

TEST REPORT

of

FCC Part 2 Subpart J, Part 22 Subpart C/H,
Part 24 Subpart E and Part 27 Subpart C
IC RSS-130 Issue 2, RSS-132 Issue 4, RSS-133 Issue 7,
RSS-139 Issue 4, RSS-199 Issue 4 and RSS-Gen Issue 5

FCC ID: YZP-AN2000
IC Certification: 7414C-AN2000

Equipment Under Test : Telematics Module
Model Name : LTD-AN2000
Variant Model Name(s) : -
Applicant : LG Innotek Co., Ltd.
Manufacturer : LG Innotek Co., Ltd.
Date of Receipt : 2025.11.06
Date of Test(s) : 2025.11.17 ~ 2026.03.27
Date of Issue : 2026.04.02

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

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

Tested by:



Dave 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

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Phone No. : +82 31 688 0901

Fax No. : +82 31 688 0921

1.2. Details of Applicant

Applicant : LG Innotek Co., Ltd.

Address : 30, Magokjungang 10-ro, Gangseo-gu, Seoul, Korea, 07796

Contact Person : Jeong, In-chang

Phone No. : +82 62 950 0332

1.3. Details of Manufacturer

Company : Same as applicant

Address : Same as applicant

1.4. Description of EUT

Kind of Product	Telematics Module
Model Name	LTD-AN2000
Serial Number	Conducted: C1 Radiated: R1
Power Supply	DC 4.0 V
Rated Power	NR Band 2, 5, 7, 12, 25, 26, 66, 71: 23 dB m
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 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, 256QAM
Antenna Type	Ant. 1: Dipole Antenna Ant. 2: Dipole Antenna
Antenna Gain *	Refer to the clause 1.15
H/W Version	06
S/W Version	SMP1750BJKA02-5035573_QB6279223
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	10/20/2025	Annual	10/20/2026
Spectrum Analyzer	R&S	FSV30	100955	04/28/2025	Annual	04/28/2026
Spectrum Analyzer	R&S	FSW43	100637	08/07/2025	Annual	08/07/2026
Spectrum Analyzer	Agilent	N9020A	MY53421758	09/10/202	Annual	09/10/2026
Spectrum Analyzer	Agilent	N9030A	US51350132	12/03/2025	Annual	12/03/2026
Communication test station	Anritsu	MT8000A	6261949671	11/03/2025	Annual	11/03/2026
Communication Analyzer	Anritsu	MT8821C	6262192291	02/25/2026	Annual	02/25/2027
Temperature Chamber	ESPEC CORP.	SU-242	93013003	09/18/2025	Annual	09/18/2026
Low Pass Filter	Mini-Circuits	NLP-1200+	V 8979400903-1	05/23/2025	Annual	05/23/2026
High Pass Filter	Wainwright Instrument GmbH	WHKX10-900-1000-18000-40SS	64	03/09/2026	Annual	03/09/2027
High Pass Filter	Wainwright Instrument GmbH	WHKX3.0/18G-6SS	4	06/09/202	Annual	06/09/2026
High Pass Filter	Wainwright Instrument GmbH	WLKX10-6320-8000-26500-40CC	6	10/22/2025	Annual	10/22/2026
Power Splitter	Weinschel	1534	499	10/24/2025	Annual	10/24/2026
BRIDGE COUPLER	MARKI MICROWAVE INC	CBR16-0012	1542	05/15/2025	Annual	05/15/2026
Directional Coupler	KRYTAR	152613	122660	07/02/2025	Annual	07/02/2026
DC Power Supply	Agilent	U8002A	MY49030063	01/19/2026	Annual	01/19/2027
DC Power Supply	R&S	HMP2020	102133	04/28/2025	Annual	04/28/2026
Preamplifier	H.P.	8447F	2944A03909	08/07/2025	Annual	08/07/2026
Preamplifier	R&S	SCU 18F	101058	02/27/2025	Annual	02/27/2026
Preamplifier	R&S	SCU 18F	100959	01/05/2026	Annual	01/05/2027
Preamplifier	TESTEK	TK-PA1840H	130016	03/06/2026	Annual	03/06/2027
Test Receiver	R&S	ESU26	100109	01/21/2026	Annual	01/21/2027
Loop Antenna	Schwarzbeck Mess-Elektronik	FMZB 1519	1519-039	10/01/2025	Biennial	10/01/2027
Bilog Antenna	Schwarzbeck Mess-Elektronik	VULB9163	01126	03/09/2026	Biennial	03/09/2028
Horn Antenna	R&S	HF906	100326	03/03/2026	Annual	03/03/2027
Horn Antenna	Schwarzbeck Mess-Elektronik	BBHA 9170	9170-540	12/05/2025	Annual	12/05/2026
Antenna Master	Innco systems GmbH	MA4640-XP-ET	MA4640/536/38330516/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	CO3000/963/38330516/L	N.C.R.	N/A	N.C.R.
Anechoic Chamber	SY Corporation	L x W x H (9.6 m x 6.4 m x 6.6 m)	N/A	N.C.R.	N/A	N.C.R.
Coaxial Cable	SENSORVIEW	NMST-13A26-NMST-5 m	TPC2402190004	10/13/2025	Semi-Annual	04/13/2026
Coaxial Cable	SENSORVIEW	NMST-13A26-NMST-10 m	TPC2402190001	10/13/2025	Semi-Annual	04/13/2026
Coaxial Cable	Qualwave	QT50P-40-KK-1.5	24270074	10/10/2025	Semi-Annual	04/10/2026
Coaxial Cable	RADIALL	TESTPRO 3	182290	10/10/2025	Semi-Annual	04/10/2026
Coaxial Cable	RADIALL	TESTPRO 3	182291	10/10/2025	Semi-Annual	04/10/2026

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 4, RSS-133 Issue 7, RSS-139 Issue 4 and RSS-199 Issue 4			
Section(s) in FCC	Section(s) in IC	Test Item	Result
§2.1046 §22.913(a)(5) §24.232(c) §27.50(c)(9)(10) §27.50(d)(4) §27.50(h)(2) §90.635(b)	RSS-130 Issue 2 4.6 RSS-132 Issue 4 5.4 RSS-133 Issue 7 5.5 RSS-139 Issue 4 5.5 RSS-199 Issue 4 5.5	E.R.P. / E.I.R.P.	Pass
§22.917(a) §24.238(a) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.691(a)	RSS-130 Issue 2 4.7 RSS-132 Issue 4 5.5 RSS-133 Issue 7 5.6 RSS-139 Issue 4 5.6 RSS-199 Issue 4 5.6	Radiated Spurious Emission	Pass
§2.1046	RSS-Gen Issue 5 6.12	Conducted Output Power	Pass
§2.1049	RSS-Gen Issue 5 6.7	Occupied Bandwidth	Pass
§22.913(d) §24.232(d) §27.50(d)(5)	RSS-130 Issue 2 4.6 RSS-132 Issue 4 5.4 RSS-133 Issue 7 5.5 RSS-139 Issue 4 5.5 RSS-199 Issue 4 5.5	Peak-Average Ratio	Pass
§22.917(a) §24.238(a) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.691(a)	RSS-130 Issue 2 4.7 RSS-132 Issue 4 5.5 RSS-133 Issue 7 5.6 RSS-139 Issue 4 5.6 RSS-199 Issue 4 5.6	Spurious Emission at Antenna Terminal	Pass
§22.917(a) §24.238(a) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.691(a)	RSS-130 Issue 2 4.7 RSS-132 Issue 4 5.5 RSS-133 Issue 7 5.6 RSS-139 Issue 4 5.6 RSS-199 Issue 4 5.6	Band Edge	Pass
§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 4 5.3 RSS-133 Issue 7 5.4 RSS-139 Issue 4 5.4 RSS-199 Issue 4 5.4	Frequency Stability	Pass

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 is equipped with two antennas. Antenna 1 serves as the primary antenna for frequencies below 3 GHz, while providing support as a secondary antenna and enabling MIMO operation for frequency at or above 3 GHz. Antenna 2 acts as the primary for frequencies above 3 GHz.

MIMO operation is supported specifically for NR bands above 3 GHz. For LTE, the device supports SISO operation only. Additionally, in 5G NR MIMO mode, only CP-OFDM is supported.

1.10. ENDC Configuration

NR Band	SCS (kHz)	Bandwidth (MHz)	Waveform	Modulation	ENDC LTE Band
n2	15	5, 10, 15, 20, 25, 30, 35, 40	DFT-S OFDM, CP OFDM	BPSK, QPSK, 16QAM, 64QAM, 256QAM	5, 12, 13, 14, 48
n5	15	5, 10, 15, 20, 25			2, 7, 48, 66
n25	15	5, 10, 15, 20, 25, 30, 35, 40, 45			12
n66	15	5, 10, 15, 20, 25, 30, 35, 40, 45			5, 12, 13, 14, 48
n71	15	5, 10, 15, 20			2, 66

1.11. Worst Case Configuration and Mode

The worst-case was determined based on conducted output power investigation. While testing was generally performed across all modulations (BSPK, QPSK, 16QAM, 64QAM, and 256QAM), certain test items were conducted using specific modulations as required by the relevant standards. 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.

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 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 DFT-S-OFDM					Modulation CP-OFDM				RB #		
		Low	Mid	High	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	1	Half	Full	
Conducted Output Power	n7	V	V	V	V	V	V	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	V
	n25/2	V	V	V	V	V	V	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	V	V
	n26 part 90	V	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	V	V	V	-	-	V	V	V
	n71	V	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
	n25/2	-	V	-	V	-	-	-	-	-	-	-	-							-	V	-	-	-	-	-	-	-	-	-	-	V
	n26/5 part 22	-	V	-	V	-	-	-	-											-	V	-	-	-	-	-	-	-	-	-	-	V
	n26 part 90	-	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		V						V	V	V	-	-	V	V	-	-	-	-	-	V
	n12	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	-	-	-	-	-	V
	n26/5 part 22	V	V	V	V	V	V	V	V											V	V	V	-	-	V	V	-	-	-	-	-	V
	n26 part 90	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	-	-	-	-	-	V
	n71	V	V	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	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
	n25/2	V	V	V	V	V	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	-	-	-	V
	n26 part 90	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	V	V	V	V	-	-	-	V
	n71	V	V	V	V	V	V	V												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	-	V	-	-	V	V	-	-	V	-	-	V
	n12	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
	n26 part 90	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
Spurious at antenna terminal & Radiated Spurious Emissions	n7	V	V	V	Worst case																											
	n12	V	V	V	Worst case																											
	n25/2	V	V	V	Worst case																											
	n26/5 part 22	V	V	V	Worst case																											
	n26 part 90	V	V	V	Worst case																											
	n66	V	V	V	Worst case																											
	n71	V	V	V	Worst case																											

ENDC

Test Items	Band	Test Channel			Bandwidth (MHz)																Modulation DFT-S-OFDM					Modulation CP-OFDM				RB #		
		Low	Mid	High	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	1	Half	Full	
Conducted Output Power	n5	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	-	-	
	n66	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	-	-	
Spurious Radiated Emission	n5	V	V	V	Worst case																											
	n25/2	V	V	V	Worst case																											
	n66	V	V	V	Worst case																											
	n71	V	V	V	Worst case																											
	n5	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	25	DFT-S OFDM - BPSK	1
n12	15	10	DFT-S OFDM - BPSK	1
n25/2	15	15	DFT-S OFDM - BPSK	1
n26/5 Part 22	15	10	DFT-S OFDM - QPSK	1
n26 Part 90	15	5	DFT-S OFDM - QPSK	1
n66	15	10	DFT-S OFDM - BPSK	1
n71	15	5	DFT-S OFDM - QPSK	1

ENDC

NR Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Resource Block Allocation
				RBs allocated
66A-n5A	15	5-15	DFT-S OFDM - QPSK	1
12A-n25A	15	10-15	DFT-S OFDM - BPSK	1
14A-n66A	15	10-10	DFT-S OFDM - BPSK	1
66A-n71A	15	5-5	DFT-S 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	
Conducted Output Power	1.43 dB	
Occupied Bandwidth	0.04 MHz	
Conducted Spurious Emissions	1.19 dB	
Peak to Average Ratio	0.65 dB	
Frequency Stability	107 Hz	
Radiated Emission, 9 kHz to 30 MHz	H	3.60 dB
	V	3.60 dB
7Radiated Emission, below 1 GHz	H	5.50 dB
	V	5.10 dB
Radiated Emission, above 1 GHz	H	3.50 dB
	V	3.40 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-RTL006832	2026.04.02	Initial

1.15. Antenna Information

Ant. No.	Ant. Type	Support Band		
		LTE	NR	WCDMA
Ant. 1	Dipole	2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 41, 66, 71	2, 5, 7, 12, 25, 26, 41, 48, 66, 71, 77, 78	II, IV, V
Ant. 2	Dipole	48	48, 77, 78	

Band	Operating Frequency (MHz)	Antenna Peak Gain (dB i)		
		Ant.1	Ant. 2	Ant. 1+2
WCDMA II LTE 25/2 NR 25/2	1 850 ~ 1 915	0.46		
WCDMA IV LTE 66/4 NR 66	1 710 ~ 1 780	-0.37		
WCDMA V LTE 26/5 NR 26/5	824 ~ 849	0.60		
LTE 7 NR 7	2 500 ~ 2 570	0.22		
LTE 12/17 NR 12	699 ~ 716	-4.13		
LTE 13	777 ~ 787	-1.27		
LTE 14	788 ~ 798	0.13		
LTE 26	814 ~ 824	0.60		
LTE 71 NR 71	663 ~ 698	-7.25		
LTE 41 NR 41	2 496 ~ 2 690(FCC) 2 500 ~ 2 690(IC)	0.34		
LTE 48 NR 48	3 550 ~ 3 700	-2.11	-2.11	0.90
NR 77/78_FCC	3 450 ~ 3 550	-2.07	-2.07	0.94
	3 700 ~ 3 980	-2.44	-2.44	0.57
NR 77/78_IC	3 450 ~ 3 900	-2.07	-2.07	0.94
	3 900 ~ 3 980	-2.44	-2.44	0.57

Remark;

1) According to KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)d)(i),
 Port 1 + Port 2 Antenna Gain = $10 * \log[(10^{G_1/20} + 10^{G_2/20})^2 / N_{ANT}]$

Where,

G₁ = antenna gain of port 1,
 G₂ = antenna gain of port 2,
 N_{ANT} = the number of antennas

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.R.P. / E.I.R.P. Average (dB m)	E.R.P. / E.I.R.P. Average (W)	Emission Designator
n7	5	DFT-S OFDM	BPSK	2 502.5	2 567.5	22.63	0.29	22.92	0.196	4M53G7D
			QPSK			22.62		22.91	0.195	4M55G7D
			16QAM			21.50		21.79	0.151	4M49D7D
		CP OFDM	QPSK			21.13		21.42	0.139	4M52G7D
			16QAM			20.65		20.94	0.124	4M52D7D
	10	DFT-S OFDM	BPSK	2 505.0	2 565.0	22.63		22.92	0.196	8M94G7D
			QPSK			22.64		22.93	0.196	8M92G7D
			16QAM			21.52		21.81	0.152	8M94D7D
		CP OFDM	QPSK			21.16		21.45	0.140	9M30G7D
			16QAM			20.65		20.94	0.124	9M30D7D
	15	DFT-S OFDM	BPSK	2 507.5	2 562.5	22.68		22.97	0.198	13M5G7D
			QPSK			22.68		22.97	0.198	13M4G7D
			16QAM			21.57		21.86	0.153	13M4D7D
		CP OFDM	QPSK			21.16		21.45	0.140	14M1G7D
			16QAM			20.75		21.04	0.127	14M2D7D
	20	DFT-S OFDM	BPSK	2 510.0	2 560.0	22.67		22.96	0.198	17M9G7D
			QPSK			22.68		22.97	0.198	17M9G7D
			16QAM			21.57		21.86	0.153	17M9D7D
		CP OFDM	QPSK			21.16		21.45	0.140	19M0G7D
			16QAM			20.70		20.99	0.126	19M0D7D
	25	DFT-S OFDM	BPSK	2 512.5	2 557.5	22.71		23.00	0.200	23M0G7D
			QPSK			22.70		22.99	0.199	23M0G7D
			16QAM			21.58		21.87	0.154	23M0D7D
		CP OFDM	QPSK			21.18		21.47	0.140	23M9G7D
			16QAM			20.68		20.97	0.125	23M9D7D
	30	DFT-S OFDM	BPSK	2 515.0	2 555.0	22.66		22.95	0.197	28M7G7D
			QPSK			22.66		22.95	0.197	28M7G7D
			16QAM			21.53		21.82	0.152	28M7D7D
		CP OFDM	QPSK			21.09		21.38	0.137	28M7G7D
			16QAM			20.55		20.84	0.121	28M7D7D
	35	DFT-S OFDM	BPSK	2 517.5	2 552.5	22.56		22.85	0.193	32M4G7D
			QPSK			22.54		22.83	0.192	32M3G7D
			16QAM			21.46		21.75	0.150	32M2D7D
		CP OFDM	QPSK			21.05		21.34	0.136	33M6G7D
			16QAM			20.52		20.81	0.121	33M8D7D
	40	DFT-S OFDM	BPSK	2 520.0	2 550.0	22.69		22.98	0.199	38M8G7D
			QPSK			22.69		22.98	0.199	38M8G7D
			16QAM			21.57		21.86	0.153	38M7D7D
		CP OFDM	QPSK			21.15		21.44	0.139	38M8G7D
			16QAM			20.64		20.93	0.124	38M8D7D
	50	DFT-S OFDM	BPSK	2 525.0	2 545.0	22.34		22.63	0.183	48M5G7D
			QPSK			22.31		22.60	0.182	48M4G7D
			16QAM			21.22		21.51	0.142	48M3D7D
		CP OFDM	QPSK			20.81		21.10	0.129	48M3G7D
			16QAM			20.33		20.62	0.115	48M4D7D

NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.R.P. / E.I.R.P. Average (dB m)	E.R.P. / E.I.R.P. Average (W)	Emission Designator
n12	5	DFT-S OFDM	BPSK	701.5	713.5	23.59	-4.13	17.31	0.054	4M53G7D
			QPSK			23.57		17.29	0.054	4M57G7D
			16QAM			22.39		16.11	0.041	4M50D7D
		CP OFDM	QPSK			21.94		15.66	0.037	4M54G7D
			16QAM			21.50		15.22	0.033	4M52D7D
	10	DFT-S OFDM	BPSK	704.0	711.0	23.67		17.39	0.055	8M97G7D
			QPSK			23.66		17.38	0.055	8M93G7D
			16QAM			22.36		16.08	0.041	8M95D7D
		CP OFDM	QPSK			21.89		15.61	0.036	9M29G7D
			16QAM			21.38		15.10	0.032	9M29D7D
	15	DFT-S OFDM	BPSK	706.5	708.5	23.64		17.36	0.054	13M5G7D
			QPSK			23.60		17.32	0.054	13M4G7D
			16QAM			22.27		15.99	0.040	13M5D7D
		CP OFDM	QPSK			21.82		15.54	0.036	14M1G7D
			16QAM			21.37		15.09	0.032	14M1D7D

NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.R.P. / E.I.R.P. Average (dB m)	E.R.P. / E.I.R.P. Average (W)	Emission Designator
n25/2	5	DFT-S OFDM	BPSK	1 852.5	1 912.5	22.72	0.46	23.18	0.208	4M53G7D
			QPSK			22.72		23.18	0.208	4M54G7D
			16QAM			21.60		22.06	0.161	4M50D7D
		CP OFDM	QPSK			21.15		21.61	0.145	4M52G7D
			16QAM			20.63		21.09	0.129	4M53D7D
			16QAM			20.63		21.09	0.129	4M53D7D
	10	DFT-S OFDM	BPSK	1 855.0	1 910.0	22.72		23.18	0.208	8M93G7D
			QPSK			22.72		23.18	0.208	8M95G7D
			16QAM			21.61		22.07	0.161	8M93D7D
		CP OFDM	QPSK			21.20		21.66	0.147	9M27G7D
			16QAM			20.76		21.22	0.132	9M31D7D
			16QAM			20.76		21.22	0.132	9M31D7D
	15	DFT-S OFDM	BPSK	1 857.5	1 907.5	22.78		23.24	0.211	13M4G7D
			QPSK			22.75		23.21	0.209	13M4G7D
			16QAM			21.58		22.04	0.160	13M4D7D
		CP OFDM	QPSK			21.16		21.62	0.145	14M1G7D
			16QAM			20.73		21.19	0.132	14M1D7D
			16QAM			20.73		21.19	0.132	14M1D7D
	20	DFT-S OFDM	BPSK	1 860.0	1 905.0	22.70		23.16	0.207	17M9G7D
			QPSK			22.70		23.16	0.207	17M9G7D
			16QAM			21.58		22.04	0.160	17M9D7D
		CP OFDM	QPSK			21.17		21.63	0.146	18M9G7D
			16QAM			20.74		21.20	0.132	18M9D7D
			16QAM			20.74		21.20	0.132	18M9D7D
	25	DFT-S OFDM	BPSK	1 862.5	1 902.5	22.72		23.18	0.208	22M9G7D
			QPSK			22.71		23.17	0.207	22M9G7D
			16QAM			21.59		22.05	0.160	22M9D7D
		CP OFDM	QPSK			21.16		21.62	0.145	23M7G7D
			16QAM			20.65		21.11	0.129	23M8D7D
			16QAM			20.65		21.11	0.129	23M8D7D
	30	DFT-S OFDM	BPSK	1 865.0	1 900.0	22.65		23.11	0.205	28M7G7D
			QPSK			22.72		23.18	0.208	28M6G7D
			16QAM			21.60		22.06	0.161	28M6D7D
		CP OFDM	QPSK			21.18		21.64	0.146	28M7G7D
			16QAM			20.64		21.10	0.129	28M7D7D
			16QAM			20.64		21.10	0.129	28M7D7D
	35	DFT-S OFDM	BPSK	1 867.5	1 897.5	22.67		23.13	0.206	32M2G7D
			QPSK			22.74		23.20	0.209	32M2G7D
			16QAM			21.71		22.17	0.165	32M2D7D
		CP OFDM	QPSK			21.18		21.64	0.146	33M7G7D
			16QAM			20.66		21.12	0.129	33M6D7D
			16QAM			20.66		21.12	0.129	33M6D7D
	40	DFT-S OFDM	BPSK	1 870.0	1 895.0	22.63		23.09	0.204	38M7G7D
			QPSK			22.72		23.18	0.208	38M7G7D
			16QAM			22.14		22.60	0.182	38M6D7D
		CP OFDM	QPSK			21.19		21.65	0.146	38M7G7D
			16QAM			20.65		21.11	0.129	38M8D7D
			16QAM			20.65		21.11	0.129	38M8D7D
	45	DFT-S OFDM	BPSK	1 872.5	1 892.5	22.66		23.12	0.205	43M0G7D
			QPSK			22.65		23.11	0.205	42M9G7D
			16QAM			21.53		21.99	0.158	42M9D7D
		CP OFDM	QPSK			21.05		21.51	0.142	43M2G7D
			16QAM			20.54		21.00	0.126	43M3D7D
			16QAM			20.54		21.00	0.126	43M3D7D

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	23.94	0.60	22.39	0.173	4M53G7D
			QPSK			23.91		22.36	0.172	4M52G7D
			16QAM			22.79		21.24	0.133	4M49D7D
		CP-OFDM	QPSK			22.36		20.81	0.121	4M55G7D
			16QAM			21.85		20.30	0.107	4M52D7D
	10	DFTS-OFDM	BPSK	829.0	844.0	23.94		22.39	0.173	8M95G7D
			QPSK			23.98		22.43	0.175	8M93G7D
			16QAM			23.04		21.49	0.141	8M93D7D
		CP-OFDM	QPSK			22.41		20.86	0.122	9M29G7D
			16QAM			21.94		20.39	0.109	9M29D7D
	15	DFTS-OFDM	BPSK	831.5	841.5	23.92		22.37	0.173	13M5G7D
			QPSK			23.92		22.37	0.173	13M5G7D
			16QAM			22.79		21.24	0.133	13M5D7D
		CP-OFDM	QPSK			22.36		20.81	0.121	14M2G7D
			16QAM			21.94		20.39	0.109	14M2D7D
	20	DFTS-OFDM	BPSK	834.0	839.0	23.93		22.38	0.173	17M9G7D
			QPSK			23.92		22.37	0.173	17M9G7D
			16QAM			22.75		21.20	0.132	17M9D7D
		CP-OFDM	QPSK			22.29		20.74	0.119	19M0G7D
			16QAM			21.78		20.23	0.105	19M0D7D
	25	DFTS-OFDM	BPSK	836.5	836.5	23.93		22.38	0.173	22M7G7D
			QPSK			23.92		22.37	0.173	22M7G7D
			16QAM			22.72		21.17	0.131	22M7D7D
		CP-OFDM	QPSK			22.20		20.65	0.116	23M6G7D
			16QAM			21.65		20.10	0.102	23M6D7D
n26 part 90	5	DFTS-OFDM	BPSK	816.5	821.5	23.91	0.60	22.36	0.172	4M53G7D
			QPSK			23.95		22.40	0.174	4M52G7D
			16QAM			22.77		21.22	0.132	4M49D7D
		CP-OFDM	QPSK			22.33		20.78	0.120	4M53G7D
			16QAM			21.82		20.27	0.106	4M54D7D
	10	DFTS-OFDM	BPSK	819.0	819.0	23.93		22.38	0.173	8M93G7D
			QPSK			23.91		22.36	0.172	8M93G7D
			16QAM			22.75		21.20	0.132	8M93D7D
		CP-OFDM	QPSK			22.34		20.79	0.120	9M27G7D
			16QAM			21.84		20.29	0.107	9M29D7D

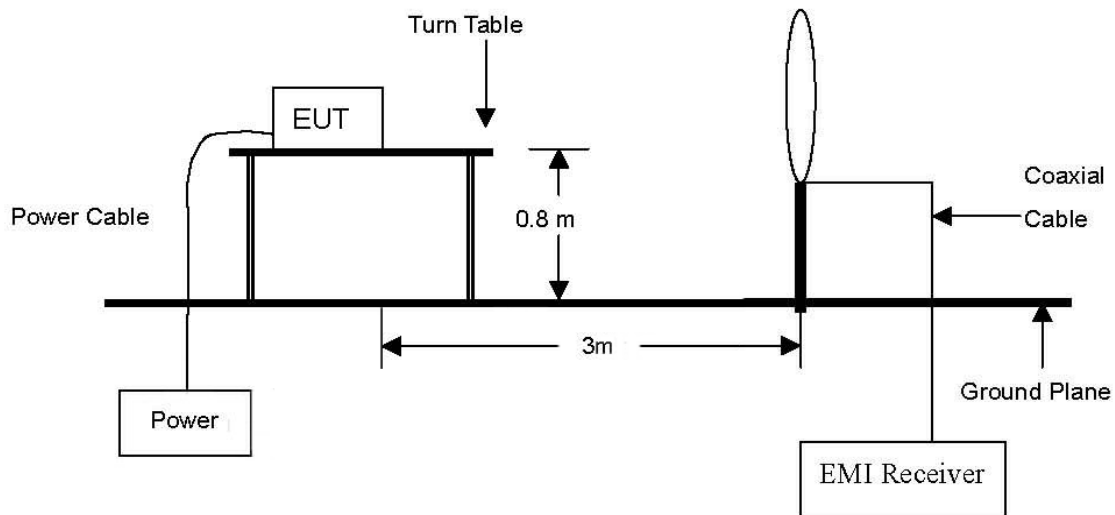
NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.R.P. / E.I.R.P. Average (dB m)	E.R.P. / E.I.R.P. Average (W)	Emission Designator
n66	5	DFT-S OFDM	BPSK	1 712.5	1 777.5	23.23	-0.37	22.86	0.193	4M52G7D
			QPSK			23.22		22.85	0.193	4M53G7D
			16QAM			22.06		21.69	0.148	4M50D7D
		CP OFDM	QPSK			21.62		21.25	0.133	4M53G7D
			16QAM			21.08		20.71	0.118	4M52D7D
			16QAM			23.25		22.88	0.194	8M95G7D
	10	DFT-S OFDM	BPSK	1 715.0	1 775.0	23.24		22.87	0.194	8M95G7D
			QPSK			22.03		21.66	0.147	8M93D7D
			16QAM			21.63		21.26	0.134	9M29G7D
		CP OFDM	QPSK			21.08		20.71	0.118	9M31D7D
			16QAM			23.24		22.87	0.194	13M5G7D
			QPSK			23.25		22.88	0.194	13M5G7D
	15	DFT-S OFDM	BPSK	1 717.5	1 772.5	22.02		21.65	0.146	13M5D7D
			QPSK			21.56		21.19	0.132	14M2G7D
			16QAM			21.04		20.67	0.117	14M2D7D
		CP OFDM	QPSK			23.22		22.85	0.193	17M9G7D
			QPSK			23.20		22.83	0.192	17M9G7D
			16QAM			21.93		21.56	0.143	18M0D7D
	20	DFT-S OFDM	BPSK	1 720.0	1 770.0	21.53		21.16	0.131	19M0G7D
			QPSK			21.11		20.74	0.119	19M0D7D
			16QAM			23.20		22.83	0.192	23M0G7D
		CP OFDM	BPSK			23.21		22.84	0.192	22M9G7D
			QPSK			21.95		21.58	0.144	23M0D7D
			16QAM			21.49		21.12	0.129	23M8G7D
	25	DFT-S OFDM	BPSK	1 722.5	1 767.5	20.99		20.62	0.115	23M8D7D
			QPSK			23.22		22.85	0.193	28M7G7D
			16QAM			23.21		22.84	0.192	28M7G7D
		CP OFDM	QPSK			22.00		21.63	0.146	28M7D7D
			QPSK			21.60		21.23	0.133	28M7G7D
			16QAM			21.04		20.67	0.117	28M6D7D
	30	DFT-S OFDM	BPSK	1 725.0	1 765.0	23.01		22.64	0.184	32M3G7D
			QPSK			23.07		22.70	0.186	32M2G7D
			16QAM			21.98		21.61	0.145	32M2D7D
		CP OFDM	QPSK			21.36		20.99	0.126	33M6G7D
			QPSK			21.07		20.70	0.117	33M6D7D
			16QAM			23.23		22.86	0.193	38M8G7D
	35	DFT-S OFDM	BPSK	1 727.5	1 762.5	23.21		22.84	0.192	38M7G7D
			QPSK			21.82		21.45	0.140	38M7D7D
			16QAM			21.46		21.09	0.129	38M7G7D
		CP OFDM	QPSK			20.96		20.59	0.115	38M7D7D
			QPSK			22.81		22.44	0.175	42M9G7D
			16QAM			23.10		22.73	0.187	42M8G7D
	40	DFT-S OFDM	BPSK	1 730.0	1 760.0	21.75		21.38	0.137	42M9D7D
			QPSK			21.32		20.95	0.124	43M2G7D
			16QAM			20.77		20.40	0.110	43M2D7D
		CP OFDM	QPSK			22.81		22.44	0.175	42M9G7D
			QPSK			23.10		22.73	0.187	42M8G7D
			16QAM			21.75		21.38	0.137	42M9D7D
	45	DFT-S OFDM	BPSK	1 732.5	1 757.5	21.32		20.95	0.124	43M2G7D
			QPSK			20.77		20.40	0.110	43M2D7D
			16QAM			22.81		22.44	0.175	42M9G7D
		CP OFDM	QPSK			23.10		22.73	0.187	42M8G7D
			QPSK			21.75		21.38	0.137	42M9D7D
			16QAM			21.32		20.95	0.124	43M2G7D

NR Band	Band width (MHz)	Modulation		Low Freq. (MHz)	Upper Freq. (MHz)	Conducted Average (dB m)	Ant. Gain (dB i)	E.R.P. / E.I.R.P. Average (dB m)	E.R.P. / E.I.R.P. Average (W)	Emission Designator
n71	5	DFT-S OFDM	BPSK	665.5	695.5	23.28	-7.25	13.88	0.024	4M53G7D
			QPSK			23.29		13.89	0.024	4M54G7D
			16QAM			22.18		12.78	0.019	4M49D7D
		CP OFDM	QPSK			21.70		12.30	0.017	4M52G7D
			16QAM			21.19		11.79	0.015	4M55D7D
	10	DFT-S OFDM	BPSK	668.0	693.0	23.24		13.84	0.024	8M99G7D
			QPSK			23.23		13.83	0.024	8M93G7D
			16QAM			22.08		12.68	0.019	8M93D7D
		CP OFDM	QPSK			21.60		12.20	0.017	9M29G7D
			16QAM			21.06		11.66	0.015	9M29D7D
	15	DFT-S OFDM	BPSK	670.5	690.5	23.20		13.80	0.024	13M5G7D
			QPSK			23.20		13.80	0.024	13M5G7D
			16QAM			22.04		12.64	0.018	13M5D7D
		CP OFDM	QPSK			21.59		12.19	0.017	14M1G7D
			16QAM			21.07		11.67	0.015	14M2D7D
	20	DFT-S OFDM	BPSK	673.0	688.0	23.17		13.77	0.024	17M9G7D
			QPSK			23.15		13.75	0.024	17M9G7D
			16QAM			22.00		12.60	0.018	17M9D7D
		CP OFDM	QPSK			21.57		12.17	0.016	18M9G7D
			16QAM			21.06		11.66	0.015	18M9D7D

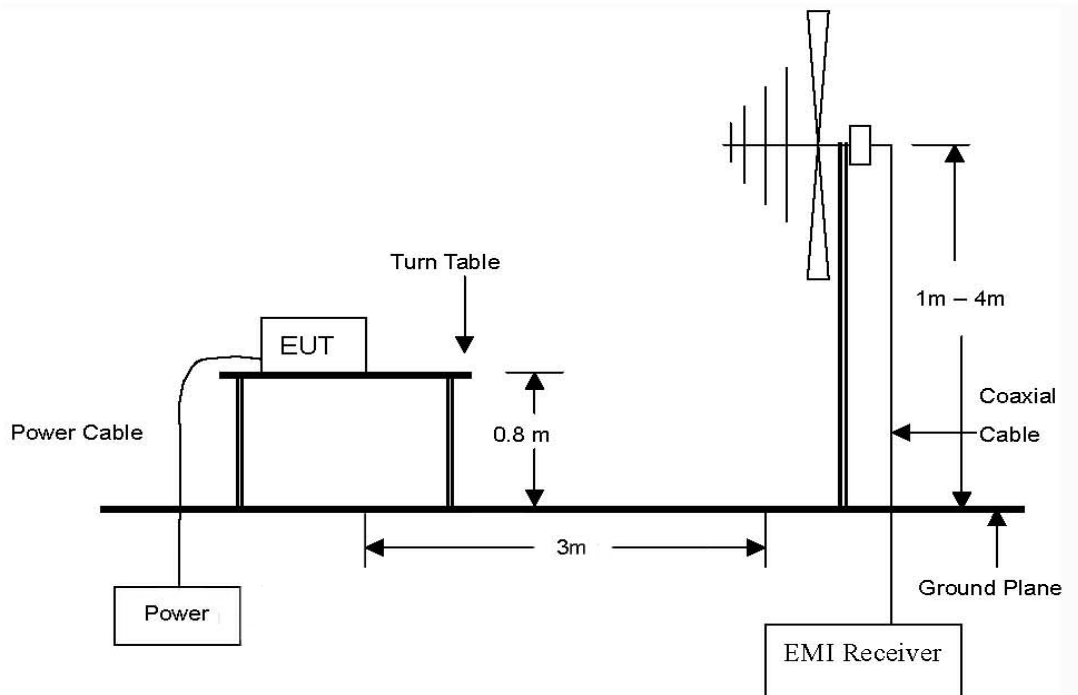
2. E.R.P. / E.I.R.P. & Radiated Spurious Emissions

2.1. Test setup

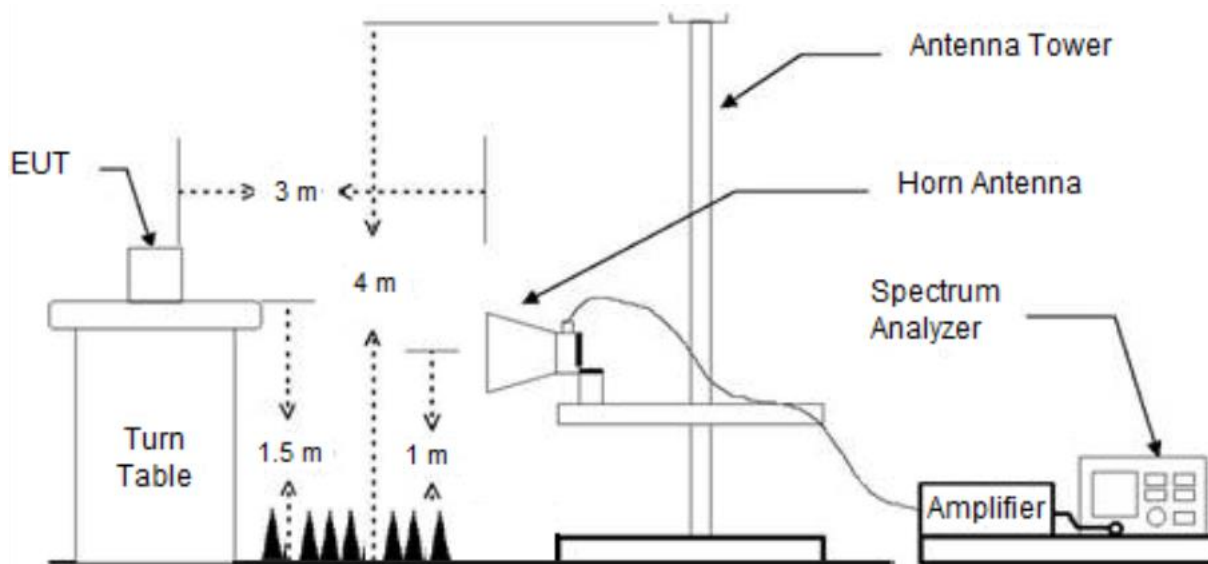
The diagram below shows the test setup that is utilized to make the measurements for emission from 9 kHz to 30 MHz.



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 the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.



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(c)(9), 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).

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- 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 4
5.4, the transmitter output power shall be measured in terms of average power. The equivalent radiated power (e.r.p.) shall not exceed 7 watts for mobile equipment and 3 watts for portable equipment.
The effective isotropic radiated power (e.i.r.p.) shall not exceed the limits specified in SRSP-503 for base station equipment.
- RSS-133 Issue 7
5.5, the maximum power spectral density of the equipment, measured in terms of average values, shall comply with the limits specified in table 2. These limits are either specified in terms of equivalent isotropically radiated power (e.i.r.p.) or TRP for the purpose of certification and may not apply to all deployment scenarios. Consult SRSP-510 for more deployment details in the bands 1 850-1 915 MHz and 1 930-1 995 MHz.

AAS equipment with eight antenna elements or less can demonstrate compliance with the e.i.r.p limit specified for non-AAS equipment in table 2, instead of the TRP limit.

Table 2: Maximum power spectral density of equipment

Equipment type	Maximum power spectral density
Non-AAS fixed station and base station	3 280 W/MHz e.i.r.p
AAS fixed station and base station	46 dB m/MHz TRP
Subscriber equipment	2 W/channel bandwidth e.i.r.p

- RSS-139 Issue 4

5.5, The maximum output power of the equipment shall comply with the limits specified below. In the tables, maximum power refers to the equivalent isotropically radiated power (e.i.r.p.) or total radiated power (TRP), measured in terms of average values.

Table 3: Maximum power of equipment in the band 1 710-1 780 MHz

Equipment type	Maximum power
Fixed station and base station	30 dBm e.i.r.p./ channel bandwidth
Subscriber equipment	30 dBm e.i.r.p./ channel bandwidth

- RSS-199 Issue 4

5.5, the maximum output power of the equipment shall comply with the limits specified in table 3. In this table, maximum power refers to the equivalent isotropically radiated power (e.i.r.p.) or total radiated power (TRP), measured in terms of average values.

Subscriber equipment other than fixed subscriber equipment shall not exceed an e.i.r.p of 2W per channel bandwidth.

Fixed subscriber equipment shall not exceed the following:

- I. conducted power of 2W per channel bandwidth for all ports
- II. e.i.r.p of 40 W per channel bandwidth

The maximum power limits for fixed station and base station are provided in Table 3. The limits in this RSS are specified for the purpose of certification and may not apply to all deployment scenarios. Consult SRSP-517 for more deployment details in the band 2 500-2 690 MHz.

Table 3: Maximum power of fixed station and base station in the band 2 500-2 690 MHz

Equipment type	Maximum power
Non-AAS fixed station and base station	e.i.r.p of 1 640 W / MHz
AAS fixed station and base station	TRP of 43 dBm / MHz

2.2.2. Limit of Radiated Spurious Emissions

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- §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(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 than $43 + 10\log_{10}(P)$ 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.

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- 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 4

5.5, Equipment shall meet the unwanted emission limits specified 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 below the transmitter output power P (dB W) by at least $43 + 10 \log(p)$ dB.

(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 below the transmitter output power P (dB W) by at least $43 + 10 \log(p)$ dB. If the measurement is performed using 1 % of the occupied bandwidth, power integration over 100 kHz is required.

- RSS-133 Issue 7

5.6, Unwanted emissions shall be measured in terms of average values while the transmitter is operating at the manufacturer's rated power and modulated as specified in RSS-Gen.

Equipment shall meet the unwanted emission limits, specified in table 3, outside each frequency block group. For each channel bandwidth supported by the equipment under test, the unwanted emissions shall be measured and reported for two channel frequencies: one located as close as possible to the low end and one located as close as possible to the high end of the equipment's operating frequency range.

For the unwanted emission limits, in the 1 MHz bands immediately outside and adjacent to the frequency block group, the power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth (OBW). Beyond these 1 MHz bands, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth may be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz, or 1% of the OBW, as applicable.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors), where applicable, of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in the table 3.

Table 3: Unwanted emission limits for all equipment

Offset frequency from the edge of the frequency block group (MHz)	Unwanted emission limit
≤ 1	-13 dB m/(1% of OBW)
> 1	-13 dB m/MHz

- RSS-139 Issue 4

5.6, Unwanted emissions shall be measured in terms of average values.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors) of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in table 6.

Table 6: Unwanted emission limits

Offset from the edge of the frequency block or frequency block group	Unwanted emission limit
≤ 1 MHz	-13 dB m/(1% of OB)*
> 1 MHz	-13 dB m

* OB is the occupied bandwidth

- RSS-199 Issue 4

5.6, unwanted emissions shall be measured in terms of average values when the transmitter is operating at the manufacturer's rated power and modulated as specified in RSS-Gen.

Equipment shall meet the unwanted emission limits, specified below, outside each frequency block group. For each channel bandwidth supported by the equipment under test, the unwanted emissions shall be measured and reported for two channel frequencies: one located as close as possible to the low end and one located as close as possible to the high end of the equipment's operating frequency range.

For the unwanted emission limits, in the 1 MHz band immediately outside and adjacent to the frequency block group, the power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for fixed stations, base stations, and fixed subscriber equipment, and 2 % for subscriber equipment other than fixed subscriber equipment. Beyond this 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.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors), where applicable, of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in the tables below.

Table 4: Unwanted emission limits for fixed station, base station and fixed subscriber equipment

Offset from the edge of the frequency block or frequency block group (MHz)	Unwanted emission limit
≤ 1	-13 dB m/(1% of OB*)
> 1	-13 dB m/MHz

* OB is the occupied bandwidth

Table 5: Unwanted emission limits for subscriber equipment other than fixed subscriber equipment

Offset from the edge of the frequency block or frequency block group (MHz)	Unwanted emission limit
0-1	-10 dB m/(2% of OB*)
1-5	-10 dB m/MHz
5-X**	-13 dB m/MHz
$\geq X$	-25 dB m/MHz

* OB is the occupied bandwidth

** X is 6 MHz or the equipment occupied bandwidth, whichever is greater

In addition to complying with the limits in table 5, subscriber equipment other than fixed subscriber equipment shall not exceed -13 dB m/MHz on all frequencies between 2 490.5 MHz and 2 496 MHz, and -25 dB m/MHz at or below 2 490.5 MHz.

2.3. Test Procedure

2.3.1. E.R.P. or E.I.R.P. from conducted RF output power

According to subclause 5.2.5.5 of ANSI C63.26-2015 E.R.P. and E.I.R.P. are defined as the product of the power supplied to the antenna and its gain.

The relevant equation for determining the E.R.P. or E.I.R.P. from the conducted RF output power measured using the guidance provided above is:

$$\text{E.R.P. or E.I.R.P.} = P_{\text{Meas}} + G_T$$

where:

E.R.P. or E.I.R.P. = effective radiated power or equivalent isotropically radiated power, respectively
(expressed in the same units as P_{Meas} , typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

G_T = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

2.3.2. Radiated Spurious Emissions

The test based on 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 %

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	22.71	0.187	0.29	23.00	0.200			2 W E.I.R.P.
n12	699 ~ 716	23.67	0.233	-4.13	19.54	0.090	17.39	0.055	30 W E.R.P.
n25/2	1 850 ~ 1 915	22.78	0.190	0.46	23.24	0.211			2 W E.I.R.P.
n26/5 Part 22	824 ~ 849	23.98	0.250	0.60	24.58	0.287	22.43	0.175	7 W E.R.P.
n26 Part 90	814 ~ 824	23.95	0.248	0.60	24.55	0.285	22.40	0.174	100 W
n66	1 710 ~ 1 755	23.25	0.211	-0.37	22.88	0.194			1 W E.I.R.P.
n71	663 ~ 698	23.29	0.213	-7.25	16.04	0.040	13.89	0.024	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 (25 MHz - DFT-S-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 (2 512.5 MHz)									
7 502.31	43.58	H	36.10	-25.32	54.36	-95.26	-40.90	-25	15.90
7 502.33	49.20	V	36.10	-25.32	59.98	-95.26	-35.28	-25	10.28
10 002.98	39.18	H	37.70	-20.31	56.57	-95.26	-38.69	-25	13.69
10 003.08	45.27	V	37.70	-20.31	62.66	-95.26	-32.60	-25	7.60
Above 10 100.00	Not detected	—	—	—	—	—	—	—	—
Middle Channel (2 535.0 MHz)									
7 569.66	43.51	H	36.00	-25.01	54.50	-95.26	-40.76	-25	15.76
7 569.77	48.24	V	36.00	-25.01	59.23	-95.26	-36.03	-25	11.03
10 093.06	39.86	H	37.70	-20.38	57.18	-95.26	-38.08	-25	13.08
10 093.06	46.48	V	37.70	-20.38	63.80	-95.26	-31.46	-25	6.46
Above 10 100.00	Not detected	—	—	—	—	—	—	—	—
High Channel (2 557.5 MHz)									
7 637.10	39.81	H	35.93	-24.16	51.58	-95.26	-43.68	-25	18.68
7 637.54	41.96	V	35.92	-24.15	53.73	-95.26	-41.53	-25	16.53
Above 7 700.00	Not detected	—	—	—	—	—	—	—	—

NR Band 12 (10 MHz - DFT-S-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 (704.0 MHz)									
1 403.89	42.94	H	25.00	-34.26	33.68	-97.41	-63.73	-13	50.73
1 403.63	43.72	V	25.00	-34.26	34.46	-97.41	-62.95	-13	49.95
4 211.46	38.53	V	32.10	-29.00	41.63	-97.41	-55.78	-13	42.78
Above 4 300.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (707.5 MHz)									
1 405.82	43.51	H	25.00	-34.25	34.26	-97.41	-63.15	-13	50.15
1 405.78	44.70	V	25.00	-34.25	35.45	-97.41	-61.97	-13	48.97
4 217.08	39.41	V	32.10	-29.04	42.47	-97.41	-54.94	-13	41.94
4 920.28	36.17	V	33.34	-28.33	41.18	-97.41	-56.23	-13	43.23
Above 5 000.00	Not detected	-	-	-	-	-	-	-	-
High Channel (711.0 MHz)									
1 407.70	44.91	H	25.00	-34.25	35.66	-97.41	-61.75	-13	48.75
1 407.80	46.40	V	25.00	-34.25	37.15	-97.41	-60.26	-13	47.26
4 223.36	40.13	H	32.10	-29.09	43.14	-97.41	<u>-54.27</u>	-13	41.27
Above 4 300.00	Not detected	-	-	-	-	-	-	-	-

NR Band 25/2 (15 MHz - DFT-S-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 (1 875.5 MHz)									
Below 1 000.00	Not detected	-	-	-	-	-	-	-	-
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (1 882.5 MHz)									
Below 1 000.00	Not detected	-	-	-	-	-	-	-	-
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-
High Channel (1 907.5 MHz)									
3 800.89	41.70	H	32.30	-30.18	43.82	-95.26	<u>-51.44</u>	-13	38.44
Above 3 900.00	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 (829.0 MHz)									
1 666.82	54.65	H	26.04	-34.05	46.64	-97.41	-50.77	-13	37.77
3 333.80	43.26	V	30.84	-31.27	42.83	-97.41	-54.58	-13	41.58
4 167.19	39.29	V	32.10	-28.95	42.44	-97.41	-54.97	-13	41.97
Above 4 200.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (836.5 MHz)									
1 681.67	53.80	H	26.33	-33.98	46.15	-97.41	-51.26	-13	38.26
4 204.50	42.47	V	32.10	-28.94	45.63	-97.41	-51.78	-13	38.78
Above 4 300.00	Not detected	-	-	-	-	-	-	-	-
High Channel (844.0 MHz)									
4 241.93	42.83	V	32.10	-29.36	45.57	-97.41	-51.84	-13	38.84
Above 4 300.00	Not detected	-	-	-	-	-	-	-	-

NR Band 26/5_Part 90 (5 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 (816.5 MHz)									
1 636.92	71.68	H	25.62	-34.12	63.18	-97.41	-34.23	-13	21.23
2 455.07	59.67	V	28.05	-32.45	55.27	-97.41	-42.14	-13	29.14
Above 2 500.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (819.0 MHz)									
1 641.86	68.91	H	25.65	-34.11	60.45	-97.41	-36.96	-13	23.96
2 462.77	59.56	H	28.13	-32.46	55.23	-97.41	-42.18	-13	29.18
2 462.96	44.18	V	28.13	-32.46	39.85	-97.41	-57.56	-13	44.56
Above 2 500.00	Not detected	-	-	-	-	-	-	-	-
High Channel (821.5 MHz)									
1 646.92	67.47	H	25.68	-34.10	59.05	-97.41	-38.36	-13	25.36
1 646.95	45.75	V	25.68	-34.10	37.33	-97.41	-60.08	-13	47.08
Above 1 700.00	Not detected	-	-	-	-	-	-	-	-

NR Band 66 (10 MHz - DFT-S-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 (1 715.0 MHz)									
3 438.70	44.37	V	31.00	-30.85	44.52	-95.26	-50.74	-13	37.74
Above 3 500.00	Not detected	–	–	–	–	–	–	–	–
Middle Channel (1 745.0 MHz)									
3 498.60	44.53	V	31.10	-30.41	45.22	-95.26	-50.04	-13	37.04
Above 3 500.00	Not detected	–	–	–	–	–	–	–	–
High Channel (1 775.0 MHz)									
3 558.87	42.63	V	31.24	-30.34	43.53	-95.26	-51.73	-13	38.73
Above 3 600.00	Not detected	–	–	–	–	–	–	–	–

NR Band 71 (5 MHz - DFT-S-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 (665.5 MHz)									
1 327.11	65.08	H	25.10	-34.82	55.36	-97.41	-42.05	-13	29.05
1 990.28	57.00	H	27.62	-33.23	51.39	-97.41	-46.02	-13	33.02
1 990.57	47.47	V	27.62	-33.23	41.86	-97.41	-55.55	-13	42.55
Above 2 000.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (680.5 MHz)									
1 357.06	71.41	H	25.09	-34.64	61.86	-97.41	-35.55	-13	22.55
2 035.46	68.76	H	27.74	-33.33	63.17	-97.41	-34.24	-13	21.24
Above 2 100.00	Not detected	-	-	-	-	-	-	-	-
High Channel (695.5 MHz)									
1 387.07	66.51	H	25.03	-34.33	57.21	-97.41	-40.20	-13	27.20
2 080.46	56.42	H	27.86	-32.62	51.66	-97.41	-45.75	-13	32.75
2 080.53	51.96	V	27.86	-32.62	47.20	-97.41	-50.21	-13	37.21
Above 2 100.00	Not detected	-	-	-	-	-	-	-	-

Remark;

1. AF = Antenna Factor, CL = Cable Loss, CF = Conversion Factor.
2. E (dBμV/m) = Measured Level (dBμV) + Antenna Factor (dB/m) + AMP (dB) + Cable Loss (dB).
3. E.I.R.P. (dB m) = E (dBμV/m) + CF (dB).
4. E.R.P. (dB m) = E (dBμV/m) + CF (dB) - 2.15 (dB); where E.R.P. and E.I.R.P. are expressed in consistent units.
5. CF (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.
7. '***' means the noise level.
8. To verify compliance with the limit in cases where no spurious emissions were detected, the noise level was reported for only one channel.

ENDC

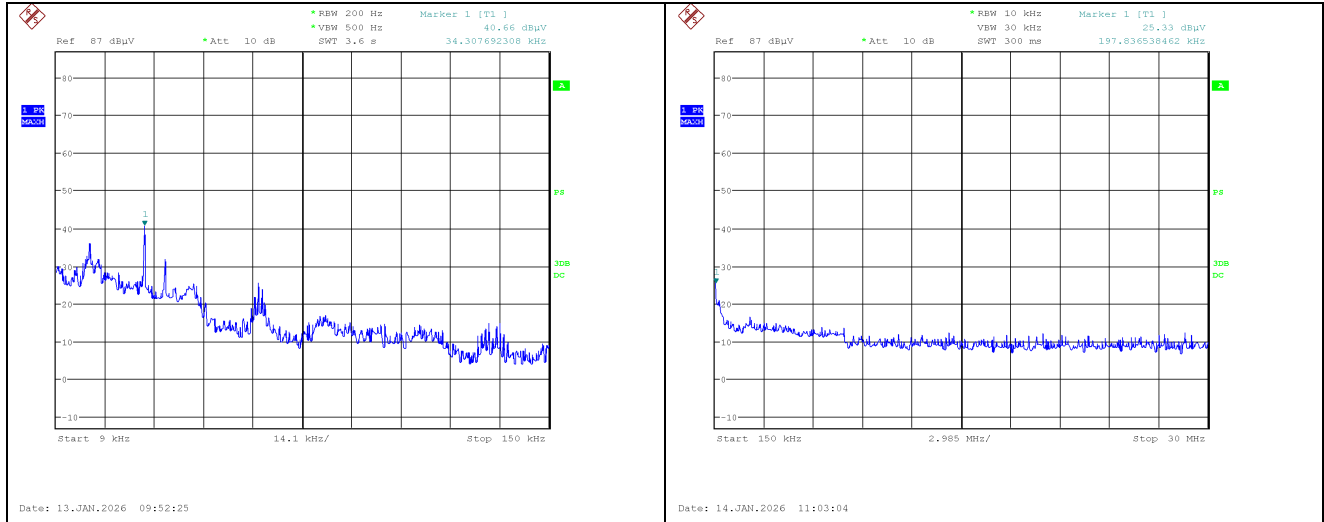
66A-n5A (15 MHz - DFT-S-OFDM QPSK)

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 (831.5 MHz)									
1 676.63	54.80	H	26.23	-34.01	47.02	-97.41	-50.39	-13	37.39
Above 1 700.00	Not detected	–	–	–	–	–	–	–	–
Middle Channel (836.5 MHz)									
1 686.67	50.47	H	26.43	-33.96	42.94	-97.41	-54.47	-13	41.47
1 686.36	43.02	V	26.43	-33.96	35.49	-97.41	-61.92	-13	48.92
3 373.40	39.76	H	30.95	-31.04	39.67	-97.41	-57.74	-13	44.74
Above 3 400.00	Not detected	–	–	–	–	–	–	–	–
High Channel (841.5 MHz)									
1 696.65	54.21	H	26.63	-33.91	46.93	-97.41	-50.48	-13	37.48
1 696.73	44.04	V	26.63	-33.91	36.76	-97.41	-60.65	-13	47.65
2 544.85	51.06	H	28.68	-32.44	47.30	-97.41	-50.11	-13	37.11
Above 2 600.00	Not detected	–	–	–	–	–	–	–	–

12A-n25A (15 MHz - DFT-S-OFDM BPSK)

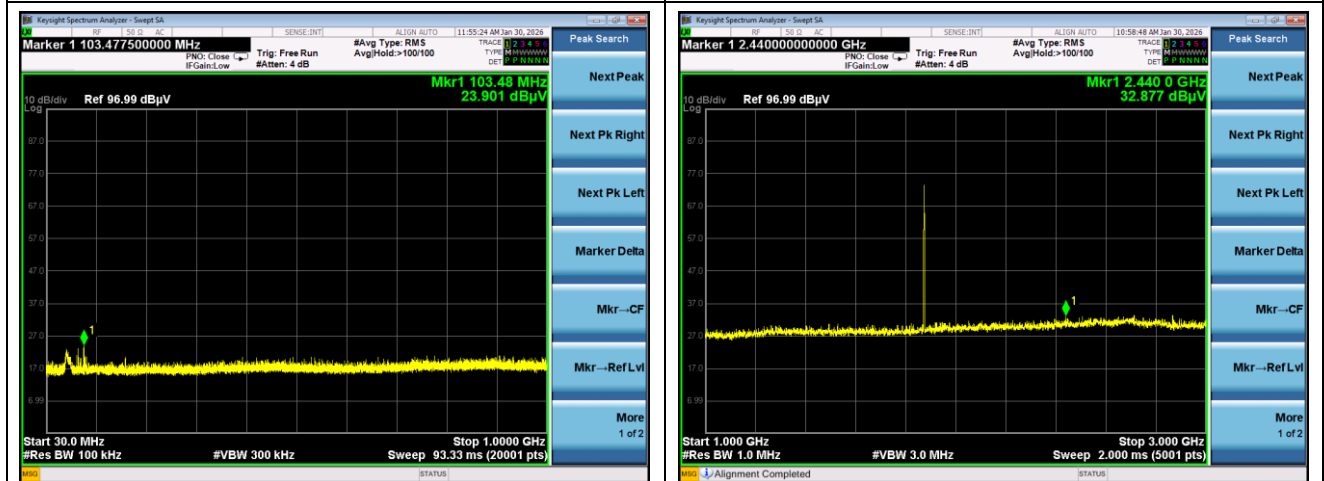
Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 857.5 MHz)									
Below 1 000.00	Not detected	–	–	–	–	–	–	–	–
Above 1 000.00	Not detected	–	–	–	–	–	–	–	–
Middle Channel (1 882.5 MHz)									
Below 1 000.00	Not detected	–	–	–	–	–	–	–	–
**0.034	40.66	–	18.29	0.03	58.98	-95.26	-36.28	-13	23.28
**0.198	25.33	–	18.05	0.07	43.45	-95.26	-51.81	-13	38.81
**103.48	23.90	–	18.00	1.52	43.42	-95.26	-51.84	-13	38.84
**16 667.80	37.90	–	41.64	-17.55	61.99	-95.26	-33.27	-13	20.27
**21 979.06	52.42	–	38.80	-39.89	51.33	-95.26	-43.93	-13	30.93
High Channel (1 907.5 MHz)									
Below 1 000.00	Not detected	–	–	–	–	–	–	–	–
Above 1 000.00	Not detected	–	–	–	–	–	–	–	–

12A-n25A



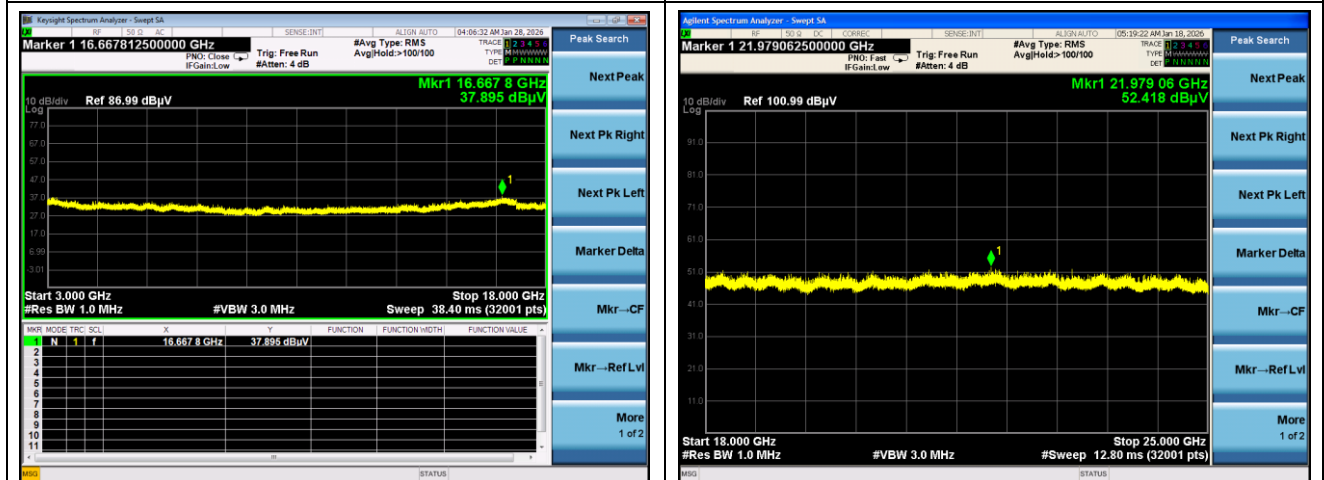
9 kHz – 150 kHz

150 kHz – 30 MHz



30 MHz – 1 GHz

1 GHz – 3 GHz



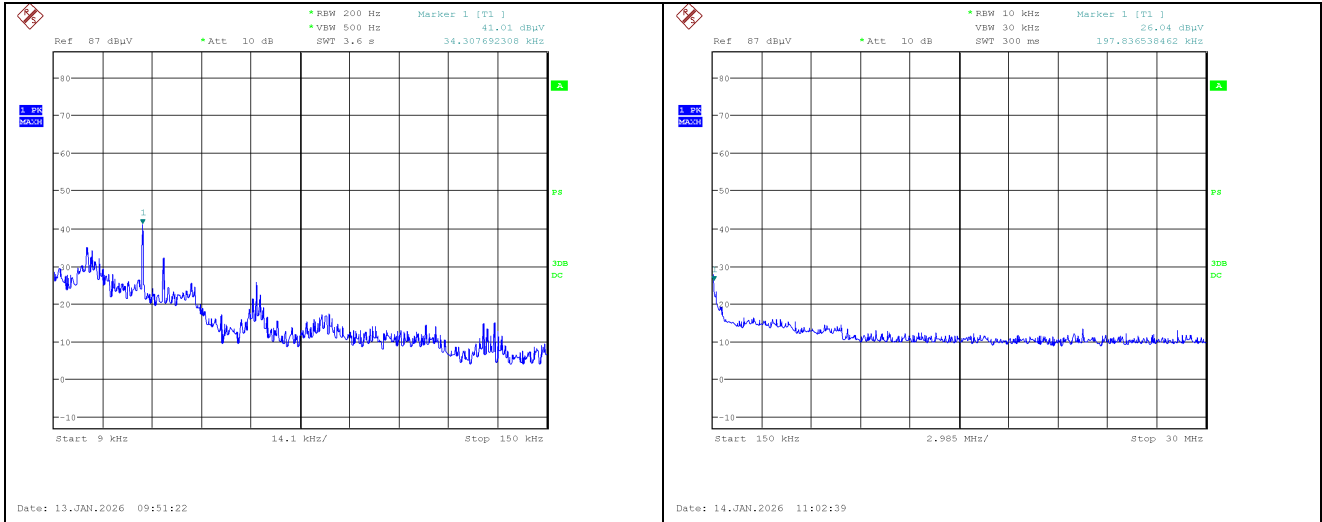
3 GHz – 18 GHz

18 GHz – 25 GHz

14A-n66A (10 MHz - DFT-S-OFDM BPSK)

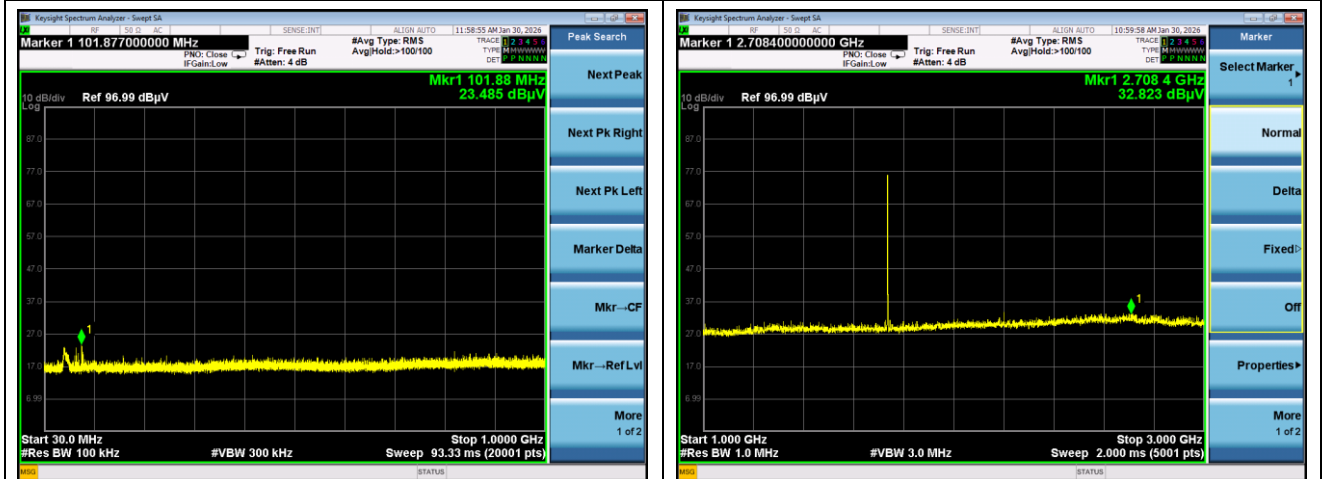
Frequency (MHz)	Measured Level (dB μ V)	Ant. Pol.	AF (dB/m)	AMP+CL (dB)	E (dB μ V/m)	CF (dB)	E.I.R.P. (dB m)	Limit (dB m)	Margin (dB)
Low Channel (1 717.5 MHz)									
Below 1 000.00	Not detected	-	-	-	-	-	-	-	-
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-
Middle Channel (1 745.0 MHz)									
**0.034	41.01	-	18.29	0.03	59.33	-95.26	-35.93	-13	22.93
**0.198	26.04	-	18.05	0.07	44.16	-95.26	-51.10	-13	38.10
**101.88	23.49	-	18.09	1.51	43.09	-95.26	-52.17	-13	39.17
**16 755.00	38.02	-	41.90	-17.15	62.77	-95.26	-32.49	-13	19.49
**24 158.63	52.66	-	38.86	-37.08	54.44	-95.26	-40.82	-13	27.82
High Channel (1 772.5 MHz)									
Below 1 000.00	Not detected	-	-	-	-	-	-	-	-
Above 1 000.00	Not detected	-	-	-	-	-	-	-	-

14A-n66A



9 kHz – 150 kHz

150 kHz – 30 MHz



30 MHz – 1 GHz

1 GHz – 3 GHz



3 GHz – 18 GHz

18 GHz – 30 GHz

66A-n71A (5 MHz - DFT-S-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 (665.5 MHz)									
1 326.93	58.30	H	25.10	-34.82	48.58	-97.41	-48.83	-13	35.83
Above 1 400.00	Not detected	—	—	—	—	—	—	—	—
Middle Channel (680.5 MHz)									
1 357.03	60.67	H	25.09	-34.64	51.12	-97.41	-46.29	-13	33.29
2 035.49	46.03	H	27.74	-33.33	40.44	-97.41	-56.97	-13	43.97
Above 2 100.00	Not detected	—	—	—	—	—	—	—	—
High Channel (695.5 MHz)									
1 386.93	60.28	H	25.03	-34.33	50.98	-97.41	-46.43	-13	33.43
2 080.44	52.77	V	27.86	-32.62	48.01	-97.41	-49.40	-13	36.40
Above 2 100.00	Not detected	—	—	—	—	—	—	—	—

Remark;

1. AF = Antenna Factor, CL = Cable Loss, CF = Conversion Factor.
2. E (dBμV/m) = Measured Level (dBμV) + Antenna Factor (dB/m) + AMP (dB) + Cable Loss (dB).
3. E.I.R.P. (dB m) = E (dBμV/m) + CF (dB).
4. E.R.P. (dB m) = E (dBμV/m) + CF (dB) - 2.15 (dB); where E.R.P. and E.I.R.P. are expressed in consistent units.
5. CF (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.
7. '***' means the noise level.
8. To verify compliance with the limit in cases where no spurious emissions were detected, the noise level was reported for only one channel.

3. Conducted Output Power

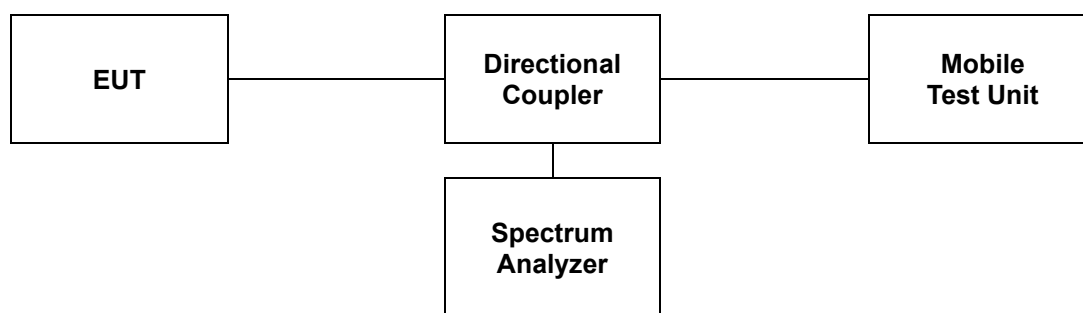
3.1. Limit

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. 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 %

NR Band 7														
Ant. Gain							0.22 dB i							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	500500 (2 502.5 MHz)		507000 (2 535.0 MHz)		513500 (2 567.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	5	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.58	0.181	22.60	0.182	22.56	0.180	22.85	0.193
			QPSK		1	1	22.58	0.181	22.59	0.182	22.55	0.180		
			16QAM		1	1	21.48	0.141	<u>21.50</u>	0.141	21.45	0.140		
			64QAM		1	1	20.09	0.102	20.07	0.102	20.02	0.100		
			256QAM		1	1	18.02	0.063	17.84	0.061	17.98	0.063		
			BPSK	Inner_1RB Right	1	23	22.60	0.182	<u>22.63</u>	0.183	22.58	0.181		
			QPSK		1	23	<u>22.62</u>	0.183	22.61	0.182	22.58	0.181		
			BPSK	Inner_Full	12	6	22.61	0.182	22.60	0.182	22.58	0.181		
			QPSK		12	6	22.59	0.182	22.61	0.182	22.57	0.181		
			BPSK	Outer_Full	25	0	21.62	0.145	21.62	0.145	21.60	0.145		
			QPSK		25	0	21.62	0.145	21.63	0.146	21.60	0.145		
			BPSK	Edge_1RB Left	1	0	21.63	0.146	21.63	0.146	21.58	0.144		
			QPSK		1	0	21.64	0.146	21.63	0.146	21.58	0.144		
			BPSK	Edge_Full Left	2	0	21.62	0.145	21.62	0.145	21.58	0.144		
			QPSK		2	0	21.62	0.145	21.63	0.146	21.58	0.144		
			BPSK	Edge_1RB Right	1	24	21.64	0.146	21.64	0.146	21.60	0.145		
			QPSK		1	24	21.64	0.146	21.64	0.146	21.60	0.145		
			BPSK	Edge_Full Right	2	23	21.64	0.146	21.64	0.146	21.59	0.144		
			QPSK		2	23	21.63	0.146	21.65	0.146	21.60	0.145		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	<u>21.13</u>	0.130	21.09	0.129	21.05	0.127	21.35	0.136
			16QAM		1	1	<u>20.65</u>	0.116	20.58	0.114	20.54	0.113		

NR Band 7														
Ant. Gain							0.22 dBi							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	501000 (2 505.0 MHz)		507000 (2 535.0 MHz)		513000 (2 565.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	10	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.52	0.179	<u>22.63</u>	0.183	22.52	0.179	22.86	0.193
			QPSK		1	1	22.51	0.178	22.63	0.183	22.51	0.178		
			16QAM		1	1	21.41	0.138	<u>21.52</u>	0.142	21.41	0.138		
			64QAM		1	1	19.98	0.100	20.10	0.102	19.97	0.099		
			256QAM		1	1	17.92	0.062	18.05	0.064	17.94	0.062		
			BPSK	Inner_1RB Right	1	50	22.54	0.179	22.63	0.183	22.56	0.180		
			QPSK		1	50	22.53	0.179	22.63	0.183	22.55	0.180		
			BPSK	Inner_Full	25	12	22.53	0.179	22.63	0.183	22.52	0.179		
			QPSK		25	12	22.53	0.179	<u>22.64</u>	0.184	22.53	0.179		
			BPSK	Outer_Full	50	0	21.55	0.143	21.64	0.146	21.54	0.143		
			QPSK		50	0	21.54	0.143	21.63	0.146	21.53	0.142		
			BPSK	Edge_1RB Left	1	0	21.53	0.142	21.64	0.146	21.53	0.142		
			QPSK		1	0	21.54	0.143	21.66	0.147	21.54	0.143		
			BPSK	Edge_Full Left	2	0	21.53	0.142	21.65	0.146	21.53	0.142		
			QPSK		2	0	21.53	0.142	21.65	0.146	21.54	0.143		
			BPSK	Edge_1RB Right	1	51	21.56	0.143	21.65	0.146	21.57	0.144		
			QPSK		1	51	21.58	0.144	21.67	0.147	21.57	0.144		
			BPSK	Edge_Full Right	2	50	21.57	0.144	21.66	0.147	21.57	0.144		
			QPSK		2	50	21.56	0.143	21.66	0.147	21.56	0.143		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	20.99	0.126	<u>21.16</u>	0.131	21.03	0.127	21.38	0.137
			16QAM		1	1	20.49	0.112	<u>20.65</u>	0.116	20.56	0.114		

NR Band 7														
Ant. Gain							0.22 dB i							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	501500 (2 507.5 MHz)		507000 (2 535.0 MHz)		512500 (2 562.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.58	0.181	22.60	0.182	<u>22.68</u>	0.185	22.90	0.195
			QPSK		1	1	22.57	0.181	22.60	0.182	<u>22.68</u>	0.185		
			16QAM		1	1	21.49	0.141	21.51	0.142	<u>21.57</u>	0.144		
			64QAM		1	1	20.04	0.101	20.10	0.102	20.14	0.103		
			256QAM		1	1	18.02	0.063	17.78	0.060	17.93	0.062		
			BPSK	Inner_1RB Right	1	77	22.58	0.181	22.64	0.184	22.65	0.184		
			QPSK		1	77	22.59	0.182	22.65	0.184	22.64	0.184		
			BPSK	Inner_Full	36	18	22.61	0.182	22.63	0.183	22.63	0.183		
			QPSK		36	18	22.61	0.182	22.62	0.183	22.63	0.183		
			BPSK	Outer_Full	75	0	21.63	0.146	21.66	0.147	21.64	0.146		
			QPSK		75	0	21.61	0.145	21.66	0.147	21.65	0.146		
			BPSK	Edge_1RB Left	1	0	21.59	0.144	21.61	0.145	21.69	0.148		
			QPSK		1	0	21.61	0.145	21.63	0.146	21.69	0.148		
			BPSK	Edge_Full Left	2	0	21.60	0.145	21.62	0.145	21.68	0.147		
			QPSK		2	0	21.60	0.145	21.62	0.145	21.69	0.148		
			BPSK	Edge_1RB Right	1	78	21.60	0.145	21.67	0.147	21.67	0.147		
			QPSK		1	78	21.61	0.145	21.68	0.147	21.66	0.147		
			BPSK	Edge_Full Right	2	77	21.60	0.145	21.67	0.147	21.67	0.147		
			QPSK		2	77	21.60	0.145	21.67	0.147	21.66	0.147		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.04	0.127	21.07	0.128	<u>21.16</u>	0.131	21.38	0.137
			16QAM		1	1	20.52	0.113	20.56	0.114	<u>20.75</u>	0.119		

NR Band 7														
Ant. Gain							0.22 dBi							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	502000 (2 510.0 MHz)		507000 (2 535.0 MHz)		512000 (2 560.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	20	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.64	0.184	22.61	0.182	<u>22.67</u>	0.185	22.90	0.195
			QPSK		1	1	22.62	0.183	22.59	0.182	<u>22.68</u>	0.185		
			16QAM		1	1	21.54	0.143	21.50	0.141	<u>21.57</u>	0.144		
			64QAM		1	1	20.09	0.102	20.07	0.102	20.13	0.103		
			256QAM		1	1	18.08	0.064	18.04	0.064	18.11	0.065		
			BPSK	Inner_1RB Right	1	104	22.61	0.182	22.65	0.184	22.62	0.183		
			QPSK		1	104	22.59	0.182	22.65	0.184	22.61	0.182		
			BPSK	Inner_Full	50	25	22.67	0.185	22.64	0.184	22.61	0.182		
			QPSK		50	25	22.67	0.185	22.63	0.183	22.60	0.182		
			BPSK	Outer_Full	100	0	21.67	0.147	21.64	0.146	21.63	0.146		
			QPSK		100	0	21.67	0.147	21.64	0.146	21.62	0.145		
			BPSK	Edge_1RB Left	1	0	21.65	0.146	21.61	0.145	21.69	0.148		
			QPSK		1	0	21.67	0.147	21.62	0.145	21.70	0.148		
			BPSK	Edge_Full Left	2	0	21.66	0.147	21.61	0.145	21.69	0.148		
			QPSK		2	0	21.64	0.146	21.62	0.145	21.69	0.148		
			BPSK	Edge_1RB Right	1	105	21.62	0.145	21.66	0.147	21.62	0.145		
			QPSK		1	105	21.61	0.145	21.66	0.147	21.62	0.145		
			BPSK	Edge_Full Right	2	104	21.62	0.145	21.67	0.147	21.62	0.145		
			QPSK		2	104	21.61	0.145	21.67	0.147	21.63	0.146		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.13	0.130	21.07	0.128	<u>21.16</u>	0.131	21.38	0.137
			16QAM		1	1	<u>20.70</u>	0.117	20.55	0.114	20.62	0.115		

NR Band 7														
Ant. Gain							0.22 dB i							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	502500 (2 512.5 MHz)		507000 (2 535.0 MHz)		511500 (2 557.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	25	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	<u>22.71</u>	0.187	22.61	0.182	22.67	0.185	22.93	0.196
			QPSK		1	1	22.67	0.185	22.60	0.182	22.65	0.184		
			16QAM		1	1	<u>21.58</u>	0.144	21.52	0.142	21.57	0.144		
			64QAM		1	1	20.15	0.104	20.09	0.102	20.12	0.103		
			256QAM		1	1	18.12	0.065	18.05	0.064	18.08	0.064		
			BPSK	Inner_1RB Right	1	131	22.60	0.182	22.63	0.183	22.58	0.181		
			QPSK		1	131	22.60	0.182	22.64	0.184	22.58	0.181		
			BPSK	Inner_Full	64	32	22.70	0.186	22.65	0.184	22.59	0.182		
			QPSK		64	32	<u>22.70</u>	0.186	22.65	0.184	22.59	0.182		
			BPSK	Outer_Full	128	0	21.71	0.148	21.64	0.146	21.60	0.145		
			QPSK		128	0	21.70	0.148	21.65	0.146	21.60	0.145		
			BPSK	Edge_1RB Left	1	0	21.71	0.148	21.63	0.146	21.69	0.148		
			QPSK		1	0	21.71	0.148	21.64	0.146	21.69	0.148		
			BPSK	Edge_Full Left	2	0	21.71	0.148	21.64	0.146	21.69	0.148		
			QPSK		2	0	21.71	0.148	21.64	0.146	21.68	0.147		
			BPSK	Edge_1RB Right	1	132	21.61	0.145	21.64	0.146	21.60	0.145		
			QPSK		1	132	21.63	0.146	21.65	0.146	21.61	0.145		
			BPSK	Edge_Full Right	2	131	21.63	0.146	21.65	0.146	21.60	0.145		
			QPSK		2	131	21.63	0.146	21.66	0.147	21.60	0.145		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.16	0.131	21.07	0.128	<u>21.18</u>	0.131	21.40	0.138
			16QAM		1	1	20.61	0.115	20.55	0.114	<u>20.68</u>	0.117		

NR Band 7														
Ant. Gain							0.22 dB i							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	503000 (2 515.0 MHz)		507000 (2 535.0 MHz)		511000 (2 555.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	30	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.58	0.181	22.61	0.182	22.63	0.183	22.88	0.194
			QPSK		1	1	22.57	0.181	22.62	0.183	22.63	0.183		
			16QAM		1	1	21.48	0.141	21.52	0.142	<u>21.53</u>	0.142		
			64QAM		1	1	20.05	0.101	20.10	0.102	20.11	0.103		
			256QAM		1	1	18.01	0.063	17.88	0.061	18.05	0.064		
			BPSK	Inner_1RB Right	1	158	22.55	0.180	22.62	0.183	22.56	0.180		
			QPSK		1	158	22.55	0.180	22.61	0.182	22.56	0.180		
			BPSK	Inner_Full	80	40	22.60	0.182	<u>22.66</u>	0.185	22.58	0.181		
			QPSK		80	40	22.61	0.182	<u>22.66</u>	0.185	22.58	0.181		
			BPSK	Outer_Full	160	0	21.60	0.145	21.65	0.146	21.59	0.144		
			QPSK		160	0	21.60	0.145	21.65	0.146	21.59	0.144		
			BPSK	Edge_1RB Left	1	0	21.58	0.144	21.63	0.146	21.63	0.146		
			QPSK		1	0	21.60	0.145	21.63	0.146	21.65	0.146		
			BPSK	Edge_Full Left	2	0	21.60	0.145	21.64	0.146	21.64	0.146		
			QPSK		2	0	21.59	0.144	21.63	0.146	21.64	0.146		
			BPSK	Edge_1RB Right	1	159	21.58	0.144	21.65	0.146	21.57	0.144		
			QPSK		1	159	21.59	0.144	21.66	0.147	21.58	0.144		
			BPSK	Edge_Full Right	2	158	21.58	0.144	21.65	0.146	21.58	0.144		
			QPSK		2	158	21.57	0.144	21.64	0.146	21.58	0.144		
			CP- OFDM	QPSK	Inner_1RB Left	1	1	21.05	0.127	21.07	0.128	<u>21.09</u>		
		16QAM		1		1	20.50	0.112	20.55	0.114	<u>20.55</u>	0.114		

NR Band 7														
Ant. Gain							0.22 dBi							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	503500 (2 517.5 MHz)		507000 (2 535.0 MHz)		510500 (2 552.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	35	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.47	0.177	22.40	0.174	<u>22.56</u>	0.180	22.78	0.190
			QPSK		1	1	22.45	0.176	22.38	0.173	<u>22.54</u>	0.179		
			16QAM		1	1	21.37	0.137	21.36	0.137	<u>21.46</u>	0.140		
			64QAM		1	1	19.96	0.099	19.83	0.096	20.12	0.103		
			256QAM		1	1	17.90	0.062	17.75	0.060	17.97	0.063		
			BPSK	Inner_1RB Right	1	186	22.34	0.171	22.29	0.169	22.29	0.169		
			QPSK		1	186	22.33	0.171	22.28	0.169	22.30	0.170		
			BPSK	Inner_Full	96	47	21.91	0.155	21.89	0.155	21.91	0.155		
			QPSK		96	47	21.41	0.138	21.43	0.139	21.45	0.140		
			BPSK	Outer_Full	180	0	21.90	0.155	21.86	0.153	21.93	0.156		
			QPSK		180	0	21.37	0.137	21.37	0.137	21.47	0.140		
			BPSK	Edge_1RB Left	1	0	21.92	0.156	21.87	0.154	22.03	0.160		
			QPSK		1	0	21.49	0.141	21.40	0.138	21.42	0.139		
			BPSK	Edge_Full Left	2	0	21.95	0.157	21.89	0.155	22.01	0.159		
			QPSK		2	0	21.48	0.141	21.41	0.138	21.55	0.143		
			BPSK	Edge_1RB Right	1	187	21.87	0.154	21.82	0.152	21.81	0.152		
			QPSK		1	187	21.37	0.137	21.30	0.135	21.33	0.136		
			BPSK	Edge_Full Right	2	186	21.84	0.153	21.82	0.152	21.80	0.151		
			QPSK		2	186	21.36	0.137	21.34	0.136	21.31	0.135		
			CP- OFDM	QPSK	Inner_1RB Left	1	1	20.94	0.124	20.82	0.121	<u>21.05</u>		
		16QAM		1		1	<u>20.52</u>	0.113	20.30	0.107	20.42	0.110		

NR Band 7														
Ant. Gain							0.22 dB i							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	504000 (2 520.0 MHz)		507000 (2 535.0 MHz)		510000 (2 550.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	40	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.66	0.185	22.63	0.183	22.68	0.185	22.91	0.195
			QPSK		1	1	22.66	0.185	22.63	0.183	22.67	0.185		
			16QAM		1	1	21.56	0.143	21.53	0.142	<u>21.57</u>	0.144		
			64QAM		1	1	20.14	0.103	20.11	0.103	20.16	0.104		
			256QAM		1	1	18.11	0.065	17.90	0.062	18.11	0.065		
			BPSK	Inner_1RB Right	1	214	22.60	0.182	22.55	0.180	22.56	0.180		
			QPSK		1	214	22.60	0.182	22.55	0.180	22.57	0.181		
			BPSK	Inner_Full	108	54	22.65	0.184	22.65	0.184	<u>22.69</u>	0.186		
			QPSK		108	54	22.66	0.185	22.66	0.185	<u>22.69</u>	0.186		
			BPSK	Outer_Full	216	0	21.64	0.146	21.64	0.146	21.69	0.148		
			QPSK		216	0	21.64	0.146	21.64	0.146	21.70	0.148		
			BPSK	Edge_1RB Left	1	0	21.69	0.148	21.64	0.146	21.69	0.148		
			QPSK		1	0	21.69	0.148	21.64	0.146	21.70	0.148		
			BPSK	Edge_Full Left	2	0	21.67	0.147	21.64	0.146	21.68	0.147		
			QPSK		2	0	21.68	0.147	21.64	0.146	21.69	0.148		
			BPSK	Edge_1RB Right	1	215	21.60	0.145	21.59	0.144	21.58	0.144		
			QPSK		1	215	21.62	0.145	21.58	0.144	21.58	0.144		
			BPSK	Edge_Full Right	2	214	21.62	0.145	21.58	0.144	21.58	0.144		
			QPSK		2	214	21.62	0.145	21.58	0.144	21.58	0.144		
			CP- OFDM	QPSK	Inner_1RB Left	1	1	21.11	0.129	21.09	0.129	<u>21.15</u>		
		16QAM		1		1	20.60	0.115	20.55	0.114	<u>20.64</u>	0.116		

NR Band 7														
Ant. Gain						0.22 dB i								
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	505000 (2 525.0 MHz)		507000 (2 535.0 MHz)		509000 (2 545.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	50	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	<u>22.34</u>	0.171	22.33	0.171	22.28	0.169	22.56	0.180
			QPSK		1	1	22.30	0.170	<u>22.31</u>	0.170	22.25	0.168		
			16QAM		1	1	<u>21.22</u>	0.132	21.21	0.132	21.15	0.130		
			64QAM		1	1	19.81	0.096	19.78	0.095	19.73	0.094		
			256QAM		1	1	17.76	0.060	19.96	0.099	17.69	0.059		
			BPSK	Inner_1RB Right	1	268	22.19	0.166	22.12	0.163	22.07	0.161		
			QPSK		1	268	22.16	0.164	22.07	0.161	22.02	0.159		
			BPSK	Inner_Full	135	67	22.20	0.166	22.27	0.169	22.20	0.166		
			QPSK		135	67	22.24	0.167	22.30	0.170	22.19	0.166		
			BPSK	Outer_Full	270	0	21.20	0.132	21.24	0.133	21.19	0.132		
			QPSK		270	0	21.21	0.132	21.27	0.134	21.18	0.131		
			BPSK	Edge_1RB Left	1	0	21.34	0.136	21.33	0.136	21.28	0.134		
			QPSK		1	0	21.32	0.136	21.32	0.136	21.28	0.134		
			BPSK	Edge_Full Left	2	0	21.37	0.137	21.34	0.136	21.29	0.135		
			QPSK		2	0	21.32	0.136	21.31	0.135	21.29	0.135		
			BPSK	Edge_1RB Right	1	269	21.15	0.130	21.05	0.127	21.03	0.127		
			QPSK		1	269	21.13	0.130	21.06	0.128	21.03	0.127		
			BPSK	Edge_Full Right	2	268	21.14	0.130	21.05	0.127	21.02	0.126		
			QPSK		2	268	21.13	0.130	21.09	0.129	21.02	0.126		
			CP- OFDM	QPSK	Inner_1RB Left	1	1	20.77	0.119	<u>20.81</u>	0.121	20.78		
		16QAM		1		1	20.23	0.105	<u>20.33</u>	0.108	20.33	0.108		

NR Band 12														
Ant. Gain							-4.13 dB i							
Limit: 30W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	140300 (701.5 MHz)		141500 (707.5 MHz)		142700 (713.5 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	5	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.51	0.224	23.44	0.221	23.42	0.220	17.31	0.054
			QPSK		1	1	23.48	0.223	23.43	0.220	23.41	0.219		
			16QAM		1	1	<u>22.39</u>	0.173	22.33	0.171	22.31	0.170		
			64QAM		1	1	20.95	0.124	20.93	0.124	20.88	0.122		
			256QAM		1	1	18.92	0.078	18.75	0.075	18.83	0.076		
			BPSK	Inner_1RB Right	1	23	<u>23.59</u>	0.229	23.53	0.225	23.45	0.221		
			QPSK		1	23	<u>23.57</u>	0.228	23.51	0.224	23.43	0.220		
			BPSK	Inner_Full	12	6	23.56	0.227	23.47	0.222	23.41	0.219		
			QPSK		12	6	23.56	0.227	23.46	0.222	23.41	0.219		
			BPSK	Outer_Full	25	0	22.59	0.182	22.49	0.177	22.43	0.175		
			QPSK		25	0	22.58	0.181	22.50	0.178	22.45	0.176		
			BPSK	Edge_1RB Left	1	0	22.49	0.177	22.45	0.176	22.42	0.175		
			QPSK		1	0	22.49	0.177	22.45	0.176	22.42	0.175		
			BPSK	Edge_Full Left	2	0	22.48	0.177	22.44	0.175	22.41	0.174		
			QPSK		2	0	22.48	0.177	22.44	0.175	22.41	0.174		
			BPSK	Edge_1RB Right	1	24	22.60	0.182	22.54	0.179	22.46	0.176		
			QPSK		1	24	22.60	0.182	22.53	0.179	22.45	0.176		
			BPSK	Edge_Full Right	2	23	22.59	0.182	22.53	0.179	22.45	0.176		
			QPSK		2	23	22.59	0.182	22.54	0.179	22.44	0.175		
			CP- OFDM	QPSK	Inner_1RB Left	1	1	<u>21.94</u>	0.156	21.88	0.154	21.86		
		16QAM		1		1	<u>21.50</u>	0.141	21.38	0.137	21.45	0.140		

NR Band 12														
Ant. Gain							-4.13 dBi							
Limit: 30W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	140800 (704.0 MHz)		141500 (707.5 MHz)		142200 (711.0 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	10	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.47	0.222	23.41	0.219	23.34	0.216	17.39	0.055
			QPSK		1	1	23.45	0.221	23.40	0.219	23.33	0.215		
			16QAM		1	1	22.36	0.172	22.30	0.170	22.23	0.167		
			64QAM		1	1	20.93	0.124	20.86	0.122	20.80	0.120		
			256QAM		1	1	18.87	0.077	18.83	0.076	18.78	0.076		
			BPSK	Inner_1RB Right	1	50	23.67	0.233	23.54	0.226	23.46	0.222		
			QPSK		1	50	23.66	0.232	23.54	0.226	23.44	0.221		
			BPSK	Inner_Full	25	12	23.54	0.226	23.46	0.222	23.40	0.219		
			QPSK		25	12	23.55	0.226	23.47	0.222	23.40	0.219		
			BPSK	Outer_Full	50	0	22.56	0.180	22.48	0.177	22.43	0.175		
			QPSK		50	0	22.56	0.180	22.49	0.177	22.42	0.175		
			BPSK	Edge_1RB Left	1	0	22.47	0.177	22.42	0.175	22.35	0.172		
			QPSK		1	0	22.46	0.176	22.42	0.175	22.34	0.171		
			BPSK	Edge_Full Left	2	0	22.46	0.176	22.40	0.174	22.34	0.171		
			QPSK		2	0	22.46	0.176	22.42	0.175	22.35	0.172		
			BPSK	Edge_1RB Right	1	51	22.68	0.185	22.56	0.180	22.47	0.177		
			QPSK		1	51	22.69	0.186	22.55	0.180	22.46	0.176		
			BPSK	Edge_Full Right	2	50	22.67	0.185	22.54	0.179	22.46	0.176		
			QPSK		2	50	22.67	0.185	22.54	0.179	22.46	0.176		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.89	0.155	21.89	0.155	21.79	0.151	15.54	0.036
			16QAM		1	1	21.38	0.137	21.35	0.136	21.26	0.134		

NR Band 12														
Ant. Gain							-4.13 dB i							
Limit: 30W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	141300 (706.5 MHz)		141500 (707.5 MHz)		141700 (708.5 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.37	0.217	23.37	0.217	23.36	0.217	17.36	0.054
			QPSK		1	1	23.37	0.217	23.35	0.216	23.34	0.216		
			16QAM		1	1	22.26	0.168	22.27	0.169	22.25	0.168		
			64QAM		1	1	20.84	0.121	20.83	0.121	20.82	0.121		
			256QAM		1	1	18.79	0.076	18.78	0.076	18.77	0.075		
			BPSK	Inner_1RB Right	1	77	23.64	0.231	23.58	0.228	23.52	0.225		
			QPSK		1	77	23.60	0.229	23.55	0.226	23.50	0.224		
			BPSK	Inner_Full	36	18	23.50	0.224	23.45	0.221	23.44	0.221		
			QPSK		36	18	23.50	0.224	23.45	0.221	23.45	0.221		
			BPSK	Outer_Full	75	0	22.54	0.179	22.48	0.177	22.48	0.177		
			QPSK		75	0	22.52	0.179	22.49	0.177	22.47	0.177		
			BPSK	Edge_1RB Left	1	0	22.39	0.173	22.36	0.172	22.35	0.172		
			QPSK		1	0	22.38	0.173	22.35	0.172	22.35	0.172		
			BPSK	Edge_Full Left	2	0	22.37	0.173	22.36	0.172	22.36	0.172		
			QPSK		2	0	22.38	0.173	22.36	0.172	22.35	0.172		
			BPSK	Edge_1RB Right	1	78	22.65	0.184	22.59	0.182	22.53	0.179		
			QPSK		1	78	22.63	0.183	22.58	0.181	22.53	0.179		
			BPSK	Edge_Full Right	2	77	22.62	0.183	22.57	0.181	22.53	0.179		
			QPSK		2	77	22.62	0.183	22.57	0.181	22.53	0.179		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.82	0.152	21.79	0.151	21.81	0.152	15.54	0.036
			16QAM		1	1	21.37	0.137	21.37	0.137	21.34	0.136		

NR Band 25/2														
Ant. Gain							0.46 dBi							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	370500 (1 852.5 MHz)		376500 (1 882.5 MHz)		382500 (1 912.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	5	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.57	0.181	22.71	0.187	22.62	0.183	23.18	0.208
			QPSK		1	1	22.58	0.181	22.69	0.186	22.59	0.182		
			16QAM		1	1	21.50	0.141	<u>21.60</u>	0.145	21.51	0.142		
			64QAM		1	1	20.06	0.101	20.17	0.104	20.08	0.102		
			256QAM		1	1	17.99	0.063	17.86	0.061	17.80	0.060		
			BPSK	Inner_1RB Right	1	23	22.65	0.184	<u>22.72</u>	0.187	22.62	0.183		
			QPSK		1	23	22.65	0.184	<u>22.72</u>	0.187	22.60	0.182		
			BPSK	Inner_Full	12	6	22.61	0.182	22.70	0.186	22.55	0.180		
			QPSK		12	6	22.59	0.182	22.68	0.185	22.56	0.180		
			BPSK	Outer_Full	25	0	21.62	0.145	21.69	0.148	21.58	0.144		
			QPSK		25	0	21.62	0.145	21.72	0.149	21.58	0.144		
			BPSK	Edge_1RB Left	1	0	21.57	0.144	21.73	0.149	21.62	0.145		
			QPSK		1	0	21.58	0.144	21.72	0.149	21.63	0.146		
			BPSK	Edge_Full Left	2	0	21.58	0.144	21.72	0.149	21.63	0.146		
			QPSK		2	0	21.58	0.144	21.72	0.149	21.62	0.145		
			BPSK	Edge_1RB Right	1	24	21.64	0.146	21.73	0.149	21.62	0.145		
			QPSK		1	24	21.66	0.147	21.74	0.149	21.62	0.145		
			BPSK	Edge_Full Right	2	23	21.64	0.146	21.73	0.149	21.61	0.145		
			QPSK		2	23	21.65	0.146	21.73	0.149	21.62	0.145		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.09	0.129	<u>21.15</u>	0.130	21.03	0.127	21.61	0.145
			16QAM		1	1	20.59	0.115	<u>20.63</u>	0.116	20.51	0.112		

NR Band 25/2														
Ant. Gain							0.46 dB i							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	371000 (1 855.0 MHz)		376500 (1 882.5 MHz)		382000 (1 910.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	10	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.66	0.185	22.71	0.187	22.67	0.185	23.18	0.208
			QPSK		1	1	22.66	0.185	22.69	0.186	22.67	0.185		
			16QAM		1	1	21.54	0.143	<u>21.61</u>	0.145	21.58	0.144		
			64QAM		1	1	20.11	0.103	20.16	0.104	20.14	0.103		
			256QAM		1	1	17.90	0.062	18.12	0.065	17.87	0.061		
			BPSK	Inner_1RB Right	1	50	22.71	0.187	<u>22.72</u>	0.187	22.64	0.184		
			QPSK		1	50	22.71	0.187	22.70	0.186	22.62	0.183		
			BPSK	Inner_Full	25	12	22.70	0.186	22.71	0.187	22.64	0.184		
			QPSK		25	12	<u>22.72</u>	0.187	22.70	0.186	22.64	0.184		
			BPSK	Outer_Full	50	0	21.73	0.149	21.71	0.148	21.64	0.146		
			QPSK		50	0	21.73	0.149	21.72	0.149	21.65	0.146		
			BPSK	Edge_1RB Left	1	0	21.67	0.147	21.72	0.149	21.68	0.147		
			QPSK		1	0	21.68	0.147	21.72	0.149	21.70	0.148		
			BPSK	Edge_Full Left	2	0	21.67	0.147	21.72	0.149	21.69	0.148		
			QPSK		2	0	21.66	0.147	21.72	0.149	21.69	0.148		
			BPSK	Edge_1RB Right	1	51	21.72	0.149	21.72	0.149	21.65	0.146		
			QPSK		1	51	21.72	0.149	21.71	0.148	21.64	0.146		
			BPSK	Edge_Full Right	2	50	21.72	0.149	21.72	0.149	21.64	0.146		
			QPSK		2	50	21.71	0.148	21.72	0.149	21.64	0.146		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.11	0.129	<u>21.20</u>	0.132	21.16	0.131	21.66	0.147
			16QAM		1	1	20.71	0.118	<u>20.76</u>	0.119	20.61	0.115		

NR Band 25/2														
Ant. Gain							0.46 dBi							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	371500 (1 857.5 MHz)		376500 (1 882.5 MHz)		381500 (1 907.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.65	0.184	22.70	0.186	22.66	0.185	23.19	0.208
			QPSK		1	1	22.64	0.184	22.67	0.185	22.66	0.185		
			16QAM		1	1	21.53	0.142	21.57	0.144	<u>21.58</u>	0.144		
			64QAM		1	1	20.11	0.103	20.14	0.103	20.12	0.103		
			256QAM		1	1	18.06	0.064	18.10	0.065	18.09	0.064		
			BPSK	Inner_1RB Right	1	77	22.74	0.188	<u>22.78</u>	0.190	22.68	0.185		
			QPSK		1	77	22.73	0.187	<u>22.75</u>	0.188	22.66	0.185		
			BPSK	Inner_Full	36	18	22.72	0.187	22.69	0.186	22.71	0.187		
			QPSK		36	18	22.72	0.187	22.69	0.186	22.70	0.186		
			BPSK	Outer_Full	75	0	21.72	0.149	21.70	0.148	21.71	0.148		
			QPSK		75	0	21.73	0.149	21.70	0.148	21.71	0.148		
			BPSK	Edge_1RB Left	1	0	21.63	0.146	21.69	0.148	21.68	0.147		
			QPSK		1	0	21.64	0.146	21.70	0.148	21.68	0.147		
			BPSK	Edge_Full Left	2	0	21.64	0.146	21.71	0.148	21.69	0.148		
			QPSK		2	0	21.64	0.146	21.70	0.148	21.69	0.148		
			BPSK	Edge_1RB Right	1	78	21.71	0.148	21.73	0.149	21.68	0.147		
			QPSK		1	78	21.72	0.149	21.73	0.149	21.67	0.147		
			BPSK	Edge_Full Right	2	77	21.71	0.148	21.71	0.148	21.66	0.147		
			QPSK		2	77	21.72	0.149	21.72	0.149	21.67	0.147		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.11	0.129	21.14	0.130	<u>21.16</u>	0.131	21.62	0.145
			16QAM		1	1	20.57	0.114	20.62	0.115	<u>20.73</u>	0.118		

NR Band 25/2														
Ant. Gain							0.46 dBi							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	372000 (1 860.0 MHz)		376500 (1 882.5 MHz)		381000 (1 905.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	20	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.61	0.182	22.69	0.186	22.67	0.185	23.16	0.207
			QPSK		1	1	22.61	0.182	22.68	0.185	22.65	0.184		
			16QAM		1	1	21.51	0.142	<u>21.58</u>	0.144	21.55	0.143		
			64QAM		1	1	20.06	0.101	20.14	0.103	20.11	0.103		
			256QAM		1	1	18.05	0.064	18.08	0.064	18.09	0.064		
			BPSK	Inner_1RB Right	1	104	22.67	0.185	<u>22.70</u>	0.186	22.67	0.185		
			QPSK		1	104	22.68	0.185	22.67	0.185	22.66	0.185		
			BPSK	Inner_Full	50	25	22.68	0.185	22.69	0.186	22.69	0.186		
			QPSK		50	25	22.67	0.185	<u>22.70</u>	0.186	22.68	0.185		
			BPSK	Outer_Full	100	0	21.69	0.148	21.70	0.148	22.70	0.186		
			QPSK		100	0	21.68	0.147	21.70	0.148	22.69	0.186		
			BPSK	Edge_1RB Left	1	0	21.61	0.145	21.69	0.148	21.67	0.147		
			QPSK		1	0	21.62	0.145	21.71	0.148	21.67	0.147		
			BPSK	Edge_Full Left	2	0	21.61	0.145	21.69	0.148	21.68	0.147		
			QPSK		2	0	21.61	0.145	21.70	0.148	21.68	0.147		
			BPSK	Edge_1RB Right	1	105	21.68	0.147	21.68	0.147	21.68	0.147		
			QPSK		1	105	21.69	0.148	21.68	0.147	21.69	0.148		
			BPSK	Edge_Full Right	2	104	21.66	0.147	21.68	0.147	21.69	0.148		
			QPSK		2	104	21.68	0.147	21.68	0.147	21.67	0.147		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.07	0.128	<u>21.17</u>	0.131	21.14	0.130	21.63	0.146
			16QAM		1	1	20.54	0.113	<u>20.74</u>	0.119	20.58	0.114		

NR Band 25/2														
Ant. Gain							0.46 dB i							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	372500 (1 862.5 MHz)		376500 (1 882.5 MHz)		380500 (1 902.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	25	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.57	0.181	22.61	0.182	22.60	0.182	23.18	0.208
			QPSK		1	1	22.58	0.181	22.69	0.186	22.60	0.182		
			16QAM		1	1	21.55	0.143	<u>21.59</u>	0.144	21.46	0.140		
			64QAM		1	1	20.00	0.100	20.17	0.104	20.07	0.102		
			256QAM		1	1	17.81	0.060	18.14	0.065	18.03	0.064		
			BPSK	Inner_1RB Right	1	131	22.53	0.179	22.45	0.176	22.55	0.180		
			QPSK		1	131	22.64	0.184	22.66	0.185	22.62	0.183		
			BPSK	Inner_Full	64	32	22.70	0.186	<u>22.72</u>	0.187	22.64	0.184		
			QPSK		64	32	22.71	0.187	<u>22.71</u>	0.187	22.63	0.183		
			BPSK	Outer_Full	128	0	21.71	0.148	21.72	0.149	21.64	0.146		
			QPSK		128	0	21.73	0.149	21.75	0.150	21.64	0.146		
			BPSK	Edge_1RB Left	1	0	21.59	0.144	21.76	0.150	21.63	0.146		
			QPSK		1	0	21.59	0.144	21.74	0.149	21.75	0.150		
			BPSK	Edge_Full Left	2	0	21.60	0.145	21.73	0.149	21.62	0.145		
			QPSK		2	0	21.60	0.145	21.72	0.149	21.63	0.146		
			BPSK	Edge_1RB Right	1	132	21.67	0.147	21.71	0.148	21.63	0.146		
			QPSK		1	132	21.70	0.148	21.70	0.148	21.60	0.145		
			BPSK	Edge_Full Right	2	131	21.69	0.148	21.72	0.149	21.62	0.145		
			QPSK		2	131	21.67	0.147	21.71	0.148	21.65	0.146		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.03	0.127	<u>21.16</u>	0.131	21.07	0.128	21.62	0.145
			16QAM		1	1	20.49	0.112	<u>20.65</u>	0.116	20.55	0.114		

NR Band 25/2														
Ant. Gain							0.46 dB i							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	373000 (1 865.0 MHz)		376500 (1 882.5 MHz)		380000 (1 900.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	30	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.64	0.184	<u>22.65</u>	0.184	22.56	0.180	23.18	0.208
			QPSK		1	1	22.66	0.185	<u>22.72</u>	0.187	22.59	0.182		
			16QAM		1	1	21.53	0.142	<u>21.60</u>	0.145	21.45	0.140		
			64QAM		1	1	20.11	0.103	20.20	0.105	20.04	0.101		
			256QAM		1	1	18.05	0.064	17.90	0.062	17.76	0.060		
			BPSK	Inner_1RB Right	1	158	22.59	0.182	22.63	0.183	22.52	0.179		
			QPSK		1	158	22.69	0.186	22.70	0.186	22.62	0.183		
			BPSK	Inner_Full	80	40	22.52	0.179	22.55	0.180	22.53	0.179		
			QPSK		80	40	22.63	0.183	22.65	0.184	22.61	0.182		
			BPSK	Outer_Full	160	0	21.71	0.148	21.72	0.149	21.64	0.146		
			QPSK		160	0	21.71	0.148	21.72	0.149	21.64	0.146		
			BPSK	Edge_1RB Left	1	0	21.56	0.143	21.64	0.146	21.54	0.143		
			QPSK		1	0	21.64	0.146	21.64	0.146	21.50	0.141		
			BPSK	Edge_Full Left	2	0	20.05	0.101	20.09	0.102	20.16	0.104		
			QPSK		2	0	20.19	0.104	20.29	0.107	20.13	0.103		
			BPSK	Edge_1RB Right	1	159	21.79	0.151	21.73	0.149	21.69	0.148		
			QPSK		1	159	21.79	0.151	21.73	0.149	21.69	0.148		
			BPSK	Edge_Full Right	2	158	21.68	0.147	21.74	0.149	21.58	0.144		
			QPSK		2	158	21.71	0.148	21.72	0.149	21.64	0.146		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.08	0.128	<u>21.18</u>	0.131	21.08	0.128	21.64	0.146
			16QAM		1	1	20.56	0.114	<u>20.64</u>	0.116	20.54	0.113		

NR Band 25/2														
Ant. Gain							0.46 dB i							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	373500 (1 867.5 MHz)		376500 (1 882.5 MHz)		379500 (1 897.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	35	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.62	0.183	<u>22.67</u>	0.185	22.63	0.183	23.20	0.209
			QPSK		1	1	22.63	0.183	<u>22.74</u>	0.188	22.65	0.184		
			16QAM		1	1	21.60	0.145	<u>21.71</u>	0.148	21.58	0.144		
			64QAM		1	1	20.08	0.102	20.21	0.105	20.14	0.103		
			256QAM		1	1	17.88	0.061	17.99	0.063	18.09	0.064		
			BPSK	Inner_1RB Right	1	186	22.30	0.170	22.17	0.165	22.28	0.169		
			QPSK		1	186	22.68	0.185	22.69	0.186	22.61	0.182		
			BPSK	Inner_Full	96	47	21.69	0.148	21.74	0.149	21.74	0.149		
			QPSK		96	47	21.64	0.146	21.73	0.149	21.69	0.148		
			BPSK	Outer_Full	180	0	21.86	0.153	21.72	0.149	21.65	0.146		
			QPSK		180	0	21.85	0.153	21.70	0.148	21.65	0.146		
			BPSK	Edge_1RB Left	1	0	21.65	0.146	21.66	0.147	21.60	0.145		
			QPSK		1	0	21.53	0.142	21.67	0.147	20.73	0.118		
			BPSK	Edge_Full Left	2	0	21.22	0.132	21.10	0.129	21.13	0.130		
			QPSK		2	0	21.30	0.135	21.17	0.131	21.08	0.128		
			BPSK	Edge_1RB Right	1	187	21.77	0.150	21.73	0.149	21.74	0.149		
			QPSK		1	187	21.79	0.151	21.74	0.149	21.74	0.149		
			BPSK	Edge_Full Right	2	186	21.65	0.146	21.75	0.150	21.69	0.148		
			QPSK		2	186	21.86	0.153	21.72	0.149	21.65	0.146		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.11	0.129	<u>21.18</u>	0.131	21.13	0.130	21.64	0.146
			16QAM		1	1	20.65	0.116	<u>20.66</u>	0.116	20.60	0.115		

NR Band 25/2														
Ant. Gain							0.46 dBi							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	374000 (1 870.0 MHz)		376500 (1 882.5 MHz)		379000 (1 895.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	40	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.61	0.182	22.62	0.183	<u>22.63</u>	0.183	23.18	0.208
			QPSK		1	1	22.59	0.182	22.65	0.184	<u>22.72</u>	0.187		
			16QAM		1	1	21.48	0.141	<u>22.14</u>	0.164	21.60	0.145		
			64QAM		1	1	20.04	0.101	20.44	0.111	20.17	0.104		
			256QAM		1	1	17.76	0.060	18.14	0.065	18.15	0.065		
			BPSK	Inner_1RB Right	1	214	22.41	0.174	22.53	0.179	22.59	0.182		
			QPSK		1	214	22.65	0.184	22.69	0.186	22.65	0.184		
			BPSK	Inner_Full	108	54	21.74	0.149	21.74	0.149	21.76	0.150		
			QPSK		108	54	21.60	0.145	21.71	0.148	21.72	0.149		
			BPSK	Outer_Full	216	0	21.68	0.147	21.71	0.148	21.65	0.146		
			QPSK		216	0	21.67	0.147	21.71	0.148	21.67	0.147		
			BPSK	Edge_1RB Left	1	0	21.51	0.142	21.62	0.145	21.60	0.145		
			QPSK		1	0	21.61	0.145	21.62	0.145	21.63	0.146		
			BPSK	Edge_Full Left	2	0	21.21	0.132	21.35	0.136	21.45	0.140		
			QPSK		2	0	21.35	0.136	21.44	0.139	21.56	0.143		
			BPSK	Edge_1RB Right	1	215	21.76	0.150	21.72	0.149	21.74	0.149		
			QPSK		1	215	21.74	0.149	21.74	0.149	21.76	0.150		
			BPSK	Edge_Full Right	2	214	21.61	0.145	21.70	0.148	21.74	0.149		
			QPSK		2	214	21.68	0.147	21.71	0.148	21.65	0.146		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.01	0.126	21.16	0.131	<u>21.19</u>	0.132	21.65	0.146
			16QAM		1	1	20.51	0.112	20.62	0.115	<u>20.65</u>	0.116		

NR Band 25/2														
Ant. Gain							0.46 dB i							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	374500 (1 872.5 MHz)		376500 (1 882.5 MHz)		378500 (1 892.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	45	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.52	0.179	22.62	0.183	22.62	0.183	23.12	0.205
			QPSK		1	1	22.47	0.177	22.58	0.181	22.62	0.183		
			16QAM		1	1	21.45	0.140	21.51	0.142	<u>21.53</u>	0.142		
			64QAM		1	1	19.97	0.099	20.05	0.101	20.08	0.102		
			256QAM		1	1	17.99	0.063	18.04	0.064	18.05	0.064		
			BPSK	Inner_1RB Right	1	240	22.53	0.179	<u>22.66</u>	0.185	22.59	0.182		
			QPSK		1	240	22.53	0.179	<u>22.65</u>	0.184	22.53	0.179		
			BPSK	Inner_Full	120	60	22.62	0.183	22.59	0.182	22.58	0.181		
			QPSK		120	60	22.60	0.182	22.58	0.181	22.54	0.179		
			BPSK	Outer_Full	240	0	22.04	0.160	22.06	0.161	22.04	0.160		
			QPSK		240	0	21.57	0.144	21.59	0.144	21.58	0.144		
			BPSK	Edge_1RB Left	1	0	22.10	0.162	22.13	0.163	22.09	0.162		
			QPSK		1	0	21.52	0.142	21.60	0.145	21.61	0.145		
			BPSK	Edge_Full Left	2	0	22.03	0.160	22.10	0.162	22.07	0.161		
			QPSK		2	0	21.50	0.141	21.59	0.144	21.60	0.145		
			BPSK	Edge_1RB Right	1	241	22.09	0.162	22.16	0.164	22.09	0.162		
			QPSK		1	241	21.55	0.143	21.63	0.146	21.59	0.144		
			BPSK	Edge_Full Right	2	240	22.07	0.161	22.15	0.164	22.07	0.161		
			QPSK		2	240	21.53	0.142	21.62	0.145	21.58	0.144		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	20.94	0.124	<u>21.05</u>	0.127	21.04	0.127	21.51	0.142
			16QAM		1	1	20.45	0.111	<u>20.54</u>	0.113	20.54	0.113		

NR Band 26/5_Part 22														
Ant. Gain							0.60 dBi							
Limit: 7W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	165300 (826.5 MHz)		167300 (836.5 MHz)		169300 (846.5 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	5	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.88	0.244	23.91	0.246	23.83	0.242	22.39	0.173
			QPSK		1	1	23.86	0.243	23.89	0.245	23.80	0.240		
			16QAM		1	1	22.77	0.189	<u>22.79</u>	0.190	22.72	0.187		
			64QAM		1	1	21.35	0.136	21.37	0.137	21.28	0.134		
			256QAM		1	1	19.18	0.083	19.35	0.086	19.26	0.084		
			BPSK	Inner_1RB Right	1	23	<u>23.94</u>	0.248	23.88	0.244	23.71	0.235		
			QPSK		1	23	<u>23.91</u>	0.246	23.85	0.243	23.69	0.234		
			BPSK	Inner_Full	12	6	23.89	0.245	23.88	0.244	23.70	0.234		
			QPSK		12	6	23.88	0.244	23.88	0.244	23.71	0.235		
			BPSK	Outer_Full	25	0	22.91	0.195	22.89	0.195	22.73	0.187		
			QPSK		25	0	22.91	0.195	22.90	0.195	22.74	0.188		
			BPSK	Edge_1RB Left	1	0	22.88	0.194	22.91	0.195	22.84	0.192		
			QPSK		1	0	22.92	0.196	22.91	0.195	22.85	0.193		
			BPSK	Edge_Full Left	2	0	22.88	0.194	22.91	0.195	22.83	0.192		
			QPSK		2	0	22.87	0.194	22.91	0.195	22.83	0.192		
			BPSK	Edge_1RB Right	1	24	22.95	0.197	22.86	0.193	22.72	0.187		
			QPSK		1	24	23.01	0.200	22.87	0.194	22.71	0.187		
			BPSK	Edge_Full Right	2	23	22.95	0.197	22.86	0.193	22.71	0.187		
			QPSK		2	23	22.96	0.198	22.86	0.193	22.71	0.187		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	22.30	0.170	<u>22.36</u>	0.172	22.30	0.170	20.81	0.121
			16QAM		1	1	21.79	0.151	<u>21.85</u>	0.153	21.76	0.150		

NR Band 26/5_Part 22														
Ant. Gain							0.60 dB i							
Limit: 7W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	165800 (829.0 MHz)		167300 (836.5 MHz)		168800 (844.0 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	10	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.83	0.242	<u>23.94</u>	0.248	23.76	0.238	22.43	0.175
			QPSK		1	1	23.89	0.245	<u>23.98</u>	0.250	23.75	0.237		
			16QAM		1	1	<u>23.04</u>	0.201	22.83	0.192	22.65	0.184		
			64QAM		1	1	21.40	0.138	21.41	0.138	21.26	0.134		
			256QAM		1	1	19.23	0.084	19.36	0.086	19.20	0.083		
			BPSK	Inner_1RB Right	1	50	23.91	0.246	23.82	0.241	23.67	0.233		
			QPSK		1	50	23.90	0.245	23.81	0.240	23.64	0.231		
			BPSK	Inner_Full	25	12	23.87	0.244	23.90	0.245	23.79	0.239		
			QPSK		25	12	23.88	0.244	23.89	0.245	23.78	0.239		
			BPSK	Outer_Full	50	0	22.90	0.195	22.89	0.195	22.80	0.191		
			QPSK		50	0	22.89	0.195	22.90	0.195	22.79	0.190		
			BPSK	Edge_1RB Left	1	0	22.82	0.191	22.85	0.193	22.79	0.190		
			QPSK		1	0	22.82	0.191	22.86	0.193	22.78	0.190		
			BPSK	Edge_Full Left	2	0	22.81	0.191	22.94	0.197	22.76	0.189		
			QPSK		2	0	22.82	0.191	22.93	0.196	22.77	0.189		
			BPSK	Edge_1RB Right	1	51	22.92	0.196	22.84	0.192	22.68	0.185		
			QPSK		1	51	22.94	0.197	22.83	0.192	22.67	0.185		
			BPSK	Edge_Full Right	2	50	22.93	0.196	22.82	0.191	22.66	0.185		
			QPSK		2	50	22.93	0.196	22.83	0.192	22.66	0.185		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	22.30	0.170	<u>22.41</u>	0.174	22.27	0.169	20.86	0.122
			16QAM		1	1	21.79	0.151	<u>21.94</u>	0.156	21.77	0.150		

NR Band 26/5_Part 22														
Ant. Gain							0.60 dBi							
Limit: 7W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	166300 (831.5 MHz)		167300 (836.5 MHz)		168300 (841.5 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.76	0.238	23.88	0.244	23.87	0.244	22.37	0.173
			QPSK		1	1	23.76	0.238	23.87	0.244	23.86	0.243		
			16QAM		1	1	22.76	0.189	<u>22.79</u>	0.190	22.77	0.189		
			64QAM		1	1	21.26	0.134	21.37	0.137	21.35	0.136		
			256QAM		1	1	19.04	0.080	19.31	0.085	19.30	0.085		
			BPSK	Inner_1RB Right	1	77	23.87	0.244	23.85	0.243	23.69	0.234		
			QPSK		1	77	23.85	0.243	23.86	0.243	23.67	0.233		
			BPSK	Inner_Full	36	18	23.85	0.243	<u>23.92</u>	0.247	23.79	0.239		
			QPSK		36	18	23.86	0.243	<u>23.92</u>	0.247	23.80	0.240		
			BPSK	Outer_Full	75	0	23.34	0.216	23.43	0.220	23.31	0.214		
			QPSK		75	0	22.85	0.193	22.93	0.196	22.81	0.191		
			BPSK	Edge_1RB Left	1	0	23.26	0.212	23.37	0.217	23.39	0.218		
			QPSK		1	0	22.78	0.190	22.90	0.195	22.89	0.195		
			BPSK	Edge_Full Left	2	0	23.26	0.212	23.39	0.218	23.37	0.217		
			QPSK		2	0	22.77	0.189	22.89	0.195	22.89	0.195		
			BPSK	Edge_1RB Right	1	78	23.35	0.216	23.36	0.217	23.19	0.208		
			QPSK		1	78	22.87	0.194	22.87	0.194	22.69	0.186		
			BPSK	Edge_Full Right	2	77	23.36	0.217	23.36	0.217	23.18	0.208		
			QPSK		2	77	22.86	0.193	22.87	0.194	22.69	0.186		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	22.19	0.166	22.33	0.171	<u>22.36</u>	0.172	20.81	0.121
			16QAM		1	1	21.70	0.148	21.84	0.153	<u>21.94</u>	0.156		

NR Band 26/5_Part 22														
Ant. Gain							0.60 dBi							
Limit: 7W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	166800 (834.0 MHz)		167300 (836.5 MHz)		167800 (839.0 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	20	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.74	0.237	23.85	0.243	23.84	0.242	22.38	0.173
			QPSK		1	1	23.72	0.236	23.84	0.242	23.84	0.242		
			16QAM		1	1	22.64	0.184	<u>22.75</u>	0.188	22.74	0.188		
			64QAM		1	1	21.22	0.132	21.31	0.135	21.33	0.136		
			256QAM		1	1	19.17	0.083	19.28	0.085	19.27	0.085		
			BPSK	Inner_1RB Right	1	104	23.81	0.240	23.76	0.238	23.70	0.234		
			QPSK		1	104	23.81	0.240	23.74	0.237	23.67	0.233		
			BPSK	Inner_Full	50	25	23.88	0.244	<u>23.93</u>	0.247	23.85	0.243		
			QPSK		50	25	23.86	0.243	<u>23.92</u>	0.247	23.88	0.244		
			BPSK	Outer_Full	100	0	23.35	0.216	23.43	0.220	23.36	0.217		
			QPSK		100	0	22.88	0.194	22.94	0.197	22.88	0.194		
			BPSK	Edge_1RB Left	1	0	23.24	0.211	23.33	0.215	23.36	0.217		
			QPSK		1	0	22.75	0.188	22.86	0.193	22.86	0.193		
			BPSK	Edge_Full Left	2	0	23.24	0.211	23.35	0.216	23.35	0.216		
			QPSK		2	0	22.74	0.188	22.85	0.193	22.85	0.193		
			BPSK	Edge_1RB Right	1	105	23.31	0.214	23.25	0.211	23.20	0.209		
			QPSK		1	105	22.82	0.191	22.76	0.189	22.69	0.186		
			BPSK	Edge_Full Right	2	104	23.30	0.214	23.24	0.211	23.18	0.208		
			QPSK		2	104	22.82	0.191	22.75	0.188	22.69	0.186		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	22.19	0.166	<u>22.29</u>	0.169	22.29	0.169	20.74	0.119
			16QAM		1	1	21.67	0.147	<u>21.78</u>	0.151	21.76	0.150		

NR Band 26/5_Part 22														
Ant. Gain							0.60 dB i							
Limit: 7W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset			167300 (836.5 MHz)				E.R.P.	
									(dB m)	(W)			(dB m)	(W)
15	25	DFT-S OFDM	BPSK	Inner_1RB Left	1	1			23.74	0.237			22.38	0.173
			QPSK		1	1			23.73	0.236				
			16QAM		1	1			<u>22.72</u>	0.187				
			64QAM		1	1			21.23	0.133				
			256QAM		1	1			19.13	0.082				
			BPSK	Inner_1RB Right	1	131			23.90	0.245				
			QPSK		1	131			23.88	0.244				
			BPSK	Inner_Full	64	32			<u>23.93</u>	0.248				
			QPSK		64	32			<u>23.92</u>	0.247				
			BPSK	Outer_Full	128	0			23.43	0.220				
			QPSK		128	0			22.94	0.197				
			BPSK	Edge_1RB Left	1	0			23.26	0.212				
			QPSK		1	0			22.78	0.190				
			BPSK	Edge_Full Left	2	0			23.26	0.212				
			QPSK		2	0			22.75	0.188				
			BPSK	Edge_1RB Right	1	132			23.19	0.208				
			QPSK		1	132			22.71	0.187				
			BPSK	Edge_Full Right	2	131			23.70	0.234				
			QPSK		2	131			23.71	0.235				
			CP- OFDM	QPSK	Inner_1RB Left	1	1			<u>22.20</u>	0.166			
		16QAM		1		1			<u>21.65</u>	0.146				

NR Band 26_Part 90														
Ant. Gain							0.60 dB i							
Limit: 100W														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	163300 (816.5 MHz)		163800 (819.0 MHz)		164300 (821.5 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	5	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	<u>23.91</u>	0.246	23.87	0.244	23.85	0.243	22.40	0.174
			QPSK		1	1	23.86	0.243	23.87	0.244	23.83	0.242		
			16QAM		1	1	<u>22.77</u>	0.189	22.77	0.189	22.74	0.188		
			64QAM		1	1	21.34	0.136	21.35	0.136	21.34	0.136		
			256QAM		1	1	19.29	0.085	19.19	0.083	19.16	0.082		
			BPSK	Inner_1RB Right	1	23	23.91	0.246	23.91	0.246	23.90	0.245		
			QPSK		1	23	<u>23.95</u>	0.248	23.90	0.245	23.88	0.244		
			BPSK	Inner_Full	12	6	23.86	0.243	23.89	0.245	23.84	0.242		
			QPSK		12	6	23.85	0.243	23.88	0.244	23.84	0.242		
			BPSK	Outer_Full	25	0	23.37	0.217	23.40	0.219	23.37	0.217		
			QPSK		25	0	22.88	0.194	22.90	0.195	22.87	0.194		
			BPSK	Edge_1RB Left	1	0	23.38	0.218	23.38	0.218	23.36	0.217		
			QPSK		1	0	22.89	0.195	22.87	0.194	22.86	0.193		
			BPSK	Edge_Full Left	2	0	23.38	0.218	23.37	0.217	23.35	0.216		
			QPSK		2	0	22.88	0.194	22.87	0.194	22.85	0.193		
			BPSK	Edge_1RB Right	1	24	23.42	0.220	23.42	0.220	23.41	0.219		
			QPSK		1	24	22.92	0.196	22.93	0.196	22.91	0.195		
			BPSK	Edge_Full Right	2	23	23.42	0.220	23.41	0.219	23.39	0.218		
			QPSK		2	23	22.92	0.196	22.94	0.197	22.90	0.195		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	22.32	0.171	<u>22.33</u>	0.171	22.33	0.171	20.78	0.120
			16QAM		1	1	<u>21.82</u>	0.152	21.81	0.152	21.81	0.152		

NR Band 26_Part 90														
Ant. Gain							0.60 dB i							
Limit: 100W														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset			163800 (819.0 MHz)				E.R.P.	
									(dB m)	(W)			(dB m)	(W)
15	10	DFT-S OFDM	BPSK	Inner_1RB Left	1	1			23.85	0.243			22.38	0.173
			QPSK		1	1			23.83	0.242				
			16QAM		1	1			<u>22.75</u>	0.188				
			64QAM		1	1			21.31	0.135				
			256QAM		1	1			19.16	0.082				
			BPSK	Inner_1RB Right	1	50			<u>23.93</u>	0.247				
			QPSK		1	50			<u>23.91</u>	0.246				
			BPSK	Inner_Full	25	12			23.88	0.244				
			QPSK		25	12			23.89	0.245				
			BPSK	Outer_Full	50	0			23.40	0.219				
			QPSK		50	0			22.90	0.195				
			BPSK	Edge_1RB Left	1	0			23.36	0.217				
			QPSK		1	0			22.87	0.194				
			BPSK	Edge_Full Left	2	0			23.37	0.217				
			QPSK		2	0			22.87	0.194				
			BPSK	Edge_1RB Right	1	51			23.45	0.221				
			QPSK		1	51			22.96	0.198				
			BPSK	Edge_Full Right	2	50			23.45	0.221				
			QPSK		2	50			22.95	0.197				
		CP- OFDM	QPSK	Inner_1RB Left	1	1			<u>22.34</u>	0.171			20.79	0.120
			16QAM		1	1			<u>21.84</u>	0.153				

NR Band 66														
Ant. Gain							-0.37 dBi							
Limit: 1W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	342500 (1 712.5 MHz)		349000 (1 745.0 MHz)		355500 (1 777.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	5	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.71	0.187	23.18	0.208	22.91	0.195	22.86	0.193
			QPSK		1	1	22.69	0.186	23.18	0.208	22.91	0.195		
			16QAM		1	1	21.59	0.144	<u>22.06</u>	0.161	21.81	0.152		
			64QAM		1	1	20.16	0.104	20.64	0.116	20.37	0.109		
			256QAM		1	1	18.11	0.065	18.60	0.072	18.31	0.068		
			BPSK	Inner_1RB Right	1	23	22.73	0.187	<u>23.23</u>	0.210	22.91	0.195		
			QPSK		1	23	22.73	0.187	<u>23.22</u>	0.210	22.90	0.195		
			BPSK	Inner_Full	12	6	22.70	0.186	23.20	0.209	22.89	0.195		
			QPSK		12	6	22.69	0.186	23.19	0.208	22.89	0.195		
			BPSK	Outer_Full	25	0	22.19	0.166	22.70	0.186	22.39	0.173		
			QPSK		25	0	21.72	0.149	22.21	0.166	21.90	0.155		
			BPSK	Edge_1RB Left	1	0	22.21	0.166	22.69	0.186	22.42	0.175		
			QPSK		1	0	21.72	0.149	22.19	0.166	21.93	0.156		
			BPSK	Edge_Full Left	2	0	22.21	0.166	22.68	0.185	22.41	0.174		
			QPSK		2	0	21.71	0.148	22.18	0.165	21.92	0.156		
			BPSK	Edge_1RB Right	1	24	22.24	0.167	22.74	0.188	22.42	0.175		
			QPSK		1	24	21.73	0.149	22.24	0.167	21.92	0.156		
			BPSK	Edge_Full Right	2	23	22.21	0.166	22.72	0.187	22.41	0.174		
			QPSK		2	23	21.73	0.149	22.25	0.168	21.92	0.156		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.16	0.131	<u>21.62</u>	0.145	21.42	0.139	21.25	0.133
			16QAM		1	1	20.77	0.119	<u>21.08</u>	0.128	20.95	0.124		

NR Band 66														
Ant. Gain							-0.37 dB i							
Limit: 1W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	343000 (1 715.0 MHz)		349000 (1 745.0 MHz)		355000 (1 775.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	10	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.78	0.190	23.15	0.207	23.00	0.200	22.88	0.194
			QPSK		1	1	22.75	0.188	23.14	0.206	23.00	0.200		
			16QAM		1	1	21.67	0.147	<u>22.03</u>	0.160	21.89	0.155		
			64QAM		1	1	20.23	0.105	20.61	0.115	20.48	0.112		
			256QAM		1	1	18.01	0.063	18.56	0.072	18.19	0.066		
			BPSK	Inner_1RB Right	1	50	22.85	0.193	<u>23.25</u>	0.211	22.94	0.197		
			QPSK		1	50	22.84	0.192	<u>23.24</u>	0.211	22.93	0.196		
			BPSK	Inner_Full	25	12	22.78	0.190	23.19	0.208	22.96	0.198		
			QPSK		25	12	22.79	0.190	23.20	0.209	22.95	0.197		
			BPSK	Outer_Full	50	0	22.30	0.170	22.70	0.186	22.46	0.176		
			QPSK		50	0	21.79	0.151	22.21	0.166	21.96	0.157		
			BPSK	Edge_1RB Left	1	0	22.28	0.169	22.65	0.184	22.52	0.179		
			QPSK		1	0	21.78	0.151	22.15	0.164	22.01	0.159		
			BPSK	Edge_Full Left	2	0	22.26	0.168	22.65	0.184	22.51	0.178		
			QPSK		2	0	21.76	0.150	22.15	0.164	22.01	0.159		
			BPSK	Edge_1RB Right	1	51	22.36	0.172	22.76	0.189	22.45	0.176		
			QPSK		1	51	21.86	0.153	22.26	0.168	21.96	0.157		
			BPSK	Edge_Full Right	2	50	22.34	0.171	22.76	0.189	22.44	0.175		
			QPSK		2	50	21.86	0.153	22.26	0.168	21.95	0.157		
			CP- OFDM	QPSK	Inner_1RB Left	1	1	21.23	0.133	<u>21.63</u>	0.146	21.44		
		16QAM		1		1	20.84	0.121	<u>21.08</u>	0.128	20.93	0.124		

NR Band 66														
Ant. Gain							-0.37 dBi							
Limit: 1W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	343500 (1 717.5 MHz)		349000 (1 745.0 MHz)		354500 (1 772.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.73	0.187	23.12	0.205	23.00	0.200	22.88	0.194
			QPSK		1	1	22.72	0.187	23.12	0.205	22.97	0.198		
			16QAM		1	1	21.62	0.145	<u>22.02</u>	0.159	21.87	0.154		
			64QAM		1	1	20.21	0.105	20.59	0.115	20.46	0.111		
			256QAM		1	1	18.13	0.065	18.54	0.071	18.38	0.069		
			BPSK	Inner_1RB Right	1	77	22.86	0.193	<u>23.24</u>	0.211	22.89	0.195		
			QPSK		1	77	22.86	0.193	<u>23.25</u>	0.211	22.88	0.194		
			BPSK	Inner_Full	36	18	22.78	0.190	23.20	0.209	22.91	0.195		
			QPSK		36	18	22.79	0.190	23.20	0.209	22.92	0.196		
			BPSK	Outer_Full	75	0	22.31	0.170	22.72	0.187	22.42	0.175		
			QPSK		75	0	21.81	0.152	22.22	0.167	21.93	0.156		
			BPSK	Edge_1RB Left	1	0	22.24	0.167	22.63	0.183	22.48	0.177		
			QPSK		1	0	21.75	0.150	22.12	0.163	21.97	0.157		
			BPSK	Edge_Full Left	2	0	22.24	0.167	22.61	0.182	22.47	0.177		
			QPSK		2	0	21.74	0.149	22.14	0.164	22.00	0.158		
			BPSK	Edge_1RB Right	1	78	22.37	0.173	22.76	0.189	22.39	0.173		
			QPSK		1	78	21.88	0.154	22.26	0.168	21.90	0.155		
			BPSK	Edge_Full Right	2	77	22.36	0.172	22.75	0.188	22.38	0.173		
			QPSK		2	77	21.87	0.154	22.26	0.168	21.88	0.154		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.22	0.132	<u>21.56</u>	0.143	21.45	0.140	21.19	0.132
			16QAM		1	1	20.65	0.116	<u>21.04</u>	0.127	20.94	0.124		

NR Band 66														
Ant. Gain							-0.37 dBi							
Limit: 1W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	344000 (1 720.0 MHz)		349000 (1 745.0 MHz)		354000 (1 770.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	20	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.70	0.186	23.05	0.202	23.05	0.202	22.85	0.193
			QPSK		1	1	22.68	0.185	23.04	0.201	23.03	0.201		
			16QAM		1	1	21.59	0.144	<u>21.93</u>	0.156	21.92	0.156		
			64QAM		1	1	20.46	0.111	20.52	0.113	20.53	0.113		
			256QAM		1	1	18.10	0.065	18.46	0.070	18.44	0.070		
			BPSK	Inner_1RB Right	1	104	22.92	0.196	<u>23.22</u>	0.210	22.91	0.195		
			QPSK		1	104	22.91	0.195	<u>23.20</u>	0.209	22.89	0.195		
			BPSK	Inner_Full	50	25	22.78	0.190	23.20	0.209	23.00	0.200		
			QPSK		50	25	22.79	0.190	23.20	0.209	23.00	0.200		
			BPSK	Outer_Full	100	0	22.30	0.170	22.71	0.187	22.49	0.177		
			QPSK		100	0	21.81	0.152	22.20	0.166	22.00	0.158		
			BPSK	Edge_1RB Left	1	0	22.20	0.166	22.55	0.180	22.54	0.179		
			QPSK		1	0	21.70	0.148	22.06	0.161	22.05	0.160		
			BPSK	Edge_Full Left	2	0	22.20	0.166	22.55	0.180	22.53	0.179		
			QPSK		2	0	21.70	0.148	22.06	0.161	22.04	0.160		
			BPSK	Edge_1RB Right	1	105	22.42	0.175	22.73	0.187	22.41	0.174		
			QPSK		1	105	21.92	0.156	22.23	0.167	21.91	0.155		
			BPSK	Edge_Full Right	2	104	22.41	0.174	22.71	0.187	22.40	0.174		
			QPSK		2	104	21.91	0.155	22.22	0.167	21.91	0.155		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.16	0.131	21.52	0.142	<u>21.53</u>	0.142	21.16	0.131
			16QAM		1	1	20.74	0.119	<u>21.11</u>	0.129	21.08	0.128		

NR Band 66														
Ant. Gain							-0.37 dB i							
Limit: 1W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	344500 (1 722.5 MHz)		349000 (1 745.0 MHz)		353500 (1 767.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	25	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.65	0.184	22.97	0.198	23.07	0.203	22.84	0.192
			QPSK		1	1	22.65	0.184	22.96	0.198	23.07	0.203		
			16QAM		1	1	21.54	0.143	21.86	0.153	<u>21.95</u>	0.157		
			64QAM		1	1	20.12	0.103	20.46	0.111	20.53	0.113		
			256QAM		1	1	18.06	0.064	18.37	0.069	18.49	0.071		
			BPSK	Inner_1RB Right	1	131	22.97	0.198	23.18	0.208	22.90	0.195		
			QPSK		1	131	22.93	0.196	23.17	0.207	22.90	0.195		
			BPSK	Inner_Full	64	32	22.79	0.190	<u>23.20</u>	0.209	23.05	0.202		
			QPSK		64	32	22.78	0.190	<u>23.21</u>	0.209	23.06	0.202		
			BPSK	Outer_Full	128	0	22.29	0.169	22.71	0.187	22.55	0.180		
			QPSK		128	0	21.79	0.151	22.20	0.166	22.04	0.160		
			BPSK	Edge_1RB Left	1	0	22.17	0.165	22.47	0.177	22.57	0.181		
			QPSK		1	0	21.68	0.147	21.98	0.158	22.08	0.161		
			BPSK	Edge_Full Left	2	0	22.15	0.164	22.47	0.177	22.56	0.180		
			QPSK		2	0	21.66	0.147	21.97	0.157	22.06	0.161		
			BPSK	Edge_1RB Right	1	132	22.47	0.177	22.69	0.186	22.41	0.174		
			QPSK		1	132	21.96	0.157	22.20	0.166	21.92	0.156		
			BPSK	Edge_Full Right	2	131	22.44	0.175	22.69	0.186	22.40	0.174		
			QPSK		2	131	21.95	0.157	22.19	0.166	21.92	0.156		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.11	0.129	21.44	0.139	<u>21.49</u>	0.141	21.12	0.129
			16QAM		1	1	20.59	0.115	<u>20.99</u>	0.126	20.96	0.125		

NR Band 66														
Ant. Gain							-0.37 dB i							
Limit: 1W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	345000 (1 725.0 MHz)		349000 (1 745.0 MHz)		353000 (1 765.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	30	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.72	0.187	22.95	0.197	23.12	0.205	22.85	0.193
			QPSK		1	1	22.71	0.187	22.93	0.196	23.12	0.205		
			16QAM		1	1	21.63	0.146	21.82	0.152	22.00	0.158		
			64QAM		1	1	20.18	0.104	20.40	0.110	20.60	0.115		
			256QAM		1	1	18.12	0.065	18.34	0.068	18.53	0.071		
			BPSK	Inner_1RB Right	1	158	23.09	0.204	23.19	0.208	22.91	0.195		
			QPSK		1	158	23.08	0.203	23.17	0.207	22.91	0.195		
			BPSK	Inner_Full	80	40	22.90	0.195	23.22	0.210	23.09	0.204		
			QPSK		80	40	22.90	0.195	23.21	0.209	23.10	0.204		
			BPSK	Outer_Full	160	0	22.39	0.173	22.70	0.186	22.57	0.181		
			QPSK		160	0	21.91	0.155	22.20	0.166	22.07	0.161		
			BPSK	Edge_1RB Left	1	0	22.24	0.167	22.44	0.175	22.63	0.183		
			QPSK		1	0	21.75	0.150	21.94	0.156	22.14	0.164		
			BPSK	Edge_Full Left	2	0	22.23	0.167	22.43	0.175	22.62	0.183		
			QPSK		2	0	21.73	0.149	21.93	0.156	22.14	0.164		
			BPSK	Edge_1RB Right	1	159	22.60	0.182	22.69	0.186	22.42	0.175		
			QPSK		1	159	22.10	0.162	22.20	0.166	21.93	0.156		
			BPSK	Edge_Full Right	2	158	22.59	0.182	22.67	0.185	22.41	0.174		
			QPSK		2	158	22.09	0.162	22.18	0.165	21.91	0.155		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.18	0.131	21.40	0.138	21.60	0.145	21.23	0.133
			16QAM		1	1	20.67	0.117	20.86	0.122	21.04	0.127		

NR Band 66														
Ant. Gain							-0.37 dBi							
Limit: 1W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	345500 (1 727.5 MHz)		349000 (1 745.0 MHz)		352500 (1 762.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	35	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.59	0.182	22.76	0.189	22.92	0.196	22.70	0.186
			QPSK		1	1	22.58	0.181	22.75	0.188	23.03	0.201		
			16QAM		1	1	21.50	0.141	21.63	0.146	<u>21.98</u>	0.158		
			64QAM		1	1	20.06	0.101	20.26	0.106	20.64	0.116		
			256QAM		1	1	17.75	0.060	18.22	0.066	18.31	0.068		
			BPSK	Inner_1RB Right	1	186	23.01	0.200	<u>23.01</u>	0.200	22.70	0.186		
			QPSK		1	186	22.97	0.198	<u>23.07</u>	0.203	22.71	0.187		
			BPSK	Inner_Full	96	47	22.31	0.170	22.50	0.178	22.42	0.175		
			QPSK		96	47	21.83	0.152	22.07	0.161	21.94	0.156		
			BPSK	Outer_Full	180	0	22.31	0.170	22.61	0.182	22.40	0.174		
			QPSK		180	0	21.80	0.151	22.04	0.160	21.93	0.156		
			BPSK	Edge_1RB Left	1	0	22.10	0.162	22.28	0.169	22.44	0.175		
			QPSK		1	0	21.59	0.144	21.88	0.154	21.88	0.154		
			BPSK	Edge_Full Left	2	0	22.10	0.162	22.23	0.167	22.44	0.175		
			QPSK		2	0	21.60	0.145	21.85	0.153	21.91	0.155		
			BPSK	Edge_1RB Right	1	187	22.55	0.180	22.50	0.178	22.21	0.166		
			QPSK		1	187	21.98	0.158	22.15	0.164	21.74	0.149		
			BPSK	Edge_Full Right	2	186	22.48	0.177	22.49	0.177	22.22	0.167		
			QPSK		2	186	22.00	0.158	22.07	0.161	21.78	0.151		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	20.93	0.124	21.24	0.133	<u>21.36</u>	0.137	20.99	0.126
			16QAM		1	1	20.75	0.119	20.69	0.117	<u>21.07</u>	0.128		

NR Band 66														
Ant. Gain							-0.37 dB i							
Limit: 1W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	346000 (1 730.0 MHz)		349000 (1 745.0 MHz)		352000 (1 760.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	40	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.64	0.184	22.79	0.190	22.96	0.198	22.86	0.193
			QPSK		1	1	22.65	0.184	22.78	0.190	22.93	0.196		
			16QAM		1	1	21.54	0.143	21.68	0.147	21.82	0.152		
			64QAM		1	1	20.10	0.102	20.25	0.106	20.41	0.110		
			256QAM		1	1	18.05	0.064	18.19	0.066	18.34	0.068		
			BPSK	Inner_1RB Right	1	214	23.16	0.207	23.09	0.204	22.87	0.194		
			QPSK		1	214	23.13	0.206	23.08	0.203	22.87	0.194		
			BPSK	Inner_Full	108	54	22.96	0.198	23.23	0.210	23.11	0.205		
			QPSK		108	54	22.97	0.198	23.21	0.209	23.12	0.205		
			BPSK	Outer_Full	216	0	22.46	0.176	22.69	0.186	22.58	0.181		
			QPSK		216	0	21.96	0.157	22.17	0.165	22.09	0.162		
			BPSK	Edge_1RB Left	1	0	22.13	0.163	22.29	0.169	22.46	0.176		
			QPSK		1	0	21.64	0.146	21.79	0.151	21.96	0.157		
			BPSK	Edge_Full Left	2	0	22.15	0.164	22.28	0.169	22.45	0.176		
			QPSK		2	0	21.65	0.146	21.79	0.151	21.94	0.156		
			BPSK	Edge_1RB Right	1	215	22.64	0.184	22.57	0.181	22.38	0.173		
			QPSK		1	215	22.14	0.164	22.09	0.162	21.89	0.155		
			BPSK	Edge_Full Right	2	214	22.64	0.184	22.58	0.181	22.36	0.172		
			QPSK		2	214	22.15	0.164	22.09	0.162	21.88	0.154		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.10	0.129	21.26	0.134	21.46	0.140	21.09	0.129
			16QAM		1	1	20.70	0.117	20.80	0.120	20.96	0.125		

NR Band 66														
Ant. Gain							-0.37 dB i							
Limit: 1W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	346500 (1 732.5 MHz)		349000 (1 745.0 MHz)		351500 (1 757.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	45	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.58	0.181	<u>22.81</u>	0.191	22.78	0.190	22.73	0.187
			QPSK		1	1	22.54	0.179	22.79	0.190	22.88	0.194		
			16QAM		1	1	21.44	0.139	<u>21.75</u>	0.150	21.75	0.150		
			64QAM		1	1	20.02	0.100	20.32	0.108	20.33	0.108		
			256QAM		1	1	18.00	0.063	18.29	0.067	18.29	0.067		
			BPSK	Inner_1RB Right	1	240	20.59	0.115	20.53	0.113	20.27	0.106		
			QPSK		1	240	<u>23.10</u>	0.204	23.02	0.200	22.80	0.191		
			BPSK	Inner_Full	120	60	21.92	0.156	22.16	0.164	22.07	0.161		
			QPSK		120	60	21.57	0.144	21.82	0.152	21.99	0.158		
			BPSK	Outer_Full	240	0	22.11	0.163	22.04	0.160	21.79	0.151		
			QPSK		240	0	22.10	0.162	22.06	0.161	21.80	0.151		
			BPSK	Edge_1RB Left	1	0	21.49	0.141	21.77	0.150	21.77	0.150		
			QPSK		1	0	21.58	0.144	22.81	0.191	21.78	0.151		
			BPSK	Edge_Full Left	2	0	21.63	0.146	21.29	0.135	21.35	0.136		
			QPSK		2	0	20.59	0.115	20.53	0.113	20.27	0.106		
			BPSK	Edge_1RB Right	1	241	21.91	0.155	22.15	0.164	22.08	0.161		
			QPSK		1	241	21.92	0.156	22.16	0.164	22.07	0.161		
			BPSK	Edge_Full Right	2	240	21.57	0.144	21.78	0.151	21.86	0.153		
			QPSK		2	240	22.11	0.163	22.04	0.160	21.79	0.151		
			CP- OFDM	QPSK	Inner_1RB Left	1	1	21.02	0.126	21.27	0.134	<u>21.32</u>		
		16QAM		1		1	20.49	0.112	20.77	0.119	<u>20.77</u>	0.119		

NR Band 71														
Ant. Gain							-7.25 dB i							
Limit: 3W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	133100 (665.5 MHz)		136100 (680.5 MHz)		139100 (695.5 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	5	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.97	0.198	23.06	0.202	<u>23.28</u>	0.213	13.89	0.024
			QPSK		1	1	22.95	0.197	23.03	0.201	<u>23.29</u>	0.213		
			16QAM		1	1	21.87	0.154	21.93	0.156	<u>22.18</u>	0.165		
			64QAM		1	1	20.45	0.111	20.53	0.113	20.75	0.119		
			256QAM		1	1	18.36	0.069	18.38	0.069	18.72	0.074		
			BPSK	Inner_1RB Right	1	23	23.46	0.222	23.06	0.202	23.25	0.211		
			QPSK		1	23	22.93	0.196	23.04	0.201	23.25	0.211		
			BPSK	Inner_Full	12	6	22.94	0.197	23.04	0.201	23.26	0.212		
			QPSK		12	6	22.93	0.196	23.03	0.201	23.23	0.210		
			BPSK	Outer_Full	25	0	22.45	0.176	22.56	0.180	22.76	0.189		
			QPSK		25	0	21.96	0.157	22.05	0.160	22.26	0.168		
			BPSK	Edge_1RB Left	1	0	22.47	0.177	22.56	0.180	22.80	0.191		
			QPSK		1	0	21.97	0.157	22.06	0.161	22.30	0.170		
			BPSK	Edge_Full Left	2	0	22.46	0.176	22.56	0.180	22.79	0.190		
			QPSK		2	0	21.98	0.158	22.06	0.161	22.30	0.170		
			BPSK	Edge_1RB Right	1	24	22.45	0.176	22.58	0.181	22.77	0.189		
			QPSK		1	24	21.94	0.156	22.08	0.161	22.28	0.169		
			BPSK	Edge_Full Right	2	23	22.44	0.175	22.57	0.181	22.74	0.188		
			QPSK		2	23	21.94	0.156	22.08	0.161	22.25	0.168		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.43	0.139	21.51	0.142	<u>21.70</u>	0.148	12.30	0.017
			16QAM		1	1	20.98	0.125	21.00	0.126	<u>21.19</u>	0.132		

NR Band 71														
Ant. Gain							-7.25 dB i							
Limit: 3W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	133600 (668.0 MHz)		136100 (680.5 MHz)		138600 (693.0 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	10	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.94	0.197	23.00	0.200	23.17	0.207	13.84	0.024
			QPSK		1	1	22.93	0.196	23.00	0.200	23.17	0.207		
			16QAM		1	1	21.86	0.153	21.89	0.155	<u>22.08</u>	0.161		
			64QAM		1	1	20.40	0.110	20.49	0.112	20.65	0.116		
			256QAM		1	1	18.40	0.069	18.39	0.069	18.61	0.073		
			BPSK	Inner_1RB Right	1	50	22.93	0.196	23.07	0.203	23.20	0.209		
			QPSK		1	50	22.91	0.195	23.06	0.202	23.19	0.208		
			BPSK	Inner_Full	25	12	22.92	0.196	23.05	0.202	<u>23.24</u>	0.211		
			QPSK		25	12	22.91	0.195	23.04	0.201	<u>23.23</u>	0.210		
			BPSK	Outer_Full	50	0	22.42	0.175	22.53	0.179	22.75	0.188		
			QPSK		50	0	21.92	0.156	22.07	0.161	22.25	0.168		
			BPSK	Edge_1RB Left	1	0	22.45	0.176	22.51	0.178	22.68	0.185		
			QPSK		1	0	21.96	0.157	22.01	0.159	22.19	0.166		
			BPSK	Edge_Full Left	2	0	22.46	0.176	22.49	0.177	22.67	0.185		
			QPSK		2	0	21.95	0.157	22.00	0.158	22.17	0.165		
			BPSK	Edge_1RB Right	1	51	22.44	0.175	22.55	0.180	22.72	0.187		
			QPSK		1	51	21.94	0.156	22.09	0.162	22.22	0.167		
			BPSK	Edge_Full Right	2	50	22.43	0.175	22.56	0.180	22.70	0.186		
			QPSK		2	50	21.94	0.156	22.07	0.161	22.20	0.166		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.38	0.137	21.45	0.140	<u>21.60</u>	0.145	12.20	0.017
			16QAM		1	1	20.88	0.122	20.93	0.124	<u>21.06</u>	0.128		

NR Band 71														
Ant. Gain							-7.25 dB i							
Limit: 3W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	134100 (670.5 MHz)		136100 (680.5 MHz)		138100 (690.5 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.93	0.196	22.98	0.199	23.14	0.206	13.80	0.024
			QPSK		1	1	22.92	0.196	22.96	0.198	23.13	0.206		
			16QAM		1	1	21.83	0.152	21.89	0.155	<u>22.04</u>	0.160		
			64QAM		1	1	20.40	0.110	20.44	0.111	20.60	0.115		
			256QAM		1	1	18.23	0.067	18.25	0.067	18.57	0.072		
			BPSK	Inner_1RB Right	1	77	22.95	0.197	23.06	0.202	23.19	0.208		
			QPSK		1	77	22.94	0.197	23.05	0.202	23.18	0.208		
			BPSK	Inner_Full	36	18	22.90	0.195	23.05	0.202	<u>23.20</u>	0.209		
			QPSK		36	18	22.90	0.195	23.03	0.201	<u>23.20</u>	0.209		
			BPSK	Outer_Full	75	0	22.41	0.174	22.53	0.179	22.72	0.187		
			QPSK		75	0	21.92	0.156	22.05	0.160	22.22	0.167		
			BPSK	Edge_1RB Left	1	0	22.44	0.175	22.47	0.177	22.64	0.184		
			QPSK		1	0	21.95	0.157	21.99	0.158	22.15	0.164		
			BPSK	Edge_Full Left	2	0	22.44	0.175	22.46	0.176	22.63	0.183		
			QPSK		2	0	21.94	0.156	21.97	0.157	22.14	0.164		
			BPSK	Edge_1RB Right	1	78	22.46	0.176	22.57	0.181	22.71	0.187		
			QPSK		1	78	21.96	0.157	22.09	0.162	22.21	0.166		
			BPSK	Edge_Full Right	2	77	22.44	0.175	22.56	0.180	22.67	0.185		
			QPSK		2	77	21.96	0.157	22.07	0.161	22.20	0.166		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.38	0.137	21.46	0.140	<u>21.59</u>	0.144	12.19	0.017
			16QAM		1	1	20.85	0.122	21.02	0.126	<u>21.07</u>	0.128		

NR Band 71														
Ant. Gain							-7.25 dB i							
Limit: 3W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	134600 (673.0 MHz)		136100 (680.5 MHz)		137600 (688.0 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	20	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.89	0.195	22.95	0.197	23.10	0.204	13.77	0.024
			QPSK		1	1	22.89	0.195	22.94	0.197	23.08	0.203		
			16QAM		1	1	21.80	0.151	21.84	0.153	<u>22.00</u>	0.158		
			64QAM		1	1	20.38	0.109	20.42	0.110	20.56	0.114		
			256QAM		1	1	18.35	0.068	18.35	0.068	18.51	0.071		
			BPSK	Inner_1RB Right	1	104	22.95	0.197	23.08	0.203	<u>23.17</u>	0.207		
			QPSK		1	104	22.95	0.197	23.07	0.203	<u>23.15</u>	0.207		
			BPSK	Inner_Full	50	25	22.92	0.196	23.04	0.201	23.16	0.207		
			QPSK		50	25	22.92	0.196	23.04	0.201	23.15	0.207		
			BPSK	Outer_Full	100	0	22.41	0.174	22.54	0.179	22.66	0.185		
			QPSK		100	0	21.92	0.156	22.04	0.160	22.18	0.165		
			BPSK	Edge_1RB Left	1	0	22.41	0.174	22.45	0.176	22.59	0.182		
			QPSK		1	0	21.91	0.155	21.96	0.157	22.11	0.163		
			BPSK	Edge_Full Left	2	0	22.40	0.174	22.44	0.175	22.60	0.182		
			QPSK		2	0	21.91	0.155	21.94	0.156	22.09	0.162		
			BPSK	Edge_1RB Right	1	105	22.46	0.176	22.58	0.181	22.67	0.185		
			QPSK		1	105	21.96	0.157	22.09	0.162	22.17	0.165		
			BPSK	Edge_Full Right	2	104	22.44	0.175	22.57	0.181	22.65	0.184		
			QPSK		2	104	21.94	0.156	22.10	0.162	22.17	0.165		
		CP- OFDM	QPSK	Inner_1RB Left	1	1	21.35	0.136	21.44	0.139	<u>21.57</u>	0.144	12.17	0.016
			16QAM		1	1	20.82	0.121	20.96	0.125	<u>21.06</u>	0.128		

ENDC

66A-n5A														
Ant. Gain							0.60 dB i							
Limit: 7W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	165300 (826.5 MHz)		167300 (836.5 MHz)		169300 (846.5 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	5	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.81	0.240	23.79	0.239	<u>23.91</u>	0.246	22.36	0.172
			QPSK		1	1	23.84	0.242	23.82	0.241	23.76	0.238		
			BPSK	Inner_1RB Right	1	23	23.68	0.233	23.77	0.238	23.89	0.245		
			QPSK		1	23	23.75	0.237	23.80	0.240	23.75	0.237		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	165800 (829.0 MHz)		167300 (836.5 MHz)		168800 (844.0 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	10	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.70	0.234	23.70	0.234	23.85	0.243	22.37	0.173
			QPSK		1	1	<u>23.92</u>	0.247	23.82	0.241	23.72	0.236		
			BPSK	Inner_1RB Right	1	50	23.67	0.233	23.69	0.234	23.85	0.243		
			QPSK		1	50	23.91	0.246	23.79	0.239	23.69	0.234		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	166300 (831.5 MHz)		167300 (836.5 MHz)		168300 (841.5 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.61	0.230	23.62	0.230	23.83	0.242	22.38	0.173
			QPSK		1	1	<u>23.93</u>	0.247	23.81	0.240	23.70	0.234		
			BPSK	Inner_1RB Right	1	77	23.61	0.230	23.59	0.229	23.80	0.240		
			QPSK		1	77	23.91	0.246	23.80	0.240	23.67	0.233		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	166800 (834.0 MHz)		167300 (836.5 MHz)		167800 (839.0 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	20	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.52	0.225	23.55	0.226	23.60	0.229	22.28	0.169
			QPSK		1	1	23.81	0.240	23.74	0.237	23.64	0.231		
			BPSK	Inner_1RB Right	1	104	23.51	0.224	23.52	0.225	23.58	0.228		
			QPSK		1	104	<u>23.83</u>	0.242	23.70	0.234	23.64	0.231		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset			167300 (836.5 MHz)				E.R.P.	
									(dB m)	(W)			(dB m)	(W)
15	25	DFT-S OFDM	BPSK	Inner_1RB Left	1	1			23.64	0.231			22.24	0.167
			QPSK		1	1			<u>23.79</u>	0.239				
			BPSK	Inner_1RB Right	1	104			23.60	0.229				
			QPSK		1	104			23.78	0.239				

12A-n25A														
Ant. Gain							0.46 dB i							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	370500 (1 852.5 MHz)		376500 (1 882.5 MHz)		382500 (1 912.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	5	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.66	0.185	22.73	0.187	22.63	0.183	23.21	0.209
			QPSK		1	1	22.65	0.184	<u>22.75</u>	0.188	22.62	0.183		
			BPSK	Inner_1RB Right	1	23	22.52	0.179	22.75	0.188	22.58	0.181		
			QPSK		1	23	22.64	0.184	22.72	0.187	22.62	0.183		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	371000 (1 855.0 MHz)		376500 (1 882.5 MHz)		382000 (1 910.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	10	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.66	0.185	22.73	0.187	22.63	0.183	23.23	0.210
			QPSK		1	1	22.74	0.188	22.73	0.187	22.67	0.185		
			BPSK	Inner_1RB Right	1	50	22.62	0.183	22.73	0.187	22.64	0.184		
			QPSK		1	50	<u>22.77</u>	0.189	22.75	0.188	22.63	0.183		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	371500 (1 857.5 MHz)		376500 (1 882.5 MHz)		381500 (1 907.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.61	0.182	22.72	0.187	22.70	0.186	23.24	0.211
			QPSK		1	1	22.72	0.187	22.75	0.188	22.69	0.186		
			BPSK	Inner_1RB Right	1	77	22.66	0.185	<u>22.78</u>	0.160	22.73	0.187		
			QPSK		1	77	22.76	0.189	22.75	0.188	22.73	0.187		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	372000 (1 860.0 MHz)		376500 (1 882.5 MHz)		381000 (1 905.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	20	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.61	0.182	22.72	0.187	22.75	0.188	23.21	0.209
			QPSK		1	1	22.73	0.187	22.72	0.187	22.70	0.186		
			BPSK	Inner_1RB Right	1	104	22.64	0.184	22.75	0.188	22.74	0.188		
			QPSK		1	104	<u>22.75</u>	0.188	22.73	0.187	22.73	0.187		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	372500 (1 862.5 MHz)		376500 (1 882.5 MHz)		380500 (1 902.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	25	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.56	0.180	22.71	0.187	22.72	0.187	23.23	0.210
			QPSK		1	1	<u>22.77</u>	0.189	22.67	0.185	22.63	0.183		
			BPSK	Inner_1RB Right	1	131	22.61	0.182	22.75	0.188	22.74	0.188		
			QPSK		1	131	22.77	0.189	22.70	0.186	22.66	0.185		

12A-n25A														
Ant. Gain							0.46 dB i							
Limit: 2W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	373000 (1 865.0 MHz)		376500 (1 882.5 MHz)		380000 (1 900.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	30	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.63	0.183	22.70	0.186	<u>22.77</u>	0.189	23.23	0.210
			QPSK		1	1	22.72	0.187	22.67	0.185	22.66	0.185		
			BPSK	Inner_1RB Right	1	158	22.64	0.184	22.69	0.186	22.75	0.188		
			QPSK		1	158	22.75	0.188	22.63	0.183	22.62	0.183		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	373500 (1 867.5 MHz)		376500 (1 882.5 MHz)		379500 (1 897.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	35	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.62	0.183	22.71	0.187	22.75	0.188	23.22	0.210
			QPSK		1	1	22.74	0.188	22.65	0.184	22.63	0.183		
			BPSK	Inner_1RB Right	1	186	22.63	0.183	22.67	0.185	22.74	0.188		
			QPSK		1	186	<u>22.76</u>	0.189	22.64	0.184	22.64	0.184		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	374000 (1 870.0 MHz)		376500 (1 882.5 MHz)		379000 (1 895.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	40	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.58	0.181	22.67	0.185	<u>22.76</u>	0.189	23.22	0.210
			QPSK		1	1	22.76	0.189	22.59	0.182	22.64	0.184		
			BPSK	Inner_1RB Right	1	214	22.56	0.180	22.64	0.184	22.76	0.189		
			QPSK		1	214	22.76	0.189	22.56	0.180	22.62	0.183		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	374500 (1 872.5 MHz)		376500 (1 882.5 MHz)		378500 (1 892.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	45	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.59	0.182	22.72	0.187	22.73	0.187	23.21	0.209
			QPSK		1	1	<u>22.75</u>	0.188	22.62	0.183	22.61	0.182		
			BPSK	Inner_1RB Right	1	240	22.54	0.179	22.65	0.184	22.72	0.187		
			QPSK		1	240	22.74	0.188	22.59	0.182	22.63	0.183		

14A-n66A														
Ant. Gain							-0.37 dB i							
Limit: 1W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	342500 (1 745.0 MHz)		349000 (1 745.0 MHz)		355500 (1 745.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	5	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.11	0.205	23.19	0.208	23.16	0.207	22.88	0.194
			QPSK		1	1	23.11	0.205	23.23	0.210	23.15	0.207		
			BPSK	Inner_1RB Right	1	23	23.04	0.201	23.21	0.209	23.17	0.207		
			QPSK		1	23	23.07	0.203	23.25	0.211	23.17	0.207		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	343000 (1 715.0 MHz)		349000 (1 745.0 MHz)		355000 (1 775.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	10	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.08	0.203	23.17	0.207	23.26	0.212	22.92	0.196
			QPSK		1	1	23.18	0.208	23.25	0.211	23.17	0.207		
			BPSK	Inner_1RB Right	1	50	23.12	0.205	23.19	0.208	23.29	0.213		
			QPSK		1	50	23.19	0.208	23.24	0.211	23.20	0.209		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	343500 (1 717.5 MHz)		349000 (1 745.0 MHz)		354500 (1 772.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.07	0.203	23.13	0.206	23.27	0.212	22.91	0.195
			QPSK		1	1	23.18	0.208	23.25	0.211	23.11	0.205		
			BPSK	Inner_1RB Right	1	77	23.08	0.203	23.15	0.207	23.28	0.213		
			QPSK		1	77	23.20	0.209	23.26	0.212	23.13	0.206		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	344000 (1 720.0 MHz)		349000 (1 745.0 MHz)		354000 (1 770.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	20	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.01	0.200	23.06	0.202	23.15	0.207	22.89	0.195
			QPSK		1	1	23.24	0.211	23.21	0.209	23.16	0.207		
			BPSK	Inner_1RB Right	1	104	23.03	0.201	23.08	0.203	23.16	0.207		
			QPSK		1	104	23.26	0.212	23.23	0.210	23.15	0.207		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	344500 (1 722.5 MHz)		349000 (1 745.0 MHz)		353500 (1 767.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	25	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.98	0.199	22.99	0.199	23.18	0.208	22.91	0.195
			QPSK		1	1	23.14	0.206	23.16	0.207	23.16	0.207		
			BPSK	Inner_1RB Right	1	131	22.98	0.199	23.01	0.200	23.19	0.208		
			QPSK		1	131	23.28	0.213	23.18	0.208	23.15	0.207		

14A-n66A														
Ant. Gain							-0.37 dB i							
Limit: 1W EIRP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	345000 (1 725.0 MHz)		349000 (1 745.0 MHz)		353000 (1 765.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	30	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.05	0.202	22.96	0.198	23.21	0.209	22.86	0.193
			QPSK		1	1	23.20	0.209	23.16	0.207	23.17	0.207		
			BPSK	Inner_1RB Right	1	158	23.07	0.203	22.98	0.199	23.23	0.210		
			QPSK		1	158	23.22	0.210	23.18	0.208	23.17	0.207		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	345500 (1 745.0 MHz)		349000 (1 745.0 MHz)		352500 (1 745.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	35	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.03	0.201	22.95	0.197	23.22	0.210	22.88	0.194
			QPSK		1	1	23.17	0.207	23.13	0.206	23.16	0.207		
			BPSK	Inner_1RB Right	1	186	23.09	0.204	22.95	0.197	23.20	0.209		
			QPSK		1	186	23.25	0.211	23.16	0.207	23.15	0.207		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	346000 (1 730.0 MHz)		349000 (1 745.0 MHz)		352000 (1 760.0 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	40	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.95	0.197	22.82	0.191	23.27	0.212	22.90	0.195
			QPSK		1	1	23.24	0.211	23.05	0.202	23.11	0.205		
			BPSK	Inner_1RB Right	1	214	22.97	0.198	22.83	0.192	23.14	0.206		
			QPSK		1	214	23.21	0.209	23.08	0.203	23.13	0.206		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	346500 (1 732.5 MHz)		349000 (1 745.0 MHz)		351500 (1 757.5 MHz)		E.I.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	45	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	23.02	0.200	23.03	0.201	23.15	0.207	22.88	0.194
			QPSK		1	1	23.22	0.210	23.19	0.208	23.13	0.206		
			BPSK	Inner_1RB Right	1	240	23.01	0.200	23.07	0.203	23.16	0.207		
			QPSK		1	240	23.24	0.211	23.25	0.211	23.13	0.206		

66A-n71A														
Ant. Gain							-7.25 dB i							
Limit: 3W ERP														
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	133100 (665.5 MHz)		136100 (680.5 MHz)		139100 (695.5 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	5	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.92	0.196	23.06	0.202	<u>23.28</u>	0.213	13.88	0.024
			QPSK		1	1	22.92	0.196	23.07	0.203	23.24	0.211		
			BPSK	Inner_1RB Right	1	23	22.93	0.196	23.07	0.203	23.27	0.212		
			QPSK		1	23	22.91	0.195	23.08	0.203	23.27	0.212		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	133600 (668.0 MHz)		136100 (680.5 MHz)		138600 (693.0 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	10	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.78	0.190	22.97	0.198	23.06	0.202	13.72	0.024
			QPSK		1	1	22.81	0.191	<u>23.12</u>	0.205	23.09	0.204		
			BPSK	Inner_1RB Right	1	50	22.79	0.190	22.98	0.199	23.08	0.203		
			QPSK		1	50	22.86	0.193	23.11	0.205	23.12	0.205		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	134100 (670.5 MHz)		136100 (680.5 MHz)		138100 (690.5 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	15	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.77	0.189	22.84	0.192	23.02	0.200	13.70	0.023
			QPSK		1	1	22.83	0.192	22.98	0.199	23.08	0.203		
			BPSK	Inner_1RB Right	1	77	22.77	0.189	22.84	0.192	23.03	0.201		
			QPSK		1	77	22.85	0.193	22.98	0.199	<u>23.10</u>	0.204		
SCS (kHz)	BW (MHz)	Modulation		RB allocation	RB Size	RB Offset	134600 (673.0 MHz)		136100 (680.5 MHz)		137600 (688.0 MHz)		E.R.P.	
							(dB m)	(W)	(dB m)	(W)	(dB m)	(W)	(dB m)	(W)
15	20	DFT-S OFDM	BPSK	Inner_1RB Left	1	1	22.73	0.187	22.78	0.190	22.95	0.197	13.66	0.023
			QPSK		1	1	22.84	0.192	22.98	0.199	23.05	0.202		
			BPSK	Inner_1RB Right	1	104	22.74	0.188	22.80	0.191	22.98	0.199		
			QPSK		1	104	22.87	0.194	23.00	0.200	<u>23.06</u>	0.202		

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

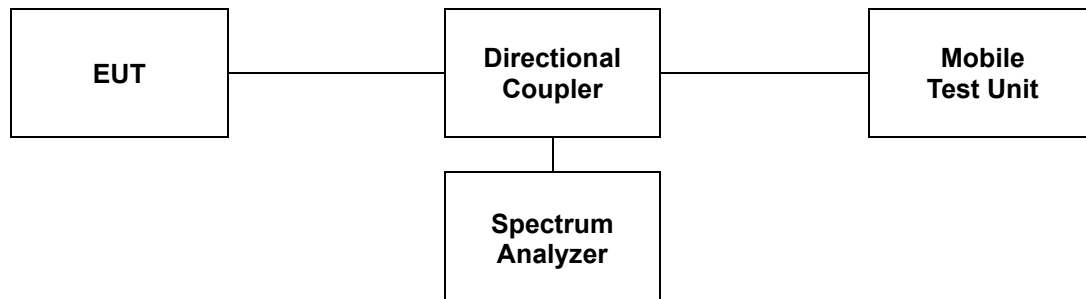
The test follows section 6.7 of RSS-Gen Issue 5.

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 %

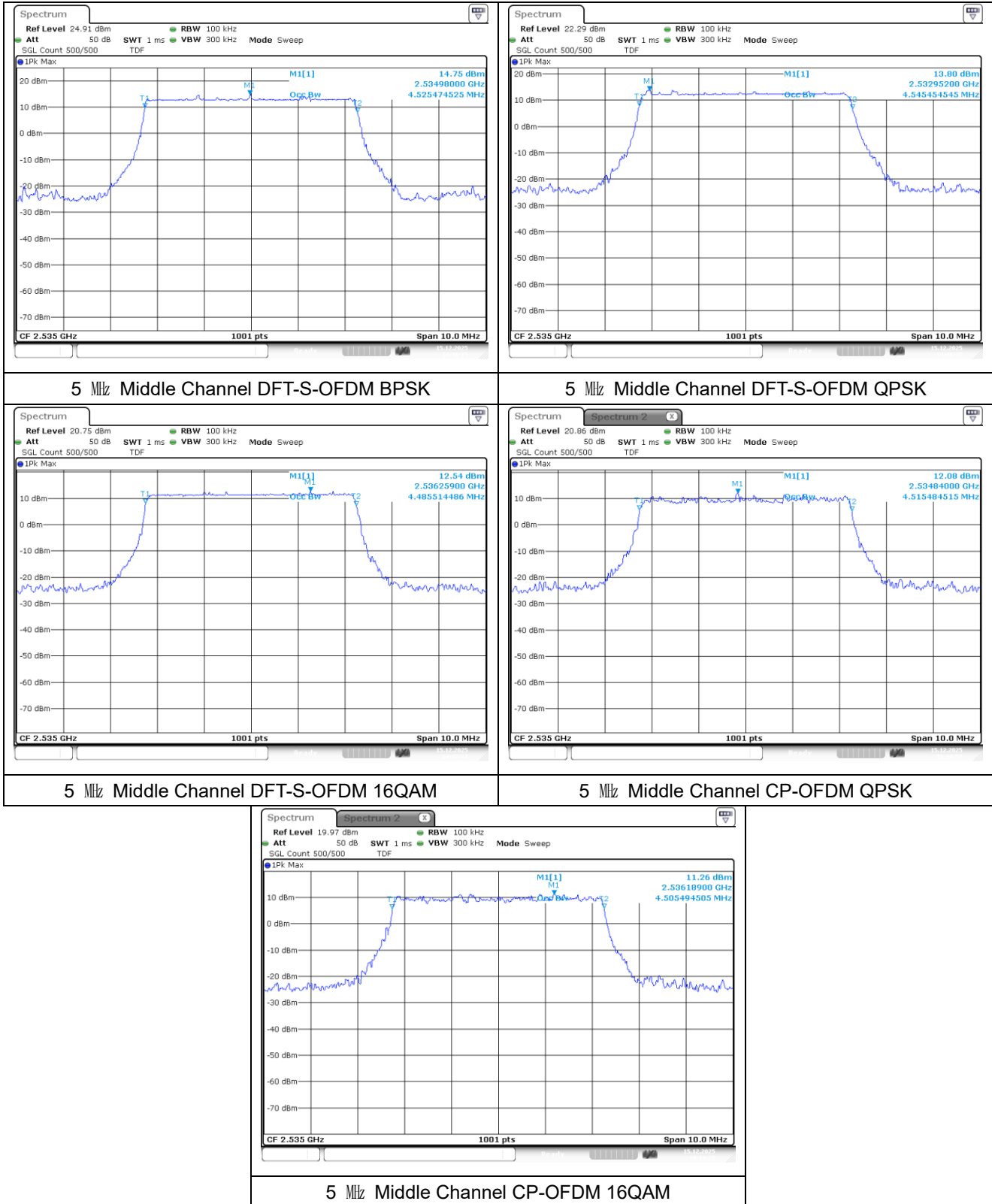
Band	SCS (kHz)	BW (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)				
				DFT-S-OFDM BPSK	DFT-S-OFDM QPSK	DFT-S-OFDM 16QAM	CP-OFDM QPSK	CP-OFDM 16QAM
7	15	5	2 502.5	4.515	4.535	4.406	4.505	4.515
			2 535.0	4.525	4.545	4.486	4.515	4.505
			2 567.5	4.525	4.535	4.476	4.505	4.505
		10	2 505.0	8.940	8.920	8.940	9.300	9.300
			2 535.0	8.940	8.920	8.920	9.300	9.300
			2 565.0	8.940	8.920	8.920	9.300	9.280
		15	2 507.5	13.440	13.410	13.410	14.100	14.130
			2 535.0	13.487	13.440	13.440	14.130	14.160
			2 562.5	13.440	13.410	13.410	14.130	14.160
		20	2 510.0	17.880	17.880	17.880	18.920	18.920
			2 535.0	17.902	17.920	17.880	18.960	18.960
			2 560.0	17.920	17.880	17.920	18.960	18.960
		25	2 512.5	22.900	22.850	22.950	23.750	23.800
			2 535.0	22.950	22.900	22.950	23.850	23.850
			2 557.5	22.950	22.950	22.950	23.750	23.800
		30	2 515.0	28.620	28.560	28.620	28.620	28.560
			2 535.0	28.740	28.680	28.740	28.680	28.680
			2 555.0	28.620	28.620	28.620	28.620	28.620
		35	2 517.5	32.238	32.168	32.098	33.566	33.636
			2 535.0	32.378	32.308	32.238	33.636	33.776
			2 552.5	32.238	32.168	32.168	33.566	33.636
		40	2 520.0	38.640	38.640	38.640	38.720	38.800
			2 535.0	38.800	38.800	38.720	38.800	38.720
			2 550.0	38.720	38.640	38.640	38.640	38.640
		50	2 525.0	48.352	48.252	48.252	48.252	48.252
			2 535.0	48.452	48.352	48.252	48.252	48.352
			2 545.0	48.252	48.252	48.252	48.252	48.252
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	701.5	4.515	4.565	4.466	4.535	4.515
			707.5	4.515	4.515	4.496	4.515	4.505
			713.5	4.525	4.496	4.496	4.535	4.515
		10	704.0	8.971	8.931	8.951	9.291	9.291
			707.5	8.931	8.911	8.911	9.271	9.271
			711.0	8.931	8.911	8.931	9.271	9.251
		15	706.5	13.457	13.427	13.457	14.146	14.116
			707.5	13.427	13.427	13.427	14.116	14.146
			708.5	13.427	13.397	13.397	14.116	14.086

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	1 852.5	4.515	4.496	4.476	4.505	4.515
			1 882.5	4.525	4.505	4.496	4.515	4.496
			1 912.5	4.515	4.535	4.466	4.515	4.525
		10	1 855.0	8.931	8.931	8.911	9.271	9.271
			1 882.5	8.931	8.951	8.931	9.271	9.311
			1 910.0	8.931	8.911	8.931	9.251	9.271
		15	1 857.5	13.427	13.397	13.397	14.086	14.116
			1 882.5	13.427	13.397	13.397	14.116	14.146
			1 907.5	13.397	13.397	13.397	14.086	14.086
		20	1 860.0	17.862	17.862	17.822	18.901	18.901
			1 882.5	17.902	17.862	17.902	18.941	18.901
			1 905.0	17.862	17.862	17.862	18.901	18.901
		25	1 862.5	22.877	22.877	22.877	23.676	23.726
			1 882.5	22.927	22.877	22.877	23.726	23.776
			1 902.5	22.927	22.827	22.877	23.726	23.726
		30	1 865.0	28.591	28.531	28.531	28.651	28.591
			1 882.5	28.651	28.591	28.591	28.711	28.651
			1 900.0	28.531	28.531	28.531	28.591	28.531
		35	1 867.5	32.113	32.113	32.113	33.632	33.632
			1 882.5	32.214	32.214	32.214	33.734	33.632
			1 897.5	32.214	32.214	32.214	33.632	33.632
		40	1 870.0	38.601	38.601	38.521	38.681	38.681
			1 882.5	38.681	38.681	38.601	38.601	38.761
			1 895.0	38.521	38.601	38.521	38.521	38.601
		45	1 872.5	42.977	42.797	42.707	43.157	43.337
			1 882.5	42.887	42.887	42.887	43.247	43.247
			1 892.5	42.887	42.797	42.797	43.247	43.247
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	826.5	4.525	4.496	4.486	4.515	4.505
			836.5	4.515	4.515	4.476	4.505	4.515
			846.5	4.525	4.496	4.486	4.545	4.505
		10	829.0	8.931	8.931	8.931	9.291	9.291
			836.5	8.951	8.931	8.931	9.291	9.291
			844.0	8.931	8.931	8.911	9.271	9.291
		15	831.5	13.516	13.487	13.457	14.146	14.206
			836.5	13.516	13.457	13.487	14.176	14.146
			841.5	13.467	13.427	13.427	14.086	14.146
		20	834.0	17.942	17.902	17.942	18.981	18.981
			836.5	17.942	17.902	17.902	18.901	18.941
			839.0	17.862	17.862	17.862	18.901	18.861
		25	836.5	22.727	22.677	22.727	23.576	23.576
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	816.5	4.505	4.515	4.486	4.515	4.535
			819.0	4.515	4.515	4.486	4.525	4.505
			821.5	4.525	4.486	4.476	4.515	4.496
		10	819.0	8.931	8.931	8.931	9.271	9.291

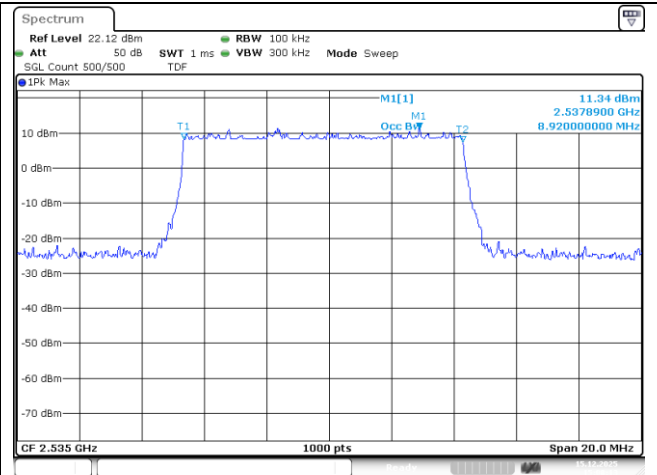
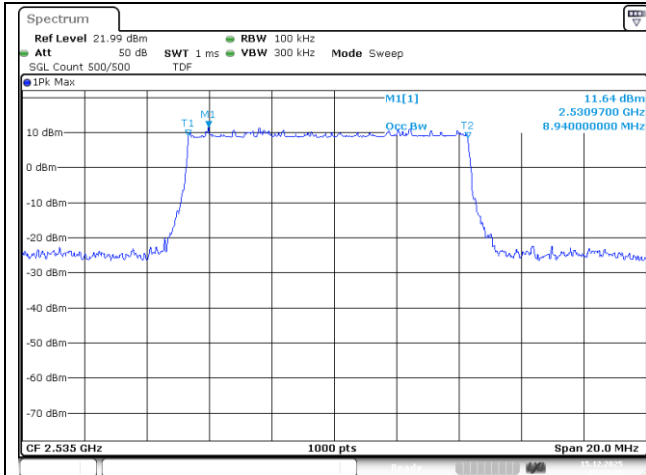
Band	SCS (kHz)	BW (MHz)	Frequency (MHz)	Occupied Bandwidth (MHz)				
				DFT-S-OFDM BPSK	DFT-S-OFDM QPSK	DFT-S-OFDM 16QAM	CP-OFDM QPSK	CP-OFDM 16QAM
66	15	5	1 712.5	4.515	4.525	4.496	4.515	4.515
			1 745.0	4.515	4.525	4.486	4.505	4.515
			1 777.5	4.515	4.515	4.486	4.525	4.505
		10	1 715.0	8.951	8.931	8.931	9.291	9.311
			1 745.0	8.951	8.951	8.931	9.271	9.271
			1 775.0	8.951	8.931	8.931	9.291	9.271
		15	1 717.5	13.546	13.457	13.487	14.176	14.176
			1 745.0	13.487	13.487	13.457	14.146	14.176
			1 772.5	13.487	13.487	13.487	14.146	14.206
		20	1 720.0	17.942	17.942	17.942	18.981	18.981
			1 745.0	17.942	17.942	17.942	19.021	18.981
			1 770.0	17.942	17.942	17.982	18.981	18.981
		25	1 722.5	22.877	22.877	22.877	23.776	23.776
			1 745.0	22.977	22.927	22.977	23.776	23.826
			1 767.5	22.927	22.877	22.927	23.826	23.776
		30	1 725.0	28.651	28.651	28.651	28.651	28.531
			1 745.0	28.651	28.651	28.651	28.651	28.591
			1 765.0	28.591	28.591	28.591	28.651	28.591
		35	1 727.5	32.238	32.168	32.098	33.566	33.636
			1 745.0	32.238	32.238	32.168	33.566	33.636
			1 762.5	32.308	32.168	32.168	33.636	33.636
		40	1 730.0	38.681	38.601	38.681	38.681	38.681
			1 745.0	38.761	38.681	38.681	38.681	38.681
			1 760.0	38.601	38.681	38.601	38.601	38.601
		45	1 732.5	42.887	42.797	42.797	43.247	43.247
			1 745.0	42.887	42.797	42.797	43.247	43.247
			1 757.5	42.887	42.797	42.887	43.247	43.247
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	665.0	4.515	4.496	4.486	4.515	4.496
			680.5	4.515	4.486	4.486	4.515	4.505
			695.5	4.525	4.535	4.476	4.515	4.545
		10	668.0	8.991	8.931	8.911	9.271	9.271
			680.5	8.951	8.911	8.931	9.291	9.271
			693.0	8.951	8.911	8.911	9.291	9.291
		15	670.5	13.516	13.487	13.457	14.146	14.206
			680.5	13.516	13.427	13.457	14.116	14.176
			690.5	13.487	13.487	13.457	14.146	14.206
		20	673.0	17.902	17.862	17.902	18.901	18.901
			680.5	17.862	17.862	17.902	18.901	18.901
			688.0	17.862	17.862	17.862	18.901	18.901

- Test plots

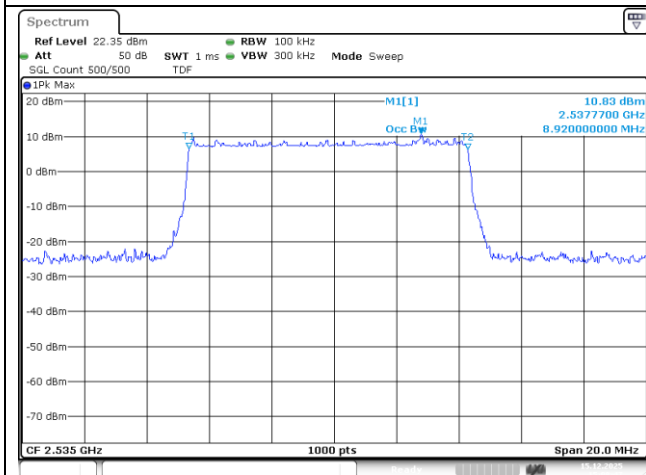
NR band 7



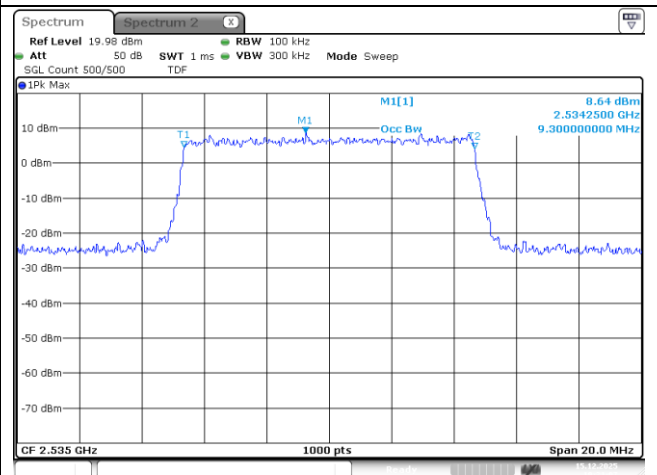
NR band 78



10 MHz Middle Channel DFT-S-OFDM BPSK

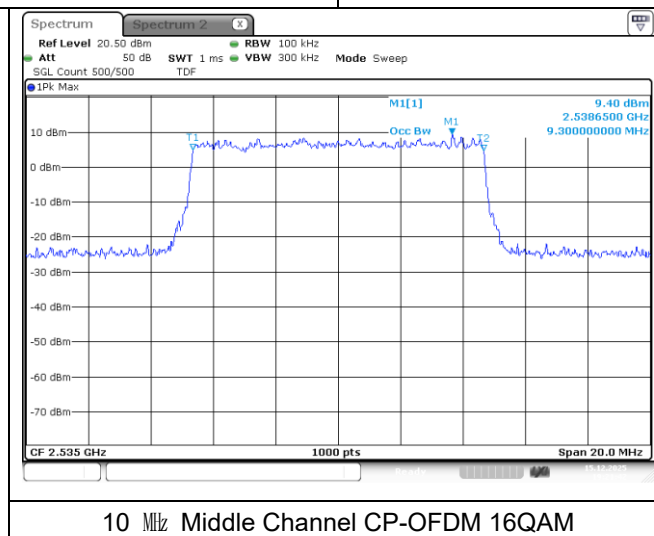


10 MHz Middle Channel DFT-S-OFDM QPSK

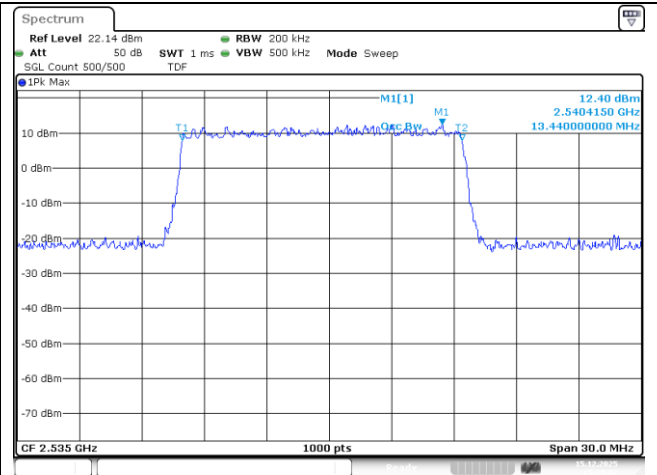
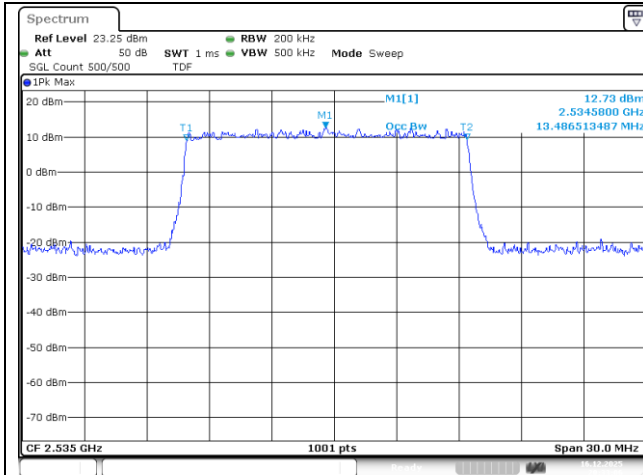


10 MHz Middle Channel DFT-S-OFDM 16QAM

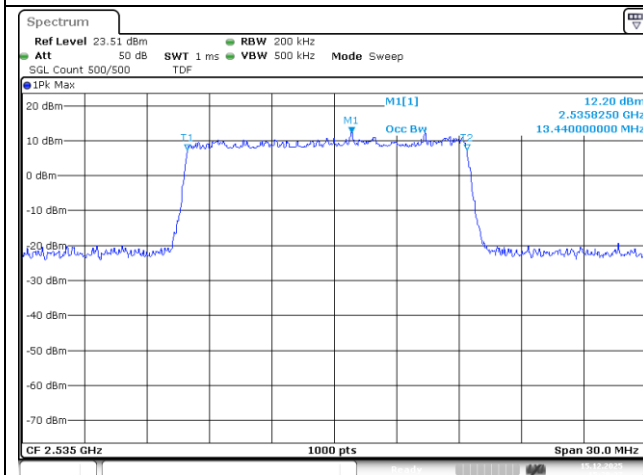
10 MHz Middle Channel CP-OFDM QPSK



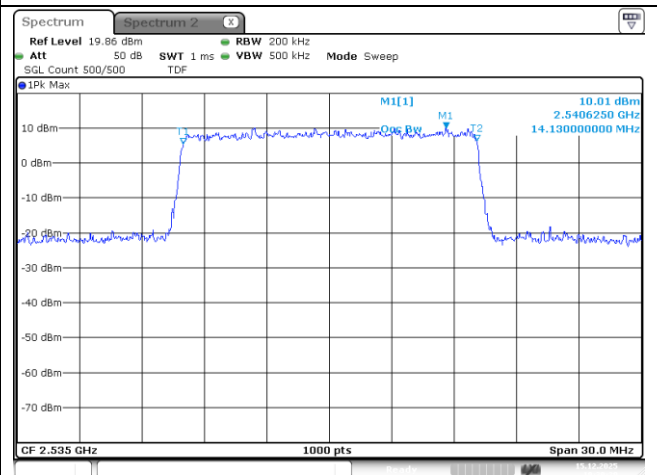
NR band 7



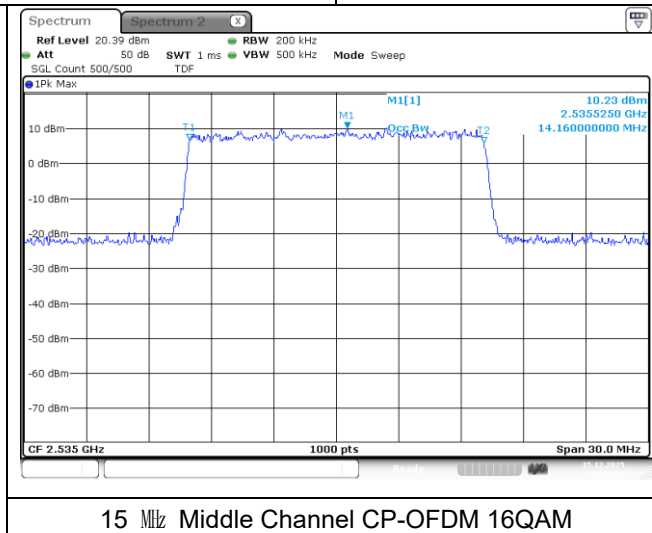
15 MHz Middle Channel DFT-S-OFDM BPSK



15 MHz Middle Channel DFT-S-OFDM QPSK

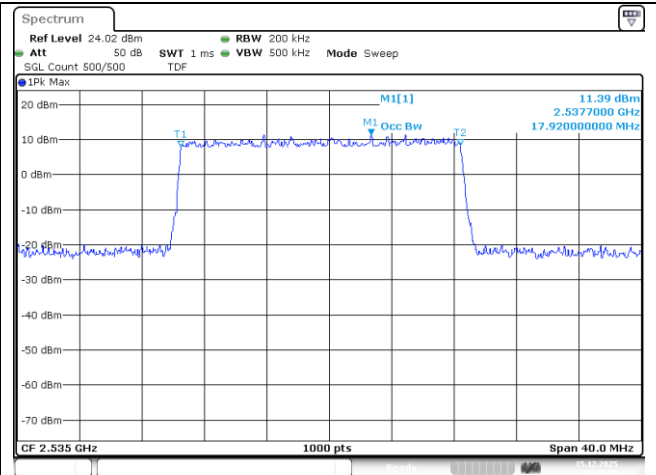
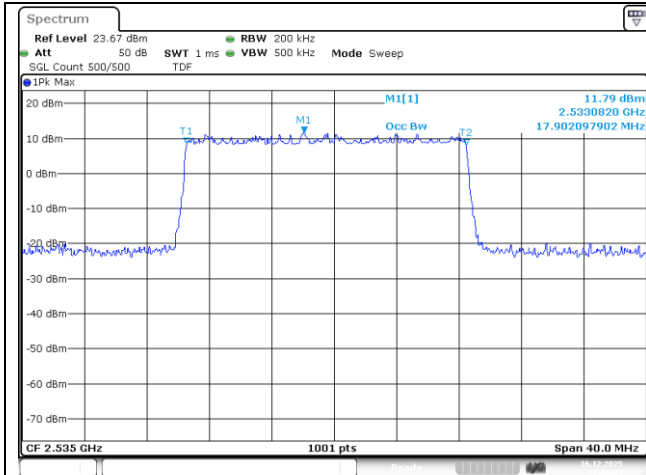


15 MHz Middle Channel DFT-S-OFDM 16QAM

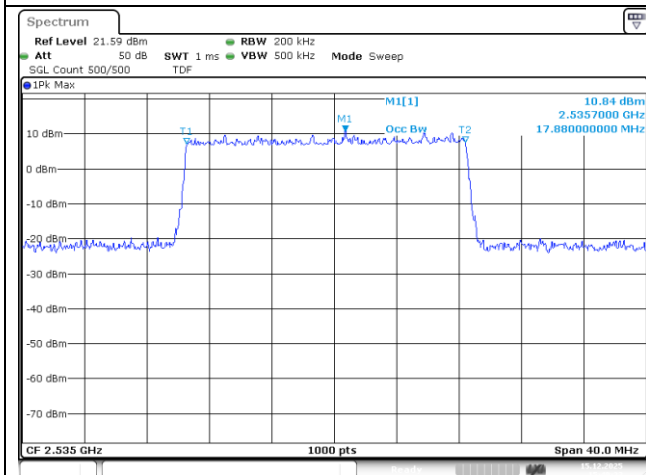


15 MHz Middle Channel CP-OFDM QPSK

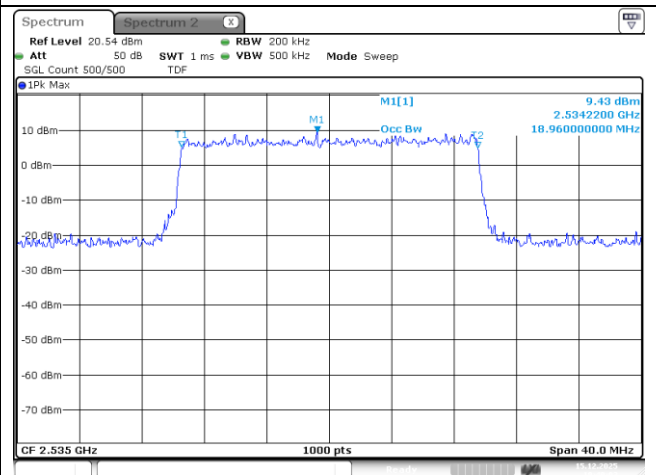
NR band 7



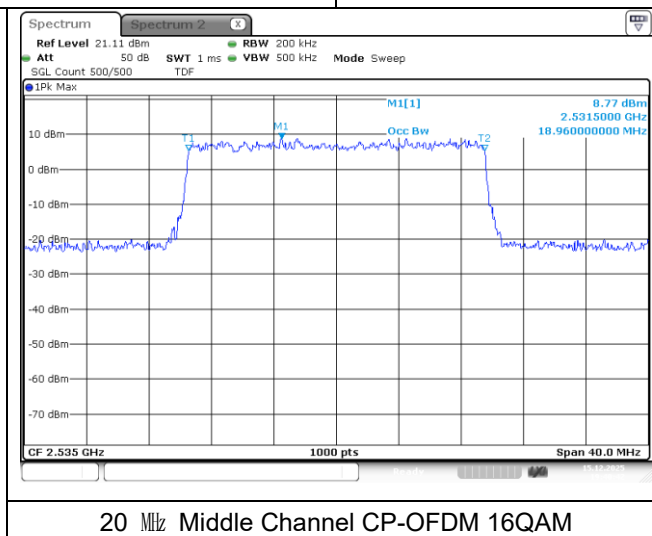
20 MHz Middle Channel DFT-S-OFDM BPSK



20 MHz Middle Channel DFT-S-OFDM QPSK



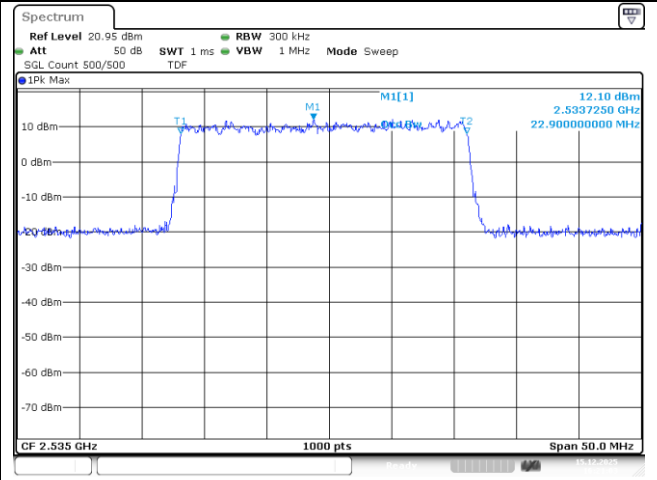
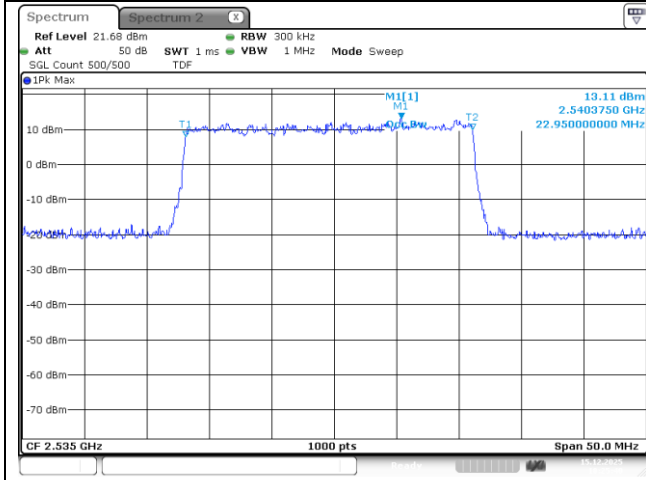
20 MHz Middle Channel DFT-S-OFDM 16QAM



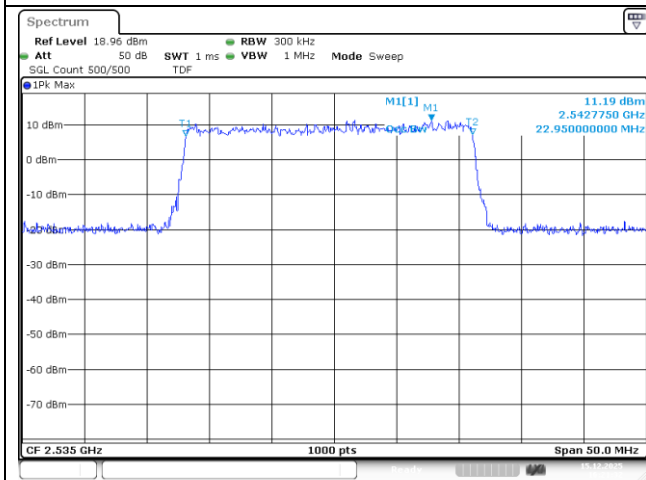
20 MHz Middle Channel CP-OFDM QPSK

20 MHz Middle Channel CP-OFDM 16QAM

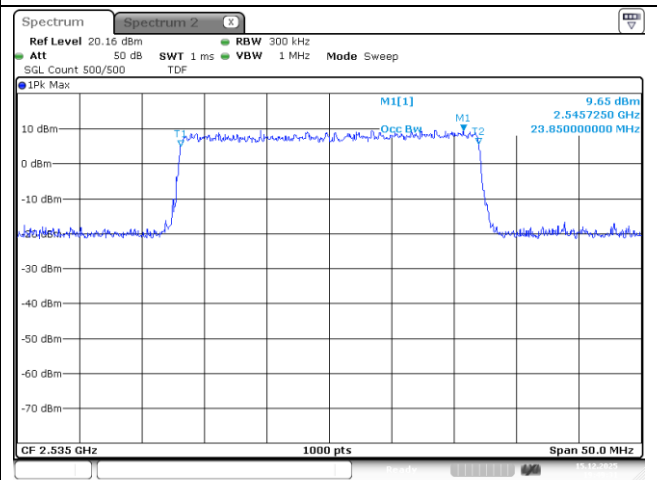
NR band 7



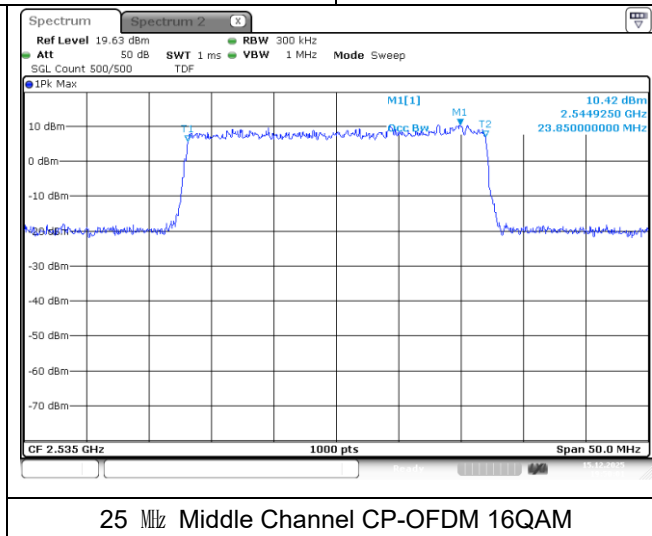
25 MHz Middle Channel DFT-S-OFDM BPSK



25 MHz Middle Channel DFT-S-OFDM QPSK



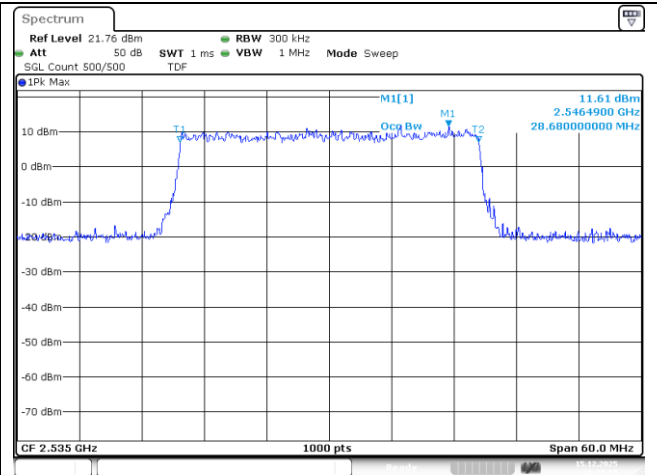
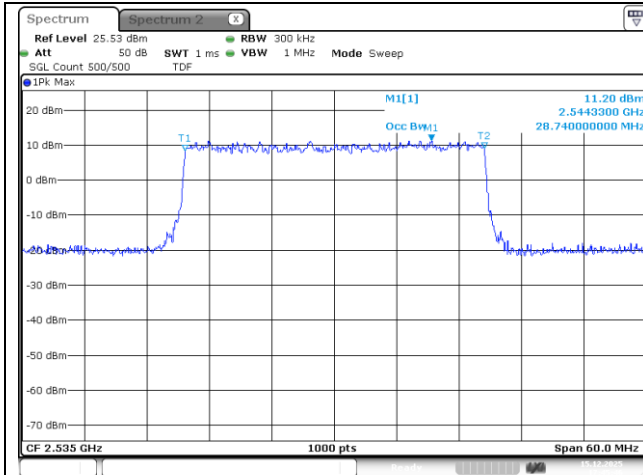
25 MHz Middle Channel DFT-S-OFDM 16QAM



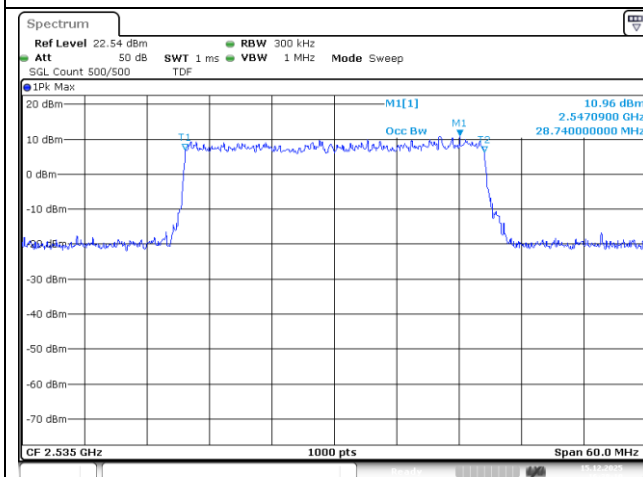
25 MHz Middle Channel CP-OFDM QPSK

25 MHz Middle Channel CP-OFDM 16QAM

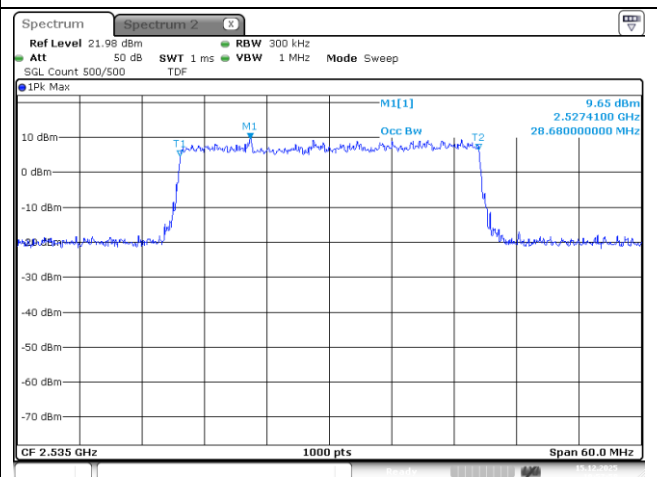
NR band 7



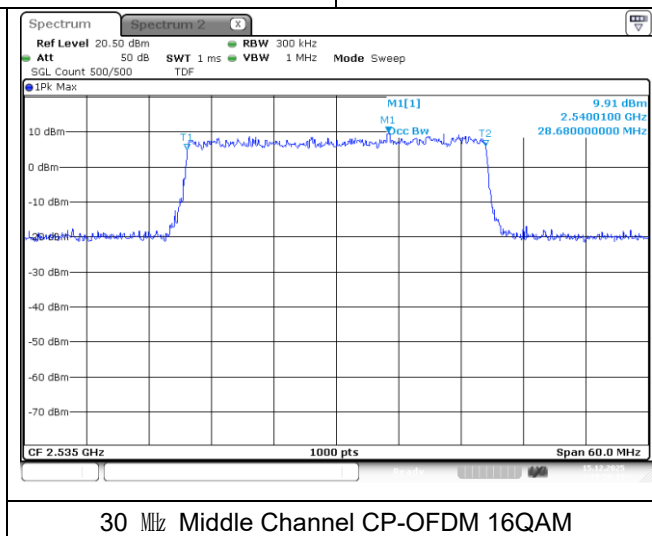
30 MHz Middle Channel DFT-S-OFDM BPSK



30 MHz Middle Channel DFT-S-OFDM QPSK

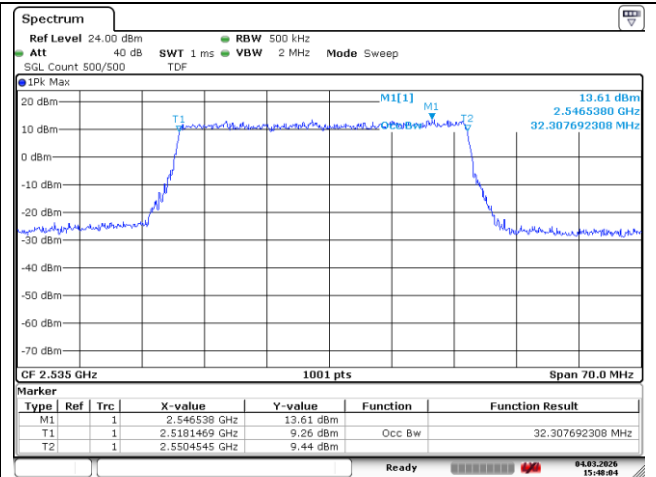
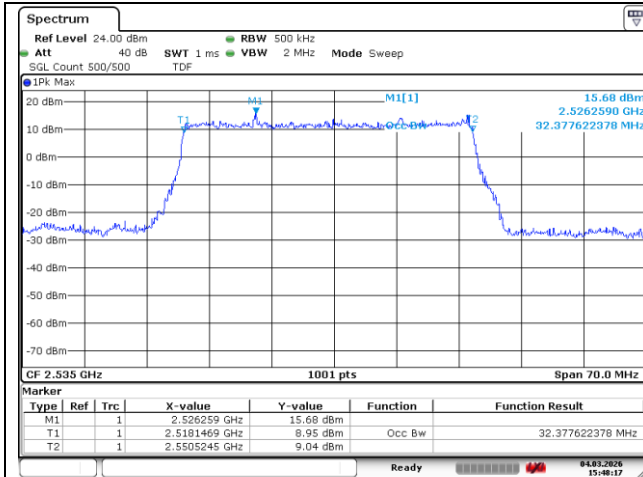


30 MHz Middle Channel DFT-S-OFDM 16QAM

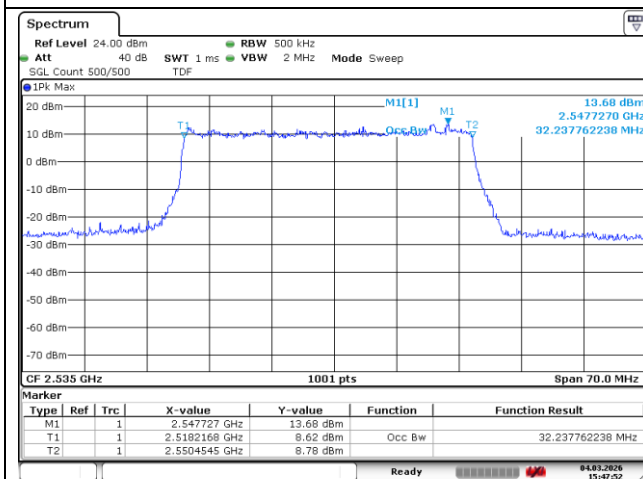


30 MHz Middle Channel CP-OFDM QPSK

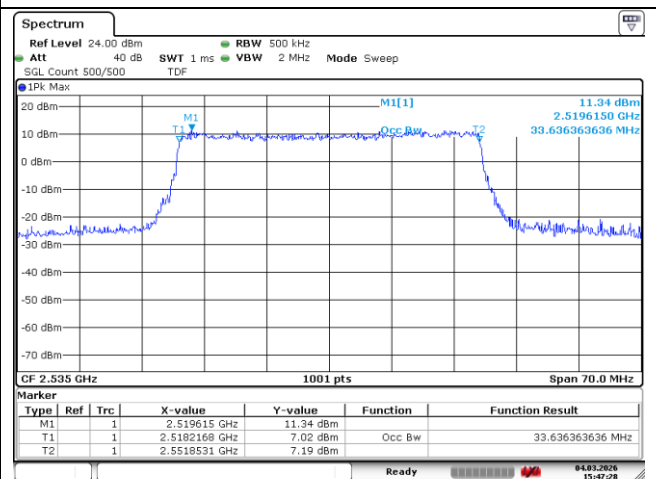
NR band 7



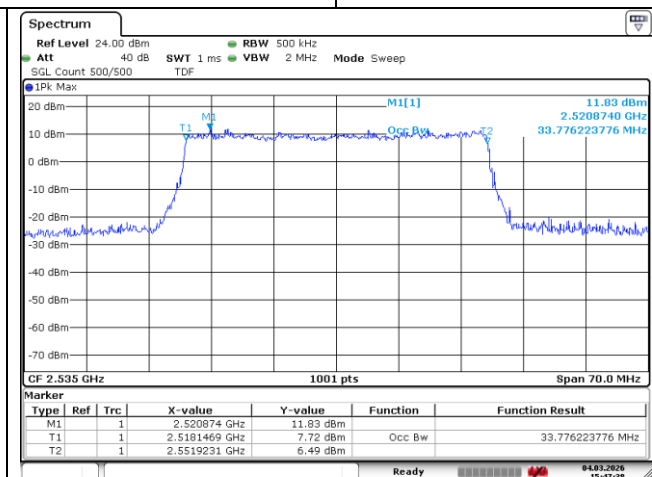
35 MHz Middle Channel DFT-S-OFDM BPSK



35 MHz Middle Channel DFT-S-OFDM QPSK



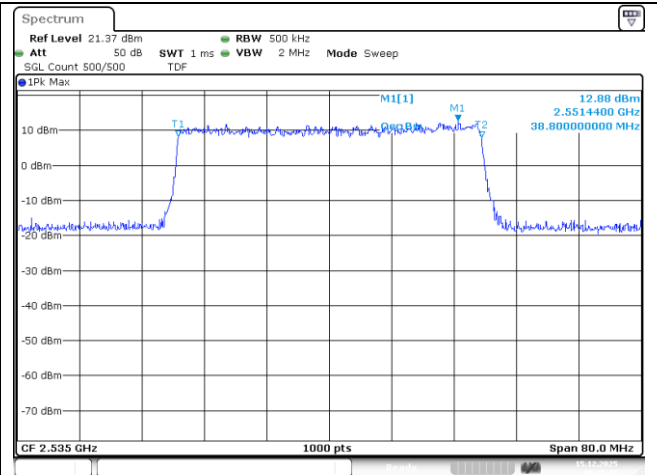
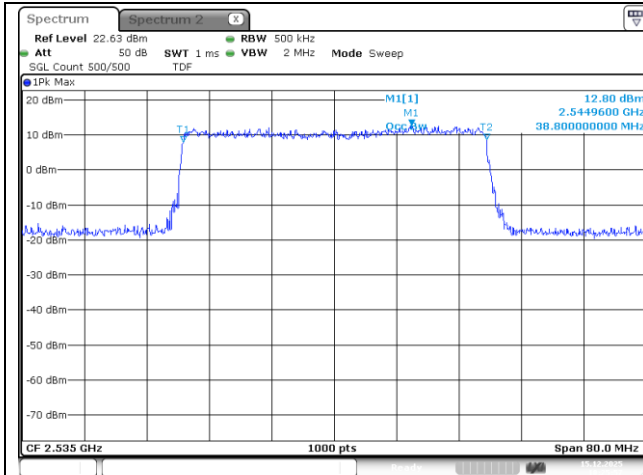
35 MHz Middle Channel DFT-S-OFDM 16QAM



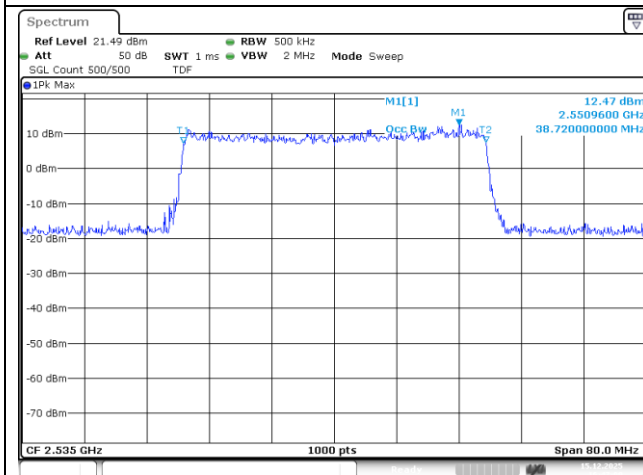
35 MHz Middle Channel CP-OFDM QPSK

35 MHz Middle Channel CP-OFDM 16QAM

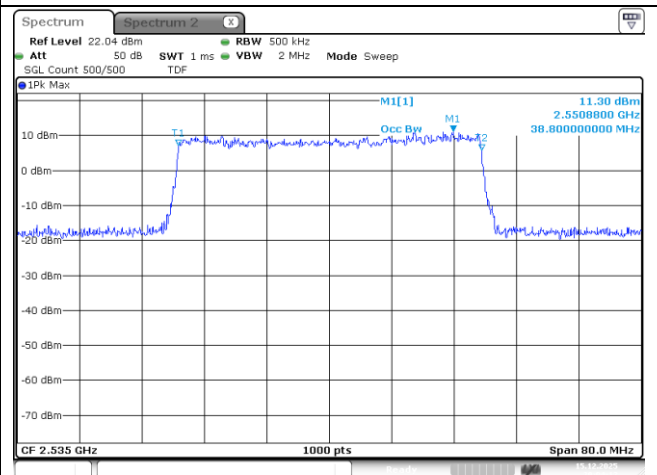
NR band 7



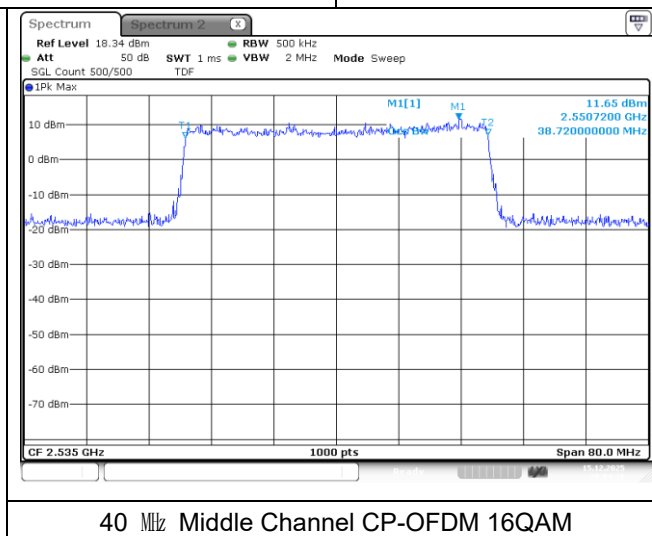
40 MHz Middle Channel DFT-S-OFDM BPSK



40 MHz Middle Channel DFT-S-OFDM QPSK



40 MHz Middle Channel DFT-S-OFDM 16QAM



40 MHz Middle Channel CP-OFDM QPSK