39.50	-13.00	26.50
3425.00	V	66.74	-46.16	10.54	0.72	-36.34	-13.00	23.34
5137.50	H	57.89	-53.16	10.76	0.96	-43.36	-13.00	30.36
5137.50	V	61.49	-48.95	10.76	0.96	-39.15	-13.00	26.15
1RB, 5MHz, Frequency:1745MHz								
80.52	H	48.62	-59.98	0.00	0.26	-60.24	-13.00	47.24
375.08	V	57.94	-48.02	0.00	0.61	-48.63	-13.00	35.63
3490.00	H	64.78	-48.67	10.59	0.72	-38.80	-13.00	25.80
3490.00	V	66.52	-46.87	10.59	0.72	-37.00	-13.00	24.00
5235.00	H	58.03	-53.37	11.01	0.98	-43.34	-13.00	30.34
5235.00	V	62.09	-48.58	11.01	0.98	-38.55	-13.00	25.55
1RB, 5MHz, Frequency:1777.5MHz								
79.17	H	48.46	-59.38	-0.41	0.26	-60.05	-13.00	47.05
375.82	V	58.69	-47.25	0.00	0.61	-47.86	-13.00	34.86
3555.00	H	64.31	-49.06	10.63	0.73	-39.16	-13.00	26.16
3555.00	V	66.44	-46.72	10.63	0.73	-36.82	-13.00	23.82
5332.50	H	58.62	-52.45	11.26	1.01	-42.20	-13.00	29.20
5332.50	V	62.39	-48.15	11.26	1.01	-37.90	-13.00	24.90

ANT 5:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz, Frequency:1712.5 MHz								
80.88	H	48.16	-60.55	0.00	0.26	-60.81	-13.00	47.81
375.63	V	59.42	-46.53	0.00	0.61	-47.14	-13.00	34.14
3425.00	H	63.62	-49.28	10.54	0.72	-39.46	-13.00	26.46
3425.00	V	66.83	-46.07	10.54	0.72	-36.25	-13.00	23.25
5137.50	H	57.96	-53.09	10.76	0.96	-43.29	-13.00	30.29
5137.50	V	61.64	-48.80	10.76	0.96	-39.00	-13.00	26.00
1RB, 5MHz, Frequency:1745MHz								
80.53	H	48.00	-60.60	0.00	0.26	-60.86	-13.00	47.86
375.47	V	57.33	-48.62	0.00	0.61	-49.23	-13.00	36.23
3490.00	H	65.24	-48.21	10.59	0.72	-38.34	-13.00	25.34
3490.00	V	66.86	-46.53	10.59	0.72	-36.66	-13.00	23.66
5235.00	H	58.37	-53.03	11.01	0.98	-43.00	-13.00	30.00
5235.00	V	62.48	-48.19	11.01	0.98	-38.16	-13.00	25.16
1RB, 5MHz, Frequency:1777.5MHz								
79.17	H	48.16	-59.68	-0.41	0.26	-60.35	-13.00	47.35
374.95	V	58.16	-47.81	0.00	0.61	-48.42	-13.00	35.42
3555.00	H	64.58	-48.79	10.63	0.73	-38.89	-13.00	25.89
3555.00	V	66.62	-46.54	10.63	0.73	-36.64	-13.00	23.64
5332.50	H	58.79	-52.28	11.26	1.01	-42.03	-13.00	29.03
5332.50	V	62.70	-47.84	11.26	1.01	-37.59	-13.00	24.59

NR n77_1 (30MHz-36GHz):

ANT 0:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3455 MHz								
80.15	H	48.73	-59.76	0.00	0.26	-60.02	-13.00	47.02
376.24	V	57.21	-48.72	0.00	0.61	-49.33	-13.00	36.33
6910.00	H	48.69	-60.30	11.15	1.17	-50.32	-13.00	37.32
6910.00	V	48.82	-60.11	11.15	1.17	-50.13	-13.00	37.13
10365.00	H	47.84	-55.78	11.34	1.40	-45.84	-13.00	32.84
10365.00	V	47.45	-56.80	11.34	1.40	-46.86	-13.00	33.86
1RB, 10MHz, Frequency:3500MHz								
79.31	H	48.15	-59.80	-0.34	0.26	-60.40	-13.00	47.40
375.68	V	58.62	-47.33	0.00	0.61	-47.94	-13.00	34.94
7000.00	H	48.76	-59.94	11.10	1.18	-50.02	-13.00	37.02
7000.00	V	48.94	-59.81	11.10	1.18	-49.89	-13.00	36.89
10500.00	H	48.25	-55.11	11.20	1.42	-45.33	-13.00	32.33
10500.00	V	47.64	-56.43	11.20	1.42	-46.65	-13.00	33.65
1RB, 10MHz, Frequency:3545MHz								
80.80	H	48.92	-59.76	0.00	0.26	-60.02	-13.00	47.02
375.17	V	57.39	-48.57	0.00	0.61	-49.18	-13.00	36.18
7090.00	H	48.27	-60.31	11.05	1.18	-50.44	-13.00	37.44
7090.00	V	48.83	-59.93	11.05	1.18	-50.06	-13.00	37.06
10635.00	H	47.62	-55.89	11.15	1.48	-46.22	-13.00	33.22
10635.00	V	47.59	-56.56	11.15	1.48	-46.89	-13.00	33.89

ANT 3:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3455 MHz								
81.47	H	50.87	-58.02	0.00	0.26	-58.28	-13.00	45.28
376.01	V	57.65	-48.29	0.00	0.61	-48.90	-13.00	35.90
6910.00	H	48.76	-60.23	11.15	1.17	-50.25	-13.00	37.25
6910.00	V	48.79	-60.14	11.15	1.17	-50.16	-13.00	37.16
10365.00	H	47.62	-56.00	11.34	1.40	-46.06	-13.00	33.06
10365.00	V	47.38	-56.87	11.34	1.40	-46.93	-13.00	33.93
1RB, 10MHz, Frequency:3500MHz								
79.52	H	50.36	-57.74	-0.24	0.26	-58.24	-13.00	45.24
375.49	V	58.18	-47.77	0.00	0.61	-48.38	-13.00	35.38
7000.00	H	48.69	-60.01	11.10	1.18	-50.09	-13.00	37.09
7000.00	V	48.73	-60.02	11.10	1.18	-50.10	-13.00	37.10
10500.00	H	48.52	-54.84	11.20	1.42	-45.06	-13.00	32.06
10500.00	V	47.35	-56.72	11.20	1.42	-46.94	-13.00	33.94
1RB, 10MHz, Frequency:3545MHz								
80.88	H	50.36	-58.35	0.00	0.26	-58.61	-13.00	45.61
375.19	V	57.02	-48.94	0.00	0.61	-49.55	-13.00	36.55
7090.00	H	48.16	-60.42	11.05	1.18	-50.55	-13.00	37.55
7090.00	V	48.75	-60.01	11.05	1.18	-50.14	-13.00	37.14
10635.00	H	47.23	-56.28	11.15	1.48	-46.61	-13.00	33.61
10635.00	V	47.46	-56.69	11.15	1.48	-47.02	-13.00	34.02

ANT 5:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3455 MHz								
81.47	H	49.08	-59.81	0.00	0.26	-60.07	-13.00	47.07
375.66	V	58.49	-47.46	0.00	0.61	-48.07	-13.00	35.07
6910.00	H	48.86	-60.13	11.15	1.17	-50.15	-13.00	37.15
6910.00	V	48.92	-60.01	11.15	1.17	-50.03	-13.00	37.03
10365.00	H	47.76	-55.86	11.34	1.40	-45.92	-13.00	32.92
10365.00	V	47.44	-56.81	11.34	1.40	-46.87	-13.00	33.87
1RB, 10MHz, Frequency:3500MHz								
79.10	H	48.83	-58.96	-0.45	0.26	-59.67	-13.00	46.67
375.00	V	58.59	-47.38	0.00	0.61	-47.99	-13.00	34.99
7000.00	H	48.74	-59.96	11.10	1.18	-50.04	-13.00	37.04
7000.00	V	48.82	-59.93	11.10	1.18	-50.01	-13.00	37.01
10500.00	H	48.57	-54.79	11.20	1.42	-45.01	-13.00	32.01
10500.00	V	47.65	-56.42	11.20	1.42	-46.64	-13.00	33.64
1RB, 10MHz, Frequency:3545MHz								
81.83	H	48.94	-60.06	0.00	0.26	-60.32	-13.00	47.32
375.44	V	57.65	-48.30	0.00	0.61	-48.91	-13.00	35.91
7090.00	H	48.28	-60.30	11.05	1.18	-50.43	-13.00	37.43
7090.00	V	48.88	-59.88	11.05	1.18	-50.01	-13.00	37.01
10635.00	H	47.37	-56.14	11.15	1.48	-46.47	-13.00	33.47
10635.00	V	47.56	-56.59	11.15	1.48	-46.92	-13.00	33.92

ANT 6:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3455 MHz								
79.23	H	49.18	-58.71	-0.38	0.26	-59.35	-13.00	46.35
375.62	V	58.50	-47.45	0.00	0.61	-48.06	-13.00	35.06
6910.00	H	49.15	-59.84	11.15	1.17	-49.86	-13.00	36.86
6910.00	V	49.06	-59.87	11.15	1.17	-49.89	-13.00	36.89
10365.00	H	48.22	-55.40	11.34	1.40	-45.46	-13.00	32.46
10365.00	V	47.86	-56.39	11.34	1.40	-46.45	-13.00	33.45
1RB, 10MHz, Frequency:3500MHz								
79.16	H	48.13	-59.71	-0.42	0.26	-60.39	-13.00	47.39
374.28	V	58.51	-47.48	0.00	0.61	-48.09	-13.00	35.09
7000.00	H	48.97	-59.73	11.10	1.18	-49.81	-13.00	36.81
7000.00	V	48.84	-59.91	11.10	1.18	-49.99	-13.00	36.99
10500.00	H	48.63	-54.73	11.20	1.42	-44.95	-13.00	31.95
10500.00	V	47.76	-56.31	11.20	1.42	-46.53	-13.00	33.53
1RB, 10MHz, Frequency:3545MHz								
81.25	H	48.05	-60.77	0.00	0.26	-61.03	-13.00	48.03
374.96	V	57.09	-48.88	0.00	0.61	-49.49	-13.00	36.49
7090.00	H	48.52	-60.06	11.05	1.18	-50.19	-13.00	37.19
7090.00	V	48.95	-59.81	11.05	1.18	-49.94	-13.00	36.94
10635.00	H	47.48	-56.03	11.15	1.48	-46.36	-13.00	33.36
10635.00	V	47.67	-56.48	11.15	1.48	-46.81	-13.00	33.81

NR n77_3(30MHz-40GHz):

ANT 0:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3705 MHz								
81.11	H	48.38	-60.40	0.00	0.26	-60.66	-13.00	47.66
375.42	V	58.58	-47.37	0.00	0.61	-47.98	-13.00	34.98
7410.00	H	48.86	-59.31	10.85	1.20	-49.66	-13.00	36.66
7410.00	V	48.47	-60.32	10.85	1.20	-50.67	-13.00	37.67
11115.00	H	47.82	-56.04	11.16	1.61	-46.49	-13.00	33.49
11115.00	V	47.37	-56.66	11.16	1.61	-47.11	-13.00	34.11
1RB, 10MHz, Frequency:3840MHz								
80.13	H	48.14	-60.34	0.00	0.26	-60.60	-13.00	47.60
375.22	V	57.64	-48.32	0.00	0.61	-48.93	-13.00	35.93
7680.00	H	47.85	-59.71	10.94	1.23	-50.00	-13.00	37.00
7680.00	V	47.63	-60.65	10.94	1.23	-50.94	-13.00	37.94
11520.00	H	47.79	-55.89	11.68	1.56	-45.77	-13.00	32.77
11520.00	V	47.44	-55.47	11.68	1.56	-45.35	-13.00	32.35
1RB, 10MHz, Frequency:3975MHz								
80.62	H	48.75	-59.88	0.00	0.26	-60.14	-13.00	47.14
375.48	V	57.13	-48.82	0.00	0.61	-49.43	-13.00	36.43
7950.00	H	47.38	-59.46	11.16	1.26	-49.56	-13.00	36.56
7950.00	V	47.32	-60.18	11.16	1.26	-50.28	-13.00	37.28
11925.00	H	47.40	-56.37	11.28	1.61	-46.70	-13.00	33.70
11925.00	V	47.71	-55.66	11.28	1.61	-45.99	-13.00	32.99

ANT 3:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3705 MHz								
81.15	H	50.64	-58.15	0.00	0.26	-58.41	-13.00	45.41
375.57	V	58.14	-47.81	0.00	0.61	-48.42	-13.00	35.42
7410.00	H	48.75	-59.42	10.85	1.20	-49.77	-13.00	36.77
7410.00	V	48.38	-60.41	10.85	1.20	-50.76	-13.00	37.76
11115.00	H	47.74	-56.12	11.16	1.61	-46.57	-13.00	33.57
11115.00	V	47.28	-56.75	11.16	1.61	-47.20	-13.00	34.20
1RB, 10MHz, Frequency:3840MHz								
80.13	H	50.02	-58.46	0.00	0.26	-58.72	-13.00	45.72
375.37	V	58.66	-47.30	0.00	0.61	-47.91	-13.00	34.91
7680.00	H	47.77	-59.79	10.94	1.23	-50.08	-13.00	37.08
7680.00	V	47.58	-60.70	10.94	1.23	-50.99	-13.00	37.99
11520.00	H	47.71	-55.97	11.68	1.56	-45.85	-13.00	32.85
11520.00	V	47.32	-55.59	11.68	1.56	-45.47	-13.00	32.47
1RB, 10MHz, Frequency:3975MHz								
80.77	H	50.67	-58.01	0.00	0.26	-58.27	-13.00	45.27
375.52	V	57.34	-48.61	0.00	0.61	-49.22	-13.00	36.22
7950.00	H	47.54	-59.30	11.16	1.26	-49.40	-13.00	36.40
7950.00	V	47.34	-60.16	11.16	1.26	-50.26	-13.00	37.26
11925.00	H	47.29	-56.48	11.28	1.61	-46.81	-13.00	33.81
11925.00	V	47.81	-55.56	11.28	1.61	-45.89	-13.00	32.89

ANT 5:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3705 MHz								
81.77	H	48.93	-60.05	0.00	0.26	-60.31	-13.00	47.31
375.06	V	58.42	-47.55	0.00	0.61	-48.16	-13.00	35.16
7410.00	H	48.93	-59.24	10.85	1.20	-49.59	-13.00	36.59
7410.00	V	48.49	-60.30	10.85	1.20	-50.65	-13.00	37.65
11115.00	H	47.85	-56.01	11.16	1.61	-46.46	-13.00	33.46
11115.00	V	47.44	-56.59	11.16	1.61	-47.04	-13.00	34.04
1RB, 10MHz, Frequency:3840MHz								
80.09	H	48.91	-59.56	0.00	0.26	-59.82	-13.00	46.82
375.02	V	57.69	-48.28	0.00	0.61	-48.89	-13.00	35.89
7680.00	H	47.86	-59.70	10.94	1.23	-49.99	-13.00	36.99
7680.00	V	47.64	-60.64	10.94	1.23	-50.93	-13.00	37.93
11520.00	H	47.79	-55.89	11.68	1.56	-45.77	-13.00	32.77
11520.00	V	47.44	-55.47	11.68	1.56	-45.35	-13.00	32.35
1RB, 10MHz, Frequency:3975MHz								
80.76	H	48.96	-59.71	0.00	0.26	-59.97	-13.00	46.97
375.11	V	57.36	-48.60	0.00	0.61	-49.21	-13.00	36.21
7950.00	H	47.68	-59.16	11.16	1.26	-49.26	-13.00	36.26
7950.00	V	47.53	-59.97	11.16	1.26	-50.07	-13.00	37.07
11925.00	H	47.49	-56.28	11.28	1.61	-46.61	-13.00	33.61
11925.00	V	47.92	-55.45	11.28	1.61	-45.78	-13.00	32.78

ANT 6:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3705 MHz								
82.59	H	48.43	-60.80	0.00	0.26	-61.06	-13.00	48.06
374.29	V	58.55	-47.44	0.00	0.61	-48.05	-13.00	35.05
7410.00	H	49.06	-59.11	10.85	1.20	-49.46	-13.00	36.46
7410.00	V	48.57	-60.22	10.85	1.20	-50.57	-13.00	37.57
11115.00	H	48.13	-55.73	11.16	1.61	-46.18	-13.00	33.18
11115.00	V	47.67	-56.36	11.16	1.61	-46.81	-13.00	33.81
1RB, 10MHz, Frequency:3840MHz								
82.34	H	48.24	-60.92	0.00	0.26	-61.18	-13.00	48.18
374.52	V	57.17	-48.81	0.00	0.61	-49.42	-13.00	36.42
7680.00	H	47.97	-59.59	10.94	1.23	-49.88	-13.00	36.88
7680.00	V	47.78	-60.50	10.94	1.23	-50.79	-13.00	37.79
11520.00	H	47.83	-55.85	11.68	1.56	-45.73	-13.00	32.73
11520.00	V	47.42	-55.49	11.68	1.56	-45.37	-13.00	32.37
1RB, 10MHz, Frequency:3975MHz								
81.28	H	48.05	-60.78	0.00	0.26	-61.04	-13.00	48.04
374.55	V	57.11	-48.87	0.00	0.61	-49.48	-13.00	36.48
7950.00	H	47.54	-59.30	11.16	1.26	-49.40	-13.00	36.40
7950.00	V	47.43	-60.07	11.16	1.26	-50.17	-13.00	37.17
11925.00	H	47.29	-56.48	11.28	1.61	-46.81	-13.00	33.81
11925.00	V	47.64	-55.73	11.28	1.61	-46.06	-13.00	33.06

NR n78_1 (30MHz-36GHz):**ANT 0:**

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3455 MHz								
79.94	H	48.41	-59.99	-0.03	0.26	-60.28	-13.00	47.28
375.17	V	58.22	-47.74	0.00	0.61	-48.35	-13.00	35.35
6910.00	H	47.48	-61.51	11.15	1.17	-51.53	-13.00	38.53
6910.00	V	47.69	-61.24	11.15	1.17	-51.26	-13.00	38.26
10365.00	H	47.25	-56.37	11.34	1.40	-46.43	-13.00	33.43
10365.00	V	47.64	-56.61	11.34	1.40	-46.67	-13.00	33.67
1RB, 10MHz, Frequency:3500MHz								
79.61	H	48.81	-59.35	-0.20	0.26	-59.81	-13.00	46.81
375.39	V	57.69	-48.27	0.00	0.61	-48.88	-13.00	35.88
7000.00	H	47.48	-61.22	11.10	1.18	-51.30	-13.00	38.30
7000.00	V	47.26	-61.49	11.10	1.18	-51.57	-13.00	38.57
10500.00	H	47.93	-55.43	11.20	1.42	-45.65	-13.00	32.65
10500.00	V	47.76	-56.31	11.20	1.42	-46.53	-13.00	33.53
1RB, 10MHz, Frequency:3545MHz								
80.81	H	48.36	-60.33	0.00	0.26	-60.59	-13.00	47.59
375.27	V	58.44	-47.52	0.00	0.61	-48.13	-13.00	35.13
7090.00	H	47.22	-61.36	11.05	1.18	-51.49	-13.00	38.49
7090.00	V	47.14	-61.62	11.05	1.18	-51.75	-13.00	38.75
10635.00	H	47.32	-56.19	11.15	1.48	-46.52	-13.00	33.52
10635.00	V	47.58	-56.57	11.15	1.48	-46.90	-13.00	33.90

ANT 3:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3455 MHz								
79.02	H	48.18	-59.56	-0.49	0.26	-60.31	-13.00	47.31
375.18	V	58.62	-47.34	0.00	0.61	-47.95	-13.00	34.95
6910.00	H	47.37	-61.62	11.15	1.17	-51.64	-13.00	38.64
6910.00	V	47.64	-61.29	11.15	1.17	-51.31	-13.00	38.31
10365.00	H	47.19	-56.43	11.34	1.40	-46.49	-13.00	33.49
10365.00	V	47.53	-56.72	11.34	1.40	-46.78	-13.00	33.78
1RB, 10MHz, Frequency:3500MHz								
79.47	H	48.74	-59.32	-0.27	0.26	-59.85	-13.00	46.85
375.35	V	57.71	-48.25	0.00	0.61	-48.86	-13.00	35.86
7000.00	H	47.34	-61.36	11.10	1.18	-51.44	-13.00	38.44
7000.00	V	47.17	-61.58	11.10	1.18	-51.66	-13.00	38.66
10500.00	H	47.86	-55.50	11.20	1.42	-45.72	-13.00	32.72
10500.00	V	47.92	-56.15	11.20	1.42	-46.37	-13.00	33.37
1RB, 10MHz, Frequency:3545MHz								
80.88	H	48.76	-59.95	0.00	0.26	-60.21	-13.00	47.21
375.85	V	58.27	-47.67	0.00	0.61	-48.28	-13.00	35.28
7090.00	H	47.14	-61.44	11.05	1.18	-51.57	-13.00	38.57
7090.00	V	47.03	-61.73	11.05	1.18	-51.86	-13.00	38.86
10635.00	H	47.28	-56.23	11.15	1.48	-46.56	-13.00	33.56
10635.00	V	47.73	-56.42	11.15	1.48	-46.75	-13.00	33.75

ANT 5:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3455 MHz								
78.11	H	48.47	-58.61	-0.95	0.26	-59.82	-13.00	46.82
374.19	V	58.00	-47.99	0.00	0.61	-48.60	-13.00	35.60
6910.00	H	47.49	-61.50	11.15	1.17	-51.52	-13.00	38.52
6910.00	V	47.74	-61.19	11.15	1.17	-51.21	-13.00	38.21
10365.00	H	47.28	-56.34	11.34	1.40	-46.40	-13.00	33.40
10365.00	V	47.65	-56.60	11.34	1.40	-46.66	-13.00	33.66
1RB, 10MHz, Frequency:3500MHz								
79.61	H	48.77	-59.39	-0.20	0.26	-59.85	-13.00	46.85
374.08	V	57.70	-48.30	0.00	0.61	-48.91	-13.00	35.91
7000.00	H	47.42	-61.28	11.10	1.18	-51.36	-13.00	38.36
7000.00	V	47.36	-61.39	11.10	1.18	-51.47	-13.00	38.47
10500.00	H	47.94	-55.42	11.20	1.42	-45.64	-13.00	32.64
10500.00	V	47.88	-56.19	11.20	1.42	-46.41	-13.00	33.41
1RB, 10MHz, Frequency:3545MHz								
80.29	H	48.81	-59.72	0.00	0.26	-59.98	-13.00	46.98
375.31	V	58.65	-47.31	0.00	0.61	-47.92	-13.00	34.92
7090.00	H	47.33	-61.25	11.05	1.18	-51.38	-13.00	38.38
7090.00	V	47.15	-61.61	11.05	1.18	-51.74	-13.00	38.74
10635.00	H	47.37	-56.14	11.15	1.48	-46.47	-13.00	33.47
10635.00	V	47.82	-56.33	11.15	1.48	-46.66	-13.00	33.66

ANT 6:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3455 MHz								
78.19	H	49.27	-57.87	-0.91	0.26	-59.04	-13.00	46.04
374.54	V	59.06	-46.92	0.00	0.61	-47.53	-13.00	34.53
6910.00	H	48.06	-60.93	11.15	1.17	-50.95	-13.00	37.95
6910.00	V	48.15	-60.78	11.15	1.17	-50.80	-13.00	37.80
10365.00	H	47.43	-56.19	11.34	1.40	-46.25	-13.00	33.25
10365.00	V	47.85	-56.40	11.34	1.40	-46.46	-13.00	33.46
1RB, 10MHz, Frequency:3500MHz								
79.66	H	47.55	-60.65	-0.17	0.26	-61.08	-13.00	48.08
374.09	V	59.82	-46.18	0.00	0.61	-46.79	-13.00	33.79
7000.00	H	47.73	-60.97	11.10	1.18	-51.05	-13.00	38.05
7000.00	V	47.52	-61.23	11.10	1.18	-51.31	-13.00	38.31
10500.00	H	48.26	-55.10	11.20	1.42	-45.32	-13.00	32.32
10500.00	V	48.17	-55.90	11.20	1.42	-46.12	-13.00	33.12
1RB, 10MHz, Frequency:3545MHz								
80.34	H	48.21	-60.33	0.00	0.26	-60.59	-13.00	47.59
375.13	V	58.54	-47.42	0.00	0.61	-48.03	-13.00	35.03
7090.00	H	47.46	-61.12	11.05	1.18	-51.25	-13.00	38.25
7090.00	V	47.28	-61.48	11.05	1.18	-51.61	-13.00	38.61
10635.00	H	47.54	-55.97	11.15	1.48	-46.30	-13.00	33.30
10635.00	V	48.16	-55.99	11.15	1.48	-46.32	-13.00	33.32

NR n78_3(30MHz-40GHz):**ANT 0:**

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3705 MHz								
81.17	H	48.73	-60.07	0.00	0.26	-60.33	-13.00	47.33
375.23	V	57.82	-48.14	0.00	0.61	-48.75	-13.00	35.75
7410.00	H	47.58	-60.59	10.85	1.20	-50.94	-13.00	37.94
7410.00	V	47.89	-60.90	10.85	1.20	-51.25	-13.00	38.25
11115.00	H	47.96	-55.90	11.16	1.61	-46.35	-13.00	33.35
11115.00	V	47.74	-56.29	11.16	1.61	-46.74	-13.00	33.74
1RB, 10MHz, Frequency:3750MHz								
80.62	H	48.27	-60.36	0.00	0.26	-60.62	-13.00	47.62
375.25	V	57.91	-48.05	0.00	0.61	-48.66	-13.00	35.66
7500.00	H	47.62	-60.43	10.80	1.20	-50.83	-13.00	37.83
7500.00	V	47.59	-61.21	10.80	1.20	-51.61	-13.00	38.61
11250.00	H	47.82	-55.98	11.35	1.60	-46.23	-13.00	33.23
11250.00	V	47.76	-55.87	11.35	1.60	-46.12	-13.00	33.12
1RB, 10MHz, Frequency:3795MHz								
81.99	H	48.16	-60.89	0.00	0.26	-61.15	-13.00	48.15
374.18	V	58.46	-47.53	0.00	0.61	-48.14	-13.00	35.14
7590.00	H	47.43	-60.38	10.87	1.21	-50.72	-13.00	37.72
7590.00	V	47.56	-60.98	10.87	1.21	-51.32	-13.00	38.32
11385.00	H	47.42	-56.31	11.54	1.58	-46.35	-13.00	33.35
11385.00	V	47.48	-55.75	11.54	1.58	-45.79	-13.00	32.79

ANT 3:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3705 MHz								
81.73	H	48.86	-60.11	0.00	0.26	-60.37	-13.00	47.37
375.79	V	57.55	-48.39	0.00	0.61	-49.00	-13.00	36.00
7410.00	H	47.46	-60.71	10.85	1.20	-51.06	-13.00	38.06
7410.00	V	47.91	-60.88	10.85	1.20	-51.23	-13.00	38.23
11115.00	H	47.83	-56.03	11.16	1.61	-46.48	-13.00	33.48
11115.00	V	47.62	-56.41	11.16	1.61	-46.86	-13.00	33.86
1RB, 10MHz, Frequency:3750MHz								
80.86	H	49.52	-59.18	0.00	0.26	-59.44	-13.00	46.44
375.12	V	57.05	-48.91	0.00	0.61	-49.52	-13.00	36.52
7500.00	H	47.24	-60.81	10.80	1.20	-51.21	-13.00	38.21
7500.00	V	47.53	-61.27	10.80	1.20	-51.67	-13.00	38.67
11250.00	H	47.71	-56.09	11.35	1.60	-46.34	-13.00	33.34
11250.00	V	47.69	-55.94	11.35	1.60	-46.19	-13.00	33.19
1RB, 10MHz, Frequency:3795MHz								
81.29	H	49.66	-59.17	0.00	0.26	-59.43	-13.00	46.43
374.17	V	58.17	-47.82	0.00	0.61	-48.43	-13.00	35.43
7590.00	H	47.18	-60.63	10.87	1.21	-50.97	-13.00	37.97
7590.00	V	47.36	-61.18	10.87	1.21	-51.52	-13.00	38.52
11385.00	H	47.51	-56.22	11.54	1.58	-46.26	-13.00	33.26
11385.00	V	47.39	-55.84	11.54	1.58	-45.88	-13.00	32.88

ANT 5:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3705 MHz								
81.23	H	48.66	-60.16	0.00	0.26	-60.42	-13.00	47.42
375.42	V	57.14	-48.81	0.00	0.61	-49.42	-13.00	36.42
7410.00	H	47.53	-60.64	10.85	1.20	-50.99	-13.00	37.99
7410.00	V	47.97	-60.82	10.85	1.20	-51.17	-13.00	38.17
11115.00	H	47.72	-56.14	11.16	1.61	-46.59	-13.00	33.59
11115.00	V	47.56	-56.47	11.16	1.61	-46.92	-13.00	33.92
1RB, 10MHz, Frequency:3750MHz								
80.22	H	48.96	-59.55	0.00	0.26	-59.81	-13.00	46.81
375.05	V	57.00	-48.97	0.00	0.61	-49.58	-13.00	36.58
7500.00	H	47.36	-60.69	10.80	1.20	-51.09	-13.00	38.09
7500.00	V	47.59	-61.21	10.80	1.20	-51.61	-13.00	38.61
11250.00	H	47.87	-55.93	11.35	1.60	-46.18	-13.00	33.18
11250.00	V	47.62	-56.01	11.35	1.60	-46.26	-13.00	33.26
1RB, 10MHz, Frequency:3795MHz								
81.22	H	48.83	-59.98	0.00	0.26	-60.24	-13.00	47.24
374.82	V	58.01	-47.96	0.00	0.61	-48.57	-13.00	35.57
7590.00	H	47.33	-60.48	10.87	1.21	-50.82	-13.00	37.82
7590.00	V	47.48	-61.06	10.87	1.21	-51.40	-13.00	38.40
11385.00	H	47.64	-56.09	11.54	1.58	-46.13	-13.00	33.13
11385.00	V	47.55	-55.68	11.54	1.58	-45.72	-13.00	32.72

ANT 6:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 10MHz, Frequency:3705 MHz								
81.55	H	48.74	-60.17	0.00	0.26	-60.43	-13.00	47.43
375.46	V	57.43	-48.52	0.00	0.61	-49.13	-13.00	36.13
7410.00	H	47.66	-60.51	10.85	1.20	-50.86	-13.00	37.86
7410.00	V	48.05	-60.74	10.85	1.20	-51.09	-13.00	38.09
11115.00	H	47.82	-56.04	11.16	1.61	-46.49	-13.00	33.49
11115.00	V	47.64	-56.39	11.16	1.61	-46.84	-13.00	33.84
1RB, 10MHz, Frequency:3750MHz								
80.36	H	48.55	-60.00	0.00	0.26	-60.26	-13.00	47.26
375.52	V	57.86	-48.09	0.00	0.61	-48.70	-13.00	35.70
7500.00	H	47.62	-60.43	10.80	1.20	-50.83	-13.00	37.83
7500.00	V	47.84	-60.96	10.80	1.20	-51.36	-13.00	38.36
11250.00	H	47.94	-55.86	11.35	1.60	-46.11	-13.00	33.11
11250.00	V	47.78	-55.85	11.35	1.60	-46.10	-13.00	33.10
1RB, 10MHz, Frequency:3795MHz								
81.14	H	48.19	-60.60	0.00	0.26	-60.86	-13.00	47.86
374.25	V	58.20	-47.79	0.00	0.61	-48.40	-13.00	35.40
7590.00	H	47.63	-60.18	10.87	1.21	-50.52	-13.00	37.52
7590.00	V	47.72	-60.82	10.87	1.21	-51.16	-13.00	38.16
11385.00	H	47.83	-55.90	11.54	1.58	-45.94	-13.00	32.94
11385.00	V	47.82	-55.41	11.54	1.58	-45.45	-13.00	32.45

DC_5A_n7A low channel

2502.5 MHz

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
80.72	H	48.72	-59.94	0.00	0.26	-60.20	-25.00	35.20
375.43	V	58.14	-47.81	0.00	0.61	-48.42	-25.00	23.42
5005.00	H	48.74	-62.36	10.41	0.92	-52.87	-25.00	27.87
5005.00	V	48.62	-61.99	10.41	0.92	-52.50	-25.00	27.50
7507.50	H	47.83	-60.20	10.81	1.20	-50.59	-25.00	25.59
7507.50	V	47.49	-61.29	10.81	1.20	-51.68	-25.00	26.68

DC_5A_n7A middle channel

2535 MHz

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
80.15	H	48.61	-59.88	0.00	0.26	-60.14	-25.00	35.14
375.29	V	57.82	-48.14	0.00	0.61	-48.75	-25.00	23.75
5070.00	H	49.02	-61.81	10.58	0.94	-52.17	-25.00	27.17
5070.00	V	48.79	-61.55	10.58	0.94	-51.91	-25.00	26.91
7605.00	H	47.25	-60.52	10.88	1.21	-50.85	-25.00	25.85
7605.00	V	47.65	-60.85	10.88	1.21	-51.18	-25.00	26.18

DC_5A_n7A high channel

2567.5 MHz

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
81.67	H	48.74	-60.21	0.00	0.26	-60.47	-25.00	35.47
375.28	V	57.46	-48.50	0.00	0.61	-49.11	-25.00	24.11
5135.00	H	48.76	-62.27	10.75	0.96	-52.48	-25.00	27.48
5135.00	V	48.82	-61.60	10.75	0.96	-51.81	-25.00	26.81
7702.50	H	47.63	-59.87	10.96	1.23	-50.14	-25.00	25.14
7702.50	V	47.15	-61.06	10.96	1.23	-51.33	-25.00	26.33

DC_5A_n38A low channel**2572.5 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
80.05	H	48.67	-59.79	0.00	0.26	-60.05	-25.00	35.05
375.41	V	58.33	-47.62	0.00	0.61	-48.23	-25.00	23.23
5145.00	H	47.56	-63.56	10.78	0.96	-53.74	-25.00	28.74
5145.00	V	47.83	-62.65	10.78	0.96	-52.83	-25.00	27.83
7717.50	H	46.19	-61.27	10.97	1.23	-51.53	-25.00	26.53
7717.50	V	46.57	-61.60	10.97	1.23	-51.86	-25.00	26.86

DC_5A_n38A middle channel**2595 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
79.41	H	48.62	-59.40	-0.30	0.26	-59.96	-25.00	34.96
374.21	V	58.44	-47.55	0.00	0.61	-48.16	-25.00	23.16
5190.00	H	47.82	-63.70	10.89	0.97	-53.78	-25.00	28.78
5190.00	V	47.61	-63.15	10.89	0.97	-53.23	-25.00	28.23
7785.00	H	47.55	-59.73	11.03	1.24	-49.94	-25.00	24.94
7785.00	V	47.31	-60.66	11.03	1.24	-50.87	-25.00	25.87

DC_5A_n38A high channel**2617.5 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
80.51	H	48.36	-60.24	0.00	0.26	-60.50	-25.00	35.50
374.62	V	57.27	-48.71	0.00	0.61	-49.32	-25.00	24.32
5235.00	H	47.31	-64.09	11.01	0.98	-54.06	-25.00	29.06
5235.00	V	47.55	-63.12	11.01	0.98	-53.09	-25.00	28.09
7852.50	H	47.19	-59.91	11.08	1.25	-50.08	-25.00	25.08
7852.50	V	47.93	-59.85	11.08	1.25	-50.02	-25.00	25.02

DC_5A_n41A low channel**2501.01 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
80.37	H	48.17	-60.38	0.00	0.26	-60.64	-25.00	35.64
375.91	V	57.63	-48.31	0.00	0.61	-48.92	-25.00	23.92
5002.02	H	47.59	-63.52	10.41	0.92	-54.03	-25.00	29.03
5002.02	V	47.63	-62.99	10.41	0.92	-53.50	-25.00	28.50
7503.03	H	47.88	-60.16	10.80	1.20	-50.56	-25.00	25.56
7503.03	V	47.14	-61.65	10.80	1.20	-52.05	-25.00	27.05

DC_5A_n41A middle channel**2592.99 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
80.45	H	48.23	-60.35	0.00	0.26	-60.61	-25.00	35.61
374.14	V	57.46	-48.53	0.00	0.61	-49.14	-25.00	24.14
5185.98	H	47.52	-63.96	10.88	0.97	-54.05	-25.00	29.05
5185.98	V	47.36	-63.37	10.88	0.97	-53.46	-25.00	28.46
7778.97	H	46.53	-60.77	11.02	1.24	-50.99	-25.00	25.99
7778.97	V	47.69	-60.30	11.02	1.24	-50.52	-25.00	25.52

DC_5A_n41A high channel**2685 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
80.09	H	48.93	-59.54	0.00	0.26	-59.80	-25.00	34.80
375.42	V	57.18	-48.77	0.00	0.61	-49.38	-25.00	24.38
5370.00	H	47.13	-64.02	11.36	1.02	-53.68	-25.00	28.68
5370.00	V	47.29	-63.43	11.36	1.02	-53.09	-25.00	28.09
8055.00	H	47.86	-58.68	11.20	1.28	-48.76	-25.00	23.76
8055.00	V	46.98	-60.21	11.20	1.28	-50.29	-25.00	25.29

DC_5A_n77A low channel**3705 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
81.37	H	48.17	-60.69	0.00	0.26	-60.95	-13.00	47.95
376.25	V	57.43	-48.50	0.00	0.61	-49.11	-13.00	36.11
7410.00	H	46.89	-61.28	10.85	1.20	-51.63	-13.00	38.63
7410.00	V	46.73	-62.06	10.85	1.20	-52.41	-13.00	39.41
11115.00	H	46.92	-56.94	11.16	1.61	-47.39	-13.00	34.39
11115.00	V	46.78	-57.25	11.16	1.61	-47.70	-13.00	34.70

DC_5A_n77A middle channel**3840 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
81.39	H	48.97	-59.90	0.00	0.26	-60.16	-13.00	47.16
374.13	V	56.98	-49.02	0.00	0.61	-49.63	-13.00	36.63
7680.00	H	47.15	-60.41	10.94	1.23	-50.70	-13.00	37.70
7680.00	V	47.84	-60.44	10.94	1.23	-50.73	-13.00	37.73
11520.00	H	47.23	-56.45	11.68	1.56	-46.33	-13.00	33.33
11520.00	V	46.48	-56.43	11.68	1.56	-46.31	-13.00	33.31

DC_5A_n77A high channel**3975 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
79.24	H	48.32	-59.58	-0.38	0.26	-60.22	-13.00	47.22
374.16	V	58.40	-47.59	0.00	0.61	-48.20	-13.00	35.20
7950.00	H	47.53	-59.31	11.16	1.26	-49.41	-13.00	36.41
7950.00	V	47.59	-59.91	11.16	1.26	-50.01	-13.00	37.01
11925.00	H	47.14	-56.63	11.28	1.61	-46.96	-13.00	33.96
11925.00	V	47.68	-55.69	11.28	1.61	-46.02	-13.00	33.02

DC_5A_n78A low channel**3705 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
79.18	H	49.03	-58.82	-0.41	0.26	-59.49	-13.00	46.49
374.27	V	57.69	-48.30	0.00	0.61	-48.91	-13.00	35.91
7410.00	H	46.83	-61.34	10.85	1.20	-51.69	-13.00	38.69
7410.00	V	46.25	-62.54	10.85	1.20	-52.89	-13.00	39.89
11115.00	H	46.12	-57.74	11.16	1.61	-48.19	-13.00	35.19
11115.00	V	46.59	-57.44	11.16	1.61	-47.89	-13.00	34.89

DC_5A_n78A middle channel**3750 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
80.25	H	48.16	-60.36	0.00	0.26	-60.62	-13.00	47.62
375.34	V	58.09	-47.87	0.00	0.61	-48.48	-13.00	35.48
7500.00	H	46.77	-61.28	10.80	1.20	-51.68	-13.00	38.68
7500.00	V	46.84	-61.96	10.80	1.20	-52.36	-13.00	39.36
11250.00	H	47.03	-56.77	11.35	1.60	-47.02	-13.00	34.02
11250.00	V	47.31	-56.32	11.35	1.60	-46.57	-13.00	33.57

DC_5A_n78A high channel**3795 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
81.16	H	49.12	-59.67	0.00	0.26	-59.93	-13.00	46.93
374.17	V	56.63	-49.36	0.00	0.61	-49.97	-13.00	36.97
7590.00	H	47.53	-60.28	10.87	1.21	-50.62	-13.00	37.62
7590.00	V	47.49	-61.05	10.87	1.21	-51.39	-13.00	38.39
11385.00	H	46.38	-57.35	11.54	1.58	-47.39	-13.00	34.39
11385.00	V	46.84	-56.39	11.54	1.58	-46.43	-13.00	33.43

DC_12A_n66A low channel**1712.5 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
79.45	H	48.37	-59.68	-0.27	0.26	-60.21	-13.00	47.21
375.84	V	57.12	-48.82	0.00	0.61	-49.43	-13.00	36.43
3425.00	H	62.79	-50.11	10.54	0.72	-40.29	-13.00	27.29
3425.00	V	66.53	-46.37	10.54	0.72	-36.55	-13.00	23.55
5137.50	H	58.96	-52.09	10.76	0.96	-42.29	-13.00	29.29
5137.50	V	62.37	-48.07	10.76	0.96	-38.27	-13.00	25.27

DC_12A_n66A middle channel**1745 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
80.35	H	48.73	-59.82	0.00	0.26	-60.08	-13.00	47.08
375.64	V	57.92	-48.03	0.00	0.61	-48.64	-13.00	35.64
3490.00	H	62.84	-50.61	10.59	0.72	-40.74	-13.00	27.74
3490.00	V	66.38	-47.01	10.59	0.72	-37.14	-13.00	24.14
5235.00	H	58.74	-52.66	11.01	0.98	-42.63	-13.00	29.63
5235.00	V	61.52	-49.15	11.01	0.98	-39.12	-13.00	26.12

DC_12A_n66A high channel**1777.5 MHz**

Frequency (MHz)	Polar (H/V)	Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
79.41	H	48.63	-59.39	-0.30	0.26	-59.95	-13.00	46.95
375.19	V	58.19	-47.77	0.00	0.61	-48.38	-13.00	35.38
3555.00	H	63.02	-50.35	10.63	0.73	-40.45	-13.00	27.45
3555.00	V	66.17	-46.99	10.63	0.73	-37.09	-13.00	24.09
5332.50	H	58.42	-52.65	11.26	1.01	-42.40	-13.00	29.40
5332.50	V	62.09	-48.45	11.26	1.01	-38.20	-13.00	25.20

Note:

- 1) The unit of Antenna Gain is dBd for frequency below 1GHz, and the unit of Antenna Gain is dBi for frequency above 1GHz.
- 2) Absolute Level = Substituted Level - Cable loss + Antenna Gain
- 3) Margin = Limit-Absolute Level

EXHIBIT A - EUT PHOTOGRAPHS

Please refer to the attachment 2602R09298E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and
2602R09298E-RF-INP EUT INTERNAL PHOTOGRAPHS

EXHIBIT B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2602R09298E-RF-00J-TSP TEST SETUP PHOTOGRAPHS.

******* END OF REPORT *******