

TEST REPORT

of

FCC Part 2 Subpart J, Part 22 Subpart C/H,
Part 24 Subpart E, Part 27 Subpart C Part 90 Subpart R/S
IC RSS-130 Issue 2, RSS-132 Issue 3, RSS-133 Issue 6,
RSS-139 Issue 3, RSS-140 Issue 1,
RSS-199 Issue 3 and RSS-Gen Issue 5

FCC ID: BEJTM05FNNAGM0
IC Certification: 2703H-TM05FNNAGM0

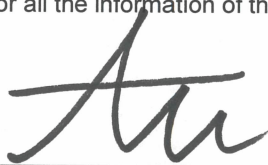
Equipment Under Test : Telematics Module
Model Name : TM05FNNAGM0
Variant Model Name(s) : TM05FNNAGM1
Applicant : FCC: LG Electronics USA
IC: LG ELECTRONICS INC.
Manufacturer : LG Electronics Inc.
Date of Receipt : 2022.07.22
Date of Test(s) : 2022.07.25 ~ 2023.02.16
Date of Issue : 2023.02.16

In the configuration tested, the EUT complied with the standards specified above. This test report does not assure KOLAS accreditation.

- 1) The results of this test report are effective only to the items tested.
- 2) The SGS Korea is not responsible for the sampling, the results of this test report apply to the sample as received.
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- 4) The data marked ※ in this report was provided by the customer and may affect the validity of the test results.

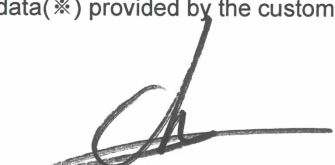
We are responsible for all the information of this test report except for the data(※) provided by the customer.

Tested by:



Teo Kim

Technical
Manager:



Jinhyoung Cho

SGS Korea Co., Ltd. Gunpo Laboratory

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1. General Information

1.1. Testing Laboratory

SGS Korea Co., Ltd. (Gunpo Laboratory)

- 10-2, LS-ro 182beon-gil, Gunpo-si, Gyeonggi-do, Korea, 15807
- 4, LS-ro 182beon-gil, Gunpo-si, Gyeonggi-do, Korea, 15807
- Designation number: KR0150

All SGS services are rendered in accordance with the applicable SGS conditions of service available on request and accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>.

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1.2. Details of Applicant

FCC Applicant : LG Electronics USA

FCC Address : 111 Sylvan Avenue, North Building, Englewood Cliffs, New Jersey, United States, 07632

IC Applicant : LG ELECTRONICS INC.

IC Address : 222, LG-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, Korea (Republic of), 451-713

Contact Person : Cho, Hee-jae

Phone No. : +1 201 470 2696

1.3. Details of Manufacturer

Company : LG Electronics Inc.

Address : 10, Magokjungang 10-ro, Gangseo-gu, Seoul, Korea, 07796

1.4. Description of EUT

Kind of Product	Telematics Module
Model Name	TM05FNNAGM0
Variant Model Name	TM05FNNAGM1
Serial Number	Conducted: 351015130056680 Radiated: 351015130065751
Power Supply	DC 3.90 V
Rated Power	NR Band 2, 5, 7, 12, 13, 14, 25, 26, 71: 24 dBm NR Band 66: 23.5 dBm
Frequency Range	NR Band 2: 1 850 MHz ~ 1 910 MHz NR Band 5: 824 MHz ~ 849 MHz NR Band 7: 2 500 MHz ~ 2 570 MHz NR Band 12: 699 MHz ~ 716 MHz NR Band 13: 777 MHz ~ 787 MHz NR Band 14: 788 MHz ~ 798 MHz NR Band 25: 1 850 MHz ~ 1 915 MHz NR Band 26(FCC Only): 814 MHz ~ 824 MHz NR Band 26: 824 MHz ~ 849 MHz NR Band 66: 1 710 MHz ~ 1 780 MHz NR Band 71: 663 MHz ~ 698 MHz
Modulation Technique	BPSK, QPSK, 16QAM, 64QAM
Antenna Type	External Antenna
Antenna Gain*	Refer to the clause 1.15
H/W Version	REV.D
S/W Version	SW168
FVIN	N/A

1.5. Test Equipment List

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Interval	Cal. Due
Signal Generator	R&S	SMA100B	106887	Oct. 13, 2022	Annual	Oct. 13, 2023
Signal Generator	R&S	SMBV100A	255834	May 25, 2022	Annual	May 25, 2023
Spectrum Analyzer	R&S	FSV30	103210	Dec. 07, 2022	Annual	Dec. 07, 2023
Spectrum Analyzer	Agilent	N9020A	MY53421758	Aug. 26, 2022	Annual	Aug. 26, 2023
Spectrum Analyzer	Agilent	N9030A	US51350132	Nov. 16, 2022	Annual	Nov. 16, 2023
Mobile Test Unit	R&S	CMW 500	144034	Feb. 21, 2022	Annual	Feb. 21, 2023
Communication test station	Anritsu	MT8000A	6261949671	Oct. 12, 2022	Annual	Oct. 12, 2023
Communication Analyzer	Anritsu	MT8821C	6262192291	Oct. 11, 2022	Annual	Oct. 11, 2023
Power Meter	Anritsu	ML2495A	1223004	Nov. 29, 2022	Annual	Nov. 29, 2023
Power Sensor	Anritsu	MA2411B	1207272	May 27, 2022	Annual	May 27, 2023
Temperature Chamber	ESPEC CORP.	SH-662	93000533	Jun. 02, 2022	Annual	Jun. 02, 2023
Low Pass Filter	Mini-Circuits	NLP-1200+	V 8979400903-1	May 13, 2022	Annual	May 13, 2023
High Pass Filter	Wainwright Instrument GmbH	WHKX10-900-1000-18000-40SS	7	Mar. 04, 2022	Annual	Mar. 04, 2023
High Pass Filter	Wainwright Instrument GmbH	WHKX2.2/12.75G-10SS	8	Mar. 04, 2022	Annual	Mar. 04, 2023
High Pass Filter	Wainwright Instrument GmbH	WHKX3.0/18G-6SS	21	Jun. 09, 2022	Annual	Jun. 09, 2023
High Pass Filter	Wainwright Instrument GmbH	WHNX7.5/26.5G-6SS	11	Oct. 24, 2022	Annual	Oct. 24, 2023
Power Splitter	Weinschel	1534	499	May 31, 2022	Annual	May 31, 2023
BRIDGE COUPLER	MARKI MICROWAVE INC	CBR16-0012	1542	May 06, 2022	Annual	May 06, 2023
Directional Coupler	KRYTAR	152613	122660	Jul. 06, 2022	Annual	Jul. 06, 2023
DC Power Supply	Agilent	U8002A	MY49030063	Jan. 20, 2023	Annual	Jan. 20, 2024
Preamplifier	H.P.	8447F	2944A03909	Aug. 04, 2022	Annual	Aug. 04, 2023
Preamplifier	R&S	SCU 18	10117	Jun. 13, 2022	Annual	Jun. 13, 2023
Preamplifier	TESTEK	TK-PA1840H	130016	Jan. 11, 2023	Annual	Jan. 11, 2024
Test Receiver	R&S	ESCI 7	100911	Feb. 23, 2022	Annual	Feb. 23, 2023
Loop Antenna	Schwarzbeck Mess-Elektronik	FMZB 1519	1519-039	Aug. 23, 2021	Biennial	Aug. 23, 2023
Bilog Antenna	Schwarzbeck Mess-Elektronik	VULB9163	01126	Feb. 07, 2022	Annual	Feb. 07, 2023
Horn Antenna	R&S	HF906	100326	Feb. 18, 2022	Annual	Feb. 18, 2023
Horn Antenna	Schwarzbeck Mess-Elektronik	BBHA 9170	9170-540	Nov. 30, 2022	Annual	Nov. 30, 2023
Antenna Master	Innco systems GmbH	MA4640-XP-ET	MA4640/536/383 30516/L	N.C.R.	N/A	N.C.R.
Turn Table	Innco systems GmbH	DS 1200S	N/A	N.C.R.	N/A	N.C.R.
Controller	Innco systems GmbH	CONTROLLER CO3000-4P	CO3000/963/383 30516/L	N.C.R.	N/A	N.C.R.
Anechoic Chamber	SY Corporation	L × W × H (9.6 m × 6.4 m × 6.6 m)	N/A	N.C.R.	N/A	N.C.R.
Coaxial Cable	RFONE	MWX221-NMSNMS (4 m)	J1023142	Oct. 04, 2022	Semi-Annual	Apr. 04, 2023
Coaxial Cable	Qualwave Inc.	QA500-18-NN-10 (10 m)	22200114	Oct. 04, 2022	Semi-Annual	Apr. 04, 2023
Coaxial Cable	RADIALL	TESTPRO 3	182287	Aug. 18, 2022	Semi-Annual	Feb. 18, 2023
Coaxial Cable	RADIALL	TESTPRO 3	182288	Aug. 18, 2022	Semi-Annual	Feb. 18, 2023
Coaxial Cable	RADIALL	TESTPRO 3	182291	Aug. 18, 2022	Semi-Annual	Feb. 18, 2023

Note;

- For equipment listed above that has a calibration date or calibration due date that falls within the test date range, care was taken to ensure that this equipment was used after the calibration date and before the calibration due date.

1.6. Summary of Test Results

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 2, 22, 24, 27 and 90 / IC RSS-Gen Issue 5, RSS-130 Issue 2, RSS-132 Issue 3, RSS-133 Issue 6, RSS-139 Issue 3, RSS-140 Issue 1 and RSS-199 Issue 3			
Section(s) in FCC	Section(s) in IC	Test Item	Result
§2.1046 §22.913(a)(5) §24.232(c) §27.50(b)(10) §27.50(c)(10) §27.50(d)(4) §27.50(h)(2) §90.542(a)(7) §90.635(b)	RSS-130 Issue 2 4.6 RSS-132 Issue 3 5.4 RSS-133 Issue 6 6.4 RSS-139 Issue 3 6.5 RSS-140 Issue 1 4.3 RSS-199 Issue 3 4.4	E.R.P. / E.I.R.P.	Complied
§22.917(a) §24.238(a) §27.53(c)(2) §27.53(f) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.543(e) §90.543(f) §90.691(a)	RSS-130 Issue 2 4.7 RSS-132 Issue 3 5.5 RSS-133 Issue 6 6.5 RSS-139 Issue 3 6.6 RSS-140 Issue 1 4.4 RSS-199 Issue 3 4.5	Radiated Spurious Emissions	Complied
§2.1046	RSS-Gen Issue 5 6.12	Conducted Output Power	Complied
§2.1049	RSS-Gen Issue 5 6.7	Occupied Bandwidth	Complied
§22.913(d) §24.232(d) §27.50(d)(5)	RSS-130 Issue 2 4.6 RSS-132 Issue 3 5.4 RSS-133 Issue 6 6.4 RSS-139 Issue 3 6.5 RSS-140 Issue 1 4.3 RSS-199 Issue 3 4.4	Peak-Average Ratio	Complied
§22.917(a) §24.238(a) §27.53(c)(2) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.543(e) §90.691(a)	RSS-130 Issue 2 4.7 RSS-132 Issue 3 5.5 RSS-133 Issue 6 6.5 RSS-139 Issue 3 6.6 RSS-140 Issue 1 4.4 RSS-199 Issue 3 4.5	Spurious Emission at Antenna Terminal	Complied
§22.917(a) §24.238(a) §27.53(c)(2) §27.53(c)(4) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.543(e) §90.691(a)	RSS-130 Issue 2 4.7 RSS-132 Issue 3 5.5 RSS-133 Issue 6 6.5 RSS-139 Issue 3 6.6 RSS-140 Issue 1 4.4 RSS-199 Issue 3 4.5	Band Edge	Complied
§2.1055 §22.355 §24.235 §27.54 §90.213(a)	RSS-Gen Issue 5 6.11 RSS-130 Issue 2 4.5 RSS-132 Issue 3 5.3 RSS-133 Issue 6 6.3 RSS-139 Issue 3 6.4 RSS-140 Issue 1 4.2 RSS-199 Issue 3 4.3	Frequency Stability	Complied

1.7. Sample Calculation for Offset

Where relevant, the following sample calculation is provided:

1.7.1. Conducted Test

Offset value (dB) = Directional Coupler (dB) + Cable loss (dB)

1.7.2. Radiation test

- E.I.R.P. (dB m) = Measured level (dB μ V) + Antenna factor (dB/m) + Cable loss (dB) + 20 Log D - 104.8;
where D is the measurement distance in meters.
- E.R.P. (dB m) = E.I.R.P. (dB m) - 2.15 (dB)

1.8. Device Capabilities

This device contains the following capabilities;

NR Band 2 (1 850 MHz ~ 1 910 MHz) is covered by NR Band 25 (1 850 MHz ~ 1 915 MHz) due to overlapping frequency range, same maximum tune-up limit and same channel bandwidth. Therefore test data provided in this report covers NR Band 2 as well as Band 25.

NR Band 5 (824 MHz ~ 849 MHz) is covered by NR Band 26 (824 MHz ~ 849 MHz) due to overlapping frequency range, same maximum tune-up limit and same channel bandwidth. Therefore test data provided in this report covers NR Band 5 as well as Band 26.

1.9. Manufacturer Declaration

The EUT supports two ports and LTE, WCDMA and 5G NR FDD bands support only port 1.
The 5G NR TDD (n41, n77, n78) band supports both port 1 and port 2.

Port 1 supports 5G NR TDD bands only for MIMO mode with CP-OFDM Modulation only.

1.10. ENDC Configuration

NR Band	SCS (kHz)	Bandwidth (MHz)	Waveform	Modulation	ENDC LTE Band
n2	15	5, 10, 15, 20	DFTS OFDM, CP OFDM	BPSK, QPSK, 16QAM, 64QAM	5, 12, 13, 14
n5	15	5, 10, 15, 20			2, 7, 66
n7	15	5, 10, 15, 20			5, 12
n12	15	5, 10, 15			2, 66
n13	15	5, 10			66
n25	15	5, 10, 15, 20			12
n66	15	5, 10, 15, 20, 40			5, 12, 13, 14
n71	15	5, 10, 15, 20			2, 7, 66

1.11. Worst Case Configuration and Mode

The worst-case is based on the conducted output power measurement investigation results. All testing was performed using BPSK, QPSK, 16QAM and 64QAM modulations. If both SA and NSA were supported, SA was tested as worst case and NSA was tested only radiated spurious emission for worst conducted output power combination.

On ENDC mode, only radiated spurious emission were tested as worst case for worst conducted output power combination.

However, the spurious radiated emission and spurious at antenna terminal were only performed on bandwidth and RB offset (with RB size 1) with the highest conducted power.

The peak to average ratio were tested only 64QAM modulation as worst case.

The radiation test of the EUT was investigated in three orthogonal orientations X, Y, and Z, and the worst case data is reported.

1.12. Measurement Configuration

Test Items	Band	Test Channel			Bandwidth (MHz)												Modulation DFTS-OFDM				Modulation CP-OFDM			RB #		
		Low	Mid	High	5	10	15	20	25	30	40	50	60	80	90	100	BPSK	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	1	Half	Full
Conducted Output Power	n7	V	V	V	V	V	V	V									V	V	V	V	V	V	V	V	V	V
	n12	V	V	V	V	V	V										V	V	V	V	V	V	V	V	V	V
	n13	V	V	V	V	V											V	V	V	V	V	V	V	V	V	V
	n14	V	V	V	V	V											V	V	V	V	V	V	V	V	V	V
	n25/2	V	V	V	V	V	V	V									V	V	V	V	V	V	V	V	V	V
	n26/5 part 22	V	V	V	V	V	V	V									V	V	V	V	V	V	V	V	V	V
	n26 part 22	V	V	V	V	V											V	V	V	V	V	V	V	V	V	V
	n66	V	V	V	V	V	V	V			V						V	V	V	V	V	V	V	V	V	V
n71	V	V	V	V	V	V	V									V	V	V	V	V	V	V	V	V	V	
Frequency Stability	n7	-	V	-	V	-	-	-									-	V	-	-	-	-	-	-	-	V
	n12	-	V	-	V	-	-										-	V	-	-	-	-	-	-	-	V
	n13	-	V	-	V	-											-	V	-	-	-	-	-	-	-	V
	n14	-	V	-	V	-											-	V	-	-	-	-	-	-	-	V
	n25/2	-	V	-	V	-	-	-									-	V	-	-	-	-	-	-	-	V
	n26/5 part 22	-	V	-	V	-	-	-									-	V	-	-	-	-	-	-	-	V
	n26 part 22		V		V	-											-	V	-	-	-	-	-	-	-	V
	n66	-	V	-	V	-	-	-			-						-	V	-	-	-	-	-	-	-	V
n71	-	V	-	V	-	-	-									-	V	-	-	-	-	-	-	-	V	
Occupied Bandwidth	n7	-	V	-	V	V	V	V									V	V	V	-	V	V	-	-	-	V
	n12	-	V	-	V	V	V										V	V	V	-	V	V	-	-	-	V
	n13	-	V	-	V	V											V	V	V	-	V	V	-	-	-	V
	n14	-	V	-	V	V											V	V	V	-	V	V	-	-	-	V
	n25/2	-	V	-	V	V	V	V									V	V	V	-	V	V	-	-	-	V
	n26/5 part 22	-	V	-	V	V	V	V									V	V	V	-	V	V	-	-	-	V
	n26 part 22	-	V	-	V	V											V	V	V	-	V	V	-	-	-	V
	n66	-	V	-	V	V	V	V			V						V	V	V	-	V	V	-	-	-	V
n71	-	V	-	V	V	V	V									V	V	V	-	V	V	-	-	-	V	
Peak-to-Average Ratio	n7	V	V	V	V	V	V	V									-	-	-	V	-	-	V	-	-	V
	n12	V	V	V	V	V	V										-	-	-	V	-	-	V	-	-	V
	n13	V	V	V	V	V											-	-	-	V	-	-	V	-	-	V
	n14	V	V	V	V	V											-	-	-	V	-	-	V	-	-	V
	n25/2	V	V	V	V	V	V	V									-	-	-	V	-	-	V	-	-	V
	n26/5 part 22	V	V	V	V	V	V	V									-	-	-	V	-	-	V	-	-	V
	n26 part 22	V	V	V	V	V											-	-	-	V	-	-	V	-	-	V
	n66	V	V	V	V	V	V	V			V						-	-	-	V	-	-	V	-	-	V
n71	V	V	V	V	V	V	V									-	-	-	V	-	-	V	-	-	V	
Band edge	n7	V	-	V	V	V	V	V									-	V	V	-	V	V	-	V	-	V
	n12	V	-	V	V	V	V										-	V	V	-	V	V	-	V	-	V
	n13	V	-	V	V	V											-	V	V	-	V	V	-	V	-	V
	n14	V	-	V	V	V											-	V	V	-	V	V	-	V	-	V
	n25/2	V	-	V	V	V	V	V									-	V	V	-	V	V	-	V	-	V
	n26/5 part 22	V	-	V	V	V	V	V									-	V	V	-	V	V	-	V	-	V
	n26 part 22	V	-	V	V	V											-	V	V	-	V	V	-	V	-	V
	n66	V	-	V	V	V	V	V			V						-	V	V	-	V	V	-	V	-	V
n71	V	-	V	V	V	V	V									-	V	V	-	V	V	-	V	-	V	
Spurious at antenna terminal & Radiated Spurious Emissions	n7	V	V	V	Worst case																					
	n12	V	V	V	Worst case																					
	n13	V	V	V	Worst case																					
	n14	V	V	V	Worst case																					
	n25/2	V	V	V	Worst case																					
	n26/5 part 22	V	V	V	Worst case																					
	n26 part 22				Worst case																					
	n66	V	V	V	Worst case																					
n71	V	V	V	Worst case																						

ENDC

Test Items	NR Band	Test Channel			Bandwidth (MHz)												Modulation DFTS-OFDM				Modulation CP-OFDM			RB #		
		Low	Mid	High	5	10	15	20	25	30	40	50	60	80	90	100	BPSK	QPSK	16QAM	64QAM	QPSK	16QAM	64QAM	1	Half	Full
Conducted Output Power	n2	V	V	V	V	V	V	V									V	V	-	-	-	-	-	V	-	-
	n5	V	V	V	V	V	V	V									V	V	-	-	-	-	-	V	-	-
	n7	V	V	V	V	V	V	V									V	V	-	-	-	-	-	V	-	-
	n12	V	V	V	V	V	V										V	V	-	-	-	-	-	V	-	-
	n13	V	V	V	V	V											V	V	-	-	-	-	-	V	-	-
	n25	V	V	V	V	V	V	V									V	V	-	-	-	-	-	V	-	-
	n66	V	V	V	V	V	V	V			V						V	V	-	-	-	-	-	V	-	-
	n71	V	V	V	V	V	V	V									V	V	-	-	-	-	-	V	-	-
Spurious Radiated Emission	n2	V	V	V	Worst case																					
	n5	V	V	V	Worst case																					
	n7	V	V	V	Worst case																					
	n12	V	V	V	Worst case																					
	n13	V	V	V	Worst case																					
	n25	V	V	V	Worst case																					
	n66	V	V	V	Worst case																					
	n71	V	V	V	Worst case																					

Note;

- All measurement was performed with 1RB or FULL RB or both, we chosen RB condition for each test items as worst case.

Radiated Emission Test

NR Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Resource Block Allocation
				RBs allocated
n7	15	5	DFTS OFDM - QPSK	1
n12	15	15	DFTS OFDM - QPSK	1
n13	15	10	DFTS OFDM - QPSK	1
n14	15	10	DFTS OFDM - QPSK	1
n25/2	15	10	DFTS OFDM - QPSK	1
n26/5 Part 22	15	10	DFTS OFDM - QPSK	1
n26 Part 90	15	10	DFTS OFDM - QPSK	1
n66	15	5	DFTS OFDM - QPSK	1
n71	15	15	DFTS OFDM - QPSK	1

ENDC

NR Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Resource Block Allocation
				RBs allocated
5A-n2A	15	5-15	DFTS OFDM - BPSK	1
7A-n5A	15	20-15	DFTS OFDM - BPSK	1
5A-n7A	15	5-20	DFTS OFDM - BPSK	1
66A-n12A	15	15-15	DFTS OFDM - QPSK	1
66A-n13A	15	15-5	DFTS OFDM - BPSK	1
12A-n25A	15	10-15	DFTS OFDM - BPSK	1
5A-n66A	15	5-40	DFTS OFDM - BPSK	1
66A-n71A	15	15-10	DFTS OFDM - BPSK	1

1.13. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Parameter	Uncertainty	
RF Output Power	0.32 dB	
Occupied Bandwidth	3.90 kHz	
Conducted Spurious Emissions	0.61 dB	
Peak to Average Ratio	0.60 dB	
Frequency Stability	5.97 kHz	
Radiated Emission, 9 kHz to 30 MHz	H	3.40 dB
	V	3.40 dB
Radiated Emission, below 1 GHz	H	4.50 dB
	V	5.10 dB
Radiated Emission, above 1 GHz	H	3.70 dB
	V	3.90 dB

All measurement uncertainty values are shown with a coverage factor of $k=2$ to indicate a 95 % level of confidence.

1.14. Test Report Revision

Revision	Report Number	Date of Issue	Description
0	F690501-RF-RTL003821	2023.02.16	Initial

1.15. Antenna Information

Band	Operating Frequency (MHz)	Antenna Peak Gain (dB i)
NR 7	2 500 ~ 2 570	5.99
NR 12	699 ~ 716	-1.05
NR 13	777 ~ 787	-0.53
NR 14	788 ~ 798	-0.53
NR 25/2	1 850 ~ 1 915	5.12
NR 26	814 ~ 824	0.37
NR 26/5	824 ~ 849	0.37
NR 66	1 710 ~ 1 780	5.54
NR 71	663 ~ 698	0.37

1.16. Emission Designator and Max Power

NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.I.R.P. Average (dB m)	E.I.R.P. Average (W)	Emission Designator
n7	5	DFTS-OFDM	BPSK	2 502.5	2 567.5	23.93	5.99	29.92	0.982	4M48G7D
			QPSK			24.05		30.04	1.009	4M50G7D
			16QAM			22.88		28.87	0.771	4M49D7D
		CP-OFDM	QPSK			22.49		28.48	0.705	4M49G7D
			16QAM			21.88		27.87	0.612	4M51D7D
			16QAM			21.88		27.87	0.612	4M51D7D
	10	DFTS-OFDM	BPSK	2 505	2 565	23.83		29.82	0.959	8M93G7D
			QPSK			23.85		29.84	0.964	8M93G7D
			16QAM			22.69		28.68	0.738	8M93D7D
		CP-OFDM	QPSK			22.33		28.32	0.679	9M29G7D
			16QAM			21.77		27.76	0.597	9M27D7D
			16QAM			21.77		27.76	0.597	9M27D7D
	15	DFTS-OFDM	BPSK	2 507.5	2 562.5	23.94		29.93	0.984	13M5G7D
			QPSK			23.95		29.94	0.986	13M5G7D
			16QAM			22.89		28.88	0.773	13M5D7D
		CP-OFDM	QPSK			22.50		28.49	0.706	14M2G7D
			16QAM			21.88		27.87	0.612	14M1D7D
			16QAM			21.88		27.87	0.612	14M1D7D
	20	DFTS-OFDM	BPSK	2 510	2 560	23.95		29.94	0.986	17M9G7D
			QPSK			24.01		30.00	1.000	17M9G7D
			16QAM			22.91		28.90	0.776	17M9D7D
		CP-OFDM	QPSK			22.49		28.48	0.705	18M9G7D
			16QAM			22.04		28.03	0.635	18M9D7D
			16QAM			22.04		28.03	0.635	18M9D7D

NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.R.P. Average (dB m)	E.R.P. Average (W)	Emission Designator
n12	5	DFTS-OFDM	BPSK	701.5	713.5	24.65	-1.05	21.45	0.140	4M49G7D
			QPSK			24.60		21.40	0.138	4M49G7D
			16QAM			23.55		20.35	0.108	4M48D7D
		CP-OFDM	QPSK			23.20		20.00	0.100	4M50G7D
			16QAM			22.70		19.50	0.089	4M50D7D
			16QAM			22.70		19.50	0.089	4M50D7D
	10	DFTS-OFDM	BPSK	704	711	24.57		21.37	0.137	8M91G7D
			QPSK			24.56		21.36	0.137	8M93G7D
			16QAM			23.49		20.29	0.107	8M95D7D
		CP-OFDM	QPSK			23.03		19.83	0.096	9M31G7D
			16QAM			22.58		19.38	0.087	9M27D7D
			16QAM			22.58		19.38	0.087	9M27D7D
	15	DFTS-OFDM	BPSK	706.5	708.5	24.78		21.58	0.144	13M5G7D
			QPSK			24.79		21.59	0.144	13M4G7D
			16QAM			23.76		20.56	0.114	13M5D7D
		CP-OFDM	QPSK			23.24		20.04	0.101	14M2G7D
			16QAM			22.84		19.64	0.092	14M1D7D
			16QAM			22.84		19.64	0.092	14M1D7D

NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.R.P. Average (dB m)	E.R.P. Average (W)	Emission Designator
n13	5	DFTS-OFDM	BPSK	779.5	784.5	24.70	-0.53	22.02	0.159	4M50G7D
			QPSK			24.65		21.97	0.157	4M49G7D
			16QAM			23.56		20.88	0.122	4M48D7D
		CP-OFDM	QPSK			23.01		20.33	0.108	4M50G7D
			16QAM			22.44		19.76	0.095	4M51D7D
			16QAM			24.76		22.08	0.161	8M89G7D
	10	DFTS-OFDM	BPSK	782	782	24.78		22.10	0.162	8M93G7D
			QPSK			23.16		20.48	0.112	8M91D7D
			16QAM			22.92		20.24	0.106	9M27G7D
		CP-OFDM	QPSK			22.44		19.76	0.095	9M25D7D
			16QAM							
			16QAM							

NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.R.P. Average (dB m)	E.R.P. Average (W)	Emission Designator
n14	5	DFTS-OFDM	BPSK	790.5	795.5	24.61	-0.53	21.93	0.156	4M49G7D
			QPSK			24.73		22.05	0.160	4M48G7D
			16QAM			23.63		20.95	0.124	4M48D7D
		CP-OFDM	QPSK			23.18		20.50	0.112	4M51G7D
			16QAM			22.69		20.01	0.100	4M49D7D
			16QAM			24.55		21.87	0.154	8M91G7D
	10	DFTS-OFDM	BPSK	793	793	24.90		22.22	0.167	8M93G7D
			QPSK			24.08		21.40	0.138	8M95D7D
			16QAM			23.03		20.35	0.108	9M29G7D
		CP-OFDM	QPSK			22.54		19.86	0.097	9M27D7D
			16QAM							
			16QAM							

NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.I.R.P. Average (dB m)	E.I.R.P. Average (W)	Emission Designator
n25/2	5	DFTS-OFDM	BPSK	1 852.5	1 912.5	23.47	5.12	28.59	0.723	4M49G7D
			QPSK			23.49		28.61	0.726	4M49G7D
			16QAM			22.43		27.55	0.569	4M48D7D
		CP-OFDM	QPSK			22.01		27.13	0.516	4M51G7D
			16QAM			21.55		26.67	0.465	4M50D7D
			16QAM			23.60		28.72	0.745	8M93G7D
	10	DFTS-OFDM	BPSK	1 855	1 910	23.67		28.79	0.757	8M93G7D
			QPSK			22.68		27.80	0.603	8M93D7D
			16QAM			22.10		27.22	0.527	9M29G7D
		CP-OFDM	QPSK			21.57		26.69	0.467	9M27D7D
			16QAM			23.66		28.78	0.755	13M5G7D
			16QAM			23.61		28.73	0.746	13M6G7D
	15	DFTS-OFDM	BPSK	1 857.5	1 907.5	22.63		27.75	0.596	13M5D7D
			QPSK			22.21		27.33	0.541	14M2G7D
			16QAM			21.70		26.82	0.481	14M1D7D
		CP-OFDM	QPSK			23.60		28.72	0.745	17M9G7D
			QPSK			23.59		28.71	0.743	17M8G7D
			16QAM			22.59		27.71	0.590	17M9D7D
	20	DFTS-OFDM	BPSK	1 860	1 905	22.10		27.22	0.527	18M9G7D
			QPSK			21.66		26.78	0.476	18M9D7D
			16QAM							
		CP-OFDM	QPSK							
			16QAM							
			16QAM							

NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.R.P. Average (dB m)	E.R.P. Average (W)	Emission Designator
n26/5 part 22	5	DFTS-OFDM	BPSK	826.5	846.5	24.29	0.37	22.51	0.178	4M47G7D
			QPSK			24.32		22.54	0.179	4M49G7D
			16QAM			23.35		21.57	0.144	4M48D7D
		CP-OFDM	QPSK			22.89		21.11	0.129	4M49G7D
			16QAM			22.38		20.60	0.115	4M51D7D
			16QAM			24.46		22.68	0.185	8M93G7D
	10	DFTS-OFDM	BPSK	829	844	24.55		22.77	0.189	8M93G7D
			QPSK			23.50		21.72	0.149	8M93D7D
			16QAM			22.94		21.16	0.131	9M29G7D
		CP-OFDM	QPSK			22.45		20.67	0.117	9M27D7D
			16QAM			24.51		22.73	0.187	13M5G7D
			16QAM			24.54		22.76	0.189	13M5G7D
	15	DFTS-OFDM	BPSK	831.5	841.5	23.37		21.59	0.144	13M5D7D
			QPSK			22.99		21.21	0.132	14M1G7D
			16QAM			22.46		20.68	0.117	14M1D7D
		CP-OFDM	QPSK			24.46		22.68	0.185	17M8G7D
			16QAM			24.45		22.67	0.185	17M9G7D
			16QAM			23.34		21.56	0.143	17M9D7D
	20	DFTS-OFDM	BPSK	834	839	22.98		21.20	0.132	18M9G7D
			QPSK			22.37		20.59	0.115	18M9D7D
			16QAM							
		CP-OFDM	QPSK							
			16QAM							
			16QAM							

NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.R.P. Average (dB m)	E.R.P. Average (W)	Emission Designator
n26 part 90	5	DFTS-OFDM	BPSK	816.5	821.5	24.43	0.37	22.65	0.184	4M49G7D
			QPSK			24.37		22.59	0.182	4M48G7D
			16QAM			23.51		21.73	0.149	4M49D7D
		CP-OFDM	QPSK			22.97		21.19	0.132	4M52G7D
			16QAM			22.42		20.64	0.116	4M51D7D
			16QAM			24.46		22.68	0.185	8M91G7D
	10	DFTS-OFDM	BPSK	819	819	24.47		22.69	0.186	8M91G7D
			QPSK			23.44		21.66	0.147	8M95D7D
			16QAM			22.93		21.15	0.130	9M27G7D
		CP-OFDM	QPSK			22.54		20.76	0.119	9M25D7D
			16QAM							
			16QAM							

NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.I.R.P. Average (dB m)	E.I.R.P. Average (W)	Emission Designator
n66	5	DFTS-OFDM	BPSK	1 712.5	1 777.5	22.82	5.54	28.36	0.685	4M50G7D
			QPSK			22.95		28.49	0.706	4M48G7D
			16QAM			21.72		27.26	0.532	4M49D7D
		CP-OFDM	QPSK			21.14		26.68	0.466	4M50G7D
			16QAM			20.71		26.25	0.422	4M50D7D
			16QAM			22.79		28.33	0.681	8M93G7D
	10	DFTS-OFDM	BPSK	1 715	1 775	22.82		28.36	0.685	8M93G7D
			QPSK			21.73		27.27	0.533	8M93D7D
			16QAM			21.24		26.78	0.476	9M29G7D
		CP-OFDM	QPSK			20.81		26.35	0.432	9M27D7D
			16QAM			22.90		28.44	0.698	13M5G7D
			16QAM			22.92		28.46	0.701	13M5G7D
	15	DFTS-OFDM	BPSK	1 717.5	1 772.5	21.82		27.36	0.545	13M5D7D
			QPSK			21.30		26.84	0.483	14M2G7D
			16QAM			20.91		26.45	0.442	14M1D7D
		CP-OFDM	QPSK			22.94		28.48	0.705	17M9G7D
			16QAM			22.95		28.49	0.706	17M9G7D
			16QAM			21.94		27.48	0.560	17M9D7D
	20	DFTS-OFDM	BPSK	1 720	1 770	21.44		26.98	0.499	18M9G7D
			QPSK			20.91		26.45	0.442	18M9D7D
			16QAM			22.94		28.48	0.705	38M7G7D
		CP-OFDM	QPSK			22.92		28.46	0.701	38M9G7D
			16QAM			21.94		27.48	0.560	38M8D7D
			16QAM			21.48		27.02	0.504	38M8G7D
	40	DFTS-OFDM	BPSK	1 730	1 760	20.90		26.44	0.441	38M8D7D
			QPSK							
			16QAM							
		CP-OFDM	QPSK							
			16QAM							
			16QAM							

NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.R.P. Average (dB m)	E.R.P. Average (W)	Emission Designator
n71	5	DFTS-OFDM	BPSK	665.5	695.5	24.46	0.37	22.68	0.185	4M49G7D
			QPSK			24.44		22.66	0.185	4M49G7D
			16QAM			23.39		21.61	0.145	4M48D7D
		CP-OFDM	QPSK			22.98		21.20	0.132	4M50G7D
			16QAM			22.37		20.59	0.115	4M49D7D
			16QAM			24.34		22.56	0.180	8M91G7D
	10	DFTS-OFDM	BPSK	668	693	24.33		22.55	0.180	8M93G7D
			QPSK			23.33		21.55	0.143	8M93D7D
			16QAM			22.94		21.16	0.131	9M29G7D
		CP-OFDM	QPSK			22.29		20.51	0.112	9M27D7D
			16QAM			24.49		22.71	0.187	13M4G7D
			16QAM			24.51		22.73	0.187	13M5G7D
	15	DFTS-OFDM	BPSK	670.5	690.5	23.49		21.71	0.148	13M5D7D
			QPSK			22.97		21.19	0.132	14M2G7D
			16QAM			22.40		20.62	0.115	14M1D7D
		CP-OFDM	QPSK			24.47		22.69	0.186	17M8G7D
			16QAM			24.46		22.68	0.185	17M8G7D
			16QAM			23.47		21.69	0.148	17M9D7D
	20	DFTS-OFDM	BPSK	673	688	22.86		21.08	0.128	18M9G7D
			QPSK			22.40		20.62	0.115	18M9D7D
			16QAM							
		CP-OFDM	QPSK							
			16QAM							
			16QAM							

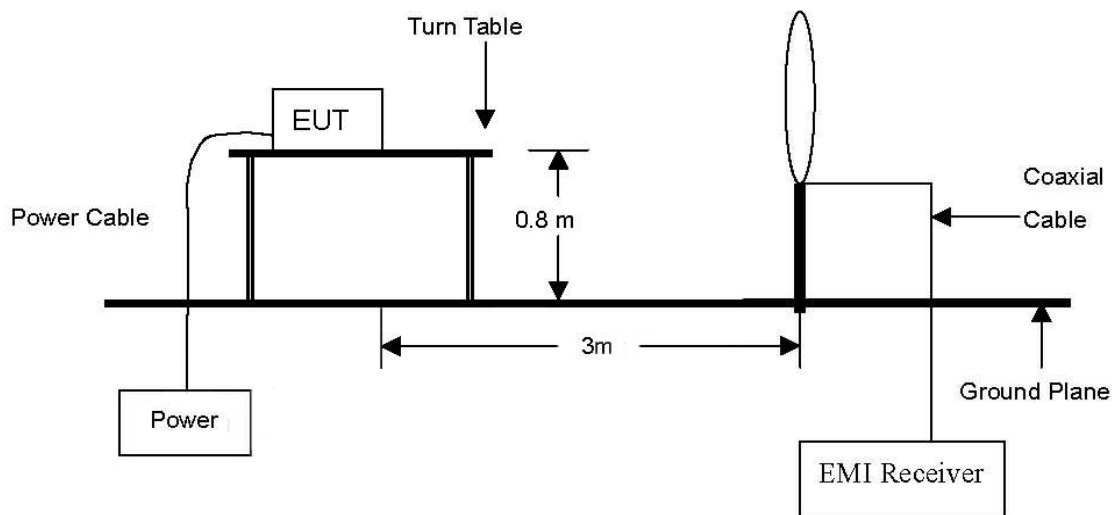
1.17. Information of Variant Model

Model Name		Description
Basic Model	TM05FNNAGM0	- Dual GNSS
Variant Model	TM05FNNAGM1	- Same RF circuit and PCB as basic model, except GNSS part - Single GNSS

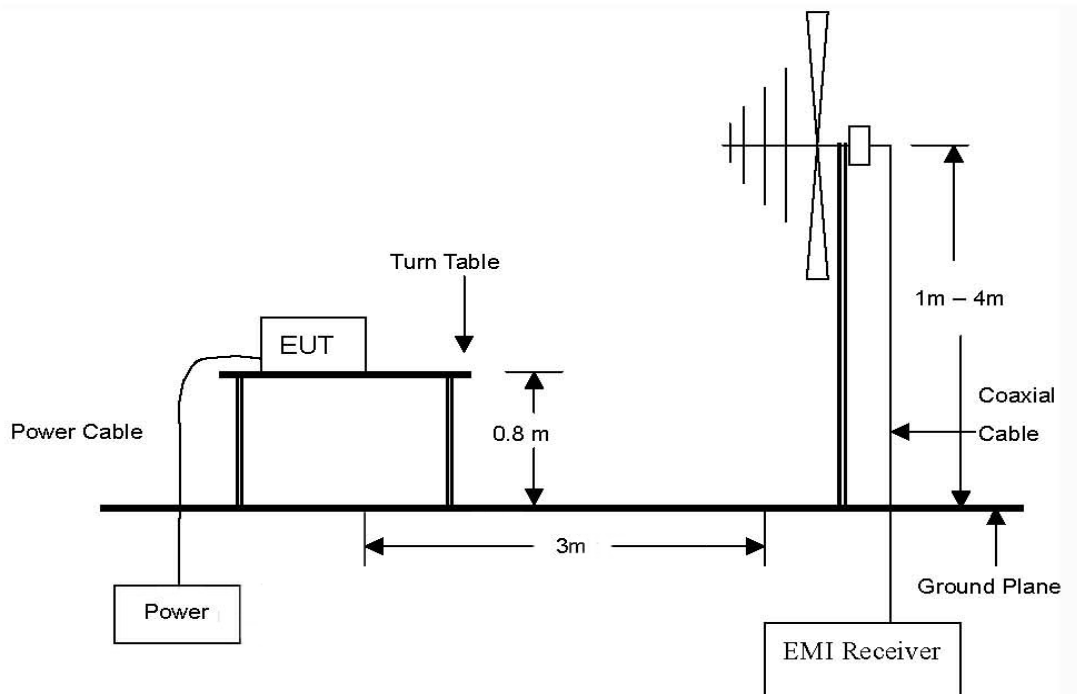
2. E.R.P. / E.I.R.P. & Radiated Spurious Emissions

2.1. Test setup

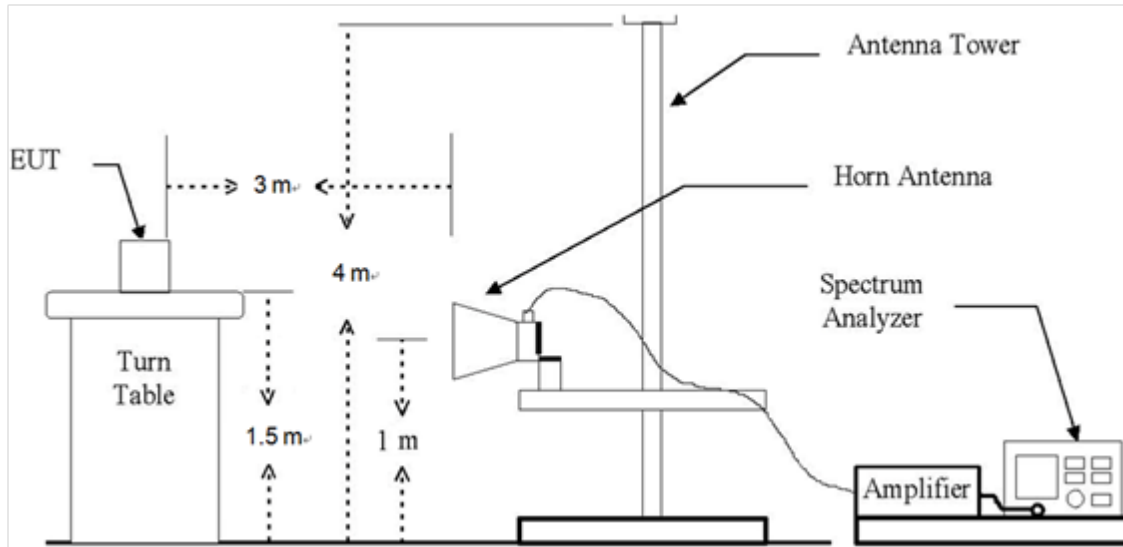
The diagram below shows the test setup that is utilized to make the measurements for emission from 9 kHz to 30 MHz.



The diagram below shows the test setup that is utilized to make the measurements for emission from 30 MHz to 1 GHz Emissions.



The diagram below shows the test setup that is utilized to make the measurements for emission from 1 GHz to 27 GHz Emissions.



2.2. Limit

2.2.1. Limit of E.R.P. / E.I.R.P.

FCC

- §22.913(a)(5), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.
- §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.
- §27.50(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.
- §27.50(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.
- §27.50(d)(4), fixed, mobile, and portable (hand-held) stations operating in the 1 710-1 755 MHz band and mobile and portable stations operating in the 1 695-1 710 MHz and 1 755-1 780 MHz bands are limited to 1 watt EIRP.
- §27.50(h)(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.
- §90.635(b), the maximum output power of the transmitter for mobile stations is 100 watts (20 dBW).
- §90.542(a)(7), Portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP.

IC

- RSS-130 Issue 2

4.6.2, the e.r.p. shall not exceed 3 watts for mobile equipment, fixed subscriber equipment and portable equipment.

For base and fixed equipment other than fixed subscriber equipment, refer to SRSP-518 for the equivalent isotropically radiated power (e.i.r.p.) limits.

4.6.3, the e.r.p. shall not exceed 30 watts for mobile equipment and outdoor fixed subscriber equipment. The e.r.p. shall not exceed 3 watts for portable equipment and indoor fixed subscriber equipment.

For base and fixed equipment other than fixed subscriber equipment, refer to SRSP-518 for the e.i.r.p. limits.

- RSS-132 Issue 3

5.4, the transmitter output power shall be measured in terms of average power.

The equivalent isotropically radiated power (e.i.r.p.) for mobile equipment shall not exceed 11.5 watts.

Refer to SRSP-503 for base station e.i.r.p. limits.

- RSS-133 Issue 6

6.4, the equivalent isotropically radiated power (e.i.r.p.) for transmitters shall not exceed the limits given in SRSP-510. Mobile stations and hand-held portables are limited to 2 watts maximum e.i.r.p. The equipment shall employ means to limit the power to the minimum necessary for successful communication.

- RSS-139 Issue 3

6.5, the equivalent isotropically radiated power (e.i.r.p.) for mobile and portable transmitters shall not exceed one watt. The e.i.r.p. for fixed and base stations in the band 1 710-1 780 MHz shall not exceed one watt.

- RSS-140 Issue 1

4.3, The equivalent radiated power (e.r.p.) for control and mobile equipment shall not exceed 30 W. The e.r.p. for portable equipment including handheld devices shall not exceed 3 W.

Fixed and base station equipment shall comply with the e.r.p. limits in SRSP-540.

- RSS-199 Issue 3

4.4, the transmitter output power shall be measured in terms of average value.

For base station equipment, refer to SRSP-517 for the maximum permissible e.i.r.p.

For mobile subscriber equipment, the e.i.r.p. shall not exceed 2 W. For fixed subscriber equipment, the transmitter output power shall not exceed 2 W and the e.i.r.p. shall be limited to 40 W.

2.2.2. Limit of Radiated Spurious Emissions

FCC

- §22.917(a), 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.
- §24.238(a), 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.
- §27.53(c)(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.
- §27.53(f)(2), for operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1 559-1 610 MHz shall be limited to -70 dB W/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dB W 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.
- §27.53(g), 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.
- §27.53(h)(1), for operations in the 1 695-1 710 MHz, 1 710-1 755 MHz, 1 755-1 780 MHz, 1 915-1 920 MHz, 1 995-2 000 MHz, 2 000-2 020 MHz, 2 110-2 155 MHz, 2 155-2 180 MHz, and 2 180-2 200 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.
- §27.53(m)(4), for mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log_{10} (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log_{10} (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log_{10} (P)$ 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 that $43 + 10 \log_{10} (P)$ dB on all frequencies between 2 490.5 MHz and 2 496 MHz and $55 + 10 \log_{10} (P)$ dB at or below 2 490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2 495 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.
- §90.691(a), out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:
 - (1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10} (f / 6.1)$ decibels or $50 + 10 \log_{10} (P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.
 - (2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

- §90.543(e), for operations in the 758-768 MHz and the 788-798 MHz bands, 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 all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations.
- (2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations.
- (3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least $43 + 10 \log (P)$ dB.
- (4) Compliance with the provisions of paragraphs (e)(1) and (2) 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.
- (5) Compliance with the provisions of paragraph (e)(3) 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 30 kHz may be employed.

- §90.543(f), for operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1 559-1 610 MHz shall be limited to -70 dB W /MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dB W 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.

IC

- RSS-130 Issue 2

4.7.1, the unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dB W), by at least $43 + 10 \log_{10} p$ (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

4.7.2, in addition to the limit outlined in section 4.7.1 above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

- a) The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dB W), by at least:
 - (i) $76 + 10 \log_{10} p$ (watts), dB, for base and fixed equipment, and
 - (ii) $65 + 10 \log_{10} p$ (watts), dB, for mobile and portable equipment.
- b) The e.i.r.p. in the band 1 559-1 610 MHz shall not exceed -70 dB W /MHz for wideband signal and -80 dB W for discrete emission with bandwidth less than 700 Hz.

- RSS-132 Issue 3

5.5, Mobile and base station equipment shall comply with the limits in (i) and (ii) below.

(i) In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1 % of the occupied bandwidth shall be attenuated (in dB) below the transmitter output power P (dB W) by at least $43 + 10 \log_{10} p$ (watts).

(ii) After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dB W) by at least $43 + 10 \log_{10} p$ (watts). If the measurement is performed using 1 % of the occupied bandwidth, power integration over 100 kHz is required.

- RSS-133 Issue 6

6.5, Equipment shall comply with the limits in (i) and (ii) below.

(i) In the 1.0 MHz bands immediately outside and adjacent to the equipment's operating frequency block, the emission power per any 1 % of the emission bandwidth shall be attenuated (in dB) below the transmitter output power P (dB W) by at least $43 + 10 \log_{10} p$ (watts).

(ii) After the first 1.0 MHz, the emission power in any 1 MHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dB W) by at least $43 + 10 \log_{10} p$ (watts). If the measurement is performed using 1 % of the emission bandwidth, power integration over 1.0 MHz is required.

- RSS-139 Issue 3

6.6, (i) In the first 1.0 MHz bands immediately outside and adjacent to the equipment's smallest operating frequency block, which can contain the equipment's occupied bandwidth, the emission power per any 1 % of the emission bandwidth shall be attenuated below the transmitter output power P (in dB W) by at least $43 + 10 \log_{10} p$ (watts) dB.

(ii) After the first 1.0 MHz outside the equipment's smallest operating frequency block, which can contain the equipment's occupied bandwidth, the emission power in any 1 MHz bandwidth shall be attenuated below the transmitter output power P (in dB W) by at least $43 + 10 \log_{10} p$ (watts) dB.

- RSS-140 Issue 1

4.4, The power of any unwanted emission outside the bands 758-768 MHz and 788-798 MHz shall be attenuated below the transmitter output power P in dB W as follows, where p is the transmitter output power in watts:

a) For any frequency between 769-775 MHz and 799-806 MHz:

i) $76 + 10 \log(p)$, dB in a 6.25 kHz band for fixed and base station equipment

ii) $65 + 10 \log(p)$, dB in a 6.25 kHz band for mobile and portable/hand-held equipment

b) For any frequency between 775-788 MHz, above 806 MHz, and below 758 MHz: $43 + 10 \log(p)$, dB in a bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency bands 758-768 MHz and 788-798 MHz, a resolution bandwidth of 30 kHz may be employed.

- RSS-199 Issue 3

4.5, In the 1 MHz band immediately outside and adjacent to the channel edge, the unwanted emission power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for base station and fixed subscriber equipment, and 2% for mobile subscriber equipment. Beyond the 1 MHz band, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz, or 1% or 2% of the occupied bandwidth, as applicable.

Equipment shall comply with the following unwanted emission limits:

for base station and fixed subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dB W), by at least $43 + 10 \log_{10} p$ for mobile subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dB W), by at least:

- i. $40 + 10 \log_{10} p$ from the channel edges to 5 MHz away
- ii. $43 + 10 \log_{10} p$ between 5 MHz and X MHz from the channel edges, and
- iii. $55 + 10 \log_{10} p$ at X MHz and beyond from the channel edges

In addition, the attenuation shall not be less than $43 + 10 \log_{10} p$ on all frequencies between 2 490.5 MHz and 2 496 MHz, and $55 + 10 \log_{10} p$ at or below 2 490.5 MHz.

In (a) and (b), p is the transmitter power measured in watts and X is 6 MHz or the equipment occupied bandwidth, whichever is greater.

2.3. Test Procedure: Based on ANSI/TIA 603E: 2016 and ANSI C63.26-2015 and KDB 971168 D01 Power Meas License Digital Systems v03r01.

1. On a test site, the EUT shall be placed at 0.8 m or 1.5 m height on a turn table, and in the position close to normal use as declared by the applicant.
2. The test antenna shall be oriented initially for vertical polarization located 3 m from EUT to correspond to the fundamental frequency of the transmitter.
3. The output of the test antenna shall be connected to the measuring receiver and the peak detector is used for the measurement.
4. Radiated spurious emissions measurement method was set as follows:
RBW = 100 kHz for emissions below 1 GHz and 1 MHz for emissions above 1 GHz, VBW $\geq 3 \times$ RBW,
Detector = RMS, trace mode = max hold, per the guidelines of KDB 971168 D01 Power Meas License Digital Systems v03r01.
5. The transmitter shall be switched on, the measuring receiver shall be tuned to the frequency of the transmitter under test.
6. The test antenna shall be raised and lowered through the specified range of height until the maximum signal level is detected by the measuring receiver.
7. The transmitter shall be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.
8. The test antenna shall be raised and lowered again through the specified range of height until the maximum signal level is detected by the measuring receiver.
9. The maximum signal level detected by the measuring receiver shall be noted.
10. In necessary, the input attenuator setting on the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
11. The test antenna shall be raised and lowered through the specified range of height to ensure that the maximum signal is received.
12. The measurement shall be repeated with the test antenna orientated for horizontal polarization.

2.4. Test Results

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

2.4.1. E.R.P. / E.I.R.P.

Band	Frequency (MHz)	Maximum Conducted Power (dB m)	Maximum Conducted Power (W)	Antenna Gain (dB i)	Maximum E.I.R.P. (dB m)	Maximum E.I.R.P. (W)	Maximum E.R.P. (dB m)	Maximum E.R.P. (W)	Output Power Limit
n7	2 500 ~ 2 570	24.05	0.254	5.99	30.04	1.009			2 W E.I.R.P.
n12	699 ~ 716	24.79	0.301	-1.05	23.74	0.237	21.59	0.144	3 W E.R.P.
n13	777 ~ 787	24.78	0.301	-0.53	24.25	0.266	22.10	0.162	7 W E.R.P.
n14	788 ~ 798	24.90	0.309	-0.53	24.37	0.274	22.22	0.167	30 W E.R.P.
n25/2	1 850 ~ 1 915	23.67	0.233	5.12	28.79	0.757			2 W E.I.R.P.
n26/5 Part 22	824 ~ 849	24.55	0.285	0.37	24.92	0.310	22.77	0.189	7 W E.R.P.
n26 Part 90	814 ~ 824	24.47	0.280	0.37	24.84	0.305	22.69	0.186	100 W
n66	1 710 ~ 1 780	22.95	0.197	5.54	28.49	0.703			1 W E.I.R.P.
n71	663 ~ 698	24.51	0.282	0.37	24.88	0.308	22.73	0.187	3 W E.R.P.

Remark;

1. E.I.R.P. (dB m) = Maximum Conducted Power (dB m) + Antenna Gain (dB i)
2. E.R.P. (dB m) = E.I.R.P. (dB m) - 2.15 (dB); where E.R.P. and E.I.R.P. are expressed in consistent units.

2.4.2. Radiated Spurious Emissions

NR Band 7 (5 MHz - DFTS-OFDM QPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 502.5 MHz)									
5 008.82	39.85	V	33.00	-28.87	43.98	-95.26	-51.28	-25	26.28
Above 5 100.00	Not detected	–	–	–	–	–	–	–	–
Middle Channel (2 535 MHz)									
5 073.98	46.06	V	33.10	-29.38	49.78	-95.26	-45.48	-25	20.48
Above 5 100.00	Not detected	–	–	–	–	–	–	–	–
High Channel (2 567.5 MHz)									
5 138.92	48.99	V	33.28	-28.89	53.38	-95.26	<u>-41.88</u>	-25	16.88
Above 5 200.00	Not detected	–	–	–	–	–	–	–	–

NR Band 12 (15 MHz - DFTS-OFDM QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (706.5 MHz)									
1 399.28	65.69	H	25.10	-37.16	53.63	-97.41	-43.78	-13	30.78
2 098.91	54.14	H	27.50	-35.30	46.34	-97.41	-51.07	-13	38.07
2 099.08	58.69	V	27.50	-35.30	50.89	-97.41	-46.52	-13	33.52
2 992.50	45.69	V	29.61	-33.59	41.71	-97.41	-55.70	-13	42.70
3 984.80	44.08	V	32.03	-31.24	44.87	-97.41	-52.54	-13	39.54
Above 4 000.00	Not detected	—	—	—	—	—	—	—	—
Middle Channel (707.5 MHz)									
1 401.29	65.80	H	25.10	-37.15	53.75	-97.41	-43.66	-13	30.66
2 102.07	54.05	H	27.50	-35.31	46.24	-97.41	-51.17	-13	38.17
2 101.97	57.95	V	27.50	-35.31	50.14	-97.41	-47.27	-13	34.27
2 992.40	44.15	V	29.61	-33.59	40.17	-97.41	-57.24	-13	44.24
3 984.54	43.89	V	32.03	-31.24	44.68	-97.41	-52.73	-13	39.73
Above 4 000.00	Not detected	—	—	—	—	—	—	—	—
High Channel (708.5 MHz)									
1 403.32	65.92	H	25.09	-37.15	53.86	-97.41	-43.55	-13	30.55
2 104.80	52.06	H	27.51	-35.31	44.26	-97.41	-53.15	-13	40.15
2 104.91	57.50	V	27.51	-35.31	49.70	-97.41	-47.71	-13	34.71
2 993.02	46.18	V	29.62	-33.59	42.21	-97.41	-55.20	-13	42.20
3 984.55	44.01	V	32.03	-31.24	44.80	-97.41	-52.61	-13	39.61
Above 4 000.00	Not detected	—	—	—	—	—	—	—	—

NR Band 13 (10 MHz - DFTS-OFDM QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. / E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Middle Channel (782 MHz)									
1 564.22	63.29	H	25.36	-36.68	51.97	-95.26	-43.29	-40	3.29
2 346.37	57.61	H	27.80	-34.57	50.84	-97.41	-46.57	-13	33.57
2 346.27	58.24	V	27.80	-34.57	51.47	-97.41	-45.94	-13	32.94
3 910.16	46.06	V	32.18	-31.63	46.61	-97.41	-50.80	-13	37.80
Above 4 000.00	Not detected	—	—	—	—	—	—	—	—

NR Band 14 (10 MHz - DFTS-OFDM QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. / E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Middle Channel (793 MHz)									
1 586.13	53.51	H	25.44	-36.56	42.39	-95.26	-52.87	-40	12.87
1 586.07	47.27	H	25.44	-36.56	36.15	-95.26	-59.11	-40	19.11
2 379.20	54.01	V	27.98	-34.56	47.43	-97.41	-49.98	-13	36.98
2 379.07	64.33	V	27.97	-34.56	57.74	-97.41	-39.67	-13	26.67
3 965.68	42.70	V	32.07	-31.27	43.50	-97.41	-53.91	-13	40.91
Above 4 000.00	Not detected	—	—	—	—	—	—	—	—

NR Band 25/2 (10 MHz - DFTS-OFDM QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 855 MHz)									
3 718.83	45.29	V	32.14	-31.79	45.64	-95.26	-49.62	-13	36.62
3 982.65	42.52	V	32.03	-31.23	43.32	-95.26	-51.94	-13	38.94
5 578.23	46.07	V	33.90	-28.26	51.71	-95.26	-43.55	-13	30.55
Above 5 600.00	Not detected	—	—	—	—	—	—	—	—
Middle Channel (1 882.5 MHz)									
3 773.85	47.36	V	32.10	-32.23	47.23	-95.26	-48.03	-13	35.03
3 982.49	41.68	V	32.04	-31.23	42.49	-95.26	-52.77	-13	39.77
5 660.65	40.74	V	33.90	-27.54	47.10	-95.26	-48.16	-13	35.16
Above 5 700.00	Not detected	—	—	—	—	—	—	—	—
High Channel (1 910 MHz)									
3 828.95	44.87	V	32.06	-31.38	45.55	-95.26	-49.71	-13	36.71
3 981.98	42.10	V	32.04	-31.22	42.92	-95.26	-52.34	-13	39.34
5 743.48	39.85	V	33.99	-27.27	46.57	-95.26	-48.69	-13	35.69
Above 5 800.00	Not detected	—	—	—	—	—	—	—	—

NR Band 26/5_Part 22 (10 MHz - DFTS-OFDM QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (829 MHz)									
1 649.05	46.84	H	25.60	-36.53	35.91	-97.41	-61.50	-13	48.50
2 473.88	61.05	H	28.15	-34.19	55.01	-97.41	-42.40	-13	29.40
2 473.58	58.99	V	28.15	-34.19	52.95	-97.41	-44.46	-13	31.46
4 122.89	40.15	V	31.95	-31.45	40.65	-97.41	-56.76	-13	43.76
Above 4 200.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (836.5 MHz)									
1 664.12	45.38	H	25.77	-36.49	34.66	-97.41	-62.75	-13	49.75
2 496.21	60.10	H	28.11	-34.03	54.18	-97.41	-43.23	-13	30.23
2 496.44	57.44	V	28.11	-34.03	51.52	-97.41	-45.89	-13	32.89
4 160.38	38.49	V	31.98	-30.59	39.88	-97.41	-57.53	-13	44.53
Above 4 200.00	Not detected	-	-	-	-	-	-	-	-
High Channel (844 MHz)									
1 679.05	45.08	H	25.95	-36.44	34.59	-97.41	-62.82	-13	49.82
2 518.71	60.52	H	28.21	-34.10	54.63	-97.41	-42.78	-13	29.78
2 518.83	56.95	V	28.21	-34.10	51.06	-97.41	-46.35	-13	33.35
4 197.77	37.58	V	31.90	-29.75	39.73	-97.41	-57.68	-13	44.68
Above 4 200.00	Not detected	-	-	-	-	-	-	-	-

NR Band 26/5_Part 90 (10 MHz - DFTS-OFDM QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Middle Channel (819 MHz)									
1 629.10	47.85	H	25.56	-36.42	36.99	-97.41	-60.42	-13	47.42
2 443.82	61.07	H	28.19	-34.42	54.84	-97.41	-42.57	-13	29.57
2 443.72	62.99	V	28.19	-34.42	56.76	-97.41	-40.65	-13	27.65
4 072.99	45.27	V	31.90	-31.19	45.98	-97.41	-51.43	-13	38.43
Above 4 100.00	Not detected	-	-	-	-	-	-	-	-

NR band 66 (5 MHz - DFTS-OFDM QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 712.5 MHz)									
3 420.94	59.12	H	30.87	-32.52	57.47	-95.26	-37.79	-13	24.79
3 420.99	68.53	V	30.87	-32.52	66.88	-95.26	-28.38	-13	15.38
5 131.46	53.84	H	33.26	-29.02	58.08	-95.26	-37.18	-13	24.18
5 131.51	63.38	V	33.26	-29.02	67.62	-95.26	-27.64	-13	14.64
6 842.01	63.67	H	35.28	-25.41	73.54	-95.26	-21.72	-13	8.72
6 842.16	70.41	V	35.28	-25.41	80.28	-95.26	-14.98	-13	1.98
8 552.62	67.36	H	36.51	-24.01	79.86	-95.26	-15.40	-13	2.40
8 552.66	65.53	V	36.51	-24.01	78.03	-95.26	-17.23	-13	4.23
10 263.35	49.46	H	37.80	-21.89	65.37	-95.26	-29.89	-13	16.89
10 263.25	57.17	V	37.80	-21.89	73.08	-95.26	-22.18	-13	9.18
11 973.38	52.92	H	38.50	-19.84	71.58	-95.26	-23.68	-13	10.68
11 973.49	55.68	V	38.50	-19.84	74.34	-95.26	-20.92	-13	7.92
13 684.01	46.61	H	40.40	-16.93	70.08	-95.26	-25.18	-13	12.18
Above 13 700.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (1 745 MHz)									
3 486.02	46.54	H	31.10	-32.50	45.14	-95.26	-50.12	-13	37.12
3 485.95	61.86	V	31.10	-32.49	60.47	-95.26	-34.79	-13	21.79
5 229.11	43.72	H	33.56	-28.77	48.51	-95.26	-46.75	-13	33.75
5 229.00	53.67	V	33.56	-28.77	58.46	-95.26	-36.80	-13	23.80
6 971.92	52.33	H	35.44	-25.61	62.16	-95.26	-33.10	-13	20.10
6 971.87	56.16	V	35.44	-25.61	65.99	-95.26	-29.27	-13	16.27
8 714.91	44.82	H	36.93	-23.75	58.00	-95.26	-37.26	-13	24.26
8 715.00	48.80	V	36.93	-23.75	61.98	-95.26	-33.28	-13	20.28
10 458.02	47.31	H	37.78	-22.48	62.61	-95.26	-32.65	-13	19.65
10 457.87	51.82	V	37.78	-22.48	67.12	-95.26	-28.14	-13	15.14
12 200.87	31.79	H	38.40	-18.74	51.45	-95.26	-43.81	-13	30.81
12 200.66	32.88	V	38.40	-18.74	52.54	-95.26	-42.72	-13	29.72
Above 12 300.00	Not detected	-	-	-	-	-	-	-	-

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
High Channel (1 777.5 MHz)									
3 550.77	40.68	H	31.00	-33.03	38.65	-95.26	-56.61	-13	43.61
3 550.02	54.37	V	31.00	-33.06	52.31	-95.26	-42.95	-13	29.95
5 326.50	41.71	H	33.85	-28.68	46.88	-95.26	-48.38	-13	35.38
5 326.57	50.38	V	33.85	-28.68	55.55	-95.26	-39.71	-13	26.71
7 101.75	40.00	H	35.60	-25.88	49.72	-95.26	-45.54	-13	32.54
7 062.06	43.44	V	35.52	-26.10	52.86	-95.26	-42.40	-13	29.40
8 877.89	34.38	H	37.14	-23.56	47.96	-95.26	-47.30	-13	34.30
8 827.35	36.69	V	37.15	-23.73	50.11	-95.26	-45.15	-13	32.15
Above 8 900.00	Not detected	-	-	-	-	-	-	-	-

NR band 71 (15 MHz - DFTS-OFDM QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (670.5 MHz)									
2 012.12	49.01	H	27.68	-35.50	41.19	-97.41	-56.22	-13	43.22
2 012.05	67.09	V	27.68	-35.50	59.27	-97.41	-38.14	-13	25.14
4 024.06	43.15	V	31.95	-31.28	43.82	-97.41	-53.59	-13	40.59
Above 4 100.00	Not detected	—	—	—	—	—	—	—	—
Middle Channel (680.5 MHz)									
2 041.99	52.77	H	27.62	-35.37	45.02	-97.41	-52.39	-13	39.39
2 041.84	67.38	V	27.62	-35.38	59.62	-97.41	-37.79	-13	24.79
4 083.96	44.20	V	31.90	-30.78	45.32	-97.41	-52.09	-13	39.09
Above 4 100.00	Not detected	—	—	—	—	—	—	—	—
High Channel (690.5 MHz)									
1 381.31	46.73	H	25.10	-37.28	34.55	-97.41	-62.86	-13	49.86
2 072.07	60.98	H	27.56	-35.05	53.49	-97.41	-43.92	-13	30.92
2 071.96	67.53	V	27.56	-35.05	60.04	-97.41	-37.37	-13	24.37
4 101.57	37.59	V	31.90	-30.10	39.39	-97.41	-58.02	-13	45.02
Above 4 200.00	Not detected	—	—	—	—	—	—	—	—

ENDC

5A-n2A (15 MHz - DFTS-OFDM BPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 857.5 MHz)									
3 715.25	51.16	V	32.13	-36.62	46.67	-95.26	-48.59	-13	35.59
5 573.02	55.61	V	33.90	-34.04	55.47	-95.26	-39.79	-13	26.79
Above 5 600.00	Not detected	—	—	—	—	—	—	—	—
Middle Channel (1 880.0 MHz)									
3 760.16	52.61	V	32.16	-36.89	47.88	-95.26	-47.38	-13	34.38
5 640.33	49.76	V	33.90	-33.45	50.21	-95.26	-45.05	-13	32.05
Above 5 700.00	Not detected	—	—	—	—	—	—	—	—
High Channel (1 902.5 MHz)									
3 805.36	51.65	V	32.01	-36.59	47.07	-95.26	-48.19	-13	35.19
5 707.99	48.28	V	33.92	-33.56	48.64	-95.26	-46.62	-13	33.62
Above 5 800.00	Not detected	—	—	—	—	—	—	—	—

7A-n5A (15 MHz - DFTS-OFDM BPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (831.5 MHz)									
2 479.94	53.00	H	28.14	-36.92	44.22	-97.41	-53.19	-13	40.19
2 480.05	51.33	V	28.14	-36.92	42.55	-97.41	-54.86	-13	41.86
Above 2 500.00	Not detected	—	—	—	—	—	—	—	—
Middle Channel (836.5 MHz)									
2 509.98	58.95	H	28.16	-37.07	50.04	-97.41	-47.37	-13	34.37
2 510.00	58.41	V	28.16	-37.06	49.51	-97.41	-47.90	-13	34.90
Above 2 600.00	Not detected	—	—	—	—	—	—	—	—
High Channel (841.5 MHz)									
2 539.92	57.37	H	28.34	-36.65	49.06	-97.41	-48.35	-13	35.35
2 539.88	53.66	V	28.34	-36.65	45.35	-97.41	-52.06	-13	39.06
Above 2 600.00	Not detected	—	—	—	—	—	—	—	—

5A-n7A (20 MHz - DFTS-OFDM BPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (2 510 MHz)									
5 038.37	52.59	V	33.00	-35.22	50.37	-95.26	-44.89	-25	19.89
Above 5 100.00	Not detected	–	–	–	–	–	–	–	–
Middle Channel (2 535 MHz)									
5 088.27	54.99	V	33.15	-35.38	52.76	-95.26	-42.50	-25	17.50
Above 5 100.00	Not detected	–	–	–	–	–	–	–	–
High Channel (2 560 MHz)									
5 138.53	56.38	V	33.28	-35.47	54.19	-95.26	<u>-41.07</u>	-25	16.07
Above 5 200.00	Not detected	–	–	–	–	–	–	–	–

66A-n12A (15 MHz - DFTS-OFDM QPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (706.5 MHz)									
1 399.32	53.87	V	25.10	-39.15	39.82	-97.41	-57.59	-13	44.59
2 099.00	77.89	H	27.50	-37.35	68.04	-97.41	-29.37	-13	16.37
2 099.00	77.37	V	27.50	-37.35	67.52	-97.41	-29.89	-13	16.89
3 498.58	63.59	H	31.10	-36.67	58.02	-97.41	-39.39	-13	26.39
3 498.38	62.96	V	31.10	-36.67	57.39	-97.41	-40.02	-13	27.02
Above 3 500.00	Not detected	—	—	—	—	—	—	—	—
Middle Channel (707.5 MHz)									
1 401.42	53.40	V	25.10	-39.15	39.35	-97.41	-58.06	-13	45.06
2 102.04	77.84	H	27.50	-37.31	68.03	-97.41	-29.38	-13	16.38
2 101.78	77.04	V	27.50	-37.32	67.22	-97.41	-30.19	-13	17.19
3 503.14	61.10	H	31.09	-36.68	55.51	-97.41	-41.90	-13	28.90
3 503.46	60.66	V	31.09	-36.68	55.07	-97.41	-42.34	-13	29.34
Above 3 600.00	Not detected	—	—	—	—	—	—	—	—
High Channel (708.5 MHz)									
1 403.30	55.54	V	25.09	-39.15	41.48	-97.41	-55.93	-13	42.93
2 105.00	78.19	H	27.51	-37.28	68.42	-97.41	-28.99	-13	15.99
2 105.02	75.71	V	27.51	-37.28	65.94	-97.41	-31.47	-13	18.47
3 508.07	60.46	H	31.08	-36.71	54.83	-97.41	-42.58	-13	29.58
3 508.16	63.34	V	31.08	-36.71	57.71	-97.41	-39.70	-13	26.70
Above 3 600.00	Not detected	—	—	—	—	—	—	—	—

66A-n13A (5 MHz - DFTS-OFDM BPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (779.5 MHz)									
2 339.23	71.25	H	27.80	-36.39	62.66	-97.41	-34.75	-13	21.75
2 338.91	78.71	V	27.80	-36.39	70.12	-97.41	-27.29	-13	14.29
3 899.00	59.61	V	32.20	-36.02	55.79	-97.41	-41.62	-13	28.62
Above 3 900.00	Not detected	–	–	–	–	–	–	–	–
Middle Channel (782 MHz)									
2 346.45	74.90	H	27.80	-36.33	66.37	-97.41	-31.04	-13	18.04
2 346.53	80.18	V	27.80	-36.33	71.65	-97.41	-25.76	-13	12.76
3 910.78	60.73	V	32.18	-35.97	56.94	-97.41	-40.47	-13	27.47
Above 4 000.00	Not detected	–	–	–	–	–	–	–	–
High Channel (784.5 MHz)									
2 354.03	62.43	H	27.82	-36.28	53.97	-97.41	-43.44	-13	30.44
2 354.02	74.22	V	27.82	-36.28	65.76	-97.41	-31.65	-13	18.65
3 923.18	44.96	V	32.15	-35.92	41.19	-97.41	-56.22	-13	43.22
Above 4 000.00	Not detected	–	–	–	–	–	–	–	–

12A-n25A (15 MHz - DFTS-OFDM BPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 857.5 MHz)									
3 701.20	58.01	V	32.10	-36.60	53.51	-95.26	-41.75	-13	28.75
3 999.50	48.44	V	32.00	-36.43	44.01	-95.26	-51.25	-13	38.25
5 551.78	47.64	V	33.90	-34.20	47.34	-95.26	-47.92	-13	34.92
Above 5 600.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (1 882.5 MHz)									
3 751.20	53.01	V	32.20	-36.85	48.36	-95.26	-46.90	-13	33.90
3 999.44	47.46	V	32.00	-36.43	43.03	-95.26	-52.23	-13	39.23
5 626.96	50.92	V	33.90	-33.52	51.30	-95.26	-43.96	-13	30.96
Above 5 700.00	Not detected	-	-	-	-	-	-	-	-
High Channel (1 907.5 MHz)									
3 801.19	51.91	V	32.00	-36.63	47.28	-95.26	-47.98	-13	34.98
3 999.68	49.88	V	32.00	-36.43	45.45	-95.26	-49.81	-13	36.81
5 701.79	44.76	V	33.90	-33.56	45.10	-95.26	-50.16	-13	37.16
Above 5 800.00	Not detected	-	-	-	-	-	-	-	-

5A-n66A (40 MHz - DFTS-OFDM BPSK)

Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Middle Channel (1 745 MHz)									
3 490.01	62.83	H	31.10	-36.72	57.21	-95.26	-38.05	-13	25.05
3 490.17	70.23	V	31.10	-36.72	64.61	-95.26	-30.65	-13	17.65
3 999.50	48.44	V	32.00	-36.43	44.01	-95.26	-51.25	-13	38.25
5 235.13	55.27	H	33.57	-35.10	53.74	-95.26	-41.52	-13	28.52
5 235.16	62.98	V	33.57	-35.10	61.45	-95.26	-33.81	-13	20.81
6 980.28	64.96	H	35.46	-33.06	67.36	-95.26	-27.90	-13	14.90
6 980.20	70.48	V	35.46	-33.06	72.88	-95.26	-22.38	-13	9.38
8 725.38	56.79	H	36.95	-33.90	59.84	-95.26	-35.42	-13	22.42
8 725.34	63.82	V	36.95	-33.90	66.87	-95.26	-28.39	-13	15.39
10 470.39	51.42	H	37.76	-31.40	57.78	-95.26	-37.48	-13	24.48
10 470.39	60.25	V	37.76	-31.40	66.61	-95.26	-28.65	-13	15.65
12 215.52	46.61	H	38.40	-29.57	55.44	-95.26	-39.82	-13	26.82
12 215.53	51.03	V	38.40	-29.57	59.86	-95.26	-35.40	-13	22.40
13 960.60	38.60	H	40.72	-27.53	51.79	-95.26	-43.47	-13	30.47
13 961.16	39.28	V	40.72	-27.53	52.47	-95.26	-42.79	-13	29.79
Above 14 000.00	Not detected	—	—	—	—	—	—	—	—

66A-n71A (10 MHz - DFTS-OFDM BPSK)

Frequency (MHz)	Measured Level (dBμV)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dBμV/m)	CF (dB)	E.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (668 MHz)									
1 990.86	71.95	H	27.66	-37.69	61.92	-97.41	-35.49	-13	22.49
1 990.66	74.97	V	27.66	-37.69	64.94	-97.41	-32.47	-13	19.47
3 981.30	48.48	V	32.04	-36.39	44.13	-97.41	-53.28	-13	40.28
Above 4 000.00	Not detected	—	—	—	—	—	—	—	—
Middle Channel (680.5 MHz)									
2 028.16	73.25	H	27.64	-37.59	63.30	-97.41	-34.11	-13	21.11
2 028.21	75.42	V	27.64	-37.59	65.47	-97.41	-31.94	-13	18.94
4 056.26	48.91	V	31.90	-36.43	44.38	-97.41	-53.03	-13	40.03
Above 4 100.00	Not detected	—	—	—	—	—	—	—	—
High Channel (693 MHz)									
2 065.66	69.54	H	27.57	-37.53	59.58	-97.41	-37.83	-13	24.83
2 065.65	73.13	V	27.57	-37.53	63.17	-97.41	-34.24	-13	21.24
4 131.36	46.94	V	31.96	-36.18	42.72	-97.41	-54.69	-13	41.69
Above 4 200.00	Not detected	—	—	—	—	—	—	—	—

Remark;

1. AF = Antenna Factor, CL = Cable Loss, CF = Conversion Factor.
2. $E \text{ (dBμV/m)} = \text{Measured Level (dBμV)} + \text{Antenna Factor (dB/m)} + \text{AMP (dB)} + \text{Cable Loss (dB)}$.
3. $E.I.R.P. \text{ (dB m)} = E \text{ (dBμV/m)} + CF \text{ (dB)}$.
4. $E.R.P. \text{ (dB m)} = E \text{ (dBμV/m)} + CF \text{ (dB)} - 2.15 \text{ (dB)}$; where E.R.P. and E.I.R.P. are expressed in consistent units.
5. $CF \text{ (dB)} = 20 \log D - 104.8$; where D is the measurement distance in meters, According to KDB 971168 D01 v03r01 5.8.4.
6. The frequency spectrum is examined from 9 kHz to the 10th harmonic of the fundamental frequency of the transmitter. No other spurious and harmonic emissions were reported greater than listed emissions above table.

3. Conducted Output Power

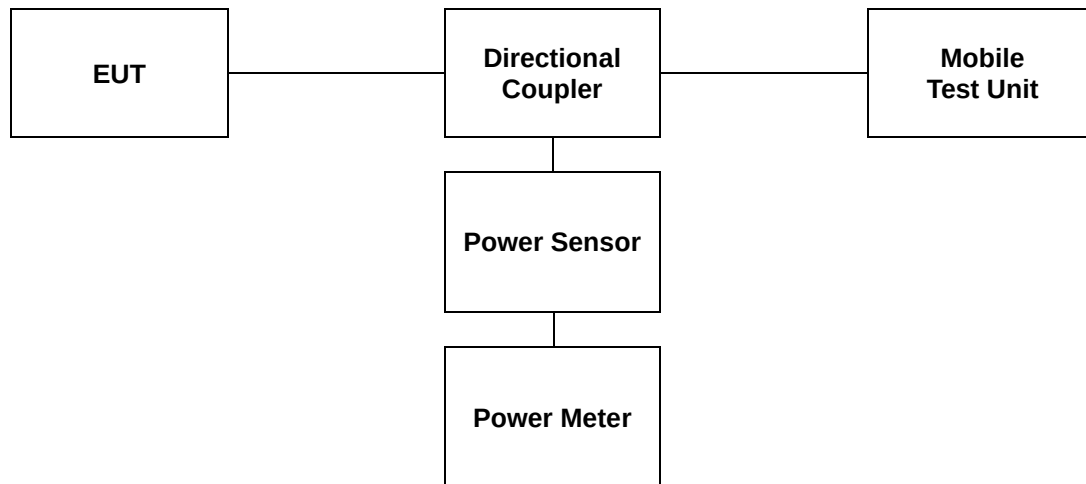
3.1. Limit

CFR 47, Section FCC §2.1046 and IC RSS-Gen Issue 5 6.12.

3.2. Test Procedure

Output power shall be measured at the RF output terminals for all configurations.

1. The RF output of the transmitter was connected to the input of the mobile test unit in order to establish communication with the EUT.
2. The EUT was set up for the max. output power with pseudo random data modulation by using mobile test unit parameters.
3. The measurement performed using a wideband RF power meter.
4. This EUT was tested under all configurations and the highest power was investigated and reported.



3.3. Test Result

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

NR Band 7										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					500500 (2 502.5 MHz)		507000 (2 535 MHz)		513500 (2 567.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	23.93	0.247	23.60	0.229	23.70	0.234
			1	13	23.89	0.245	23.56	0.227	23.73	0.236
			1	23	23.93	0.247	23.69	0.234	23.70	0.234
			12	0	23.29	0.213	23.05	0.202	23.22	0.210
			12	7	23.87	0.244	23.60	0.229	23.71	0.235
			12	13	23.44	0.221	23.07	0.203	23.23	0.210
			25	0	23.45	0.221	23.12	0.205	23.23	0.210
		DFT-S-OFDM QPSK	1	1	23.84	0.242	23.60	0.229	23.63	0.231
			1	13	23.90	0.245	23.62	0.230	23.61	0.230
			1	23	24.05	0.254	23.55	0.226	23.66	0.232
			12	0	22.91	0.195	22.62	0.183	22.61	0.182
			12	7	24.03	0.253	23.61	0.230	23.60	0.229
			12	13	22.93	0.196	22.62	0.183	22.60	0.182
			25	0	22.88	0.194	22.60	0.182	22.63	0.183
		DFT-S-OFDM 16QAM	1	1	22.88	0.194	22.55	0.180	22.55	0.180
		DFT-S-OFDM 64QAM	1	1	21.56	0.143	21.29	0.135	21.35	0.136
		CP-OFDM QPSK	1	1	22.49	0.177	22.07	0.161	22.27	0.169
		CP-OFDM 16QAM	1	1	21.88	0.154	21.70	0.148	21.66	0.147
		CP-OFDM 64QAM	1	1	20.40	0.110	20.17	0.104	20.23	0.105

NR Band 7										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					501000 (2 505 MHz)		507000 (2 535 MHz)		513000 (2 565 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	23.83	0.242	23.74	0.237	23.66	0.232
			1	26	23.75	0.237	23.68	0.233	23.63	0.231
			1	50	23.76	0.238	23.68	0.233	23.64	0.231
			25	0	23.28	0.213	23.23	0.210	23.12	0.205
			25	14	23.76	0.238	23.75	0.237	23.65	0.232
			25	27	23.29	0.213	23.23	0.210	23.11	0.205
		DFT-S-OFDM QPSK	50	0	23.32	0.215	23.22	0.210	23.13	0.206
			1	1	23.76	0.238	23.61	0.230	23.67	0.233
			1	26	23.72	0.236	23.79	0.239	23.64	0.231
			1	50	23.79	0.239	23.85	0.243	23.65	0.232
			25	0	22.65	0.184	22.78	0.190	22.64	0.184
			25	14	23.84	0.242	23.76	0.238	23.64	0.231
		DFT-S-OFDM 16QAM	25	27	22.89	0.195	22.77	0.189	22.63	0.183
			50	0	22.71	0.187	22.62	0.183	22.64	0.184
DFT-S-OFDM 64QAM	1	1	22.69	0.186	22.66	0.185	22.58	0.181		
CP-OFDM QPSK	1	1	21.44	0.139	21.37	0.137	21.39	0.138		
CP-OFDM 16QAM	1	1	22.27	0.169	22.33	0.171	22.11	0.163		
CP-OFDM 64QAM	1	1	21.77	0.150	21.66	0.147	21.69	0.148		
			1	1	20.18	0.104	20.27	0.106	20.26	0.106

NR Band 7										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					501500 (2 507.5 MHz)		507000 (2 535 MHz)		512500 (2 562.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	23.94	0.248	23.79	0.239	23.93	0.247
			1	40	23.88	0.244	23.76	0.238	23.89	0.245
			1	77	23.86	0.243	23.78	0.239	23.75	0.237
			36	0	23.39	0.218	23.25	0.211	23.39	0.218
			36	22	23.93	0.247	23.74	0.237	23.90	0.245
			36	43	23.40	0.219	23.24	0.211	23.39	0.218
			75	0	23.40	0.219	23.20	0.209	23.33	0.215
		DFT-S-OFDM QPSK	1	1	23.93	0.247	23.78	0.239	23.95	0.248
			1	40	23.91	0.246	23.77	0.238	23.91	0.246
			1	77	23.93	0.247	23.82	0.241	23.78	0.239
			36	0	22.91	0.195	22.76	0.189	22.91	0.195
			36	22	23.91	0.246	23.76	0.238	23.91	0.246
			36	43	22.91	0.195	22.76	0.189	22.91	0.195
			75	0	22.92	0.196	22.70	0.186	22.84	0.192
		DFT-S-OFDM 16QAM	1	1	22.89	0.195	22.71	0.187	22.86	0.193
		DFT-S-OFDM 64QAM	1	1	21.65	0.146	21.45	0.140	21.63	0.146
		CP-OFDM QPSK	1	1	22.50	0.178	22.23	0.167	22.36	0.172
		CP-OFDM 16QAM	1	1	21.86	0.153	21.79	0.151	21.88	0.154
		CP-OFDM 64QAM	1	1	20.42	0.110	20.34	0.108	20.44	0.111

NR Band 7										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					502000 (2 510 MHz)		507000 (2 535 MHz)		512000 (2 560 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	<u>23.95</u>	<u>0.248</u>	23.93	0.247	23.85	0.243
			1	53	23.92	0.247	23.91	0.246	23.88	0.244
			1	104	23.91	0.246	23.93	0.247	23.92	0.247
			50	0	23.41	0.219	23.44	0.221	23.38	0.218
			50	28	23.93	0.247	23.94	0.248	23.86	0.243
			50	56	23.43	0.220	23.43	0.220	23.37	0.217
			100	0	23.44	0.221	23.42	0.220	23.43	0.220
		DFT-S-OFDM QPSK	1	1	24.00	0.251	23.98	0.250	23.89	0.245
			1	53	<u>24.01</u>	<u>0.252</u>	23.92	0.247	23.87	0.244
			1	104	23.92	0.247	23.85	0.243	23.94	0.248
			50	0	23.01	0.200	22.91	0.195	22.87	0.194
			50	28	24.00	0.251	23.96	0.249	23.87	0.244
			50	56	23.01	0.200	22.94	0.197	22.86	0.193
			100	0	22.97	0.198	22.90	0.195	22.94	0.197
		DFT-S-OFDM 16QAM	1	1	22.90	0.195	<u>22.91</u>	<u>0.195</u>	22.75	0.188
		DFT-S-OFDM 64QAM	1	1	21.68	0.147	21.68	0.147	21.50	0.141
		CP-OFDM QPSK	1	1	<u>22.49</u>	<u>0.177</u>	22.33	0.171	22.37	0.173
		CP-OFDM 16QAM	1	1	<u>22.04</u>	<u>0.160</u>	22.03	0.160	21.91	0.155
		CP-OFDM 64QAM	1	1	20.36	0.109	20.50	0.112	20.27	0.106

NR Band 12										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					140300 (701.5 MHz)		141500 (707.5 MHz)		142700 (713.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	<u>24.65</u>	<u>0.292</u>	24.53	0.284	24.35	0.272
			1	13	24.64	0.291	24.53	0.284	24.35	0.272
			1	23	24.54	0.284	24.30	0.269	24.16	0.261
			12	0	24.18	0.262	24.13	0.259	23.85	0.243
			12	7	24.63	0.290	24.52	0.283	24.34	0.272
			12	13	24.23	0.265	24.00	0.251	23.83	0.242
			25	0	24.22	0.264	24.10	0.257	23.78	0.239
		DFT-S-OFDM QPSK	1	1	<u>24.60</u>	<u>0.288</u>	24.48	0.281	24.31	0.270
			1	13	24.11	0.258	24.46	0.279	24.29	0.269
			1	23	24.43	0.277	24.34	0.272	24.14	0.259
			12	0	23.67	0.233	23.37	0.217	23.17	0.207
			12	7	24.16	0.261	24.47	0.280	24.29	0.269
			12	13	23.63	0.231	23.48	0.223	23.45	0.221
			25	0	23.67	0.233	23.51	0.224	23.21	0.209
		DFT-S-OFDM 16QAM	1	1	<u>23.55</u>	<u>0.226</u>	23.39	0.218	23.21	0.209
		DFT-S-OFDM 64QAM	1	1	22.28	0.169	22.16	0.164	21.96	0.157
		CP-OFDM QPSK	1	1	<u>23.20</u>	<u>0.209</u>	23.07	0.203	22.76	0.189
		CP-OFDM 16QAM	1	1	<u>22.70</u>	<u>0.186</u>	22.53	0.179	22.32	0.171
		CP-OFDM 64QAM	1	1	21.05	0.127	21.09	0.129	20.80	0.120

NR Band 12										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					140800 (704 MHz)		141500 (707.5 MHz)		142200 (711 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	<u>24.57</u>	<u>0.286</u>	24.44	0.278	24.40	0.275
			1	26	24.46	0.279	24.39	0.275	24.32	0.270
			1	50	24.53	0.284	24.35	0.272	24.45	0.279
			25	0	24.09	0.256	23.86	0.243	23.88	0.244
			25	14	24.56	0.286	24.34	0.272	24.32	0.270
			25	27	23.96	0.249	23.93	0.247	23.99	0.251
		DFT-S-OFDM QPSK	50	0	24.05	0.254	24.02	0.252	23.89	0.245
			1	1	<u>24.56</u>	<u>0.286</u>	24.53	0.284	24.38	0.274
			1	26	24.46	0.279	24.34	0.272	24.47	0.280
			1	50	24.54	0.284	24.51	0.282	24.43	0.277
			25	0	23.58	0.228	23.55	0.226	23.26	0.212
			25	14	23.64	0.231	24.45	0.279	24.35	0.272
		DFT-S-OFDM 16QAM	25	27	23.70	0.234	23.33	0.215	23.38	0.218
50	0		23.46	0.222	23.48	0.223	23.29	0.213		
DFT-S-OFDM 64QAM	1	1	<u>23.49</u>	<u>0.223</u>	23.34	0.216	23.34	0.216		
DFT-S-OFDM 64QAM	1	1	21.98	0.158	21.94	0.156	21.99	0.158		
CP-OFDM QPSK	1	1	<u>23.03</u>	<u>0.201</u>	22.99	0.199	22.91	0.195		
CP-OFDM 16QAM	1	1	<u>22.58</u>	<u>0.181</u>	22.40	0.174	22.42	0.175		
CP-OFDM 64QAM	1	1	21.00	0.126	20.87	0.122	20.89	0.123		
NR Band 12										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					141300 (706.5 MHz)		141500 (707.5 MHz)		141700 (708.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.68	0.294	24.74	0.298	24.68	0.294
			1	40	24.71	0.296	24.69	0.294	<u>24.78</u>	<u>0.301</u>
			1	77	24.63	0.290	24.71	0.296	24.68	0.294
			36	0	24.09	0.256	24.21	0.264	24.14	0.259
			36	22	24.65	0.292	24.64	0.291	24.60	0.288
			36	43	24.14	0.259	24.20	0.263	24.20	0.263
			75	0	24.09	0.256	24.31	0.270	24.27	0.267
		DFT-S-OFDM QPSK	1	1	24.70	0.295	<u>24.79</u>	<u>0.301</u>	24.77	0.300
			1	40	24.77	0.300	24.75	0.299	24.58	0.287
			1	77	24.77	0.300	24.72	0.296	24.62	0.290
			36	0	23.65	0.232	23.82	0.241	23.78	0.239
			36	22	24.77	0.300	24.72	0.296	24.67	0.293
			36	43	23.81	0.240	23.68	0.233	23.68	0.233
			75	0	23.68	0.233	23.70	0.234	23.60	0.229
		DFT-S-OFDM 16QAM	1	1	23.69	0.234	<u>23.76</u>	<u>0.238</u>	23.73	0.236
		DFT-S-OFDM 64QAM	1	1	22.26	0.168	22.32	0.171	22.28	0.169
		CP-OFDM QPSK	1	1	23.15	0.207	23.16	0.207	<u>23.24</u>	<u>0.211</u>
		CP-OFDM 16QAM	1	1	22.71	0.187	<u>22.84</u>	<u>0.192</u>	22.74	0.188
CP-OFDM 64QAM	1	1	21.13	0.130	21.31	0.135	21.28	0.134		

NR Band 13											
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power						
					155900 (779.5 MHz)		156400 (782 MHz)		156900 (784.5 MHz)		
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	
5	15	DFT-S-OFDM BPSK	1	1	24.41	0.276	24.49	0.281	24.45	0.279	
			1	13	24.56	0.286	24.58	0.287	24.70	0.295	
			1	23	24.57	0.286	24.52	0.283	24.36	0.273	
			12	0	23.15	0.207	23.13	0.206	23.23	0.210	
			12	7	24.01	0.252	24.06	0.255	24.07	0.255	
			12	13	23.97	0.249	24.19	0.262	24.09	0.256	
		DFT-S-OFDM QPSK	25	0	24.11	0.258	24.20	0.263	24.10	0.257	
			1	1	24.22	0.264	24.47	0.280	24.42	0.277	
			1	13	24.40	0.275	24.46	0.279	24.37	0.274	
			1	23	24.65	0.292	24.39	0.275	24.27	0.267	
			12	0	23.59	0.229	23.57	0.228	23.64	0.231	
			12	7	24.63	0.290	24.51	0.282	24.54	0.284	
		DFT-S-OFDM 16QAM	12	13	23.65	0.232	23.58	0.228	23.60	0.229	
			25	0	23.61	0.230	23.70	0.234	23.60	0.229	
			DFT-S-OFDM 64QAM	1	1	23.02	0.200	22.97	0.198	23.56	0.227
			DFT-S-OFDM 64QAM	1	1	21.91	0.155	21.97	0.157	21.95	0.157
CP-OFDM QPSK	1	1	22.86	0.193	23.01	0.200	23.00	0.200			
CP-OFDM 16QAM	1	1	22.44	0.175	22.28	0.169	22.39	0.173			
CP-OFDM 64QAM	1	1	20.96	0.125	20.83	0.121	20.83	0.121			
NR Band 13											
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power						
							156400 (782 MHz)				
							(dB m)	(W)			
10	15	DFT-S-OFDM BPSK	1	1	-	-	24.49	0.281	-	-	
			1	26	-	-	24.76	0.299	-	-	
			1	50	-	-	24.40	0.275	-	-	
			25	0	-	-	24.43	0.277	-	-	
			25	14	-	-	24.62	0.290	-	-	
			25	27	-	-	24.11	0.258	-	-	
			50	0	-	-	24.08	0.256	-	-	
		DFT-S-OFDM QPSK	1	1	-	-	24.34	0.272	-	-	
			1	26	-	-	24.78	0.301	-	-	
			1	50	-	-	24.33	0.271	-	-	
			25	0	-	-	23.71	0.235	-	-	
			25	14	-	-	24.77	0.300	-	-	
			25	27	-	-	23.68	0.233	-	-	
			50	0	-	-	23.70	0.234	-	-	
		DFT-S-OFDM 16QAM	1	1	-	-	23.16	0.207	-	-	
		DFT-S-OFDM 64QAM	1	1	-	-	21.98	0.158	-	-	
		CP-OFDM QPSK	1	1	-	-	22.92	0.196	-	-	
		CP-OFDM 16QAM	1	1	-	-	22.44	0.175	-	-	
		CP-OFDM 64QAM	1	1	-	-	20.94	0.124	-	-	

NR Band 14										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					158100 (790.5 MHz)		158600 (793 MHz)		159100 (795.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.40	0.275	24.43	0.277	24.61	0.289
			1	13	24.33	0.271	24.35	0.272	24.53	0.284
			1	23	24.31	0.270	24.36	0.273	24.56	0.286
			12	0	23.91	0.246	23.98	0.250	24.05	0.254
			12	7	24.39	0.275	24.33	0.271	24.52	0.283
			12	13	23.82	0.241	23.91	0.246	24.06	0.255
		DFT-S-OFDM QPSK	25	0	23.88	0.244	23.83	0.242	24.07	0.255
			1	1	24.42	0.277	24.49	0.281	24.73	0.297
			1	13	24.41	0.276	24.45	0.279	24.64	0.291
			1	23	24.37	0.274	24.48	0.281	24.64	0.291
			12	0	23.38	0.218	23.43	0.220	23.66	0.232
			12	7	24.36	0.273	24.40	0.275	24.64	0.291
		DFT-S-OFDM 16QAM	12	13	23.57	0.228	23.47	0.222	23.81	0.240
			25	0	23.57	0.228	23.47	0.222	23.65	0.232
			DFT-S-OFDM 16QAM	1	1	23.48	0.223	23.53	0.225	23.63
DFT-S-OFDM 64QAM	1	1	21.97	0.157	21.93	0.156	22.10	0.162		
CP-OFDM QPSK	1	1	22.91	0.195	23.03	0.201	23.18	0.208		
CP-OFDM 16QAM	1	1	22.43	0.175	22.39	0.173	22.69	0.186		
CP-OFDM 64QAM	1	1	21.09	0.129	20.94	0.124	21.14	0.130		
NR Band 14										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
							158600 (793 MHz)			
							(dB m)	(W)		
10	15	DFT-S-OFDM BPSK	1	1	-	-	24.51	0.282	-	-
			1	26	-	-	24.55	0.285	-	-
			1	50	-	-	24.44	0.278	-	-
			25	0	-	-	24.19	0.262	-	-
			25	14	-	-	24.54	0.284	-	-
			25	27	-	-	23.97	0.249	-	-
			50	0	-	-	24.12	0.258	-	-
		DFT-S-OFDM QPSK	1	1	-	-	24.70	0.295	-	-
			1	26	-	-	24.90	0.309	-	-
			1	50	-	-	24.82	0.303	-	-
			25	0	-	-	23.68	0.233	-	-
			25	14	-	-	24.61	0.289	-	-
			25	27	-	-	23.58	0.228	-	-
			50	0	-	-	23.71	0.235	-	-
		DFT-S-OFDM 16QAM	1	1	-	-	24.08	0.256	-	-
		DFT-S-OFDM 64QAM	1	1	-	-	22.00	0.158	-	-
		CP-OFDM QPSK	1	1	-	-	23.03	0.201	-	-
		CP-OFDM 16QAM	1	1	-	-	22.54	0.179	-	-
CP-OFDM 64QAM	1	1	-	-	20.91	0.123	-	-		

NR Band 25/2											
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power						
					370500 (1 852.5 MHz)		376500 (1 882.5 MHz)		382500 (1 912.5 MHz)		
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	
5	15	DFT-S-OFDM BPSK	1	1	23.41	0.219	23.42	0.220	23.46	0.222	
			1	13	23.45	0.221	23.41	0.219	23.45	0.221	
			1	23	23.47	0.222	23.46	0.222	23.44	0.221	
			12	0	22.95	0.197	22.91	0.195	22.93	0.196	
			12	7	23.43	0.220	23.45	0.221	23.41	0.219	
			12	13	22.94	0.197	22.96	0.198	22.92	0.196	
		DFT-S-OFDM QPSK	25	0	22.95	0.197	22.98	0.199	22.97	0.198	
			1	1	23.42	0.220	23.43	0.220	23.49	0.223	
			1	13	23.45	0.221	23.43	0.220	23.46	0.222	
			1	23	23.41	0.219	23.44	0.221	23.46	0.222	
			12	0	22.47	0.177	22.42	0.175	22.43	0.175	
			12	7	23.45	0.221	23.40	0.219	23.42	0.220	
		DFT-S-OFDM 16QAM	12	13	22.46	0.176	22.41	0.174	22.35	0.172	
			25	0	22.43	0.175	22.47	0.177	22.48	0.177	
			DFT-S-OFDM 64QAM	1	1	22.43	0.175	22.43	0.175	22.40	0.174
			DFT-S-OFDM 64QAM	1	1	21.10	0.129	21.11	0.129	21.13	0.130
CP-OFDM QPSK	1	1	22.01	0.159	21.97	0.157	21.92	0.156			
CP-OFDM 16QAM	1	1	21.45	0.140	21.46	0.140	21.55	0.143			
CP-OFDM 64QAM	1	1	19.92	0.098	19.84	0.096	20.00	0.100			
NR Band 25/2											
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power						
					371000 (1 855 MHz)		376500 (1 882.5 MHz)		382000 (1 910 MHz)		
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	
10	15	DFT-S-OFDM BPSK	1	1	23.54	0.226	23.47	0.222	23.45	0.221	
			1	26	23.51	0.224	23.42	0.220	23.44	0.221	
			1	50	23.60	0.229	23.42	0.220	23.48	0.223	
			25	0	23.09	0.204	23.08	0.203	23.13	0.206	
			25	14	23.47	0.222	23.57	0.228	23.51	0.224	
			25	27	23.08	0.203	23.17	0.207	23.02	0.200	
		DFT-S-OFDM QPSK	50	0	23.02	0.200	23.14	0.206	23.04	0.201	
			1	1	23.50	0.224	23.63	0.231	23.42	0.220	
			1	26	23.45	0.221	23.54	0.226	23.47	0.222	
			1	50	23.61	0.230	23.67	0.233	23.45	0.221	
			25	0	22.54	0.179	22.57	0.181	22.46	0.176	
			25	14	23.43	0.220	23.57	0.228	23.50	0.224	
		DFT-S-OFDM 16QAM	25	27	22.53	0.179	22.63	0.183	22.66	0.185	
			50	0	22.52	0.179	22.66	0.185	22.72	0.187	
			DFT-S-OFDM 64QAM	1	1	22.48	0.177	22.62	0.183	22.68	0.185
			DFT-S-OFDM 64QAM	1	1	21.25	0.133	21.08	0.128	20.92	0.124
CP-OFDM QPSK	1	1	22.10	0.162	21.96	0.157	21.86	0.153			
CP-OFDM 16QAM	1	1	21.49	0.141	21.57	0.144	21.44	0.139			
CP-OFDM 64QAM	1	1	20.04	0.101	20.05	0.101	19.90	0.098			

NR Band 25/2										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					371500 (1 857.5 MHz)		376500 (1 882.5 MHz)		381500 (1 907.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	23.57	0.228	23.53	0.225	<u>23.66</u>	<u>0.232</u>
			1	40	23.53	0.225	23.52	0.225	23.60	0.229
			1	77	23.53	0.225	23.55	0.226	23.57	0.228
			36	0	23.03	0.201	22.96	0.198	23.09	0.204
			36	22	23.46	0.222	23.41	0.219	23.53	0.225
			36	43	23.07	0.203	23.06	0.202	23.04	0.201
			75	0	23.06	0.202	23.04	0.201	23.04	0.201
		DFT-S-OFDM QPSK	1	1	23.49	0.223	23.45	0.221	<u>23.61</u>	<u>0.230</u>
			1	40	23.45	0.221	23.49	0.223	23.46	0.222
			1	77	23.35	0.216	23.48	0.223	23.55	0.226
			36	0	22.43	0.175	22.51	0.178	22.60	0.182
			36	22	23.46	0.222	23.54	0.226	23.56	0.227
			36	43	22.35	0.172	22.51	0.178	22.79	0.190
			75	0	22.47	0.177	22.59	0.182	22.80	0.191
		DFT-S-OFDM 16QAM	1	1	22.59	0.182	22.44	0.175	<u>22.63</u>	<u>0.183</u>
		DFT-S-OFDM 64QAM	1	1	21.06	0.128	21.08	0.128	21.26	0.134
		CP-OFDM QPSK	1	1	22.08	0.161	22.02	0.159	<u>22.21</u>	<u>0.166</u>
		CP-OFDM 16QAM	1	1	21.63	0.146	21.51	0.142	<u>21.70</u>	<u>0.148</u>
		CP-OFDM 64QAM	1	1	20.10	0.102	20.07	0.102	20.10	0.102

NR Band 25/2										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					372000 (1 860 MHz)		376500 (1 882.5 MHz)		381000 (1 905 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	23.55	0.226	<u>23.60</u>	<u>0.229</u>	23.57	0.228
			1	53	23.48	0.223	23.50	0.224	23.53	0.225
			1	104	23.45	0.221	23.59	0.229	23.49	0.223
			50	0	23.15	0.207	23.10	0.204	23.02	0.200
			50	28	23.45	0.221	23.55	0.226	23.53	0.225
			50	56	22.99	0.199	23.10	0.204	23.11	0.205
			100	0	22.96	0.198	23.13	0.206	23.12	0.205
		DFT-S-OFDM QPSK	1	1	23.49	0.223	<u>23.59</u>	<u>0.229</u>	23.47	0.222
			1	53	23.43	0.220	23.52	0.225	23.47	0.222
			1	104	23.42	0.220	23.54	0.226	23.38	0.218
			50	0	22.57	0.181	22.52	0.179	22.51	0.178
			50	28	23.39	0.218	23.58	0.228	23.39	0.218
			50	56	22.47	0.177	22.45	0.176	22.60	0.182
			100	0	22.53	0.179	22.47	0.177	22.57	0.181
		DFT-S-OFDM 16QAM	1	1	22.50	0.178	22.51	0.178	<u>22.59</u>	<u>0.182</u>
		DFT-S-OFDM 64QAM	1	1	21.12	0.129	21.19	0.132	20.96	0.125
		CP-OFDM QPSK	1	1	<u>22.10</u>	<u>0.162</u>	22.03	0.160	22.02	0.159
		CP-OFDM 16QAM	1	1	21.49	0.141	<u>21.66</u>	<u>0.147</u>	21.62	0.145
		CP-OFDM 64QAM	1	1	20.06	0.101	20.00	0.100	20.08	0.102

NR Band 26/5 Part 22										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					165300 (826.5 MHz)		167300 (836.5 MHz)		169300 (846.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.23	0.265	24.25	0.266	<u>24.29</u>	<u>0.269</u>
			1	13	24.18	0.262	24.22	0.264	24.24	0.265
			1	23	24.14	0.259	24.23	0.265	24.22	0.264
			12	0	23.77	0.238	23.81	0.240	23.86	0.243
			12	7	24.20	0.263	24.20	0.263	24.22	0.264
			12	13	23.67	0.233	23.77	0.238	23.86	0.243
		DFT-S-OFDM QPSK	25	0	23.64	0.231	23.65	0.232	23.83	0.242
			1	1	24.14	0.259	<u>24.32</u>	<u>0.270</u>	24.30	0.269
			1	13	24.05	0.254	<u>24.26</u>	<u>0.267</u>	24.28	0.268
			1	23	24.08	0.256	24.31	0.270	24.21	0.264
			12	0	23.26	0.212	23.23	0.210	23.31	0.214
			12	7	24.14	0.259	24.23	0.265	24.24	0.265
		DFT-S-OFDM 16QAM	12	13	23.19	0.208	23.25	0.211	23.16	0.207
			25	0	23.24	0.211	23.35	0.216	23.40	0.219
			DFT-S-OFDM 16QAM	1	1	23.17	0.207	<u>23.35</u>	<u>0.216</u>	23.19
DFT-S-OFDM 64QAM	1	1	21.69	0.148	21.78	0.151	21.71	0.148		
CP-OFDM QPSK	1	1	22.67	0.185	22.68	0.185	<u>22.89</u>	<u>0.195</u>		
CP-OFDM 16QAM	1	1	22.23	0.167	22.16	0.164	<u>22.38</u>	<u>0.173</u>		
CP-OFDM 64QAM	1	1	20.78	0.120	20.74	0.119	20.82	0.121		
NR Band 26/5 Part 22										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					165800 (829 MHz)		167300 (836.5 MHz)		168800 (844 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.34	0.272	24.39	0.275	<u>24.46</u>	<u>0.279</u>
			1	26	24.18	0.262	24.33	0.271	24.37	0.274
			1	50	24.24	0.265	24.29	0.269	24.34	0.272
			25	0	23.83	0.242	23.79	0.239	23.99	0.251
			25	14	24.33	0.271	24.41	0.276	24.38	0.274
			25	27	23.77	0.238	23.92	0.247	23.87	0.244
			50	0	23.66	0.232	23.95	0.248	23.95	0.248
		DFT-S-OFDM QPSK	1	1	24.19	0.262	24.48	0.281	<u>24.55</u>	<u>0.285</u>
			1	26	24.25	0.266	24.42	0.277	24.45	0.279
			1	50	24.14	0.259	24.36	0.273	24.33	0.271
			25	0	23.27	0.212	23.48	0.223	23.56	0.227
			25	14	24.18	0.262	24.34	0.272	24.38	0.274
			25	27	23.29	0.213	23.29	0.213	23.32	0.215
			50	0	23.29	0.213	23.24	0.211	23.56	0.227
		DFT-S-OFDM 16QAM	1	1	23.16	0.207	23.44	0.221	<u>23.50</u>	<u>0.224</u>
		DFT-S-OFDM 64QAM	1	1	21.72	0.149	21.94	0.156	21.87	0.154
		CP-OFDM QPSK	1	1	22.65	0.184	22.88	0.194	<u>22.94</u>	<u>0.197</u>
		CP-OFDM 16QAM	1	1	22.26	0.168	22.32	0.171	<u>22.45</u>	<u>0.176</u>
CP-OFDM 64QAM	1	1	20.74	0.119	20.84	0.121	20.87	0.122		

NR Band 26/5 Part 22										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					166300 (831.5 MHz)		167300 (836.5 MHz)		168300 (841.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.19	0.262	24.29	0.269	24.44	0.278
			1	40	24.13	0.259	24.29	0.269	24.48	0.281
			1	77	24.14	0.259	24.20	0.263	24.51	0.282
			36	0	23.69	0.234	23.71	0.235	23.99	0.251
			36	22	24.10	0.257	24.36	0.273	24.48	0.281
			36	43	23.79	0.239	23.81	0.240	24.04	0.254
		DFT-S-OFDM QPSK	75	0	23.73	0.236	23.89	0.245	23.88	0.244
			1	1	24.29	0.269	24.21	0.264	24.39	0.275
			1	40	24.11	0.258	24.39	0.275	24.54	0.284
			1	77	24.14	0.259	24.38	0.274	24.36	0.273
			36	0	23.25	0.211	23.39	0.218	23.49	0.223
			36	22	24.15	0.260	24.33	0.271	24.45	0.279
		DFT-S-OFDM 16QAM	36	43	23.17	0.207	23.19	0.208	23.30	0.214
			75	0	23.07	0.203	23.33	0.215	23.35	0.216
			1	1	23.21	0.209	23.23	0.210	23.37	0.217
DFT-S-OFDM 64QAM	1	1	21.60	0.145	21.69	0.148	21.86	0.153		
CP-OFDM QPSK	1	1	22.79	0.190	22.69	0.186	22.99	0.199		
CP-OFDM 16QAM	1	1	22.28	0.169	22.25	0.168	22.46	0.176		
CP-OFDM 64QAM	1	1	20.76	0.119	20.70	0.117	20.92	0.124		
NR Band 26/5 Part 22										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					166800 (834 MHz)		167300 (836.5 MHz)		167800 (839 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	24.24	0.265	24.30	0.269	24.35	0.272
			1	53	24.07	0.255	24.46	0.279	24.24	0.265
			1	104	24.06	0.255	24.30	0.269	24.35	0.272
			50	0	23.65	0.232	23.89	0.245	23.92	0.247
			50	28	24.22	0.264	24.10	0.257	24.35	0.272
			50	56	23.68	0.233	23.84	0.242	23.84	0.242
			100	0	23.66	0.232	23.84	0.242	23.90	0.245
		DFT-S-OFDM QPSK	1	1	24.30	0.269	24.11	0.258	24.32	0.270
			1	53	24.36	0.273	24.26	0.267	24.30	0.269
			1	104	24.27	0.267	24.43	0.277	24.17	0.261
			50	0	23.37	0.217	23.24	0.211	23.50	0.224
			50	28	24.07	0.255	24.34	0.272	24.45	0.279
			50	56	23.16	0.207	23.40	0.219	23.41	0.219
			100	0	23.27	0.212	23.34	0.216	23.27	0.212
		DFT-S-OFDM 16QAM	1	1	23.18	0.208	23.34	0.216	23.31	0.214
		DFT-S-OFDM 64QAM	1	1	21.58	0.144	21.95	0.157	21.82	0.152
		CP-OFDM QPSK	1	1	22.75	0.188	22.94	0.197	22.98	0.199
		CP-OFDM 16QAM	1	1	22.37	0.173	22.32	0.171	22.29	0.169
CP-OFDM 64QAM	1	1	20.66	0.116	20.80	0.120	20.76	0.119		

NR Band 26_Part 90										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					163300 (816.5 MHz)		163800 (819 MHz)		164300 (821.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.23	0.265	24.43	0.277	24.40	0.275
			1	13	24.16	0.261	24.41	0.276	24.36	0.273
			1	23	24.15	0.260	24.40	0.275	24.38	0.274
			12	0	23.72	0.236	23.94	0.248	23.94	0.248
			12	7	24.22	0.264	24.36	0.273	24.35	0.272
			12	13	23.71	0.235	24.03	0.253	23.97	0.249
		DFT-S-OFDM QPSK	25	0	23.78	0.239	23.91	0.246	23.96	0.249
			1	1	24.30	0.269	24.37	0.274	24.17	0.261
			1	13	24.21	0.264	24.30	0.269	24.15	0.260
			1	23	24.22	0.264	24.30	0.269	24.17	0.261
			12	0	23.34	0.216	23.23	0.210	23.15	0.207
			12	7	24.25	0.266	24.30	0.269	24.15	0.260
		DFT-S-OFDM 16QAM	12	13	23.33	0.215	23.25	0.211	23.31	0.214
			25	0	23.40	0.219	23.35	0.216	23.31	0.214
			DFT-S-OFDM 16QAM	1	1	23.18	0.208	23.51	0.224	23.44
DFT-S-OFDM 64QAM	1	1	21.70	0.148	21.99	0.158	21.85	0.153		
CP-OFDM QPSK	1	1	22.79	0.190	22.97	0.198	22.81	0.191		
CP-OFDM 16QAM	1	1	22.25	0.168	22.34	0.171	22.42	0.175		
CP-OFDM 64QAM	1	1	20.82	0.121	20.98	0.125	20.99	0.126		
NR Band 26_Part 90										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
							163800 (819 MHz)			
							(dB m)	(W)		
10	15	DFT-S-OFDM BPSK	1	1	-	-	24.43	0.277	-	-
			1	26	-	-	24.37	0.274	-	-
			1	50	-	-	24.46	0.279	-	-
			25	0	-	-	24.00	0.251	-	-
			25	14	-	-	24.41	0.276	-	-
			25	27	-	-	23.99	0.251	-	-
		DFT-S-OFDM QPSK	50	0	-	-	23.91	0.246	-	-
			1	1	-	-	24.47	0.280	-	-
			1	26	-	-	24.42	0.277	-	-
			1	50	-	-	24.36	0.273	-	-
			25	0	-	-	23.58	0.228	-	-
			25	14	-	-	24.41	0.276	-	-
		DFT-S-OFDM 16QAM	25	27	-	-	23.35	0.216	-	-
			50	0	-	-	23.42	0.220	-	-
			DFT-S-OFDM 16QAM	1	1	-	-	23.44	0.221	-
		DFT-S-OFDM 64QAM	1	1	-	-	22.06	0.161	-	-
		CP-OFDM QPSK	1	1	-	-	22.93	0.196	-	-
		CP-OFDM 16QAM	1	1	-	-	22.54	0.179	-	-
CP-OFDM 64QAM	1	1	-	-	20.92	0.124	-	-		

NR Band 66										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					342500 (1 712.5 MHz)		349000 (1 745.0 MHz)		355500 (1 777.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	22.74	0.188	22.64	0.184	22.68	0.185
			1	13	22.82	0.191	22.58	0.181	22.71	0.187
			1	23	22.69	0.186	22.71	0.187	22.72	0.187
			12	0	22.14	0.164	22.10	0.162	22.26	0.168
			12	7	22.74	0.188	22.71	0.187	22.65	0.184
			12	13	22.14	0.164	22.13	0.163	22.18	0.165
			25	0	22.32	0.171	22.08	0.161	22.23	0.167
		DFT-S-OFDM QPSK	1	1	22.95	0.197	22.56	0.180	22.78	0.190
			1	13	22.70	0.186	22.59	0.182	22.76	0.189
			1	23	22.78	0.190	22.62	0.183	22.66	0.185
			12	0	21.75	0.150	21.66	0.147	21.64	0.146
			12	7	22.66	0.185	22.60	0.182	22.64	0.184
			12	13	21.84	0.153	21.78	0.151	21.69	0.148
			25	0	21.88	0.154	21.71	0.148	21.83	0.152
		DFT-S-OFDM 16QAM	1	1	21.69	0.148	21.63	0.146	21.72	0.149
		DFT-S-OFDM 64QAM	1	1	20.25	0.106	20.11	0.103	20.10	0.102
		CP-OFDM QPSK	1	1	21.14	0.130	21.07	0.128	21.12	0.129
		CP-OFDM 16QAM	1	1	20.71	0.118	20.59	0.115	20.65	0.116
		CP-OFDM 64QAM	1	1	19.32	0.086	19.10	0.081	19.09	0.081

NR Band 66										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					343000 (1 715.0 MHz)		349000 (1 745.0 MHz)		355000 (1 775.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	22.76	0.189	22.70	0.186	22.77	0.189
			1	26	22.79	0.190	22.61	0.182	22.73	0.187
			1	50	22.71	0.187	22.76	0.189	22.75	0.188
			25	0	22.29	0.169	22.14	0.164	22.17	0.165
			25	14	22.70	0.186	22.72	0.187	22.73	0.187
			25	27	22.30	0.170	22.24	0.167	22.29	0.169
			50	0	22.34	0.171	22.23	0.167	22.33	0.171
		DFT-S-OFDM QPSK	1	1	22.77	0.189	22.67	0.185	22.67	0.185
			1	26	22.81	0.191	22.77	0.189	22.71	0.187
			1	50	22.71	0.187	22.69	0.186	22.82	0.191
			25	0	21.69	0.148	21.59	0.144	21.90	0.155
			25	14	21.70	0.148	21.75	0.150	21.75	0.150
			25	27	21.62	0.145	21.76	0.150	21.64	0.146
			50	0	21.82	0.152	21.78	0.151	21.68	0.147
		DFT-S-OFDM 16QAM	1	1	21.73	0.149	21.63	0.146	21.68	0.147
		DFT-S-OFDM 64QAM	1	1	20.16	0.104	20.19	0.104	20.28	0.107
		CP-OFDM QPSK	1	1	21.21	0.132	21.21	0.132	21.24	0.133
		CP-OFDM 16QAM	1	1	20.79	0.120	20.75	0.119	20.81	0.121
		CP-OFDM 64QAM	1	1	19.22	0.084	19.28	0.085	19.37	0.086

NR Band 66										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					343500 (1 717.5 MHz)		349000 (1 745.0 MHz)		354500 (1 772.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	22.81	0.191	22.82	0.191	22.70	0.186
			1	40	22.85	0.193	22.83	0.192	22.76	0.189
			1	77	22.90	0.195	22.80	0.191	22.60	0.182
			36	0	22.31	0.170	22.26	0.168	22.16	0.164
			36	22	22.88	0.194	22.79	0.190	22.78	0.190
			36	43	22.22	0.167	22.33	0.171	22.22	0.167
			75	0	22.31	0.170	22.41	0.174	22.15	0.164
		DFT-S-OFDM QPSK	1	1	22.80	0.191	22.92	0.196	22.69	0.186
			1	40	22.75	0.188	22.79	0.190	22.79	0.190
			1	77	22.85	0.193	22.72	0.187	22.76	0.189
			36	0	21.68	0.147	21.71	0.148	21.64	0.146
			36	22	22.72	0.187	22.86	0.193	22.64	0.184
			36	43	21.81	0.152	21.93	0.156	21.74	0.149
			75	0	21.95	0.157	21.92	0.156	21.62	0.145
		DFT-S-OFDM 16QAM	1	1	21.82	0.152	21.76	0.150	21.74	0.149
		DFT-S-OFDM 64QAM	1	1	20.24	0.106	20.34	0.108	20.27	0.106
		CP-OFDM QPSK	1	1	21.27	0.134	21.24	0.133	21.30	0.135
		CP-OFDM 16QAM	1	1	20.77	0.119	20.91	0.123	20.71	0.118
		CP-OFDM 64QAM	1	1	19.39	0.087	19.33	0.086	19.12	0.082

NR Band 66										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					344000 (1 720.0 MHz)		349000 (1 745.0 MHz)		354000 (1 770.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	22.84	0.192	22.91	0.195	22.82	0.191
			1	53	22.86	0.193	22.81	0.191	22.91	0.195
			1	104	22.94	0.197	22.92	0.196	22.89	0.195
			50	0	22.44	0.175	22.36	0.172	22.29	0.169
			50	28	22.86	0.193	22.92	0.196	22.89	0.195
			50	56	22.34	0.171	22.31	0.170	22.37	0.173
			100	0	22.39	0.173	22.32	0.171	22.28	0.169
		DFT-S-OFDM QPSK	1	1	22.90	0.195	22.83	0.192	22.91	0.195
			1	53	22.80	0.191	22.95	0.197	22.89	0.195
			1	104	22.77	0.189	22.81	0.191	22.85	0.193
			50	0	21.94	0.156	21.76	0.150	21.74	0.149
			50	28	22.86	0.193	22.81	0.191	22.86	0.193
			50	56	21.85	0.153	21.99	0.158	21.71	0.148
			100	0	21.85	0.153	21.95	0.157	21.69	0.148
		DFT-S-OFDM 16QAM	1	1	21.74	0.149	21.94	0.156	21.86	0.153
		DFT-S-OFDM 64QAM	1	1	20.39	0.109	20.50	0.112	20.25	0.106
		CP-OFDM QPSK	1	1	21.44	0.139	21.44	0.139	21.29	0.135
		CP-OFDM 16QAM	1	1	20.91	0.123	20.83	0.121	20.80	0.120
		CP-OFDM 64QAM	1	1	19.43	0.088	19.37	0.086	19.29	0.085

NR Band 66										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					349000 (1 745.0 MHz)					
							(dB m)	(W)		
40	15	DFT-S-OFDM BPSK	1	1	-	-	<u>22.94</u>	<u>0.197</u>	-	-
			1	108	-	-	22.89	0.195	-	-
			1	214	-	-	22.91	0.195	-	-
			108	0	-	-	22.34	0.171	-	-
			108	54	-	-	22.91	0.195	-	-
			108	108	-	-	22.42	0.175	-	-
			216	0	-	-	22.37	0.173	-	-
		DFT-S-OFDM QPSK	1	1	-	-	<u>22.92</u>	<u>0.196</u>	-	-
			1	108	-	-	22.86	0.193	-	-
			1	214	-	-	22.89	0.195	-	-
			108	0	-	-	22.03	0.160	-	-
			108	54	-	-	22.89	0.195	-	-
			108	108	-	-	21.82	0.152	-	-
			216	0	-	-	22.02	0.159	-	-
		DFT-S-OFDM 16QAM	1	1	-	-	<u>21.94</u>	<u>0.156</u>	-	-
		DFT-S-OFDM 64QAM	1	1	-	-	20.49	0.112	-	-
		CP-OFDM QPSK	1	1	-	-	<u>21.48</u>	<u>0.141</u>	-	-
		CP-OFDM 16QAM	1	1	-	-	<u>20.90</u>	<u>0.123</u>	-	-
		CP-OFDM 64QAM	1	1	-	-	19.31	0.085	-	-

NR Band 71										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					133100 (665.5 MHz)		136100 (680.5 MHz)		139100 (695.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.29	0.269	24.29	0.269	<u>24.46</u>	<u>0.279</u>
			1	13	24.29	0.269	24.29	0.269	24.40	0.275
			1	23	24.33	0.271	24.21	0.264	24.25	0.266
			12	0	23.88	0.244	23.73	0.236	24.00	0.251
			12	7	24.31	0.270	24.28	0.268	24.45	0.279
			12	13	23.81	0.240	23.82	0.241	23.98	0.250
		DFT-S-OFDM QPSK	25	0	23.84	0.242	23.78	0.239	23.83	0.242
			1	1	24.28	0.268	24.31	0.270	<u>24.44</u>	<u>0.278</u>
			1	13	24.32	0.270	24.31	0.270	24.44	0.278
			1	23	24.31	0.270	24.25	0.266	24.22	0.264
			12	0	23.29	0.213	23.27	0.212	23.26	0.212
			12	7	24.31	0.270	24.30	0.269	24.41	0.276
		DFT-S-OFDM 16QAM	12	13	23.29	0.213	23.31	0.214	23.44	0.221
			25	0	23.22	0.210	23.18	0.208	23.26	0.212
DFT-S-OFDM 64QAM	1	1	23.20	0.209	23.35	0.216	<u>23.39</u>	<u>0.218</u>		
DFT-S-OFDM 64QAM	1	1	21.72	0.149	21.78	0.151	21.94	0.156		
CP-OFDM QPSK	1	1	22.78	0.190	22.74	0.188	<u>22.98</u>	<u>0.199</u>		
CP-OFDM 16QAM	1	1	22.35	0.172	22.21	0.166	<u>22.37</u>	<u>0.173</u>		
CP-OFDM 64QAM	1	1	20.70	0.117	20.72	0.118	20.82	0.121		
NR Band 71										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					133600 (668.0 MHz)		136100 (680.5 MHz)		138600 (693.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	<u>24.34</u>	<u>0.272</u>	24.10	0.257	24.23	0.265
			1	26	24.33	0.271	24.10	0.257	24.21	0.264
			1	50	24.29	0.269	24.28	0.268	24.26	0.267
			25	0	23.77	0.238	23.63	0.231	23.64	0.231
			25	14	24.33	0.271	24.08	0.256	24.18	0.262
			25	27	23.75	0.237	23.51	0.224	23.64	0.231
		DFT-S-OFDM QPSK	50	0	23.82	0.241	23.60	0.229	23.79	0.239
			1	1	<u>24.33</u>	<u>0.271</u>	24.25	0.266	24.32	0.270
			1	26	24.32	0.270	24.02	0.252	24.26	0.267
			1	50	24.25	0.266	24.33	0.271	24.25	0.266
			25	0	23.20	0.209	23.12	0.205	23.33	0.215
			25	14	24.31	0.270	24.02	0.252	24.32	0.270
		DFT-S-OFDM 16QAM	25	27	23.43	0.220	23.18	0.208	23.13	0.206
			50	0	23.21	0.209	22.99	0.199	23.12	0.205
		DFT-S-OFDM 16QAM	1	1	23.30	0.214	23.06	0.202	<u>23.33</u>	<u>0.215</u>
		DFT-S-OFDM 64QAM	1	1	21.84	0.153	21.60	0.145	21.74	0.149
		CP-OFDM QPSK	1	1	<u>22.94</u>	<u>0.197</u>	22.64	0.184	22.79	0.190
		CP-OFDM 16QAM	1	1	<u>22.29</u>	<u>0.169</u>	22.13	0.163	22.29	0.169
CP-OFDM 64QAM	1	1	20.88	0.122	20.65	0.116	20.73	0.118		

NR Band 71										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					134100 (670.5 MHz)		136100 (680.5 MHz)		138100 (690.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.41	0.276	24.40	0.275	24.32	0.270
			1	40	24.48	0.281	24.33	0.271	24.34	0.272
			1	77	24.49	0.281	24.31	0.270	24.29	0.269
			36	0	23.84	0.242	23.87	0.244	23.88	0.244
			36	22	24.37	0.274	24.39	0.275	24.37	0.274
			36	43	23.89	0.245	23.86	0.243	23.72	0.236
		DFT-S-OFDM QPSK	75	0	23.97	0.249	23.84	0.242	23.78	0.239
			1	1	24.31	0.270	24.45	0.279	24.22	0.264
			1	40	24.35	0.272	24.51	0.282	24.29	0.269
			1	77	24.39	0.275	24.50	0.282	24.23	0.265
			36	0	23.42	0.220	23.35	0.216	23.19	0.208
			36	22	24.37	0.274	24.40	0.275	24.33	0.271
		DFT-S-OFDM 16QAM	36	43	23.39	0.218	23.36	0.217	23.25	0.211
			75	0	23.48	0.223	23.44	0.221	23.31	0.214
			1	1	23.49	0.223	23.30	0.214	23.36	0.217
DFT-S-OFDM 64QAM	1	1	22.00	0.158	21.82	0.152	21.92	0.156		
CP-OFDM QPSK	1	1	22.95	0.197	22.97	0.198	22.72	0.187		
CP-OFDM 16QAM	1	1	22.34	0.171	22.39	0.173	22.40	0.174		
CP-OFDM 64QAM	1	1	20.83	0.121	20.82	0.121	20.91	0.123		

NR Band 71										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					134600 (673.0 MHz)		136100 (680.5 MHz)		137600 (688.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	24.37	0.274	24.32	0.270	24.42	0.277
			1	53	24.30	0.269	24.22	0.264	24.47	0.280
			1	104	24.29	0.269	24.34	0.272	24.32	0.270
			50	0	23.80	0.240	23.88	0.244	23.96	0.249
			50	28	24.45	0.279	24.37	0.274	24.34	0.272
			50	56	23.88	0.244	23.77	0.238	23.99	0.251
		DFT-S-OFDM QPSK	100	0	23.79	0.239	23.81	0.240	23.89	0.245
			1	1	24.27	0.267	24.27	0.267	24.41	0.276
			1	53	24.29	0.269	24.28	0.268	24.43	0.277
			1	104	24.46	0.279	24.31	0.270	24.39	0.275
			50	0	23.51	0.224	23.45	0.221	23.34	0.216
			50	28	24.27	0.267	24.42	0.277	24.40	0.275
		DFT-S-OFDM 16QAM	50	56	23.39	0.218	23.28	0.213	23.56	0.227
			100	0	23.25	0.211	23.46	0.222	23.31	0.214
			1	1	23.32	0.215	23.36	0.217	23.47	0.222
		DFT-S-OFDM 64QAM	1	1	21.85	0.153	21.88	0.154	21.82	0.152
		CP-OFDM QPSK	1	1	22.86	0.193	22.82	0.191	22.85	0.193
		CP-OFDM 16QAM	1	1	22.40	0.174	22.28	0.169	22.37	0.173
		CP-OFDM 64QAM	1	1	20.77	0.119	20.74	0.119	20.85	0.122

ENDC

5A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					370500 (1 852.5 MHz)		376000 (1 880.0 MHz)		381500 (1 907.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	23.19	0.208	23.26	0.212	23.28	0.213
			1	13	23.39	0.218	23.41	0.219	23.31	0.214
			1	23	23.30	0.214	23.31	0.214	23.24	0.211
		DFT-S-OFDM QPSK	1	1	23.13	0.206	23.14	0.206	23.21	0.209
			1	13	23.30	0.214	23.26	0.212	23.20	0.209
			1	23	23.23	0.210	23.24	0.211	23.09	0.204
5A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					371000 (1 855.0 MHz)		376000 (1 880.0 MHz)		381000 (1 905.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	23.31	0.214	23.27	0.212	23.43	0.220
			1	26	23.46	0.222	23.27	0.212	23.45	0.221
			1	50	23.35	0.216	23.28	0.213	23.23	0.210
		DFT-S-OFDM QPSK	1	1	23.21	0.209	23.11	0.205	23.37	0.217
			1	26	23.29	0.213	23.19	0.208	23.35	0.216
			1	50	23.30	0.214	23.20	0.209	23.15	0.207
5A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					371500 (1 857.5 MHz)		376000 (1 880.0 MHz)		380500 (1 902.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	23.45	0.221	23.37	0.217	23.48	0.223
			1	40	23.56	0.227	23.32	0.215	23.37	0.217
			1	77	23.46	0.222	23.29	0.213	23.30	0.214
		DFT-S-OFDM QPSK	1	1	23.41	0.219	23.30	0.214	23.35	0.216
			1	40	23.38	0.218	23.25	0.211	23.23	0.210
			1	77	23.36	0.217	23.23	0.210	23.24	0.211
5A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					372000 (1 860.0 MHz)		376000 (1 880.0 MHz)		380000 (1 900.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	23.41	0.219	23.42	0.220	23.47	0.222
			1	53	23.46	0.222	23.33	0.215	23.37	0.217
			1	104	23.45	0.221	23.34	0.216	23.16	0.207
		DFT-S-OFDM QPSK	1	1	23.29	0.213	23.31	0.214	23.38	0.218
			1	53	23.38	0.218	23.25	0.211	23.32	0.215
			1	104	23.34	0.216	23.27	0.212	23.08	0.203

12A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					370500 (1 852.5 MHz)		376000 (1 880.0 MHz)		381500 (1 907.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	23.24	0.211	23.24	0.211	23.32	0.215
			1	13	23.31	0.214	23.37	0.217	23.26	0.212
			1	23	23.27	0.212	23.30	0.214	23.24	0.211
		DFT-S-OFDM QPSK	1	1	23.06	0.202	23.07	0.203	23.21	0.209
			1	13	23.25	0.211	23.32	0.215	23.26	0.212
			1	23	23.20	0.209	23.28	0.213	23.15	0.207
12A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					371000 (1 855.0 MHz)		376000 (1 880.0 MHz)		381000 (1 905.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	23.30	0.214	23.30	0.214	23.45	0.221
			1	26	23.47	0.222	23.32	0.215	23.42	0.220
			1	50	23.36	0.217	23.31	0.214	23.22	0.210
		DFT-S-OFDM QPSK	1	1	23.18	0.208	23.14	0.206	23.38	0.218
			1	26	23.36	0.217	23.22	0.210	23.36	0.217
			1	50	23.30	0.214	23.25	0.211	23.14	0.206
12A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					371500 (1 857.5 MHz)		376000 (1 880.0 MHz)		380500 (1 902.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	<u>23.55</u>	<u>0.227</u>	23.38	0.218	23.45	0.221
			1	40	23.54	0.226	23.39	0.218	23.42	0.220
			1	77	23.50	0.224	23.38	0.218	23.18	0.208
		DFT-S-OFDM QPSK	1	1	23.35	0.216	23.37	0.217	23.40	0.219
			1	40	23.38	0.218	23.24	0.211	23.24	0.211
			1	77	23.44	0.221	23.26	0.212	23.15	0.207
12A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					372000 (1 860.0 MHz)		376000 (1 880.0 MHz)		380000 (1 900.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	23.46	0.222	23.41	0.219	23.31	0.214
			1	53	23.49	0.223	23.35	0.216	23.41	0.219
			1	104	23.43	0.220	23.31	0.214	23.07	0.203
		DFT-S-OFDM QPSK	1	1	23.27	0.212	23.32	0.215	23.24	0.211
			1	53	23.42	0.220	23.26	0.212	23.37	0.217
			1	104	23.26	0.212	23.28	0.213	23.01	0.200

13A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					370500 (1 852.5 MHz)		376000 (1 880.0 MHz)		381500 (1 907.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	23.18	0.208	23.14	0.206	23.32	0.215
			1	13	23.24	0.211	23.25	0.211	23.33	0.215
			1	23	23.28	0.213	23.30	0.214	23.19	0.208
		DFT-S-OFDM QPSK	1	1	23.10	0.204	23.07	0.203	23.23	0.210
			1	13	23.22	0.210	23.22	0.210	23.22	0.210
			1	23	23.15	0.207	23.21	0.209	23.15	0.207
13A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					371000 (1 855.0 MHz)		376000 (1 880.0 MHz)		381000 (1 905.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	23.25	0.211	23.25	0.211	23.38	0.218
			1	26	23.35	0.216	23.28	0.213	23.39	0.218
			1	50	23.34	0.216	23.25	0.211	23.16	0.207
		DFT-S-OFDM QPSK	1	1	23.22	0.210	23.16	0.207	23.31	0.214
			1	26	23.25	0.211	23.17	0.207	23.30	0.214
			1	50	23.30	0.214	23.19	0.208	23.08	0.203
13A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					371500 (1 857.5 MHz)		376000 (1 880.0 MHz)		380500 (1 902.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	23.36	0.217	23.35	0.216	23.39	0.218
			1	40	23.45	0.221	23.35	0.216	23.29	0.213
			1	77	23.49	0.223	23.34	0.216	23.20	0.209
		DFT-S-OFDM QPSK	1	1	23.28	0.213	23.37	0.217	23.34	0.216
			1	40	23.32	0.215	23.28	0.213	23.25	0.211
			1	77	23.40	0.219	23.29	0.213	23.12	0.205
13A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					372000 (1 860.0 MHz)		376000 (1 880.0 MHz)		380000 (1 900.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	23.42	0.220	23.40	0.219	23.32	0.215
			1	53	23.45	0.221	23.37	0.217	23.45	0.221
			1	104	23.33	0.215	23.38	0.218	23.05	0.202
		DFT-S-OFDM QPSK	1	1	23.31	0.214	23.30	0.214	23.26	0.212
			1	53	23.35	0.216	23.30	0.214	23.37	0.217
			1	104	23.19	0.208	23.32	0.215	22.97	0.198

14A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					370500 (1 852.5 MHz)		376000 (1 880.0 MHz)		381500 (1 907.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	23.21	0.209	23.21	0.209	23.25	0.211
			1	13	23.40	0.219	23.26	0.212	23.24	0.211
			1	23	23.23	0.210	23.20	0.209	23.17	0.207
		DFT-S-OFDM QPSK	1	1	23.08	0.203	23.08	0.203	23.16	0.207
			1	13	23.20	0.209	23.12	0.205	23.15	0.207
			1	23	23.20	0.209	23.11	0.205	23.07	0.203
14A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					371000 (1 855.0 MHz)		376000 (1 880.0 MHz)		381000 (1 905.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	23.27	0.212	23.21	0.209	23.42	0.220
			1	26	23.32	0.215	23.18	0.208	23.30	0.214
			1	50	23.36	0.217	23.33	0.215	23.10	0.204
		DFT-S-OFDM QPSK	1	1	23.16	0.207	23.17	0.207	23.34	0.216
			1	26	23.23	0.210	23.08	0.203	23.22	0.210
			1	50	23.33	0.215	23.27	0.212	23.02	0.200
14A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					371500 (1 857.5 MHz)		376000 (1 880.0 MHz)		380500 (1 902.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	23.43	0.220	23.35	0.216	23.46	0.222
			1	40	23.47	0.222	23.39	0.218	23.42	0.220
			1	77	23.49	0.223	23.44	0.221	23.16	0.207
		DFT-S-OFDM QPSK	1	1	23.31	0.214	23.30	0.214	23.37	0.217
			1	40	23.32	0.215	23.24	0.211	23.25	0.211
			1	77	23.33	0.215	23.40	0.219	23.03	0.201
14A-n2A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					372000 (1 860.0 MHz)		376000 (1 880.0 MHz)		380000 (1 900.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	23.39	0.218	23.33	0.215	23.27	0.212
			1	53	23.42	0.220	23.32	0.215	23.41	0.219
			1	104	23.28	0.213	23.33	0.215	23.00	0.200
		DFT-S-OFDM QPSK	1	1	23.20	0.209	23.26	0.212	23.26	0.212
			1	53	23.32	0.215	23.26	0.212	23.41	0.219
			1	104	23.23	0.210	23.26	0.212	22.92	0.196

2A-n5A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					165300 (826.5 MHz)		167300 (836.5 MHz)		169300 (846.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.26	0.267	24.40	0.275	24.19	0.262
			1	13	24.40	0.275	24.50	0.282	23.86	0.243
			1	23	24.26	0.267	24.27	0.267	24.14	0.259
		DFT-S-OFDM QPSK	1	1	24.27	0.267	24.30	0.269	24.09	0.256
			1	13	24.25	0.266	24.31	0.270	23.74	0.237
			1	23	24.14	0.259	24.27	0.267	24.05	0.254
2A-n5A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					165800 (829.0 MHz)		167300 (836.5 MHz)		168800 (844.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	23.56	0.227	23.42	0.220	24.20	0.263
			1	26	23.61	0.230	23.72	0.236	24.10	0.257
			1	50	22.48	0.177	23.43	0.220	23.71	0.235
		DFT-S-OFDM QPSK	1	1	23.51	0.224	23.35	0.216	24.09	0.256
			1	26	23.53	0.225	23.62	0.230	24.05	0.254
			1	50	22.42	0.175	23.37	0.217	23.64	0.231
2A-n5A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					166300 (831.5 MHz)		167300 (836.5 MHz)		168300 (841.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.13	0.259	24.44	0.278	24.47	0.280
			1	40	23.49	0.223	24.42	0.277	24.28	0.268
			1	77	23.25	0.211	24.26	0.267	23.86	0.243
		DFT-S-OFDM QPSK	1	1	24.07	0.255	24.41	0.276	24.33	0.271
			1	40	23.43	0.220	24.36	0.273	24.27	0.267
			1	77	23.19	0.208	24.19	0.262	23.79	0.239
2A-n5A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					166800 (834.0 MHz)		167300 (836.5 MHz)		167800 (839.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	24.15	0.260	24.35	0.272	24.37	0.274
			1	53	24.39	0.275	24.41	0.276	24.32	0.270
			1	104	24.30	0.269	23.00	0.200	23.27	0.212
		DFT-S-OFDM QPSK	1	1	24.13	0.259	24.29	0.269	24.39	0.275
			1	53	24.36	0.273	24.32	0.270	24.25	0.266
			1	104	24.23	0.265	23.02	0.200	23.21	0.209

7A-n5A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					165300 (826.5 MHz)		167300 (836.5 MHz)		169300 (846.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.25	0.266	24.42	0.277	24.25	0.266
			1	13	24.32	0.270	24.44	0.278	23.91	0.246
			1	23	24.30	0.269	24.31	0.270	24.11	0.258
		DFT-S-OFDM QPSK	1	1	24.16	0.261	24.28	0.268	24.15	0.260
			1	13	24.30	0.269	24.35	0.272	23.80	0.240
			1	23	24.28	0.268	24.21	0.264	24.08	0.256
7A-n5A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					165800 (829.0 MHz)		167300 (836.5 MHz)		168800 (844.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.24	0.265	24.34	0.272	24.18	0.262
			1	26	24.37	0.274	24.38	0.274	24.14	0.259
			1	50	24.27	0.267	24.33	0.271	23.73	0.236
		DFT-S-OFDM QPSK	1	1	24.16	0.261	24.26	0.267	24.14	0.259
			1	26	24.20	0.263	24.27	0.267	24.07	0.255
			1	50	24.16	0.261	24.25	0.266	23.66	0.232
7A-n5A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					166300 (831.5 MHz)		167300 (836.5 MHz)		168300 (841.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.31	0.270	24.51	0.282	24.42	0.277
			1	40	24.37	0.274	24.44	0.278	24.29	0.269
			1	77	24.31	0.270	24.28	0.268	23.87	0.244
		DFT-S-OFDM QPSK	1	1	24.26	0.267	24.36	0.273	24.42	0.277
			1	40	24.34	0.272	24.35	0.272	24.27	0.267
			1	77	24.28	0.268	24.21	0.264	23.80	0.240
7A-n5A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					166800 (834.0 MHz)		167300 (836.5 MHz)		167800 (839.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	24.14	0.259	24.07	0.255	24.40	0.275
			1	53	24.46	0.279	23.81	0.240	24.32	0.270
			1	104	24.27	0.267	23.05	0.202	23.28	0.213
		DFT-S-OFDM QPSK	1	1	24.16	0.261	24.00	0.251	24.34	0.272
			1	53	24.37	0.274	23.73	0.236	24.21	0.264
			1	104	24.26	0.267	23.07	0.203	23.22	0.210

66A-n5A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					165300 (826.5 MHz)		167300 (836.5 MHz)		169300 (846.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.28	0.268	24.42	0.277	23.90	0.245
			1	13	24.33	0.271	24.39	0.275	23.83	0.242
			1	23	24.16	0.261	24.28	0.268	24.09	0.256
		DFT-S-OFDM QPSK	1	1	24.17	0.261	24.32	0.270	23.80	0.240
			1	13	24.24	0.265	24.29	0.269	23.71	0.235
			1	23	24.16	0.261	24.20	0.263	24.00	0.251
66A-n5A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					165800 (829.0 MHz)		167300 (836.5 MHz)		168800 (844.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.14	0.259	24.21	0.264	24.17	0.261
			1	26	24.35	0.272	24.34	0.272	24.12	0.258
			1	50	24.28	0.268	24.33	0.271	23.67	0.233
		DFT-S-OFDM QPSK	1	1	24.10	0.257	24.19	0.262	24.08	0.256
			1	26	24.18	0.262	24.31	0.270	24.07	0.255
			1	50	24.18	0.262	24.29	0.269	23.60	0.229
66A-n5A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					166300 (831.5 MHz)		167300 (836.5 MHz)		168300 (841.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.30	0.269	24.42	0.277	23.77	0.238
			1	40	24.38	0.274	24.44	0.278	24.18	0.262
			1	77	24.32	0.270	24.24	0.265	23.85	0.243
		DFT-S-OFDM QPSK	1	1	24.31	0.270	24.38	0.274	23.70	0.234
			1	40	24.34	0.272	24.35	0.272	24.10	0.257
			1	77	24.24	0.265	24.17	0.261	23.78	0.239
66A-n5A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					166800 (834.0 MHz)		167300 (836.5 MHz)		167800 (839.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	24.27	0.267	24.35	0.272	24.39	0.275
			1	53	24.43	0.277	24.41	0.276	24.29	0.269
			1	104	24.22	0.264	23.09	0.204	23.25	0.211
		DFT-S-OFDM QPSK	1	1	24.14	0.259	24.37	0.274	24.33	0.271
			1	53	24.35	0.272	24.33	0.271	24.23	0.265
			1	104	24.27	0.267	23.19	0.208	23.19	0.208

5A-n7A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					500500 (2 502.5 MHz)		507000 (2 535 MHz)		513500 (2 567.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.18	0.262	23.90	0.245	24.08	0.256
			1	13	24.17	0.261	23.87	0.244	23.93	0.247
			1	23	24.13	0.259	23.94	0.248	23.99	0.251
		DFT-S-OFDM QPSK	1	1	24.00	0.251	23.84	0.242	23.87	0.244
			1	13	24.13	0.259	23.78	0.239	23.96	0.249
			1	23	24.02	0.252	23.74	0.237	23.88	0.244
5A-n7A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					501000 (2 505 MHz)		507000 (2 535 MHz)		513000 (2 565 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.08	0.256	23.94	0.248	23.93	0.247
			1	26	24.03	0.253	23.85	0.243	23.95	0.248
			1	50	24.09	0.256	23.82	0.241	23.89	0.245
		DFT-S-OFDM QPSK	1	1	23.96	0.249	23.85	0.243	23.90	0.245
			1	26	24.01	0.252	23.79	0.239	23.89	0.245
			1	50	24.03	0.253	23.87	0.244	23.81	0.240
5A-n7A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					501500 (2 507.5 MHz)		507000 (2 535 MHz)		512500 (2 562.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.18	0.262	24.17	0.261	24.34	0.272
			1	40	24.20	0.263	24.02	0.252	24.12	0.258
			1	77	24.30	0.269	24.03	0.253	24.17	0.261
		DFT-S-OFDM QPSK	1	1	24.14	0.259	24.14	0.259	24.15	0.260
			1	40	24.18	0.262	23.98	0.250	24.06	0.255
			1	77	24.28	0.268	23.96	0.249	24.09	0.256
5A-n7A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					502000 (2 510 MHz)		507000 (2 535 MHz)		512000 (2 560 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	24.27	0.267	24.21	0.264	24.12	0.258
			1	53	24.33	0.271	23.98	0.250	24.17	0.261
			1	104	24.36	0.273	24.02	0.252	24.05	0.254
		DFT-S-OFDM QPSK	1	1	24.22	0.264	24.22	0.264	24.10	0.257
			1	53	24.25	0.266	23.96	0.249	24.06	0.255
			1	104	24.29	0.269	23.91	0.246	24.06	0.255

12A-n7A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					500500 (2 502.5 MHz)		507000 (2 535 MHz)		513500 (2 567.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.23	0.265	23.89	0.245	24.07	0.255
			1	13	24.19	0.262	24.02	0.252	23.95	0.248
			1	23	24.10	0.257	23.87	0.244	23.95	0.248
		DFT-S-OFDM QPSK	1	1	24.02	0.252	23.83	0.242	23.91	0.246
			1	13	24.06	0.255	23.90	0.245	23.96	0.249
			1	23	24.04	0.254	23.82	0.241	23.88	0.244
12A-n7A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					501000 (2 505 MHz)		507000 (2 535 MHz)		513000 (2 565 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.12	0.258	23.94	0.248	23.93	0.247
			1	26	24.03	0.253	23.90	0.245	23.97	0.249
			1	50	24.05	0.254	23.84	0.242	23.88	0.244
		DFT-S-OFDM QPSK	1	1	23.95	0.248	23.91	0.246	23.90	0.245
			1	26	23.97	0.249	23.76	0.238	23.88	0.244
			1	50	23.97	0.249	23.76	0.238	23.82	0.241
12A-n7A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					501500 (2 507.5 MHz)		507000 (2 535 MHz)		512500 (2 562.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.16	0.261	24.20	0.263	24.25	0.266
			1	40	24.20	0.263	24.11	0.258	24.10	0.257
			1	77	24.33	0.271	24.00	0.251	24.09	0.256
		DFT-S-OFDM QPSK	1	1	24.13	0.259	24.05	0.254	24.19	0.262
			1	40	24.16	0.261	23.98	0.250	24.05	0.254
			1	77	24.15	0.260	24.01	0.252	24.02	0.252
12A-n7A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					502000 (2 510 MHz)		507000 (2 535 MHz)		512000 (2 560 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	24.25	0.266	24.28	0.268	24.13	0.259
			1	53	24.32	0.270	24.03	0.253	24.14	0.259
			1	104	24.32	0.270	24.02	0.252	24.07	0.255
		DFT-S-OFDM QPSK	1	1	24.19	0.262	24.16	0.261	24.03	0.253
			1	53	24.21	0.264	24.07	0.255	24.05	0.254
			1	104	24.20	0.263	23.97	0.249	24.05	0.254

2A-n12A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					140300 (701.5 MHz)		141500 (707.5 MHz)		142700 (713.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.24	0.265	24.11	0.258	23.90	0.245
			1	13	24.13	0.259	24.17	0.261	23.88	0.244
			1	23	23.99	0.251	23.95	0.248	23.77	0.238
		DFT-S-OFDM QPSK	1	1	24.11	0.258	24.03	0.253	23.87	0.244
			1	13	23.96	0.249	24.01	0.252	23.76	0.238
			1	23	23.89	0.245	23.86	0.243	23.70	0.234
2A-n12A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					140800 (704 MHz)		141500 (707.5 MHz)		142200 (711 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.08	0.256	24.11	0.258	24.01	0.252
			1	26	23.91	0.246	24.11	0.258	23.92	0.247
			1	50	23.86	0.243	23.94	0.248	23.74	0.237
		DFT-S-OFDM QPSK	1	1	24.00	0.251	24.01	0.252	23.93	0.247
			1	26	23.97	0.249	24.05	0.254	23.82	0.241
			1	50	23.90	0.245	23.82	0.241	23.72	0.236
2A-n12A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					141300 (706.5 MHz)		141500 (707.5 MHz)		141700 (708.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.25	0.266	24.11	0.258	23.90	0.245
			1	40	24.13	0.259	24.17	0.261	23.88	0.244
			1	77	23.99	0.251	23.95	0.248	23.77	0.238
		DFT-S-OFDM QPSK	1	1	24.11	0.258	24.03	0.253	23.87	0.244
			1	40	23.96	0.249	24.01	0.252	23.76	0.238
			1	77	23.89	0.245	23.86	0.243	23.70	0.234

66A-n12A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					140300 (701.5 MHz)		141500 (707.5 MHz)		142700 (713.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.19	0.262	24.10	0.257	23.22	0.210
			1	13	24.07	0.255	24.12	0.258	23.18	0.208
			1	23	23.96	0.249	24.02	0.252	22.74	0.188
		DFT-S-OFDM QPSK	1	1	24.09	0.256	24.10	0.257	23.14	0.206
			1	13	23.99	0.251	24.06	0.255	23.07	0.203
			1	23	23.91	0.246	23.93	0.247	22.65	0.184
66A-n12A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					140800 (704 MHz)		141500 (707.5 MHz)		142200 (711 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	22.98	0.199	24.15	0.260	24.00	0.251
			1	26	23.09	0.204	24.08	0.256	24.00	0.251
			1	50	23.26	0.212	24.01	0.252	23.87	0.244
		DFT-S-OFDM QPSK	1	1	22.92	0.196	24.02	0.252	23.97	0.249
			1	26	23.01	0.200	23.98	0.250	23.89	0.245
			1	50	23.20	0.209	23.94	0.248	23.85	0.243
66A-n12A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					141300 (706.5 MHz)		141500 (707.5 MHz)		141700 (708.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.32	0.270	24.31	0.270	24.33	0.271
			1	40	24.14	0.259	24.10	0.257	24.12	0.258
			1	77	24.08	0.256	24.04	0.254	24.00	0.251
		DFT-S-OFDM QPSK	1	1	24.25	0.266	<u>24.38</u>	<u>0.274</u>	24.22	0.264
			1	40	24.06	0.255	24.11	0.258	24.03	0.253
			1	77	24.00	0.251	23.97	0.249	23.93	0.247

66A-n13A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					155900 (779.5 MHz)		156400 (782 MHz)		156900 (784.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	23.61	0.230	24.24	0.265	24.32	0.270
			1	13	24.28	0.268	24.28	0.268	24.34	0.272
			1	23	24.25	0.266	24.25	0.266	24.31	0.270
		DFT-S-OFDM QPSK	1	1	23.47	0.222	24.20	0.263	24.34	0.272
			1	13	24.30	0.269	24.19	0.262	24.34	0.272
			1	23	24.15	0.260	24.15	0.260	24.27	0.267
66A-n13A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
							156400 (782 MHz)			
							(dB m)	(W)		
10	15	DFT-S-OFDM BPSK	1	1	-	-	23.95	0.248	-	-
			1	26	-	-	24.32	0.270	-	-
			1	50	-	-	24.15	0.260	-	-
		DFT-S-OFDM QPSK	1	1	-	-	23.79	0.239	-	-
			1	26	-	-	24.22	0.264	-	-
			1	50	-	-	24.12	0.258	-	-

12A-n25A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					370500 (1 852.5 MHz)		376500 (1 882.5 MHz)		382500 (1 912.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	23.14	0.206	23.08	0.203	23.00	0.200
			1	13	23.31	0.214	23.24	0.211	22.93	0.196
			1	23	23.22	0.210	23.15	0.207	22.61	0.182
		DFT-S-OFDM QPSK	1	1	23.02	0.200	22.94	0.197	22.91	0.195
			1	13	23.18	0.208	23.09	0.204	22.82	0.191
			1	23	23.11	0.205	23.02	0.200	22.51	0.178
12A-n25A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					371000 (1 855.0 MHz)		376500 (1 882.5 MHz)		382000 (1 910.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	23.24	0.211	23.12	0.205	23.13	0.206
			1	26	23.25	0.211	23.07	0.203	23.12	0.205
			1	50	23.30	0.214	23.23	0.210	22.57	0.181
		DFT-S-OFDM QPSK	1	1	23.13	0.206	23.07	0.203	23.06	0.202
			1	26	23.24	0.211	22.99	0.199	23.03	0.201
			1	50	23.24	0.211	23.17	0.207	22.49	0.177
12A-n25A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					371500 (1 857.5 MHz)		376500 (1 882.5 MHz)		381500 (1 907.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	23.38	0.218	23.29	0.213	23.47	0.222
			1	40	23.37	0.217	23.23	0.210	23.15	0.207
			1	77	23.36	0.217	23.36	0.217	22.75	0.188
		DFT-S-OFDM QPSK	1	1	23.30	0.214	23.17	0.207	23.29	0.213
			1	40	23.27	0.212	23.13	0.206	23.08	0.203
			1	77	23.31	0.214	23.19	0.208	22.67	0.185
12A-n25A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					372000 (1 860.0 MHz)		376500 (1 882.5 MHz)		381000 (1 905.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	23.42	0.220	23.19	0.208	23.47	0.222
			1	53	23.31	0.214	23.20	0.209	23.27	0.212
			1	104	23.32	0.215	23.23	0.210	22.64	0.184
		DFT-S-OFDM QPSK	1	1	23.23	0.210	23.12	0.205	23.31	0.214
			1	53	23.19	0.208	23.15	0.207	23.25	0.211
			1	104	23.14	0.206	23.09	0.204	22.56	0.180

5A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					342500 (1 712.5 MHz)		349000 (1 745.0 MHz)		355500 (1 777.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	23.95	0.248	24.05	0.254	23.77	0.238
			1	13	23.97	0.249	24.10	0.257	23.86	0.243
			1	23	23.87	0.244	24.01	0.252	23.82	0.241
		DFT-S-OFDM QPSK	1	1	23.81	0.240	23.96	0.249	23.72	0.236
			1	13	23.92	0.247	23.97	0.249	23.75	0.237
			1	23	23.78	0.239	23.89	0.245	23.72	0.236
5A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					343000 (1 715.0 MHz)		349000 (1 745.0 MHz)		355000 (1 775.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.08	0.256	24.10	0.257	23.91	0.246
			1	26	23.98	0.250	24.09	0.256	23.84	0.242
			1	50	23.90	0.245	24.11	0.258	23.81	0.240
		DFT-S-OFDM QPSK	1	1	23.96	0.249	24.11	0.258	23.83	0.242
			1	26	23.92	0.247	24.03	0.253	23.73	0.236
			1	50	23.80	0.240	24.05	0.254	23.69	0.234
5A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					343500 (1 717.5 MHz)		349000 (1 745.0 MHz)		354500 (1 772.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.05	0.254	24.09	0.256	23.89	0.245
			1	40	23.86	0.243	23.93	0.247	23.64	0.231
			1	77	24.12	0.258	24.08	0.256	23.68	0.233
		DFT-S-OFDM QPSK	1	1	23.96	0.249	24.08	0.256	23.83	0.242
			1	40	23.78	0.239	23.89	0.245	23.64	0.231
			1	77	24.03	0.253	23.97	0.249	23.69	0.234
5A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					344000 (1 720.0 MHz)		349000 (1 745.0 MHz)		354000 (1 770.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	24.03	0.253	24.16	0.261	23.98	0.250
			1	53	23.83	0.242	23.99	0.251	23.80	0.240
			1	104	24.02	0.252	24.00	0.251	23.77	0.238
		DFT-S-OFDM QPSK	1	1	23.99	0.251	24.03	0.253	24.02	0.252
			1	53	23.75	0.237	23.95	0.248	23.76	0.238
			1	104	23.97	0.249	23.92	0.247	23.75	0.237
5A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
							349000 (1 745.0 MHz)			
							(dB m)	(W)		
40	15	DFT-S-OFDM BPSK	1	1	-	-	23.99	0.251	-	-
			1	108	-	-	24.44	0.278	-	-
			1	214	-	-	23.97	0.249	-	-
		DFT-S-OFDM QPSK	1	1	-	-	23.97	0.249	-	-
			1	108	-	-	24.05	0.254	-	-
			1	214	-	-	23.94	0.248	-	-

12A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					342500 (1 712.5 MHz)		349000 (1 745.0 MHz)		355500 (1 777.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.28	0.268	24.42	0.277	23.90	0.245
			1	13	24.33	0.271	24.39	0.275	23.83	0.242
			1	23	24.16	0.261	24.28	0.268	24.09	0.256
		DFT-S-OFDM QPSK	1	1	24.17	0.261	24.32	0.270	23.80	0.240
			1	13	24.24	0.265	24.29	0.269	23.71	0.235
			1	23	24.16	0.261	24.20	0.263	24.00	0.251
12A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					343000 (1 715.0 MHz)		349000 (1 745.0 MHz)		355000 (1 775.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.14	0.259	24.21	0.264	24.17	0.261
			1	26	24.35	0.272	24.34	0.272	24.12	0.258
			1	50	24.28	0.268	24.33	0.271	23.67	0.233
		DFT-S-OFDM QPSK	1	1	24.10	0.257	24.19	0.262	24.08	0.256
			1	26	24.18	0.262	24.31	0.270	24.07	0.255
			1	50	24.18	0.262	24.29	0.269	23.60	0.229
12A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					343500 (1 717.5 MHz)		349000 (1 745.0 MHz)		354500 (1 772.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.30	0.269	24.42	0.277	23.77	0.238
			1	40	24.38	0.274	24.43	0.277	24.18	0.262
			1	77	24.32	0.270	24.24	0.265	23.85	0.243
		DFT-S-OFDM QPSK	1	1	24.31	0.270	24.38	0.274	23.70	0.234
			1	40	24.34	0.272	24.35	0.272	24.10	0.257
			1	77	24.24	0.265	24.17	0.261	23.78	0.239
12A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					344000 (1 720.0 MHz)		349000 (1 745.0 MHz)		354000 (1 770.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	24.27	0.267	24.35	0.272	24.39	0.275
			1	53	24.43	0.277	24.41	0.276	24.29	0.269
			1	104	24.22	0.264	22.99	0.199	23.25	0.211
		DFT-S-OFDM QPSK	1	1	24.14	0.259	24.37	0.274	24.33	0.271
			1	53	24.35	0.272	24.33	0.271	24.23	0.265
			1	104	24.27	0.267	22.90	0.195	23.19	0.208
12A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
							349000 (1 745.0 MHz)			
							(dB m)	(W)		
40	15	DFT-S-OFDM BPSK	1	1	-	-	24.36	0.273	-	-
			1	108	-	-	24.16	0.261	-	-
			1	214	-	-	23.98	0.250	-	-
		DFT-S-OFDM QPSK	1	1	-	-	23.72	0.236	-	-
			1	108	-	-	23.99	0.251	-	-
			1	214	-	-	24.03	0.253	-	-

13A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					342500 (1 712.5 MHz)		349000 (1 745.0 MHz)		355500 (1 777.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	23.82	0.241	24.03	0.253	23.70	0.234
			1	13	23.83	0.242	24.18	0.262	23.80	0.240
			1	23	23.79	0.239	24.05	0.254	23.64	0.231
		DFT-S-OFDM QPSK	1	1	23.73	0.236	23.94	0.248	23.56	0.227
			1	13	23.86	0.243	23.95	0.248	23.71	0.235
			1	23	23.69	0.234	23.95	0.248	23.54	0.226
13A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					343000 (1 715.0 MHz)		349000 (1 745.0 MHz)		355000 (1 775.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.04	0.254	24.04	0.254	23.80	0.240
			1	26	23.96	0.249	24.02	0.252	23.74	0.237
			1	50	23.85	0.243	24.02	0.252	23.66	0.232
		DFT-S-OFDM QPSK	1	1	23.95	0.248	23.99	0.251	23.71	0.235
			1	26	23.88	0.244	23.96	0.249	23.63	0.231
			1	50	23.83	0.242	23.95	0.248	23.65	0.232
13A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					343500 (1 717.5 MHz)		349000 (1 745.0 MHz)		354500 (1 772.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.06	0.255	24.16	0.261	23.78	0.239
			1	40	23.85	0.243	23.95	0.248	23.63	0.231
			1	77	24.02	0.252	24.07	0.255	23.68	0.233
		DFT-S-OFDM QPSK	1	1	23.98	0.250	24.07	0.255	23.85	0.243
			1	40	23.78	0.239	23.88	0.244	23.56	0.227
			1	77	23.96	0.249	23.92	0.247	23.61	0.230
13A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					344000 (1 720.0 MHz)		349000 (1 745.0 MHz)		354000 (1 770.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	24.03	0.253	24.10	0.257	24.04	0.254
			1	53	23.81	0.240	23.96	0.249	23.70	0.234
			1	104	23.94	0.248	24.04	0.254	23.76	0.238
		DFT-S-OFDM QPSK	1	1	23.97	0.249	24.02	0.252	23.97	0.249
			1	53	23.81	0.240	23.84	0.242	23.70	0.234
			1	104	24.04	0.254	24.00	0.251	23.67	0.233
13A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
							349000 (1 745.0 MHz)			
							(dB m)	(W)		
40	15	DFT-S-OFDM BPSK	1	1	-	-	24.06	0.255	-	-
			1	108	-	-	24.22	0.264	-	-
			1	214	-	-	24.11	0.258	-	-
		DFT-S-OFDM QPSK	1	1	-	-	24.03	0.253	-	-
			1	108	-	-	24.03	0.253	-	-
			1	214	-	-	24.00	0.251	-	-

14A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					342500 (1 712.5 MHz)		349000 (1 745.0 MHz)		355500 (1 777.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	23.86	0.243	24.04	0.254	23.70	0.234
			1	13	23.85	0.243	24.02	0.252	23.63	0.231
			1	23	23.86	0.243	24.00	0.251	23.64	0.231
		DFT-S-OFDM QPSK	1	1	23.77	0.238	23.94	0.248	23.65	0.232
			1	13	23.80	0.240	24.02	0.252	23.66	0.232
			1	23	23.74	0.237	23.95	0.248	23.57	0.228
14A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					343000 (1 715.0 MHz)		349000 (1 745.0 MHz)		355000 (1 775.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.03	0.253	24.06	0.255	23.85	0.243
			1	26	23.96	0.249	24.02	0.252	23.73	0.236
			1	50	23.92	0.247	24.01	0.252	23.73	0.236
		DFT-S-OFDM QPSK	1	1	23.85	0.243	23.97	0.249	23.79	0.239
			1	26	23.88	0.244	23.98	0.250	23.62	0.230
			1	50	23.84	0.242	23.94	0.248	23.67	0.233
14A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					343500 (1 717.5 MHz)		349000 (1 745.0 MHz)		354500 (1 772.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.06	0.255	24.05	0.254	23.83	0.242
			1	40	23.89	0.245	23.96	0.249	23.62	0.230
			1	77	24.16	0.261	24.09	0.256	23.63	0.231
		DFT-S-OFDM QPSK	1	1	24.07	0.255	24.00	0.251	23.82	0.241
			1	40	23.88	0.244	23.87	0.244	23.55	0.226
			1	77	24.11	0.258	23.96	0.249	23.56	0.227
14A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					344000 (1 720.0 MHz)		349000 (1 745.0 MHz)		354000 (1 770.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	23.97	0.249	24.16	0.261	23.94	0.248
			1	53	23.81	0.240	23.95	0.248	23.76	0.238
			1	104	23.99	0.251	23.96	0.249	23.74	0.237
		DFT-S-OFDM QPSK	1	1	23.91	0.246	24.06	0.255	23.93	0.247
			1	53	23.75	0.237	23.88	0.244	23.61	0.230
			1	104	23.94	0.248	23.97	0.249	23.60	0.229
14A-n66A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
							349000 (1 745.0 MHz)			
							(dB m)	(W)		
40	15	DFT-S-OFDM BPSK	1	1	-	-	24.12	0.258	-	-
			1	108	-	-	24.10	0.257	-	-
			1	214	-	-	23.99	0.251	-	-
		DFT-S-OFDM QPSK	1	1	-	-	23.94	0.248	-	-
			1	108	-	-	24.04	0.254	-	-
			1	214	-	-	23.96	0.249	-	-

2A-n71A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					133100 (665.5 MHz)		136100 (680.5 MHz)		139100 (695.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.06	0.255	24.11	0.258	24.10	0.257
			1	13	24.09	0.256	24.15	0.260	24.13	0.259
			1	23	24.03	0.253	23.94	0.248	23.98	0.250
		DFT-S-OFDM QPSK	1	1	23.91	0.246	24.04	0.254	24.09	0.256
			1	13	23.97	0.249	24.03	0.253	24.02	0.252
			1	23	23.99	0.251	23.91	0.246	23.86	0.243
2A-n71A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					133600 (668.0 MHz)		136100 (680.5 MHz)		138600 (693.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.02	0.252	24.07	0.255	23.97	0.249
			1	26	24.10	0.257	24.04	0.254	23.90	0.245
			1	50	24.08	0.256	23.98	0.250	23.87	0.244
		DFT-S-OFDM QPSK	1	1	23.95	0.248	24.03	0.253	23.91	0.246
			1	26	24.01	0.252	24.03	0.253	23.84	0.242
			1	50	23.98	0.250	23.94	0.248	23.78	0.239
2A-n71A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					134100 (670.5 MHz)		136100 (680.5 MHz)		138100 (690.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.12	0.258	24.24	0.265	24.11	0.258
			1	40	24.12	0.258	24.07	0.255	23.85	0.243
			1	77	24.14	0.259	24.07	0.255	24.01	0.252
		DFT-S-OFDM QPSK	1	1	24.02	0.252	24.06	0.255	23.99	0.251
			1	40	23.98	0.250	23.99	0.251	23.82	0.241
			1	77	24.11	0.258	23.91	0.246	24.02	0.252
2A-n71A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					134600 (673.0 MHz)		136100 (680.5 MHz)		137600 (688.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	23.92	0.247	24.21	0.264	24.29	0.269
			1	53	24.15	0.260	24.07	0.255	24.02	0.252
			1	104	24.12	0.258	23.96	0.249	23.95	0.248
		DFT-S-OFDM QPSK	1	1	24.00	0.251	24.21	0.264	24.10	0.257
			1	53	24.13	0.259	24.05	0.254	23.98	0.250
			1	104	24.04	0.254	23.86	0.243	23.88	0.244

7A-n71A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					133100 (665.5 MHz)		136100 (680.5 MHz)		139100 (695.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	23.97	0.249	24.13	0.259	24.06	0.255
			1	13	24.09	0.256	24.07	0.255	24.11	0.258
			1	23	24.01	0.252	24.00	0.251	23.97	0.249
		DFT-S-OFDM QPSK	1	1	23.92	0.247	24.10	0.257	23.99	0.251
			1	13	23.88	0.244	23.98	0.250	23.94	0.248
			1	23	23.96	0.249	23.89	0.245	23.88	0.244
7A-n71A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					133600 (668.0 MHz)		136100 (680.5 MHz)		138600 (693.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.04	0.254	24.01	0.252	23.92	0.247
			1	26	24.07	0.255	24.07	0.255	23.90	0.245
			1	50	24.04	0.254	23.91	0.246	23.89	0.245
		DFT-S-OFDM QPSK	1	1	23.91	0.246	24.00	0.251	23.84	0.242
			1	26	23.96	0.249	23.99	0.251	23.86	0.243
			1	50	24.01	0.252	23.80	0.240	23.84	0.242
7A-n71A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					134100 (670.5 MHz)		136100 (680.5 MHz)		138100 (690.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.00	0.251	24.20	0.263	24.01	0.252
			1	40	24.05	0.254	24.09	0.256	24.00	0.251
			1	77	24.10	0.257	24.03	0.253	24.01	0.252
		DFT-S-OFDM QPSK	1	1	23.87	0.244	24.03	0.253	23.93	0.247
			1	40	24.06	0.255	24.02	0.252	23.93	0.247
			1	77	24.02	0.252	23.92	0.247	23.95	0.248
7A-n71A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					134600 (673.0 MHz)		136100 (680.5 MHz)		137600 (688.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	23.91	0.246	24.18	0.262	24.22	0.264
			1	53	24.13	0.259	24.09	0.256	24.06	0.255
			1	104	23.98	0.250	23.94	0.248	24.01	0.252
		DFT-S-OFDM QPSK	1	1	23.79	0.239	24.11	0.258	24.11	0.258
			1	53	23.99	0.251	24.04	0.254	23.98	0.250
			1	104	24.01	0.252	23.85	0.243	23.95	0.248

66A-n71A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					133100 (665.5 MHz)		136100 (680.5 MHz)		139100 (695.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
5	15	DFT-S-OFDM BPSK	1	1	24.06	0.255	24.14	0.259	24.11	0.258
			1	13	24.08	0.256	24.11	0.258	23.92	0.247
			1	23	23.96	0.249	24.03	0.253	23.96	0.249
		DFT-S-OFDM QPSK	1	1	24.00	0.251	24.04	0.254	24.02	0.252
			1	13	23.99	0.251	24.03	0.253	23.93	0.247
			1	23	23.90	0.245	23.91	0.246	23.92	0.247
66A-n71A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					133600 (668.0 MHz)		136100 (680.5 MHz)		138600 (693.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
10	15	DFT-S-OFDM BPSK	1	1	24.37	0.274	24.28	0.268	23.89	0.245
			1	26	24.23	0.265	23.79	0.239	23.86	0.243
			1	50	24.18	0.262	23.81	0.240	23.82	0.241
		DFT-S-OFDM QPSK	1	1	24.33	0.271	24.25	0.266	23.79	0.239
			1	26	24.17	0.261	23.71	0.235	23.79	0.239
			1	50	24.15	0.260	23.56	0.227	23.76	0.238
66A-n71A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					134100 (670.5 MHz)		136100 (680.5 MHz)		138100 (690.5 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S-OFDM BPSK	1	1	24.03	0.253	24.23	0.265	24.01	0.252
			1	40	24.16	0.261	24.13	0.259	24.02	0.252
			1	77	24.14	0.259	24.14	0.259	23.96	0.249
		DFT-S-OFDM QPSK	1	1	23.95	0.248	24.11	0.258	23.95	0.248
			1	40	24.11	0.258	24.04	0.254	23.95	0.248
			1	77	24.07	0.255	24.05	0.254	23.85	0.243
66A-n71A										
BW (MHz)	SCS (kHz)	Modulation	RB Size	RB Offset	Conducted Output Power					
					134600 (673.0 MHz)		136100 (680.5 MHz)		137600 (688.0 MHz)	
					(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
20	15	DFT-S-OFDM BPSK	1	1	23.93	0.247	24.28	0.268	24.26	0.267
			1	53	24.11	0.258	24.12	0.258	24.01	0.252
			1	104	24.05	0.254	23.95	0.248	24.02	0.252
		DFT-S-OFDM QPSK	1	1	23.90	0.245	24.13	0.259	24.18	0.262
			1	53	24.13	0.259	24.05	0.254	23.94	0.248
			1	104	24.05	0.254	23.88	0.244	23.89	0.245

Remark;

NR Band n66 at 40 MHz bandwidth are not support non-overlapping channels. Per FCC Guidance, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

4. Occupied Bandwidth

4.1. Limit

CFR 47, Section FCC §2.1049 and IC RSS-Gen Issue 5 6.7.

4.2. Test Procedure

FCC

The test follows section 5.4.4 of ANSI C63.26-2015.

- 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.
- 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).

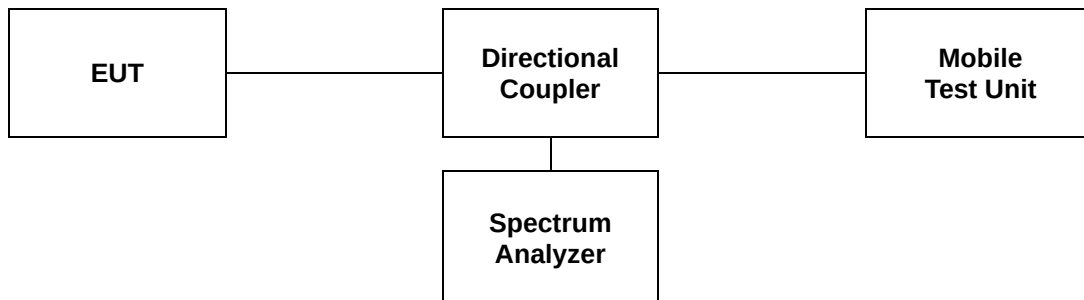
IC

The following conditions shall be observed for measuring the occupied bandwidth and x dB bandwidth:

- The transmitter shall be operated at its maximum carrier power measured under normal test conditions.
- The span of the spectrum analyzer shall be set large enough to capture all products of the modulation process, including the emission skirts, around the carrier frequency, but small enough to avoid having other emissions (e.g. on adjacent channels) within the span.
- The detector of the spectrum analyzer shall be set to "Sample". However, a peak, or peak hold, may be used in place of the sampling detector since this usually produces a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold (or "Max Hold") may be necessary to determine the occupied / x dB bandwidth if the device is not transmitting continuously.
- The resolution bandwidth (RBW) shall be in the range of 1 % to 5 % of the actual occupied / x dB bandwidth and the video bandwidth (VBW) shall not be smaller than three times the RBW value. Video averaging is not permitted.

Note: It may be necessary to repeat the measurement a few times until the RBW and VBW are in compliance with the above requirement.

For the 99 % emission bandwidth, the trace data points are recovered and directly summed in linear power level terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached, and that frequency recorded. The process is repeated for the highest frequency data points (starting at the highest frequency, at the right side of the span, and going down in frequency). This frequency is then recorded. The difference between the two recorded frequencies is the occupied bandwidth (or the 99 % emission bandwidth).



4.3 Test Results

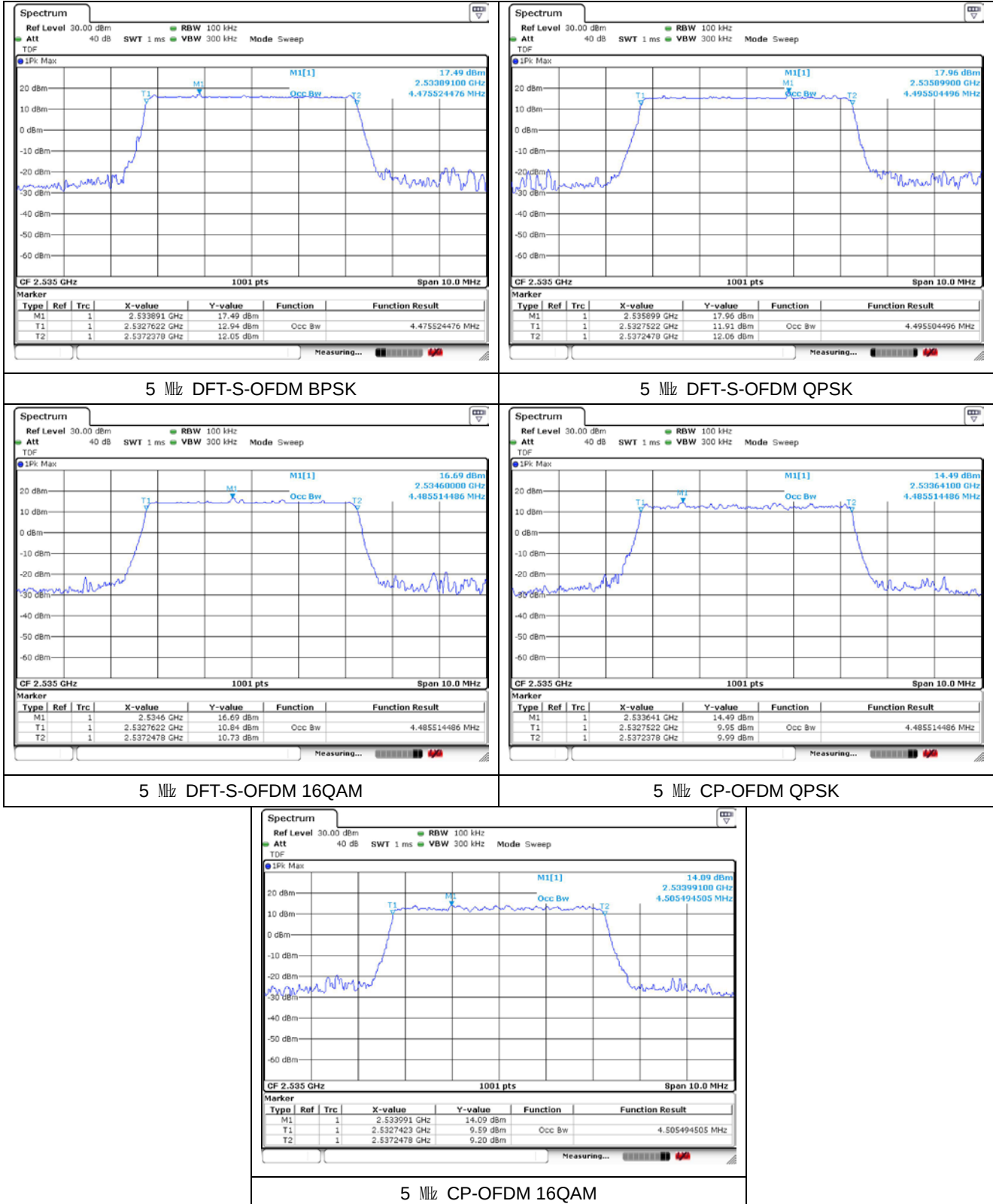
Ambient temperature : (23 ± 1) °C
Relative humidity : 47 % R.H.

Band	SCS (kHz)	BW (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)				
				DFT-S-OFDM BPSK	DFT-S-OFDM QPSK	DFT-S-OFDM 16QAM	CP-OFDM QPSK	CP-OFDM 16QAM
7	15	5	2 535	4.476	4.496	4.486	4.486	4.505
		10		8.931	8.931	8.931	9.291	9.271
		15		13.457	13.457	13.487	14.206	14.146
		20		17.902	17.862	17.902	18.941	18.941
Band	SCS (kHz)	BW (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)				
				DFT-S-OFDM BPSK	DFT-S-OFDM QPSK	DFT-S-OFDM 16QAM	CP-OFDM QPSK	CP-OFDM 16QAM
12	15	5	707.5	4.486	4.486	4.476	4.496	4.496
		10		8.911	8.931	8.951	9.311	9.271
		15		13.457	13.427	13.487	14.176	14.116
Band	SCS (kHz)	BW (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)				
				DFT-S-OFDM BPSK	DFT-S-OFDM QPSK	DFT-S-OFDM 16QAM	CP-OFDM QPSK	CP-OFDM 16QAM
13	15	5	782	4.496	4.486	4.476	4.496	4.505
		10		8.891	8.931	8.911	9.271	9.251
Band	SCS (kHz)	BW (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)				
				DFT-S-OFDM BPSK	DFT-S-OFDM QPSK	DFT-S-OFDM 16QAM	CP-OFDM QPSK	CP-OFDM 16QAM
14	15	5	793	4.486	4.476	4.476	4.505	4.486
		10		8.911	8.931	8.951	9.291	9.271
Band	SCS (kHz)	BW (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)				
				DFT-S-OFDM BPSK	DFT-S-OFDM QPSK	DFT-S-OFDM 16QAM	CP-OFDM QPSK	CP-OFDM 16QAM
25/2	15	5	1 882.5	4.486	4.486	4.476	4.505	4.496
		10		8.931	8.931	8.931	9.291	9.271
		15		13.487	13.576	13.487	14.176	14.116
		20		17.862	17.822	17.902	18.901	18.941
Band	SCS (kHz)	BW (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)				
				DFT-S-OFDM BPSK	DFT-S-OFDM QPSK	DFT-S-OFDM 16QAM	CP-OFDM QPSK	CP-OFDM 16QAM
26/5 Part 22	15	5	836.5	4.466	4.486	4.476	4.486	4.505
		10		8.931	8.931	8.931	9.291	9.271
		15		13.459	13.546	13.487	14.146	14.116
		20		17.822	17.862	17.902	18.901	18.901
Band	SCS (kHz)	BW (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)				
				DFT-S-OFDM BPSK	DFT-S-OFDM QPSK	DFT-S-OFDM 16QAM	CP-OFDM QPSK	CP-OFDM 16QAM
26 Part 90	15	5	819	4.486	4.476	4.486	4.515	4.505
		10		8.911	8.911	8.951	9.271	9.251

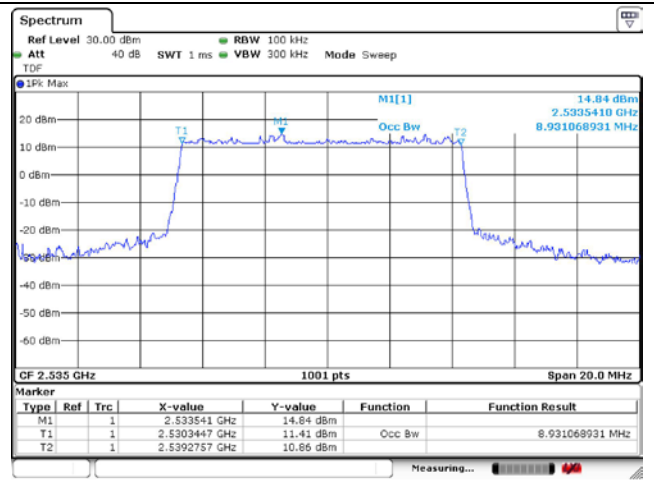
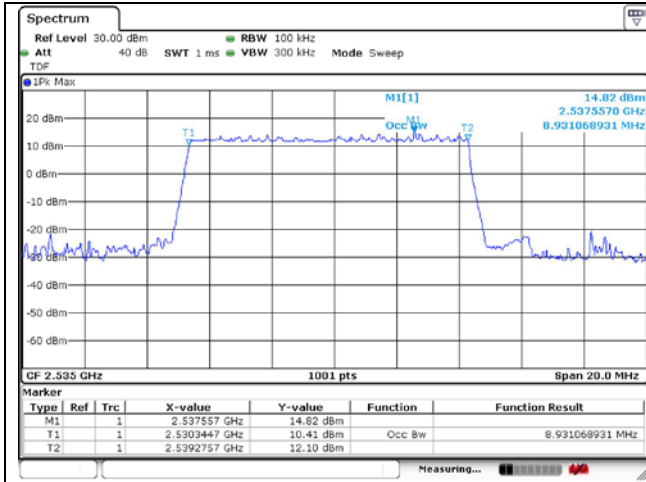
Band	SCS (kHz)	BW (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)				
				DFT-S-OFDM BPSK	DFT-S-OFDM QPSK	DFT-S-OFDM 16QAM	CP-OFDM QPSK	CP-OFDM 16QAM
66	15	5	1 745.0	4.496	4.476	4.486	4.496	4.496
		10		8.931	8.931	8.931	9.291	9.271
		15		13.457	13.546	13.487	14.176	14.146
		20		17.902	17.862	17.902	18.941	18.941
		40		38.669	38.900	38.784	38.784	38.784
Band	SCS (kHz)	BW (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)				
				DFT-S-OFDM BPSK	DFT-S-OFDM QPSK	DFT-S-OFDM 16QAM	CP-OFDM QPSK	CP-OFDM 16QAM
71	15	5	680.5	4.486	4.486	4.476	4.496	4.486
		10		8.911	8.931	8.931	9.291	9.271
		15		13.427	13.487	13.457	14.176	14.146
		20		17.822	17.822	17.902	18.901	18.941

- Test plots

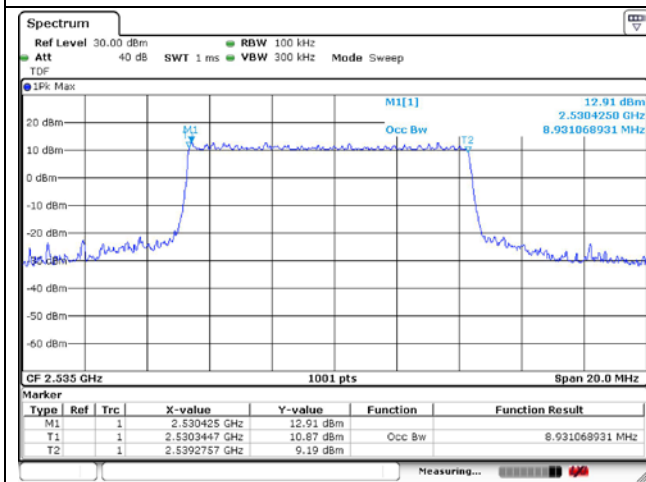
NR band 7



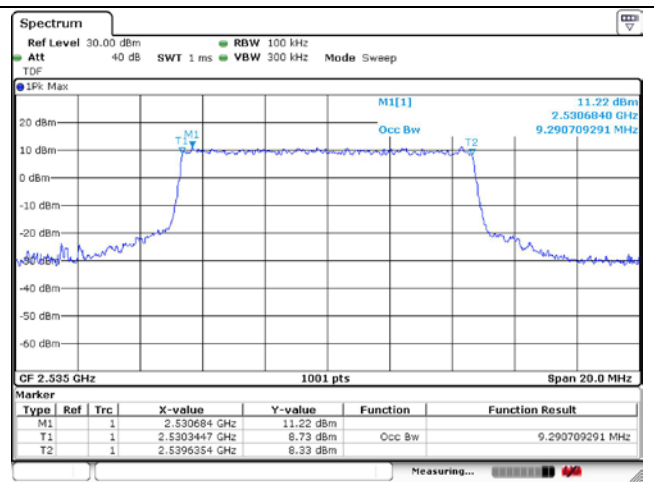
NR band 7



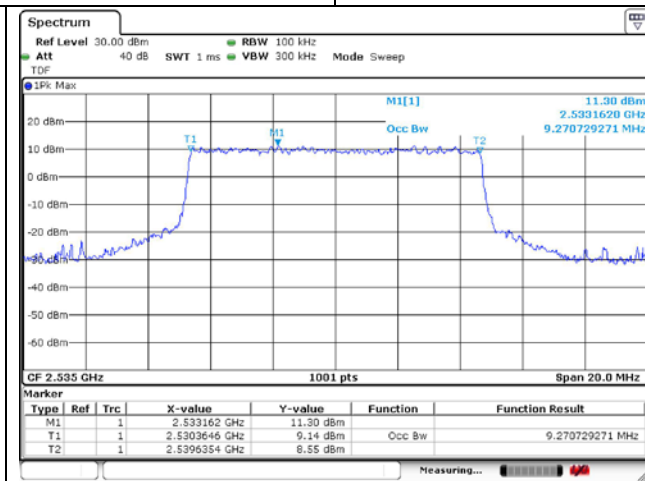
10 MHz DFT-S-OFDM BPSK



10 MHz DFT-S-OFDM QPSK



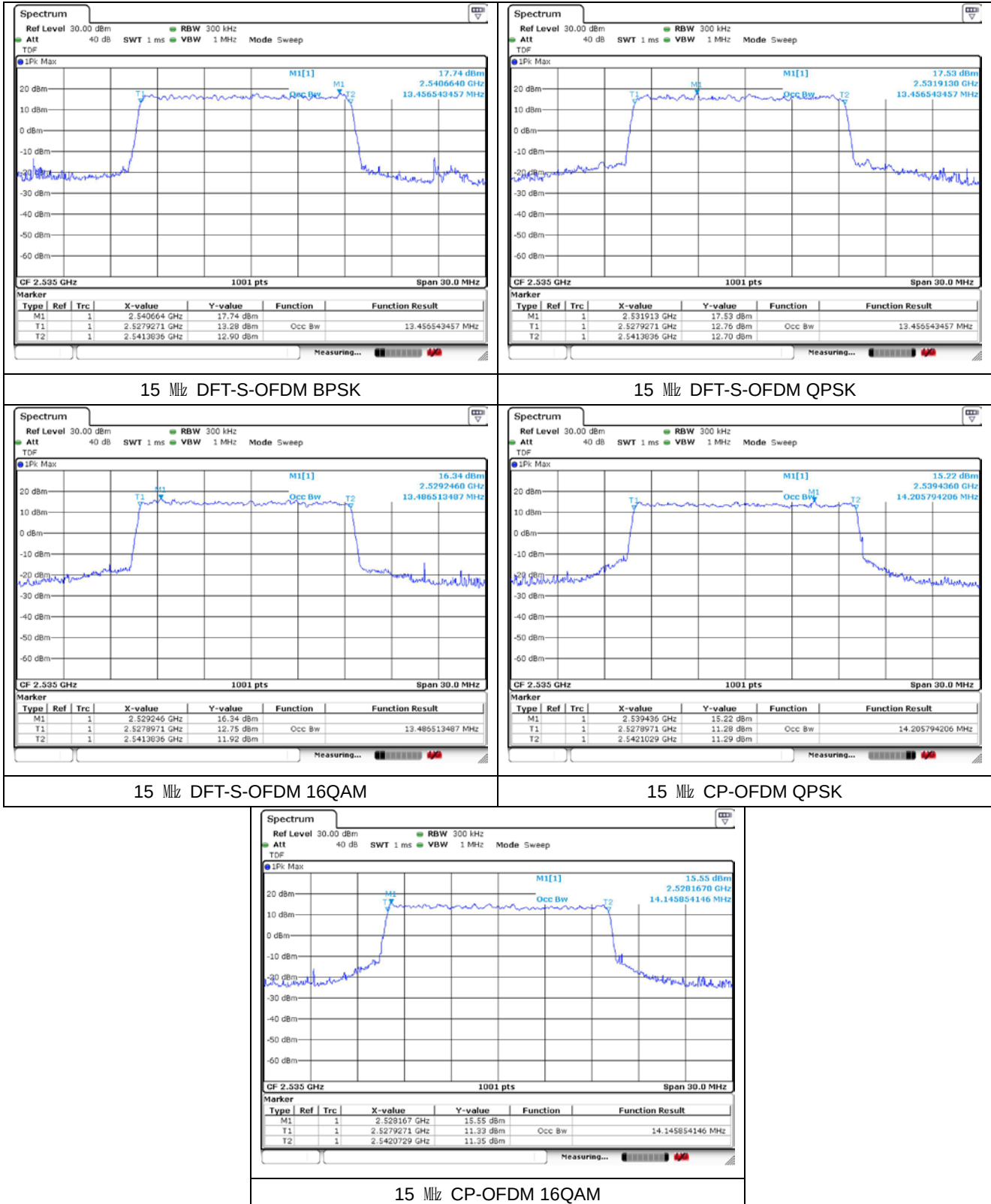
10 MHz DFT-S-OFDM 16QAM



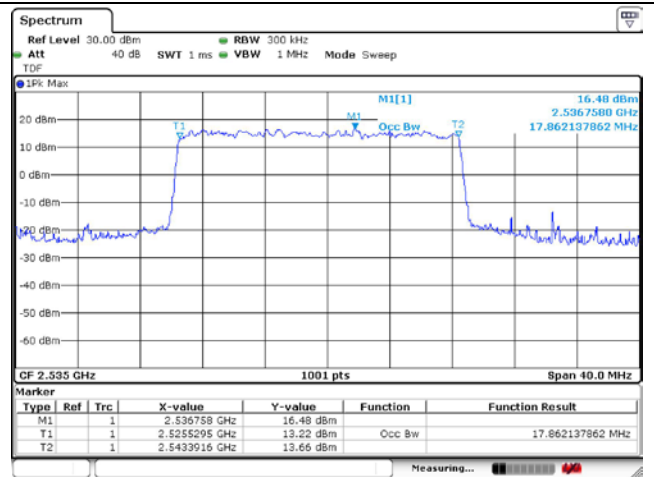
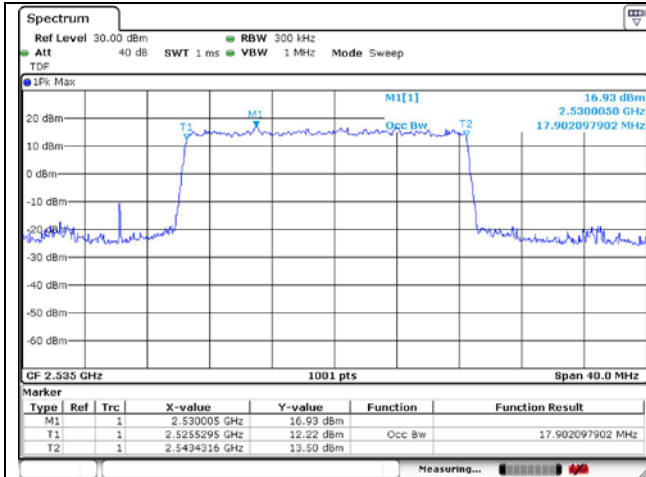
10 MHz CP-OFDM QPSK

10 MHz CP-OFDM 16QAM

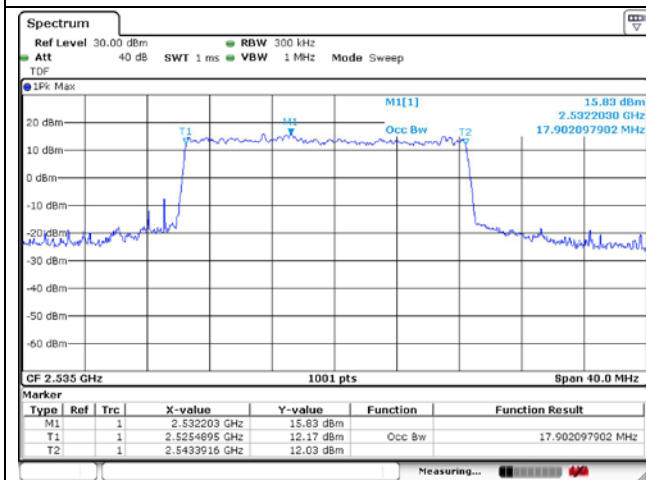
NR band 7



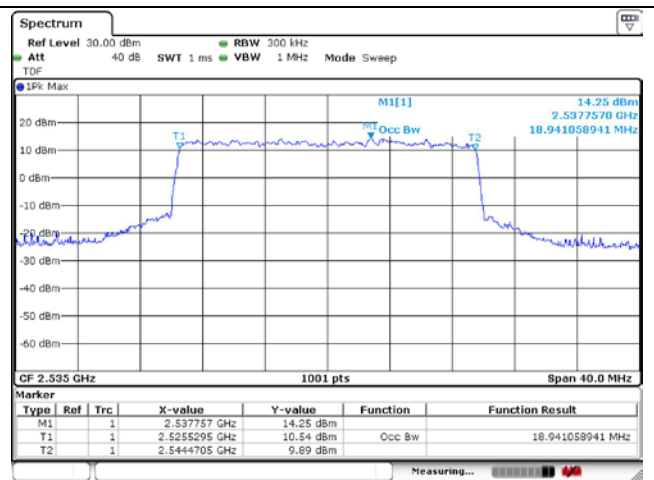
NR band 7



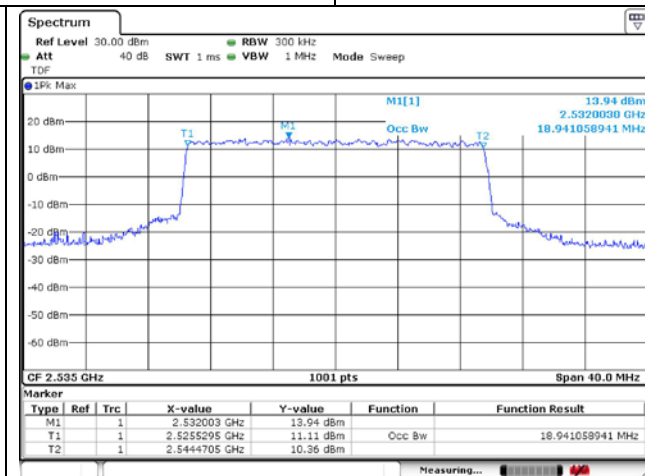
20 MHz DFT-S-OFDM BPSK



20 MHz DFT-S-OFDM QPSK



20 MHz DFT-S-OFDM 16QAM



20 MHz CP-OFDM QPSK

20 MHz CP-OFDM 16QAM

NR band 12

