



FCC SAR Test Report FCC ID: XMR2023RM520NGLM

Report No. : BTL-FCC SAR-2-2311T076

Equipment : 5G Sub-6 GHz M.2 Module

Model Name : RM520N-GL Brand Name : Quectel

Applicant: Quectel Wireless Solutions Co., Ltd.

Address : Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road,

Minhang District, Shanghai, China 200233

Radio Function : WLAN 2.4G, WLAN 5G, WLAN 6G, Bluetooth, WCDMA Band II, IV, V, LTE

Band 2, 4, 5, 7, 12, 13, 14, 17, 25, 26, 30, 38, 41, 42, 43, 48 66, 71 and NR

Band 2, 5, 7, 12, 13, 14, 25, 26, 30, 38, 41, 48, 66, 70, 71, 77, 78

Standard(s) : KDB447498 D04 Interim General RF Exposure Guidance v01

KDB865664 D01 SAR measurement 100 MHz to 6 GHz v01r04

KDB865664 D02 SAR Reporting v01r02 KDB616217 D04 SAR for laptop and Tablets KDB248227 D01 802.11 Wi-Fi SAR v02r02 KDB941225 D01 3G SAR Procedures v03r01 KDB941225 D05 SAR for LTE Devices v02r05

FCC§2.1093 Radiofrequency radiation exposure evaluation: portable devices IEEE C95.1:2019 Safety Levels with Respect to Human Exposure to Radio

Frequency Electromagnetic Fields, 3 kHz - 300 GHz.

IEEE Std 1528:2013 Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from

Wireless Communications Devices: Measurement Techniques

Date of Receipt : Nov. 16, 2023

Date of Test : Dec. 12, 2023 ~ Jan. 2, 2024

Issued Date : Mar. 18, 2024

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

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Project No.: 2311T076 Page 1 of 151 Report Version: R04



Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025 requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

Project No.: 2311T076 Page 2 of 151 Report Version: R04

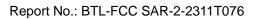




Table of Contents	Page
1. GENERAL INFORMATION	6
1.1. GENERAL DESCRIPTION OF EUT	6
2. SUMMARY OF SAR MEASUREMENT	8
2.1. TEST FACILITY	8
2.2. MEASUREMENT UNCERTAINTY	9
2.3. ANTENNA INFORMATION	11
2.4. THE MAXIMUM SAR 1G VALUES	14
2.5. LABORATORY ENVIRONMENT	15
2.6. MAIN TEST INSTRUMENTS	16
3. SAR MEASUREMENTS SYSTEM CONFIGURATION	17
3.1. SAR MEASUREMENT SETUP	17
3.1.1. TEST SETUP LAYOUT	17
3.2. DASY5 E-FIELD PROBE SYSTEM	18
3.2.1. EX3DV4 PROBE SPECIFICATION	18
3.2.2. E-FIELD PROBE CALIBRATION	19
3.2.3. OTHER TEST EQUIPMENT	20
3.2.4. SCANNING PROCEDURE	21
3.2.5. DATA STORAGE AND EVALUATION	22
3.2.6. DATA EVALUATION BY SEMCAD	23
4. TISSUE-EQUIVALENT LIQUID	25
4.1. TISSUE-EQUIVALENT LIQUID INGREDIENTS	25
4.2. TISSUE-EQUIVALENT LIQUID PROPERTIES	26
5. SYSTEM CHECK	27
5.1. DESCRIPTION OF SYSTEM CHECK	27
5.2. DESCRIPTION OF SYSTEM CHECK	28
6. OPERATIONAL CONDITIONS DURING TEST	29
6.1. GENERAL DESCRIPTION OF TEST PROCEDURES	29
6.2. TEST POSITION ANTENNA LOCATION	29
6.3. TEST POSITION OF PORTABLE DEVICES	29
7. SAR MEASUREMENT VARIABILITY AND UNCERTAINTY	30
7.1. SAR MEASUREMENT VARIABILITY	30
7.2. WCDMA TEST CONFIGURATION	31
7.3. LTE TEST CONFIGURATION	36
8. POWER REDUCTION BY PROXIMITY SENSING	37
8.1. PROCEDURES FOR DETRMINING PROXIMITY SENSOR TRIGGERING DISTANCES	S 37
8.2. PROCEDURES FOR DETRMINING ANTENNA AND PROXIMITY SENSOR COVERAGE	GE 38
8.3. PROXIMITY SENSOR STATUS TABLE OF TRIGGER DISTANCE	39
8.4. POWER REDUCTION PER AIR-INTERFACE	40
9. CONDUCTED POWER RESULTS	41

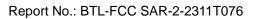




Table of Contents	Page
9.1. CONDUCTED POWER MEASUREMENTS OF UMTS BAND	41
9.2. CONDUCTED POWER MEASUREMENTS OF LTE BAND	44
9.3. CONDUCTED POWER MEASUREMENTS OF 5G NR BAND	81
9.4. CONDUCTED POWER MEASUREMENTS OF BLUETOOTH	129
9.5. CONDUCTED POWER MEASUREMENTS OF WI-FI 2.4GHZ BAND	130
9.6. CONDUCTED POWER MEASUREMENTS OF 5G UNII_1	131
9.7. CONDUCTED POWER MEASUREMENTS OF 5G UNII_2A	132
9.8. CONDUCTED POWER MEASUREMENTS OF 5G UNII_2C	133
9.9. CONDUCTED POWER MEASUREMENTS OF 5G UNII_3	134
9.10. CONDUCTED POWER MEASUREMENTS OF 5G UNII_4	135
9.11. CONDUCTED POWER MEASUREMENTS OF 6G UNII_5	136
9.12. CONDUCTED POWER MEASUREMENTS OF 6G UNII_6	137
9.13. CONDUCTED POWER MEASUREMENTS OF 6G UNII_7	138
9.14. CONDUCTED POWER MEASUREMENTS OF 6G UNII_8	139
9.15. SAR TEST RESULTS	140
10. SAR TEST RESULTS	141
10.1. SAR TEST RESULT	141
11. TEST LAYOUT	150



REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	2024/1/22
R01	Add NFC RF Exposure Note in section 2.4.	2024/2/21
R02	Add 5G NR n77/78 Note & P-Sensor Note.	2024/3/4
R03	Add Simultaneous transmission conditions	2024/3/15
R04	Revise Host device and antenna parts number	2024/3/18

Project No.: 2311T076 Page 5 of 151 Report Version: R04



1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

Equipment	5G Sub-6 GHz M.2 Module				
Model Name	RM520N-GL				
Brand Name	Quectel	Quectel			
Host device information					
Equipment	Notebook Computer				
Model Name	TP00160A				
Brand Name	Lenovo				
Power Rating	Input: 100-240A~1.8	Model: ADLX65YSDC2A Input: 100-240A~1.8A 50-60Hz Output: 20.0VDC 3.25A 65.0W / 15.0VDC 3.0A / 9.0VDC 3.0A / 5.0VDC 3.0A			
Battery Information					
WLAN Module	Intel® / AX211D2W /	BE200D2W			
WWAN Module	Quectel / RM520N-0				
NFC Module	FOXCONN / T77H74	47			
	Function	Band	Frequency (MHz)		
		2.4G	TX : 2412 - 2472		
		5G_UNII 1	TX : 5180 - 5240		
		5G_UNII 2a	TX : 5250 - 5350		
		5G_UNII 2c	TX : 5500 - 5700		
	WiFi	5G_UNII 3	TX : 5745 - 5825		
Operation Frequency	VVIII	5G_UNII 4	TX : 5850 - 5895		
Operation requestey		6G_UNII 5	TX : 5925 - 6425		
		6G_UNII 6	TX : 6425 – 6525		
		6G_UNII 7	TX : 6525 – 6875		
		6G_UNII 8	TX : 6875 – 7125		
		Basic Rate (BR)	TX : 2402 - 2480		
	Bluetooth	Enhance Data Rate	TX : 2402 - 2480		
		Bluetooth Low Energy	TX : 2402 - 2480		

Project No.: 2311T076 Page 6 of 151 Report Version: R04



	Function	Band	Frequency (MHz)
		UMTS Band II	TX : 1850 - 1910
	WCDMA	UMTS Band IV	TX : 1710 - 1755
		UMTS Band V	TX : 824 - 849
		LTE Band 2	TX : 1850 - 1910
		LTE Band 4	TX : 1710 - 1755
		LTE Band 5	TX : 824 - 849
		LTE Band 7	TX : 2500 - 2570
		LTE Band 12	TX : 699 - 716
		LTE Band 13	TX : 777 - 787
		LTE Band 14	TX : 788 - 798
		LTE Band 17	TX : 704 - 716
	1.75	LTE Band 25	TX : 1850 - 1915
	LTE	LTE Band 26	TX : 814 - 849
		LTE Band 30	TX : 2305 - 2315
		LTE Band 38	TX : 2570 - 2620
		LTE Band 41	TX : 2496 - 2690
		LTE Band 42	TX : 3400 - 3600
		LTE Band 43	TX : 3600 - 3800
Operation Frequency		LTE Band 48	TX : 3550 - 3700
		LTE Band 66	TX : 1710 - 1780
		LTE Band 71	TX : 663 - 698
		NR Band 2	TX : 1850 - 1910
		NR Band 5	TX : 824 - 849
		NR Band 7	TX : 2500 - 2570
		NR Band 12	TX : 699 - 716
		NR Band 13	TX : 777 - 787
		NR Band 14	TX : 788 - 798
		NR Band 25	TX : 1850 - 1915
		NR Band 26	TX : 814 - 849
	NR	NR Band 30	TX : 2305 - 2315
		NR Band 38	TX : 2570 - 2620
		NR Band 41	TX : 2496 - 2690
		NR Band 48	TX : 3550 - 3700
		NR Band 66	TX : 1710 - 1780
		NR Band 70	TX : 1695 - 1710
		NR Band 71	TX : 663 - 698
		NR Band 77	TX : 3300 - 4200
		NR Band 78	TX : 3300 - 3800
est Model	TP00160A		
Sample Status	Engineering Sample		
EUT Modification(s)	N/A		

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCC SAR-2-2311T076) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).



Report No.: BTL-FCC SAR-2-2311T076 2. SUMMARY OF SAR MEASUREMENT 2.1. TEST FACILITY The test locations stated below are under the TAF Accreditation Number 0659. The test facilities used to collect the test data in this report is SAR Test room at the location of No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan. (FCC DN: TW0659) SAR 01 SAR 02 ☐ SAR 03

Project No.: 2311T076 Page 8 of 151 Report Version: R04



2.2. MEASUREMENT UNCERTAINTY

Uncertainty Budget for Frequency range of 300 MHz to 3 GHz

Error Description	Uncertainty Value (± %)	Probability Distribution	Divisor	Ci (1g)	Ci (10g)	Standard Uncertainty (1g)	Standard Uncertainty (10g)	Vi V _{eff}
		Measureme	ent Systen	n	ī			
Probe Calibration	6.0	Normal	1	1	1	± 6.0 %	± 6.0 %	∞
Axial Isotropy	4.7	Rectangular	$\sqrt{3}$	0.7	0.7	± 1.9 %	± 1.9 %	∞
Hemispherical Isotropy	9.6	Rectangular	$\sqrt{3}$	0.7	0.7	± 3.9 %	± 3.9 %	∞
Boundary Effects	1	Rectangular	$\sqrt{3}$	1	1	± 0.6 %	± 0.6 %	∞
Linearity	4.7	Rectangular	$\sqrt{3}$	1	1	± 2.7 %	± 2.7 %	∞
Detection Limits	1	Rectangular	$\sqrt{3}$	1	1	± 0.6 %	± 0.6 %	∞
Modulation response	2.4	Rectangular	$\sqrt{3}$	1	1	± 1.4 %	± 1.4 %	∞
Readout Electronics	0.3	Normal	1	1	1	± 0.3 %	± 0.3 %	8
Response Time	0.8	Rectangular	$\sqrt{3}$	1	1	± 0.5%	± 0.5 %	8
Integration Time	2.6	Rectangular	$\sqrt{3}$	1	1	± 1.5 %	± 1.5 %	8
RF Ambient – Noise	3	Rectangular	$\sqrt{3}$	1	1	± 1.7 %	± 1.7 %	8
RF Ambient– Reflections	3	Rectangula	$\sqrt{3}$	1	1	± 1.7 %	± 1.7 %	8
Probe Positioner	0.02	Rectangular	$\sqrt{3}$	1	1	± 0.0 %	± 0.0 %	8
Probe Positioning	0.4	Rectangular	$\sqrt{3}$	1	1	± 0.2 %	± 0.2 %	8
Max.SAR Evaluation	2	Rectangular	$\sqrt{3}$	1	1	± 1.2 %	± 1.2 %	8
		Test Samp	le Related					
Device Positioning	2.9	Normal	1	1	1	± 2.9 %	± 2.9 %	145
Device Holder	3.6	Normal	1	1	1	± 3.6 %	± 3.6 %	5
Power Drift	5.0	Rectangular	$\sqrt{3}$	1	1	± 2.9 %	± 2.9 %	∞
		Phantom a	and Setup					
Phantom Production Tolerances	6.1	Rectangular	$\sqrt{3}$	1	1	± 3.5 %	± 3.5 %	∞
SAR correction	1.9	Rectangular	$\sqrt{3}$	1	0.84	± 1.9 %	± 1.6 %	
Liquid Conductivity (mea.)	2.5	Rectangular	$\sqrt{3}$	0.78	0.71	± 2.0 %	± 1.8 %	∞
Liquid Permittivity (mea.)	2.5	Rectangular	$\sqrt{3}$	0.26	0.26	± 0.6 %	± 0.7 %	∞
Temp. unc Conductivity	3.4	Rectangular	$\sqrt{3}$	0.78	0.71	± 1.5 %	± 1.4 %	~
Temp. unc Permittivity	0.4	Rectangular	$\sqrt{3}$	0.23	0.26	± 0.1 %	± 0.1 %	8
Combined	Standard Unc	ertainty (K = 1)				± 11.28 %	± 11.19 %	361
Expai	nded Uncertain	ity (K = 2)				± 22.56 %	± 22.37 %	



Uncertainty Budget for Frequency range of 3 GHz to 6 GHz								
Error Description	Uncertainty Value (± %)	Probability Distribution	Divisor	Ci (1g)	Ci (10g)	Standard Uncertainty (1g)	Standard Uncertainty (10g)	Vi V _{eff}
		Measu	rement Sy	stem				
Probe Calibration	7.00	Normal	1	1	1	± 7.0 %	± 7.00 %	∞
Axial Isotropy	4.7	Rectangular	$\sqrt{3}$	0.7	0.7	± 1.9 %	± 1.9 %	∞
Hemispherical Isotropy	9.6	Rectangular	$\sqrt{3}$	0.7	0.7	± 3.9 %	± 3.9 %	∞
Boundary Effects	2	Rectangular	$\sqrt{3}$	1	1	± 1.2 %	± 1.2 %	∞
Linearity	4.7	Rectangular	$\sqrt{3}$	1	1	± 2.7 %	± 2.7 %	∞
Detection Limits	1	Rectangular	$\sqrt{3}$	1	1	± 0.6 %	± 0.6 %	∞
Modulation response	2.4	Rectangular	$\sqrt{3}$	1	1	±1.4 %	±1.4 %	∞
Readout Electronics	0.3	Normal	1	1	1	± 0.3 %	± 0.3 %	∞
Response Time	0.8	Rectangular	$\sqrt{3}$	1	1	± 0.5%	± 0.5 %	∞
Integration Time	2.6	Rectangular	$\sqrt{3}$	1	1	± 1.5 %	± 1.5 %	∞
RF Ambient – Noise	3	Rectangular	$\sqrt{3}$	1	1	± 1.7 %	± 1.7 %	∞
RF Ambient– Reflections	3	Rectangular	$\sqrt{3}$	1	1	± 1.7 %	± 1.7 %	∞
Probe Positioner	0.04	Rectangular	$\sqrt{3}$	1	1	± 0.0 %	± 0.0 %	~
Probe Positioning	0.8	Rectangular	$\sqrt{3}$	1	1	± 0.5 %	± 0.5 %	∞
Max.SAR Evaluation	4	Rectangular	$\sqrt{3}$	1	1	± 2.3 %	± 2.3 %	∞
		Test S	ample Rel	ated				
Device Positioning	2.9	Normal	1	1	1	± 2.9 %	± 2.9 %	145
Device Holder	3.6	Normal	1	1	1	± 3.6 %	± 3.6 %	5
Power Drift	5.0	Rectangular	$\sqrt{3}$	1	1	± 2.9 %	± 2.9 %	∞
		Phant	tom and Se	etup	•	-		
Phantom Production Tolerances	6.6	Rectangular	$\sqrt{3}$	1	1	± 3.8 %	± 3.8 %	∞
SAR correction	1.9	Rectangular	$\sqrt{3}$	1	0.84	± 1.9 %	± 1.6 %	
Liquid Conductivity (mea.)	2.5	Rectangular	$\sqrt{3}$	0.78	0.71	± 2.0 %	± 1.8 %	∞
Liquid Permittivity (mea.)	2.5	Rectangular	$\sqrt{3}$	0.26	0.26	± 0.6 %	± 0.7 %	∞
Temp. unc Conductivity	3.4	Rectangular	$\sqrt{3}$	0.78	0.71	± 1.5 %	± 1.4 %	∞
Temp. unc Permittivity	0.4	Rectangular	$\sqrt{3}$	0.23	0.26	± 0.1 %	± 0.1 %	∞
Comb	ined Standard	Uncertainty (K	= 1)			± 12.14 %	± 12.06 %	361
E	xpanded Unce	rtainty (K = 2)				± 24.28 %	± 24.12 %	



2.3. Antenna Information

For WLAN

Antenna	Manufacture	Part Number	Туре	Frequency Range (MHz)	Gain (dBi)	
				2400-2483.5	1.13	
				5150-5250	2.48	
				5250-5350	2.48	
				5470-5725	3.11	
Main	Luxshare-ICT	DC330022B00	PIFA	5725-5825	3.03	
IVIAIII	Luxsiiaie-iCi	DC330022B00	FIFA	5850-5895	1.85	
				5925-6425	2.22	
				6425-6525	1.95	
				6525-6875	1.42	
				6875-7125	1.13	
					2400-2483.5	1.26
					5150-5250	2.68
				5250-5350	2.14	
				5470-5725	3.05	
Aux	Luxshare-ICT	DC330022B00	PIFA	5725-5825	3.05	
Aux	Luxsiiaie-iCi	DC330022B00	FIFA	5850-5895	2.21	
				5925-6425	3.37	
				6425-6525	3.37	
				6525-6875	3.32	
				6875-7125	2.11	

Antenna	Manufacture	Part Number	Туре	Frequency Range (MHz)	Gain (dBi)
				2400-2483.5	1.13
				5150-5250	2.48
				5250-5350	2.48
				5470-5725	3.11
Main	SPEEDWIRE	DC330022J00	PIFA	5725-5850	3.03
IVIAIII	SPEEDWIKE	DC330022300	FIFA	5850-5895	1.85
				5925-6425	2.22
				6425-6525	1.95
				6525-6875	1.42
				6875-7125	1.13
				2400-2483.5	1.26
				5150-5250	2.68
				5250-5350	2.14
				5470-5725	3.05
Aux	SPEEDWIRE	DC330022J00	PIFA	5725-5850	3.05
Aux	SPEEDWIKE	DC330022300	FIFA	5850-5895	2.21
				5925-6425	3.37
				6425-6525	3.37
				6525-6875	3.32
				6875-7125	2.11



For WWAN

Antenna	Manufacture	P/N	Type	Gain (dBi)	Note
				-2.96	UMTS-Band II
				-0.06	UMTS-Band IV
				-1.59	UMTS-Band V
				-2.96	LTE/NR Band 2
				-0.06	LTE Band 4
				-1.59	LTE/NR Band 5
				-2.97	LTE/NR Band 7
				-1.00	LTE/NR Band 12
				-3.31	LTE/NR Band 13
				-3.93	LTE/NR Band 14
				-1.23	LTE Band 17
Main	Luxshare-ICT	DC330022C00	PIFA	-2.88	LTE/NR Band 25
				-1.64	LTE/NR Band 26
				0.73	LTE/NR Band 30
				-3.39	LTE/NR Band 38
				-0.82	LTE/NR Band 41
				0.95	LTE Band 42
				0.95	LTE Band 43
				0.83	LTE/NR Band 48
				-0.06	LTE/NR Band 66
				-0.41	LTE/NR Band 71
				-0.10	NR Band 77
				0.83	NR Band 78
Aux	Luxshare-ICT	DC330022D00	PIFA	-	RX only
MIMO1	Luxshare-ICT	DC330022C00	PIFA	-	RX only
				0.51	LTE Band 42
				0.22	LTE Band 43
				1.01	NR Band 38
MIMOS	Luvebere ICT	DC330033D00	DIEA	0.87	NR Band 41
MIMO2	Luxshare-ICT	DC330022D00	PIFA	0.22	NR Band 48
				1.81	NR Band 70
				-0.19	NR Band 77
				0.22	NR Band 78



Antenna	Manufacture	P/N	Type	Gain (dBi)	Note
				-2.96	UMTS-Band II
				-0.06	UMTS-Band IV
				-1.59	UMTS-Band V
				-2.96	LTE/NR Band 2
				-0.06	LTE Band 4
				-1.59	LTE/NR Band 5
				-2.97	LTE/NR Band 7
				-1.00	LTE/NR Band 12
				-3.31	LTE/NR Band 13
				-3.93	LTE/NR Band 14
				-1.23	LTE Band 17
Main	SPEEDWIRE	DC330022J10	PIFA	-2.88	LTE/NR Band 25
				-1.64	LTE/NR Band 26
				0.73	LTE/NR Band 30
				-3.39	LTE/NR Band 38
				-0.82	LTE/NR Band 41
				0.95	LTE Band 42
				0.95	LTE Band 43
				0.83	LTE/NR Band 48
				-0.06	LTE/NR Band 66
				-0.41	LTE/NR Band 71
			-0.10	NR Band 77	
				0.83	NR Band 78
Aux	SPEEDWIRE	DC330022J20	PIFA	-	RX only
MIMO1	SPEEDWIRE	DC330022J10	PIFA	-	RX only
				0.51	LTE Band 42
				0.22	LTE Band 43
				1.01	NR Band 38
NAINAOO	CDEED/AIDE	DC330033 I30	חובי	0.87	NR Band 41
MIMO2	SPEEDWIRE	DC330022J20	PIFA	0.22	NR Band 48
				1.81	NR Band 70
				-0.19	NR Band 77
				0.22	NR Band 78

Note:

The above Antenna information are derived from the antenna data sheet provided by manufacturer and for mo re detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be he ld responsible.

Project No.: 2311T076 Page 13 of 151 Report Version: R04



2.4. The Maximum SAR 1g Values

Mode	Distance(mm)	Highest Body Reported SAR-1g(W/kg)
UMTS Band II	0	0.917
UMTS Band IV	0	1.123
UMTS Band V	0	0.967
LTE Band 2	0	0.828
LTE Band 4	0	0.957
LTE Band 5	0	0.862
LTE Band 7	0	1.015
LTE Band 12	0	0.858
LTE Band 13	0	0.980
LTE Band 14	0	0.955
LTE Band 17	0	0.832
LTE Band 25	0	0.791
LTE Band 26	0	0.812
LTE Band 30	0	1.110
LTE Band 38	0	0.847
LTE Band 41	0	0.812
LTE Band 42	0	0.421
LTE Band 43	0	0.361
LTE Band 48	0	0.330
LTE Band 66	0	1.115
LTE Band 71	0	0.738
NR Band 2	0	0.895
NR Band 5	0	0.804
NR Band 7	0	0.900
NR Band 12	0	0.748
NR Band 13	0	0.782
NR Band 14	0	1.128
NR Band 25	0	0.844
NR Band 26	0	0.871
NR Band 30	0	1.159
NR Band 38	0	0.576
NR Band 41	0	0.794
NR Band 48	0	0.743
NR Band 66	0	1.022
NR Band 70	0	1.133
NR Band 71	0	0.870
NR Band 77/78	0	0.799



Note:

- 1) The device is in compliance with Specific Absorption Rate(SAR) for general population uncontrolled exposure limits according to the FCC rule §2.1093, the ANSI C95.1:2019/IEEE C95.1:2019, the NCRP Report Number 86 for uncontrolled environment and had been tested in accordance with the measurement methods and procedures specified in IEEE Std 1528:2013.
- 2) This NFC FCC ID: MCLT77H747 RF Exposure was address in report no.: SFBHQC-WTW-P22070414A and 1mW exemption is applicable for the NFC transmitter and cannot use estimated SAR for Sim-Tx analysis.
- 3) NR Band 77 (3450 ~ 3550 MHz and 3700 ~ 3980 MHz) overlaps the entire frequency range of NR Band 78 (3450 ~ 3550 MHz and 3700 ~ 3800 MHz). Therefore, test data provided in this report covers Band 77 as well as Band 78.

2.5. Laboratory Environment

Temperature	Min. = 18°C, Max. = 25°C			
Relative humidity	Min. = 30%, Max. = 70%			
Ground system resistance	< 0.5Ω			
Ambient noise is checked and found very low and in compliance with requirement of standards				

Ambient noise is checked and found very low and in compliance with requirement of standards. Reflection of surrounding objects is minimized and in compliance with requirement of standards.

Project No.: 2311T076 Page 15 of 151 Report Version: R04



2.6. Main Test Instruments

Item	Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. Interval
1	DASY5	Speag	DASY 5(Version 52.10.4.1535)	N/A	N/A	N/A
2	Data Acquisition Electronics	Speag	DAE4	1289	Jun. 16, 2023	1 Year
3	Data Acquisition Electronics	Speag	DAE4	1486	Jun. 16, 2023	1 Year
4	E-field Probe	Speag	EX3DV4	7369	May. 22, 2023	1 Year
5	E-field Probe	Speag	EX3DV4	7678	Aug. 17, 2023	1 Year
6	System Validation Dipole	Speag	D750V3	1145	May. 27, 2022	3 Year
7	System Validation Dipole	Speag	D835V2	4d084	Apr. 13, 2021	3 Year
8	System Validation Dipole	Speag	D1800V2	2d210	May. 30, 2022	3 Year
9	System Validation Dipole	Speag	D1900V2	5d208	May. 23, 2022	3 Year
10	System Validation Dipole	Speag	D2300V2	1054	May. 25, 2022	3 Year
11	System Validation Dipole	Speag	D2600V2	1111	May. 25, 2022	3 Year
12	System Validation Dipole	Speag	D3500V2	1096	Aug. 15, 2023	3 Year
13	System Validation Dipole	Speag	D3700V2	1065	Aug. 15, 2023	3 Year
14	System Validation Dipole	Speag	D3900V2	1040	Aug. 15, 2023	3 Year
15	ELI4 Phantom	Speag	ELI4 Phantom V8.0	2149	N/A	N/A
16	ELI4 Phantom	Speag	ELI4 Phantom V5.0	1240	N/A	N/A
17	ENA Network Analyzer	Agilent	E5071C	MY46524658	Mar. 17, 2023	1 Year
18	Signal Generator	R&S	SMR40	100502	Feb. 23, 2023	1 Year
19	Spectrum Analyzer	R&S	FSV7	103032	Aug. 10, 2023	1 Year
20	Power Meter	Anritsu	ML2495A	1128008	May. 12, 2023	1 Year
21	Power Sensor	Anritsu	MA2411B	1126001	May. 12, 2023	1 Year
22	Dielectric Probe Kit	Agilent	85070E	2593	N/A	N/A
23	Low pass filter	Mini-Circuits	SLP-2950+	M108294	N/A	N/A
24	Power Amplifier	Mini-Circuits	ZVE-2W-272+	N650001538	N/A	N/A
25	Power Amplifier	Mini-Circuits	ZVE-8G+	N628801631	N/A	N/A
26	Power Amplifier	EMCI	EMC053035	980869	N/A	N/A
27	Thermometer	PA	TA298	h001	Mar. 21, 2023	1 Year
28	Directional Coupler	Woken	50W Coupler	DOM5CIW3E2	N/A	N/A
29	Attenuator	Woken	WATT-518FS-10	N/A	N/A	N/A

Remark: "N/A" denotes no model name, serial No. or calibration specified.



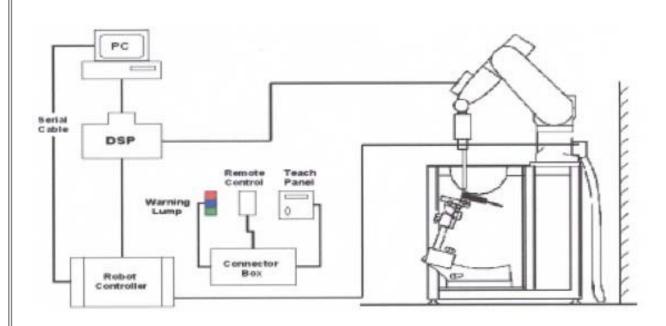
3. SAR MEASUREMENTS SYSTEM CONFIGURATION

3.1. SAR Measurement Setup

The DASY5 system for performing compliance tests consists of the following items:

- 1. A standard high precision 6-axis robot (Stäubli RX family) with controller and software. An arm extension for accommodating the data acquisition electronics (DAE).
- 2. A dosimetric probe, i.e. an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
- 3. A data acquisition electronic (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- 4. A unit to operate the optical surface detector which is connected to the EOC.
- 5. The Electro-Optical Coupler (EOC) performs the conversion from the optical into a digital electric signal of the DAE. The EOC is connected to the DASY5 measurement server.
- The DASY5 measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation. A computer operating Windows.
- 7. DASY5 software and SEMCAD data evaluation software.
- 8. Remote control with teach panel and additional circuitry for robot safety such as warning lamps, etc.
- 9. The generic twin phantom enabling the testing of left-hand and right-hand usage.
- 10. The device holder for handheld mobile phones.
- 11. Tissue simulating liquid mixed according to the given recipes.
- 12. System validation dipoles allowing to validate the proper functioning of the system.

3.1.1. TEST SETUP LAYOUT



Project No.: 2311T076 Page 17 of 151 Report Version: R04



3.2. DASY5 E-field Probe System

The SAR measurements were conducted with the dosimetric probe EX3DV4 (manufactured by SPEAG), designed in the classical triangular configuration and optimized for dosimetric evaluation.

3.2.1. EX3DV4 PROBE SPECIFICATION

Construction	Symmetrical design with triangular core Interleaved sensors Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	ISO/IEC 17025 calibration service available
Frequency	10 MHz to 6 GHz Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Directivity	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)
Dynamic Range	10 μW/g to > 100 mW/g Linearity: ± 0.2dB
Dimensions	Overall length: 330 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Distance from probe tip to dipole centers: 1.0 mm





EX3DV4 E-field Probe





3.2.2. E-FIELD PROBE CALIBRATION

Each probe is calibrated according to a dosimetric assessment procedure with accuracy better than $\pm 10\%$. The spherical isotropy was evaluated and found to be better than ± 0.25 dB. The sensitivity parameters (NormX, NormY, NormZ), the diode compression parameter (DCP) and the conversion factor (ConvF) of the probe are tested.

The free space E-field from amplified probe outputs is determined in a test chamber. This is performed in a TEM cell for frequencies bellow 1 GHz, and in a wave guide above 1 GHz for free space. For the free space calibration, the probe is placed in the volumetric center of the cavity and at the proper orientation with the field. The probe is then rotated 360 degrees.

E-field temperature correlation calibration is performed in a flat phantom filled with the appropriate simulated brain tissue. The measured free space E-field in the medium correlates to temperature rise in a dielectric medium. For temperature correlation calibration a RF transparent thermistor-based temperature probe is used in conjunction with the E-field probe.

$$\mathbf{SAR} = \mathbf{C} \frac{\Delta T}{\Delta t}$$

Where: $\Delta t = \text{Exposure time (30 seconds)}$,

C = Heat capacity of tissue (brain or muscle), ΔT = Temperature increase due to RF exposure.

Or SAR =
$$\frac{|E|^2 \sigma}{\rho}$$

Where: σ = Simulated tissue conductivity, ρ = Tissue density (kg/m3).

Project No.: 2311T076 Page 19 of 151 Report Version: R04



3.2.3. OTHER TEST EQUIPMENT

3.2.3.1. DEVICE HOLDER FOR TRANSMITTERS

Construction: Simple but effective and easy-to-use extension for Mounting Device that facilitates the testing of larger devices according to IEC 62209-2 (e.g., laptops, cameras, etc.) It is lightweight and fits easily on the upper part of the Mounting Device in place of the phone positioner. The extension is fully compatible with the Twin SAM, ELI4 and SAM v6.0 Phantoms.

Material: POM, Acrylic glass, Foam

3.2.3.2. PHANTOM

Model	ELI4 Phantom
Construction	Phantom for compliance testing of
	handheld and body-mounted wireless
	devices in the frequency range of 30
	MHz to 6 GHz. ELI is fully compatible
	with the IEC 62209-2 standard and all
	known tissue simulating liquids. ELI
	has been optimized regarding its
	performance and can be integrated
	into our standard phantom tables. A
	cover prevents evaporation of the
	liquid. Reference markings on the
	phantom allow installation of the
	complete setup, including all
	predefined phantom positions and
	measurement grids, by teaching three
	points. The phantom is compatible
	with all SPEAG dosimetric probes and
	dipoles.
Shell Thickness	2±0.1 mm
Filling Volume	Approx. 30 liters
Dimensions	Length: 600 mm; Width: 190mm
	Height: adjustable feet
Aailable	Special



Model	Twin SAM
Construction	The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 and IEC 62209-1. It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by teaching three
Shell Thickness	points with the robot. 2 ± 0.2 mm
Filling Volume	Approx. 25 liters
Dimensions	Length:1000mm; Width: 500mm Height: adjustable feet
Aailable	Special

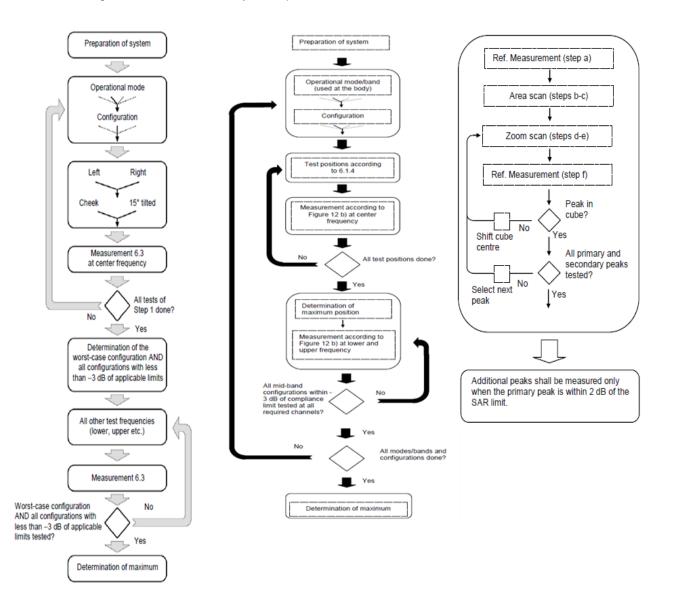


Project No.: 2311T076 Page 20 of 151 Report Version: R04



3.2.4. SCANNING PROCEDURE

The SAR test against the head and body-worn phantom was carried out as follow:



After an area scan has been done at a fixed distance of 1.4mm from the surface of the phantom on the source side, a 3D scan is set up around the location of the maximum spot SAR. First, a point within the scan area is visited by the probe and a SAR reading taken at the start of testing. At the end of testing, the probe is returned to the same point and a second reading is taken. Comparison between these start and end readings enables the power drift during measurement to be assessed.

Above is the scanning procedure flow chart and table from the IEEE1528 standard.

This is the procedure for which all compliant testing should be carried out to ensure that all variations of the device position and transmission behavior are tested.



3.2.5. DATA STORAGE AND EVALUATION

3.2.5.1. DATA STORAGE

The DASY5 software stores the acquired data from the data acquisition electronics as raw data (in microvoli readings from the probe sensors), together with all necessary software parameters for the data evaluation (probe calibration data, liquid parameters and device frequency and modulation data) in measurement files with the extension "DAE4". The software evaluates the desired unit and format for output each time the data is visualized or exported. This allows verification of the complete software setup even after the measurement and allows correction of incorrect parameter settings. For example, if a measurement has been performed with a wrong crest factor parameter in the device setup, the parameter can be corrected afterwards and the data can be re-evaluated.

The measured data can be visualized or exported in different units or formats, depending on the selected probe type ([V/m], [A/m], [°C], [mW/g], [mW/cm²], [dBrel], etc.). Some of these units are not available in certain situations or show meaningless results, e.g., a SAR output in a lossless media will always be zero. Raw data can also be exported to perform the evaluation with other software packages.

Project No.: 2311T076 Page 22 of 151 Report Version: R04



3.2.6. DATA EVALUATION BY SEMCAD

The SEMCAD software automatically executes the following procedures to calculate the field units from the microvolt readings at the probe connector. The parameters used in the evaluation are stored in the configuration modules of the software:

Probe parameters: Sensitivity Normi, a_{i0} , a_{i1} , a_{i2}

Conversion factor ConvF_i

Diode compression point Dcpi

Device parameters: Frequency f

Crest factor cf

Media parameters: Conductivity

Density

These parameters must be set correctly in the software. They can be found in the component documents or they can be imported into the software from the configuration files issued for the DASY5 components. In the direct measuring mode of the multimeter option, the parameters of the actual system setup are used. In the scan visualization and export modes, the parameters stored in the corresponding document files are used.

The first step of the evaluation is a linearization of the filtered input signal to account for the compression characteristics of the detector diode. The compensation depends on the input signal, the diode type and the DC-transmission factor from the diode to the evaluation electronics.

If the exciting field is pulsed, the crest factor of the signal must be known to correctly compensate for peak power. The formula for each channel can be given as:

$$V_i = U_i + U_i^2 \cdot cf / dcpi$$

With V_i = compensated signal of channel i (i = x, y, z)

 U_i = input signal of channel i (i = x, y, z)

cf = crest factor of exciting field (DASY parameter)

dcp_i = diode compression point (DASY parameter)





From the compensated input signals the primary field data for each channel can be evaluated:

E-field probes: $E_i = (V_i / Norm_i \cdot ConvF)^{1/2}$

H-field probes: $H_i = (V_i)^{1/2} \cdot (a_{i0} + a_{i1} f + a_{i2} f^2) / f$

With V_i = compensated signal of channel i (i = x, y, z)

Norm_i = sensor sensitivity of channel i (i = x, y, z)

[mV/(V/m)²] for E-field Probes

ConvF = sensitivity enhancement in solution

aij = sensor sensitivity factors for H-field probes

f = carrier frequency [GHz]

E_i = electric field strength of channel i in V/m

H_i = magnetic field strength of channel i in A/m

The RSS value of the field components gives the total field strength (Hermitian magnitude):

$$E_{tot} = (E_X^2 + E_Y^2 + E_Z^2)^{1/2}$$

The primary field data are used to calculate the derived field units.

SAR =
$$(E_{tot})^2 \cdot \sigma / (\rho \cdot 1000)$$

With SAR = local specific absorption rate in mW/g

E_{tot} = total field strength in V/m

= conductivity in [mho/m] or [Siemens/m]

= equivalent tissue density in g/cm³

Note that the density is normally set to 1 (or 1.06), to account for actual brain density rather than the density of the simulation liquid. The power flow density is calculated assuming the excitation field to be a free space field.

$$P_{pwe} = E_{tot}^{2} / 3770 \text{ or } Ppwe = H_{tot}^{2} \cdot 37.7$$

With $P_{pwe} = equivalent power density of a plane wave in mW/cm²$

Etot = total field strength in V/m

H_{tot} = total magnetic field strength in A/m

Project No.: 2311T076 Page 24 of 151 Report Version: R04



4. TISSUE-EQUIVALENT LIQUID

4.1. Tissue-equivalent Liquid Ingredients

The liquid is consisted of water, salt and Glycol, Sugar, Preventol and Cellulose. The liquid has previously been proven to be suited for worst-case. The measured conductivity and relative permittivity should be within ±5% of the target values. The below table shows the detail solution. It's satisfying the latest tissue dielectric parameters requirements proposed by the IEC 62209.

Composition of the Tissue Equivalent Matter

Tissue Type	Bactericide	DGBE	HEC	NaCl	Sucrose	Triton X-100	Water	Diethylene Glycol Mono- hexylether
Head 750	0.2	-	0.2	1.5	56.0	-	42.1	-
Head 835	0.2	-	0.2	1.5	57.0	-	41.2	-
Head 1800	-	44.5	-	0.3	-	-	55.2	-
Head 1900	-	44.5	-	0.2	-	-	55.3	-
Head 2300		44.9	-	0.1	-	-	55.0	-
Head 2600	-	45.1	-	0.1	-	-	54.8	-
Head 3500	-	8.0	-	0.2	-	20.0	71.8	-

Project No.: 2311T076 Page 25 of 151 Report Version: R04



4.2. Tissue-equivalent Liquid Properties

Dielectric Performance of Tissue Simulating Liquid

	Tissue Verification								
Date	Tissue Type	Frequency (MHz)	Conductivity (σ)	Permittivity (εr)	Targeted Conductivity (σ)	Targeted Permittivity (εr)	Deviation Conductivity (σ) (%)	Deviation Permittivity (εr) (%)	Limit (%) ±5
2023/12/15	Head	750	0.91	43.78	0.89	41.94	1.97	4.38	±5
2023/12/23	Head	750	0.90	43.63	0.89	41.94	1.19	4.01	±5
2023/12/16	Head	835	0.94	43.48	0.91	41.56	3.30	4.62	±5
2023/12/23	Head	835	0.90	43.09	0.91	41.56	-0.77	3.68	±5
2023/12/12	Head	1800	1.38	41.09	1.40	40.00	-1.79	2.72	±5
2023/12/25	Head	1800	1.38	41.40	1.40	40.00	-1.79	3.49	±5
2023/12/13	Head	1900	1.41	41.11	1.40	40.00	0.93	2.78	±5
2023/12/25	Head	1900	1.40	40.67	1.40	40.00	0.21	1.69	±5
2023/12/15	Head	2300	1.68	40.68	1.67	39.47	0.86	3.07	±5
2023/12/26	Head	2300	1.74	40.03	1.67	39.47	4.47	1.42	±5
2023/12/14	Head	2600	2.04	38.70	1.96	39.01	3.88	-0.80	±5
2023/12/19	Head	2600	2.03	38.58	1.96	39.01	3.37	-1.09	±5
2023/12/29	Head	2600	2.01	37.41	1.96	39.01	2.76	-4.10	±5
2024/1/2	Head	2600	2.02	40.30	1.96	39.01	3.16	3.30	±5
2023/12/22	Head	3500	2.85	36.44	2.91	37.93	-2.11	-3.93	±5
2023/12/24	Head	3500	2.80	38.40	2.91	37.93	-3.83	1.24	±5
2023/12/22	Head	3700	3.08	35.84	3.12	37.70	-1.14	-4.94	±5
2023/12/24	Head	3700	3.00	38.12	3.12	37.70	-3.64	1.11	±5
2023/12/24	Head	3900	3.22	37.78	3.32	37.47	-3.05	0.81	±5

Note:

- 1)The dielectric parameters of the tissue-equivalent liquid should be measured under similar ambient conditions and within 2 °C of the conditions expected during the SAR evaluation to satisfy protocol requirements.
- 2) KDB 865664 was ensured to be applied for probe calibration frequencies greater than or equal to 50MHz of the EUT frequencies.
- 3)The above measured tissue parameters were used in the DASY software to perform interpolation via the DASY software to determine actual dielectric parameters at the test frequencies. The SAR test plots may slightly differ from the table above since the DASY rounds to three significant digits.
- 4) According to FCC TCB workshop April, 2019 RF Exposure Procedures Update(Effective February 19,2019, FCC has permitted the use of single head-tissue simulating liquid specified in IEEE 62209-1-for all SAR tests.

Project No.: 2311T076 Page 26 of 151 Report Version: R04



5. SYSTEM CHECK

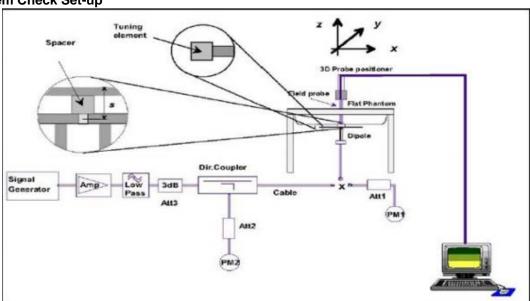
5.1. DESCRIPTION OF SYSTEM CHECK

The manufacturer calibrates the probes annually. Dielectric parameters of the tissue simulants were measured every day using the dielectric probe kit and the network analyzer. A system check measurement was made following the determination of the dielectric parameters of the simulant, using the dipole validation kit. A power level of 250 mW(below 3GHz) or 100mW(3-6GHz), which was placed under the flat section of the twin SAM phantom. The system check results (dielectric parameters and SAR values) are given in the 6.2.

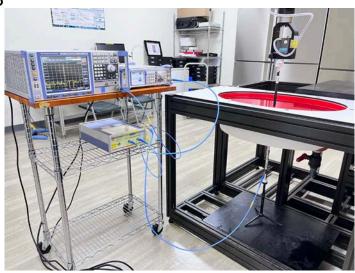
System check results have to be equal or near the values determined during dipole calibration with the relevant liquids and test system (±10 %).

System check is performed regularly on all frequency bands where tests are performed with the DASY5 system.

System Check Set-up



System Check photo







5.2. DESCRIPTION OF SYSTEM CHECK

System Check in Tissue Simulating Liquid

The system check is performed for verifying the accuracy of the complete measurement system and performance of the software. The system check is performed with tissue equivalent material according to IEEE P1528 (described above). The following table shows system check results for all frequency bands and tissue liquids used during the tests.

Date	S	ystem Dipole	•	Parameters	Target	Measured	Normalized to 1W	Deviation	Limited
Date	Туре	Serial No.	Liquid	Parameters	[W/kg]	[W/kg]	[W/kg]	[%]	[%]
2023/12/15	D750V3	1145	Head	1g SAR	8.55	2.18	8.72	1.99	± 10
2023/12/23	D750V3	1145	Head	1g SAR	8.55	2.04	8.16	-4.56	± 10
2023/12/16	D835V2	4d084	Head	1g SAR	9.53	2.25	9.00	-5.56	± 10
2023/12/23	D835V2	4d084	Head	1g SAR	9.53	2.53	10.12	6.19	± 10
2023/12/12	D1800V2	2d210	Head	1g SAR	38.20	10.10	40.40	5.76	± 10
2023/12/25	D1800V2	2d210	Head	1g SAR	38.20	9.66	38.64	1.15	± 10
2023/12/13	D1900V2	5d208	Head	1g SAR	40.20	10.30	41.20	2.49	± 10
2023/12/25	D1900V2	5d208	Head	1g SAR	40.20	9.73	38.92	-3.18	± 10
2023/12/15	D2300V2	1054	Head	1g SAR	48.20	12.60	50.40	4.56	± 10
2023/12/26	D2300V2	1054	Head	1g SAR	48.20	12.20	48.80	1.24	± 10
2023/12/14	D2600V2	1111	Head	1g SAR	55.80	14.60	58.40	4.66	± 10
2023/12/19	D2600V2	1111	Head	1g SAR	55.80	14.90	59.60	6.81	± 10
2023/12/29	D2600V2	1111	Head	1g SAR	55.80	13.70	54.80	-1.79	± 10
2024/1/2	D2600V2	1111	Head	1g SAR	55.80	14.10	56.40	1.08	± 10
2023/12/22	D3500V2	1096	Head	1g SAR	66.50	6.53	65.30	-1.80	± 10
2023/12/24	D3500V2	1096	Head	1g SAR	66.50	6.71	67.10	0.90	± 10
2023/12/24	D3500V2	1096	Head	1g SAR	66.50	6.38	63.80	-4.06	± 10
2023/12/22	D3700V2	1065	Head	1g SAR	67.40	6.93	69.30	2.82	± 10
2023/12/22	D3700V2	1065	Head	1g SAR	67.40	6.61	66.10	-1.93	± 10
2023/12/24	D3700V2	1065	Head	1g SAR	65.80	6.45	64.50	-1.98	± 10
2023/12/24	D3700V2	1065	Head	1g SAR	65.80	6.76	67.60	2.74	± 10
2023/12/24	D3900V2	1040	Head	1g SAR	69.50	7.03	70.30	1.15	± 10

Project No.: 2311T076 Page 28 of 151 Report Version: R04



6. OPERATIONAL CONDITIONS DURING TEST

6.1. General Description of Test Procedures

Connection to the EUT is established via air interface with base station An, and the EUT is Set to maximum output power by base station. The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power output. The antenna connected to the output of the base station simulator shall be placed at least 50cm away from the EUT. The signal transmitted by the simulator to the antenna feeding point shall be lower than the output power level of the EUT by at least 30dB.

6.2. Test position Antenna Location



6.3. Test Position of Portable Devices

For WLAN

Minimum Separation Distance					
Antenna Position Distance (mm) Evaluation Test					
WLAN Main	Bottom	>200	No		
WLAN Aux	Bottom	>200	No		

For WWAN

	Minimum Separation Distance						
Mode	e Antenna P-Sensor Position Distance (mm)				Evaluation Test		
\A/\A/ A NI	Main	on	Bottom	0.00	Yes		
VVVVAIN	WWAN Main		Bottom	14.00	Yes		

Note: The Antenna Support Band are shown in Section 2.3. Antenna Information.

Project No.: 2311T076 Page 29 of 151 Report Version: R04



7. SAR MEASUREMENT VARIABILITY AND UNCERTAINTY

7.1. SAR measurement variability

Per KDB865664 D01 SAR measurement 100 MHz to 6 GHz, SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. The additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

- 1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
- 2) When the original highest measured SAR is \geq 0.80 W/kg, repeat that measurement once.
- 3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
- 4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.

The detailed repeated measurement results are shown in Section 10.1.

Project No.: 2311T076 Page 30 of 151 Report Version: R04



7.2. WCDMA Test Configuration

1. Output Power Verification

Maximum output power is verified on the High, Middle and Low channels according to the procedures description in section 5.2 of 3GPP TS 34.121,using the appropriate RMC or AMR with TPC(transmit power control) set to all "1s" for WCDMA/HSDPA or applying the required inner loop power control procedure to maintain maximum output power while HSUPA is active. Result for all applicable physical channel configurations(DPCCH,DPDCHn and spreading codes, HSDPA, HSPA) Should be tabulated in the SAR report .All configuration that are not supported by the DUT or cannot be measured due to technical or equipment limitation should be clearly identified.

2. WCDMA

(1). Head SAR Measurements

SAR for Head exposure configurations in voice mode is measured using a 12.2 kbps RMC with TPC bits configured to all "1s". SAR in AMR configurations is not required when the maximum average output of each RF channel for 12.2 kbps AMR is less than ¼ dB higher than that measured in 12.2 kbps RMC. Otherwise SAR is measured on the maximum output channel in 12.2 kbps AMR with 3.4kbps SRB(signalling radio bearer) using the exposure configuration that results in the highest SAR in12.2kbps RMC for that RF channel.

(2). Body SAR Measurements

SAR for body exposure configurations is measured using the 12.2 kbps RMC with the TPC bits configured to all "1s". SAR for other spreading codes and multiple DPDCHn, when supported by the EUT, are not required when the maximum average outputs of each RF channel, for each spreading code and DPDCHn configuration, are less than ¼ dB higher than those measured in 12.2 kbps RMC.

3. HSDPA

SAR for body exposure configurations is measured according to the "Body SAR Measurements"" procedures of 3G device. In addition, body SAR is also measured for HSDPA when the maximum average outputs of each RF channel with HSDPA active is at ¼ dB higher than that measured without HSDPA using 12.2kbps RMC or the maximum SAR 12.2kbps RMC is above 75% of the SAR limit. Body SAR for HSDPA is measured using an FRC with H-Set 1 in Sub-test 1 and a 12.2kbps RMC configured in Test Loop Mode 1, using the highest body SAR configuration in 12.2 kbps RMC without HSDPA.

HSDPA should be configured according to UE category of a test device. The number of HS-DSCH/HS-PDSCHs, HAPRQ processes, minimum inter-TTI interval, transport block sizes and RV coding sequence are defined by the H-set. To maintain a consistent test configuration and stable transmission condition, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4ms with a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. The β_c and β_d gain factors for DPCCH and DPDCH were set according to the values in the below table, β_{hs} for HS-DPCCH is set automatically to the correct value when Δ ACK, Δ NACK,

 Δ CQI = 8. The variation of the β_c / β_d ratio causes a power reduction at sub-tests 2 - 4.

Sub-test₽	βεν	βde⊃	β _d (SF)₽	β _c /β _d φ	β _{hs} (1)+2	CM(dB)(2)₽	MPR (dB)+2
1₽	2/15₽	15/15₽	64₽	2/15₽	4/15₽	0.0₽	0+2
2+2	12/15(3)₽	15/15(3)₽	64₽	12/15(3)₽	24/15₽	1.0₽	0↔
3₽	15/15₽	8/15₽	64₽	15/8₽	30/15₽	1.5₽	0.5₽
4 42	15/15₽	4/15₽	64₽	15/4₽	30/15₽	1.5₽	0.5₽

Note 1: \triangle ACK, \triangle NACK and \triangle CQI = 8 $A_{hs} = \beta_{hs}/\beta_c = 30/15$ $\beta_{hs} = 30/15 * \beta_c \checkmark$

Note 2 : CM=1 for $\beta_c/\beta_{d=}$ 12/15, $\beta_{hr}/\beta_c=$ 24/15. For all other combinations of DPDCH,DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases. Note 3 : For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1,TF1) to $\beta_c=11/15$ and $\beta_d=15/15$.

Project No.: 2311T076 Page 31 of 151 Report Version: R04





The measurements were performed with a Fixed Reference Channel (FRC) and H-Set 1 QPSK.

Settings of required H-Set 1 QPSK acc. to 3GPP 34.121

Parameter	Value
Nominal average inf. bit rate	534 kbit/s
Inter-TTI Distance	3 TTI"s
Number of HARQ Processes	2 Processes
Information Bit Payload	3202 Bits
MAC-d PDU size	336 Bits
Number Code Blocks	1 Block
Binary Channel Bits Per TTI	4800 Bits
Total Available SMLs in UE	19200 SMLs
Number of SMLs per HARQ Process	9600 SMLs
Coding Rate	0.67
Number of Physical Channel Codes	5

HSDPA UE category

HS-DSCH Category	Maximum HS-DSCH Codes Received	Minimum Inter-TTI Interval	I Iranchart Riack	
1	5	3	7298	19200
2	5	3	7298	28800
3	5	2	7298	28800
4	5	2	7298	38400
5	5	1	7298	57600
6	5	1	7298	67200
7	10	1	14411	115200
8	10	1	14411	134400
9	15	1	25251	172800
10	15	1	27952	172800
11	5	2	3630	14400
12	5	1	3630	28800
13	15	1	34800	259200
14	15	1	42196	259200
15	15	1	23370	345600
16	15	1	27952	345600

4. HSUPA

SAR for Body exposure configurations is measured according to the "Body SAR Measurements" procedures of 3G device. When the maximum output power is $\leq \frac{1}{4}$ dB higher than the primary mode or when the SAR of the primary mode is scaled by the ratio of specified maximum output power and SAR is \leq 75% SAR Limit, SAR measurement is not required for the secondary mode.

The 3G SAR test reduction procedures is applied to HSPA(HSUPA/HSDPA with RMC) body configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for HSPA using the HSPA body SAR procedures for the highest reported body exposure SAR configuration in 12.2 kbps RMC.

Due to inner loop power control requirements in HSUPA, a commercial communication test set should be used for the output power and SAR tests. The 12.2 kbps RMC, FRC H-set 1 and E-DCH configurations for HSDPA should be configured according to the values indicated below as well as other applicable procedures described in the "WCDMA Handset" and "Release 5 HSDPA Data Device" sections of 3G device.

Project No.: 2311T076 Page 32 of 151 Report Version: R04





Subtests for WCDMA Release 6 HSUPA

	Mode	HSPA	HSPA	HSPA	HSPA	HSPA		
	Subtest	1	2	3	4	5		
Loopback Mode Test Mode 1						-		
	Rel99 RMC	12.2kbps RMC						
	HSDPA FRC	H-Set1						
HSUPA Test HSUPA Loopback								
WCDMA	Power Control Algorithm	Algorithm2						
General	βс	11/15	6/15	15/15	2/15	15/15		
Settings	βd	15/15	15/15	9/15	15/15	15/15		
	βес	209/225	12/15	30/15	2/15	24/15		
	βc/βd	11/15	6/15	9/15	2/15	15/15		
	βhs	22/15	12/15	30/15	4/15	30/15		
	βed	1309/225	94/75	47/15	56/75	134/15		
	CM (dB)	1	3	2	3	1		
	MPR (dB)	0	2	1	2	0		

HSUPA UE category

130FA OE category							
UE E-DCH Category	Maximum E-DCH Codes Transmitted	Number of HARQ Processes	E-DCH TTI(ms)	Minimum Speading Factor	Maximum E-DCH Transport Block Bits	Max Rate (Mbps)	
1	1	4	10	4	7110	0.7296	
2	2	8	2	4	2798	1.4592	
	2	4	10	4	14484	1.4592	
3	2	4	10	4	14484	1.4592	
4	2	8	2	2	5772	2.9185	
4	2	4	10	2	20000	2.00	
5	2	4	10	2	20000	2.00	
6	4	8	10	2SF2&2SF4	11484	5.76	
(No DPDCH)	4	4	2	20. 20201	20000	2.00	
7	4	8	2	2SF2&2SF4	22996	?	
(No DPDCH)	4	4	10	20. 20201	20000	?	

NOTE: When 4 codes are transmitted in parallel, two codes shall be transmitted with SF2 and two with SF4.UE categories 1 to 6 support QPSK only. UE category 7 supports QPSK and 16QAM.(TS25.306-7.3.0).



5. DC-HSDPA

In DC-HSDPA implementation of this device, the uplink parameters are the same as HSDPA. No additional channels and modulations (16 QAM, and 64 QAM) are supported in uplink. The difference is only in the downlink parameters, where two carriers are supported. HSDPA settings were used on uplink.

For Rel. 8 DC-HSDPA apply the four subtests from HSDPA Release 5 except use fixed reference channe H-Set 12 for DC-HSDPA. And we can apply the same SAR test exclusion criteria used for Rel. 6 HSPA fc Rel. 7 HSPA+ and Rel. 8 DC-HSDPA. That is, if the HSPA, HSPA+, or the DC-HSDPA maximum output i not more than 0.25 dB higher than WCDMA, SAR measurement for those modes is not required. The following tests were completed according to procedures in section 7.3.13 of 3GPP TS 34.108 v9.5.0. summary of these settings are illustrated below:

Downlink Physical Channels are set as per 3GPP TS34.121-1 v9.0.0 E.5.0 Levels for HSDPA connection setup

Parameter During Connection setup	Unit	Value
P-CPICH_Ec/lor	dB	-10
P-CCPCH and SCH_Ec/lor	dB	-12
PICH _Ec/lor	dB	-15
HS-PDSCH	dB	off
HS-SCCH_1	dB	off
DPCH_Ec/lor	dB	-5
OCNS_Ec/lor	dB	-3.1

Call is set up as per 3GPP TS34.108 v9.5.0 sub clause 7.3.13

The configurations of the fixed reference channels for HSDPA RF tests are described in 3GPP TS 34.121 annex C for FDD and 3GPP TS 34.122.

The measurements were performed with a Fixed Reference Channel (FRC) H-Set 12 with QPSK

Parameter	Value			
Nominal average inf. bit rate	60 kbit/s			
Inter-TTI Distance	1 TTI"s			
Number of HARQ Processes	6 Processes			
Information Bit Payload	120 Bits			
Number Code Blocks	1 Block			
Binary Channel Bits Per TTI	960 Bits			
Total Available SMLs in UE	19200 SMLs			
Number of SMLs per HARQ Process	3200 SMLs			
Coding Rate	0.15			
Number of Physical Channel Codes	1			

Note:

- 1. The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table above.
- 2. Maximum number of transmission is limited to 1,i.e.,retransmission is not allowed. The redundancy and constellation version 0 shall be used.

Project No.: 2311T076 Page 34 of 151 Report Version: R04



Inf. Bit Payload	120	
CRC Addition	120 24 CRC	
Code Block Segmentation	144	
Turbo-Encoding (R=1/3)	432	12 Tail Bits
1st Rate Matching	432	
RV Selection	960	
Physical Channel Segmentation	960	

Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)

The following 4 Sub-tests for HSDPA were completed according to Release 5 procedures. A summary of subtest settings are illustrated below:

Sub-test₽	βc₽	$eta_{\mathbf{d}^\wp}$	β _d ·(SF)₽	$\beta_c \cdot / \beta_{d^{\omega}}$	β _{hs} (1)	CM(dB)(2)	MPR (dB)₽
1₽	2/15₽	15/15₽	64₽	2/15₽	4/15₽	0.0₽	0₽
2₽	12/15(3)	15/15(3)	64₽	12/15(3)	24/15₽	1.0₽	0₽
3₽	15/15₽	8/15₽	64₽	15/8₽	30/15₽	1.5₽	0.5₽
4₽	15/15₽	4/15₽	64₽	15/4₽	30/15₽	1.5₽	0.5₽

Note:1: \triangle ACK, \triangle NACK and \triangle CQI=8 $A_{hs} = \beta_{hs}/\beta_c = 30/15$ $\beta_{hs} = 30/15 * \beta_c = 30/15$

Note 2: CM=1 for $\beta_c/\beta_d=12/15$, $\beta_{hs}/\beta_c=24/15$. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases. Note 3: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1,TF1) to $\beta_c=11/15$ and $\beta_d=15/15$.

Up commands are set continuously to set the UE to Max power.

Note:

- 1. The Dual Carriers transmission only applies to HSDPA physical channels
- 2. The Dual Carriers belong to the same Node and are on adjacent carriers.
- 3. The Dual Carriers do not support MIMO to serve UEs configured for dual cell operation
- 4. The Dual Carriers operate in the same frequency band .
- 5.The device doesn't support the modulation of 16QAM in uplink but 64QAM in downlink for DC-HSDPA mode.
- 6. The device doesn't support carrier aggregation for it just can operate in Release 8.

Project No.: 2311T076 Page 35 of 151 Report Version: R04



7.3. LTE Test Configuration

Establishing connections with base station simulators ensure a consistent means for testing SAR and are recommended for evaluating SAR. The RS CMW500 was used for LTE output power measurements and SAR testing. Max power control was used so the UE transmits with maximum output power during SAR testing. SAR must be measured with the maximum TTI(transmit time interval) supported by the device in each LTE configuration.

1)Spectrum Plots for RB configurations

A properly configured base station simulator was used for LTE output power measurements and SAR testing. Therefore, spectrum plots for RB configurations were not required to be included in this report.

2) MPR

MPR is permanently implemented for this device by the manufacturer. The specific manufacturer target MPR is indicated alongside the SAR results. MPR is enabled for this device, according to 3GPP TS36.101 Section 6.2.3-6.2.5 under Table 6.2.3-1.

3)A-MPR

A-MPR(Additional MPR) has been disabled for all SAR tests by using Network Signaling Value of "NS=01" on the base station simulator.

4)SAR test requirements

The LTE SAR test is choice the max power mode and start with the max power channel.

A) Largest channel bandwidth standalone SAR test requirements

i) QPSK with 1 RB allocation

When the SAR is ≤ 1 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the 10-g SAR of a required test channel is > 1.8 W/kg, SAR is required for all three RB offset configurations for that required test channel.

Project No.: 2311T076 Page 36 of 151 Report Version: R04



8. POWER REDUCTION BY PROXIMITY SENSING

A proximity sensor for power reduction is implemented in this device to address RF exposure compliance when the cellular antenna is positioned close to the user's body. The sensor's mechanical structure is designed to fit within the enclosure design used in this device and also extended around the edge and top of the antenna element in order to optimize sensitivity in these orientations. This design combines the antenna printed directly on a plastic part and proximity sensor FPC (Flexible Printed Circuit) bonded together into one piece. According to KDB 616217 D04 SAR for laptop and tablets v01r02)

8.1. procedures for detrmining proximity sensor triggering distances

The following procedures should be applied to determine proximity sensor triggering distances for the back surface and individual edges of a tablet. Conducted power is monitored qualitatively to identify the general triggering characteristics and recorded quantitatively, versus spacing, as required by the procedures. Unless there is built-in test software that reports the triggering conditions and enables the power levels to be confirmed separately, monitoring of conducted power during the triggering tests typically requires internal access to the antenna ports inside the tablet, which may interfere with the triggering tests.

- 1. The relevant transmitter should be set to operate at its normal maximum output power.
- 2. The entire back surface or edge of the tablet is positioned below a flat phantom filled with the required tissue-equivalent medium, and positioned at least 20 mm further than the distance that triggers power reduction.
- 3. It should be ensured that the cables required for power measurements are not interfering with the proximity sensor. Cable losses should be properly compensated to report the measured power results.
- 4. The back surface or edge is moved toward the phantom in 3 mm steps until the sensor triggers.
- 5. The back surface or edge is then moved back (further away) from the phantom by at least 5 mm or until maximum output power is returned to the normal maximum level.
- 6. The back surface or edge is again moved toward the phantom, but in 1 mm steps, until it is at least 5 mm past the triggering point or touching the phantom. If 1 mm resolution is not suitable for the sensor triggering sensitivity, a KDB inquiry should be submitted to determine alternative test configurations.
- 7. If the tablet is not touching the phantom, it is moved in 3 mm steps until it touches the phantom to confirm that the sensor remains triggered and the maximum power stays reduced.
- 8. The process is then reversed by moving the tablet away from the phantom according to steps 4) to 7), to determine triggering release, until it is at least 10 mm beyond the point that triggers the return of normal maximum power.
- 9. The measured output power within ± 5 mm of the triggering points, or until the tablet is touching the phantom, for movements to and from the phantom should be tabulated in the SAR report.
- 10. If the sensor design and implementation allow additional variations for triggering distance tolerances, multiple samples should be tested to determine the most conservative distance required for SAR evaluation.
- 11. To ensure all production units are compliant, it is generally necessary to reduce the triggering distance determined from the triggering tests by 1 mm, or more if it is necessary, and use the smallest distance for movements to and from the phantom, minus 1 mm, as the sensor triggering distance for determining the SAR measurement distance.

Project No.: 2311T076 Page 37 of 151 Report Version: R04



8.2. procedures for detrmining antenna and proximity sensor coverage

The sensing regions are usually limited to areas near the sensor element. If a sensor is spatially offset from the antenna(s), it is necessary to verify sensor triggering for conditions where the antenna is next to the user but the sensor is laterally further away to ensure sensor coverage is sufficient for reducing the power to maintain compliance. The following are used to determine if additional SAR measurements may be necessary due to sensor and antenna offset. 25 These procedures do not apply and are not required for configurations where the antenna and sensor are collocated and the peak SAR location is overlapping with the sensor.

- 1. The back surface or edge of the tablet is positioned at a test separation distance less than or equal to the distance required for back surface or edge triggering, with both the antenna and sensor pad located at least 20 mm laterally outside the edge (boundary) of the phantom, along the direction of maximum antenna and sensor offset. For the back surface, if the direction of maximum offset is not aligned with the tablet coordinates (physical edges) the tablet test position would not be aligned with the phantom coordinates (orientations). Each applicable tablet edge should be positioned perpendicularly to the phantom to determine sensor coverage. For antennas and/or sensors located near the corner of a tablet, both adjacent edges must be considered.
- 2. The similar sequence of steps applied to determine sensor triggering distance in section 6.2 are used to verify back surface and edge sensor coverage by moving the tablet (sensor and antenna) horizontally toward the phantom while maintaining the same vertical separation between the back surface or edge and the phantom.
- 3. After the exact location where triggering of power reduction is determined, with respect to the sensor and antenna, the tablet movement should be continued, in 3 mm increments, until both the sensor and antenna(s) are fully under the phantom and at least 20 mm inside the phantom edge.
- 4. The process is then repeated from the opposite direction, starting at the other end of the maximum antenna and sensor offset, by rotating the tablet 180° along the vertical axis.
- 5. The triggering points should be documented graphically, with the antenna and sensor clearly identified, along with all relevant dimensions.

If the subsequently measured peak SAR location for the antenna is not between the triggering points, established by the sensor coverage tests from opposite ends of the antenna and sensor, additional SAR tests may be required for conditions where only part of the back surface or edge of a tablet corresponding to the antenna is in proximity to the user and the sensor may not be triggering as desired. A KDB inquiry must be submitted by the test lab to determine if additional tests are required and the proper test configurations to use for testing. This may include situations where the sensor coverage region is too small for the antenna, the sensor is located too far away from the antenna, the sensor location is insufficient to cover multiple antennas or the antenna is at the corner of a tablet etc.

Project No.: 2311T076 Page 38 of 151 Report Version: R04



8.3. proximity sensor status table of trigger distance

As per the KDB 616217 D04 SAR for laptop and tablets v01r02, section 6.2, the following procedure is used to determine the triggering distances.

Proximity Sensor Status Table when DUT is moving towards the phantom

Distance to	Proximity Sensor
the DUT (mm)	Status – Bottom
30	OFF
27	OFF
25	OFF
24	OFF
23	OFF
22	OFF
21	OFF
20	OFF
19	OFF
18	OFF
17	OFF
16	OFF
15	ON
14	ON
13	ON
12	ON
11	ON
10	ON
9	ON
8	ON
7	ON
6	ON
5	ON
4	ON
3	ON
2	ON
1	ON
0	ON

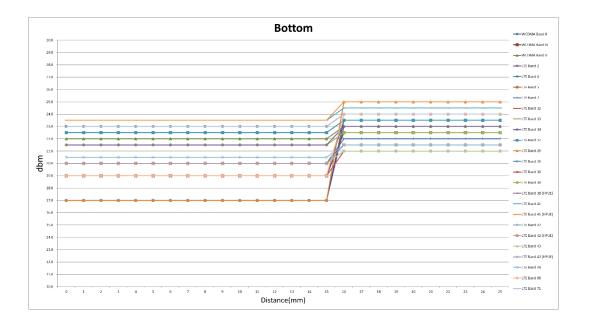
Note: When the Sensor fails, the system output power will transmit at the lowest power.

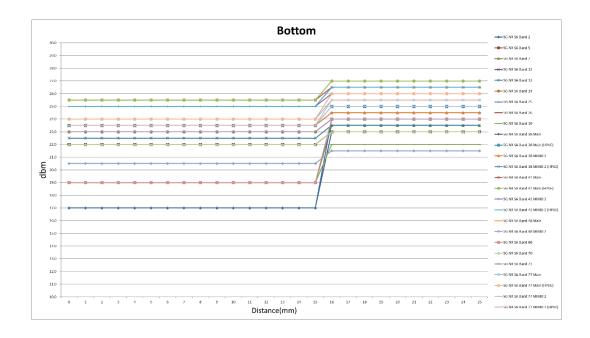
Project No.: 2311T076 Page 39 of 151 Report Version: R04



8.4. power reduction per air-interface

The following graphs show the power level and the distance from the DUT to the flat phantom for the Bottom.







9. CONDUCTED POWER RESULTS

9.1. CONDUCTED POWER MEASUREMENTS OF UMTS Band

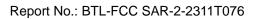
P-sensor off

Band	UMTS Ba	nd II Average Cond	lucted Power(dBm)		
Tx Channel		9262	9400	9538	
Rx Channel	Max. Tune-up power (dBm)	9661	9800	9938	
Frequency	(ubiii)	1852.4MHz	1880 MHz	1907.6 MHz	
RMC 12.2K	23.00	22.67	22.50	22.83	
HSDPA Subtest-1	23.00	22.46	22.32	22.68	
HSDPA Subtest-2	22.50	21.96	21.82	22.18	
HSDPA Subtest-3	22.00	21.46	21.32	21.68	
HSDPA Subtest-4	22.00	21.46	21.32	21.68	
HSUPA Subtest-1	23.00	22.58	22.43	22.81	
HSUPA Subtest-2	21.00	20.58	20.43	20.81	
HSUPA Subtest-3	22.00	21.58	21.43	21.81	
HSUPA Subtest-4	21.00	20.58	20.43	20.81	
HSUPA Subtest-5	23.00	22.58	22.43	22.81	

P-sensor on

Band	UMTS Ba	ınd II Average Cond	ducted Power(dBm)	
Tx Channel		9262	9400	9538
Rx Channel	Max. Tune-up power (dBm)	9661	9800	9938
Frequency	(ubiii)	1852.4 MHz	1880 MHz	1907.6 MHz
RMC 12.2K	17.00	16.88	16.99	16.97
HSDPA Subtest-1	17.00	16.84	16.89	16.82
HSDPA Subtest-2	16.50	16.39	16.43	16.36
HSDPA Subtest-3	16.00	6.00 15.92		15.90
HSDPA Subtest-4	16.00	15.87	15.91	15.84
HSUPA Subtest-1	17.00	16.84	16.90	16.81
HSUPA Subtest-2	15.00	14.83	14.88	14.80
HSUPA Subtest-3	16.00	15.85	15.91	15.82
HSUPA Subtest-4	15.00	14.88	14.93	14.86
HSUPA Subtest-5	17.00	16.80	16.85	16.77

Project No.: 2311T076 Page 41 of 151 Report Version: R04





P-sensor off

Band	UMTS Ba	nd IV Average Cond	ducted Power(dBm)	
Tx Channel		1312	1413	1513	
Rx Channel	Max. Tune-up power (dBm)	1537	1638	1738	
Frequency	(dBiii)	1712.4MHz	1732.6MHz	1752.6MHz	
RMC 12.2K	22.50	22.34	22.24	22.04	
HSDPA Subtest-1	22.50	22.13	22.03	21.83	
HSDPA Subtest-2	22.00	21.63	21.53	21.33	
HSDPA Subtest-3	21.50	21.13	21.03	20.83	
HSDPA Subtest-4	21.50	21.13	21.03	20.83	
HSUPA Subtest-1	22.50	22.25	22.17	22.02	
HSUPA Subtest-2	20.50	20.25	20.17	20.02	
HSUPA Subtest-3	21.50	21.25	21.17	21.02	
HSUPA Subtest-4	20.50	20.25	20.17	20.02	
HSUPA Subtest-5	22.50	22.25	22.17	22.02	

P-sensor on

Band	UMTS Ba	nd IV Average Con	ducted Power(dBm	n)
Tx Channel		1312	1413	1513
Rx Channel	Max. Tune-up power (dBm)	1537	1638	1738
Frequency	(ubiii)	1712.4MHz	1732.6MHz	1752.6MHz
RMC 12.2K	19.00	18.89	18.94	18.91
HSDPA Subtest-1	19.00	18.85	18.91	18.87
HSDPA Subtest-2	18.50	18.37	18.44	18.40
HSDPA Subtest-3	18.00	17.90	17.95	17.93
HSDPA Subtest-4	18.00	17.86	17.92	17.89
HSUPA Subtest-1	19.00	18.83	18.90	18.85
HSUPA Subtest-2	17.00	16.88	16.93	16.90
HSUPA Subtest-3	18.00	17.82	17.89	17.84
HSUPA Subtest-4	17.00	16.82	16.88	16.86
HSUPA Subtest-5	19.00	18.81	18.86	18.82



P-sensor off

Band	UMTS Ba	and V Average Cond	ucted Power(dBn	n)
Tx Channel	_	4132	4183	4233
Rx Channel	Max. Tune-up power (dBm)	4357	4408	4458
Frequency	(ubiii)	826.4MHz	836.4MHz	846.6MHz
RMC 12.2K	23.00	22.09	22.33	22.38
HSDPA Subtest-1	23.00	21.88	22.12	22.17
HSDPA Subtest-2	22.50	21.38	21.62	21.67
HSDPA Subtest-3	22.00	20.88	21.12	21.17
HSDPA Subtest-4	22.00	20.88	21.12	21.17
HSUPA Subtest-1	23.00	22.00	22.26	22.36
HSUPA Subtest-2	21.00	20.00	20.26	20.36
HSUPA Subtest-3	22.00	21.00	21.26	21.36
HSUPA Subtest-4	21.00	20.00	20.26	20.36
HSUPA Subtest-5	23.00	22.00	22.26	22.36

P-sensor on

Band	UMTS Ba	and V Average Cond	lucted Power(dBn	n)
Tx Channel		4132	4183	4233
Rx Channel	Max. Tune-up power (dBm)	4357	4408	4458
Frequency	(ubiii)	826.4MHz	836.4MHz	846.6MHz
RMC 12.2K	22.00	21.88	21.92	21.86
HSDPA Subtest-1	22.00	21.80	21.84	21.79
HSDPA Subtest-2	21.50	21.30	21.36	21.29
HSDPA Subtest-3	21.00	20.81	20.87	20.84
HSDPA Subtest-4	21.00	20.85	20.91	20.81
HSUPA Subtest-1	22.00	21.75	21.76	21.75
HSUPA Subtest-2	20.00	19.77	19.81	19.76
HSUPA Subtest-3	21.00	20.80	20.80	20.76
HSUPA Subtest-4	20.00	19.80	19.77	19.78
HSUPA Subtest-5	22.00	21.70	21.69	21.66



9.2. CONDUCTED POWER MEASUREMENTS OF LTE Band

LTE Band 2

P-sensor off

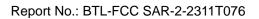
LTE B	2/BW=1.4M	Average	Conduc	ted Powe	er(dBm)	LTE B2/	LTE B2/BW=3M		Average Conducted Power(dBm)			
Madula	DD 6:/	Max.	Channel	/Frequer	cy(MHz)	Madula	RB	Max.	Channe	/Freque	ncy(MHz)	
Modula -tion	RB Size/ Offset	Tune-up (dBm)	18607/ 1850.7	18900/ 1880.0	19193/ 1909.3	Modula -tion	Size/ Offset	Tune-up (dBm)	18615/ 1851.5	18900/ 1880.0	19185/ 1908.5	
	1/0	23.50	22.82	21.98	22.18	QPSK	1/0	23.50	22.89	22.02	22.23	
	1/2	23.50	22.86	22.96	22.78		1/8	23.50	22.93	23.02	22.85	
	1/5	23.50	22.81	23.01	22.91		1/14	23.50	22.88	23.05	22.97	
QPSK	3/0	23.00	22.24	22.06	22.18		8/0	23.00	22.29	22.14	22.23	
	3/1	23.00	22.08	21.97	21.95		8/4	23.00	22.15	22.10	22.07	
	3/2	23.00	21.96	21.94	21.92		8/7	23.00	22.09	22.03	21.98	
	6/0	23.00	21.93	21.90	21.90		15/0	23.00	22.00	21.98	21.96	
16QAM	1/0	23.00	22.17	22.36	22.20	16QAM	1/0	23.00	22.25	22.42	22.27	
64QAM	1/0	22.50	22.16	22.16	21.87	64QAM	1/0	22.50	22.23	22.21	21.95	
256QAM	1/0	19.50	18.58	18.74	18.48	256QAM	1/0	19.50	18.63	18.78	18.54	

LTE E	32/BW=5M	ted Pow	er(dBm)	LTE B2/E	3W=10M	=10M Average Conducted Powe		er(dBm)			
Madula	DD 6:/	Max.	Channel	/Frequer	ncy(MHz)		RB	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	18625/ 1852.5	18900/ 1880	19175/ 1907.5	Modula -tion	Size/ Offset	Tune-up (dBm)	18650/ 1855	18900/ 1880	19150/ 1905
	1/0	23.50	22.97	22.09	22.29	QPSK	1/0	23.50	23.01	22.14	22.35
	1/12	23.50	23.00	23.10	22.93		1/24	23.50	23.05	23.17	23.00
	1/24	23.50	22.95	23.11	23.01		1/49	23.50	22.99	23.16	23.05
QPSK	12/0	23.00	22.32	22.20	22.29		25/0	23.00	22.37	22.23	22.31
	12/6	23.00	22.19	22.16	22.13		25/12	23.00	22.24	22.19	22.16
	12/11	23.00	22.13	22.10	22.05		25/24	23.00	22.20	22.14	22.08
	25/0	23.00	22.04	22.06	22.01		50/0	23.00	22.11	22.13	22.09
16QAM	1/0	23.00	22.30	22.48	22.35	16QAM	1/0	23.00	22.37	22.55	22.40
64QAM	1/0	22.50	22.27	22.29	22.03	64QAM	1/0	22.50	22.32	22.35	22.10
256QAM	1/0	19.50	18.70	18.82	18.61	256QAM	1/0	19.50	18.74	18.88	18.65



LTE B	2/BW=15M	Average	Conduc	ted Powe	er(dBm)	LTE B2/E	3W=20M	Average	Conduct	Conducted Power(dBm)		
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)		RB Size/ Offset	Max.	Channel/	Frequenc	cy(MHz)	
Modula -tion	RB Size/ Offset	Tune-up (dBm)	18675/ 1857.5	18900/ 1880	19125/ 1902.5	Modula -tion		Tune-up (dBm)	18700/ 1860	18900/ 1880	19100/ 1900	
	1/0	23.50	23.09	22.20	22.41	QPSK	1/0	23.50	23.16	22.25	22.46	
	1/38	23.50	23.11	23.24	23.08		1/49	23.50	23.18	23.30	23.13	
	1/74	23.50	23.06	23.20	23.12		1/99	23.50	23.12	23.26	23.17	
QPSK	36/0	23.00	22.41	22.26	22.35		50/0	23.00	22.45	22.42	22.39	
	36/18	23.00	22.29	22.22	22.20		50/24	23.00	22.32	22.38	22.27	
	36/35	23.00	22.21	22.17	22.14		50/49	23.00	22.28	22.25	22.21	
	75/0	23.00	22.19	22.19	22.13		100/0	23.00	22.26	22.23	22.18	
16QAM	1/0	23.00	22.43	22.62	22.44	16QAM	1/0	23.00	22.47	22.68	22.49	
64QAM	1/0	22.50	22.38	22.41	22.18	64QAM	1/0	22.50	22.43	22.46	22.23	
256QAM	1/0	19.50	18.79	18.92	18.73	256QAM	1/0	19.50	18.85	18.97	18.78	

Project No.: 2311T076 Page 45 of 151 Report Version: R04





LTE B	2/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B2/	LTE B2/BW=3M		Average Conducted Power(dBm)			
Madula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)	Modula	RB Size/ Offset	Max.	Channe	/Freque	ncy(MHz)	
Modula -tion	Offset	Tune-up (dBm)	18607/ 1850.7	18900/ 1880.0	19193/ 1909.3	-tion		Tune-up (dBm)	18615/ 1851.5	18900/ 1880.0	19185/ 1908.5	
	1/0	17.00	16.45	16.48	16.43	QPSK	1/0	17.00	16.53	16.56	16.51	
	1/2	17.00	16.42	16.44	16.39		1/8	17.00	16.50	16.52	16.47	
	1/5	17.00	16.37	16.38	16.36		1/14	17.00	16.45	16.46	16.44	
QPSK	3/0	16.00	15.54	15.52	15.52		8/0	16.00	15.62	15.60	15.60	
	3/1	16.00	15.47	15.51	15.44		8/4	16.00	15.55	15.59	15.52	
	3/2	16.00	15.44	15.45	15.43		8/7	16.00	15.52	15.53	15.51	
	6/0	16.00	15.49	15.52	15.47		15/0	16.00	15.57	15.60	15.55	
16QAM	1/0	16.00	15.52	15.55	15.50	16QAM	1/0	16.00	15.60	15.63	15.58	
64QAM	1/0	15.00	14.44	14.47	14.40	64QAM	1/0	15.00	14.51	14.53	14.46	
256QAM	1/0	13.00	12.39	12.42	12.36	256QAM	1/0	13.00	12.47	12.49	12.41	

LTE E	32/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B2/E	LTE B2/BW=10M		Average Conducted Power(dBm)			
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)	Modula	RB	Max.	Channe	/Freque	ncy(MHz)	
Modula -tion	RB Size/ Offset	Tune-up (dBm)	18625/ 1852.5	18900/ 1880	19175/ 1907.5	-tion	Size/ Offset	Tune-up (dBm)	18650/ 1855	18900/ 1880	19150/ 1905	
	1/0	17.00	16.58	16.61	16.56	QPSK	1/0	17.00	16.62	16.65	16.60	
	1/12	17.00	16.55	16.57	16.52		1/24	17.00	16.59	16.61	16.56	
	1/24	17.00	16.50	16.51	16.49		1/49	17.00	16.54	16.55	16.53	
QPSK	12/0	16.00	15.67	15.65	15.65		25/0	16.00	15.71	15.69	15.69	
	12/6	16.00	15.60	15.64	15.57		25/12	16.00	15.64	15.68	15.61	
	12/11	16.00	15.57	15.58	15.56		25/24	16.00	15.61	15.62	15.60	
	25/0	16.00	15.62	15.65	15.60		50/0	16.00	15.66	15.69	15.64	
16QAM	1/0	16.00	15.65	15.68	15.63	16QAM	1/0	16.00	15.69	15.72	15.67	
64QAM	1/0	15.00	14.54	14.57	14.53	64QAM	1/0	15.00	14.59	14.63	14.58	
256QAM	1/0	13.00	12.50	12.53	12.49	256QAM	1/0	13.00	12.56	12.60	12.55	

LTE B	2/BW=15M	Average	Conduc	ted Powe	er(dBm)	LTE B2/E	3W=20M	Average	Conduct	ed Powe	r(dBm)
Madula	DD 6:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB	Max.	Channel/	Frequenc	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	18675/ 1857.5	18900/ 1880	19125/ 1902.5	Modula -tion	Size/ Offset	Tune-up (dBm)	18700/ 1860	18900/ 1880	19100/ 1900
	1/0	17.00	16.71	16.74	16.69		1/0	17.00	16.84	16.87	16.82
	1/38	17.00	16.68	16.70	16.65		1/49	17.00	16.81	16.83	16.78
	1/74	17.00	16.63	16.64	16.62		1/99	17.00	16.76	16.77	16.75
QPSK	36/0	16.00	15.80	15.78	15.78	QPSK	50/0	16.00	15.93	15.91	15.91
	36/18	16.00	15.73	15.77	15.70		50/24	16.00	15.86	15.90	15.83
	36/35	16.00	15.70	15.71	15.69		50/49	16.00	15.83	15.84	15.82
	75/0	16.00	15.75	15.78	15.73		100/0	16.00	15.88	15.91	15.86
16QAM	1/0	16.00	15.78	15.81	15.76	16QAM	1/0	16.00	15.91	15.94	15.89
64QAM	1/0	15.00	14.70	14.72	14.67	64QAM	1/0	15.00	14.79	14.76	14.73
256QAM	1/0	13.00	12.68	12.65	12.63	256QAM	1/0	13.00	12.77	12.73	12.69

Project No.: 2311T076 Page 46 of 151 Report Version: R04



LTE Band 4

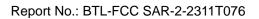
P-sensor off

LTE B	4/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B4/	BW=3M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 6:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB	Max.	Channel	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	19957/ 1710.7	20175/ 1732.5	20393/ 1754.3	Modula -tion	Size/ Offset	Tune-up (dBm)	19965/ 1711.5	20175/ 1732.5	20385/ 1753.5
	1/0	23.50	23.13	22.91	22.80		1/8	23.50	23.20	22.95	22.85
	1/2	23.50	23.13	22.77	22.80		1/14	23.50	23.20	22.83	22.87
	1/5	23.50	23.06	22.90	22.85	_	1/15	23.50	23.13	22.94	22.91
QPSK		QPSK	8/0	23.00	22.31	22.08	21.96				
	3/1	23.00	22.11	21.90	21.87		8/4	23.00	22.19	21.94	21.90
	3/2	23.00	21.98	21.85	21.80		8/7	23.00	22.04	21.88	21.86
	6/0	23.00	21.92	21.75	21.71		15/6	23.00	21.99	21.83	21.77
16QAM	1/0	23.00	22.11	22.24	22.18	16QAM	1/0	23.00	22.19	22.30	22.25
64QAM	1/0	22.50	22.03	21.97	21.89	64QAM	1/0	22.50	22.10	22.02	21.97
256QAM	1/0	19.50	18.64	18.54	18.49	256QAM	1/0	19.50	18.69	18.58	18.55

LTE B	34/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B4/E	3W=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)		RB	Max.	Channe	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	19975/ 1712.5	20175/ 1732.5	20375/ 1752.5	Modula -tion	Size/ Offset	Tune-up (dBm)	20000/ 1715	20175/ 1732.5	20350/ 1750
	1/0	23.50	23.28	23.02	22.91		1/0	23.50	23.22	23.07	22.97
	1/12	23.50	23.27	22.91	22.95		1/24	23.50	23.32	22.98	23.02
	1/24	23.50	23.20	23.00	22.95		1/49	23.50	23.24	23.05	22.99
QPSK	12/0	23.00	22.36	22.11	22.09		25/0	23.00	22.43	22.15	22.11
	12/6	23.00	22.23	22.03	21.97		25/12	23.00	22.32	22.07	22.01
	12/11	23.00	22.16	21.95	21.86		25/24	23.00	22.20	22.00	21.94
	25/0	23.00	22.03	21.91	21.82		50/0	23.00	22.10	21.98	21.90
16QAM	1/0	23.00	22.24	22.36	22.33	16QAM	1/0	23.00	22.31	22.43	22.38
64QAM	1/0	22.50	22.14	22.10	22.05	64QMA	1/0	22.50	22.19	22.16	22.12
256QAM	1/0	19.50	18.76	18.62	18.62	256QMA	1/0	19.50	18.80	18.68	18.66

LTE B	4/BW=15M	Average	Conduc	ted Powe	er(dBm)	LTE B4/E	3W=20M	Average	Conduc	ted Powe	r(dBm)
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB	Max.	Channel	/Frequen	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	20025/ 1717.5	20175/ 1732.5	20325/ 1747.5	Modula -tion	Size/ Offset	Tune-up (dBm)	20050/ 1720	20175/ 1732.5	20300/ 1745
	1/0	23.50	23.40	23.13	23.03		1/0	23.50	23.47	23.18	23.08
	1/38	23.50	23.38	23.05	23.10		1/49	23.50	23.45	23.11	23.15
	1/74	23.50	23.31	23.09	23.06	1	1/99	23.50	23.37	23.15	23.11
QPSK	36/0	23.00	22.49	22.20	22.17	QPSK	50/0	23.00	22.58	22.28	22.26
	36/18	23.00	22.36	22.18	22.05		50/24	23.00	22.45	22.16	22.13
	36/35	23.00	22.23	22.09	21.98		50/49	23.00	22.39	22.10	22.07
	75/0	23.00	22.18	22.04	21.94		100/0	23.00	22.25	22.08	21.99
16QAM	1/0	23.00	22.37	22.50	22.42	16QAM	1/0	23.00	22.41	22.56	21.99
64QAM	1/0	22.50	22.25	22.22	22.20	64QAM	1/0	22.50	22.30	22.27	22.25
256QAM	1/0	19.50	18.75	18.72	18.74	256QAM	1/0	19.50	18.91	18.77	18.79

Project No.: 2311T076 Page 47 of 151 Report Version: R04





LTE B	4/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B4/	BW=3M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 6:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	19957/ 1710.7	20175/ 1732.5	20393/ 1754.3	Modula -tion	Size/ Offset	Tune-up (dBm)	19965/ 1711.5	20175/ 1732.5	20385/ 1753.5
	1/0	19.00	18.43	18.49	18.47		1/8	19.00	18.51	18.57	18.55
	1/2	19.00	18.45	18.44	18.42		1/14	19.00	18.53	18.52	18.50
	1/5	19.00	18.40	18.41	18.37		1/15	19.00	18.48	18.49	18.45
QPSK	3/0	18.00	17.52	17.53	17.56	QPSK	8/0	18.00	17.60	17.61	17.64
	3/1	18.00	17.50	17.51	17.47		8/4	18.00	17.58	17.59	17.55
	3/2	18.00	17.47	17.48	17.44		8/7	18.00	17.55	17.56	17.52
	6/0	18.00	17.45	17.53	17.51		15/6	18.00	17.55	17.61	17.59
16QAM	1/0	18.00	17.50	17.56	17.54	16QAM	1/0	18.00	17.58	17.64	17.62
64QAM	1/0	17.00	16.37	16.45	16.42	64QAM	1/0	17.00	16.48	16.53	16.50
256QAM	1/0	15.00	14.33	14.41	14.38	256QAM	1/0	15.00	14.44	14.47	14.45

LTE E	34/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B4/E	3W=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	19975/ 1712.5	20175/ 1732.5	20375/ 1752.5	Modula -tion	Size/ Offset	Tune-up (dBm)	20000/ 1715	20175/ 1732.5	20350/ 1750
	1/0	19.00	18.56	18.62	18.60		1/0	19.00	18.60	18.66	18.64
	1/12	19.00	18.58	18.57	18.55		1/24	19.00	18.62	18.61	18.59
	1/24	19.00	18.53	18.54	18.50		1/49	19.00	18.57	18.58	18.54
QPSK	12/0	18.00	17.65	17.66	17.69	QPSK	25/0	18.00	17.69	17.70	17.73
	12/6	18.00	17.63	17.64	17.60		25/12	18.00	17.67	17.68	17.64
	12/11	18.00	17.60	17.61	17.57		25/24	18.00	17.64	17.65	17.61
	25/0	18.00	17.60	17.66	17.64		50/0	18.00	17.64	17.70	17.68
16QAM	1/0	18.00	17.63	17.69	17.67	16QAM	1/0	18.00	17.67	17.73	17.71
64QAM	1/0	17.00	16.51	16.56	16.53	64QMA	1/0	17.00	16.59	16.63	16.61
256QAM	1/0	15.00	14.47	14.52	14.49	256QMA	1/0	15.00	14.52	14.57	14.54

LTE B	4/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B4/E	3W=20M	Average	Conduc	ted Powe	r(dBm)
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB	Max.	Channel	/Frequen	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	20025/ 1717.5	20175/ 1732.5	20325/ 1747.5	Modula -tion	Size/ Offset	Tune-up (dBm)	20050/ 1720	20175/ 1732.5	20300/ 1745
	1/0	19.00	18.69	18.75	18.73		1/0	19.00	18.82	18.88	18.86
	1/38	19.00	18.71	18.70	18.68		1/49	19.00	18.84	18.83	18.81
	1/74	19.00	18.66	18.67	18.63		1/99	19.00	18.79	20175/ 1732.5 18.88	18.76
QPSK	36/0	18.00	17.78	17.79	17.82	QPSK	50/0	18.00	17.91	17.92	17.95
	36/18	18.00	17.76	17.77	17.73		50/24	18.00	17.89	17.90	17.86
	36/35	18.00	17.73	17.74	17.70		50/49	18.00	17.86	17.87	17.83
	75/0	18.00	17.73	17.79	17.77		100/0	18.00	17.86	17.92	17.90
16QAM	1/0	18.00	17.76	17.82	17.80	16QAM	1/0	18.00	17.89	17.95	17.93
64QAM	1/0	17.00	16.66	16.73	16.70	64QAM	1/0	17.00	16.79	16.84	16.81
256QAM	1/0	15.00	14.62	14.69	14.65	256QAM	1/0	15.00	14.74	14.80	14.78



LTE Band 5

P-sensor off

LTE B	5/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B5/	BW=3M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	20407/ 824.7	20525/ 836.5	20643/ 848.3	Modula -tion	Size/ Offset	Tune-up (dBm)	20415/ 825.5	20525/ 836.5	20635/ 847.5
	1/0	23.50	23.09	23.01	23.09		1/8	23.50	23.16	23.05	23.14
	1/2	23.50	23.02	23.06	22.98		1/14	23.50	23.09	23.12	23.05
	1/5	23.50	22.99	23.03	23.03		1/15	23.50	23.06	23.07	23.09
QPSK		QPSK	8/0	23.00	22.46	22.43	22.37				
	3/1	23.00	22.30	22.24	22.21		8/4	23.00	22.34	22.28	22.26
	3/2	23.00	22.25	22.16	22.12		8/7	23.00	22.29	22.20	22.17
	6/0	23.00	22.06	22.03	22.07		15/6	23.00	22.13	22.11	22.13
16QAM	1/0	23.00	22.45	22.32	22.31	16QAM	1/0	23.00	22.53	22.38	22.38
64QAM	1/0	22.50	22.27	22.12	22.11	64QAM	1/0	22.50	22.34	22.18	22.19
256QAM	1/0	19.50	18.88	18.81	18.79	256QAM	1/0	19.50	18.93	18.85	18.85

LTE E	85/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B5/E	3W=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)		RB	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	20425/ 826.5	20525/ 836.5	20625/ 846.5	Modula -tion	Size/ Offset	Tune-up (dBm)	20450/ 829.0	20525/ 836.5	20600/ 844.0
	1/0	23.50	23.24	23.12	23.20		1/0	23.50	23.28	23.17	23.26
	1/12	23.50	23.16	23.20	23.13		1/24	23.50	23.21	23.27	23.20
	1/24	23.50	23.13	23.13	23.13		1/49	23.50	23.17	23.18	23.17
QPSK	12/0	23.00	22.51	22.48	22.45	QPSK	25/0	23.00	22.58	22.53	22.56
	12/6	23.00	22.40	22.32	22.29		25/12	23.00	22.49	22.45	22.42
	12/11	23.00	22.36	22.27	22.21		25/24	23.00	22.41	22.38	22.33
	25/0	23.00	22.17	22.19	22.18		50/0	23.00	22.24	22.26	22.26
16QAM	1/0	23.00	22.58	22.44	22.46	16QAM	1/0	23.00	22.65	22.51	22.51
64QAM	1/0	22.50	22.38	22.26	22.27	64QMA	1/0	22.50	22.43	22.32	22.34
256QAM	1/0	19.50	19.00	18.89	18.92	256QMA	1/0	19.50	19.04	18.95	18.96

Project No.: 2311T076 Page 49 of 151 Report Version: R04



LTE B	5/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B5/	BW=3M	Average	Conduc	ted Pow	er(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	Offset	Tune-up (dBm)	20407/ 824.7	20525/ 836.5	20643/ 848.3	Modula -tion	Size/ Offset	Tune-up (dBm)	20415/ 825.5	20525/ 836.5	20635/ 847.5
	1/0	22.50	22.04	21.60	21.66		1/8	22.50	22.11	21.67	21.73
	1/2	22.50	22.03	21.57	21.63		1/14	22.50	22.10	21.64	21.70
	1/5	22.50	21.98	21.54	21.61		1/15	22.50	22.05	21.61	21.68
QPSK	3/0	21.50	21.13	20.69	20.75	QPSK	8/0	21.50	21.20	20.76	20.82
	3/1	21.50	21.08	20.62	20.68		8/4	21.50	21.15	20.69	20.75
	3/2	21.50	21.05	20.61	20.68		8/7	21.50	21.12	20.68	20.75
	6/0	21.50	21.08	20.64	20.70		15/0	21.50	21.15	20.71	20.77
16QAM	1/0	21.50	21.08	20.64	20.71	16QAM	1/0	21.50	21.15	20.71	20.78
64QAM	1/0	20.50	20.19	19.75	19.77	64QAM	1/0	20.50	20.26	19.82	19.84
256QAM	1/0	18.50	18.22	18.33	18.33	256QAM	1/0	18.50	18.15	18.14	18.13

LTE E	35/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B5/E	3W=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD Cina/	Max.	Channel	/Frequer	cy(MHz)	Madula	RB	Max.	Channel	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	20425/ 826.5	20525/ 836.5	20625/ 846.5	Modula -tion	Size/ Offset	Tune-up (dBm)	20450/ 829.0	20525/ 836.5	20600/ 844.0
	1/0	22.50	22.20	22.31	22.29		1/0	22.50	22.25	22.36	22.34
	1/12	22.50	22.19	22.30	22.26		1/24	22.50	22.24	22.35	22.31
	1/24	22.50	22.14	22.28	22.23		1/49	22.50	22.19	22.33	22.28
QPSK	12/0	21.50	21.29	21.40	21.38	QPSK	25/0	21.50	21.34	21.45	21.43
	12/6	21.50	21.24	21.35	21.31		25/12	21.50	21.29	21.40	21.36
	12/11	21.50	21.21	21.35	21.30		25/24	21.50	21.26	21.40	21.35
	25/0	21.50	21.24	21.35	21.33		50/0	21.50	21.29	21.40	21.38
16QAM	1/0	21.50	21.24	21.38	21.33	16QAM	1/0	21.50	21.29	21.43	21.38
64QAM	1/0	20.50	20.35	20.46	20.40	64QMA	1/0	20.50	20.40	20.51	20.45
256QAM	1/0	18.50	18.25	18.24	18.23	256QMA	1/0	18.50	18.21	18.23	18.25

Project No.: 2311T076 Page 50 of 151 Report Version: R04



LTE Band 7

P-sensor off

LTE E	87/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B7/E	3W=10M	Average	Conduc	ted Pow	er(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	cy(MHz)		RB	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	Offset	Tune-up (dBm)	20775/ 2502.5	21100/ 2535.0	21425/ 2567.5	Modula -tion	Size/ Offset	Tune-up (dBm)	20800/ 2505.0	21100/ 2535.0	21400/ 2565.0
	1/0	22.00	21.40	21.56	21.76		1/0	22.00	21.44	21.61	21.82
	1/12	22.00	21.55	21.74	22.04		1/24	22.00	21.60	21.81	22.11
	1/24	22.00	21.65	21.89	21.87		1/49	22.00	21.69	21.94	21.91
QPSK	12/0	21.50	21.28	21.27	21.32	QPSK	25/0	21.50	21.31	21.35	21.39
	12/6	21.50	21.15	21.19	21.21		25/12	21.50	21.19	21.23	21.27
	12/11	21.50	21.09	21.10	21.14		25/24	21.50	21.12	21.16	21.20
	25/0	21.50	20.58	20.79	20.98		50/0	21.50	20.65	20.86	21.06
16QAM	1/0	21.50	20.87	20.89	21.17	16QAM	1/0	21.50	20.94	20.96	21.22
64QAM	1/0	21.00	20.74	20.80	20.94	64QMA	1/0	21.00	20.79	20.86	21.01
256QAM	1/0	19.50	18.61	18.66	18.67	256QMA	1/0	19.50	18.65	19.86	18.71

LTE B	37/BW=15M	Average	Conduc	ted Powe	er(dBm)	LTE B7/E	3W=20M	Average	Conduct	ted Powe	r(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB	Max.	Channel	/Frequen	cy(MHz)
Modula -tion	Offset	Tune-up (dBm)	20825/ 2507.5	21100/ 2535.0	21375/ 2562.5	Modula -tion	Size/ Offset	Tune-up (dBm)	20850/ 2510.0	21100/ 2535.0	21350/ 2560.0
	1/0	22.00	21.52	21.67	21.88		1/0	22.00	21.59	21.72	21.93
	1/38	22.00	21.66	21.88	22.19		1/49	22.00	21.73	21.94	22.24
	1/74	22.00	21.76	21.98	21.98		1/99	22.00	21.82	22.04	22.03
QPSK	36/0	21.50	21.38	21.40	21.44	QPSK	50/0	21.50	21.41	21.46	21.48
	36/18	21.50	21.22	21.29	21.32		50/24	21.50	21.30	21.33	21.36
	36/35	21.50	21.17	21.21	21.26		50/49	21.50	21.23	21.25	21.29
	75/0	21.50	20.73	20.92	21.10		100/0	21.50	20.80	20.96	21.15
16QAM	1/0	21.50	21.00	21.03	21.26	16QAM	1/0	21.50	21.04	21.09	21.31
64QAM	1/0	21.00	20.85	20.92	21.09	64QAM	1/0	21.00	20.90	20.97	21.14
256QAM	1/0	19.50	18.70	18.76	18.79	256QAM	1/0	19.50	18.76	18.81	18.84

Project No.: 2311T076 Page 51 of 151 Report Version: R04



P-sensor on

LTE E	37/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B7/E	3W=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD Cina/	Max.	Channel	/Frequer	cy(MHz)	Madula	RB	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	20775/ 2502.5	21100/ 2535.0	21425/ 2567.5	Modula -tion	Size/ Offset	Tune-up (dBm)	20800/ 2505.0	21100/ 2535.0	21400/ 2565.0
	1/0	20.00	19.50	19.53	19.42		1/0	20.00	19.58	19.61	19.50
	1/12	20.00	19.45	19.46	19.41		1/24	20.00	19.53	19.54	19.49
	1/24	20.00	19.42	19.45	19.39		1/49	20.00	19.50	19.53	19.47
QPSK	12/0	19.00	18.59	18.62	18.51	QPSK	25/0	19.00	18.67	18.70	18.59
	12/6	19.00	18.50	18.51	18.46		25/12	19.00	18.58	18.59	18.54
	12/11	19.00	18.49	18.52	18.42		25/24	19.00	18.57	18.60	18.48
	25/0	19.00	18.54	18.57	18.39		50/0	19.00	18.62	18.65	18.46
16QAM	1/0	19.00	18.52	18.55	18.49	16QAM	1/0	19.00	18.60	18.63	18.57
64QAM	1/0	18.00	17.65	17.68	17.57	64QMA	1/0	18.00	17.73	17.76	17.65
256QAM	1/0	16.00	15.12	15.15	15.08	256QMA	1/0	16.00	15.21	15.33	17.22

LTE B	7/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B7/E	3W=20M	Average	Conduct	ted Powe	r(dBm)
Madula	DD 6:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB	Max.	Channel	/Frequen	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	20825/ 2507.5	21100/ 2535.0	21375/ 2562.5	Modula -tion	Size/ Offset	Tune-up (dBm)	20850/ 2510.0	21100/ 2535.0	21350/ 2560.0
	1/0	20.00	19.67	19.70	19.59		1/0	20.00	19.79	19.82	19.71
	1/38	20.00	19.62	19.63	19.58		1/49	20.00	19.74	19.75	19.70
	1/74	20.00	19.59	19.62	19.56		1/99	20.00	19.71	19.74	19.68
QPSK	36/0	19.00	18.76	18.79	18.68	QPSK	50/0	19.00	18.88	18.91	18.80
	36/18	19.00	18.67	18.68	18.62		50/24	19.00	18.79	18.80	18.77
	36/35	19.00	18.66	18.69	18.56		50/49	19.00	18.78	18.81	18.74
	75/0	19.00	18.71	18.74	18.53		100/0	19.00	18.83	18.86	18.69
16QAM	1/0	19.00	18.69	18.72	18.66	16QAM	1/0	19.00	18.81	18.84	18.78
64QAM	1/0	18.00	17.82	17.85	17.74	64QAM	1/0	18.00	17.94	17.97	17.86
256QAM	1/0	16.00	15.25	15.36	15.22	256QAM	1/0	16.00	15.16	15.10	15.24

Project No.: 2311T076 Page 52 of 151 Report Version: R04



LTE Band 12

P-sensor off

LTE B1	2/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B12	/BW=3M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 6:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	23017/ 699.7	23095/ 707.5	23173/ 715.3	Modula -tion	Size/ Offset	Tune-up (dBm)	23025/ 700.5	23095/ 707.5	23165/ 714.5
	1/0	24.00	23.26	23.32	23.28		1/8	24.00	23.33	23.36	23.33
	1/2	24.00	23.43	23.35	23.35		1/14	24.00	23.50	23.41	23.42
	1/5	24.00	23.42	23.39	23.37		1/15	24.00	23.49	23.43	23.43
QPSK	3/0	23.50	22.70	22.64	22.67	QPSK	8/0	23.50	22.74	22.69	22.71
	3/1	23.50	22.60	22.53	22.55		8/4	23.50	22.67	22.62	22.63
	3/2	23.50	22.52	22.46	22.49		8/7	23.50	22.59	22.55	22.54
	6/0	23.50	22.43	22.29	22.37		15/0	23.50	22.50	22.37	22.43
16QAM	1/0	23.50	22.73	22.64	22.64	16QAM	1/0	23.50	22.81	22.70	22.71
64QAM	1/0	23.00	22.57	22.49	22.53	64QAM	1/0	23.00	22.64	22.54	22.42
256QAM	1/0	20.00	18.82	18.72	18.93	256QAM	1/0	20.00	18.96	18.76	18.99

LTE B	12/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B12/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	cy(MHz)	Madula	DD Cina/	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	Offset	Tune-up (dBm)	23035/ 701.5	23095/ 707.5	23155/ 713.5	Modula -tion	Offset	Tune-up (dBm)	23060/ 704.0	23095/ 707.5	23130/ 711.0
	1/0	24.00	23.41	23.43	23.39		1/0	24.00	23.45	23.48	23.45
	1/12	24.00	23.57	23.49	23.50		1/24	24.00	23.62	23.56	23.57
	1/24	24.00	23.56	23.49	23.47		1/49	24.00	23.60	23.54	23.51
QPSK	12/0	23.50	22.78	22.72	22.75	QPSK	25/0	23.50	22.89	22.83	22.86
	12/6	23.50	22.71	22.68	22.67		25/12	23.50	22.79	22.72	22.74
	12/11	23.50	22.63	22.60	22.60		25/24	23.50	22.75	22.69	22.65
	25/0	23.50	22.54	22.45	22.48		50/0	23.50	22.61	22.52	22.56
16QAM	1/0	23.50	22.86	22.76	22.79	16QAM	1/0	23.50	22.93	22.83	22.84
64QAM	1/0	23.00	22.68	22.62	22.50	64QMA	1/0	23.00	22.73	22.68	22.57
256QAM	1/0	20.00	18.94	18.80	19.06	256QMA	1/0	20.00	18.98	18.86	19.10

Project No.: 2311T076 Page 53 of 151 Report Version: R04





LTE B1	2/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B12	BW=3M	Average	Conduc	ted Pow	er(dBm)
No alaska	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)		RB	Max.	Channe	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	23017/ 699.7	23095/ 707.5	23173/ 715.3	Modula -tion	Size/ Offset	Tune-up (dBm)	23025/ 700.5	23095/ 707.5	23165/ 714.5
	1/0	23.00	22.53	22.57	22.55		1/8	23.00	22.64	22.68	22.66
	1/2	23.00	22.48	22.55	22.48		1/14	23.00	22.59	22.66	22.59
	1/5	23.00	22.45	22.49	22.47		1/15	23.00	22.56	22.60	22.58
QPSK	3/0	22.00	21.62	21.66	21.64	QPSK	8/0	22.00	21.73	21.77	21.75
	3/1	22.00	21.53	21.60	21.53		8/4	22.00	21.64	21.71	21.64
	3/2	22.00	21.52	21.56	21.54		8/7	22.00	21.63	21.67	21.65
	6/0	22.00	21.57	21.61	21.59		15/6	22.00	21.68	21.72	21.70
16QAM	1/0	22.00	21.55	21.59	21.57	16QAM	1/0	22.00	21.66	21.70	21.68
64QAM	1/0	21.00	20.68	20.72	20.70	64QAM	1/0	21.00	20.79	20.83	20.81
256QAM	1/0	19.00	18.88	18.74	18.76	256QAM	1/0	19.00	18.75	18.71	18.72

LTE B	12/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B12/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Ci-c/	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	23035/ 701.5	23095/ 707.5	23155/ 713.5	Modula -tion	Offset	Tune-up (dBm)	23060/ 704.0	23095/ 707.5	23130/ 711.0
	1/0	23.00	22.71	22.75	22.73		1/0	23.00	22.79	22.83	22.81
	1/12	23.00	22.66	22.73	22.66		1/24	23.00	22.74	22.81	22.74
	1/24	23.00	22.63	22.67	22.65		1/49	23.00	22.71	22.75	22.73
QPSK	12/0	22.00	21.80	21.84	21.82	QPSK	25/0	22.00	21.88	21.92	21.90
	12/6	22.00	21.71	21.78	21.71		25/12	22.00	21.79	21.86	21.79
	12/11	22.00	21.70	21.74	21.72		25/24	22.00	21.78	21.82	21.80
	25/0	22.00	21.75	21.79	21.77		50/0	22.00	21.83	21.87	21.85
16QAM	1/0	22.00	21.73	21.77	21.75	16QAM	1/0	22.00	21.81	21.85	21.83
64QAM	1/0	21.00	20.86	20.90	20.88	64QMA	1/0	21.00	20.94	20.98	20.96
256QAM	1/0	19.00	18.88	18.84	18.81	256QMA	1/0	19.00	18.85	18.92	18.91





LTE Band 13

P-sensor off

LTE B	13/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B13/	BW=10M	Average	Conducted Power(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	cy(MHz)	Madula	DD Cina/	Max.	Channel/Frequency(MHz)
Modula -tion	Offset	Tune-up (dBm)	23025/ 779.5	23230/ 782.0	23255/ 784.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	23230/ 782.0
	1/0	24.00	23.34	23.33	23.32		1/0	24.00	23.38
	1/12	24.00	23.46	23.44	23.44		1/24	24.00	23.51
	1/24	24.00	23.37	23.36	23.37		1/49	24.00	23.41
QPSK	12/0	23.50	22.60	22.68	22.62	QPSK	25/0	23.50	22.75
	12/6	23.50	22.53	22.61	22.56		25/12	23.50	22.67
	12/11	23.50	22.45	22.53	22.47		25/24	23.50	22.59
	25/0	23.50	22.36	22.36	22.35		50/0	23.50	22.43
16QAM	1/0	23.50	22.72	22.72	22.74	16QAM	1/0	23.50	22.79
64QAM	1/0	23.00	22.49	22.48	22.47	64QMA	1/0	23.00	22.54
256QAM	1/0	20.00	18.85	18.83	18.85	256QMA	1/0	20.00	18.89

P-sensor on

LTE B	13/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B13/	BW=10M	Average	Conducted Power(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Cina/	Max.	Channel/Frequency(MHz)
Modula -tion	Offset	Tune-up (dBm)	23025/ 779.5	23230/ 782.0	23255/ 784.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	23230/ 782.0
	1/0	23.00	22.67	22.75	22.72		1/0	23.00	22.83
	1/12	23.00	22.59	22.67	22.64		1/24	23.00	22.75
	1/24	23.00	22.58	22.66	22.63		1/49	23.00	22.74
QPSK	12/0	22.00	21.68	21.76	21.73	QPSK	25/0	22.00	21.84
	12/6	22.00	21.58	21.66	21.63		25/12	22.00	21.74
	12/11	22.00	21.54	21.62	21.59		25/24	22.00	21.70
	25/0	22.00	21.62	21.70	21.67		50/0	22.00	21.78
16QAM	1/0	22.00	21.46	21.54	21.51	16QAM	1/0	22.00	21.62
64QAM	1/0	21.00	20.67	20.75	20.72	64QMA	1/0	21.00	20.83
256QAM	1/0	19.00	18.74	18.76	18.71	256QMA	1/0	19.00	18.88

Project No.: 2311T076 Page 55 of 151 Report Version: R04



LTE Band 14

P-sensor off

LTE B	14/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B14/	BW=10M	Average	Conducted Power(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)		DD Cina/	Max.	Channel/Frequency(MHz)
Modula -tion	Offset	Tune-up (dBm)	23305/ 790.5	23330/ 793	23355/ 795.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	23330/ 793
	1/0	24.00	23.47	23.46	23.45		1/0	24.00	23.51
	1/12	24.00	23.39	23.37	23.37		1/24	24.00	23.44
	1/24	24.00	23.30	23.29	23.30		1/49	24.00	23.34
QPSK	12/0	23.50	22.61	22.60	22.63	QPSK	25/0	23.50	22.63
	12/6	23.50	22.52	22.54	22.56		25/12	23.50	22.58
	12/11	23.50	22.42	22.46	22.49		25/24	23.50	22.45
	25/0	23.50	22.32	22.32	22.31		50/0	23.50	22.39
16QAM	1/0	23.50	22.82	22.82	22.84	16QAM	1/0	23.50	22.89
64QAM	1/0	23.00	22.59	22.58	22.57	64QAM	1/0	23.00	22.64
265QAM	1/0	20.00	18.99	18.97	18.99	265QAM	1/0	20.00	19.03

P-sensor on

LTE B	14/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B14/	BW=10M	Average	e Conducted Power(dBm)
Modula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB Size/	Max.	Channel/Frequency(MHz)
-tion	Offset	Tune-up (dBm)	23305/ 790.5	23330/ 793	23355/ 795.5	-tion	Offset	Tune-up (dBm)	23330/ 793
	1/0	23.00	22.72	22.80	22.77		1/0	23.00	22.88
	1/12	23.00	22.68	22.76	22.73		1/24	23.00	22.84
	1/24	23.00	22.65	22.73	22.70		1/49	23.00	22.81
QPSK	12/0	22.00	21.73	21.81	21.78	QPSK	25/0	22.00	21.89
	12/6	22.00	21.67	21.75	21.72		25/12	22.00	21.83
	12/11	22.00	21.61	21.69	21.66		25/24	22.00	21.77
	25/0	22.00	22.72	22.80	22.77		50/0	22.00	21.83
16QAM	1/0	22.00	21.53	21.61	21.58	16QAM	1/0	22.00	21.69
64QAM	1/0	21.00	20.72	20.80	20.77	64QAM	1/0	21.00	20.88
265QAM	1/0	19.00	18.75	18.71	18.79	265QAM	1/0	19.00	18.76

Project No.: 2311T076 Page 56 of 151 Report Version: R04



LTE Band 17

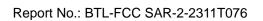
P-sensor off

LTE B	17/BW=5M	Average	Conduc	ted Powe	er(dBm)	LTE B17/	BW=10M	Average	Conduc	ted Powe	er(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Sino/	Max.	Channel	/Frequen	cy(MHz)
Modula -tion	Offset	Tune-up (dBm)	23755/ 706.5	23790/ 710	23825/ 713.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	23780/ 709.0	23790/ 710	23800/ 711.0
	1/0	23.50	23.28	23.29	23.22		1/0	23.50	23.32	23.34	23.28
	1/12	23.50	23.39	23.34	23.35		1/24	23.50	23.44	23.41	23.42
	1/24	23.50	23.33	23.30	23.33		1/49	23.50	23.37	23.35	23.37
QPSK	12/0	23.00	22.50	22.48	22.53	QPSK	25/0	23.00	22.67	22.60	22.65
	12/6	23.00	22.47	22.39	22.45		25/12	23.00	22.56	22.52	22.58
	12/11	23.00	22.40	22.34	22.37		25/24	23.00	22.43	22.38	22.46
	25/0	23.00	22.32	22.22	22.22		50/0	23.00	22.39	22.29	22.30
16QAM	1/0	23.00	22.63	22.64	22.61	16QAM	1/0	23.00	22.70	22.71	22.66
64QAM	1/0	22.50	22.49	22.36	22.43	64QAM	1/0	22.50	22.54	22.42	22.48
265QAM	1/0	19.50	19.09	18.91	18.90	265QAM	1/0	19.50	19.13	18.97	18.94

P-sensor on

LTE B	17/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B17/	/BW=10M	Average	Conduc	ted Powe	er(dBm)
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Ci-c/	Max.	Channel	/Frequen	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	23755/ 706.5	23790/ 710	23825/ 713.5	Modula -tion	Offset	Max. Tune-up (dBm)	23780/ 709.0	23790/ 710	23800/ 711.0
	1/0	22.50	22.24	22.30	22.25		1/0	22.50	22.36	22.42	22.37
	1/12	22.50	22.19	22.26	22.22		1/24	22.50	22.31	22.38	22.34
	1/24	22.50	22.15	22.23	22.16		1/49	22.50	22.27	22.35	22.28
QPSK	12/0	21.50	21.33	21.39	21.34	QPSK	25/0	21.50	21.45	21.49	21.46
	12/6	21.50	21.24	21.31	21.27		25/12	21.50	21.36	21.43	21.39
	12/11	21.50	21.22	21.30	21.23		25/24	21.50	21.34	21.42	21.35
	25/0	21.50	21.28	21.34	21.29		50/0	21.50	21.40	21.46	21.41
16QAM	1/0	21.50	21.25	21.33	21.26	16QAM	1/0	21.50	21.37	21.45	21.38
64QAM	1/0	20.50	20.39	20.45	20.40	64QAM	1/0	20.50	20.46	20.47	20.39
265QAM	1/0	18.50	18.44	18.41	18.37	265QAM	1/0	18.50	18.42	18.48	18.37

Project No.: 2311T076 Page 57 of 151 Report Version: R04





LTE Band 25

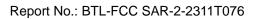
P-sensor off

LTE B2	5/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B25/	/BW=3M	Average	Conduc	ted Pow	er(dBm)
Modulo	DD Sino/	Max.	Channel	/Frequer	ncy(MHz)		RB	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	26047/ 1850.7	26365/ 1882.5	26683/ 1914.3	Modula -tion	Size/ Offset	Tune-up (dBm)	26055/ 1851.5	26365/ 1882.5	26675/ 1913.5
	1/0	24.00	23.11	23.11	23.05		1/0	24.00	23.18	23.15	23.10
	1/2	24.00	23.08	23.00	23.00		1/8	24.00	23.15	23.06	23.07
	1/5	24.00	23.13	23.12	23.18		1/14	24.00	23.20	23.16	23.24
QPSK	3/0	23.50	22.32	22.42	22.36	QPSK	8/0	23.50	22.37	22.48	22.41
	3/1	23.50	22.26	22.31	22.25		8/4	23.50	22.31	22.35	22.30
	3/2	23.50	22.17	22.19	22.20		8/7	23.50	22.27	22.27	22.25
	6/0	23.50	22.09	22.01	22.15		15/0	23.50	22.16	22.09	22.21
16QAM	1/0	23.50	22.43	22.34	22.36	16QAM	1/0	23.50	22.51	22.40	22.43
64QAM	1/0	23.00	22.28	22.23	22.20	64QAM	1/0	23.00	22.35	22.28	22.28
256QAM	1/0	20.00	18.57	18.73	18.72	256QAM	1/0	20.00	18.62	18.77	18.78

LTE B	25/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B25/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Medule	RB Size/	Max.	Channel	/Frequen	cy(MHz)	Madula	DD Cina/	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	Offset	Tune-up (dBm)	26065/ 1852.5	26365/ 1882.5	26665/ 1912.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	26090/ 1855.0	26365/ 1882.5	26640/ 1910.0
	1/0	24.00	23.26	23.22	23.16		1/0	24.00	23.30	23.27	23.22
	1/12	24.00	23.22	23.14	23.15		1/24	24.00	23.27	23.21	23.22
	1/24	24.00	23.27	23.22	23.28		1/49	24.00	23.31	23.27	23.32
QPSK	12/0	23.50	22.43	22.52	22.48	QPSK	25/0	23.50	22.45	22.58	22.51
	12/6	23.50	22.33	22.44	22.36		25/12	23.50	22.38	22.49	22.46
	12/11	23.50	22.23	22.38	22.31		25/24	23.50	22.30	22.37	22.39
	25/0	23.50	22.20	22.17	22.26		50/0	23.50	22.27	22.24	22.34
16QAM	1/0	23.50	22.56	22.46	22.51	16QAM	1/0	23.50	22.63	22.53	22.56
64QAM	1/0	23.00	22.39	22.36	22.36	64QAM	1/0	23.00	22.44	22.42	22.43
256QAM	1/0	20.00	18.69	18.81	18.85	256QAM	1/0	20.00	18.73	18.87	18.89

LTE B2	25/BW=15M	Average	Conduc	ted Powe	er(dBm)	LTE B25/	BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	RB Size/	Max.	Channel	/Frequen	ncy(MHz)	Madula	DD 6:/		Channel/	Frequenc	cy(MHz)
Modula -tion	Offset	Tune-up (dBm)	26115/ 1857.5	26365/ 1882.5	26615/ 1907.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	26140/ 1860.0	26365/ 1882.5	26590/ 1905.0
	1/0	24.00	23.38	23.33	23.28		1/0	24.00	23.45	23.38	23.33
	1/38	24.00	23.33	23.28	23.30		1/49	24.00	23.40	23.34	23.35
	1/74	24.00	23.38	23.31	23.39		1/99	24.00	23.44	23.37	23.44
QPSK	36/0	23.50	22.58	22.61	22.63	QPSK	50/0	23.50	22.71	22.74	22.76
	36/18	23.50	22.54	22.56	22.55		50/24	23.50	22.65	22.68	22.64
	36/35	23.50	22.47	22.45	22.48		50/49	23.50	22.52	22.55	22.58
	75/0	23.50	22.35	22.30	22.38		100/0	23.50	22.42	22.34	22.43
16QAM	1/0	23.50	22.69	22.60	22.60	16QAM	1/0	23.50	22.73	22.66	22.65
64QAM	1/0	23.00	22.50	22.48	22.51	64QAM	1/0	23.00	22.55	22.53	22.56
256QAM	1/0	20.00	18.78	18.91	18.97	256QAM	1/0	20.00	18.84	18.96	19.02

Project No.: 2311T076 Page 58 of 151 Report Version: R04





LTE B2	25/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B25/	/BW=3M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 6:/	Max.	Channel	/Frequer	cy(MHz)		RB	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	26047/ 1850.7	26365/ 1882.5	26683/ 1914.3	Modula -tion	Size/ Offset	Tune-up (dBm)	26055/ 1851.5	26365/ 1882.5	26675/ 1913.5
	1/0	17.00	16.37	16.45	16.38		1/0	17.00	16.41	16.49	16.42
	1/2	17.00	16.34	16.44	16.33		1/8	17.00	16.38	16.48	16.37
	1/5	17.00	16.32	16.43	16.27		1/14	17.00	16.36	16.47	16.31
QPSK	3/0	16.00	15.46	15.54	15.47	QPSK	8/0	16.00	15.50	15.58	15.51
	3/1	16.00	15.39	15.49	15.38		8/4	16.00	15.43	15.53	15.42
	3/2	16.00	15.33	15.45	15.32		8/7	16.00	15.39	15.47	15.38
	6/0	16.00	15.29	15.38	15.27		15/0	16.00	15.35	15.42	15.33
16QAM	1/0	16.00	15.42	15.53	15.37	16QAM	1/0	16.00	15.46	15.57	15.41
64QAM	1/0	15.00	14.36	14.41	14.31	64QAM	1/0	15.00	14.40	14.45	14.35
256QAM	1/0	13.00	12.76	12.77	12.79	256QAM	1/0	13.00	12.69	12.64	12.61

LTE B	25/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B25/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD C:/	Max.	Channel	/Frequen	cy(MHz)	Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	26065/ 1852.5	26365/ 1882.5	26665/ 1912.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	26090/ 1855.0	26365/ 1882.5	26640/ 1910.0
	1/0	17.00	16.49	16.57	16.50		1/0	17.00	16.56	16.64	16.57
	1/12	17.00	16.46	16.56	16.45		1/24	17.00	16.53	16.63	16.52
	1/24	17.00	16.44	16.55	16.39		1/49	17.00	16.51	16.62	16.46
QPSK	12/0	16.00	15.58	15.66	15.59	QPSK	25/0	16.00	15.65	15.73	15.66
	12/6	16.00	15.51	15.61	15.50		25/12	16.00	15.58	15.68	15.57
	12/11	16.00	15.49	15.58	15.47		25/24	16.00	15.54	15.64	15.53
	25/0	16.00	15.46	15.53	15.44		50/0	16.00	15.51	15.60	15.48
16QAM	1/0	16.00	15.54	15.65	15.49	16QAM	1/0	16.00	15.61	15.72	15.56
64QAM	1/0	15.00	14.48	14.53	14.43	64QAM	1/0	15.00	14.55	14.60	14.50
256QAM	1/0	13.00	12.75	12.71	12.77	256QAM	1/0	13.00	12.82	12.86	12.88

LTE B2	25/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B25/	BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	DD 6:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD 6:/	Max.	Channel/	Frequenc	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	26115/ 1857.5	26365/ 1882.5	26615/ 1907.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	26140/ 1860.0	26365/ 1882.5	26590/ 1905.0
	1/0	17.00	16.61	16.69	16.62		1/0	17.00	16.74	16.82	16.75
	1/38	17.00	16.58	16.68	16.57		1/49	17.00	16.71	16.81	16.70
	1/74	17.00	16.56	16.67	16.51		1/99	17.00	16.69	16.80	16.64
QPSK	36/0	16.00	15.70	15.78	15.71	QPSK	50/0	16.00	15.83	15.91	15.84
	36/18	16.00	15.68	15.73	15.62		50/24	16.00	15.76	15.86	15.75
	36/35	16.00	15.63	15.74	15.58		50/49	16.00	15.74	15.83	15.72
	75/0	16.00	15.58	15.69	15.54		100/0	16.00	15.68	15.80	15.69
16QAM	1/0	16.00	15.66	15.77	15.61	16QAM	1/0	16.00	15.79	15.90	15.74
64QAM	1/0	15.00	14.60	14.65	14.55	64QAM	1/0	15.00	14.73	14.78	14.68
256QAM	1/0	13.00	12.67	12.69	12.66	256QAM	1/0	13.00	12.88	12.92	12.91

Project No.: 2311T076 Page 59 of 151 Report Version: R04



LTE Band 26

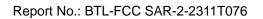
P-sensor off

LTE B20	6/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B26	6/BW=3M	Average	Conduc	cted Pow	ver(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD 6:/	Max.	Channe	l/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	26797/ 824.7	26915/ 836.5	27033/ 848.3	Modula -tion	RB Size/ Offset	Tune-up (dBm)	26805/ 825.5	26915/ 836.5	27025/ 847.5
	1/0	24.00	23.61	23.32	23.38		1/8	24.00	23.68	23.36	23.43
	1/2	24.00	23.33	23.17	23.40		1/14	24.00	23.40	23.23	23.47
	1/5	24.00	23.50	23.46	23.24		1/15	24.00	23.57	23.50	23.30
QPSK	3/0	23.50	22.66	22.72	22.77	QPSK	8/0	23.50	22.75	22.78	22.81
	3/1	23.50	22.53	22.58	22.65		8/4	23.50	22.69	22.70	22.72
	3/2	23.50	22.47	22.52	22.56		8/7	23.50	22.55	22.58	22.60
	6/0	23.50	22.38	22.33	22.44		15/0	23.50	22.45	22.41	22.50
16QAM	1/0	23.50	22.80	22.40	23.02	16QAM	1/0	23.50	22.88	22.46	23.09
64QAM	1/0	23.00	21.85	21.60	21.70	64QAM	1/0	23.00	21.92	21.65	21.78
256QAM	1/0	20.00	18.62	18.65	18.63	256QAM	1/0	20.00	18.67	18.69	18.69
LTE B2	26/BW=5M	Average	Conduc	ted Pow	er(dBm)			•			

LTE B2	26/BW=5M	Average	Conduc	ted Pow	er(dBm)
Madala	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	26815/ 826.5	26915/ 836.5	27015/ 846.5
	1/0	24.00	23.76	23.43	23.49
	1/12	24.00	23.47	23.31	23.55
	1/24	24.00	23.64	23.56	23.34
QPSK	12/0	23.50	22.80	22.83	22.85
	12/6	23.50	22.71	22.74	22.77
	12/11	23.50	22.58	22.62	22.65
	25/0	23.50	22.49	22.49	22.55
16QAM	1/0	23.50	22.93	22.52	23.17
64QAM	1/0	23.00	21.96	21.73	21.86
256QAM	1/0	20.00	18.74	18.73	18.76

LTE B2	6/BW=10M	Average	Conduc	ted Pow	er(dBm)	LTE B26	/BW=15M	Average	Conduc	ted Pow	ver(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB Size/	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	Offset	Tune-up (dBm)	26840/ 829	26915/ 836.5	26990/ 844	Modula -tion	Offset	Tune-up (dBm)	26865/ 831.5	26915/ 836.5	26965/ 841.5
	1/0	24.00	23.80	23.48	23.55		1/0	24.00	23.88	23.54	23.61
	1/24	24.00	23.52	23.38	23.62		1/38	24.00	23.58	23.45	23.70
	1/49	24.00	23.68	23.61	23.38		1/74	24.00	23.75	23.65	23.45
QPSK	25/0	23.50	22.84	22.88	22.91	QPSK	36/0	23.50	22.95	22.92	22.94
	25/12	23.50	22.72	22.75	22.83		36/18	23.50	22.90	22.85	22.86
	25/24	23.50	22.63	22.67	22.74		36/35	23.50	22.84	22.73	22.77
	50/0	23.50	22.56	22.56	22.63		75/0	23.50	22.64	22.62	22.67
16QAM	1/0	23.50	23.00	22.59	23.22	16QAM	1/0	23.50	23.06	22.66	23.26
64QAM	1/0	23.00	22.01	21.79	21.93	64QAM	1/0	23.00	22.07	21.85	22.01
256QAM	1/0	20.00	18.78	18.79	18.80	256QAM	1/0	20.00	18.83	18.83	18.88

Project No.: 2311T076 Page 60 of 151 Report Version: R04





LTE B26	6/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B20	6/BW=3M	Average	Conduc	cted Pow	ver(dBm)
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Ci-c/	Max.	Channe	l/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	26797/ 824.7	26915/ 836.5	27033/ 848.3	Modula -tion	RB Size/ Offset	Tune-up (dBm)	26805/ 825.5	26915/ 836.5	27025/ 847.5
	1/0	23.00	22.45	21.11	21.12		1/8	23.00	22.52	21.18	21.19
	1/2	23.00	22.40	21.07	21.07		1/14	23.00	22.47	21.14	21.14
	1/5	23.00	22.38	21.05	21.03		1/15	23.00	22.45	21.12	21.10
QPSK	3/0	22.00	21.54	20.20	20.21	QPSK	8/0	22.00	21.61	20.27	20.28
	3/1	22.00	21.45	20.12	20.12		8/4	22.00	21.52	20.19	20.19
	3/2	22.00	21.45	20.12	20.10		8/7	22.00	21.52	20.19	20.17
	6/0	22.00	21.49	20.15	20.16		15/6	22.00	21.56	20.22	20.23
16QAM	1/0	22.00	20.60	19.26	19.27	16QAM	1/0	22.00	21.55	20.22	20.20
64QAM	1/0	21.00	20.48	19.15	19.15	64QAM	1/0	21.00	20.67	19.33	19.34
256QAM	1/0	19.00	18.76	18.78	18.72	256QAM	1/0	19.00	18.72	18.69	18.65
LTE B2	LTE B26/BW=5M Average Conducted Power(dBm)										
		Max.	Channel	/Frequer	ncy(MHz)						

200Q/ (IVI	17	13.00	10.70	10.7	10.72
LTE B2	26/BW=5M	Average	Conduc	ted Pow	er(dBm)
Madadada	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	26815/ 826.5	26915/ 836.5	27015/ 846.5
	1/0	23.00	22.56	22.63	22.59
	1/12	23.00	22.51	22.61	22.54
	1/24	23.00	22.49	22.55	22.53
QPSK	12/0	22.00	21.65	21.72	21.68
	12/6	22.00	21.56	21.66	21.59
	12/11	22.00	21.56	21.62	21.60
	25/0	22.00	21.60	21.67	21.63
16QAM	1/0	22.00	21.59	21.65	21.63
64QAM	1/0	21.00	20.71	20.78	20.74
256QAM	1/0	19.00	18.82	18.88	18.76

LTE B2	6/BW=10M	Average	Conduc	ted Pow	er(dBm)	LTE B26	/BW=15M	Average	Conduc	ted Pow	er(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	cy(MHz)	Madula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)
Modula -tion	Offset	Tune-up (dBm)	26840/ 829	26915/ 836.5	26990/ 844	Modula -tion	Offset	Tune-up (dBm)	26865/ 831.5	26915/ 836.5	26965/ 841.5
	1/0	23.00	22.68	22.75	22.71		1/0	23.00	22.76	22.83	22.79
	1/24	23.00	22.63	22.73	22.66		1/38	23.00	22.71	22.81	22.74
-	1/49	23.00	22.61	22.67	22.65		1/74	23.00	22.69	22.75	22.73
QPSK	25/0	22.00	21.77	21.84	21.80	QPSK	36/0	22.00	21.85	21.92	21.88
	25/12	22.00	21.68	21.78	21.71		36/18	22.00	21.76	21.86	21.79
	25/24	22.00	21.68	21.74	21.72		36/35	22.00	21.76	21.82	21.80
	50/0	22.00	21.72	21.79	21.75		75/0	22.00	21.80	21.87	21.83
16QAM	1/0	22.00	21.71	21.77	21.75	16QAM	1/0	22.00	21.79	21.85	21.83
64QAM	1/0	21.00	20.83	20.90	20.86	64QAM	1/0	21.00	20.91	20.98	20.94
256QAM	1/0	19.00	18.84	18.82	18.76	256QAM	1/0	19.00	18.75	18.92	18.91

LTE Band 30

P-sensor off

LTE B	30/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B30/	BW=10M	Average	e Conducted Power(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB Size/	Max.	Channel/Frequency(MHz)
Modula -tion	Offset	Tune-up (dBm)	27685/ 2307.5	27710/ 2310	27735/ 2312.5	Modula -tion	Offset	Tune-up (dBm)	27710/ 2310
	1/0	21.00	19.96	19.95	19.94		1/0	21.00	20.00
	1/12	21.00	20.00	19.98	19.98		1/24	21.00	20.05
	1/24	21.00	19.85	19.84	19.85		1/49	21.00	19.89
QPSK	12/0	20.50	19.10	19.11	19.13	QPSK	25/0	20.50	19.15
	12/6	20.50	19.01	19.05	19.08		25/12	20.50	19.07
	12/11	20.50	18.92	18.94	18.97		25/24	20.50	19.93
	25/0	20.50	18.82	18.82	18.81		50/0	20.50	18.89
16QAM	1/0	20.50	19.18	19.18	19.20	16QAM	1/0	20.50	19.25
64QAM	1/0	20.00	19.05	19.04	19.03	64QAM	1/0	20.00	19.10
256QAM	1/0	17.00	16.82	16.80	16.82	256QAM	1/0	17.00	16.86

P-sensor on

LTE B	30/BW=5M	Average	Conduc	ted Powe	er(dBm)	LTE B30/	BW=10M	Average	e Conducted Power(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)		DD Cinc/	Max.	Channel/Frequency(MHz)
Modula -tion	Offset	Tune-up (dBm)	27685/ 2307.5	27710/ 2310	27735/ 2312.5	-tion	RB Size/ Offset	Tune-up (dBm)	27710/ 2310
	1/0	19.00	18.74	18.71	18.75		1/0	19.00	18.88
	1/12	19.00	18.68	18.65	18.69		1/24	19.00	18.76
	1/24	19.00	18.64	18.61	18.65		1/49	19.00	18.72
QPSK	12/0	18.00	17.75	17.72	17.76	QPSK	25/0	18.00	17.83
	12/6	18.00	17.73	17.70	17.74		25/12	18.00	17.81
	12/11	18.00	17.71	17.68	17.72		25/24	18.00	17.79
	25/0	18.00	17.78	17.75	17.79		50/0	18.00	17.86
16QAM	1/0	18.00	17.74	17.71	17.75	16QAM	1/0	18.00	17.82
64QAM	1/0	17.00	16.89	16.86	16.90	64QAM	1/0	17.00	16.97
256QAM	1/0	15.00	14.88	14.89	14.76	256QAM	1/0	15.00	14.92

Project No.: 2311T076 Page 62 of 151 Report Version: R04





LTE Band 38

P-sensor off

LTE B	38/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B38/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Ci-c/	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	37775/ 2572.5	38000/ 2595.0	38225/ 2617.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	37800/ 2575.0	38000/ 2595.0	38200/ 2615.0
	1/0	22.50	21.44	21.46	21.42		1/0	22.50	21.43	21.51	21.41
	1/12	22.50	21.30	21.30	21.25		1/24	22.50	21.38	21.40	21.30
	1/24	22.50	21.29	21.38	21.34		1/49	22.50	21.39	21.39	21.40
QPSK	12/0	22.00	20.61	20.60	20.58		25/0	22.00	20.65	20.64	20.62
	12/6	22.00	20.55	20.53	20.50		25/12	22.00	20.59	20.57	20.55
	12/11	22.00	20.48	20.45	20.42		25/24	22.00	20.47	20.46	20.42
	25/0	22.00	20.37	20.37	20.37		50/0	22.00	20.45	20.42	20.39
16QAM	1/0	22.00	20.53	20.57	20.62	16QAM	1/0	22.00	20.53	20.66	20.61
64QAM	1/0	21.50	20.50	20.53	20.59	64QAM	1/0	21.50	20.50	20.62	20.58
256QAM	1/0	19.00	18.20	18.42	18.50	256QAM	1/0	19.00	18.30	18.50	18.54

LTE B3	88/BW=15M	Average	Conduc	ted Powe	er(dBm)	LTE B38/	BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	DD 6:/	Max.	Channel	/Frequen	ncy(MHz)	Madula	DD 6:/	Max.	Channel/	Frequenc	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	37825/ 2577.5	38000/ 2595.0	38175/ 2612.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	37850/ 2580.0	38000/ 2595.0	38150/ 2610.0
	1/0	22.50	21.50	21.60	21.50		1/0	22.50	21.57	21.63	21.50
	1/38	22.50	21.47	21.46	21.42		1/49	22.50	21.50	21.56	21.48
	1/74	22.50	21.44	21.42	21.46	QPSK	1/99	22.50	21.45	21.50	21.45
QPSK	36/0	22.00	20.78	20.77	20.75		50/0	22.00	20.85	20.83	20.82
	36/18	22.00	20.73	20.71	20.68		50/24	22.00	20.80	20.78	20.76
	36/35	22.00	20.65	20.62	20.54		50/49	22.00	20.72	20.66	20.65
	75/0	22.00	20.53	20.50	20.43		100/0	22.00	20.54	20.54	20.53
16QAM	1/0	22.00	20.63	20.76	20.67	16QAM	1/0	22.00	20.70	20.79	20.78
64QAM	1/0	21.50	20.55	20.60	20.70	64QAM	1/0	21.50	20.68	20.68	20.78
256QAM	1/0	19.00	18.32	18.58	18.64	256QAM	1/0	19.00	18.31	18.62	18.73



P-sensor off (HPUE)

LTE B	38/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B38/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD Cinal	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Cinc/	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	37775/ 2572.5	38000/ 2595.0	38225/ 2617.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	37800/ 2575.0	38000/ 2595.0	38200/ 2615.0
	1/0	23.00	21.86	21.92	21.83		1/0	23.00	21.90	21.97	21.89
	1/12	23.00	21.79	21.77	21.71		1/24	23.00	21.84	21.84	21.78
	1/24	23.00	21.78	21.79	21.78	-	1/49	23.00	21.82	21.84	21.82
QPSK	12/0	22.50	20.14	21.08	21.10		25/0	22.50	21.19	21.15	21.17
	12/6	22.50	21.06	20.94	20.97		25/12	22.50	21.13	21.06	21.05
	12/11	22.50	20.93	20.87	20.91		25/24	22.50	21.09	20.95	20.98
	25/0	22.50	20.79	20.84	20.80		50/0	22.50	20.86	20.91	20.88
16QAM	1/0	22.50	20.94	21.04	21.04	16QAM	1/0	22.50	21.01	21.11	21.09
64QAM	1/0	22.00	20.92	20.96	21.00	64QAM	1/0	22.00	20.97	21.02	21.07
256QAM	1/0	19.50	18.66	18.92	18.97	256QAM	1/0	19.50	18.70	18.98	19.01

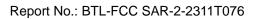
LTE B3	88/BW=15M	Average	Conduc	ted Powe	er(dBm)	LTE B38/	BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	RB Size/	Max.	Channel	/Frequen	ncy(MHz)	Madula	DD Cinc/	mux.	Channel/	Frequenc	cy(MHz)
Modula -tion	Offset	Tune-up (dBm)	37825/ 2577.5	38000/ 2595.0	38175/ 2612.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	37850/ 2580.0	38000/ 2595.0	38150/ 2610.0
	1/0	23.00	21.98	22.03	21.95		1/0	23.00	22.05	22.08	22.00
	1/38	23.00	21.90	21.91	21.86		1/49	23.00	21.97	21.97	21.91
	1/74	23.00	21.89	21.88	21.89	QPSK	1/99	23.00	21.95	21.94	21.94
QPSK	36/0	22.50	21.24	21.19	21.22		50/0	22.50	21.27	21.25	21.26
	36/18	22.50	21.17	21.10	21.13		50/24	22.50	21.16	21.13	21.18
	36/35	22.50	21.10	21.08	21.06		50/49	22.50	21.07	21.05	21.10
	75/0	22.50	20.94	20.97	20.92		100/0	22.50	21.01	21.01	20.97
16QAM	1/0	22.50	21.07	21.18	21.13	16QAM	1/0	22.50	21.11	21.24	21.18
64QAM	1/0	22.00	21.03	21.08	21.15	64QAM	1/0	22.00	21.08	21.13	21.20
256QAM	1/0	19.50	18.75	19.02	19.09	256QAM	1/0	19.50	18.81	19.07	19.14



LTE B	38/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B38/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD 0:/	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	37775/ 2572.5	38000/ 2595.0	38225/ 2617.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	37800/ 2575.0	38000/ 2595.0	38200/ 2615.0
	1/0	21.50	21.04	21.08	21.02		1/0	21.50	21.13	21.17	21.11
	1/12	21.50	21.01	21.03	20.94		1/24	21.50	21.10	21.10	21.03
	1/24	21.50	20.95	20.97	20.90	QPSK	1/49	21.50	21.04	21.06	20.99
QPSK	12/0	20.50	20.13	20.17	20.11		25/0	20.50	20.22	20.26	20.20
	12/6	20.50	20.06	20.06	19.99		25/12	20.50	20.15	20.15	20.08
	12/11	20.50	20.02	20.04	19.97		25/24	20.50	20.11	20.13	20.06
	25/0	20.50	19.97	20.01	19.94		50/0	20.50	20.08	20.10	19.98
16QAM	1/0	20.50	20.05	20.07	20.00	16QAM	1/0	20.50	20.14	20.16	20.09
64QAM	1/0	19.50	19.19	19.23	19.17	64QAM	1/0	19.50	19.09	19.09	19.02
256QAM	1/0	17.50	16.88	16.84	16.92	256QAM	1/0	17.50	16.76	16.78	16.83

LTE B3	88/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B38/	BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Ci-s/	Max.	Channel/	Frequen	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	37825/ 2577.5	38000/ 2595.0	38175/ 2612.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	37850/ 2580.0	38000/ 2595.0	38150/ 2610.0
	1/0	21.50	21.26	21.30	21.24		1/0	21.50	21.34	21.38	21.32
	1/38	21.50	21.23	22.23	21.16		1/49	21.50	21.31	21.31	21.24
	1/74	21.50	21.17	21.19	21.12		1/99	21.50	21.25	21.27	21.20
QPSK	36/0	20.50	20.35	20.39	20.33		50/0	20.50	20.43	20.47	20.41
	36/18	20.50	20.28	20.28	20.21		50/24	20.50	20.36	20.36	20.29
	36/35	20.50	20.24	20.26	20.19		50/49	20.50	20.32	20.34	20.27
	75/0	20.50	20.18	20.21	20.15		100/0	20.50	20.29	20.30	20.23
16QAM	1/0	20.50	20.27	20.29	20.22	16QAM	1/0	20.50	20.35	20.37	20.30
64QAM	1/0	19.50	19.41	19.45	19.39	64QAM	1/0	19.50	19.49	19.48	19.44
256QAM	1/0	17.50	16.69	16.75	16.76	256QAM	1/0	17.50	16.88	16.92	16.94

Project No.: 2311T076 Page 65 of 151 Report Version: R04





LTE Band 41

P-sensor off

LTE B	41/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B41/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD 6:/	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	39675/ 2498.5	40620/ 2593.0	41565/ 2687.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	39700/ 2501.0	40620/ 2593.0	41540/ 2685.0
	1/0	24.50	23.10	23.34	22.82		1/0	24.50	23.14	23.39	22.91
	1/12	24.50	23.08	23.20	22.72		1/24	24.50	23.20	23.31	22.77
	1/24	24.50	23.00	23.28	22.70	QPSK	1/49	24.50	23.08	23.36	22.69
QPSK	12/0	23.50	22.52	22.45	21.94		25/0	23.50	22.60	22.54	22.07
	12/6	23.50	22.46	22.33	21.86		25/12	23.50	22.51	22.47	21.95
	12/11	23.50	22.35	22.31	21.80		25/24	23.50	22.45	22.41	21.88
	25/0	23.50	22.16	22.26	21.77		50/0	23.50	22.30	22.32	21.81
16QAM	1/0	23.50	22.45	22.44	22.07	16QAM	1/0	23.50	22.57	22.52	22.17
64QAM	1/0	23.00	22.38	22.41	21.92	64QAM	1/0	23.00	22.45	22.45	21.96
256QAM	1/0	21.00	20.20	20.72	20.17	256QAM	1/0	21.00	20.26	20.75	20.19

LTE B4	11/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B41/	/BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)		DD Ci-c/	Max.	Channel/	Frequenc	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	39725/ 2503.5	40620/ 2593.0	41515/ 2682.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	39750/ 2506.0	40620/ 2593.0	41490/ 2680.0
	1/0	24.50	23.24	23.40	22.97		1/0	24.50	23.32	23.49	22.99
	1/38	24.50	23.24	23.36	22.81		1/49	24.50	23.32	23.46	22.88
	1/74	24.50	23.13	23.45	22.81	QPSK	1/99	24.50	23.15	23.49	22.78
QPSK	36/0	23.50	22.65	22.62	22.15		50/0	23.50	22.72	22.75	22.23
	36/18	23.50	22.54	22.57	22.09		50/24	23.50	22.60	22.63	22.18
	36/35	23.50	22.46	22.49	21.96		50/49	23.50	22.52	22.58	22.06
	75/0	23.50	22.34	22.37	21.88		100/0	23.50	22.37	22.40	21.98
16QAM	1/0	23.50	22.58	22.57	22.15	16QAM	1/0	23.50	22.61	22.58	22.27
64QAM	1/0	23.00	22.51	22.52	22.07	64QAM	1/0	23.00	22.60	22.61	22.12
256QAM	1/0	21.00	20.37	20.77	20.29	256QAM	1/0	21.00	20.35	20.85	20.27

Project No.: 2311T076 Page 66 of 151 Report Version: R04



P-sensor off (HPUE)

LTE B	41/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B41/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Ci-c/	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	39675/ 2498.5	40620/ 2593.0	41565/ 2687.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	39700/ 2501.0	40620/ 2593.0	41540/ 2685.0
	1/0	25.00	23.54	23.77	23.27		1/0	25.00	23.58	23.82	23.33
	1/12	25.00	23.57	23.67	23.13		1/24	25.00	23.62	23.74	23.20
	1/24	25.00	23.47	23.76	23.11	QPSK	1/49	25.00	23.51	23.81	23.15
QPSK	12/0	24.00	22.82	22.86	22.37		25/0	24.00	22.96	22.93	22.41
	12/6	24.00	22.73	22.77	22.28		25/12	24.00	22.84	22.87	22.35
	12/11	24.00	22.65	22.72	22.24		25/24	24.00	22.76	22.79	22.32
	25/0	24.00	22.63	22.70	22.22		50/0	24.00	22.70	22.77	22.30
16QAM	1/0	24.00	22.92	22.87	22.53	16QAM	1/0	24.00	22.99	22.94	22.58
64QAM	1/0	23.50	22.85	22.87	22.33	64QAM	1/0	23.50	22.90	22.93	22.40
256QAM	1/0	21.50	20.68	21.15	20.59	256QAM	1/0	21.50	20.72	21.21	20.63

LTE B4	11/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B41/	BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Ci-c/		Channel/	Frequenc	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	39725/ 2503.5	40620/ 2593.0	41515/ 2682.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	39750/ 2506.0	40620/ 2593.0	41490/ 2680.0
	1/0	25.00	23.66	23.88	23.39		1/0	25.00	23.73	23.93	23.44
	1/38	25.00	23.68	23.81	23.28		1/49	25.00	23.75	23.87	23.33
	1/74	25.00	23.58	23.85	23.22		1/99	25.00	23.64	23.91	23.27
QPSK	36/0	24.00	23.07	23.06	22.53	QPSK	50/0	24.00	23.11	23.13	22.66
	36/18	24.00	22.96	22.94	22.48		50/24	24.00	23.04	23.05	22.54
	36/35	24.00	22.83	22.85	22.36		50/49	24.00	22.94	22.96	22.47
	75/0	24.00	22.78	22.83	22.34		100/0	24.00	22.85	22.87	22.39
16QAM	1/0	24.00	23.05	23.01	22.62	16QAM	1/0	24.00	23.09	23.07	22.67
64QAM	1/0	23.50	22.96	22.99	22.48	64QAM	1/0	23.50	23.01	23.04	22.53
256QAM	1/0	21.50	20.77	21.25	20.71	256QAM	1/0	21.50	20.83	21.30	20.76



LTE B	41/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B41/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD C:/	Max.	Channel	/Frequen	cy(MHz)	Madula	DD 6:/	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	39675/ 2498.5	40620/ 2593.0	41565/ 2687.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	39700/ 2501.0	40620/ 2593.0	41540/ 2685.0
	1/0	23.50	23.10	23.15	23.12		1/0	23.50	23.17	23.22	23.19
	1/12	23.50	23.05	23.09	23.06		1/24	23.50	23.12	23.16	23.13
	1/24	23.50	23.01	23.04	23.02		1/49	23.50	23.08	23.11	23.09
QPSK	12/0	22.50	22.19	22.24	22.21	QPSK	25/0	22.50	22.26	22.31	22.28
	12/6	22.50	22.10	22.14	22.11		25/12	22.50	22.17	22.21	22.18
	12/11	22.50	22.08	22.11	22.09		25/24	22.50	22.15	22.18	22.16
	25/0	22.50	22.14	22.19	22.16		50/0	22.50	22.21	22.26	22.23
16QAM	1/0	22.50	22.17	22.22	22.19	16QAM	1/0	22.50	22.24	22.29	22.26
64QAM	1/0	21.00	20.77	20.84	20.80	64QAM	1/0	21.00	20.82	20.88	20.85
256QAM	1/0	19.50	19.20	19.31	19.26	256QAM	1/0	19.50	19.26	19.37	19.32

LTE B4	41/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B41/	BW=20M	Average	Conduct	ted Powe	r(dBm)
	DD 0: /	Max.	Channel	/Frequer	ncy(MHz)		DD 01 /	Max.	Channel/	Frequenc	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	39725/ 2503.5	40620/ 2593.0	41515/ 2682.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	39750/ 2506.0	40620/ 2593.0	41490/ 2680.0
	1/0	23.50	23.22	23.27	23.24		1/0	23.50	23.39	23.40	23.37
	1/38	23.50	23.17	23.21	23.18		1/49	23.50	23.30	23.34	23.31
	1/74	23.50	23.13	23.16	23.14		1/99	23.50	23.26	23.29	23.27
QPSK	36/0	22.50	22.31	22.36	22.33	QPSK	50/0	22.50	22.44	22.49	22.46
	36/18	22.50	22.22	22.26	22.23		50/24	22.50	22.35	22.39	22.36
	36/35	22.50	22.20	22.23	22.21		50/49	22.50	22.33	22.36	22.34
	75/0	22.50	22.26	22.31	22.28		100/0	22.50	22.39	22.44	22.41
16QAM	1/0	22.50	22.29	22.34	22.31	16QAM	1/0	22.50	22.42	22.47	22.44
64QAM	1/0	21.00	20.87	20.92	20.89	64QAM	1/0	21.00	20.92	20.97	20.94
256QAM	1/0	19.50	19.33	19.42	19.37	256QAM	1/0	19.50	19.39	19.46	19.43

Project No.: 2311T076 Page 68 of 151 Report Version: R04





LTE Band 42

P-sensor off

LTE B	42/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B42/	BW=10M	Average	Conduc	ted Pow	er(dBm)
		Max.	Channel	/Frequer	cy(MHz)			Max.	Channel	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	42115/ 3452.5	42590/ 3500.0	43065/ 3547.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	42140/ 3455.0	42590/ 3500.0	43040/ 3545.0
	1/0	21.00	20.72	20.01	20.79		1/0	21.00	20.77	20.11	20.93
	1/12	21.00	20.61	19.77	20.78		1/24	21.00	20.63	19.90	20.84
	1/24	21.00	20.26	20.38	20.75		1/49	21.00	20.30	20.46	20.81
QPSK	12/0	20.00	19.75	19.31	19.54	QPSK	25/0	20.00	19.84	19.37	19.66
	12/6	20.00	19.63	19.25	19.46		25/12	20.00	19.77	19.25	19.52
	12/11	20.00	19.58	19.17	19.42		25/24	20.00	19.69	19.16	19.50
	25/0	20.00	19.45	19.05	19.41		50/0	20.00	19.59	19.10	19.48
16QAM	1/0	20.00	19.45	19.99	19.50	16QAM	1/0	20.00	19.44	20.04	19.60
64QAM	1/0	20.00	18.85	18.50	19.04	64QAM	1/0	20.00	18.91	18.53	19.15
256QAM	1/0	17.00	16.10	15.82	15.51	256QAM	1/0	17.00	16.18	15.91	15.52

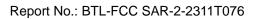
LTE B4	12/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B42/	/BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Ci-c/	Max.	Channel/	Frequenc	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	42165/ 3457.5	42590/ 3500.0	43015/ 3542.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	42190/ 3460.0	42590/ 3500.0	42990/ 3540.0
	1/0	21.00	20.82	20.21	20.94		1/0	21.00	20.85	20.25	21.06
	1/38	21.00	20.67	19.92	20.90		1/49	21.00	20.80	19.99	20.90
	1/74	21.00	20.38	20.45	20.83		1/99	21.00	20.40	20.56	20.94
QPSK	36/0	20.00	19.99	19.44	19.74	QPSK	50/0	20.50	20.06	19.53	19.88
	36/18	20.00	19.82	19.37	19.62		50/24	20.50	19.97	19.48	19.75
	36/35	20.00	19.70	19.28	19.59		50/49	20.50	19.85	19.36	19.66
	75/0	20.00	19.59	19.17	19.50		100/0	20.50	19.71	19.24	19.57
16QAM	1/0	20.00	19.57	20.16	19.58	16QAM	1/0	20.50	19.52	20.17	19.69
64QAM	1/0	20.00	19.02	18.54	19.18	64QAM	1/0	20.00	19.00	18.60	19.26
256QAM	1/0	17.00	16.20	15.92	15.64	256QAM	1/0	17.00	16.31	15.96	15.67



P-sensor off (HPUE)

LTE B	42/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B42/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Sino/	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	Offset	Tune-up (dBm)	42115/ 3452.5	42590/ 3500.0	43065/ 3547.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	42140/ 3455.0	42590/ 3500.0	43040/ 3545.0
	1/0	21.50	21.16	20.50	21.29		1/0	21.50	21.20	20.55	21.35
	1/12	21.50	21.05	20.25	21.19		1/24	21.50	21.10	20.32	21.26
	1/24	21.50	20.69	20.82	21.18		1/49	21.50	20.73	20.87	21.22
QPSK	12/0	20.50	20.20	20.04	20.08	QPSK	25/0	20.50	20.31	20.16	20.17
	12/6	20.50	20.12	19.97	20.00		25/12	20.50	20.23	20.10	20.13
	12/11	20.50	20.07	19.88	19.94		25/24	20.50	20.11	20.03	20.05
	25/0	20.50	19.93	19.51	19.86		50/0	20.50	20.00	19.58	19.94
16QAM	1/0	20.50	19.85	20.44	19.97	16QAM	1/0	20.50	19.92	20.51	20.02
64QAM	1/0	20.50	19.33	18.91	19.50	64QAM	1/0	20.50	19.38	18.97	19.57
256QAM	1/0	17.50	16.57	16.28	15.96	256QAM	1/0	17.50	16.61	16.34	16.00

LTE B4	42/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B42/	BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD 6:/	Max.	Channel/	Frequenc	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	42165/ 3457.5	42590/ 3500.0	43015/ 3542.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	42190/ 3460.0	42590/ 3500.0	42990/ 3540.0
	1/0	21.50	21.28	20.61	21.41		1/0	21.50	21.35	20.66	21.46
	1/38	21.50	21.16	20.39	21.34		1/49	21.50	21.23	20.45	21.39
	1/74	21.50	20.80	20.91	21.29		1/99	21.50	20.86	20.97	21.34
QPSK	36/0	20.50	20.38	20.21	20.26	QPSK	50/0	20.50	20.46	20.32	20.37
	36/18	20.50	20.25	20.16	20.21		50/24	20.50	20.33	20.24	20.29
	36/35	20.50	20.19	20.09	20.13		50/49	20.50	20.27	20.12	20.18
	75/0	20.50	20.08	19.64	19.98		100/0	20.50	20.15	19.68	20.03
16QAM	1/0	20.50	19.98	20.58	20.06	16QAM	1/0	20.50	20.02	20.64	20.11
64QAM	1/0	20.50	19.44	19.03	19.65	64QAM	1/0	20.50	19.49	19.08	19.70
256QAM	1/0	17.50	16.66	16.38	16.08	256QAM	1/0	17.50	16.72	16.43	16.13





LTE B	42/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B42/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 6:/	Max.	Channel	/Frequen	cy(MHz)	Madula	DD 0:/	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	42115/ 3452.5	42590/ 3500.0	43065/ 3547.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	42140/ 3455.0	42590/ 3500.0	43040/ 3545.0
	1/0	20.00	19.46	19.52	19.45		1/0	20.00	19.55	19.61	19.54
	1/12	20.00	19.41	19.45	19.41		1/24	20.00	19.50	19.54	19.50
	1/24	20.00	19.38	19.44	19.38		1/49	20.00	19.47	19.53	19.47
QPSK	12/0	19.00	18.55	18.61	18.54	QPSK	25/0	19.00	18.64	18.70	18.63
	12/6	19.00	18.46	18.50	18.46		25/12	19.00	18.55	18.59	18.55
	12/11	19.00	18.45	18.51	18.45		25/24	19.00	18.54	18.60	18.54
	25/0	19.00	18.50	18.56	18.49		50/0	19.00	18.59	18.65	18.58
16QAM	1/0	19.00	18.53	18.59	18.52	16QAM	1/0	19.00	18.62	18.68	18.61
64QAM	1/0	18.00	17.88	17.92	17.76	64QAM	1/0	18.00	17.84	17.81	17.79
256QAM	1/0	16.00	15.76	15.78	15.70	256QAM	1/0	16.00	15.68	15.72	15.75

LTE B4	12/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B42/	BW=20M	Average Conducted Power(dBm)			
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Ci-c/	Max.	Channel/	Frequenc	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	42165/ 3457.5	42590/ 3500.0	43015/ 3542.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	42190/ 3460.0	42590/ 3500.0	42990/ 3540.0
	1/0	20.00	19.68	19.74	19.67		1/0	20.00	19.76	19.82	19.75
	1/38	20.00	19.63	19.67	19.63		1/49	20.00	19.71	19.75	19.71
	1/74	20.00	19.60	19.66	19.60		1/99	20.00	19.68	19.74	19.68
QPSK	36/0	19.00	18.77	18.83	18.76	QPSK	50/0	19.00	18.85	18.91	18.84
	36/18	19.00	18.68	18.72	18.68		50/24	19.00	18.76	18.80	18.76
	36/35	19.00	18.67	18.73	18.67		50/49	19.00	18.75	18.81	18.75
	75/0	19.00	18.72	18.78	18.71		100/0	19.00	18.80	18.86	18.79
16QAM	1/0	19.00	18.75	18.81	18.74	16QAM	1/0	19.00	18.83	18.89	18.82
64QAM	1/0	18.00	17.86	17.81	17.76	64QAM	1/0	18.00	17.88	17.93	17.96
256QAM	1/0	16.00	15.76	15.78	15.73	256QAM	1/0	16.00	15.88	15.92	15.86

Project No.: 2311T076 Page 71 of 151 Report Version: R04





LTE Band 43

P-sensor off

LTE B	43/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B43/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	RB Size/	Max.	Channel	/Frequen	cy(MHz)	Madula	DD Cinc/	Max.	Channel	/Frequer	ncy(MHz)
Modula -tion	Offset	Tune-up (dBm)	44615/ 3702.5	45090/ 3750.0	45565/ 3797.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	44640/ 3705.0	45090/ 3750.0	45540/ 3795.0
	1/0	21.00	20.22	20.06	19.70		1/0	21.00	20.30	20.16	19.79
	1/12	21.00	20.41	20.29	19.85		1/24	21.00	20.44	20.31	19.93
	1/24	21.00	20.21	20.29	20.09		1/49	21.00	20.23	20.38	20.10
QPSK	12/0	20.00	19.14	19.13	19.36	QPSK	25/0	20.00	19.23	19.25	19.42
	12/6	20.00	19.09	19.10	19.31		25/12	20.00	19.17	19.22	19.38
	12/11	20.00	19.96	19.05	19.22		25/24	20.00	19.03	19.15	19.24
	25/0	20.00	18.80	18.98	19.12		50/0	20.00	18.92	19.07	19.21
16QAM	1/0	20.00	19.40	19.07	19.04	16QAM	1/0	20.00	19.47	19.18	19.10
64QAM	1/0	19.00	18.22	18.32	18.36	64QAM	1/0	19.00	18.33	18.38	18.47
256QAM	1/0	17.00	15.28	15.06	15.22	256QAM	1/0	17.00	15.28	15.13	15.21

LTE B4	13/BW=15M	Average	Conduc	ted Powe	er(dBm)	LTE B43/	BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	DD C:/	Max.	Channel	/Frequen	ncy(MHz)	Madula	DD Ci-c/	Max.	Channel/	Frequenc	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	44665/ 3707.5	40590/ 3750.0	45515/ 3792.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	44690/ 3710.0	45090/ 3750.0	45490/ 3790.0
	1/0	21.00	20.34	20.16	19.80		1/0	21.00	20.39	20.27	19.92
	1/38	21.00	20.47	20.40	20.02		1/49	21.00	20.61	20.48	20.12
	1/74	21.00	20.30	20.43	20.19		1/99	21.00	20.45	20.48	20.23
QPSK	36/0	20.00	19.29	19.31	19.55	QPSK	50/0	20.00	19.33	19.36	19.65
	36/18	20.00	19.15	19.26	19.43		50/24	20.00	19.21	19.24	19.58
	36/35	20.00	19.07	19.19	19.37		50/49	20.00	19.12	29.17	19.44
	75/0	20.00	18.98	19.14	19.32		100/0	20.00	19.07	19.10	19.31
16QAM	1/0	20.00	19.48	19.27	19.11	16QAM	1/0	20.00	19.51	19.33	19.19
64QAM	1/0	19.00	18.38	18.50	18.53	64QAM	1/0	19.00	18.47	18.49	18.54
256QAM	1/0	17.00	15.38	15.15	15.36	256QAM	1/0	17.00	15.38	15.22	15.33





P-sensor off (HPUE)

LTE B	43/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B43/	BW=10M	Average Conducted Power(dB			er(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Ci-c/	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	44615/ 3702.5	45090/ 3750.0	45565/ 3797.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	44640/ 3705.0	45090/ 3750.0	45540/ 3795.0
	1/0	21.50	20.66	20.52	20.15		1/0	21.50	20.70	20.57	20.21
	1/12	21.50	20.85	20.73	20.34		1/24	21.50	20.90	20.80	20.41
	1/24	21.50	20.68	20.75	20.52		1/49	21.50	20.72	20.80	20.56
QPSK	12/0	20.50	19.54	19.69	19.76	QPSK	25/0	20.50	19.63	19.76	19.84
	12/6	20.50	19.47	19.60	19.72		25/12	20.50	19.56	19.68	19.81
	12/11	20.50	19.35	19.55	19.68		25/24	20.50	19.49	19.53	19.75
	25/0	20.50	19.30	19.42	19.61		50/0	20.50	19.37	19.49	19.69
16QAM	1/0	20.50	19.82	19.55	19.51	16QAM	1/0	20.50	19.89	19.62	19.56
64QAM	1/0	19.50	18.71	18.79	18.82	64QAM	1/0	19.50	18.76	18.85	18.89
256QAM	1/0	17.50	15.71	15.52	15.66	256QAM	1/0	17.50	15.75	15.58	15.70

LTE B4	13/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B43/	BW=20M	Average	Conduct	ted Powe	r(dBm)
NA - ded -	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	NA - ded -	DD 0:/	Max.	Channel/	Frequenc	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	44665/ 3707.5	40590/ 3750.0	45515/ 3792.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	44690/ 3710.0	45090/ 3750.0	45490/ 3790.0
	1/0	21.50	20.78	20.63	20.27		1/0	21.50	20.85	20.68	20.32
	1/38	21.50	20.96	20.87	20.49		1/49	21.50	21.03	20.93	20.54
	1/74	21.50	20.79	20.84	20.63		1/99	21.50	20.85	20.90	20.68
QPSK	36/0	20.50	19.73	19.81	19.95	QPSK	50/0	20.50	19.83	19.86	20.08
	36/18	20.50	19.66	19.77	19.90		50/24	20.50	19.72	19.74	19.95
	36/35	20.50	19.58	19.69	19.84		50/49	20.50	19.63	19.65	19.87
	75/0	20.50	19.45	19.55	19.73		100/0	20.50	19.52	19.59	19.78
16QAM	1/0	20.50	19.95	19.69	19.60	16QAM	1/0	20.50	19.99	19.75	19.65
64QAM	1/0	19.50	18.82	18.91	18.97	64QAM	1/0	19.50	18.87	18.96	19.02
256QAM	1/0	17.50	15.80	15.62	15.78	256QAM	1/0	17.50	15.86	15.67	15.83

Project No.: 2311T076 Page 73 of 151 Report Version: R04



LTE B	43/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B43/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD 0:/	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	44615/ 3702.5	45090/ 3750.0	45565/ 3797.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	44640/ 3705.0	45090/ 3750.0	45540/ 3795.0
	1/0	20.00	19.46	19.54	19.50		1/0	20.00	19.55	19.63	19.59
	1/12	20.00	19.41	19.51	19.43		1/24	20.00	19.50	19.60	19.52
	1/24	20.00	19.39	19.45	19.41		1/49	20.00	19.48	19.54	19.50
QPSK	12/0	19.00	18.55	18.63	18.59	QPSK	25/0	19.00	18.64	18.72	18.68
	12/6	19.00	18.46	18.56	18.48		25/12	19.00	18.55	18.65	18.57
	12/11	19.00	18.46	18.52	18.48		25/24	19.00	18.55	18.61	18.57
	25/0	19.00	18.50	18.58	18.54		50/0	19.00	18.59	18.67	18.63
16QAM	1/0	19.00	18.53	18.61	18.57	16QAM	1/0	19.00	18.62	18.70	18.66
64QAM	1/0	18.00	17.62	17.74	17.68	64QAM	1/0	18.00	17.74	17.86	17.82
256QAM	1/0	16.00	15.77	15.71	15.69	256QAM	1/0	16.00	15.84	15.71	15.79

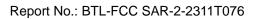
LTE B4	43/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B43/	BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)		DD Ci-c/		Channel/	Frequenc	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	44665/ 3707.5	40590/ 3750.0	45515/ 3792.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	44690/ 3710.0	45090/ 3750.0	45490/ 3790.0
	1/0	20.00	19.68	19.76	19.72		1/0	20.00	19.76	19.84	19.80
	1/38	20.00	19.63	19.73	19.65		1/49	20.00	19.71	19.81	19.73
	1/74	20.00	19.61	19.67	19.63		1/99	20.00	19.69	19.75	19.71
QPSK	36/0	19.00	18.77	18.85	18.81	QPSK	50/0	19.00	18.85	18.93	18.89
	36/18	19.00	18.68	18.78	18.70		50/24	19.00	18.76	18.86	18.78
	36/35	19.00	18.68	18.74	18.70		50/49	19.00	18.76	18.82	18.78
	75/0	19.00	18.72	18.80	18.76		100/0	19.00	18.80	18.88	18.84
16QAM	1/0	19.00	18.75	18.83	18.79	16QAM	1/0	19.00	18.83	18.91	18.87
64QAM	1/0	18.00	17.69	17.76	17.78	64QAM	1/0	18.00	17.89	17.92	17.75
256QAM	1/0	16.00	15.88	15.84	15.83	256QAM	1/0	16.00	15.84	15.81	15.76



LTE Band 48

LTE B	48/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B48/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD C:/	Max.	Channel	/Frequen	ncy(MHz)	Madula	DD 6:/	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	55265/ 3550.0	55990/ 3625.0	56715/ 3697.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	55290/ 3555.0	55990/ 3625.0	56690/ 3695.0
	1/0	21.50	20.82	20.77	20.57		1/0	21.50	20.86	20.82	20.63
	1/12	21.50	20.91	20.83	20.71		1/24	21.50	20.96	20.90	20.78
	1/24	21.50	20.96	20.75	20.65		1/49	21.50	21.00	20.80	20.69
QPSK	12/0	21.00	20.35	19.82	19.84	QPSK	25/0	21.00	20.41	19.95	19.98
	12/6	21.00	20.20	19.77	19.80		25/12	21.00	20.28	19.84	19.85
	12/11	21.00	20.12	19.71	19.73		25/24	21.00	20.16	19.78	19.80
	25/0	21.00	19.99	19.67	19.68		50/0	21.00	20.06	19.74	19.76
16QAM	1/0	20.50	19.92	19.76	19.80	16QAM	1/0	20.50	19.99	19.83	19.85
64QAM	1/0	19.50	19.21	18.98	18.98	64QAM	1/0	19.50	19.26	19.04	19.05
256QAM	1/0	17.50	15.83	15.93	15.76	256QAM	1/0	17.50	15.87	15.99	15.80

LTE B4	18/BW=15M	Average	Conduc	ted Powe	er(dBm)	LTE B48/	BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	DD 0:/	Max.	Channel	/Frequen	ncy(MHz)	Madula	DD Ci-c/	Max.	Channel/	Frequen	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	55315/ 3557.5	55990/ 3625.0	56665/ 3692.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	55340/ 3560.0	55990/ 3625.0	56640/ 3690.0
	1/0	21.50	20.94	20.88	20.69		1/0	21.50	21.01	20.93	20.74
	1/38	21.50	21.02	20.97	20.86		1/49	21.50	21.09	21.03	20.91
	1/74	21.50	21.07	20.84	20.76		1/99	21.50	21.13	20.90	20.81
QPSK	36/0	21.00	20.48	20.07	20.02	QPSK	50/0	21.00	20.52	20.14	20.17
	36/18	21.00	20.33	19.92	19.94		50/24	21.00	20.45	20.06	20.09
	36/35	21.00	20.25	19.88	19.86		50/49	21.00	20.33	19.93	19.95
	75/0	21.00	20.14	19.80	19.80		100/0	21.00	20.21	19.84	19.85
16QAM	1/0	20.50	20.05	19.90	19.89	16QAM	1/0	20.50	20.09	19.96	19.94
64QAM	1/0	19.50	19.32	19.10	19.13	64QAM	1/0	19.50	19.37	19.15	19.18
256QAM	1/0	17.50	15.92	16.03	15.88	256QAM	1/0	17.50	15.98	16.08	15.93





LTE B	48/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B48/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 6:/	Max.	Channel	/Frequen	cy(MHz)	Madula	DD 0:/	Max.	Channel	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	55265/ 3550.0	55990/ 3625.0	56715/ 3697.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	55290/ 3555.0	55990/ 3625.0	56690/ 3695.0
	1/0	20.50	20.04	20.08	19.95		1/0	20.50	20.13	20.17	20.04
	1/12	20.50	20.01	20.04	19.91		1/24	20.50	20.10	20.13	20.00
	1/24	20.50	19.94	19.99	19.84		1/49	20.50	20.03	20.08	19.93
QPSK	12/0	19.50	19.13	19.17	19.04	QPSK	25/0	19.50	19.22	19.26	19.13
	12/6	19.50	19.06	19.09	18.96		25/12	19.50	19.15	19.18	19.05
	12/11	19.50	19.01	19.06	18.91		25/24	19.50	19.10	19.15	19.00
	25/0	19.50	19.08	19.12	18.99		50/0	19.50	19.17	19.21	19.08
16QAM	1/0	19.50	19.11	19.15	19.02	16QAM	1/0	19.50	19.20	19.24	19.11
64QAM	1/0	18.50	18.27	18.21	18.19	64QAM	1/0	18.50	18.33	18.29	18.21
256QAM	1/0	16.50	16.41	16.22	16.10	256QAM	1/0	16.50	16.21	16.17	16.24

LTE B4	18/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B48/	/BW=20M	Average	Conduct	ted Powe	r(dBm)
Madula	RB Size/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Sino/	Max.	Channel/	Frequence	cy(MHz)
Modula -tion	Offset	Tune-up (dBm)	55315/ 3557.5	55990/ 3625.0	56665/ 3692.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	55340/ 3560.0	55990/ 3625.0	56640/ 3690.0
	1/0	20.50	20.26	20.30	20.17		1/0	20.50	20.10	20.38	20.25
	1/38	20.50	20.23	20.26	20.13		1/49	20.50	20.09	20.30	20.21
	1/74	20.50	20.16	20.21	20.06		1/99	20.50	20.04	20.28	20.14
QPSK	36/0	19.50	19.35	19.39	19.26	QPSK	50/0	19.50	19.43	19.47	19.34
	36/18	19.50	19.28	19.31	19.18		50/24	19.50	19.36	19.39	19.26
	36/35	19.50	19.23	19.28	19.13		50/49	19.50	19.31	19.36	19.21
	75/0	19.50	19.30	19.34	19.21		100/0	19.50	19.38	19.42	19.29
16QAM	1/0	19.50	19.33	19.37	19.24	16QAM	1/0	19.50	19.41	19.45	19.32
64QAM	1/0	18.50	18.30	18.39	18.33	64QAM	1/0	18.50	18.32	18.38	18.31
256QAM	1/0	16.50	16.27	16.25	16.34	256QAM	1/0	16.50	16.41	16.48	16.37



LTE Band 66

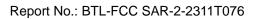
P-sensor off

LTE B6	6/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B66	/BW=3M	Average	Conduc	ted Pow	er(dBm)
Madula	DD C:/	Max.	Channel	/Frequen	ncy(MHz)	Madula	RB	Max.	Channe	/Freque	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	131979/ 1710.7	132322/ 1745.0	132665/ 1779.3	Modula -tion	Size/ Offset	Tune-up (dBm)	131987/ 1711.5	132322/ 1745.0	132657/ 1778.5
	1/0	24.00	23.29	23.36	23.25		1/8	24.00	23.36	23.40	23.30
	1/2	24.00	23.52	23.36	23.45		1/14	24.00	23.59	23.42	23.52
	1/5	24.00	23.52	23.50	23.59		1/15	24.00	23.59	23.54	23.65
QPSK	3/0	23.50	22.79	22.63	22.69	QPSK	8/0	23.50	22.81	22.70	22.73
	3/1	23.50	22.70	22.60	22.61		8/4	23.50	22.76	22.64	22.66
	3/2	23.50	22.66	22.52	22.54		8/7	23.50	22.63	22.55	22.58
	6/0	23.50	22.51	23.42	22.46		15/6	23.50	22.58	23.50	22.52
16QAM	1/0	23.00	22.51	22.96	22.62	16QAM	1/0	23.00	22.59	23.02	22.69
64QAM	1/0	22.00	21.61	22.72	21.69	64QAM	1/0	22.00	21.68	22.77	21.77
256QAM	1/0	20.00	18.06	18.62	18.74	256QAM	1/0	20.00	18.11	18.66	18.80

LTE B	66/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B66/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 6:/	Max.	Channel	/Frequen	ncy(MHz)	Madula	DD Ci-s/	Max.	Channe	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	131997/ 1715.5	132322/ 1745.0	132647/ 1777.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	132022/ 1715.0	132322/ 1745.0	132622/ 1775.0
	1/0	24.00	23.44	23.47	23.36		1/0	24.00	23.48	23.52	23.42
	1/12	24.00	23.66	23.50	23.60		1/24	24.00	23.71	23.57	23.67
	1/24	24.00	23.66	23.60	23.69		1/49	24.00	23.70	23.65	23.73
QPSK	12/0	23.50	22.84	22.74	22.76	QPSK	25/0	23.50	22.96	22.85	22.83
	12/6	23.50	22.77	22.69	22.71		25/12	23.50	22.87	22.75	22.78
	12/11	23.50	22.70	22.61	22.65		25/24	23.50	22.77	22.69	22.70
	25/0	23.50	22.62	23.58	22.57		50/0	23.50	22.69	23.65	22.65
16QAM	1/0	23.00	22.64	23.08	22.77	16QAM	1/0	23.00	22.71	23.15	22.82
64QAM	1/0	22.00	21.72	22.85	21.85	64QMA	1/0	22.00	21.77	22.91	21.92
256QAM	1/0	20.00	18.18	18.70	18.87	256QMA	1/0	20.00	18.22	18.76	18.91

LTE B	66/BW=15N	Avera	ge Condu	cted Powe	er(dBm)	LT B66/BW	_	Average	e Condu	cted Powe	er(dBm)
Madula	DD 6:/	Max.	Channe	l/Frequen	cy(MHz)	Madula	RB	Max.	Channe	el/Frequer	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	132047/ 2117.5	132322/ 2145.0	132597/ 2192.5	Modula -tion	Size/ Offset	Tune-up (dBm)	132072/ 1720.0	132322/ 1745.0	132572/ 1770.0
	1/0	24.00	23.56	23.58	23.48		1/0	24.00	23.63	23.63	23.53
	1/38	24.00	23.77	23.64	23.75		1/49	24.00	23.84	23.70	23.80
	1/74	24.00	23.77	23.69	23.80		1/99	24.00	23.83	23.75	23.85
QPSK	36/0	23.50	23.07	22.94	22.95	QPSK	50/0	23.50	23.14	23.05	23.06
	36/18	23.50	23.94	22.82	22.83		50/24	23.50	23.06	22.96	22.94
	36/35	23.50	23.80	22.79	22.76		50/49	23.50	22.95	22.84	22.86
	75/0	23.50	22.77	23.71	22.69		100/0	23.50	22.84	23.75	22.74
16QAM	1/0	23.00	22.77	23.22	22.86	16QAM	1/0	23.00	22.81	23.28	22.91
64QAM	1/0	22.00	21.83	22.97	22.00	64QAM	1/0	22.00	21.88	23.02	22.05
256QAM	1/0	20.00	18.27	18.80	18.99	256QAM	1/0	20.00	18.33	18.85	19.04

Project No.: 2311T076 Page 77 of 151 Report Version: R04





LTE B6	66/BW=1.4M	Average	Conduc	ted Pow	er(dBm)	LTE B66	BW=3M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 6:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	RB	Max.	Channel	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	131979/ 1710.7	132322/ 1745.0	132665/ 1779.3	Modula -tion	Size/ Offset	Tune-up (dBm)	131987/ 1711.5	132322/ 1745.0	132657/ 1778.5
	1/0	19.00	18.44	18.49	18.46		1/8	19.00	18.52	18.57	18.54
	1/2	19.00	18.41	18.45	18.43		1/14	19.00	18.49	18.53	18.51
	1/5	19.00	18.38	18.42	18.40		1/15	19.00	18.46	18.50	18.48
QPSK	3/0	18.00	17.53	17.53	17.55	QPSK	8/0	18.00	17.61	17.61	17.63
	3/1	18.00	17.46	17.52	17.48		8/4	18.00	17.54	17.60	17.56
	3/2	18.00	17.45	17.49	17.47		8/7	18.00	17.53	17.57	17.55
	6/0	18.00	17.48	17.53	17.50		15/6	18.00	17.56	17.61	17.58
16QAM	1/0	18.00	17.51	17.56	17.53	16QAM	1/0	18.00	17.59	17.64	17.61
64QAM	1/0	17.00	16.66	16.73	16.69	64QAM	1/0	17.00	16.72	16.80	16.75
256QAM	1/0	15.00	14.62	14.70	14.64	256QAM	1/0	15.00	14.69	14.77	14.71

LTE B	66/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B66/	BW=10M	Average	Conduc	ted Pow	er(dBm)
Modulo	RB Size/	Max.	Channel	/Frequen	ncy(MHz)	Madula	DD Sino/	Max.	Channel	/Freque	ncy(MHz)
Modula -tion	Offset	Tune-up (dBm)	131997/ 1715.5	132322/ 1745.0	132647/ 1777.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	132022/ 1715.0	132322/ 1745.0	132622/ 1775.0
	1/0	19.00	18.57	18.62	18.59		1/0	19.00	18.61	18.66	18.63
	1/12	19.00	18.54	18.58	18.56		1/24	19.00	18.58	18.62	18.60
	1/24	19.00	18.51	18.55	18.53		1/49	19.00	18.55	18.59	18.57
QPSK	12/0	18.00	17.66	17.66	17.68	QPSK	25/0	18.00	17.70	17.70	17.72
	12/6	18.00	17.59	17.65	17.61		25/12	18.00	17.63	17.69	17.65
	12/11	18.00	17.58	17.62	17.60		25/24	18.00	17.62	17.66	17.64
	25/0	18.00	17.61	17.66	17.63		50/0	18.00	17.65	17.70	17.67
16QAM	1/0	18.00	17.64	17.69	17.66	16QAM	1/0	18.00	17.68	17.73	17.70
64QAM	1/0	17.00	16.78	16.84	16.81	64QMA	1/0	17.00	16.83	16.89	16.86
256QAM	1/0	15.00	14.73	14.80	14.75	256QMA	1/0	15.00	14.77	14.85	14.79

LTE B	66/BW=15I	M Averag	ge Condu	cted Pow	er(dBm)	LT B66/BV	_	Average	Condu	cted Pow	er(dBm)
Madula	DD Sino/	Max.	Channel	/Frequen	cy(MHz)	Madula	RB	Max.	Channe	I/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	132047/ 2117.5	132322/ 2145.0	132597/ 2192.5	Modula -tion	Size/ Offset	Tune-up (dBm)	132072/ 1720.0	132322/ 1745.0	132572/ 1770.0
	1/0	19.00	18.70	18.75	18.72		1/0	19.00	18.83	18.89	18.85
	1/38	19.00	18.67	18.71	18.69		1/49	19.00	18.80	18.84	18.82
	1/74	19.00	18.64	18.68	18.66		1/99	19.00	18.77	18.81	18.79
QPSK	36/0	18.00	17.79	17.79	17.81	QPSK	50/0	18.00	17.92	17.92	17.94
	36/18	18.00	17.72	17.78	17.74		50/24	18.00	17.85	17.91	17.87
	36/35	18.00	17.71	17.75	17.73		50/49	18.00	17.84	17.88	17.86
	75/0	18.00	17.74	17.79	17.76		100/0	18.00	17.81	17.85	17.81
16QAM	1/0	18.00	17.77	17.82	17.79	16QAM	1/0	18.00	17.72	17.73	17.70
64QAM	1/0	17.00	16.87	16.93	16.91	64QAM	1/0	17.00	16.92	16.96	16.93
256QA M	1/0	15.00	14.82	14.90	14.86	256QAM	1/0	15.00	14.88	14.94	14.91

Project No.: 2311T076 Page 78 of 151 Report Version: R04

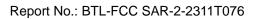


LTE Band 71 P-sensor off

LTE B	71/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B71	/BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD 6:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD Ci-c/	Max.	Channel	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	133147/ 665.5	133297/ 680.5	133447/ 695.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	133172/ 668.0	133297/ 680.5	133422/ 693.0
	1/0	24.00	23.56	23.80	23.60		1/0	24.00	23.60	23.85	23.66
	1/12	24.00	23.68	23.42	23.41		1/24	24.00	23.73	23.49	23.48
	1/24	24.00	23.68	23.61	23.63		1/49	24.00	23.72	23.66	23.67
QPSK	12/0	23.50	22.95	22.87	22.91	QPSK	25/0	23.50	23.07	22.91	22.96
	12/6	23.50	22.89	22.80	22.84		25/12	23.50	22.95	22.83	22.87
	12/11	23.50	22.83	22.72	22.76		25/24	23.50	22.88	22.75	22.82
	25/0	23.50	22.74	22.62	22.65		50/0	23.50	22.81	22.69	22.73
16QAM	1/0	23.00	22.62	22.60	22.86	16QAM	1/0	23.00	22.69	22.67	22.91
64QAM	1/0	23.00	21.65	22.01	21.88	64QAM	1/0	23.00	21.70	22.07	21.95
256QAM	1/0	20.00	18.25	18.98	18.86	256QAM	1/0	20.00	18.29	19.04	18.90

LTE B7	71/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B71/	BW=20M	Average	e Conduc	ted Powe	er(dBm)
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD 6:/	Max.	Channe	/Frequen	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	133197/ 670.5	133297/ 680.5	133397/ 690.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	133222/ 673.0	133297/ 680.5	133372/ 688.0
	1/0	24.00	23.68	23.91	23.72		1/0	24.00	23.75	23.96	23.77
	1/38	24.00	23.79	23.56	23.56		1/49	24.00	23.86	23.62	23.61
	1/74	24.00	23.79	23.70	23.74		1/99	24.00	23.85	23.76	23.79
QPSK	36/0	23.50	23.15	23.02	23.04	QPSK	50/0	23.50	23.24	23.10	23.15
	36/18	23.50	23.07	22.91	22.93		50/24	23.50	23.18	22.96	23.06
	36/35	23.50	22.95	22.82	22.84		50/49	23.50	23.05	22.85	22.97
	75/0	23.50	22.89	22.75	22.77		100/0	23.50	22.96	22.79	22.82
16QAM	1/0	23.00	22.75	22.74	22.95	16QAM	1/0	23.00	22.79	22.80	23.00
64QAM	1/0	23.00	21.76	22.13	22.03	64QAM	1/0	23.00	21.81	22.18	22.08
256QAM	1/0	20.00	18.34	19.08	18.98	256QAM	1/0	20.00	18.40	19.13	19.03

Project No.: 2311T076 Page 79 of 151 Report Version: R04





LTE B	71/BW=5M	Average	Conduc	ted Pow	er(dBm)	LTE B71	/BW=10M	Average	Conduc	ted Pow	er(dBm)
Madula	DD C:/	Max.	Channel	/Frequer	ncy(MHz)		DD Ci-c/	Max.	Channel	/Frequer	ncy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	133147/ 665.5	133297/ 680.5	133447/ 695.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	133172/ 668.0	133297/ 680.5	133422/ 693.0
	1/0	23.00	22.61	22.66	22.63		1/0	23.00	22.65	22.70	22.67
	1/12	23.00	22.56	22.62	22.58		1/24	23.00	22.60	22.66	22.62
	1/24	23.00	22.53	22.57	22.55		1/49	23.00	22.57	22.61	22.59
QPSK	12/0	22.00	21.70	21.70	21.72	QPSK	25/0	22.00	21.74	21.74	21.76
	12/6	22.00	21.61	21.69	21.63		25/12	22.00	21.65	21.73	21.67
	12/11	22.00	21.60	21.64	21.62		25/24	22.00	21.64	21.68	21.66
	25/0	22.00	21.65	21.70	21.67		50/0	22.00	21.69	21.74	21.71
16QAM	1/0	22.00	21.68	21.73	21.70	16QAM	1/0	22.00	21.72	21.77	21.74
64QAM	1/0	21.00	20.71	20.77	20.74	64QAM	1/0	21.00	20.75	20.82	20.79
256QAM	1/0	19.00	18.70	18.81	18.76	256QAM	1/0	19.00	18.76	18.86	18.83

LTE B7	71/BW=15M	Average	Conduc	ted Pow	er(dBm)	LTE B71/	BW=20M	Average	e Conduc	ted Powe	er(dBm)
Madula	DD 6:/	Max.	Channel	/Frequer	ncy(MHz)	Madula	DD 6:/	Max.	Channe	/Frequen	cy(MHz)
Modula -tion	RB Size/ Offset	Tune-up (dBm)	133197/ 670.5	133297/ 680.5	133397/ 690.5	Modula -tion	RB Size/ Offset	Tune-up (dBm)	133222/ 673.0	133297/ 680.5	133372/ 688.0
	1/0	23.00	22.74	22.79	22.76		1/0	23.00	22.87	22.92	22.89
	1/38	23.00	22.69	22.75	22.71		1/49	23.00	22.82	22.88	22.84
	1/74	23.00	22.66	22.70	22.68		1/99	23.00	22.79	22.83	22.81
QPSK	36/0	22.00	21.83	21.83	21.85	QPSK	50/0	22.00	21.91	21.96	21.93
	36/18	22.00	21.74	21.82	21.76		50/24	22.00	21.87	21.95	21.89
	36/35	22.00	21.73	21.77	21.75		50/49	22.00	21.86	21.90	21.88
	75/0	22.00	21.78	21.83	21.80		100/0	22.00	21.91	21.96	21.93
16QAM	1/0	22.00	21.81	21.86	21.83	16QAM	1/0	22.00	21.94	21.99	21.96
64QAM	1/0	21.00	20.82	20.87	20.83	64QAM	1/0	21.00	20.85	20.92	20.87
256QAM	1/0	19.00	18.84	18.90	18.88	256QAM	1/0	19.00	18.88	18.94	18.91



9.3. CONDUCTED POWER MEASUREMENTS OF 5G NR Band

NR n2 Main

	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	370500	1852.5	PI/2 BPSK	1	1	23.00	22.75
n2_SA	5	376000	1880.0	PI/2 BPSK	1	1	23.00	22.69
_		381500	1907.5	PI/2 BPSK	1	1	23.00	22.60
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dallu	(MHz)	Chamilei	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		371000	1855.0	PI/2 BPSK	1	1	23.00	22.81
n2_SA	10	376000	1880.0	PI/2 BPSK	1	1	23.00	22.77
		381000	1905.0	PI/2 BPSK	1	1	23.00	22.67
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dariu	(MHz)	Chamilei	(MHz)	Wiode	Allocation	Offset	(dBm)	(dBm)
		371500	1857.5	PI/2 BPSK	1	1	23.00	22.86
n2_SA	15	376000	1880.0	PI/2 BPSK	1	11	23.00	22.85
		380500	1902.5	PI/2 BPSK	1	1	23.00	22.72
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dania	(MHz)	ondrine.	(MHz)	mode	Allocation	Offset	(dBm)	(dBm)
					1	1	23.00	22.90
				PI/2 BPSK	1	104	23.00	22.81
					100	0	23.00	22.87
					1	1	23.00	22.98
				QPSK	1	104	23.00	22.95
					100	0	23.00	22.34
		27222	40000	460	1	1	22.50	21.97
		372000	1860.0	16QAM	1	104	22.50	22.17
					100	0	22.50	21.21
					1	1	21.50	20.61
				64QAM	1	104	21.50	21.25
					100	0	21.50	20.61
				2550111	1	11	20.00	19.07
				256QAM	1	104	20.00	19.34
					100	0	20.00	19.19
				DI /2 DDCK	1	1	23.00	22.90
				PI/2 BPSK	1	104	23.00	22.77
					100	0	23.00	22.86
				QPSK	1	1	23.00	22.99
				QP3K	1	104	23.00	22.67
					100	0	23.00	22.71
n2 SA	20	376000	1880.0	16QAM	1	1 104	22.50	21.86
112_3A	20	370000	1880.0	IOQAIVI	1	104	22.50	21.97
					100 1	0 1	22.50 21.50	21.57 21.20
				64QAM	1	104		20.55
				0-QAIVI	100	0	21.50 21.50	21.14
					1	1	20.00	19.31
				256QAM	1	104	20.00	19.12
				25500	100	0	20.00	19.53
			t	i e	1	1	23.00	22.79
				PI/2 BPSK	1	104	23.00	22.30
				, = = = = = = = = = = = = = = = = = =	100	0	23.00	22.17
					1	1	23.00	22.76
				QPSK	1	104	23.00	22.12
					100	0	23.00	21.67
					1	1	22.50	21.99
		38000	1900.0	16QAM	1	104	22.50	21.37
					100	0	22.50	20.57
					1	1	21.50	20.79
				64QAM	1	104	21.50	20.00
				`	100	0	21.50	20.01
					1	1	20.00	19.21
	l	I		256QAM	1	104	20.00	19.07





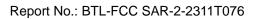
	BW		Fraguency		UL RB	UL RB	May Tung un	Avorago nowor
Band		Channel	Frequency	Mode		Offset	Max.Tune-up (dBm)	Average power
	(MHz)	370500	(MHz) 1852.5	PI/2 BPSK	Allocation 1	1	17.00	(dBm) 16.43
n2 SA	5	376000	1880.0	PI/2 BPSK	1	1	17.00	16.41
112_3/		381500	1907.5	PI/2 BPSK	1	1	17.00	16.41
	BW	381300	Frequency	FI/Z DF3K	UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(101112)	371000	1855.0	PI/2 BPSK	1	1	17.00	16.57
n2 SA	10	376000	1880.0	PI/2 BPSK	1	1	17.00	16.52
	10	381000	1905.0	PI/2 BPSK	1	1	17.00	16.51
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(1011121	371500	1857.5	PI/2 BPSK	1	1	17.00	16.61
n2_SA	15	376000	1880.0	PI/2 BPSK	1	1	17.00	16.60
_		380500	1902.5	PI/2 BPSK	1	1	17.00	16.58
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
					1	1	17.00	16.65
				PI/2 BPSK	1	104	17.00	16.61
		ĺ			100	0	16.50	16.37
		l			1	1	17.00	16.78
		l		QPSK	1	104	17.00	16.75
		l			100	0	16.50	16.44
					1	1	16.00	15.62
		372000	1860.0	16QAM	1	104	16.00	15.57
					100	0	15.00	14.73
					1	1	15.00	14.60
				64QAM	1	104	15.00	14.64
					100	0	14.00	13.64
					1	1	14.00	13.54
				256QAM	1	104	14.00	13.50
					100	0	13.00	12.66
					1	1	17.00	16.66
				PI/2 BPSK	1	104	17.00	16.61
					100	0	16.50	16.27
					1	1	17.00	16.82
				QPSK	1	104	17.00	16.79
					100	0	16.50	16.46
-2.64	20	276000	40000	460444	1	1	16.00	15.63
n2_SA	20	376000	1880.0	16QAM	1	104	16.00	15.58
					100	0	15.00	14.74
				64QAM	1	1	15.00	14.65
				64QAIVI	1	104	15.00	14.65
		l			100	0 1	14.00	13.65
		ĺ		256QAM	1	104	14.00 14.00	13.55 13.51
				ZJOQAIVI	100	0	13.00	13.51
		——	 		100	1	17.00	16.64
		ĺ		PI/2 BPSK	1	104	17.00	16.58
		l		, _ 51 51	100	0	16.50	16.37
		l			1	1	17.00	16.77
		ĺ		QPSK	1	104	17.00	16.71
		l		.,	100	0	16.50	16.35
		ĺ			1	1	16.00	15.61
		38000	1900.0	16QAM	1	104	16.00	15.56
					100	0	15.00	14.72
		l			1	1	15.00	14.59
		l		64QAM	1	104	15.00	14.63
		l			100	0	14.00	13.63
		l			1	1	14.00	13.53
		l		256QAM	1	104	14.00	13.49
			•			0	200	12.65





NR n5 Main

	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(141112)	165300	826.5	PI/2 BPSK	1	1	23.00	22.55
n5_SA	5	167300	836.5	PI/2 BPSK	1	1	23.00	22.44
		169300	846.5	PI/2 BPSK	1	1	23.00	22.42
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	, ,	165800	829.0	PI/2 BPSK	1	1	23.00	22.61
n5_SA	10	167300	836.5	PI/2 BPSK	1	1	23.00	22.52
		168800	844.0	PI/2 BPSK	1	1	23.00	22.49
Do est	BW	Charact	Frequency	No. de	UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		166300	831.5	PI/2 BPSK	1	1	23.00	22.66
n5_SA	15	167300	836.5	PI/2 BPSK	1	1	23.00	22.60
		168300	841.5	PI/2 BPSK	1	1	23.00	22.54
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dana	(MHz)	Chainlei	(MHz)	Wiode	Allocation	Offset	(dBm)	(dBm)
					1	1	23.00	22.70
				PI/2 BPSK	1	104	23.00	22.53
					100	0	23.00	22.48
					1	1	23.00	22.85
				QPSK	1	104	23.00	22.57
					100	0	23.00	22.48
					1	1	23.00	22.04
		166800	834.0	16QAM	1	104	23.00	22.59
					100	0	22.00	21.78
					1	1	22.00	21.58
				64QAM	1	104	22.00	21.35
					100	0	22.00	21.16
					1	1	20.00	19.22
				256QAM	1	104	20.00	19.34
					100	0	20.00	19.23
					1	1	23.00	22.65
				PI/2 BPSK	1	104	23.00	22.56
					100	0	23.00	22.67
				00514	1	1	23.00	22.73
				QPSK	1	104	23.00	22.37
					100	0	23.00	22.64
-F CA	20	167300	836.5	160444	1	1	23.00	21.98
n5_SA	20	167300	830.3	16QAM	1	104	23.00	22.58
					100	0 1	22.00	21.79 21.58
				64QAM	1	104	22.00	21.34
				0-QAIVI	100	0	22.00	21.34
					1	1	20.00	19.27
				256QAM	1	104	20.00	19.07
				25500,111	100	0	20.00	19.30
				1	1	1	23.00	22.61
				PI/2 BPSK	1	104	23.00	22.39
				, _ 5. 5.0	100	0	23.00	22.60
					1	1	23.00	22.67
				QPSK	1	104	23.00	22.57
					100	0	23.00	22.62
					1	1	23.00	22.12
		167800	839.0	16QAM	1	104	23.00	22.55
					100	0	22.00	21.73
					1	1	22.00	21.47
				64QAM	1	104	22.00	21.25
					100	0	22.00	21.22
					1	1	20.00	19.25
				256QAM	1	104	20.00	18.93
	1	ı	I		100	0	20.00	19.25





	I 5117		1 -		55		I I	
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	165300	(MHz) 826.5	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 22.00	(dBm) 21.52
n5_SA	5	167300	836.5	PI/2 BPSK	1	1	22.00	21.44
113_3A		169300	846.5	PI/2 BPSK	1	1	22.00	21.44
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(IVITZ)	165800	829.0	PI/2 BPSK	1	1	22.00	21.66
n5_SA	10	167300	836.5	PI/2 BPSK	1	1	22.00	21.55
		168800	844.0	PI/2 BPSK	1	1	22.00	21.51
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(141112)	166300	831.5	PI/2 BPSK	1	1	22.00	21.70
n5_SA	15	167300	836.5	PI/2 BPSK	1	1	22.00	21.63
		168300	841.5	PI/2 BPSK	1	1	22.00	21.58
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dallu	(MHz)	Chamilei	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
					1	1	22.00	21.74
				PI/2 BPSK	1	104	22.00	21.71
		l			100	0	21.50	21.38
		ĺ			1	1	22.00	21.88
				QPSK	1	104	22.00	21.85
		ĺ			100	0	21.50	21.39
					1	1	21.00	20.71
		166800	834.0	16QAM	1	104	21.00	20.66
					100	0	20.00	19.82
					1	1	20.00	19.69
				64QAM	1	104	20.00	19.73
					100	0	19.00	18.73
					1	1	19.00	18.63
				256QAM	1	104	19.00	18.59
					100	0	18.00	17.75
				DI /2 DDCI/	1	1	22.00	21.69
				PI/2 BPSK	1	104	22.00	21.64
					100	0	21.50	21.44
				QPSK	1	1	22.00	21.89
				QPSK	1 100	104 0	22.00	21.84
					100 1	1	21.50	21.44
n5_SA	20	167300	836.5	16QAM	1	104	21.00 21.00	20.66
113_3A	20	107300	030.3	100,4101	100	0	20.00	20.61 19.77
					1	1	20.00	19.68
				64QAM	1	104	20.00	19.68
		ĺ		0.30	100	0	19.00	18.68
		l			1	1	19.00	18.58
		ĺ		256QAM	1	104	19.00	18.54
					100	0	18.00	17.70
					1	1	22.00	21.64
		ĺ		PI/2 BPSK	1	104	22.00	21.58
		l			100	0	21.50	21.44
		l			1	1	22.00	21.86
		ĺ		QPSK	1	104	22.00	21.85
		l			100	0	21.50	21.43
					1	1	21.00	20.61
		167800	839.0	16QAM	1	104	21.00	20.56
		ĺ			100	0	20.00	19.72
		ĺ			1	1	20.00	19.59
		l		64QAM	1	104	20.00	19.63
					100	0	19.00	18.63
		l			1	1	19.00	18.53
		ĺ		256QAM	1	104	19.00	18.49
	I	l		l	100	0	18.00	17.65





NR n7 Main

Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	500500	(MHz) 2502.5	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 23.50	(dBm) 22,49
n 7SA	5	507000	2535	PI/2 BPSK	1	1	23.50	22.47
_		513500	2567.5	PI/2 BPSK	1	1	23.50	22.56
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Bana	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
- 764	40	501000	2505	PI/2 BPSK	1	1	23.50	22.55
n_7SA	10	507000 513000	2535	PI/2 BPSK	1	1	23.50	22.55
	BW		2565 Frequency	PI/2 BPSK	UL RB	UL RB	23.50 Max.Tune-up	22.63 Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	501500	2507.5	PI/2 BPSK	1	1	23.50	22.60
n_7SA	15	507000	2535	PI/2 BPSK	1	1	23.50	22.63
		512500	2562.5	PI/2 BPSK	1	1	23.50	22.68
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)	/	Allocation	Offset	(dBm)	(dBm)
n 7SA	20	502000	2510	PI/2 BPSK	1	1	23.50	22.64
11_/3A	20	507000 512000	2535 2560	PI/2 BPSK PI/2 BPSK	1	1	23.50 23.50	22.68 22.75
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	*******	502500	2512.5	PI/2 BPSK	1	1	23.50	22.69
n_7SA	25	507000	2535	PI/2 BPSK	1	1	23.50	22.72
		511500	2557.5	PI/2 BPSK	1	1	23.50	22.80
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n 7SA	30	503000	2515	PI/2 BPSK	1	1 1	23.50	22.75
11_/3A	30	507000 511000	2535 2555	PI/2 BPSK PI/2 BPSK	1	1 1	23.50 23.50	22.77 22.86
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(141112)		(141112)		1	1	23.50	22.82
				PI/2 BPSK	1	214	23.50	22.82
					216	0	23.50	22.84
					1	1	23.50	22.70
				QPSK	1	214	23.50	23.27
					216	0	23.50	22.82
		504000	2520	16QAM	1	1	23.50	22.24 22.10
		304000	2320	IOQAW	1 216	214 0	23.50 23.50	22.10
					1	1	22.50	21.32
				64QAM	1	214	22.50	21.65
					216	0	22.50	21.44
					1	1	20.50	19.71
				256QAM	1	214	20.50	19.38
					216	0	20.50	19.51
				PI/2 BPSK	1	1	23.50	22.83
				PI/2 BPSK	1	214	23.50	22.77
					216 1	0 1	23.50 23.50	22.78 22.94
				QPSK	1	214	23.50	23.14
					216	0	23.50	22.77
					1	1	23.50	22.18
n_7SA	40	507000	2535	16QAM	1	214	23.50	22.05
					216	0	23.50	21.95
					1	1	22.50	21.45
				64QAM	1	214	22.50	21.63
					216	0	22.50	21.46
				256QAM	1 1	1 214	20.50 20.50	19.25 19.37
				23330111	216	0	20.50	19.44
					1	1	23.50	22.91
				PI/2 BPSK	1	214	23.50	23.00
					216	0	23.50	22.79
					1	1	23.50	23.12
				QPSK	1	214	23.50	23.34
					216	0	23.50	22.98
		510000	2550	16QAM	1	1 214	23.50	22.26
		310000	2330	TOQAIVI	1 216	214 0	23.50	22.29 22.04
					1	1	23.50 22.50	21.79
				64QAM	1	214	22.50	21.90
					216	0	22.50	21.62
					1	1	20.50	19.41
		1	I	256QAM	1	214	20.50	19.53
				230QAIVI		214	20.30	19.51





Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
	(IVIHZ)	500500	2502.5	PI/2 BPSK	Allocation 1	1	19.00	18.25
n_7SA	5	507000	2535	PI/2 BPSK	1	1	19.00	18.25
		513500	2567.5	PI/2 BPSK	1	1	19.00	18.40
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	504000	(MHz)	DI /O DDCI/	Allocation	Offset	(dBm)	(dBm)
n 7SA	10	501000 507000	2505	PI/2 BPSK PI/2 BPSK	1	1	19.00 19.00	18.32 18.31
11_73/	10	513000	2535 2565	PI/2 BPSK	1	1	19.00	18.45
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		501500	2507.5	PI/2 BPSK	1	1	19.00	18.39
n_7SA	15	507000	2535	PI/2 BPSK	1	1	19.00	18.39
	=	512500	2562.5	PI/2 BPSK	1	1	19.00	18.50
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	502000	(MHz) 2510	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 19.00	(dBm) 18.46
n 7SA	20	507000	2535	PI/2 BPSK	1	1	19.00	18.44
		512000	2560	PI/2 BPSK	1	1	19.00	18.56
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Ballu	(MHz)	Chainei	(MHz)	Wiode	Allocation	Offset	(dBm)	(dBm)
		502500	2512.5	PI/2 BPSK	1	1	19.00	18.60
n_7SA	25	507000	2535	PI/2 BPSK	1	1	19.00	18.55
	BW	511500	2557.5 Fraguency	PI/2 BPSK	1	1 111 DD	19.00	18.66
Band	BW (MHz)	Channel	Frequency	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power
	(IVIMZ)	503000	(MHz) 2515	PI/2 BPSK	Allocation 1	Offset 1	19.00	(dBm) 18.64
n 7SA	30	507000	2535	PI/2 BPSK	1	1	19.00	18.63
_		511000	2555	PI/2 BPSK	1	1	19.00	18.73
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Bariu	(MHz)	Charmer	(MHz)	Wiode	Allocation	Offset	(dBm)	(dBm)
					1	1	19.00	18.68
				PI/2 BPSK	1	214	19.00	18.64
					216 1	0 1	18.50 19.00	18.37 18.78
				QPSK	1	214	19.00	18.75
					216	0	18.50	18.43
					1	1	18.00	17.65
		504000	2520	16QAM	1	214	18.00	17.60
					216	0	17.00	16.76
				640444	1	1	17.00	16.63
				64QAM	1 216	214	17.00	16.67
					1	1	16.00 16.00	15.67 15.57
				256QAM	1	214	16.00	15.53
					216	0	15.00	14.69
					1	1	19.00	18.69
				PI/2 BPSK	1	214	19.00	18.61
					216	0	18.50	18.32
				QPSK	1	1	19.00	18.88
				Qr3K	216	214 0	19.00 18.50	18.84 18.46
					1	1	18.00	17.66
n_7SA	40	507000	2535	16QAM	1	214	18.00	17.61
					216	0	17.00	16.77
					1	1	17.00	16.65
				64QAM	1	214	17.00	16.68
					216	0	16.00	15.68
				256QAM	1	1 214	16.00 16.00	15.58 15.54
				230QAIVI	216	0		15.54
					1	1	15.00 19.00	18.79
				PI/2 BPSK	1	214	19.00	18.76
					216	0	18.50	18.32
					1	1	19.00	18.85
				QPSK	1 216	214	19.00	18.81
					216	0	18.50	18.40
		510000	2550	16QAM	1	1 214	18.00 18.00	17.76 17.71
		310000	2330	IOQAIVI	216	0	18.00	16.87
					1	1	17.00	16.74
				64QAM	1	214	17.00	16.78
					216	0	16.00	15.78
					1	1	16.00	15.68
		1	İ	256QAM	1	214 0	16.00	15.64
					216		15.00	14.80



NR n12 Main

	BW		Frequency		III DR	III DR	May Tune-un	Average nower
Band	(MHz)	Channel	(MHz)	Mode	-			
	(IVITZ)	140300	701.5	PI/2 BPSK				
n 12SA	5	141500	701.5	PI/2 BPSK				
11_123/								
	5144	142700	713.5	PI/2 BPSK				
Band	BW	Channel	Frequency	Mode				
	(MHz)		(MHz)	4				
		140800	704	PI/2 BPSK				
n_12SA	10	141500	707.5	PI/2 BPSK				
		142200	711	PI/2 BPSK			23.00	22.72
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Buna	(MHz)	enamer	(MHz)	mode	Allocation	Offset	(dBm)	(dBm)
					1	1	23.00	22.78
				PI/2 BPSK	1	77	23.00	22.65
					75	0	23.00	22.68
					1	1	23.00	22.84
				QPSK	1	77	23.00	22.77
					75	0	23.00	
		141300	706.5	16QAM				
				64QAM				
				0.00				
						ocation Offset (dBm) (dBm) 1 1 23.00 22.78 1 77 23.00 22.65 75 0 23.00 22.68 1 1 23.00 22.84 1 77 23.00 22.77		
				2560414	QAM 1 77 20.00 19.18 75 0 20.00 19.37			
				256QAM 1 77 20.00 19.1 75 0 20.00 19.2 1 1 23.00 22.7				
				DI /2 DDCI				
			PI/2 BPSK					
				QPSK				
					75		23.00	22.71
					1	1	23.00	21.97
n_12SA	15	141500	707.5	16QAM	1	77	23.00	22.71
					75	0	22.00	21.81
					1	1	22.00	21.40
				64QAM	1	77	22.00	21.36
					75	0	22.00	21.37
	1	l	ĺ		1	1		
	1	l	ĺ	256QAM				
	1	l	ĺ					(dBm) (dBm) 23.00 22.67 23.00 22.63 23.00 22.65 Max.Tune-up (dBm) 23.00 22.73 23.00 22.73 23.00 22.71 23.00 22.71 23.00 22.72 Max.Tune-up (dBm) 23.00 22.77 23.00 22.78 23.00 22.65 23.00 22.68 23.00 22.68 23.00 22.68 23.00 22.77 23.00 22.77 23.00 22.77 23.00 22.77 23.00 22.77 23.00 21.79 23.00 21.79 22.00 21.79 22.00 21.79 22.00 21.79 22.00 21.79 23.00 22.77 23.00 22.80 23.00 22.80 23.00 22.77 23.00 21.79 22.00 21.79 22.00 21.79 22.00 21.79 22.00 21.79 23.00 22.79 23.00 22.79 23.00 22.79 23.00 22.79 23.00 22.79 23.00 22.79 23.00 22.79 23.00 22.79 23.00 22.79 23.00 22.79 23.00 22.79 23.00 22.78 23.00 22.71 23.00 22.77 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.58 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.50 23.00 22.70 23.00 22.50 23.00 22.70
	1							
	l	l	İ	PI/2 BPSK	BPSK 1 1 23.00 BPSK 1 1 23.00 Ode Allocation Offset (dBm) 1 23.00 Allocation Offset (dBm) 1 23.00 BPSK 1 77 23.00 75 0 23.00 23.00 PSK 1 77 23.00 75 0 23.00 20.00 75 0 23.00 20.00 2AM 1 77 23.00 75 0 22.00 75 0 22.00 2AM 1 77 23.00 2AM 1 77 20.00 2AM 1 77 20.00 2AM 1 77 23.00 2AM			
	1	l	1	l <i>'</i>			1 23.00 22.67 1 23.00 22.63 1 23.00 22.65 UL RB Offset Max.Tune-up (dBm) Average pow (dBm) 1 23.00 22.73 1 23.00 22.71 1 23.00 22.72 UL RB Offset Max.Tune-up (dBm) Average pow (dBm) 1 23.00 22.68 77 23.00 22.68 1 23.00 22.68 1 23.00 22.77 0 23.00 22.77 0 23.00 22.77 0 23.00 22.77 0 23.00 22.77 0 23.00 22.77 0 23.00 22.71 1 23.00 21.97 77 23.00 22.51 0 22.00 21.54 77 22.00 21.42 0 22.00 21.37 1 <td< td=""><td></td></td<>	
	l	l	İ					
	1	l	1	QPSK				
	1	l	ĺ					
	1	l	ĺ					
	1	141700	708.5	16QAM				
	1	141/00	700.3	IOQAIVI				
	l	l	İ					
	1	l	ĺ					
	1	l	ĺ	64QAM				
	1	l	ĺ					
	l	l	İ					
	1	l	ĺ	256QAM	1	77	20.00	19.10
	l			23000,101	75	0	20.00	19.38





Dond	BW	Channal	Frequency	Mada	UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		140300	701.5	PI/2 BPSK	1	1	22.00	21.55
n_12SA	5	141500	707.5	PI/2 BPSK	1	1	22.00	21.41
		142700	713.5	PI/2 BPSK	1	1		
D =l	BW		Frequency		UL RB	UL RB		
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset		
	(141112)	140800	704	PI/2 BPSK	1	1		
n 12SA	10	141500	707.5	PI/2 BPSK	1	1		
_		142200	711	PI/2 BPSK	1	1		
	BW		Frequency		ULRB	UL RB		
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset		
	(1411127		(1011127		1	1		
				PI/2 BPSK	1	77		
				,	75	0		
					1	1		
				QPSK	1	77		
	1				75	0		
	1				1	1		
	İ	141300	706.5	16QAM	1	77		
	1	141300	/00.5	IOQAIVI				
	1				75	0		
				64QAM	1	1		
				64QAIVI	1	77		
					75	0		
					1	1		
				256QAM	1	77		
					75	0		
					1	1		
				PI/2 BPSK	1	77		
					75	0	21.50	21.38
					1	1	22.00	21.89
				QPSK	1	77	22.00	21.84
					75	0	21.50	21.44
					1	1	21.00	20.52
n_12SA	15	141500	707.5	16QAM	1	77	21.00	20.47
					75	0	20.00	19.63
					1	1	20.00	19.55
	1			64QAM	1	77	20.00	Max.Tune-up (dBm) (dBm) (dBm) (22.00 21.59 22.00 21.49 22.00 21.62 Max.Tune-up (dBm)
	1				75	0	19.00	18.54
	1				1	1	18.00 17.64 22.00 21.55 22.00 21.51 21.50 21.38 22.00 21.89 22.00 21.84 21.50 21.44 21.00 20.52 21.00 20.47 20.00 19.63 20.00 19.55 20.00 19.54 19.00 18.54 19.00 18.44 19.00 18.40 18.00 17.56 22.00 21.68 22.00 21.64 21.50 21.27 22.00 21.78 22.00 21.78 22.00 21.76	
	İ		I	256QAM	1	77	19.00	18.40
	1				75	0	18.00	17.56
	1				1	1		
	1			PI/2 BPSK	1	77		
	1			1	75	0		
	1				1	1		
	İ		I	QPSK	1	77		(dBm) 21.59 21.49 21.62 Average power (dBm) 21.63 21.58 21.41 21.79 21.74 21.43 20.60 20.55 19.71 19.58 19.62 18.62 18.62 18.52 18.48 17.64 21.55 21.51 21.38 21.89 21.84 21.44 20.52 20.47 19.63 19.55 19.54 18.54 18.44 18.40 17.56 21.68 21.64 21.76 21.76 21.76 21.78 21.76 21.76 21.79 20.65 20.60 19.76 19.63 19.63 19.67 18.67 18.67 18.67 18.67
	1				75	0		
	1				1	1		
	1	141700	708.5	16QAM	1	77		
	1	1			75	0		
	1				1	1		
	1			64QAM	1	77		
	1			34QAIVI				
	1				75	0		
	1			356041.	1	1		
	1			256QAM	1	77		
					75	0	18.00	17.69



NR n13 Main

P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
		155900	780	PI/2 BPSK	1	1	23.50	23.26
n13_SA	5	156400	782	PI/2 BPSK	1	1	23.50	23.32
		156900	785	PI/2 BPSK	1	1	23.50	23.35
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation 1	Offset 1	(dBm) 23.50	(dBm) 23.21
				PI/2 BPSK	1	50	23.50	23.12
				,	50	0	23.00	22.97
					1	1	23.50	23.26
				QPSK	1	50	23.50	23.15
					50	0	23.00	22.56
					1	1	23.00	22.51
n13_SA	10	156400	782	16QAM	1	50	23.00	22.73
					50	0	22.00	21.55
					1	1	22.00	21.24
				64QAM	1	50	22.00	21.31
					50	0	21.50	21.11
					1	1	19.00	18.65
				256QAM	1	50	19.00	18.91
					50	0	19.00	18.98

P-sensor on

Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Daria	(MHz)	Chamici	(MHz)	Wiodc	Allocation	Offset	(dBm)	(dBm)
		155900	780	PI/2 BPSK	1	1	22.50	22.17
n13_SA	5	156400	782	PI/2 BPSK	1	1	22.50	22.10
		156900	785	PI/2 BPSK	1	1	22.50	22.03
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Bariu	(MHz)	Chamilei	(MHz)	Wiode	Allocation	Offset	(dBm)	(dBm)
					1	1	22.50	22.21
				PI/2 BPSK	1	50	22.50	22.18
					50	0	22.00	21.74
					1	1	22.50	22.46
				QPSK	1	50	22.50	22.41
					50	0	22.00	21.85
					1	1	21.50	21.18
n13_SA	10	156400	782	16QAM	1	50	21.50	21.13
					50	0	20.50	20.29
					1	1	20.50	20.16
				64QAM	1	50	20.50	20.20
					50	0	19.50	19.20
					1	1	19.50	19.10
				256QAM	1	50	19.50	19.06
					50	0	18.50	18.22

Project No.: 2311T076 Page 89 of 151 Report Version: R04



NR n14 Main

P-sensor off

Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
Dana	(MHz)	Chamici	(MHz)	Wiode	Allocation	Offset	qu	(dBm)
		158100	790.5	PI/2 BPSK	1	1	24.00	23.56
n14_SA	5	158600	793.0	PI/2 BPSK	1	1	24.00	22.15
		159100	795.5	PI/2 BPSK	1	1	24.00	23.51
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
Dariu	(MHz)	Chainei	(MHz)	Wiode	Allocation	Offset	uр	(dBm)
					1	1	24.00	23.50
				PI/2 BPSK	1	50	24.00	23.35
					50	0	24.00	22.99
					1	1	24.00	23.49
				QPSK	1	50	24.00	23.31
					50	0	23.00	22.50
					1	1	23.00	22.82
n14_SA	10	158600	793	16QAM	1	50	23.00	22.61
					50	0	22.00	21.48
					1	1	22.00	21.43
				64QAM	1	50	22.00	21.22
					50	0	22.00	21.05
					1	1	20.00	19.04
				256QAM	1	50	20.00	18.94
					50	0	20.00	19.12

P-sensor on

Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	gu	(dBm)
		158100	790.5	PI/2 BPSK	1	1	23.00	22.69
n14_SA	5	158600	793.0	PI/2 BPSK	1	1	23.00	22.10
		159100	795.5	PI/2 BPSK	1	1	23.00	22.03
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	up	(dBm)
					1	1	23.00	22.73
				PI/2 BPSK	1	50	23.00	22.71
					50	0	22.50	22.38
					1	1	23.00	22.93
				QPSK	1	50	23.00	22.79
					50	0	22.50	22.39
					1	1	22.00	21.70
n14_SA	10	158600	793	16QAM	1	50	22.00	21.65
					50	0	21.00	20.81
					1	1	21.00	20.68
				64QAM	1	50	21.00	20.72
					50	0	20.00	19.72
					1	1	20.00	19.62
				256QAM	1	50	20.00	19.58
					50	0	19.00	18.74

Project No.: 2311T076 Page 90 of 151 Report Version: R04



NR n25 Main

			_				=	
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
	(IVIHZ)	370500	1852.5	PI/2 BPSK	1	1	24.00	23.38
n25_SA	5	376500	1882.5	PI/2 BPSK	1	1	24.00	23.31
		382500	1912.5	PI/2 BPSK	1	1	24.00	23.42
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dana	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
.25.64	40	371000	1855	PI/2 BPSK	1	1	24.00	23.44
n25_SA	10	376500	1882.5	PI/2 BPSK	1	11	24.00	23.39
	BW	382000	1910	PI/2 BPSK	1	1	24.00	23.49
Band		Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	371500	(MHz) 1857.5	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 24.00	(dBm) 23.49
n25_SA	15	376500	1882.5	PI/2 BPSK	1	1	24.00	23.47
		381500	1907.5	PI/2 BPSK	1			
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	
Бапи	(MHz)	Chamilei	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		372000	1860	PI/2 BPSK	1	1	24.00	23.53
n25_SA	20	376500	1882.5	PI/2 BPSK	1	1	24.00	23.52
		381000	1905	PI/2 BPSK	1			
Band	BW	Channel	Frequency	Mode	UL RB			
	(MHz)	272500	(MHz)	DI /2 DDCK	Allocation			
n25 SA	25	372500 376500	1862.5 1882.5	PI/2 BPSK PI/2 BPSK	1			
.125_5/	23	380500	1902.5	PI/2 BPSK	1			
	BW		Frequency		UL RB	UL RB		
Band	(MHz)	Channel	(MHz)	Mode	Allocation		(dBm)	
		373000	1865	PI/2 BPSK	1	1	24.00	23.64
n25_SA	30	376500	1882.5	PI/2 BPSK	1	1	24.00	23.61
		380000	1900	PI/2 BPSK	1	1	24.00	23.72
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dana	(MHz)	onamie.	(MHz)	mode	Allocation	Offset	(dBm)	(dBm)
				D. /O D.D.	1			24.00 23.53 24.00 23.52 24.00 23.61 lax.Tune-up (dBm) 24.00 23.58 24.00 23.58 24.00 23.56 24.00 23.56 24.00 23.56 24.00 23.66 lax.Tune-up (dBm) 24.00 23.66 lax.Tune-up (dBm) 24.00 23.64 24.00 23.61 24.00 23.72 lax.Tune-up (dBm) 24.00 23.72 lax.Tune-up (dBm) 24.00 23.72 lax.Tune-up (dBm) 24.00 23.72 lax.Tune-up (dBm) 24.00 23.72 lax.Tune-up (dBm) 24.00 23.75 24.00 23.71 24.00 23.37 24.00 23.81 24.00 23.19 23.00 22.82 23.00 22.82 23.00 22.82 23.00 22.87 23.00 21.29 22.00 21.19 22.00 21.19 22.00 21.47 20.00 19.29 20.00 19.39 24.00 23.77 24.00 23.77 24.00 23.77 24.00 23.77 24.00 23.77 24.00 23.77 24.00 23.77 24.00 23.77 24.00 23.77 24.00 23.77 24.00 23.77 24.00 23.77 24.00 23.77 23.00 22.8
				PI/2 BPSK	1			
					216			
				QPSK	1			
				QF3K	216			
					1			
		374000	1870	16QAM	1			
					216			
					1	1		
				64QAM	1	214		
					216	0	22.00	21.47
					1	1	20.00	19.22
				256QAM	1	214		
					216	0		
				D. /O D.D.	1			
				PI/2 BPSK	1			
		1			216			
				QPSK	1			
				QI-3K	216			
					1			
n25_SA	40	376500	1882.5	16QAM	1	214	23.00	22.85
_					216	1 24.00 23.54 OUL RB (dBm) (dBm) 1 24.00 23.53 1 24.00 23.52 1 24.00 23.52 1 24.00 23.61 UL RB Max.Tune-up (dBm) 1 24.00 23.58 1 24.00 23.58 1 24.00 23.58 1 24.00 23.56 1 24.00 23.56 1 24.00 23.66 UL RB Max.Tune-up (dBm) Offset (dBm) (dBm) 1 24.00 23.66 UL RB Max.Tune-up (dBm) 1 24.00 23.66 UL RB Max.Tune-up (dBm) 1 24.00 23.64 1 24.00 23.64 1 24.00 23.72 UL RB Max.Tune-up (dBm) 1 24.00 23.72 UL RB Max.Tune-up (dBm) 1 24.00 23.72 Offset (dBm) (dBm) 1 24.00 23.72 UL RB Max.Tune-up (dBm) 1 24.00 23.71 214 24.00 23.37 0 24.00 23.37 0 24.00 23.37 0 24.00 23.37 1 24.00 23.81 214 24.00 23.81 214 24.00 23.81 214 23.00 22.82 1 23.00 22.82 1 23.00 22.82 1 22.00 21.29 214 22.00 21.29 214 22.00 21.29 214 20.00 19.29 0 20.00 19.39 1 24.00 23.01 0 24.00 23.77 214 24.00 23.77 214 24.00 23.77 214 24.00 23.77 214 24.00 23.77 214 24.00 23.77 214 24.00 23.77 214 24.00 23.77 214 24.00 23.77 214 24.00 23.77 214 24.00 23.77 214 24.00 23.77 214 24.00 23.77 214 24.00 23.77 228 218 22.83		
					1			
				64QAM	1	214		
		1			216			
		1			1			
		1		256QAM	1			
		<u> </u>			216			
				חולס מחכוי	1			
				PI/2 BPSK	216			
					216 1			
				QPSK	1			
		1882.5		216				
				1				
	379000	1895	16QAM	1				
					216			
					1			21.29
				64QAM	1	214		
					216			
			2!		1	1	20.00	19.33
				256QAM	1 216			





Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	370500	(MHz) 1852.5	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 17.00	(dBm) 16.07
n25 SA	5	376500	1882.5	PI/2 BPSK	1	1	17.00	16.12
1125_5/4	3	382500	1912.5	PI/2 BPSK	1	1	17.00	16.07
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		371000	1855	PI/2 BPSK	1	1	17.00	16.12
n25_SA	10	376500	1882.5	PI/2 BPSK	1	1	17.00	16.20
		382000	1910	PI/2 BPSK	1	1	17.00	16.22
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dariu	(MHz)	Chamilei	(MHz)	Wiode	Allocation	Offset	(dBm)	(dBm)
		371500	1857.5	PI/2 BPSK	1	1	17.00	16.42
n25_SA	15	376500	1882.5	PI/2 BPSK	1	1	17.00	16.48
		381500	1907.5	PI/2 BPSK	1	1		16.40
Band	BW	Channel	Frequency	Mode	-			Average power
	(MHz)							(dBm)
25.64	20	372000		_				16.49
n25_SA	20	376500						16.54
	5147	381000		PI/2 BPSK				16.44
Band	BW	Channel		Mode				Average power
	(MHz)	272500		DI/2 DDCK				(dBm)
n25 SA	25	372500 376500						16.56 16.59
1123_3A	23	380500						16.59
	BW							Average power
Band	(MHz)	Channel		Mode				
	(IVITZ)	373000		DI/2 RDSK				(dBm) 16.60
n25 SA	30	376500						16.67
		380000						16.57
	BW			•				Average power
Band	(MHz)	Channel		Mode	-			(dBm)
	(101112)		(1011127					16.64
				PI/2 BPSK	1			16.61
				,	216			16.27
					1	1		16.83
				QPSK	1	214		16.79
					216	0		16.41
					1	1		15.61
		374000	1870	16QAM	1	214	16.00	15.56
					216	0	15.00	14.72
					1	1	15.00	14.59
				64QAM	1	214	15.00	14.63
					216	0	14.00	13.63
					1	1	14.00	13.53
				256QAM	1	214	14.00	13.49
					216	0	13.00	12.65
					1			16.73
		1	[PI/2 BPSK	1	214	17.00	16.69
		l]					16.22
		1		ODC				16.89
		1		QPSK				16.85
		1						16.39
n25 SA	40	376500	1897 5	160444				15.70
1123_3A	40	370300	1002.3	17.5 PI/2 BPSK 1	15.65			
		1						14.81 14.73
		1		640AM				14.73
		l]	5 . Q/11VI				13.72
		1						13.62
		1		256QAM				13.58
		1						12.74
								16.63
		1	[PI/2 BPSK				16.58
		l]					16.16
		l]					16.79
		1	(MHz) 1860 1882.5 1905 Frequency (MHz) 1862.5 1882.5 1902.5 Frequency (MHz) 1865 1882.5 1900 Frequency (MHz)	QPSK		214		16.77
		1						16.39
	1						15.60	
	379000	1895	16QAM				15.55	
		1						14.71
		1						14.58
		1		64QAM				14.62
		I		64QAM				13.62
								13.52
				256QAM	1	1	14.00	13.52 13.48



NR n26 Main

	5111		-					
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	465300	(MHz)	DI /2 DDCI/	Allocation	Offset	(dBm)	(dBm)
n26 SA	5	165300	826.5	PI/2 BPSK	1	1	24.00	23.71
1126_3A	5	167300	836.5	PI/2 BPSK	1	1	24.00	23.69
	5111	169300	846.5	PI/2 BPSK	1	1	24.00	23.62
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
		165800	829	PI/2 BPSK	1	1	24.00	
n26_SA	10	167300	836.5	PI/2 BPSK	1	1	24.00	
		168800	844	PI/2 BPSK	1	1	24.00	
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation		(dBm)	(dBm)
		166300	831.5	PI/2 BPSK	1	1		23.82
n26_SA	15	167300	836.5	PI/2 BPSK	1	1		23.85
		168300	841.5	PI/2 BPSK	1	1	24.00	23.74
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dana	(MHz)	Chamici	(MHz)	Wiode	Allocation	Offset	(dBm)	(dBm)
					1	1	24.00	23.39
				PI/2 BPSK	1	104	24.00	23.67
	l	l			100	0	24.00	23.45
	l	l	1		1	1	24.00	23.42
	l	l		QPSK	1	104	24.00	23.71
	ĺ	ĺ			100	0	23.00	22.92
	l	l	1		1	1	23.00	23.07
	ĺ	166800	834	16QAM	1	104	23.00	22.99
					100	0	22.00	21.95
					1			
				64QAM	1	104 22.00 21.51 00 0 21.00 21.39		
					100			
					1		21.00 21.39 20.00 19.29 4 20.00 19.21 20.00 19.38 24.00 23.44	
				256QAM	1			
					100			
				PI/2 RPSK				
				11/2 01 31				00 23.77 00 23.69 ne-up Average power n) (dBm) 00 23.82 00 23.85 00 23.74 ne-up (dBm) 00 23.39 00 23.67 00 23.45 00 23.45 00 23.47 00 23.99 00 21.95 00 21.51 00 21.39 00 23.44 00 23.34 00 23.45 00 22.99 00 21.95 00 21.65 00 21.51 00 21.39 00 22.92 00 23.07 00 22.99 00 21.95 00 21.65 00 21.51 00 21.39 00 19.21 00 19.21 00 19.21 00 19.21 00 19.21 00 19.21 00 19.21 00 19.21 00 19.38 00 23.44 00 23.59 00 23.45 00 23.45 00 23.45 00 23.46 00 23.67 00 23.69 00 23.69 00 23.93 00 23.93 00 23.93 00 23.93 00 23.93 00 23.93 00 23.93 00 23.93 00 23.93 00 23.93 00 23.36 00 23.36 00 23.36 00 23.36 00 23.36 00 23.36 00 23.36 00 23.36 00 23.36 00 23.36 00 23.36 00 23.37 00 23.38 00 23.39 00 23.39 00 23.39 00 23.39 00 23.39 00 23.39 00 23.39 00 23.39 00 23.39 00 23.39
				OBSK				
				QF3K				
n26 CA	20	167300	926 5	16000				
n26_SA	20	16/300	836.5	IbQAIVI				
	l	l						
	l	l	1	640444				
	ĺ	ĺ		PI/2 BPSK 1 1 1 24.00 23.44 PI/2 BPSK 1 104 24.00 23.59 100 0 24.00 23.45 1 1 24.00 23.37 QPSK 1 104 24.00 23.37 QPSK 1 104 24.00 23.59 100 0 23.00 22.93 1 1 23.00 23.03 1 100 0 22.00 23.03 100 0 22.00 22.61 64QAM 1 104 22.00 21.62 64QAM 1 104 22.00 21.60 100 0 21.00 19.22 256QAM 1 1004 20.00 19.17				
	l	l				tion Offset (dBm) (dBm) 1 24.00 23.82 1 24.00 23.85 1 24.00 23.74 B UL RB Max.Tune-up (dBm) Average power (dBm) tion 0 ffset (dBm) (dBm) 1 24.00 23.39 104 24.00 23.45 1 24.00 23.45 1 24.00 23.47 104 24.00 23.71 10 0 23.00 22.92 1 23.00 23.07 104 23.00 22.92 1 1 23.00 22.99 1 1 22.00 21.65 104 23.00 22.99 1 1 22.00 21.51 1 20.00 19.29 104 22.00 21.51 1 20.00 19.21 1 0 20.00 19.38 1 24.00 23.44		
	l	l		3560444				
	ĺ	ĺ		256QAIVI				
	ĺ							
	ĺ	ĺ		DI /2	1			
	l	l		PI/2 BPSK	1			
	l	l			100		_	
	ĺ	ĺ			1			
	l	l		QPSK	1			
	l	l			100			
	l	l			1		23.00	
	l	167800	839	16QAM	1			
	ĺ	ĺ			100	0	22.00	21.94
	ĺ	ĺ			1	1	22.00	21.62
	l	l		64QAM	1	104	22.00	21.61
	l	l			100	0		21.39
	ĺ	ĺ			1			19.23
	ĺ	ĺ		256QAM	1			
i	ĺ	ĺ			100			





	D)4/		I e			111.00	1 a a	•
Band	BW	Channel	Frequency	Mode				
	(MHz)	165300	(MHz) 826.5	PI/2 BPSK				
n26_SA	5	167300	836.5	PI/2 BPSK				
1120_3A	3	169300	846.5	PI/2 BPSK				
	BW		Frequency					
Band	(MHz)	Channel	(MHz)	Mode			·	
	(IVITZ)	165800	829	PI/2 BPSK				
n26_SA	10	167300	836.5	PI/2 BPSK				
		168800	844	PI/2 BPSK				
	BW		Frequency					
Band	(MHz)	Channel	(MHz)	Mode				
	(166300	831.5	PI/2 BPSK				
n26 SA	15	167300	836.5	PI/2 BPSK				
		168300	841.5	PI/2 BPSK	1	1	23.00	22.67
Band	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	- ·
					1	1	23.00	22.69
		l	I	PI/2 BPSK	1	104	23.00	22.61
		l	I		100	0	22.50	22.27
		ĺ			1	1	23.00	22.78
		ĺ		QPSK	1	104	23.00	22.71
		l	I		100	0	22.50	22.42
		l	I		1	1	22.00	21.66
		166800	834	16QAM	1	104	22.00	21.61
					UL RB Allocation UL RB Offset Max.Tune-up (dBm) Average power (dBm) 1 1 23.00 22.69 1 104 23.00 22.61 100 0 22.50 22.27 1 1 23.00 22.78 1 104 23.00 22.71 100 0 22.50 22.42 1 1 22.00 21.66			
						1 1 23.00 22.33 1 1 23.00 22.39 UL RB UL RB Max.Tune-up Average power Allocation Offset (dBm) (dBm) 1 1 23.00 22.61 1 1 23.00 22.61 1 1 23.00 22.65 1 1 23.00 22.65 1 1 23.00 22.65 1 1 23.00 22.65 1 1 23.00 22.65 1 1 23.00 22.65 1 1 23.00 22.65 1 1 23.00 22.66 1 1 23.00 22.67 UL RB Max.Tune-up Average power Allocation Offset (dBm) (dBm) 1 1 23.00 22.77 1 1 23.00 22.78 1 <t< td=""></t<>		
				64QAM				
								23.00 22.33 23.00 22.39 Max.Tune-up (dBm) Average power (dBm) 23.00 22.61 23.00 22.61 23.00 22.60 Max.Tune-up (dBm) Average power (dBm) 23.00 22.65 23.00 22.65 23.00 22.63 23.00 22.69 23.00 22.69 23.00 22.71 22.50 22.27 23.00 22.71 22.50 22.27 23.00 22.71 22.50 22.27 23.00 22.71 22.50 22.77 23.00 22.71 22.50 22.77 23.00 20.61 22.00 21.66 22.00 21.66 22.00 21.66 22.00 26.44 21.00 20.68 20.00 19.58 20.00 19.58 20.00 <t< td=""></t<>
				256QAM				.00 22.39 une-up Bm) Average power (dBm) .00 22.61 .00 22.61 .00 22.61 .00 22.61 .00 22.65 .00 22.65 .00 22.63 .00 22.67 une-up amb Average power (dBm) .00 22.69 .00 22.69 .00 22.77 .00 22.71 .50 22.27 .00 22.61 .50 22.27 .00 22.61 .50 22.27 .00 22.71 .50 22.27 .00 22.61 .50 22.27 .00 22.65 .00 22.66 .00 21.61 .00 20.64 .00 19.58 .00 19.58 .00 22.85 .50 22.28 </td
				PI/2 BPSK				
				PI/Z BPSK				
				QPSK				
				Qi 3ik				
n26 SA	20	167300	836.5	16QAM				
20_5/ (20	107500	030.3	1000				
		l	I					
				64QAM				
		l	I]				
		l	I					22.60 Average power (dBm) 22.65 22.63 22.63 22.69 22.69 22.61 22.27 22.78 22.71 22.42 21.66 21.61 20.77 20.64 20.68 19.58 19.58 19.54 18.70 22.69 22.65 22.28 22.28 22.36 22.83 22.44 21.66 21.61 20.77 20.68 19.58 19.54 18.70 22.69 22.65 22.28 22.86 22.83 22.44 21.66 21.61 20.77 20.69 20.68 19.58 19.58 22.83 22.44 21.66 21.61 20.77 20.69 20.68 19.58 19.58 19.54 21.61 20.77 20.69 20.68 22.83 22.44 21.66 21.61 20.77 20.69 20.68 19.58 19.58 19.54 18.70 22.73 22.71 22.36 22.83 22.75 22.46 21.70 21.65 20.81 20.68 20.72 19.72 19.62
		l	I	256QAM				
		ĺ		PI/2 BPSK		104		
		ĺ			100	0	22.50	22.36
		ĺ			1	1	23.00	21.66 21.61 20.77 20.64 20.68 19.68 19.58 19.54 18.70 22.69 22.65 22.28 22.86 22.83 22.44 21.66 21.61 20.77 20.69 20.68 19.58 19.58 19.54 18.70 22.73 22.71 22.36 22.83 22.75 22.46 21.70 21.65 20.81 20.68
		ĺ		QPSK				22.75
		ĺ			100		22.50	22.46
		l	I					
		167800	839	16QAM				
		l	I					
		ĺ						
		l	I	64QAM				
		ĺ						
		l	I					
Ī		l	I	256QAM				
	I	1			100	0	19.00	18.74



NR n30 Main

P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
		461500	2307.5	PI/2 BPSK	1	1	22.00	21.65
n30_SA	5	462000	2310	PI/2 BPSK	1	1	22.00	21.91
		462500	2312.5	PI/2 BPSK	1	1	22.00	21.58
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
					1	1	22.00	21.49
				PI/2 BPSK	1	50	22.00	21.45
					50	0	22.00	21.09
					1	1	22.00	21.58
				QPSK	1	50	22.00	21.62
					50	0	21.00	20.98
					1	1	21.00	20.71
n30_SA	10	462000	2310	16QAM	1	50	21.00	20.68
					50	0	20.50	20.19
					1	1	20.00	19.46
				64QAM	1	50	20.00	19.26
					50	0	20.00	19.81
					1	1	18.00	17.81
				256QAM	1	50	18.00	17.91
					50	0	18.50	18.02

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
		461500	2307.5	PI/2 BPSK	1	1	19.00	18.50
n30_SA	5	462000	2310	PI/2 BPSK	1	1	19.00	18.59
		462500	2312.5	PI/2 BPSK	1	1	19.00	18.56
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power
	(141112)		(101112)		1	1	19.00	18.48
				PI/2 BPSK	1	50	19.00	18.40
					50	0	18.50	18.35
					1	1	19.00	18.53
				QPSK	1	50	19.00	18.43
					50	0	18.50	18.41
					1	1	18.00	17.45
n30_SA	10	462000	2310	16QAM	1	50	18.00	17.40
					50	0	17.00	16.56
					1	1	17.00	16.43
				64QAM	1	50	17.00	16.47
					50	0	16.00	15.47
					1	1	(dBm) (dBm) 19.00 18.48 19.00 18.40 18.50 18.35 19.00 18.53 19.00 18.43 18.50 18.41 18.00 17.45 18.00 17.40 17.00 16.56 17.00 16.43 17.00 16.47	
				256QAM	1	50	16.00	15.33
					50	0	15.00	14.49

Project No.: 2311T076 Page 95 of 151 Report Version: R04



NR n38 Main

	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average newer		
Band		Channel		Mode				Average power		
	(MHz)	515000	(MHz)	PI/2 BPSK	Allocation	Offset	(dBm) 24.50			
n 38SA	10	519000	2575		1	1				
11_363A	10		2595	PI/2 BPSK	1	1	24.50			
	BW	523000	2615	PI/2 BPSK	1	1	24.50			
Band		Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up			
	(MHz)	545500	(MHz)	DI /2 DDCI/	Allocation	Offset	(dBm)			
2001	4-	515500	2577.5	PI/2 BPSK	1	1	24.50			
n_38SA	15	519000	2595	PI/2 BPSK	1	1	24.50			
		522500	2612.5	PI/2 BPSK	1	1	24.50			
Band	BW	Channel	Frequency	Mode	UL RB	UL RB				
	(MHz)		(MHz)		Allocation	Offset				
					1	1				
				PI/2 BPSK	1	49	24.50	23.59		
					50	0	23.50	23.12		
					1	1	24.50	23.49		
				QPSK	1	49	24.50	23.53		
		l			50	0	23.50	22.54		
	1	l			1	1	23.50	22.41		
	İ	516000	2580	16QAM	1	49	23.50	22.63		
	1	l								
				640AM						
				0.00						
				2560414						
				ZJOQAIVI				(dBm) (23.38 (23.37 (dBm) (dBm		
				D. /2 D.D.C./	SO					
				PI/2 BPSK						
				QPSK				23.34		
					50	0	23.50	22.48		
					1	1	23.50	22.42		
n38_SA	20	519000	2595	16QAM	1	49	23.50	22.48		
					50	0	22.50	21.55		
					1	1	22.50	21.25		
	1	l		64QAM	1	49				
	1	l								
		l			1	1				
	1	l		256QAM	1	49	Max.Tune-up (dRm) Average power (dRm) 24.50 23.43 24.50 23.59 23.50 23.12 24.50 23.59 23.50 23.49 24.50 23.53 23.50 22.54 23.50 22.63 22.50 21.00 22.50 21.00 22.50 21.10 21.50 19.02 20.50 19.10 24.50 23.39 24.50 23.39 24.50 23.39 23.50 23.40 24.50 23.34 23.50 22.48 23.50 22.48 23.50 22.48 23.50 22.48 23.50 22.48 23.50 22.48 23.50 22.48 23.50 22.48 23.50 23.49 24.50 33.49 24.50 23.34 23.50 22.48			
	İ	l		-	50	0				
	1				1	1				
	1	l		PI/2 BPSK	1	49				
	İ	l		., _ 5. 5.0	50	0				
	1	l			1	1				
	1	l		QPSK						
	1	l		Qr 3K	50	49 0				
	İ	l								
	İ	F22000	2610	160444	1	1 10				
	1	522000	2610	16QAM	1	49				
	1	l			50	0				
	1	l			1	1				
		l		64QAM	1	49				
	1	l			50	0	21.50	21.02		
	1	l			1	1	21.50	19.06		
	1	l		256QAM	1	49	21.50	18.92		
	1	ĺ			50	0	20.50	19.05		





P-sensor off (HPUE)

	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(IVITIZ)	515000	2575	PI/2 BPSK	1	1		
n 38SA	10							
11_363A	10	519000	2595	PI/2 BPSK	1	1		
		523000	2615	PI/2 BPSK	1	1		
Band	BW	Channel	Frequency	Mode	UL RB			
5 5	(MHz)		(MHz)		Allocation			
		515500	2577.5	PI/2 BPSK	1		25.00	23.88
n_38SA	15	519000	2595	PI/2 BPSK	1	1	25.00	23.85
		522500	2612.5	PI/2 BPSK	1	1	25.00	23.85
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dana	(MHz)	Chamici	(MHz)	Wiode	Allocation	Offset	(dBm)	(dBm)
					1	1	25.00	23.92
				PI/2 BPSK	1	49	25.00	24.01
					50	0	24.00	
					1			
				QPSK				
				Q. S.				
						1 24.00 22.90 49 24.00 23.08		
		210000	2580	IDUAIVI				
	-			64QAM	1	49	23.00	21.55
					50	0	22.00	21.46
					1	1	22.00	19.42
				256QAM	1	49	25.00 23.83 25.00 23.77 25.00 23.80 Max.Tune-up (dBm) 25.00 23.85 25.00 23.85 25.00 23.85 Max.Tune-up (dBm) (dBm) 25.00 23.85 25.00 23.85 Max.Tune-up (dBm) (dBm) 25.00 23.85 25.00 23.92 25.00 24.01 24.00 23.53 25.00 23.90 24.00 23.90 24.00 23.90 24.00 23.00 24.00 23.08 23.00 22.90 24.00 23.08 23.00 21.45 23.00 21.55 22.00 21.46	
					50	50 0 24.00 23.00 1 1 24.00 22.90 1 49 24.00 23.08 50 0 23.00 22.03 1 1 23.00 21.45 1 49 23.00 21.45 1 49 23.00 21.46 1 1 22.00 19.42 1 49 22.00 19.52 50 0 21.00 19.56 1 1 25.00 23.89 1 49 25.00 23.87 50 0 24.00 23.43 1 1 25.00 23.89 1 49 25.00 23.80 50 0 24.00 23.80 50 0 24.00 23.80		
				PI/2 BPSK				
				11/2 01 31				
				ODCK				
				QPSK				
n38_SA	20	519000	2595	16QAM	1	49	24.00	22.90
					50	0	23.00	21.95
					1	1	23.00	21.68
				64QAM	1	Offset		
					50	0	22.00	
				256QAM		1 1 23.00 21.45 1 49 23.00 21.55 50 0 22.00 21.46 1 1 22.00 19.42 1 49 22.00 19.52 50 0 21.00 19.56 1 1 25.00 23.90 1 49 25.00 23.87 50 0 24.00 23.43 1 1 25.00 23.80 1 49 25.00 23.80 50 0 24.00 22.95 1 1 24.00 22.95 1 49 24.00 22.95 1 49 24.00 22.95 1 1 23.00 21.95 1 1 23.00 21.95 1 1 23.00 21.95 1 1 23.00 21.42 1 1 22.00		
				2300001111				
				DI /3 DDC1/				
	1	1		PI/2 BPSK				
	1							
	1			QPSK	1	49	25.00	23.90
					50	0	24.00	23.00
					1	1	24.00	22.93
		522000	2610	16QAM	1	49	24.00	
	1	1			50			
					1			
				64QAM	1			
	1			3 . 2071	50			
				2560444	1			
	1	1		256QAM	1			
	I	I			50	0	21.00	19.52





	BW		Eroguoney		UL RB	UL RB	Max.Tune-up	Average newer
Band		Channel	Frequency	Mode	-			Average power
	(MHz)	515000	(MHz) 2575	PI/2 BPSK	Allocation			
n 38SA	10			_				
11_363A	10	519000	2595	PI/2 BPSK				
	5147	523000	2615	PI/2 BPSK				
Band	BW	Channel	Frequency	Mode				
	(MHz)		(MHz)	/				
2004	4-	515500	2577.5	PI/2 BPSK				
n_38SA	15	519000	2595	PI/2 BPSK				
		522500	2612.5	PI/2 BPSK				
Band	BW	Channel	Frequency	Mode	-			Average power
	(MHz)		(MHz)					
				D. /2 DDC./				
				PI/2 BPSK				
					1	1	23.50	22.78
				QPSK	1	49	23.50	22.73
					50	0	22.50	22.43
					1	1	22.50	21.62
		516000	2580	16QAM	1	49	22.50	21.57
					50	0	21.50	20.73
					1	1	21.50	20.60
				64QAM	1	49		
				-		50 0 22.50 22.34 1 1 23.50 22.78 1 49 23.50 22.73 50 0 22.50 22.43 1 1 22.50 21.62 1 49 22.50 21.57 50 0 21.50 20.60 1 49 21.50 20.60 1 49 21.50 20.64 50 0 20.50 19.54 1 1 20.50 19.54 1 49 20.50 19.50 50 0 19.50 18.66 1 1 23.50 22.71 1 49 23.50 22.64 50 0 22.50 22.29 1 1 23.50 22.86 1 49 23.50 22.86 1 49 23.50 22.81 50 0 22.50		
				2560AM			1 23.50 22.65 19 23.50 22.62 0 22.50 22.34 1 23.50 22.78 19 23.50 22.73 0 22.50 22.43 1 22.50 21.57 0 21.50 20.73 1 21.50 20.60 19 21.50 20.64 0 20.50 19.64 1 20.50 19.54 19 20.50 19.50 1 20.50 19.50 1 20.50 19.50 19 20.50 19.50 1 23.50 22.71 19 23.50 22.29 1 23.50 22.29 1 23.50 22.86 19 23.50 22.81 0 22.50 22.48 1 22.50 21.68 19 22.50 21.68 <td< td=""></td<>	
						0 0 21.50 20.73 1 21.50 20.60 1 21.50 20.60 0 0 20.50 19.64 1 20.50 19.54 1 20.50 19.50 0 0 19.50 18.66 1 23.50 22.71 1 49 23.50 22.64 0 0 22.50 22.29		
				Mode				
				FI/Z DF3K				
				ODCK				
				QPSK				
n38_SA	20	519000	2595	16QAM				
						0		20.79
							21.50	20.68
				64QAM	1	49	21.50	20.70
					50	0	20.50	19.70
					1	1	20.50	19.60
	İ			256QAM	1	1 1 23.50 22.57 1 1 23.50 22.57 1 1 23.50 22.57 UL RB (dBm) UL RB (dBm) Average pow (dBm) 1 1 23.50 22.65 1 1 23.50 22.65 1 1 23.50 22.63 UL RB (location) UL RB (dBm) Max.Tune-up (dBm) Average pow (dBm) 1 1 23.50 22.65 1 49 23.50 22.65 1 49 23.50 22.65 1 1 23.50 22.65 1 49 23.50 22.78 1 49 23.50 22.78 1 49 23.50 22.73 50 0 22.50 22.43 1 1 22.50 21.57 50 0 21.50 20.73 1 49 22.50 21.57	19.56	
	İ				50		18.72	
			2595 16QAM 1 1 1 1 1 1 1 1 1	23.50	22.71			
	İ			PI/2 BPSK		49		
	İ			QPSK				
		522000	2610	16QAM				
	İ							
				64QAM				
				04QAIVI				
	İ							
				25.0041.				
				256QAM				
	l	I			50	0	19.50	18.72



NR n38 MIMO

Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dania	(MHz)	Charmer	(MHz)	wode	Allocation	Offset	(dBm)	(dBm)
		515000	2575	PI/2 BPSK	1	1	24.50	23.07
n_38SA	10	519000	2595	PI/2 BPSK	1	1	24.50	22.96
		523000	2615	PI/2 BPSK	1	1	24.50	23.01
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)	/	Allocation	Offset	(dBm)	(dBm)
- 2004	45	515500	2577.5	PI/2 BPSK	1	11	24.50	23.07
n_38SA	15	519000	2595	PI/2 BPSK	1	1	24.50	23.12
	BW	522500	2612.5 Frequency	PI/2 BPSK	UL RB	UL RB	24.50 Max.Tune-up	23.10 Average power
Band		Channel		Mode			(dBm)	- :
	(MHz)		(MHz)		Allocation	Offset		(dBm)
				PI/2 BPSK	1	1 10	24.50	23.43
				FI/Z DF3K	1 50	49	24.50	23.59
					50	0	23.50	23.12
				ODCK	1	1	24.50	23.49
		1		QPSK	1	49	24.50	23.53
		1			50	0	23.50	22.54
					1	1	23.50	22.41
		516000	2580	16QAM	1	49	23.50	22.63
		l			50	0	22.50	21.62
		l		-	1	1	22.50	21.00
		1		64QAM	1	49	22.50	21.10
					50	0	21.50	21.02
					1	1	21.50	18.93
				256QAM	1	49	21.50	19.02
					50	0	20.50	19.10
					1	1	24.50	23.49
				PI/2 BPSK	1	49	24.50	23.39
				11,20101	50	0	23.50	23.02
					1	1	24.50	23.40
				QPSK	1	49		
				QF3K			24.50	23.34
					50	0	23.50	22.48
20 . 64	20	E40000	2505	460444	1	1	23.50	22.42
n38_SA	20	519000	2595	16QAM	1	49	23.50	22.48
					50	0	22.50	21.55
					1	1	22.50	21.25
		1		64QAM	1	49	22.50	21.02
		1			50	0	21.50	20.97
		l			1	1	21.50	18.98
		1		256QAM	1	49	21.50	18.90
					50	0	20.50	18.95
		l			1	1	24.50	23.49
		1		PI/2 BPSK	1	49	24.50	23.44
		1			50	0	23.50	23.12
		1			1	1	24.50	23.49
		1		QPSK	1	49	24.50	23.43
		1			50	0	23.50	22.59
		1			1	1	23.50	22.49
		522000	2610	16QAM	1	49	23.50	22.43
		1			50	0	22.50	21.61
		1			1	1	22.50	21.08
		1		64QAM	1	49	22.50	21.24
		1		3.00	50	0	21.50	21.02
		1			1	1	21.50	19.06
		l		256QAM	1	49	21.50	18.92
		l		ZJOQAIVI				
	<u> </u>				50	0	20.50	19.05





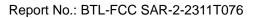
P-sensor off (HPUE)

	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation			
	(141112)	515000	2575	PI/2 BPSK	1			
n 38SA	10	519000	2595	PI/2 BPSK	1			
		523000	2615	PI/2 BPSK	1			
	BW		Frequency		UL RB			
Band	(MHz)	Channel	(MHz)	Mode	Allocation			
	(101112)	515500	2577.5	PI/2 BPSK	1			
n 38SA	15	519000	2595	PI/2 BPSK	1			
505/ (13	522500	2612.5	PI/2 BPSK	1			
	BW		Frequency		UL RB			
Band	(MHz)	Channel	(MHz)	Mode	Allocation			
	(IVIHZ)		(IVIHZ)		1			
				PI/2 BPSK	1			
				11/2 01 31	50			
				QPSK	1			
				QP3K	1 50			
					50			
		F16000	2500	160484	1			
		516000	2580	16QAM	1			
					50			
					1			
				64QAM	1			
					50			
					1		UL RB Offset (dBm) Max.Tune-up (dBm) Average power (dBm) 1 25.00 23.83 1 25.00 23.77 1 25.00 23.80 UL RB Offset (dBm) Average power (dBm) Average power (dBm) 1 25.00 23.85 1 25.00 23.85 1 25.00 23.85 1 25.00 23.85 1 25.00 23.85 1 25.00 23.92 49 25.00 23.92 49 25.00 23.90 49 25.00 23.90 49 25.00 23.90 49 25.00 23.94 0 24.00 23.09 49 25.00 23.94 0 24.00 23.08 0 23.00 21.93 1 23.00 21.45 49 23.00 21.45 49 23.00 21.46	
				256QAM	1	0 22.00 21.46 1 22.00 19.42 49 22.00 19.52 0 21.00 19.56 1 25.00 23.90		
					50		Offset (dBm) (dBm) 1 25.00 23.88 1 25.00 23.85 1 25.00 23.85 1 25.00 23.85 UL RB Max.Tune-up (dBm) Average power (dBm) 1 25.00 24.01 0 24.00 23.92 49 25.00 24.01 0 24.00 23.53 1 25.00 23.90 49 25.00 23.94 0 24.00 23.09 49 24.00 23.08 0 23.00 22.90 49 24.00 23.08 0 23.00 21.45 49 23.00 21.45 49 23.00 21.45 49 22.00 19.52 0 22.00 19.54 49 25.00 23.87 0 21.00 19.56 1 25.00 23.89<	
					1	1	25.00	23.90
				PI/2 BPSK	1	49	25.00	23.87
					50	0	24.00	23.43
					1	1	25.00	23.89
				QPSK	1	49	25.00	23.80
					50	0	24.00	22.95
					1			
n38_SA	20	519000	2595	16QAM	1	49	24.00	22.90
					50			
					1			
	I	l		64QAM	1			
					50			
					1			
	I	l		256QAM	1		25.00 23.83 25.00 23.77 25.00 23.80 Max.Tune-up (dBm) Average power (dBm) 25.00 23.85 25.00 23.85 25.00 23.85 Max.Tune-up (dBm) Average power (dBm) 25.00 24.01 24.00 23.92 25.00 24.01 24.00 23.90 25.00 23.94 24.00 23.00 24.00 23.08 23.00 21.45 23.00 21.45 23.00 21.45 22.00 21.46 22.00 19.52 21.00 19.52 21.00 19.56 25.00 23.87 24.00 23.43 25.00 23.89 25.00 23.89 24.00 22.95 24.00 22.95 24.00 22.95 24.00 22.95 24.00 <t< td=""></t<>	
		ĺ			50			
	I				1			
		ĺ		PI/2 BPSK	1			
		ĺ		1 1/2 01 31				
		ĺ			50			
	I	l		QPSK	1			
		ĺ		UPSK	1 50			
		ĺ			50			
		E22000	2610	160444	1			
		522000	2610	16QAM	1			
		ĺ			50			
		ĺ		l	1			
		ĺ		64QAM	1			
		ĺ			50	0	22.00	21.48
		ĺ			1	1	22.00	19.50
		ĺ		256QAM	1	49	22.00	19.39
	1	I	1		50	0	21.00	19.52





	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band		Channel		Mode	-			
	(MHz)	F4F000	(MHz)	DI /2 DDCI/	Allocation			
n_38SA	10	515000	2575	PI/2 BPSK				
11_363A	10	519000	2595	PI/2 BPSK				
	5147	523000	2615	PI/2 BPSK				
Band	BW	Channel	Frequency	Mode				
	(MHz)		(MHz)					
		515500	2577.5	PI/2 BPSK				
n_38SA	15	519000	2595	PI/2 BPSK				
		522500	2612.5	PI/2 BPSK				
Band	BW	Channel	Frequency	Mode				
	(MHz)		(MHz)					
				PI/2 BPSK				
				QPSK				
					22.41			
					1	1	22.50	21.53
		516000	2580	16QAM	1	49	22.50	21.48
					50	0	21.50	20.64
					1	1	21.50	20.51
				64QAM	1	49	21.50	20.55
	-				50	location Offset (dBm) (dBm) 1 1 23.50 22.52 1 1 23.50 22.57 UL RB UL RB Max.Tune-up (dBm) Average power (dBm) location Offset (dBm) (dBm) 1 1 23.50 22.56 1 49 23.50 22.56 50 0 22.50 22.24 1 1 23.50 22.75 50 0 22.50 22.41 1 1 22.50 22.41 1 1 22.50 22.41 1 1 22.50 21.53 1 49 22.50 21.48 50 0 21.50 20.64 1 1 21.50 20.51 1 49 21.50 20.55 50 0 20.50 19.55 1 49 21.50 20.55		
					1	1	20.50	19.45
				256QAM	1	49	20.50	8m) (dBm) .50 22.48 .50 22.59 .50 22.59 .50 22.50 .50 22.52 .50 22.57 .50 22.57 .50 22.57 .50 22.56 .50 22.56 .50 22.56 .50 22.76 .50 22.75 .50 22.75 .50 22.75 .50 22.75 .50 22.75 .50 22.75 .50 22.75 .50 22.41 .50 22.41 .50 22.41 .50 20.64 .50 20.51 .50 20.55 .50 19.48 .50 20.55 .50 19.41 .50 22.73 .50 22.82 .50 22.82 .50
					50	0	19.50	50 22.48 50 22.59 50 22.50 ne-up (dBm) Average power (dBm) 50 22.52 50 22.57 50 22.57 50 22.57 50 22.56 50 22.56 50 22.51 50 22.76 50 22.75 50 22.75 50 22.75 50 22.75 50 22.75 50 22.75 50 22.75 50 22.75 50 22.148 50 20.51 50 20.55 50 19.45 50 19.45 50 19.47 50 22.73 50 22.73 50 22.82 50 22.82 50 22.82 50 22.82 50
					1	1		
				PI/2 BPSK	1	49		22.69
					50	0		
				QPSK	1	49		
				-				
n38_SA	20	519000	2595	16QAM				
_						0 20.50 19.55 1 20.50 19.45 49 20.50 19.41 0 19.50 18.57 1 23.50 22.73 49 23.50 22.69 0 22.50 22.42 1 23.50 22.93 49 23.50 22.93 49 23.50 22.82 0 22.50 22.45 1 22.50 21.70 49 22.50 21.65 0 21.50 20.73 49 21.50 20.73 49 21.50 20.72 0 20.50 19.72		
				64QAM				
				,				
		1						Average power (dBm) 22.56 22.51 22.24 22.76 22.75 22.41 21.53 21.48 20.64 20.51 20.55 19.45 19.41 18.57 22.73 22.69 22.42 22.93 22.82 22.45 21.70 21.65 20.81 20.73 20.72 19.62 19.58 18.74 22.63 22.54 22.37 22.88 22.83 22.34 21.60 21.55 20.71 20.58 20.71 20.58 20.71 20.58 20.62
		1		256QAM				
		1		2300,7101				
						1 1 23.50 22.48 1 1 23.50 22.59 1 1 23.50 22.50 RB UL RB Max.Tune-up (dBm) Average p (dBm) ation 0ffset (dBm) (dBm) 1 1 23.50 22.52 1 1 23.50 22.57 1 1 23.50 22.57 1 1 23.50 22.55 1 49 23.50 22.56 1 1 23.50 22.55 1 49 23.50 22.76 1 49 23.50 22.76 1 49 23.50 22.75 0 0 22.50 22.47 1 1 22.50 22.47 1 1 22.50 22.47 1 1 22.50 22.43 1 1 22.50 22.48 1 4		
		1		PI/2 BPSK				
		1		. 1/2 01 31			0 22.50 22.24 1 23.50 22.76 49 23.50 22.75 0 22.50 22.41 1 22.50 21.53 49 22.50 21.48 0 21.50 20.64 1 21.50 20.51 49 21.50 20.55 0 20.50 19.55 1 20.50 19.45 49 20.50 19.41 0 19.50 18.57 1 23.50 22.73 49 23.50 22.69 0 22.50 22.42 1 23.50 22.82 0 22.50 22.42 1 23.50 22.82 0 22.50 22.45 1 22.50 22.45 1 22.50 22.45 1 22.50 20.81 1 22.50 20.81 1<	
		1						
		1		QPSK				
		1		UPSK				
		1						
		522000	2610	160 4 4 4				
		522000	2610	16QAM	1		1 23.50 22.57 RB fset (dBm) Average power (dBm) 1 23.50 22.56 19 23.50 22.51 1 23.50 22.76 19 23.50 22.76 19 23.50 22.76 19 23.50 22.75 10 22.50 21.53 19 22.50 21.48 10 21.50 20.64 1 21.50 20.51 19 21.50 20.55 10 21.50 20.55 10 20.50 19.55 1 20.50 19.45 19 20.50 19.45 19 20.50 19.45 19 20.50 19.45 19 20.50 19.41 10 19.50 18.57 1 23.50 22.49 1 23.50 22.42 1 23.50 22.42	
		1			50			
		1			1			
		1		64QAM	1			
		1			50	-		
		1			1	1	20.50	19.52
		1		256QAM	1	49	20.50	19.48
	I				50	0		18 64





NR n41 Main

	BW	-1 .	Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
- 41 CA	20	501204	2506.02	PI/2 BPSK	1	1	26.50	25.19
n41_SA	20	518598 534000	2592.99 2670	PI/2 BPSK PI/2 BPSK	1	1	26.50 26.50	25.30 25.41
David	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		502200	2511	PI/2 BPSK	1	1	26.50	25.22
n41_SA	30	518598 535000	2592.99 2675	PI/2 BPSK	1	1 1	26.50 26.50	25.27 25.49
	BW		Frequency	PI/2 BPSK	UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		503202	2516.01	PI/2 BPSK	1	1	26.50	25.29
n41_SA	40	518598	2592.99	PI/2 BPSK	1	1	26.50	25.38
	DVA	534000	2670	PI/2 BPSK	1	1	26.50	25.51
Band	BW (MAHA)	Channel	Frequency (MHz)	Mode	UL RB	UL RB Offset	Max.Tune-up	Average power
	(MHz)	504204	2521.02	PI/2 BPSK	Allocation 1	1	(dBm) 26.50	(dBm) 25.42
n41_SA	50	518598	2592.99	PI/2 BPSK	1	1	26.50	25.39
		532998	2664.99	PI/2 BPSK	1	1	26.50	25.62
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	505200	(MHz)	PI/2 BPSK	Allocation	Offset	(dBm)	(dBm)
n41_SA	60	518598	2526 2592.99	PI/2 BPSK	1 1	1	26.50 26.50	25.49 25.46
1141_3/4	00	531996	2659.98	PI/2 BPSK	1	1	26.50	25.69
Dd	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		507204	2536.02	PI/2 BPSK	1	1	26.50	25.48
n41_SA	70	518598	2592.99	PI/2 BPSK	1	1	26.50	25.51
	BW	529998	2649.99 Frequency	PI/2 BPSK	1 UL RB	UL RB	26.50 May Tune-un	25.69
Band	(MHz)	Channel	Frequency (MHz)	Mode	Allocation	Offset	Max.Tune-up (dBm)	Average power (dBm)
	(IVIIIZ)	507204	2536.02	PI/2 BPSK	1	1	26.50	25.57
n41_SA	80	518598	2592.99	PI/2 BPSK	1	1	26.50	25.64
		529998	2649.99	PI/2 BPSK	1	1	26.50	25.79
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	500200	(MHz)	DI/2 DDCK	Allocation	Offset	(dBm)	(dBm)
n41_SA	90	508200 518598	2541 2592.99	PI/2 BPSK PI/2 BPSK	1	1	26.50 26.50	25.64 25.72
1141_3/4	30	528996	2644.98	PI/2 BPSK	1	1	26.50	25.86
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Ballu	(MHz)	Citatillei	(MHz)	ivioue	Allocation	Offset	(dBm)	(dBm)
					1	1	26.50	25.69
				PI/2 BPSK	1	271	26.50	26.00
					270 1	0 1	24.00 26.50	23.29 25.63
				QPSK	1	271	26.50	26.07
					270	0	24.00	22.83
					1	1	25.50	24.58
		509202	2546.01	16QAM	1	271	25.50	24.98
					270	0	22.50	20.79
				64QAM	1	271	24.00	22.79
				64QAIVI	1 270	271 0	24.00 22.00	23.27 21.32
					1	1	22.00	21.09
				256QAM	1	271	22.00	21.54
					270	0	20.50	19.30
					1	1	26.50	25.76
				PI/2 BPSK	1	271	26.50	25.96
					270	0	24.00	23.38
			l	QPSK	1	1 271	26.50 26.50	25.63 25.95
			l	1	270	0	24.00	22.96
			1		1	1	25.50	24.77
n41_SA	100	518598	2592.99	16QAM	1	271	25.50	24.88
			1	<u> </u>	270	0	22.50	21.05
			1	64QAM	1	271	24.00 24.00	21.48
			l	0-QAIVI	270	271	24.00	21.45
			l		1	1	22.00	21.02
			l	256QAM	1	271	22.00	21.48
					270	0	20.50	19.48
			l	D1/2 DD	1	1	26.50	25.85
			1	PI/2 BPSK	270	271	26.50	25.81
			l	-	270 1	1	24.00 26.50	23.56 25.83
			1	QPSK	1	271	26.50	25.85
			l		270	0	24.00	23.01
			1		1	1	25.50	24.85
		528000	2640	16QAM	1	271	25.50	24.88
			l		270	0	22.50	20.97
			1	640444	1	1 274	24.00	22.90
	1		1	64QAM	270	271	24.00 22.00	23.24
					270	0	22.00	22.20
					1	1	22.00	21 31
				256QAM	1 1	1 271	22.00 22.00	21.31 21.40





P-sensor off (HPUE)

0 1								
Band	BW	Channel	Frequency	Mode	UL RB	UL RB Offset	Max.Tune-up (dBm)	Average power
	(MHz)	501204	(MHz) 2506.02	PI/2 BPSK	Allocation 1	Offset 1	27.00	(dBm) 25.65
n41_SA	20	518598	2592.99	PI/2 BPSK	1	1	27.00	25.71
-		534000	2670	PI/2 BPSK	1	1	27.00	25.90
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Duna	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
- 44 . 64	30	502200	2511	PI/2 BPSK	1	1	27.00	25.70
n41_SA	30	518598	2592.99	PI/2 BPSK	1	1	27.00	25.75
	BW	535000	2675 Frequency	PI/2 BPSK	1 UL RB	UL RB	27.00 Max.Tune-up	25.95 Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	UVIIIZI	503202	2516.01	PI/2 BPSK	1	1	27.00	25.77
n41_SA	40	518598	2592.99	PI/2 BPSK	1	1	27.00	25.81
		534000	2670	PI/2 BPSK	1	1	27.00	26.00
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)	111	Allocation	Offset	(dBm)	(dBm)
- 44 . 64		504204	2521.02	PI/2 BPSK	1	1	27.00	25.84
n41_SA	50	518598	2592.99	PI/2 BPSK	1	1	27.00	25.89
	BW	532998	2664.99 Eroguanay	PI/2 BPSK	UL RB	UL RB	27.00	26.05
Band		Channel	Frequency	Mode	Allocation	Offset	Max.Tune-up	Average power
	(MHz)	505200	(MHz) 2526	PI/2 BPSK	1	1	(dBm) 27.00	(dBm) 25.91
n41_SA	60	518598	2592.99	PI/2 BPSK	1	1	27.00	25.94
_		531996	2659.98	PI/2 BPSK	1	1	27.00	26.11
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
band	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
- 44		507204	2536.02	PI/2 BPSK	1	1	27.00	25.98
n41_SA	70	518598	2592.99	PI/2 BPSK	1	1	27.00	26.00
	BW	529998	2649.99	PI/2 BPSK	UL RB	1	27.00	26.15
Band		Channel	Frequency	Mode	-	UL RB Offset	Max.Tune-up	Average power
	(MHz)	507204	(MHz) 2536.02	PI/2 BPSK	Allocation 1	1	(dBm) 27.00	(dBm) 26.05
n41_SA	80	518598	2592.99	PI/2 BPSK	1	1	27.00	26.05
_		529998	2649.99	PI/2 BPSK	1	1	27.00	26.21
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
ballu	(MHz)	Chainlei	(MHz)		Allocation	Offset	(dBm)	(dBm)
		508200	2541	PI/2 BPSK	1	1	27.00	26.09
n41_SA	90	518598	2592.99	PI/2 BPSK	1	1	27.00	26.13
		528996	2644.98	PI/2 BPSK	1	1	27.00	26.28
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation 1	Offset 1	(dBm) 27.00	(dBm) 26.13
				PI/2 BPSK	1	271	27.00	26.49
					270	0	24.50	23.73
					1	1	27.00	26.11
				QPSK	1	271	27.00	26.50
					270	0	24.50	23.25
		509202	2546.01	16QAM	1 1	1	26.00	25.03
		309202	2340.01	IOQAIVI	270	271 0	26.00 22.50	25.41 21.23
					1	1	25.00	23.27
				64QAM	1	271	25.00	23.69
					270	0	22.50	21.74
					1	1		
				256QAM			23.00	21.57
					1	271	23.00 23.00	
					270	271 0	23.00 21.00	21.57 22.01 19.74
				DI/2 PDC	270 1	271 0 1	23.00 21.00 27.00	21.57 22.01 19.74 26.19
				PI/2 BPSK	270 1 1	271 0 1 271	23.00 21.00 27.00 27.00	21.57 22.01 19.74 26.19 26.40
				PI/2 BPSK	270 1	271 0 1 271 0	23.00 21.00 27.00 27.00 24.50	21.57 22.01 19.74 26.19 26.40 23.86
					270 1 1 270 1	271 0 1 271 0 1	23.00 21.00 27.00 27.00 24.50 27.00	21.57 22.01 19.74 26.19 26.40 23.86 26.12
				PI/2 BPSK QPSK	270 1 1	271 0 1 271 0	23.00 21.00 27.00 27.00 24.50	21.57 22.01 19.74 26.19 26.40 23.86
					270 1 1 270 1 1	271 0 1 271 0 1 271	23.00 21.00 27.00 27.00 24.50 27.00 27.00	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36
n41_SA	100	518598	2592.99		270 1 1 270 1 1 1 270	271 0 1 271 0 1 271 0	23.00 21.00 27.00 27.00 24.50 27.00 27.00 24.50	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 23.38
n41_SA	100	518598	2592.99	QPSK	270 1 1 270 1 270 1 270 1 1 270	271 0 1 271 0 1 271 0 1 271 0 1 271	23.00 21.00 27.00 27.00 24.50 27.00 27.00 24.50 26.00 26.00 22.50	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 23.38 25.17 25.31 21.47
n41_SA	100	518598	2592.99	QPSK 16QAM	270 1 1 270 1 1 270 1 1 270 1 1 270 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0	23.00 21.00 27.00 27.00 24.50 27.00 24.50 27.00 24.50 26.00 26.00 26.00 22.50 25.00	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 23.38 25.17 25.31 21.47 21.91
n41_SA	100	518598	2592.99	QPSK	270 1 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271	23.00 21.00 27.00 27.00 24.50 27.00 24.50 26.00 26.00 25.00 25.00	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 23.38 25.17 25.31 21.47 21.91
n41_SA	100	518598	2592.99	QPSK 16QAM	270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	23.00 21.00 27.00 27.00 24.50 27.00 24.50 26.00 26.00 22.50 25.00 25.00 22.50	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 23.38 25.17 25.31 21.47 21.91 21.92
n41_SA	100	518598	2592.99	QPSK 16QAM 64QAM	270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	23.00 21.00 27.00 27.00 24.50 27.00 27.00 24.50 26.00 26.00 25.00 25.00 25.00 22.50 23.00	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 23.38 25.17 25.31 21.47 21.91 21.92 21.91 21.49
n41_SA	100	518598	2592.99	QPSK 16QAM	270 1 1 270 1 1 270 1 1 270 1 1 270 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	23.00 21.00 27.00 27.00 24.50 27.00 24.50 26.00 26.00 25.00 25.00 25.00 22.50 22.50 23.00 23.00	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 23.38 25.17 25.31 21.47 21.91 21.92 21.91 21.49
n41_SA	100	518598	2592.99	QPSK 16QAM 64QAM 256QAM	270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	23.00 21.00 27.00 27.00 24.50 27.00 27.00 24.50 26.00 26.00 25.00 25.00 25.00 22.50 23.00	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 23.38 25.17 25.31 21.47 21.91 21.92 21.91 21.49
n41_SA	100	518598	2592.99	QPSK 16QAM 64QAM	270 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	23.00 21.00 27.00 27.00 27.00 24.50 27.00 24.50 26.00 26.00 25.00	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 23.38 25.17 25.31 21.47 21.91 21.92 21.91 21.49 21.94
n41_SA	100	518598	2592.99	QPSK 16QAM 64QAM 256QAM	270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	23.00 21.00 27.00 27.00 24.50 27.00 24.50 26.00 26.00 22.50 25.00 25.00 25.00 22.50 23.00 23.00 27.00	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 25.37 25.31 21.47 21.91 21.92 21.94 19.91 21.94
n41_SA	100	518598	2592.99	QPSK 16QAM 64QAM 256QAM PI/2 BPSK	270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 27	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 1 271 0 1 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 0 1 1 271 0 0 1 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	23.00 21.00 27.00 27.00 24.50 27.00 24.50 26.00 24.50 26.00 22.50 25.00 22.50 25.00 22.50 23.00 21.00 27.00 27.00 24.50 24.50 25.00 24.50 25.00	21.57 22.01 19.74 26.19 26.40 23.86 26.31 26.36 23.38 25.17 25.31 21.47 21.91 21.92 21.91 21.49 31.99 32.99 32.99 33.99 36.28
n41_SA	100	518598	2592.99	QPSK 16QAM 64QAM 256QAM	270 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270	271 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	23.00 21.00 27.00 27.00 24.50 27.00 24.50 26.00 24.50 26.00 22.50 25.00 25.00 25.00 23.00 23.00 21.00 27.00 24.50 27.00 24.50 25.00 27	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 23.38 25.17 25.31 21.47 21.91 21.92 21.91 21.49 21.94 19.91 26.34 26.30 23.39 26.28
n41_SA	100	518598	2592.99	QPSK 16QAM 64QAM 256QAM PI/2 BPSK	270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	23.00 21.00 27.00 27.00 27.00 24.50 27.00 24.50 26.00 22.50 25.00 25.00 22.50 25.00 22.50 23.00 21.00 27.00	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 23.38 25.17 25.31 21.47 21.91 21.92 21.91 21.49 21.94 26.30 23.39 26.34 26.30 23.39 26.28 26.30 23.45
n41_SA	100			QPSK 16QAM 64QAM 256QAM PI/2 BPSK	270 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270	271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	23.00 21.00 27.00 27.00 24.50 27.00 24.50 27.00 24.50 26.00 26.00 25.00 25.00 25.00 22.50 23.00 23.00 21.00 27.00 24.50 23.00 24.50 25.00 25.00 27	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 23.38 25.17 25.31 21.47 21.91 21.92 21.91 21.49 21.99 21.99 21.99 21.99 21.99 21.94 25.34 26.30 23.39 26.28 26.30 23.45
n41_SA	100	518598 528000	2592.99	QPSK 16QAM 64QAM 256QAM PI/2 BPSK	270 1 270 1 1 270 1 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271	23.00 21.00 27.00 27.00 24.50 27.00 24.50 26.00 22.50 25.00 25.00 22.50 23.00 23.00 27.00 24.50 24.50 25.00 24.50 25.00 25.00 27	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 25.37 25.31 21.47 21.91 21.92 21.94 19.91 21.49 21.94 26.30 23.39 26.28 26.34 26.30 23.45 25.31
n41_SA	100			QPSK 16QAM 64QAM 256QAM PI/2 BPSK	270 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 270 1 270 1 270 270 270 270 270 270 270 270 270 270	271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	23.00 21.00 27.00 27.00 24.50 27.00 24.50 26.00 26.00 25.00 25.00 25.00 22.50 23.00 21.00 27.00 24.50 23.00 24.50 24.50 25.00 24.50 25.00 26.00 27	21.57 22.01 19.74 26.19 26.40 23.86 26.32 26.36 23.38 25.17 25.31 21.47 21.91 21.92 21.91 21.49 21.94 26.34 26.34 26.34 26.30 23.39 26.28 26.30 23.45 25.32 25.31 21.45
n41_SA	100			QPSK 16QAM 64QAM 256QAM PI/2 BPSK	270 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 270 270 270 270 270 270 270	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	23.00 21.00 27.00 27.00 24.50 27.00 24.50 26.00 22.50 25.00 25.00 22.50 23.00 21.00 27.00 24.50 25.00 22.50 23.00 21.00 27.00 24.50 25.00 22.50 23.00 24.50 24.50 25.00 26.00 27	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 25.31 25.37 25.31 21.47 21.92 21.94 19.91 21.94 22.94 23.39 26.34 26.30 23.39 26.28 25.32 23.45 25.31 21.45 23.31
n41_SA	100			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	270 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 270 1 270 1 270 270 270 270 270 270 270 270 270 270	271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	23.00 21.00 27.00 27.00 24.50 27.00 24.50 26.00 26.00 25.00 25.00 25.00 22.50 23.00 21.00 27.00 24.50 23.00 24.50 24.50 25.00 24.50 25.00 26.00 27	21.57 22.01 19.74 26.19 26.40 23.86 25.36 25.36 25.37 25.31 21.47 21.91 21.92 21.91 21.49 21.94 19.91 26.30 26.30 23.39 26.30 23.39 26.30 23.39 26.30 27.30 28.39 28.39 28.30 28.39 28.30 28.39 28.30
n41_SA	100			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM	270 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1	23.00 21.00 27.00 27.00 27.00 24.50 26.00 24.50 26.00 22.50 25.00 22.50 23.00 21.00 27	21.57 22.01 19.74 26.19 26.40 23.86 26.12 26.36 25.37 25.31 21.47 21.91 21.92 21.94 19.91 21.94 25.34 26.30 23.39 26.38
n41_SA	100			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 270 1 270 1 270 1 270 270 270 270 270 270 270 270 270 270	271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 0 1 271 0 0 0 1 271 0 0 0 1 271 0 0 0 1 271 0 0 0 1 271 0 0 0 1 271 0 0 0 1 271 0 0 0 1 271 0 0 0 1 271 0 0 0 1 271 0 0 0 1 271 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23.00 21.00 27.00 27.00 24.50 27.00 24.50 26.00 22.50 25.00 22.50 23.00 23.00 21.00 27.00 24.50 25.00 22.50 23.00 27.00 24.50 25.00 27	21.57 22.01 19.74 26.19 26.40 23.86 23.86 23.38 25.51 25.51 25.531 21.47 21.91 21.92 21.99 21.99 21.99 21.99 21.99 21.99 21.94 21.91 21.91 21.92 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.49 21.91 21.94 21.91 21.94 21.91 21.94 21.95





Dord	BW	Charrel	Frequency	Mada	UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		501204	2506.02	PI/2 BPSK	1	1	25.50	24.69
n41_SA	20	518598 534000	2592.99 2670	PI/2 BPSK PI/2 BPSK	1	1	25.50 25.50	24.61 24.57
n 1	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		502200	2511	PI/2 BPSK	1	1	25.50	24.73
n41_SA	30	518598	2592.99	PI/2 BPSK	1	1	25.50	24.66
	BW	535000	2675 Frequency	PI/2 BPSK	UL RB	UL RB	25.50 Max.Tune-up	24.64 Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(141112)	503202	2516.01	PI/2 BPSK	1	1	25.50	24.78
n41_SA	40	518598	2592.99	PI/2 BPSK	1	1	25.50	24.70
		534000	2670	PI/2 BPSK	1	1	25.50	24.69
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	504204	(MHz) 2521.02	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 25.50	(dBm) 24.92
n41_SA	50	518598	2592.99	PI/2 BPSK	1	1	25.50	24.84
_		532998	2664.99	PI/2 BPSK	1	1	25.50	24.79
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dana	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
		505200	2526	PI/2 BPSK	1	1	25.50	24.99
n41_SA	60	518598	2592.99 2659.98	PI/2 BPSK	1	1	25.50 25.50	24.89 24.85
	BW	531996	Frequency	PI/2 BPSK	UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		507204	2536.02	PI/2 BPSK	1	1	25.50	25.06
n41_SA	70	518598	2592.99	PI/2 BPSK	1	1	25.50	24.95
		529998	2649.99	PI/2 BPSK	1	1	25.50	24.89
Band	BW (NAUL-)	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average powe
	(MHz)	507204	(MHz) 2536.02	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 25.50	(dBm) 25.13
n41_SA	80	518598	2592.99	PI/2 BPSK	1	1	25.50	25.13
		529998	2649.99	PI/2 BPSK	1	1	25.50	24.95
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average powe
Dana	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
-41 64	00	508200	2541	PI/2 BPSK	1	1	25.50	25.17
n41_SA	90	518598	2592.99	PI/2 BPSK PI/2 BPSK	1	1	25.50 25.50	25.08
	BW	528996	2644.98 Frequency		UL RB	UL RB	Max.Tune-up	25.02 Average powe
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
			(1411)27		1	1	25.50	25.21
				PI/2 BPSK	1	271	25.50	25.14
					270	0	25.00	24.76
				QPSK	1	271	25.50	25.38
				QF3K	270	0	25.50 25.00	25.34 24.87
					1	1	24.50	24.18
		509202	2546.01	16QAM	1	271	24.50	24.13
					270	0	23.50	23.29
					1	1	23.50	23.16
				64QAM	1	271	23.50	23.20
				-	270	0 1	22.50	22.20
				256QAM	1 1	271	22.50 22.50	22.10 22.06
					270	0	21.50	21.22
					1	1	25.50	25.14
				PI/2 BPSK	1	271	25.50	25.08
				<u> </u>	270	0	25.00	24.68
				QPSK	1	271	25.50	25.44 25.43
				QP3N	270	271 0	25.50 25.00	25.43
					1	1	24.50	24.11
n41_SA	100	518598	2592.99	16QAM	1	271	24.50	24.06
					270	0	23.50	23.22
					1	1	23.50	23.12
				64QAM	270	271	23.50	23.13
				—	1	0 1	22.50	22.13 22.03
				256QAM	1	271	22.50	21.99
					270	0	21.50	21.15
					1	1	25.50	25.08
				PI/2 BPSK	1	271	25.50	25.04
				<u> </u>	270	0	25.00	24.89
				QPSK	1	271	25.50	25.39
				QP3N	270	271 0	25.50 25.00	25.34 24.87
					1	1	24.50	24.05
		528000	2640	16QAM	1	271	24.50	24.00
					270	0	23.50	23.16
	I			1	1	1	23.50	23.03
		64QAM 1 271 270 0	271	23.50	23.07			
				0.100				
					270	0	22.50	22.07
				256QAM				





NR n41 MIMO 2

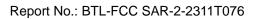
			_		1		1	
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
	(IVIHZ)	501204	2506.02	PI/2 BPSK	1	1	26.00	24.82
n41_SA	20	518598	2592.99	PI/2 BPSK	1	1	26.00	24.93
		534000	2670	PI/2 BPSK	1	1	26.00	25.04
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n41_SA	30	502200	2511 2592.99		1	11	26.00	24.85
1141_3A	30	518598 535000	2592.99		1	1	26.00 26.00	24.90 25.12
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(141112)	503202	2516.01	PI/2 BPSK	1	1	26.00	24.92
n41_SA	40	518598	2592.99	PI/2 BPSK	1	1	26.00	25.01
		534000	2670	PI/2 BPSK	1	1	26.00	25.14
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n/1 CA	50	504204	2521.02		1	11	26.00	25.05
n41_SA	50	518598 532998	2592.99 2664.99		1	1	26.00 26.00	25.02 25.25
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(1011127	505200	2526	PI/2 BPSK	1	1	26.00	25.12
n41_SA	60	518598	2592.99	PI/2 BPSK	1	1	26.00	25.09
		531996	2659.98	PI/2 BPSK	1	1	26.00	25.32
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Duilu	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n41 C4	70	507204	2536.02		1	1	26.00	25.11
n41_SA	70	518598	2592.99		1	1 1	26.00	25.14
	BW	529998	2649.99 Frequency		UL RB	UL RB	26.00	25.32 Average power
Band	(MHz)	Channel	Frequency (MHz)	Mode		Offset	Max.Tune-up (dBm)	Average power
	(IVITIZ)	507204	2536.02	PI/2 BPSK	Allocation 1	1	26.00	(dBm) 25.20
n41_SA	80	518598	2592.99	PI/2 BPSK	1	1	26.00	25.27
		529998	2649.99	PI/2 BPSK	1	1	26.00	25.42
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dana	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
		508200	2541		1	1	26.00	25.27
n41_SA	90	518598	2592.99		1	1	26.00	25.35
	BW	528996	2644.98	PI/2 BPSK	1 UL RB	UL RB	26.00 Max.Tune-up	25.49
Band	(MHz)	Channel	Frequency (MHz)	Mode	Allocation	Offset	(dBm)	Average power (dBm)
	UVITZI		(IVITIZ)		1	1	26.00	25.32
				PI/2 BPSK	1	271	26.00	25.63
					270	0	24.50	22.92
					1	1	26.00	25.26
				QPSK	1	271	26.00	25.70
					270	0	24.50	22.53
		509202	2546.01	160444	1	1 274	25.00	24.21
		309202	2546.01	IOQAW	1 270	271 0	25.00 22.00	24.61 20.42
						1		
				64QAM	1	271	24.00	22.42
				64QAM	1 1 270	271 0		
				64QAM	1	271	24.00 24.00	22.42 22.90
				256QAM	1 270 1 1	271 0 1 271	24.00 24.00 22.00 22.00 22.00	22.42 22.90 20.95 20.72 21.17
					1 270 1 1 270	271 0 1 271 0	24.00 24.00 22.00 22.00 22.00 20.00	22.42 22.90 20.95 20.72 21.17 18.93
				256QAM	1 270 1 1 270 1	271 0 1 271 0 1	24.00 24.00 22.00 22.00 22.00 20.00 26.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39
					1 270 1 1 270 1 1	271 0 1 271 0 1 271	24.00 24.00 22.00 22.00 22.00 20.00 26.00 26.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59
				256QAM	1 270 1 1 270 1 270	271 0 1 271 0 1 271 0	24.00 24.00 22.00 22.00 22.00 20.00 26.00 26.00 24.50	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01
				256QAM PI/2 BPSK	1 270 1 1 270 1 1 270 1 270	271 0 1 271 0 1 271 0 1 271 0	24.00 24.00 22.00 22.00 22.00 20.00 26.00 26.00 24.50 26.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26
				256QAM	1 270 1 1 270 1 1 270 1 270 1	271 0 1 271 0 1 271 0 1 271 0	24.00 24.00 22.00 22.00 22.00 20.00 26.00 26.00 24.50 26.00 26.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 25.58
				256QAM PI/2 BPSK	1 270 1 1 270 1 1 270 1 270	271 0 1 271 0 1 271 0 1 271 0	24.00 24.00 22.00 22.00 22.00 20.00 26.00 24.50 26.00 24.50 26.00 26.00 24.50	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK	1 270 1 1 270 1 1 270 1 270 1 270	271 0 1 271 0 1 271 0 1 271 0	24.00 24.00 22.00 22.00 22.00 20.00 26.00 26.00 24.50 26.00 26.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 25.58 22.59
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK QPSK	1 270 1 1 270 1 270 1 1 270 1 1 270	271 0 1 271 0 1 271 0 1 271 0 1 271 0	24.00 24.00 22.00 22.00 22.00 20.00 26.00 26.00 24.50 26.00 26.00 24.50 25.00	22.42 22.90 20.95 20.72 21.17 18.93 25.59 23.01 25.26 25.58 22.59 24.40 24.51 20.68
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK QPSK 16QAM	1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	24.00 24.00 22.00 22.00 22.00 26.00 26.00 24.50 26.00 24.50 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 26.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.58 22.59 24.40 24.51 20.68 21.11
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK QPSK	1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 0 1 1 0 1 0 1 0 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	24.00 24.00 22.00 22.00 20.00 26.00 26.00 24.50 26.00 24.50 25.00 25.00 22.00 23.00 23.00 23.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 22.59 24.40 24.51 20.68 21.11 21.08
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK QPSK 16QAM	1 270 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	24.00 24.00 22.00 22.00 22.00 26.00 26.00 24.50 26.00 24.50 25.00 25.00 25.00 22.00 23.00 23.00 23.00 22.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 25.58 22.59 24.40 24.51 20.68 21.11 21.08
n41_SA	100	518598	2592.99	PI/2 BPSK Mode PI/2 BPSK BPSK PI/2 BPSK PI/2 BPSK BPSK PI/2 BPSK BPSK BPSK BPSK BPSK BPSK BPSK BPSK	1 270 1 1 270 1 1 270 1 270 1 270 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.00 24.00 22.00 22.00 22.00 26.00 26.00 24.50 26.00 24.50 25.00 22.00 25.00 22.00 23.00 22.00 23.00 23.00 23.00 22.00 22.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 22.58 22.59 24.40 24.51 20.68 21.11 21.08
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK QPSK 16QAM 64QAM	1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	24.00 24.00 22.00 22.00 22.00 26.00 26.00 24.50 26.00 24.50 25.00 25.00 22.00 22.00 22.00 22.00 22.00 23.00 23.00 22.00 22.00 22.00 22.00 22.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 22.59 24.40 24.51 20.68 21.11 21.08 21.12 20.65 21.11
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK QPSK 16QAM 64QAM	1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	24.00 24.00 22.00 22.00 22.00 26.00 26.00 24.50 26.00 24.50 25.00 25.00 25.00 23.00 23.00 23.00 22.00 22.00 22.00 22.00 22.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 25.58 22.59 24.40 24.51 20.68 21.11 21.08 21.12 20.65 21.11
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM	1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 0 1 0 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	24.00 24.00 22.00 22.00 22.00 26.00 26.00 24.50 26.00 24.50 26.00 24.50 26.00 22.00 23.00 22.00 22.00 23.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 22.59 24.40 24.51 20.68 21.11 21.08 21.12 20.65 21.11
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM	1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	24.00 24.00 22.00 22.00 22.00 26.00 26.00 24.50 26.00 24.50 25.00 25.00 25.00 23.00 23.00 23.00 22.00 22.00 22.00 22.00 22.00	22. 42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 22.59 24.40 24.51 20.68 21.11 21.08 21.12 20.65 21.11 19.11 25.48
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM	1 270 1 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 1 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	24.00 24.00 22.00 22.00 22.00 20.00 26.00 24.50 24.50 25.00 24.50 25.00 22.00 22.00 23.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 22.59 24.40 21.11 21.08 21.12 20.65 21.11 19.11 25.48
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 270 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 0 0 0 0	24.00 24.00 22.00 22.00 22.00 26.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 25.58 22.59 24.40 24.51 20.68 21.11 21.08 21.11 21.08 21.11 21.08 21.11 22.65 23.44 24.51 20.65 24.51 20.65 24.51
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 270 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	24.00 24.00 22.00 22.00 20.00 26.00 24.50 26.00 24.50 25.00 24.50 25.00 22.00 22.00 22.00 22.00 23.00 23.00 22.00 23.00 24.50 24.50 24.50	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 22.59 24.40 24.51 20.68 21.11 21.08 21.12 20.65 21.11 19.11 25.44 25.44 23.19
n41_SA	100			256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1	24.00 24.00 22.00 22.00 22.00 26.00 26.00 24.50 26.00 24.50 25.00 22.00 22.00 22.00 22.00 23.00 22.00 23.00 22.00 22.00 23.00 22.00 24.50 25.00 22.00 23.00 24.50 24.50 25.00 24.50	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 22.59 24.40 24.51 20.68 21.12 20.65 21.11 21.08 21.12 20.65 21.11 21.08 21.12 20.65 21.11 25.44 25.44 23.19 25.48 25.44 23.19
n41_SA	100	518598	2592.99	256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	24.00 24.00 22.00 22.00 22.00 26.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.56 25.58 22.59 24.40 24.51 20.68 21.11 21.08 21.12 20.65 21.11 21.08 21.11 22.64 23.19 25.46 23.19 25.46 23.19 25.46 23.19
n41_SA	100			256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	24.00 24.00 22.00 22.00 22.00 26.00 24.50 26.00 24.50 25.00 25.00 22.00 25.00 26.00 24.50 25.00 26.00	22. 42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 25.58 22.59 24.40 24.51 20.65 21.11 21.08 21.12 20.65 21.11 25.48 25.44 24.51 25.48 25.44 25.44 26.48 27.48 28.49 28.48 29.48
n41_SA	100			256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	24.00 24.00 22.00 22.00 22.00 26.00 26.00 24.50 26.00 24.50 25.00 22.00 23.00 22.00 23.00 22.00 23.00 22.00 23.00 22.00 24.50 25.00 25.00 25.00 25.00 25.00 25.00 22.00 25.00 25.00 25.00 25.00 26.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 22.59 24.40 24.51 20.68 21.11 21.08 21.12 20.65 21.11 19.11 25.44 23.19 25.44 23.19 25.44 24.40 25.44 24.48 25.44 24.51 20.60
n41_SA	100			256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	24.00 24.00 22.00 22.00 22.00 26.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 25.58 22.59 24.40 24.51 20.65 21.11 21.08 21.11 21.08 21.12 20.65 21.11 25.48 25.44 24.51 26.46 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64
n41_SA	100			256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	24.00 24.00 22.00 22.00 22.00 26.00 24.50 24.50 25.00 25.00 25.00 26.00 24.50 25.00 26.00	22. 42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 22.59 24.40 24.51 20.68 21.11 21.08 21.12 20.65 21.11 25.44 25.54 25.54 25.54 25.54 25.54 25.64 24.48 24.51 26.64 24.48 24.51 26.66 22.53
n41_SA	100			256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	24.00 24.00 22.00 22.00 22.00 26.00	22.42 22.90 20.95 20.72 21.17 18.93 25.39 25.59 23.01 25.26 25.58 22.59 24.40 24.51 20.65 21.11 21.08 21.11 21.08 21.12 20.65 21.11 25.48 25.44 24.51 26.46 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64 24.48 22.64





P-sensor off (HPUE)

Band	BW	Channel	Frequency	Mode	ULRB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n41 SA	20	501204	2506.02	PI/2 BPSK	1	11	26.50	25.65
1141_JA	20	518598 534000	2592.99 2670	PI/2 BPSK PI/2 BPSK	1	1	26.50 26.50	25.71 25.90
	BW		Frequency		ULRB	ULRB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(IVIDZ)	502200	2511	PI/2 BPSK	Allocation 1	1	26.50	25.29
n41 SA	30	518598	2592.99	PI/2 BPSK	1	1	26.50	25.34
-		535000	2675	PI/2 BPSK	1	1	26.50	25.54
	BW		Frequency		ULRB	ULRB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		503202	2516.01	PI/2 BPSK	1	1	26.50	25.36
141_SA	40	518598	2592.99	PI/2 BPSK	1	1	26.50	25.40
		534000	2670	PI/2 BPSK	1	1	26.50	25.59
Band	BW	Channel	Frequency	Mode	ULRB	ULRB	Max.Tune-up	Average power
Dullu	(MHz)	1111	(MHz)		Allocation	Offset	(dBm)	(dBm)
		504204	2521.02	PI/2 BPSK	1	1	26.50	25.43
141_SA	50	518598	2592.99	PI/2 BPSK	1	1	26.50	25.48
		532998	2664.99	PI/2 BPSK	1	1	26.50	25.64
Band	BW	Channel	Frequency	Mode	UL RB	ULRB	Max.Tune-up	Average power
	(MHz)	505300	(MHz)	ni /a nncii	Allocation	Offset	(dBm)	(dBm)
A1 CA	60	505200	2526	PI/2 BPSK	1	1	26.50	25.50
141_SA	00	518598	2592.99	PI/2 BPSK	1	11	26.50	25.53
	DIA	531996	2659.98 Frequency	PI/2 BPSK	1	1 III DR	26.50	Average nower
Band	BW (MALI-)	Channel		Mode	UL RB Allocation	UL RB Offcot	Max.Tune-up	Average power
	(MHz)	507204	(MHz) 2536.02	PI/2 BPSK	Allocation	Offset	(dBm) 26.50	(dBm) 25.57
41 SA	70	518598	2536.02 2592.99	PI/2 BPSK	1	1	26.50	25.57
5//	,,,	518598	2649.99	PI/2 BPSK	1	1	26.50	25.59
	BW		Frequency		ULRB	ULRB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	WinZi	507204	2536.02	PI/2 BPSK	Allocation 1	Uriset 1	26.50	25.64
41 SA	80	518598	2592.99	PI/2 BPSK	1	1	26.50	25.64
		529998	2649.99	PI/2 BPSK	1	1	26.50	25.80
	BW		Frequency		ULRB	ULRB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		508200	2541	PI/2 BPSK	1	1	26.50	25.68
41_SA	90	518598	2592.99	PI/2 BPSK	1	1	26.50	25.72
		528996	2644.98	PI/2 BPSK	1	1	26.50	25.87
Band	BW	Channel	Frequency	Mode	ULRB	UL RB	Max.Tune-up	Average power
Dunu	(MHz)	Citatilici	(MHz)	WOOL	Allocation	Offset	(dBm)	(dBm)
					1	1	26.50	25.72
				PI/2 BPSK	1	271	26.50	26.08
					270	0	24.50	23.32
					1	1	26.50	25.70
				QPSK	1	271	26.50	26.09
				-	270	0	24.50	22.84
		509202	2546.01	16QAM	1	1	25.50	24.62
		303202	2340.01	TOUAIVI	270	271	25.50	25.00
					1	1	22.00 24.50	20.82
				64QAM	1	271	24.50	23.28
				0.00	270	0	22.00	21.33
		1			1	1	22.00	21.16
	I		Ī	256QAM	1	271	22.00	21.60
	I		Ī		270	0	20.00	19.33
				1	1	1	26.50	25.78
		1		PI/2 BPSK	1	271	26.50	25.99
	I		Ī	1	270	0	24.50	23.45
		1			1	1	26.50	25.71
		1		QPSK	1	271	26.50	25.95
		1			270	0	24.50	22.97
	1		I .		1	1	25.50	24.76
41_SA	100	518598	2592.99	16QAM	1	271	25.50	24.90
		1		<u> </u>	270	0	22.00	21.06
		1			1	1	22.00	21.50
	I		Ī	64QAM	1	271	22.00	21.51
		1		\vdash	270	0	22.00	21.50
		1		2560484	1	1 271	22.00	21.08
		1		256QAM	270	271	22.00	21.53 19.50
	I			1	270 1	0 1	20.00 26.50	19.50 25.93
	1			PI/2 BPSK	1	271	26.50	25.93
		1		, 2 DI 3K	270	0	24.50	23.58
		1			1	1	26.50	25.87
	1			QPSK	1	271	26.50	25.89
		1			270	0	24.50	23.04
		1			1	1	25.50	24.91
	Ī	528000	2640	16QAM	1	271	25.50	24.90
		1			270	0	22.00	21.04
			Ī		1	1	24.50	22.96
			64QAM <u>1</u>	271	24.50	Z3.Z4		
				64QAM	270	271 0	24.50 23.00	23.24 22.20
				64QAM	_			
				64QAM 256QAM	270	0	23.00	22.20



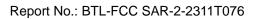


Dord	BW	Charrel	Frequency	Mada	UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		501204	2506.02	PI/2 BPSK	1	1	25.00	24.16
n41_SA	20	518598 534000	2592.99	PI/2 BPSK PI/2 BPSK	1	1	25.00	24.12
	BW		2670 Frequency		UL RB	UL RB	25.00 Max.Tune-up	24.13 Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		502200	2511	PI/2 BPSK	1	1	25.00	24.25
n41_SA	30	518598	2592.99	PI/2 BPSK	1	1	25.00	24.21
	DVA	535000	2675	PI/2 BPSK	1	1	25.00	24.23
Band	BW (MHz)	Channel	Frequency	Mode	UL RB	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
	(IVIHZ)	503202	(MHz) 2516.01	PI/2 BPSK	Allocation 1	1	25.00	24.32
n41_SA	40	518598	2592.99	PI/2 BPSK	1	1	25.00	24.27
		534000	2670	PI/2 BPSK	1	1	25.00	24.23
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n41_SA	50	504204 518598	2521.02 2592.99	PI/2 BPSK PI/2 BPSK	1	1	25.00 25.00	24.39 24.35
1141_3/4	30	532998	2664.99	PI/2 BPSK	1	1	25.00	24.28
Dd	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		505200	2526	PI/2 BPSK	1	1	25.00	24.46
n41_SA	60	518598	2592.99	PI/2 BPSK	1	1	25.00	24.40
	D)4/	531996	2659.98	PI/2 BPSK	1	1	25.00	24.34
Band	BW (NAUL-)	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	507204	(MHz) 2536.02	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 25.00	(dBm) 24.53
n41_SA	70	518598	2592.99	PI/2 BPSK	1	1	25.00	24.46
		529998	2649.99	PI/2 BPSK	1	1	25.00	24.48
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average powe
Danu	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
- 44		507204	2536.02	PI/2 BPSK	1	1	25.00	24.60
n41_SA	80	518598	2592.99	PI/2 BPSK	1	1	25.00	24.51
	BW	529998	2649.99 Frequency	PI/2 BPSK	UL RB	UL RB	25.00 Max.Tune-up	24.44
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	Average powe (dBm)
	(101112)	508200	2541	PI/2 BPSK	1	1	25.00	24.64
n41_SA	90	518598	2592.99	PI/2 BPSK	1	1	25.00	24.59
		528996	2644.98	PI/2 BPSK	1	1	25.00	24.51
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average powe
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
				PI/2 BPSK	1	271	25.00	24.68 24.61
				FI/Z BF3K	270	0	25.00 24.50	24.01
					1	1	25.00	24.78
				QPSK	1	271	25.00	24.76
					270	0	24.50	24.43
					1	1	24.00	23.57
		509202	2546.01	16QAM	1	271	24.00	23.60
					270	0	23.00	22.76
				64QAM	1	271	23.00 23.00	22.63 22.67
				0.00	270	0	22.00	21.67
					1	1	22.00	21.57
				256QAM	1	271	22.00	21.53
				1	270	0	21.00	20.69
				01/2	1	1	25.00	24.65
				PI/2 BPSK	1 270	271	25.00	24.58
				—	270 1	0 1	24.50 25.00	24.26 24.83
				QPSK	1	271	25.00	24.83
					270	0	24.50	24.44
					1	1	24.00	23.62
n41_SA	100	518598	2592.99	16QAM	1	271	24.00	23.57
					270	0	23.00	22.73
				64QAM	1	271	23.00	22.62
				04QAIVI	270	271	23.00	22.64
					1	1	22.00	21.54
				256QAM	1	271	22.00	21.50
					270	0	21.00	20.66
				l	1	1	25.00	24.57
				PI/2 BPSK	1	271	25.00	24.51
				—	270	0	24.50	24.20
				QPSK	1	271	25.00	24.79
				QP3N	270	271 0	25.00 24.50	24.71 24.44
					1	1	24.00	23.54
		528000	2640	16QAM	1	271	24.00	23.49
					270	0	23.00	22.65
					1	1	23.00	22.52
		64QAM 1						
				64QAM	1	271	23.00	22.56
				64QAM	1 270	271 0	23.00 22.00	21.56
				64QAM 256QAM	1	271	23.00	



NR n48 MAIN

<u> </u>								
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	627000	(MHz)	DI /2 DDCI/	Allocation	Offset	(dBm)	(dBm)
n48_SA	10	637000	3555	PI/2 BPSK	1	1	21.50	20.99
_	10	641666	3624.99	PI/2 BPSK	1	1	21.50	21.10
		646332	3694.98	PI/2 BPSK	1	1	21.50	20.82
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n48_SA	20	637334	3560.01	PI/2 BPSK	1	1	21.50	21.04
		641666	3624.99	PI/2 BPSK	1	1	21.50	21.18
		646000	3690	PI/2 BPSK	1	1	21.50	20.87
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
n48_SA	(MHz) 30	Criarine	(MHz)	mode	Allocation	Offset	(dBm)	(dBm)
		637668	3565.02	PI/2 BPSK	1	1	21.50	21.09
		641666	3624.99	PI/2 BPSK	1	1	21.50	21.22
		645666	3684.99	PI/2 BPSK	1	1	21.50	20.97
Band	BW	Channel	Frequency	y Mode	UL RB	UL RB	Max.Tune-up	Average power
Ballu	(MHz)	Chainei	(MHz)	Widde	Allocation	Offset	(dBm)	(dBm)
n48_SA		638000 641666	3570 3624.99	PI/2 BPSK	1	1	21.50	21.16
					1	104	21.50	21.12
					100	0	21.00	20.55
				QPSK	1	1	21.50	21.10
					1	104	21.50	21.09
					100	0	21.00	20.17
				16QAM	1	1	21.00	20.05
					1	104	21.00	20.24
					100	0	20.00	19.19
				64QAM	1	1	20.00	18.67
					1	104	20.00	18.69
					100	0	19.00	18.55
						1		
				256QAM	1		17.00	16.68
					1	104	17.00	16.61
					100	0	17.00	16.67
				PI/2 BPSK	1	1	21.50	21.28
					1	104	21.50	21.32
					100	0	21.00	20.63
					1	1	21.50	21.26
				QPSK	1	104	21.50	21.14
					100	0	21.00	20.12
				16QAM	1	1	21.00	20.35
	40				1	104	21.00	20.19
					100	0	20.00	19.15
				64QAM	1	1	20.00	18.73
					1	104	20.00	18.72
					100	0	19.00	18.64
				256QAM	1	1	17.00	16.71
					1	104	17.00	16.59
					100	0	17.00	16.64
			3679.98	PI/2 BPSK	1	1	21.50	21.19
					1	104	21.50	21.02
					100	0	21.00	20.77
				QPSK	1	1	21.50	21.08
		645332			1	104	21.50	20.98
					100	0	21.00	20.22
				16QAM	1	1	21.00	20.23
					1	104	21.00	20.30
					100	0	20.00	19.18
				64QAM	1	1	20.00	18.72
					1	104	20.00	18.57
					100	0		
				256QAM	100	1	19.00	18.68
							17.00	16.67
					100	104 0	17.00 17.00	16.67 16.27





P-sensor on

	D) 1/		l -			111.00		
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	637000	(MHz) 3555	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 20.50	(dBm) 20.06
n48_SA	10	641666	3624.99	PI/2 BPSK	1	1	20.50	20.06
	1 20	646332	3694.98	PI/2 BPSK	1	1	20.50	19.98
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
n40 CA		637334	3560.01	PI/2 BPSK	1	1	20.50	20.13
n48_SA	20	641666	3624.99	PI/2 BPSK	1	1	20.50	20.11
		646000	3690	PI/2 BPSK	1	1	20.50	20.04
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dana	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n48 SA		637668	3565.02	PI/2 BPSK	1	1	20.50	20.17
	30	641666	3624.99	PI/2 BPSK	1	1	20.50	20.19
		645666	3684.99	PI/2 BPSK	1	1	20.50	20.11
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
				PI/2 BPSK	1	1 104	20.50 20.50	20.21 20.14
				FI/Z BF3K	100	0	20.00	19.76
					1	1	20.50	20.41
				QPSK	1	104	20.50	20.41
				Q. 3	100	0	20.00	19.86
					1	1	19.50	19.18
		638000	3570	16QAM	1	104	19.50	19.13
					100	0	18.50	18.29
					1	1	18.50	18.16
				64QAM	1	104	18.50	18.20
					100	0	17.50	17.20
					1	1	17.50	17.10
				256QAM	1	104	17.50	17.06
					100	0	16.50	16.22
					1	1	20.50	20.25
				PI/2 BPSK	1	104	20.50	20.21
					100	0	20.00	19.78
				ODCK	1	1	20.50	20.45
				QPSK	100	104	20.50	20.41
					100	0 1	20.00	20.89
n48_SA	40	641666	3624.99	16QAM	1	104	19.50 19.50	19.22 19.17
	40	041000	3024.33	100,4101	100	0	18.50	18.33
					1	1	18.50	18.25
				64QAM	1	104	18.50	18.24
					100	0	17.50	17.24
					1	1	17.50	17.14
				256QAM	1	104	17.50	17.10
					100	0	16.50	16.26
	l				1	1	20.50	20.17
	1			PI/2 BPSK	1	104	20.50	20.14
	1				100	0	20.00	19.63
	1				1	1	20.50	20.42
				QPSK	1	104	20.50	20.35
					100	0	20.00	19.78
		645333	2670.00	45044	1	1	19.50	19.14
	l	645332	3679.98	16QAM	1	104	19.50	19.09
					100	0	18.50	18.25
				640444	1	1	18.50	18.12
	l			64QAM	1 100	104	18.50	18.16
					100	0	17.50	17.16
				256QAM	1	104	17.50	17.06
	l			ZJOQAIVI	100	104	17.50	17.02
			<u> </u>		100	0	16.50	16.18





NR n48 MIMO

P-sensor off

Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	up	(dBm)
n48_SA	40	637000	3555	PI/2 BPSK	1	1	21.50	20.82
_	10	641666	3624.99	PI/2 BPSK	1	1	21.50	20.93
		646332	3694.98	PI/2 BPSK	1	1	21.50	20.65
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	gu	(dBm)
n48_SA	20	637334	3560.01	PI/2 BPSK	1	1	21.50	20.87
	20	641666	3624.99	PI/2 BPSK	1	1	21.50	21.01
	D14/	646000	3690	PI/2 BPSK	1	1	21.50	20.70
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)	637668	(MHz) 3565.02	PI/2 BPSK	Allocation 1	Offset 1	up 21.50	(dBm) 21.09
n48_SA	30	641666	3624.99	PI/2 BPSK	1	1	21.50	21.09
	30	645666	3684.99	PI/2 BPSK	1	1	21.50	20.97
	BW		Frequency		UL RB	UL RB	Max.Tune-	
Band	(MHz)	Channel	(MHz)	Mode		Offset		Average power
	(IVITZ)		(IVITZ)		Allocation 1	1	up 21.50	(dBm) 20.99
				PI/2 BPSK	1	104	21.50	20.95
l	1			, _ 51 51	100	0	21.00	20.38
ĺ	l				1	1	21.50	20.93
ĺ	l			QPSK	1	104	21.50	20.92
l	1			~~~	100	0	21.00	20.00
l	1				1	1	20.50	19.88
		638000	3570	16QAM	1	104	20.50	20.07
					100	0	19.50	19.02
					1	1	19.50	18.50
				64QAM	1	104	19.50	18.52
					100	0	19.00	18.38
					1	1	17.50	16.51
				256QAM	1	104	17.50	16.44
					100	0	17.00	16.50
					1	1	21.50	21.11
				PI/2 BPSK	1	104	21.50	21.15
					100	0	21.00	20.46
					1	1	21.50	21.09
				QPSK	1	104	21.50	20.97
					100	0	21.00	19.95
n48 SA					1	1	20.50	20.18
	40	641666	3624.99	16QAM	1	104	20.50	20.02
l	1				100	0	19.50	18.98
	1			l	1	1	19.50	18.56
ĺ	l			64QAM	1	104	19.50	18.55
	1				100	0	19.00	18.47
l	1			2566	1	1	17.50	16.54
l	1			256QAM	1	104	17.50	16.42
l	1			ļ	100	0	17.00	16.47
l	1			חולם חחכוי	1	1	21.50	21.02
ĺ	l			PI/2 BPSK	100	104	21.50	20.85
	l				100	0	21.00	20.60
ĺ	l			QPSK	1	1	21.50	20.91
ĺ				UPSK	1 100	104 0	21.50	20.81
ĺ	l				100	1	21.00 20.50	20.05
l	1	645332	3679.98	16QAM	1	104	20.50	20.06 20.13
l	1	0-3332	3073.30	IOQAIVI	100	0	19.50	19.01
	l				100	1	19.50	18.55
l	1			64QAM	1	104	19.50	18.40
ĺ	l]	100	0	19.00	18.51
	1			-	100	1	17.50	16.50
l	1			256QAM	1	104	17.50	16.50
	l				100	0	17.00	16.10
					100		17.00	10.10





P-sensor on

BW BW		F4000000000		UL RB	UL RB	Man Tuna	A
Band Bvv (MHz)	Channel	Frequency (MHz)	Mode	Allocation	Offset	Max.Tune- up	Average power (dBm)
	637000	3555	PI/2 BPSK	1	1	20.50	20.06
1148 SA	641666	3624.99	PI/2 BPSK	1	1	20.50	20.03
_	646332	3694.98	PI/2 BPSK	1	1	20.50	20.00
D\A/		Frequency		UL RB	UL RB	Max.Tune-	Average power
Band (MHz)	Channel	(MHz)	Mode	Allocation	Offset	un	(dBm)
	637334	3560.01	PI/2 BPSK	1	1	20.50	20.13
	641666	3624.99	PI/2 BPSK	1	1	20.50	20.08
_	646000	3690	PI/2 BPSK	1	1	20.50	20.06
R\M/		Frequency		UL RB	UL RB	Max.Tune-	Average power
Band (MHz)	Channel	(MHz)	Mode	Allocation	Offset	up	(dBm)
	637668	3565.02	PI/2 BPSK	1	1	20.50	20.17
n48_SA 30	641666	3624.99	PI/2 BPSK	1	1	20.50	20.16
	645666	3684.99	PI/2 BPSK	1	1	20.50	20.13
Band BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
(MHz)	Chamilei	(MHz)	Widde	Allocation	Offset	up	(dBm)
				1	1	20.50	20.21
			PI/2 BPSK	1	104	20.50	20.09
				100	0	20.00	19.78
				1	1	20.50	20.34
			QPSK	1	104	20.50	20.31
				100	0	20.00	19.75
				1	1	19.50	19.18
	638000	3570	16QAM	1	104	19.50	19.13
				100	0	18.50	18.29
				1	1	18.50	18.16
			64QAM	1	104	18.50	18.20
				100	0	17.50	17.20
				1	1	17.50	17.10
			256QAM	1	104	17.50	17.06
				100	0	16.50	16.22
			DI /2 DDCI/	1	1	20.50	20.22
			PI/2 BPSK	1	104	20.50	20.09
				100	0	20.00	19.77
			ODCI	1	1	20.50	20.39
			QPSK	1	104	20.50	20.36
				100	0	20.00	19.78
n48_SA 40	641666	3624.99	16QAM	1	1	19.50	19.19
40	041000	3024.99	IOQAIVI	1 100	104	19.50	19.14
				100	0 1	18.50 18.50	18.30 18.13
			64QAM	1	104	18.50	18.21
			3-Q/ 11VI	100	0	17.50	17.21
				100	1	17.50	17.11
			256QAM	1	104	17.50	17.07
				100	0	16.50	16.23
				1	1	20.50	20.19
			PI/2 BPSK	1	104	20.50	20.14
			,	100	0	20.00	19.65
				1	1	20.50	20.36
			QPSK	1	104	20.50	20.33
				100	0	20.00	19.69
				1	1	19.50	19.16
	645332	3679.98	16QAM	1	104	19.50	19.11
				100	0	18.50	18.27
				1	1	18.50	18.14
			64QAM	1	104	18.50	18.18
				100	0	17.50	17.18
1 1		1		-1	1	17 FO	17.08
				1		17.50	17.06
			256QAM	1	104	17.50	17.04





NR n66 MAIN

P-sensor off

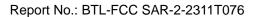
			I -					
Band	BW (NAUL-)	Channel	Frequency	Mode	UL RB	UL RB Offset	Max.Tune-up	Average power
	(MHz)	342500	(MHz) 1712.5	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 24.00	(dBm) 23.19
n66_SA	5	349000	1745	PI/2 BPSK	1	1	24.00	23.20
		355500	1777.5	PI/2 BPSK	1	1	24.00	23.26
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Banu	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		343000	1715	PI/2 BPSK	1	1	24.00	23.25
n66_SA	10	349000	1745	PI/2 BPSK	1	1	24.00	23.28
		355000	1775	PI/2 BPSK	1	1	24.00	23.33
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
66 .64	45	343500	1717.5	PI/2 BPSK	1	1	24.00	23.30
n66_SA	15	349000	1745	PI/2 BPSK	1	1 1	24.00	23.36
	BW	354500	1772.5	PI/2 BPSK	UL RB		24.00	23.38
Band		Channel	Frequency (MHz)	Mode	Allocation	UL RB	Max.Tune-up (dBm)	Average power
	(MHz)	344000	1720	PI/2 BPSK	Allocation	Offset 1	24.00	(dBm) 23.34
n66_SA	20	349000	1745	PI/2 BPSK	1	1	24.00	23.41
		354000	1770	PI/2 BPSK	1	1	24.00	23.45
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	11411121	345000	1725	PI/2 BPSK	1	1	24.00	23.39
n66_SA	30	349000	1745	PI/2 BPSK	1	1	24.00	23.45
		353000	1765	PI/2 BPSK	1	1	24.00	23.50
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dariu	(MHz)	Chainlei	(MHz)	ivioue	Allocation	Offset	(dBm)	(dBm)
					1	1	24.00	23.46
				PI/2 BPSK	1	214	24.00	23.51
					216	0	23.50	23.16
					1	11	24.00	23.57
				QPSK	1	214	24.00	23.75
					216	0		22.72
		346000	1730	16QAM	1	1	23.00	22.59
		346000	1/30	IBQAIVI	1 216	214	23.00	22.80
					216	0 1	22.00	21.73
				64QAM	1	214	22.00 22.00	21.24
				04QAIVI	216	0	21.50	21.33 21.28
					1	1	20.00	19.04
				256QAM	1	214	20.00	19.15
					216	0	20.00	19.32
					1	1	24.00	23.51
				PI/2 BPSK	1	214	24.00	23.61
					216	0	23.50	23.19
					1	1	24.00	23.70
				QPSK	1	214	24.00	23.79
					216	0	23.50	22.70
					1	1	23.00	22.79
n66_SA	40	349000	1745	16QAM	1	214	23.00	22.87
					216	0	22.00	21.81
		1			1	1	22.00	21.34
				64QAM	1	214	22.00	21.38
				ļ	216	0	21.50	21.39
				256QAM	1	1 214	20.00	19.14
		1		230QAIVI	216	214	20.00	19.12
					216	0	20.00	19.38
				PI/2 BPSK	1	1 214	24.00 24.00	23.55 23.61
				11/20131	216	0	23.50	23.17
		1			1	1	24.00	23.73
		1		QPSK	1	214	24.00	23.82
					216	0	23.50	22.68
					1	1	23.00	22.75
		352000	1760	16QAM	1	214	23.00	22.95
				,	216	0	22.00	21.83
					1	1	22.00	21.29
				64QAM	1	214	22.00	21.50
					216	0	21.50	21.28
					1	1	20.00	19.23
			I	256QAM	1	214	20.00	19.18





P-sensor on

Band	BW (NALL-)	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	342500	(MHz) 1712.5	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 19.00	(dBm) 18.13
n66 SA	5	342300	1712.5	PI/2 BPSK	1	1	19.00	18.16
1100_3/4	3	355500	1777.5	PI/2 BPSK	1	1	19.00	18.20
	RW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(1911 12)	343000	1715	PI/2 BPSK	1	1	19.00	18.22
n66_SA	10	349000	1745	PI/2 BPSK	1	1	19.00	18.25
-		355000	1775	PI/2 BPSK	1	1	19.00	18.36
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	,,	343500	1717.5	PI/2 BPSK	1	1	19.00	18.43
n66_SA	15	349000	1745	PI/2 BPSK	1	1	19.00	18.44
		354500	1772.5	PI/2 BPSK	1	1	19.00	18.52
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Бапо	(MHz)	Channel	(MHz)	iviode	Allocation	Offset	(dBm)	(dBm)
		344000	1720	PI/2 BPSK	1	1	19.00	18.50
n66_SA	20	349000	1745	PI/2 BPSK	1	1	19.00	18.55
		354000	1770	PI/2 BPSK	1	1	19.00	18.62
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
bariu	(MHz)	Chamilei	(MHz)	Wiode	Allocation	Offset	(dBm)	(dBm)
		345000	1725	PI/2 BPSK	1	1	19.00	18.63
n66_SA	30	349000	1745	PI/2 BPSK	1	1	19.00	18.69
		353000	1765	PI/2 BPSK	1	1	19.00	18.61
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dana	(MHz)	Chamie	(MHz)	Wiode	Allocation	Offset	(dBm)	(dBm)
					1	1	19.00	18.65
				PI/2 BPSK	1	214	19.00	18.61
					216	0	18.50	18.32
					1	1	19.00	18.85
				QPSK	1	214	19.00	18.81
					216	0	18.50	18.42
					1	1	18.00	17.62
		346000	1730	16QAM	1	214	18.00	17.57
					216	0	17.00	16.73
					1	1	17.00	16.60
				64QAM	1	214	17.00	16.64
					216	0	16.00	15.64
					1	1	16.00	15.54
				256QAM	1	214	16.00	15.50
					216	0	15.00	14.66
					1	1	19.00	18.69
				PI/2 BPSK	1	1 214	19.00 19.00	18.69 18.63
				PI/2 BPSK	1 1 216	1 214 0	19.00	18.69 18.63 18.21
					1 1 216 1	1 214 0 1	19.00 19.00 18.50 19.00	18.69 18.63 18.21 18.96
				PI/2 BPSK QPSK	1 1 216 1	1 214 0 1 214	19.00 19.00 18.50 19.00 19.00	18.69 18.63 18.21 18.96 18.92
					1 1 216 1 1 216	1 214 0 1 214 0	19.00 19.00 18.50 19.00 19.00 18.50	18.69 18.63 18.21 18.96 18.92 18.48
	40	340000	47	QPSK	1 1 216 1 1 216 1	1 214 0 1 214 0	19.00 19.00 18.50 19.00 19.00 18.50 18.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66
n66_SA	40	349000	1745		1 216 1 1 216 1 216	1 214 0 1 214 0 1 214	19.00 19.00 18.50 19.00 19.00 18.50 18.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66
n66_SA	40	349000	1745	QPSK	1 216 1 1 216 1 216 1 1 216	1 214 0 1 214 0 1 214 0	19.00 19.00 18.50 19.00 19.00 18.50 18.00 18.00 17.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61
n66_SA	40	349000	1745	QPSK 16QAM	1 216 1 216 1 216 1 1 216 1	1 214 0 1 214 0 1 214 0	19.00 19.00 18.50 19.00 19.00 18.50 18.00 18.00 17.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.77
n66_SA	40	349000	1745	QPSK	1 216 1 216 1 216 1 1 216 1 1	1 214 0 1 214 0 1 214 0 1 214 0	19.00 19.00 18.50 19.00 19.00 18.50 18.00 18.00 17.00 17.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.77 16.67
n66_SA	40	349000	1745	QPSK 16QAM	1 1 216 1 1 216 1 1 216 1 1 216 1 1 216	1 214 0 1 214 0 1 214 0 1 214 0	19.00 19.00 18.50 19.00 19.00 18.50 18.00 17.00 17.00 17.00 16.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.77 16.67 16.68
n66_SA	40	349000	1745	QPSK 16QAM 64QAM	1 1 216 1 1 216 1 216 1 216 1 1 216	1 214 0 1 214 0 1 214 0 1 214 0 1	19.00 19.00 18.50 19.00 19.00 18.50 18.00 17.00 17.00 17.00 17.00 16.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.77 16.67 16.68 15.68
n66_SA	40	349000	1745	QPSK 16QAM	1 1 216 1 1 216 1 1 216 1 1 216 1 1 1 1	1 214 0 1 214 0 1 214 0 1 214 0 1 214 0	19.00 19.00 18.50 19.00 19.00 19.00 18.50 18.00 17.00 17.00 17.00 16.00 16.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.77 16.67 16.68 15.68 15.58
n66_SA	40	349000	1745	QPSK 16QAM 64QAM	1 1 216 1 216 1 216 1 1 216 1 1 216 1 1 216 1 1 216	1 214 0 1 214 0 1 214 0 1 214 0 1 214 0 0	19.00 19.00 18.50 19.00 19.00 18.50 18.00 18.00 17.00 17.00 16.00 16.00 15.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.77 16.67 16.68 15.68 15.58 15.54
n66_SA	40	349000	1745	QPSK 16QAM 64QAM 256QAM	1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1	1 214 0 1 214 0 1 214 0 1 214 0 1 214 0	19.00 19.00 18.50 19.00 19.00 18.50 18.00 18.00 17.00 17.00 17.00 16.00 16.00 16.00 15.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.67 16.67 16.68 15.58 15.58 15.54 14.70 18.75
n66_SA	40	349000	1745	QPSK 16QAM 64QAM	1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 1 216 1 1 1 216 1 1 216 1 1 216 1 1 216 1 2 1 2	1 214 0 1 214 0 1 214 0 1 214 0 1 214 0 0 1 214 0 0 1 214 0 1 214 0 1 214 0 1 1 214 0 1 1 214 0 1 1 214 0 1 1 214 0 1 1 214 0 1 1 214 0 1 1 214 0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	19.00 19.00 18.50 19.00 19.00 18.50 18.00 18.00 17.00 17.00 16.00 16.00 16.00 15.00 19.00 19.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.77 16.67 16.68 15.68 15.58 15.54 14.70 18.75
n66_SA	40	349000	1745	QPSK 16QAM 64QAM 256QAM	1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1	1 214 0 1 214 0 1 1 214 0 1 214 0 0 1 214 0 0 1 214 0 0 1 214 0 0 1 214 0 0 1 214 0 0 1 214 0 0 1 1 214 0 0 1 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0	19.00 19.00 18.50 19.00 19.00 18.50 18.00 18.00 17.00 17.00 16.00 16.00 15.00 19	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.77 16.67 16.68 15.68 15.58 15.54 14.70 18.75 18.73
n66_SA	40	349000	1745	QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 216 1 1 216 1 1 1 216 1 1 1 216 1 1 1 1	1 214 0 0 1 214 0 0 1 214 0 0 1 214 0 1 214 0 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	19.00 19.00 18.50 19.00 19.00 18.50 18.00 18.00 17.00 17.00 17.00 16.00 16.00 16.00 19	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.67 16.67 15.58 15.58 15.54 14.70 18.75 18.73 18.28
n66_SA	40	349000	1745	QPSK 16QAM 64QAM 256QAM	1 1 216 1 1 216 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 1 216 1 1 1 216 1 1 1 216 1 1 1 216 1 1 216 1 1 216 1 2 1 2	1 214 0 0 1 214 0 1 214 0 1 214 0 1 1 214 0 1 214 0 0 1 1 214 0 1 1 214 0 1 1 214 0 1 1 214 0 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	19.00 19.00 18.50 19.00 19.00 18.50 18.00 18.00 17.00 17.00 17.00 16.00 16.00 16.00 19.00 19.00 19.00 19.00 19.00 19.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.67 16.68 15.58 15.54 14.70 18.75 18.73 18.28 18.88
n66_SA	40	349000	1745	QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 216 1 1 216 1 1 1 216 1 1 1 216 1 1 1 1	1 214 0 1 214 0 1 1 214 0 1 1 214 0 0 1 1 214 0 0 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 1 2 1 0 0 1 0 1 0 0 1 0 0 1 0 0 0 0	19.00 19.00 19.00 19.00 19.00 18.50 18.00 18.00 17.00 17.00 17.00 16.00 16.00 15.00 19.00 19.00 18.50 19.00 19.00 18.50	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.77 16.67 16.68 15.68 15.58 15.54 14.70 18.75 18.73 18.28 18.88 18.86
n66_SA	40			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 1 216 1 1 216 1 1 216 1 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 1 216 1 1 1 216 1 1 1 216 1 1 1 216 1 1 1 216 1 1 1 216 1 2 1 2	1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 0 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	19.00 19.00 19.00 19.00 19.00 19.00 18.50 18.50 18.00 18.00 17.00 17.00 17.00 16.00 16.00 16.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 18.50 19.00 18.50 18.50 18.00	18.69 18.63 18.21 18.96 18.92 18.98 18.98 17.66 17.61 16.67 16.68 15.58 15.58 15.54 14.70 18.75 18.73 18.28 18.88 18.86 18.84 17.72
n66_SA	40	349000 352000	1745	QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 216 1 1 216 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 1 216 1 1 216 1 1 216 1 1 216 1 2 2 2 2	1 214 0 1 214 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 1 214 0 0 1 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	19.00 19.00 19.00 19.00 19.00 18.50 18.50 18.00 18.50 18.00 17.00 17.00 17.00 16.00 16.00 16.00 19.00 19.00 19.00 19.00 19.00 19.00 19.00 18.50 18.50 18.50 18.50 18.50 18.50 18.50	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.77 16.67 16.68 15.58 15.54 14.70 18.75 18.73 18.28 18.86 18.44 17.72 17.67
n66_SA	40			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 1 216 1 1 216 1 1 216 1 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 1 216 1 1 1 216 1 1 1 216 1 1 1 216 1 1 1 216 1 1 1 216 1 2 1 2	1 214 0 1 214 0 1 214 0 1 1 214 0 0 1 1 214 0 0 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 1 0	19.00 19.00 19.00 19.00 19.00 19.00 18.50 18.50 18.00 17.00 17.00 17.00 16.00 16.00 16.00 19.00 19.00 18.50 19.00 19.00 18.50 19.00 18.50 19.00 18.50 19.00 18.50 19.00 18.50 19.00 18.50 19.00 18.50 19.00 18.50 19.00 18.50 19.00 18.50	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.77 16.67 16.68 15.58 15.54 14.70 18.75 18.73 18.28 18.88 18.86 18.44 17.72 17.67
n66_SA	40			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	1 1 216 1 1 216 1 1 1 216 1 1 1 216 1 1 1 1	1 214 0 0 1 1 2214 0 1 1 22	19.00 19.00 19.00 19.00 19.00 19.00 18.50 18.50 18.00 18.00 17.00 17.00 17.00 16.00 16.00 16.00 19.00 19.00 19.00 19.00 18.50 19.00 18.50 19.00 18.50 18.00 18.50 18.00 18.70 18.70 18.70 18.70 18.70 19.70 19.70 19.70	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.67 16.67 16.68 15.58 15.58 15.54 14.70 18.75 18.73 18.28 18.88 18.86 18.44 17.72 17.67 16.83 16.70
n66_SA	40			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 1 216 1 1 216 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 2 2 2 2	1 214 0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	19.00 19.00 19.00 19.00 19.00 19.00 18.50 18.00 18.00 17.00 17.00 17.00 16.00 16.00 16.00 19.00 19.00 19.00 19.00 19.00 18.50 19.00 19.00 18.50 19.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.67 16.67 16.68 15.58 15.54 14.70 18.75 18.73 18.28 18.86 18.44 17.72 17.67
n66_SA	40			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 2 2 2 2	1 214 0 1 214 0 1 1 214 0 1 1 214 0 1 1 214 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 1 1 214 0 0 0 1 1 214 0 0 0 1 1 214 0 0 0 1 1 214 0 0 0 1 1 214 0 0 0 1 1 214 0 0 0 1 1 214 0 0 0 0 1 1 214 0 0 0 0 1 1 214 0 0 0 0 1 1 214 0 0 0 0 1 1 214 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	19.00 19.00 19.00 19.00 19.00 19.00 18.50 18.00 18.00 17.00 17.00 16.00 16.00 16.00 19.00 19.00 18.50 19.00 19.00 18.50 19.00 18.50 19.00 17.00 18.50 19.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.67 16.67 16.68 15.68 15.58 15.54 14.70 18.75 18.73 18.28 18.88 18.86 18.44 17.72 17.67 16.83 16.70
n66_SA	40			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	1 1 216 1 1 216 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 1 216 1 2 2 2 2	1 214 0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	19.00 19.00 19.00 19.00 19.00 19.00 18.50 18.00 18.00 17.00 17.00 17.00 16.00 16.00 16.00 19.00 19.00 19.00 19.00 19.00 18.50 19.00 19.00 18.50 19.00	18.69 18.63 18.21 18.96 18.92 18.48 17.66 17.61 16.67 16.67 16.68 15.58 15.54 14.70 18.75 18.73 18.28 18.86 18.44 17.72 17.67





NR n70 MIMO

P-sensor off

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
		339500	1697.5	PI/2 BPSK	1	1	23.00	22.09
n70_SA	5	340500	1702.5	PI/2 BPSK	1	1	23.00	22.04
		341500	1707.7	PI/2 BPSK	1	1	23.00	22.28
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
		340000	1700	PI/2 BPSK	1	1	23.00	22.15
n70_SA	10	340500	1702.5	PI/2 BPSK	1	1	23.00	22.12
		341000	1705	PI/2 BPSK	1	1	23.00	22.35
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
				D. /2 D.D.C./	1	1	23.00	22.29
				PI/2 BPSK	1	77	23.00	22.53
					75	0	22.50	21.89
					1	1	23.00	22.02
				QPSK	1	77	23.00	22.10
					75	0	22.50	21.37
					1	1	22.00	21.35
n70_SA	15	340500	1702.5	16QAM	1	77	22.00	21.40
					75	0	21.00	20.48
					1	1	21.00	19.82
				64QAM	1	77	21.00	19.78
					75	0	20.00	19.82
					1	1	18.00	17.82
				256QAM	1	77	18.00	17.97
					75	0	18.00	17.85

P-sensor on

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
		339500	1697.5	PI/2 BPSK	1	1	22.00	21.56
n70_SA	5	340500	1702.5	PI/2 BPSK	1	1	22.00	21.60
		341500	1707.7	PI/2 BPSK	1	1	22.00	21.66
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Max.Tune-up (dBm)
	(141112)	340000	1700	PI/2 BPSK	1	1	22.00	21.60
n70 SA	10	340500	1702.5	PI/2 BPSK	1	1	22.00	21.68
_		341000	1705	PI/2 BPSK	1	1	22.00	21.63
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up	Average power (dBm)
	(1411.12)		(101112)		1	1	22.00	21.64
				PI/2 BPSK	1	77	22.00	21.61
					75	0	21.50	21.32
					1	1	22.00	21.75
				QPSK	1	77	22.00	21.73
					75	0	21.50	21.36
					1	1	21.00	20.61
n70_SA	15	340500	1702.5	16QAM	1	77	21.00	20.56
					75	0	20.00	19.72
		l			1	1	20.00	19.59
		l		64QAM	1	77	20.00	19.63
		l			75	0	19.00	18.63
		l			1	1	19.00	18.53
		l		256QAM	1	77	19.00	18.49
					75	0	18.00	17.65



NR n71 MAIN

P-sensor off

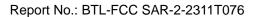
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dana	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
		133100	665.5	PI/2 BPSK	1	1	24.00	23.57
n71_SA	5	136100	680.5	PI/2 BPSK	1	1	24.00	23.52
		139100	695.5	PI/2 BPSK	1	1	24.00	23.61
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Barra	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
		133600	668	PI/2 BPSK	1	1	24.00	23.63
n71_SA	10	136100	680.5	PI/2 BPSK	1	1	24.00	23.60
		138600	693	PI/2 BPSK	1	1	24.00	23.68
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
7 7	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
		134100	670.5	PI/2 BPSK	1	1	24.00	23.68
n71_SA	15	136100	680.5	PI/2 BPSK	1	1	24.00	23.68
		138100	690.5	PI/2 BPSK	1	1	24.00	23.73
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Barra	(MHz)	Chamilei	(MHz)	IVIOUC	Allocation	Offset	(dBm)	(dBm)
					1	1	24.00	23.72
				PI/2 BPSK	1	104	24.00	23.64
		1	l		100	0	23.50	23.36
	1	İ	l		1	1	24.00	23.78
		1	l	QPSK	1	104	24.00	23.74
		1	l		100	0	23.50	22.84
	1	İ	l		1	1	23.00	22.87
		134600	673	16QAM	1	104	23.00	22.85
					100	0	22.00	21.90
					1	1	22.00	21.54
				64QAM	1	104	22.00	21.41
					100	0	21.50	21.34
					1	1	21.00	19.29
				256QAM	1	104	21.00	19.30
					100	0	19.00	17.89
					1	1	24.00	23.73
				PI/2 BPSK	1	104	24.00	23.61
				11/2 01 31	100	0	23.50	23.31
					1	1	24.00	23.84
				QPSK	1	104	24.00	23.83
				QF 3K				
					100 1	0 1	23.50 23.00	22.82 22.88
n71 SA	20	136100	680.5	16QAM	1	104		
1171_5/4	20	130100	000.5	100,4141			23.00	22.88
	1	İ	l	-	100	0 1	22.00	21.85
	1	İ	l	64QAM	1		22.00	21.61
	1	İ	l	04QAIVI	100	104	22.00	21.45
	1	İ	l	-	100	0	21.50	21.35
		1	l	256QAM	1	104	21.00	19.19
		1	l	236QAIVI	1 100	104	21.00	19.25
		-	-		100	0	19.00	17.91
		1	l	DI /2 DDCI	1	1	24.00	23.80
	l		ĺ	PI/2 BPSK	1	104	24.00	23.50
	l		ĺ		100	0	23.50	23.26
	l		ĺ	ODEK	1	11	24.00	23.91
	l		ĺ	QPSK	1	104	24.00	23.57
	l		ĺ		100	0	23.50	22.85
	l		l	l	1	1	23.00	22.92
	l	137600	688	16QAM	1	104	23.00	22.64
		1	l		100	0	22.00	21.94
	l		ĺ	l	1	1	22.00	21.61
	1	İ	l	64QAM	1	104	22.00	21.36
	l		ĺ		100	0	21.50	21.27
		1	l		1	1	21.00	19.31
		1	l	256QAM	1	104	21.00	19.11
	ī	1		i	100	0	19.00	18.10





P-sensor on

	BW		Fraguency		UL RB	UL RB	Max.Tune-up	Average newer
Band	(MHz)	Channel	Frequency (MHz)	Mode	Allocation	Offset	(dBm)	Average power (dBm)
	(IVIFIZ)	133100	665.5	PI/2 BPSK	1	1	23.00	22.41
n71 SA	5	136100	680.5	PI/2 BPSK	1	1	23.00	22.44
		139100	695.5	PI/2 BPSK	1	1	23.00	22.39
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		133600	668	PI/2 BPSK	1	1	23.00	22.48
n71_SA	10	136100	680.5	PI/2 BPSK	1	1	23.00	22.49
_		138600	693	PI/2 BPSK	1	1	23.00	22.45
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	iviode	Allocation	Offset	(dBm)	(dBm)
		134100	670.5	PI/2 BPSK	1	1	23.00	22.52
n71_SA	15	136100	680.5	PI/2 BPSK	1	1	23.00	22.57
		138100	690.5	PI/2 BPSK	1	1	23.00	22.52
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dariu	(MHz)	Chamilei	(MHz)	Wiode	Allocation	Offset	(dBm)	(dBm)
					1	1	23.00	22.56
				PI/2 BPSK	1	104	23.00	22.51
	1	1			100	0	22.50	22.09
	1	1]	1	1	23.00	22.82
		İ		QPSK	1	104	23.00	22.78
					100	0	22.50	22.39
					1	1	22.00	21.53
		134600	673	16QAM	1	104	22.00	21.48
					100	0	21.00	20.64
					1	1	21.00	20.51
				64QAM	1	104	21.00	20.55
					100	0	20.00	19.55
					1	1	20.00	19.45
				256QAM	1	104	20.00	19.41
					100	0	19.00	18.57
					1	1	23.00	22.63
				PI/2 BPSK	1	104	23.00	22.59
					100	0	22.50	22.34
					1	1	23.00	22.89
				QPSK	1	104	23.00	22.86
					100	0	22.50	22.44
					1	1	22.00	21.60
n71_SA	20	136100	680.5	16QAM	1	104	22.00	21.55
					100	0	21.00	20.71
					1	1	21.00	20.63
				64QAM	1	104	21.00	20.62
		İ			100	0	20.00	19.62
		İ			1	1	20.00	19.52
		İ		256QAM	1	104	20.00	19.48
	1				100	0	19.00	18.64
		İ		DI /2 DDC::	1	1	23.00	22.58
	1	1		PI/2 BPSK	1	104	23.00	22.53
	1	1			100	0	22.50	22.23
	1	1		OPCI	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	23.00	22.83
		İ		QPSK	1	104	23.00	22.77
		İ			100	0	22.50	22.35
		137600	688	160444	1	1	22.00	21.55
		13/600	688	16QAM	1	104	22.00	21.50
		İ			100	0	21.00	20.66
	1	1			1	1	21.00	20.53
	1	1		64QAM	1	104	21.00	20.57
	1	1			100	0	20.00	19.57
	1	1		3566	1	1	20.00	19.47
	1	1		256QAM	1	104	20.00	19.43
		l	I		100	0	19.00	18.59





NR n77 MAIN

P-sensor off

Band (M) n77_SA 1 Band (B) n77_SA 1 Band (M) n77_SA 2 Band (M) n77_SA 3 Band (M) n77_SA 4 Band (M) n77_SA 5 Band (M) n77_SA 5 Band (M) n77_SA 6 Band (M) n77_SA 6 Band (M) n77_SA 6 Band (M) n77_SA 7	WWWHILE	Channel 630334 633334 636334 Channel 630500 633334 636166 Channel 630668 633334 636000 Channel 631000 633334 635334 635334 Channel 631668 633334 635334 Channel 631668 633334 Channel 631668	Frequency (MHz) 3455.01 3500.01 3545.01 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465.3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 3500.01 3530.01 3530.01 3530.01 3530.01 3530.01 3530.01 3530.01 3532.5	Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	UL RB Allocation 1 1 1 UL RB Allocation 1 1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB UL RB UL RB UL RB UL RB UL RB Offset 1 UL RB UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB	Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50	Average power (dBm) 24.55 24.58 Average power (dBm) 24.67 24.63 24.64 Average power (dBm) 24.63 24.66 24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.82 Average power (dBm) 24.85
n77_SA 1 Band B' (M) n77_SA 1 Band B' (M) n77_SA 2 Band B' (M) n77_SA 3 Band B' (M) n77_SA 4 Band B' (M) n77_SA 5 Band B' (M) n77_SA 6 Band B' (M) n77_SA 6 Band B' (M) n77_SA 6 Band B' (M) n77_SA 6 Band B' (M) n77_SA 7 Band B' (M) n77_SA 7 Band B' (M) n77_SA 7 Band B' (M) n77_SA 8 Band B' (M)	LO SWW SWW SWW SWW SWW SWW SWW SWW SWW SW	633334 636334 Channel 630500 6333334 636166 Channel 633034 636000 Channel 631000 631334 635666 Channel 631334 635334 635334 635334 635334 635334 635334	3455.01 3500.01 3545.01 Frequency (MHz) 3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 3530.01 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK	1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25.50 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 Max.Tune- 25.50 Max.Tune- up	24.55 24.58 Average power (dBm) 24.67 24.63 24.64 Average power (dBm) 24.65 24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.67 24.74 Average power (dBm) 24.78 Average power (dBm)
Band B' (M) n77_SA 1 Band B' (M) n77_SA 2 Band B' (M) n77_SA 3 Band B' (M) n77_SA 4 Band B' (M) n77_SA 5 Band B' (M) n77_SA 6 Band B' (M) n77_SA 6 Band B' (M) n77_SA 6 Band B' (M) n77_SA 7 Band B' (M) n77_SA 7 Band B' (M) n77_SA 8 Band B' (M)	WWWHILZ) 1.55 WWWWHILZ) 380 WWWHILZ) 400 WWWHILZ)	633334 636334 Channel 630500 6333334 636166 Channel 630668 633334 636000 Channel 631000 631334 635334 635334 635334 635334 635334 635334 635334 635334	3500.01 3545.01 Frequency (MHz) 3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540.01 3540.01 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 3500.01 3500.01 3500.01 3500.01	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK	1 1 1 IL RB Allocation 1 1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB	1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 UL RB Offset 1 UL R	25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up	24.50 24.58 Average power (dBm) 24.67 24.63 24.64 Average power (dBm) 24.63 24.66 24.73 Average power (dBm) 24.69 24.74 Average power (dBm) 24.74 Average power (dBm) 24.74 Average power (dBm)
Band B' (M) n77_SA 1 Band B' (M) n77_SA 2 Band B' (M) n77_SA 3 Band B' (M) n77_SA 4 Band B' (M) n77_SA 5 Band B' (M) n77_SA 6 Band B' (M) n77_SA 6 Band B' (M) n77_SA 6 Band B' (M) n77_SA 7 Band B' (M) n77_SA 7 Band B' (M) n77_SA 8 Band B' (M)	WWWHILZ) 1.55 WWWWHILZ) 380 WWWHILZ) 400 WWWHILZ)	636334 Channel 630500 633334 63606 Channel 631666 633334 635666 Channel 631334 635334 635334 635334 635334 635334 635334 635334	3545.01 Frequency (MHz) 3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 3530.01 3530.01 3475.02 3475.02	PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	1 UL RB Allocation 1 1 1 1 UL RB Allocation 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 UL RB Offset 1 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB UL RB UL RB UL RB Offset 1 UL RB Offset 1 UL RB	25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up	24.58 Average power (dBm) 24.67 24.63 24.64 Average power (dBm) 24.63 24.66 24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.78 Average power (dBm)
Band (M n77_SA 1 Band B' (M n77_SA 2 Band B' (M n77_SA 3 Band B' (M n77_SA 4 Band B' (M n77_SA 5 Band B' (M n77_SA 5 Band B' (M n77_SA 6 Band B' (M n77_SA 6 Band B' (M n77_SA 6 Band B' (M n77_SA 7 Band B' (M n77_SA 7	STATE OF THE STATE	Channel 630500 633334 636166 Channel 630668 633334 635066 Channel 631000 633334 635666 Channel 631334 Channel 63168 633334 635334 635334 635000	Frequency (MHz) 3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 3530.01 3500.01 3500.01 3570.01	Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	UL RB Allocation 1 1 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB	UL RB Offset 1 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB UL RB Offset 1 UL RB Offset 1 UL RB Offset	Max.Tune- up 25.50 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up	Average power (dBm) 24.67 24.63 24.64 24.63 24.66 24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.78 24.81 24.82 Average power (dBm)
Band (M n77_SA 1 Band B' (M n77_SA 2 Band B' (M n77_SA 3 Band B' (M n77_SA 4 Band B' (M n77_SA 5 Band B' (M n77_SA 5 Band B' (M n77_SA 6 Band B' (M n77_SA 6 Band B' (M n77_SA 6 Band B' (M n77_SA 7 Band B' (M n77_SA 7	11Hz) 155 155 107 108 108 108 108 108 108 108 108 108 108	630500 633334 636166 Channel 630668 633334 636000 Channel 631334 635334 Channel 631334 635334 Channel 631334 635334 635334 635334 635334	(MHz) 3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 Frequency (MHz) 3475.02 3475.02 3500.01	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	Allocation 1 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 1 UL RB	Offset 1 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB UL RB Offset UL RB Offset UL RB	up 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50	(dBm) 24.67 24.63 24.64 Average power (dBm) 24.63 24.66 24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.78 24.81 24.82 Average power (dBm)
n77_SA	200 200 WW WW HHz) 11Hz) 12Hz	633334 636166 Channel 630668 633334 636000 Channel 631334 635334 635334 Channel 631344 635334 635334 635334 635334	3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 3570.01 3570.01 3570.01	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 1 UL RB	1 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB UL RB UL RB UL RB UL RB UL RB	25.50 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up	24.67 24.63 24.64 Average power (dBm) 24.63 24.66 24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.74 Average power (dBm) 24.78 Average power (dBm)
Band B' (M) n77_SA 2 Band B' (M) n77_SA 3 Band B' (M) n77_SA 4 Band B' (M) n77_SA 5 Band B' (M) n77_SA 6 Band B' (M) n77_SA 6 Band B' (M) n77_SA 6 Band B' (M) n77_SA 7 Band B' (M) n77_SA 7 Band B' (M) n77_SA 8	WWWIHz) 380 WWWIHz) 1Hz) 1Hz) 1Hz) 1Hz)	633334 636166 Channel 630668 633334 636000 Channel 631334 635334 635334 Channel 631344 635334 635334 635334 635334	3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 7Frequency (MHz) 3475.02 3475.02 3475.02	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB	1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 0 Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset	25.50 25.50 Max.Tune- up 25.50 25.50 25.50 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50	24.63 24.64 Average power (dBm) 24.63 24.66 24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.78 24.81 24.81 24.82 Average power (dBm)
Band B' (M) n77_SA 2 Band B' (M) n77_SA 3 Band B' (M) n77_SA 4 Band B' (M) n77_SA 5 Band B' (M) n77_SA 6 Band B' (M) n77_SA 6 Band B' (M) n77_SA 6 Band B' (M) n77_SA 7 Band B' (M) n77_SA 7 Band B' (M) n77_SA 8	WWWIHz) 380 WWWIHz) 1Hz) 1Hz) 1Hz) 1Hz)	636166 Channel 630668 633334 636000 Channel 631000 633334 635666 Channel 631334 633334 633334 633334 633334 633334 633334 635000	3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3475.02 3500.01 3525	PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1	1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB UL RB UL RB Offset UL RB Offset UL RB	25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50	24.64 Average power (dBm) 24.63 24.66 24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.78 Average power (dBm)
Band (M n77_SA 2 Band (M n77_SA 3 Band (M n77_SA 3 Band (M n77_SA 4 Band (M n77_SA 5 Band (M n77_SA 6 Band (M n77_SA 6 Band (M n77_SA 7 Band (M n77_SA 7 Band (M n77_SA 8 Band (M n77_SA 8	1Hz) 20 8W 1Hz) 30 8W 1Hz) 40 8W 1Hz) 50	Channel 6336000 Channel 631000 Channel 631334 635666 Channel 631334 635334 Channel 631668 633334 635000	Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 7Frequency (MHz) 3475.02 3475.02	Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK MOde PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	UL RB Allocation 1 1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 1 1 UL RB	UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 1 UL RB UL RB UL RB UL RB Offset UL RB Offset UL RB	Max.Tune- up 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up 25.50 Max.Tune- up 25.50 Max.Tune- up	Average power (dBm) 24.63 24.66 24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.78 24.81 24.82 Average power (dBm)
Band (M n77_SA 2 Band (M n77_SA 3 Band (M n77_SA 3 Band (M n77_SA 4 Band (M n77_SA 5 Band (M n77_SA 6 Band (M n77_SA 6 Band (M n77_SA 7 Band (M n77_SA 7 Band (M n77_SA 8 Band (M n77_SA 8	1Hz) 20 8W 1Hz) 30 8W 1Hz) 40 8W 1Hz) 50	630668 633334 636000 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	(MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 3530.01 3475.02 3475.02 3475.02 3500.01	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	Allocation 1 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 1 1 UL RB	Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset	up 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up	(dBm) 24.63 24.66 24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.78 24.81 24.81 24.82 Average power (dBm)
n77_SA 2 Band B' (M) n77_SA 3 Band B' (M) n77_SA 4 Band B' (M) n77_SA 5 Band B' (M) n77_SA 6 Band B' (M) n77_SA 6 Band B' (M) n77_SA 7 Band B' (M) n77_SA 7 Band B' (M) n77_SA 8 Band B' (M) n77_SA 8	20 3W 1Hz) 30 3W 1Hz) 40 3W 1Hz)	633334 636000 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3475.02	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1	1 1 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB	25.50 25.50 25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up	24.63 24.66 24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.78 24.81 24.82 Average power (dBm)
Band B' (M n77_SA 3 Band B' (M n77_SA 4 Band B' (M n77_SA 5 Band B' (M n77_SA 5 Band B' (M n77_SA 6 Band B' (M n77_SA 7 Band B' (M n77_SA 7 Band B' (M n77_SA 8 Band B' (M n77_SA 8	8W 1Hz) 30 8W 1Hz) 40 8W 1Hz)	633334 636000 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation	1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB	25.50 25.50 25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up	24.66 24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.78 24.81 24.82 Average power (dBm)
Band B' (M n77_SA 3 Band B' (M n77_SA 4 Band B' (M n77_SA 5 Band B' (M n77_SA 5 Band B' (M n77_SA 6 Band B' (M n77_SA 7 Band B' (M n77_SA 7 Band B' (M n77_SA 8 Band B' (M n77_SA 8	8W 1Hz) 30 8W 1Hz) 40 8W 1Hz)	636000 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 Frequency (MHz) 3475.02 3500.01	PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	1 UL RB Allocation 1 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation	1 UL RB Offset 1 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB	25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up	24.73 Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.78 24.81 24.82 Average power (dBm)
Band (M n77_SA 3 Band B' (M n77_SA 4 Band B' (M n77_SA 5 Band B' (M n77_SA 6 Band B' (M n77_SA 6 Band B' (M n77_SA 7 Band B' (M n77_SA 7 Band B' (M n77_SA 7	1Hz) 30 3W 1Hz) 40 3W 1Hz)	Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01	Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK	Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 1 UL RB Allocation	Offset 1 1 UL RB Offset 1 1 UL RB Offset Offset Offset Offset	Max.Tune- up 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 Max.Tune- up	Average power (dBm) 24.67 24.69 24.74 Average power (dBm) 24.78 24.81 24.82 Average power (dBm)
Band (M n77_SA 3 Band B' (M n77_SA 4 Band B' (M n77_SA 5 Band B' (M n77_SA 6 Band B' (M n77_SA 6 Band B' (M n77_SA 7 Band B' (M n77_SA 7 Band B' (M n77_SA 7	1Hz) 30 3W 1Hz) 40 3W 1Hz)	631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	(MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK	Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 1 UL RB Allocation	Offset 1 1 UL RB Offset 1 1 UL RB Offset Offset Offset Offset	up 25.50 25.50 25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up	(dBm) 24.67 24.69 24.74 Average power (dBm) 24.78 24.81 24.82 Average power (dBm)
n77_SA 3 Band B' (M n77_SA 4 Band B' (M n77_SA 5 Band B' (M n77_SA 6 Band B' (M n77_SA 7 Band B' (M n77_SA 7 Band B' (M n77_SA 7 Band B' (M n77_SA 8	80 8W 1Hz) 40 8W 1Hz)	633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK	1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1	1 1 UL RB Offset 1 1 UL RB Offset	25.50 25.50 25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up	24.67 24.69 24.74 Average power (dBm) 24.78 24.81 24.82 Average power (dBm)
Band B' (M) n77_SA 4 Band B' (M) n77_SA 5 Band B' (M) n77_SA 6 Band B' (M) n77_SA 7 Band B' (M) n77_SA 7 Band B' (M) n77_SA 8 Band B' (M)	Hz) Hz) Hz) Hz) Hz)	633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK	1 UL RB Allocation 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1	1 UL RB Offset 1 1 UL RB Offset Offset	25.50 25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up	24.69 24.74 Average power (dBm) 24.78 24.81 24.82 Average power (dBm)
Band B' (M) n77_SA 4 Band B' (M) n77_SA 5 Band B' (M) n77_SA 6 Band B' (M) n77_SA 7 Band B' (M) n77_SA 7 Band B' (M) n77_SA 8 Band B' (M)	Hz) Hz) Hz) Hz) Hz)	635666 Channel 631334 635334 Channel 631668 633334 635000	3534.99 Frequency (MHz) 3470.01 3500.01 Frequency (MHz) 3475.02 3500.01 3525	PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK	1 UL RB Allocation 1 1 1 UL RB Allocation 1	1 UL RB Offset 1 1 UL RB UL RB	25.50 Max.Tune- up 25.50 25.50 25.50 Max.Tune- up	24.74 Average power (dBm) 24.78 24.81 24.82 Average power (dBm)
Band M M M M M M M M M	1Hz) 40 8W 1Hz) 50	Channel 631334 633334 635334 Channel 631668 633334 635000	Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525	Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK	UL RB Allocation 1 1 1 UL RB Allocation 1	UL RB Offset 1 1 UL RB UL RB Offset	Max.Tune- up 25.50 25.50 25.50 Max.Tune- up	Average power (dBm) 24.78 24.81 24.82 Average power (dBm)
Band M M M M M M M M M	1Hz) 40 8W 1Hz) 50	631334 633334 635334 Channel 631668 633334 635000	(MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK	Allocation 1 1 1 UL RB Allocation 1	Offset 1 1 1 UL RB Offset	25.50 25.50 25.50 25.50 Max.Tune- up	(dBm) 24.78 24.81 24.82 Average power (dBm)
n77_SA	W 1Hz) 50	633334 635334 Channel 631668 633334 635000	3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK	1 1 UL RB Allocation	1 1 1 UL RB Offset	25.50 25.50 25.50 Max.Tune- up	24.78 24.81 24.82 Average power (dBm)
Band B' (M n77_SA 5 Band B' (M n77_SA 6 Band B' (M n77_SA 7 Band B' (M n77_SA 7 Band B' (M n77_SA 8	SW 1Hz) 50	633334 635334 Channel 631668 633334 635000	3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK	1 1 UL RB Allocation	1 1 UL RB Offset	25.50 25.50 Max.Tune- up	24.81 24.82 Average power (dBm)
Band B' (M n77_SA 5 Band B' (M n77_SA 6 Band B' (M n77_SA 7 Band B' (M n77_SA 7 Band B' (M n77_SA 8	SW 1Hz) 50	635334 Channel 631668 633334 635000	3530.01 Frequency (MHz) 3475.02 3500.01 3525	PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK	1 UL RB Allocation	1 UL RB Offset	25.50 Max.Tune- up	24.82 Average power (dBm)
Band	1Hz) 50	Channel 631668 633334 635000	Frequency (MHz) 3475.02 3500.01 3525	Mode PI/2 BPSK PI/2 BPSK	UL RB Allocation	UL RB Offset	Max.Tune- up	Average power (dBm)
Band	1Hz) 50	631668 633334 635000	(MHz) 3475.02 3500.01 3525	PI/2 BPSK PI/2 BPSK	Allocation 1	Offset	up	(dBm)
n77_SA 5 Band B' (M) n77_SA 6 Band B' (M) n77_SA 7 Band B' (M) n77_SA 8 Band B' (M)	50 SW	633334 635000	3475.02 3500.01 3525	PI/2 BPSK	1			
Band B' (M) n77_SA 6 Band B' (M) n77_SA 7 Band B' (M) n77_SA 8 Band B' (M)	w	633334 635000	3500.01 3525	PI/2 BPSK	_		23.30	
Band B' (M) n77_SA 6 Band B' (M) n77_SA 7 Band B' (M) n77_SA 8 Band B' (M)	w	635000	3525			1	25.50	24.82
Band (M n77_SA 6 Band B' (M n77_SA 7 Band B' (M n77_SA 8 Band B' (M				PI/2 BPSK	1	1	25.50	24.82
Band (M n77_SA 6 Band B' (M n77_SA 7 Band B' (M n77_SA 8 Band B' (M		Channel	Frequency		UL RB	UL RB	Max.Tune-	Average power
n77_SA 6 Band B' (M) n77_SA 7 Band B' (M) n77_SA 8			(MHz)	Mode	Allocation	Offset	up	(dBm)
Band B' (M n77_SA 7 Band B' (M n77_SA 8 Band B' (M n7_SA 8 Band B' (M n7	1112)	632000	3480	PI/2 BPSK	1	1	25.50	24.95
Band B' (M n77_SA 7 Band B' (M n77_SA 8 Band B' (M n7_SA 8 Band B' (M n7	50	633334	3500.01	PI/2 BPSK	1	1	25.50	24.94
Band (M n77_SA 7 Band B (M n77_SA 8 Band B Band B		634666	3519.99	PI/2 BPSK	1	1	25.50	24.89
Band (M n77_SA 7 Band B (M n77_SA 8 Band B Band B	w		Frequency		UL RB	UL RB	Max.Tune-	Average power
n77_SA 7 Band B' (M n77_SA 8 Band B'	1Hz)	Channel	(MHz)	Mode	Allocation	Offset	up	(dBm)
Band B' (M		632334	3485.01	PI/2 BPSK	1	1	25.50	25.01
Band B' (M	70	633334	3500.01	PI/2 BPSK	1	1	25.50	24.92
n77_SA 8		634334	3515.01	PI/2 BPSK	1	1	25.50	24.99
n77_SA 8	W		Frequency		UL RB	UL RB	Max.Tune-	Average power
n77_SA 8	1Hz)	Channel	(MHz)	Mode	Allocation	Offset	gu	(dBm)
Band B'		632668	3490.02	PI/2 BPSK	1	1	25.50	25.04
Band I	30	633334	3500.01	PI/2 BPSK	1	1	25.50	25.02
Band I		634000	3510	PI/2 BPSK	1	1	25.50	25.02
M (M	W	Channel	Frequency	Mada	UL RB	UL RB	Max.Tune-	Average power
	1Hz)	Chaffilei	(MHz)	Mode	Allocation	Offset	au	(dBm)
		633000	3495	PI/2 BPSK	1	1	25.50	25.06
n77_SA 9	90	633334	3500.01	PI/2 BPSK	1	1	25.50	25.12
		633666	3504.99	PI/2 BPSK	1	1	25.50	25.11
Band B'	W	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
(M	1Hz)	CHAINE	(MHz)	Widde	Allocation	Offset	au	(dBm)
					1	1	25.50	25.16
				PI/2 BPSK	1	271	25.50	24.64
					270	0	25.00	24.50
					1	1	25.50	25.22
				QPSK	1	271	25.50	24.70
					270	0	25.00	23.95
					1	1	24.50	24.16
n77_SA 10		633334	3500.01	16QAM	1	271	24.50	23.71
	00				270	0	23.50	22.90
	00			l	1	1	23.50	22.23
]	00			64QAM	1	271	23.50	21.72
	00				270	0	22.50	22.43
]	00			l	1	1	21.50	20.35
]	00			256QAM	<u>1</u> 270	271	21.50	20.09
	00					0	20.50	20.40





BW	-1	Frequency		UL RB	UL RB	Max.Tune-up	Average power
(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
10	647000 656000	3705 3840	PI/2 BPSK PI/2 BPSK	1	1	24.50 24.50	23.83 23.71
10	665000	3975	PI/2 BPSK	1	1	24.50	22.93
BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	647168	3707.52	PI/2 BPSK	1	1	24.50	23.82
15	656000	3840	PI/2 BPSK	1	1	24.50	23.77
	664832	3972.48	PI/2 BPSK	1	11	24.50	22.97
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	647334	(MHz) 3710.01	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 24.50	(dBm) 23.93
20	656000	3840	PI/2 BPSK	1	1	24.50	23.82
20	664666	3969.99	PI/2 BPSK	1	1	24.50	22.98
BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	647666	3714.99	PI/2 BPSK	1	1	24.50	24.00
30	656000	3840	PI/2 BPSK	1	1	24.50	23.83
	664334	3965.01	PI/2 BPSK	1	11	24.50	23.01
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	540000	(MHz)	DI /2 DDCI/	Allocation	Offset	(dBm)	(dBm)
40	648000	3720	PI/2 BPSK	1	1 1	24.50	24.06
40	656000 664000	3840 3960	PI/2 BPSK PI/2 BPSK	1	1	24.50 24.50	23.97 23.08
BW				UL RB	UL RB	Max.Tune-up	
(MHz)	Channel	Frequency (MHz)	Mode	Allocation	Offset	(dBm)	Average power (dBm)
114111141	648334	3725.01	PI/2 BPSK	Allocation 1	1	24.50	24.06
50	656000	3840	PI/2 BPSK	1	1	24.50	23.98
	663666	3954.09	PI/2 BPSK	1	1	24.50	23.21
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
	648668	3730.02	PI/2 BPSK	1	1	24.50	24.20
60	656000	3840	PI/2 BPSK	1	11	24.50	24.07
D) 4 /	663332	3949.98	PI/2 BPSK	1	1	24.50	23.22
BW (NALLE)	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	649000	(MHz) 3735	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 24.50	(dBm) 24.23
70	656000	3735	PI/2 BPSK	1	1	24.50	24.23
, ,	663000	3945	PI/2 BPSK	1	1	24.50	23.23
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	Channel	(MHz)		Allocation	Offset	(dBm)	(dBm)
	649334	3740.01	PI/2 BPSK	1	1	24.50	24.36
80	656000	3840	PI/2 BPSK	1	1	24.50	24.17
	662666	3939.99	PI/2 BPSK	1	1	24.50	23.34
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
		2745 22	DI /O DDCI				
90	649668	3745.02	PI/2 BPSK	1	1	24.50	24.35
90	656000	3840	PI/2 BPSK			24.50 24.50	24.35 24.28
90 BW	656000 662332	3840 3934.98	PI/2 BPSK PI/2 BPSK	1 1 1	1 1 1	24.50 24.50 24.50	24.35 24.28 23.37
BW	656000	3840 3934.98 Frequency	PI/2 BPSK	1 1 1 UL RB	1 1 1 UL RB	24.50 24.50 24.50 Max.Tune-up	24.35 24.28 23.37 Average power
	656000 662332	3840 3934.98	PI/2 BPSK PI/2 BPSK Mode	1 1 1	1 1 1	24.50 24.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40
BW	656000 662332	3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK	1 1 UL RB Allocation 1	1 1 1 UL RB Offset 1 271	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46
BW	656000 662332	3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK Mode	1 1 UL RB Allocation	1 1 1 UL RB Offset 1 271	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.00	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64
BW	656000 662332	3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK	1 1 UL RB Allocation 1 270	1 1 UL RB Offset 1 271 0	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34
BW	656000 662332	3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK Mode	1 1 UL RB Allocation 1 1 270 1	1 1 1 UL RB Offset 1 271 0 1 271	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44
BW	656000 662332	3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK	1 1 UL RB Allocation 1 1 270 1 1 270	1 1 1 UL RB Offset 1 271 0 1 271 0	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.34 24.44 23.15
BW	656000 662332	3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK	1 1 1 UL RB Allocation 1 270 1 1 270	1 1 1 UL RB Offset 1 271 0 1 271 0	24.50 24.50 24.50 Max.Tune-up (dRm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK	1 1 UL RB Allocation 1 1 270 1 1 270	1 1 1 UL RB Offset 1 271 0 1 271 0	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.34 24.44 23.15
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK	1 1 1 UL RB Allocation 1 270 1 270 1 1 270	1 1 1 UL RB Offset 1 271 0 1 271 0 1 271	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK	1 1 1 UL RB Allocation 1 270 1 1 270 1 1 270	1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM	1 1 1 UL RB Allocation 1 1 270 1 270 1 1 270 1 1 270	1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 23.50 22.50 22.50 21.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 21.61
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM	1 1 1 UL RB Allocation 1 270 1 1 270 1 1 270 1 1 270 1 270 1 270 1	1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 23.50 22.50 22.50 22.50 20.00	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.34 23.15 23.31 23.49 22.14 21.36 21.61 19.60
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM	1 1 1 1 1 UL RB Allocation 1 270 1 1 270 1 1 270 1 1 270 1 1 270	1 1 1 UL RB Offset 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	24.50 24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 22.50 20.00	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 21.61 19.60 19.80
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM	1 1 1 UL RB Allocation 1 270 1 1 270 1 1 270 1 1 270 1 270 1 270 1	1 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 0 0 1 0	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 23.50 22.50 22.50 22.50 20.00 20.00 20.00	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 21.61 19.60 19.80 19.66
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM	1 1 1 UL RB Allocation 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 270 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 2 1 2 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2	1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 23.50 22.50 22.50 22.50 22.50 20.00 20.00 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.34 22.15 23.31 23.49 22.14 21.36 21.61 19.60 19.80 19.66 24.25
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM	1 1 1 1 1 UL RB Allocation 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270	1 1 1 1 UL RB Offset 1 271 0 1 1 271 0 0 1 1 271 0 0 1 271 0 0 1 271 0 0 0 1 271 0 0 0 1 271 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24.50 24.50 24.50 Max.Tune-up (dlbm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 20.00 20.00 20.00 24.50 24.50 24.50	24,35 24,28 23,37 Average power 24,40 24,46 23,64 24,34 24,44 23,15 23,31 23,49 22,14 21,24 21,24 21,36 21,61 19,60 19,80 19,66 24,25 23,55
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM	1 1 1 UL RB Allocation 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 270 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 2 1 2 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2	1 1 1 1 UL RB Offset 1 271 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 20.00 20.00 20.00 24.50 24.50 24.50 24.50 24.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 24.46 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 21.61 19.60 19.80 19.66 24.25 23.55 23.73
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM	1 1 1 UL RB Allocation 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 UL RB Offset 1 271 0 1 1 271 0 0 1 1 271 0 0 1 271 0 0 1 271 0 0 0 1 271 0 0 0 1 271 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24.50 24.50 24.50 Max.Tune-up (dlbm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 20.00 20.00 20.00 24.50 24.50 24.50	24,35 24,28 23,37 Average power 24,40 24,46 23,64 24,34 24,44 23,15 23,31 23,49 22,14 21,24 21,24 21,36 21,61 19,60 19,80 19,66 24,25 23,55
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 UL RB Allocation 1 270 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 1 270 1	1 1 1 1 1 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 0 1 1 0 1 1 0 1 0 1 0 1 0 1 0	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 20.00 20.00 20.00 24.50 24.50 24.50 24.50 24.50 24.50	24,35 24,28 23,37 Average power (dBm) 24,40 24,46 24,34 24,34 24,44 23,15 23,31 23,49 22,14 21,24 21,36 21,61 19,60 19,80 19,66 24,25 23,55 23,73 24,20
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 1 UL RB Allocation 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 1 1 1 271 0 1 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 20.00 20.00 20.00 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.26 21.36 21.61 19.60 19.80 19.66 24.25 23.55 23.73 24.20 23.64
BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 1 ULL RB Allocation 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 270 1 1 270 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 271 271 271 0 1 1 271 0 1 1 271 0 1 271 0 1 1 271 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 20.00 20.00 20.00 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.26 21.36 19.60 19.80 19.66 24.25 23.55 23.73 24.20 23.64 23.26
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 1 UL RB Allocation 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 271 271 271	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 22.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 19.60 19.80 19.66 24.25 23.57 23.73 24.20 23.64 23.26 23.20 22.46 22.20
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 1 1 1 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 20.00 20.00 20.00 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 21.61 19.60 19.80 19.66 24.25 23.55 23.73 24.20 23.64 23.26 23.20 22.46 22.20 21.14
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 1 ULL RB Allocation 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.00 20.00 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 21.61 19.60 24.25 23.25 23.73 24.20 23.64 23.26 23.26 23.20 22.46 22.20 21.14 20.46
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 1 1 UL RB Allocation 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 24.50 24.50 24.50 22.50 22.50 22.50 24.50	24,35 24,28 23,37 Average power (dBm) 24,40 24,46 24,34 24,34 24,44 23,15 23,31 23,49 22,14 21,24 21,36 21,61 19,60 19,80 19,66 24,25 23,55 23,73 24,20 23,64 23,26 23,20 22,46 22,20 21,14 20,46 21,69
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM PI/2 BPSK 16QAM 64QAM PI/2 BPSK QPSK 46QAM 64QAM	1 1 1 1 1 1 1 1 1 1 1 2 70 1 1 1 2 70 1 1 1 2 70 1 1 1 2 70 1 1 1 2 70 1 1 1 2 70 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 20.00 20.00 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.26 21.61 19.60 24.25 23.55 23.73 24.20 23.64 23.26 22.46 22.20 21.14 20.46 21.69 19.52
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 1 1 1 1 UL RB Allocation 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 20.00 20.00 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 21.61 19.60 24.25 23.73 24.20 23.26 23.20 22.46 22.20 21.14 20.46 21.69 19.52
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM PI/2 BPSK 16QAM 64QAM PI/2 BPSK QPSK 46QAM 64QAM	1 1 1 1 1 1 1 1 1 1 1 1 2 70 1 1 1 1 1 1 2 70 1 1 1 1 1 1 2 70 1 1 1 1 1 1 1 1 2 70 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.26 21.61 19.60 24.25 23.55 23.73 24.20 23.64 23.26 22.46 22.20 21.14 20.46 21.69 19.52
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM PI/2 BPSK 16QAM 64QAM PI/2 BPSK QPSK 46QAM 64QAM	1 1 1 1 1 UL RB Allocation 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 271 0 1	24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.26 21.61 19.60 24.25 23.55 23.73 24.20 23.64 23.26 23.26 22.46 22.20 21.14 20.46 21.69 19.52 18.84 19.68 23.41
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK 16QAM 256QAM PI/2 BPSK QPSK QPSK QPSK 16QAM 256QAM	1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.26 21.61 19.60 19.80 19.66 24.25 23.55 23.73 24.20 23.64 23.26 23.20 22.46 21.69 19.52 18.84 19.68
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK 16QAM 256QAM PI/2 BPSK QPSK QPSK QPSK 16QAM 256QAM	1 1 1 1 1 UL RB Allocation 1 1 270 1 1 1 270 1 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 271 271 0 1 271 0 1 271 0 1 271 0 1 271	24.50 24.50 24.50 24.50 Max.Tune-up (dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 21.61 19.60 19.80 19.66 24.25 23.73 24.20 23.64 23.26 23.20 21.44 20.46 21.69 19.52
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK 16QAM 256QAM PI/2 BPSK QPSK QPSK QPSK 16QAM 256QAM	1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.26 21.61 19.60 19.80 19.66 24.25 23.55 23.73 24.20 22.46 23.20 22.46 22.20 21.14 20.46 21.69 19.52 18.84 19.68 24.21 20.46 21.22 21.14 20.46 21.20 22.31
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM PI/2 BPSK	1 1 1 1 1 1 1 1 1 1 1 1 2 70 1 1 1 1 1 1 2 70 1 1 1 1 1 1 1 1 1 1 2 70 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 24.50	24.35 24.28 23.37 Average power (algebra) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.26 21.61 19.60 24.25 23.55 23.73 24.20 23.64 23.26 23.26 22.46 22.20 21.14 20.46 21.69 19.52 18.84 21.69 19.52 18.84 24.20 23.41 24.20 24.14 24.20
BW (MHz)	656000 662332 Channel 650000	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK QPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM 64QAM	1 1 1 1 1 UL RB Allocation 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 21.61 19.60 24.25 23.55 23.73 24.20 23.64 23.26 23.20 22.46 22.20 21.14 20.46 21.69 19.52 18.84 19.68 23.41 24.20 23.37 24.20 23.41 24.20 23.37
BW (MHz)	656000 662332 Channel	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM PI/2 BPSK	1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 24.50	24.35 24.28 24.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 21.61 19.60 19.80 19.66 24.25 23.55 23.73 24.20 23.64 23.20 21.14 20.46 21.69 19.52 18.84 19.68 23.41 24.40 23.37 24.40 25.337
BW (MHz)	656000 662332 Channel 650000	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK QPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM 64QAM	1 1 1 1 1 1 1 1 1 1 1 1 2 70 1 1 1 1 1 2 70 1 1 1 1 1 1 1 1 2 70 1 1 1 1 1 1 2 70 1 1 1 1 1 1 2 70 1 1 1 1 1 2 70 1 1 1 1 1 1 2 70 1 1 1 1 1 1 2 70 1 1 1 1 1 1 1 2 70 1 1 1 1 1 1 1 2 70 1 1 1 1 1 1 1 1 2 70 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 24.50 23.50 22.50 23.50 23.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 21.61 19.60 24.25 23.55 23.73 24.20 23.64 23.26 22.46 22.20 21.14 20.46 21.69 19.52 18.84 21.69 24.25 23.41 24.20 23.41 24.20 25.46 26.20 27.47 28.48 29.49 29.41 20.46 21.69 29.50 29.40 20.4
BW (MHz)	656000 662332 Channel 650000	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM 64QAM 64QAM	1 1 1 1 1 UL RB Allocation 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.36 21.61 19.60 24.25 23.25 23.73 24.20 23.46 22.20 21.14 20.46 21.69 19.52 18.84 19.68 23.21 23.49 24.14 22.27 23.49 24.14 22.87 22.42 23.13
BW (MHz)	656000 662332 Channel 650000	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM 64QAM	1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 24.50 22.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.46 24.34 24.44 23.15 23.31 23.49 22.14 21.24 21.26 21.61 19.60 19.80 19.66 24.25 23.55 23.73 24.20 23.64 23.26 21.61 21.61 21.69 19.52 18.84 19.68 23.41 24.20 23.37 23.49 24.41 24.20 25.37 26.37 27 28.49 29.40 20.46 20.20 21.14 20.46 21.69 21.69 21.59 22.46 23.20 21.14 20.46 21.69 21.69 22.20 21.14 20.46 21.69 21.69 22.20 21.14 20.46 21.69 21.69 22.20 21.14 20.46 21.69 21.69 21.69 21.69 21.69 21.69 21.69 21.69 21.69 21.69 21.69 21.69
BW (MHz)	656000 662332 Channel 650000	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM 64QAM 64QAM	1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 24.50	24.35 24.28 23.37 Average power (dBm) 24.40 24.46 23.64 24.34 24.44 23.15 23.31 23.49 22.14 21.26 21.61 19.60 24.25 23.55 23.73 24.20 23.64 23.26 23.26 24.26 23.20 21.14 20.46 21.69 23.21 23.41 24.20 23.33
BW (MHz)	656000 662332 Channel 650000	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM 64QAM 64QAM	1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 24.50 22.50	24.35 24.28 23.37 Average power (algorithms)





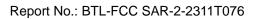
P-sensor off (HPUE)

Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average
	(MHz)		(MHz)	n. (n n n n	Allocation	Offset	(dBm)	power
n77_SA	10	630334	3455.01	PI/2 BPSK	1	1	26.00	25.03
(3450-3550)	10	633334 636334	3500.01 3545.01	PI/2 BPSK PI/2 BPSK	1	1	26.00 26.00	24.99 25.04
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	power
77.64	(IVII IZ)	630500	3457.5	PI/2 BPSK	1	1	26.00	25.08
n77_SA	15	633334	3500.01	PI/2 BPSK	1	1	26.00	25.07
(3450-3550)		636166	3542.49	PI/2 BPSK	1	1	26.00	25.09
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average
Danu	(MHz)		(MHz)		Allocation	Offset	(dBm)	power
n77 SA		630668	3460.02	PI/2 BPSK	1	1	26.00	25.12
(3450-3550)	20	633334	3500.01	PI/2 BPSK	1	1	26.00	25.12
(,	B144	636000	3540	PI/2 BPSK	1	1	26.00	25.16
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average
	(MHz)	631000	(MHz) 3465	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 26.00	power 25.17
n77_SA	30	633334	3500.01	PI/2 BPSK	1	1	26.00	25.17
(3450-3550)	30	635666	3534.99	PI/2 BPSK	1	1	26.00	25.21
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	nower
n77_SA		631334	3470.01	PI/2 BPSK	1	1	26.00	25.24
(3450-3550)	40	633334	3500.01	PI/2 BPSK	1	1	26.00	25.22
(3450-3550)		635334	3530.01	PI/2 BPSK	1	1	26.00	25.26
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average
Duna	(MHz)		(MHz)		Allocation	Offset	(dBm)	power
n77 SA		631668	3475.02	PI/2 BPSK	1	1	26.00	25.31
(3450-3550)	50	633334	3500.01	PI/2 BPSK	1	1	26.00	25.30
, ,	BW	635000	3525	PI/2 BPSK	1 UL RB	UL RB	26.00	25.31
Band		Channel	Frequency	Mode		Offset	Max.Tune-up	Average
	(MHz)	632000	(MHz) 3480	PI/2 BPSK	Allocation 1	1	(dBm) 26.00	25.38
n77_SA	60	633334	3500.01	PI/2 BPSK	1	1	26.00	25.35
(3450-3550)		634666	3519.99	PI/2 BPSK	1	1	26.00	25.37
0	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	power
n77_SA		632334	3485.01	PI/2 BPSK	1	1	26.00	25.45
(3450-3550)	70	633334	3500.01	PI/2 BPSK	1	1	26.00	25.41
(3430 3330)		634334	3515.01	PI/2 BPSK	1	1	26.00	25.41
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average
	(MHz)		(MHz)	n. (n n n n	Allocation	Offset	(dBm)	power
n77_SA	80	632668	3490.02 3500.01	PI/2 BPSK PI/2 BPSK	1	1	26.00 26.00	25.52
(3450-3550)	00	633334 634000	3500.01	PI/2 BPSK	1	1	26.00	25.46 25.47
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	power
-77 CA	(1411)27	633000	3495	PI/2 BPSK	1	1	26.00	25.56
n77_SA	90	633334	3500.01	PI/2 BPSK	1	1	26.00	25.54
(3450-3550)		633666	3504.99	PI/2 BPSK	1	1	26.00	25.54
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average
Dallu	(MHz)	Chamiel	(MHz)	WIOUE	Allocation	Offset	(dBm)	power
		1		D1/2	1	1	26.00	25.60
				PI/2 BPSK	1 270	271	26.00	25.05
		1			270	0	25.00	24.94
				QPSK	1	1 271	26.00	25.72
				U/3K	270	271 0	26.00 25.00	25.18 24.41
		1			1	1	25.00	24.41
		633334	3500.01	16QAM	1	271	25.00	24.19
n77_SA	100				270	0	24.00	23.31
n77_SA (3450-3550)	100	055551						
-	100	033331			1	1	24.00	22.64
_	100	03331		64QAM	1	1	24.00	
_	100	033331		64QAM				22.64 22.15 22.88
_	100	033331			1	1 271	24.00 24.00	22.15
_	100	033331		64QAM 256QAM	1 1 270	1 271 0	24.00 24.00 23.00	22.15 22.88





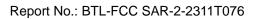
Martial Mart									
177.5A 10	Band		Channel		Mode			Max.Tune-up	
Section Sect	p77 CA	(IVIHZ)	647000		PI/2 BPSK	Allocation 1	Offset 1		
Band		10	656000		PI/2 BPSK				
Band	(0.00	D\A/	665000		PI/2 BPSK				
177.5A 15	Band		Channel		Mode		-		
Section Sect	n77 SA			3707.52		1	1	25.00	24.32
Band Mid-H Channel Frequency Mode U.R.B U.R.B U.R.B Channel Glebal Gleb		15							
Martin		BW							
\$\begin{array}{c c c c c c c c c c c c c c c c c c c	Band		Channel		Mode				
1970-3980 0 0 0 0 0 0 0 0 0	n77 SA								
Band		20						25.00	
Miles Mile	Daniel	BW							
1	Band		Channel	(MHz)					
1970-9980 Band BW Channel Frequency Mode UR B UR B MaxTune-up Average power Milhi Mode UR B UR B UR B MaxTune-up Average power Milhi Mode UR B UR B MaxTune-up Average power Milhi Mode UR B UR B MaxTune-up Average power Milhi	n77_SA	20							
Band BW Channel Frequency Mode U.R.B Company Average power Algorithm Company Average power Algorithm Company Algorithm Algorithm Company Algorithm Algorithm Company Algorithm Algorithm Company Algorithm Algorithm Company Algorithm Algorithm Company Algorithm Algorithm Company Algorithm Algorithm Company Algorithm Alg	(3700-3980)	30				1			
Common C	Rand	BW				UL RB			
Band BW Channel G64000 3840 PI/2 BPSK 1 1 25.00 24.37	Ballu	(MHz)		(MHz)		Allocation	Offset		(dBm)
Section Sect	n77_SA	40				1	1		
Band BW Channel Frequency Mode Ul. RB Ul. RB (dRm) ((3700-3980)	40				1	1		
100 100	Rand	BW				UL RB	UL RB		
Section Sect	Dana	(MHz)							
Symbol S		50							
Band BW Channel Frequency (MHz) Mode UL RB Mode (All Carlotation of	(3700-3980)					1	1		
NH12 NH12	Band					UL RB			
177_5A 1		(MHz)							
Band BW Channel Frequency Mode Miles Max. Tune-up Average power Miles Mile		60							
Band BW Channel Frequency Mode U.RB U.RB Max.Tune-up Average power Mode Max.Tune-up Average power Mode Max.Tune-up Average power Mode Max.Tune-up Average power Mode Max.Tune-up Average power Mode Max.Tune-up Average power Mode Max.Tune-up Average power Mode Max.Tune-up Max.Tune-up M	(3700-3980)					1	1		
RAPPA	Band		Channel	Frequency				Max.Tune-up	Average power
1707-58 1707-58 1707-58 1707-58 1707-58 1707-58 1707-58 1707-59 1707		(MHz)							
Band Band Band Band Band Band Band Band Channel Frequency (MHz) Mode (MHz) Mode (MHz) Mode (MHz) G55000 3840 PI/2 BPSK 1		70							
Band MHz Channel Mode Mode Allocation Offset Cidlen Cidl	(3700-3980)						1		
177_SA 3700-3980 80	Band		Channel		Mode				
Band BW Channel Frequency MHz Mode MIHz MIHz Mode MIHz Mode MIHz Mode MIHz Mode MIHz Mode MIHz Mode MIHz Mode MIHz Mode MIHz MIHz Mode MIHz Mode MIHz Mode MIHz Mode MIHz Mode MIHz Mode MIHz Mode MIHz Mode MIHz MIHz Mode MIHz MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE MIHZ MODE		(MHz)	649334		PI/2 RPSK				
Band BW Channel Frequency (MHz) Freque		80							
Miles Mile	(3700-3980)		662666		PI/2 BPSK				
N77_SA	Band		Channel		Mode				
Post	77.64	(MHz)	649668		DI/2 BDSK				
Band BW Channel Frequency (MHz) Freque									
MHz Charities (MHz) Milous Allocation Offset (J8mm) (J8mm) (J8mm)		90		3840	PI/2 BPSK			25.00	24.69
1			656000	3840 3934.98	PI/2 BPSK	1	1	25.00 25.00	24.69 23.84
100	(3700-3980)	BW	656000 662332	3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK	1 1 UL RB	1 UL RB	25.00 25.00 Max.Tune-up	24.69 23.84 Average power
1	(3700-3980)	BW	656000 662332	3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK Mode	1 1 UL RB Allocation	1 1 UL RB Offset	25.00 25.00 Max.Tune-up (dBm)	24.69 23.84 Average power (dBm)
100 656000 3750 16QAM 1 271 25,00 24,92 23,59	(3700-3980)	BW	656000 662332	3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK Mode	1 UL RB Allocation 1	1 UL RB Offset 1 271	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00	24.69 23.84 Average power (dBm) 24.84 24.96
100 650000 3750 16QAM 1 271 24.00 23.79 256QAM 1 271 25.00 24.04 270 0 23.00 22.59 1 270 0 23.00 22.59 270 0 23.00 22.09 256QAM 1 271 25.00 24.04 275 270 0 24.50 23.69 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.14 270 270 0 23.00 22.14 270 270 0 23.00 22.14 270 270 0 23.00 22.14 270 270 0 23.00 22.15 270 0 23.00 22.14 270 270 0 24.50 23.90 270	(3700-3980)	BW	656000 662332	3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK Mode	1 UL RB Allocation 1	1 1 UL RB Offset 1 271	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 24.50	24.69 23.84 Average power (dBm) 24.84 24.96 24.06
160000 3750 160AM	(3700-3980)	BW	656000 662332	3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK	1 UL RB Allocation 1	1 1 UL RB Offset 1 271 0	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 24.50 25.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84
177, SA (3700-3980) 100 656000 3840 100 656000 3840 100 656000 3840 100 662000 3930 100 100 100 100 100 100	(3700-3980)	BW	656000 662332	3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK	1 1 UL RB Allocation 1 1 270 1 1 270	1 1 UL RB Offset 1 271 0 1 271 0	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 24.50 25.00 25.00 24.50	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59
1 1 23.00 21.71 64QAM 1 271 23.00 21.80 270 0 23.00 22.09 1 1 1 22.00 20.07 256QAM 1 271 22.00 20.07 270 0 21.00 20.08 1 1 271 22.00 20.07 270 0 21.00 20.08 1 1 271 25.00 24.75 270 0 24.50 24.15 QPSK 1 271 25.00 24.04 270 0 24.50 23.69 1 1 1 25.00 24.69 QPSK 1 271 24.00 23.69 16QAM 1 271 24.00 22.88 16QAM 1 271 24.00 22.88 1 1 1 23.00 21.59 64QAM 1 271 23.00 20.88 270 0 23.00 21.59 64QAM 1 271 24.00 12.89 1 1 1 20.00 19.96 1 1 1 20.00 19.96 270 0 23.00 22.14 1 1 270 20.00 23.00 20.15 1 1 1 20.00 19.96 270 0 23.00 20.15 1 1 1 25.00 24.60 270 0 23.00 22.18 1 1 271 25.00 24.60 270 0 23.00 22.18 270 0 23.00 20.88 270 0 23.00 20.15 1 1 1 25.00 23.90 270 0 23.00 20.15 1 1 1 25.00 23.90 270 0 24.50 23.90 280 21.71 290 20 20 20 20 20 20 20 20 20 20 20 20 20	(3700-3980)	BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK	1 1 UL RB Allocation 1 1 270 1 270 1	1 1 UL RB Offset 1 271 0 1 271 0	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 24.50 25.00 24.50 24.50 24.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79
100 656000 3840 100 656000 3840 1 1 271 22.00 12.09 160AM 1 271 22.00 22.15 1 1 1 22.00 24.55 24.15 270 0 24.50 22.88 1 271 24.00 22.88 1 1 1 1 24.00 22.88 1 1 271 25.00 24.04 22.88 1 1 1 1 24.00 22.88 1 1 271 25.00 24.04 22.88 1 1 1 1 24.00 22.88 270 0 24.50 22.65 24.06 24.06 270 0 24.50 22.65 24.06 24.06 270 0 24.50 22.65 24.06 270 0 24.50 22.65 24.06 270 0 24.50 22.65 24.06 270 0 24.50 22.65 24.06 270 0 24.50 22.65 24.06 270 0 24.50 22.65 24.06 270 0 24.50 22.65 24.06 270 0 23.00 22.55 270 0 24.50 22.65 270 0 23.00 22.14 25.00 24.60 270 0 23.00 22.14 25.00 24.60 270 0 23.00 22.15 25.00 24.60 270 0 24.50 23.90 24.50 23.90 24.50 24.50 23.90 24.50 24.50 23.90 24.50 24.50 23.90 24.5	(3700-3980)	BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK	1 1 UL RB Allocation 1 270 1 270 1 270 1	1 1 UL RB Offset 1 271 0 1 271 0 1 271	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 24.50 25.00 25.00 24.50 24.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.93
1 1 22.00 20.07 256QAM 1 271 22.00 20.21 PI/2 BPSK 1 271 25.00 24.69 QPSK 1 271 25.00 24.69 QPSK 1 271 25.00 23.69 16QAM 1 271 24.00 23.69 16QAM 1 271 24.00 23.69 16QAM 1 271 23.00 21.59 64QAM 1 271 23.00 21.59 256QAM 1 271 22.00 19.96 PI/2 BPSK 1 1 271 23.00 24.64 1 1 23.00 23.69 1 1 2 270 0 24.50 23.69 1 1 1 22.00 19.96 1 1 270 0 23.00 22.65 1 1 271 23.00 20.88 270 0 23.00 22.65 1 1 270 23.00 23.00 16QAM 1 271 23.00 20.88 270 0 23.00 22.65 1 1 20.00 19.96 PI/2 BPSK 1 271 25.00 24.60 270 0 23.00 22.14 1 1 22.00 19.96 PI/2 BPSK 1 271 25.00 24.60 270 0 23.00 22.14 1 1 22.00 19.96 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.99 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.90 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.90 PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.90 PI/2 BPSK 1 271 25.00 PI/2 BPSK 1 2	(3700-3980)	BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK	1 1 UL RB Allocation 1 1 270 1 270 1 270 1 270	1 1 UL RB Offset 1 271 0 1 271 0 1 271 0	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 25.00 25.00 24.50 24.50 24.00 24.00 23.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.93 22.59
100 656000 3840 1 271 22,00 20.21 270 0 21.00 20.08 1 1 1 25.00 24.75 1 270 0 24.50 24.75 1 270 0 24.50 24.75 1 270 0 24.50 23.69 1 1 1 271 25.00 24.69 270 0 24.50 23.69 1 1 1 271 24.00 22.88 270 0 23.00 21.59 270 0 23.00 21.59 270 0 23.00 21.59 270 0 23.00 21.59 270 0 23.00 22.14 1 1 271 23.00 20.88 270 0 23.00 21.59 270 0 23.00 21.59 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.15 270 0 24.50 23.90 24.50 23.90 270 0 24.50 23.90 24.50 23.90 270 0 24.50 23.90 24.50 23.90 270 0 24.50 23.90 24.50 23.90 270 0 24.50 23.9	(3700-3980)	BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM	1 1 1 UL RB Allocation 1 270 1 1 270 1 1 270 1 1 270	1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0	25.00 Max.Tune-up (dBm) 25.00 24.50 25.00 24.50 25.00 24.50 24.00 24.00 24.00 23.00 23.00 23.00 23.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.93 22.59 21.71 21.80
100 656000 3840 PI/2 BPSK 1 271 25.00 24.04 275 270 0 24.50 24.05 270 0 24.50 24.04 270 270 0 24.50 24.04 270 270 24.50 24.04 270 270 24.50 24.04 270 270 24.50 24.04 270 270 24.50 24.04 270 24.50 23.69 270 24.50 23.69 270 24.50 23.69 270 270 24.50 23.69 270 270 270 270 270 270 270 270 270 270	(3700-3980)	BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM	1 1 1 UL RB Allocation 1 270 1 1 270 1 1 270 1 1 270	1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 24.50 25.00 24.50 25.00 24.50 24.00 23.00 23.00 23.00 23.00 23.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.93 22.59 21.71 21.80 22.09
PI/2 BPSK 1 271 25.00 24.04 270 0 24.50 24.15 1 1 25.00 24.69 QPSK 1 271 25.00 24.09 1 1 1 25.00 24.69 270 0 24.50 23.69 160AM 1 271 24.00 23.69 1 1 1 23.00 22.68 270 0 23.00 22.65 1 1 1 23.00 22.68 270 0 23.00 22.65 1 1 1 23.00 22.88 270 0 23.00 22.14 1 1 1 22.00 19.96 256QAM 1 271 22.00 19.96 270 0 23.00 22.14 1 1 271 22.00 19.96 270 0 23.00 23.09 270 0 23.00 23.09 270 0 23.00 23.09 270 0 23.00 23.09 270 0 23.00 23.09 270 0 23.00 23.09 270 0 23.00 23.09 270 0 24.50 23.99 1 1 271 25.00 23.99 QPSK 1 271 25.00 23.99 QPSK 1 271 25.00 23.99 QPSK 1 271 25.00 23.99 QPSK 1 271 25.00 23.99 1 1 25.00 23.99 QPSK 1 271 25.00 23.99 1 1 25.00 23.99 QPSK 1 271 25.00 23.99 1 1 25.00 23.99 QPSK 1 271 25.00 23.99 QPSK 1 271 25.00 23.99 QPSK 1 271 25.00 23.99 QPSK 1 271 25.00 23.99 QPSK 1 271 25.00 23.99 QPSK 1 271 25.00 23.99 1 1 24.00 23.59 270 0 24.50 23.28 1 1 271 25.00 23.99 270 0 23.00 22.19 40AM 1 271 24.00 23.59 270 0 23.00 22.19 270 0 23.00 22.19 270 0 23.00 22.19 270 0 23.00 22.19 270 0 23.00 22.19 270 0 23.00 22.19 270 0 23.00 22.19 270 0 23.00 22.19 270 0 23.00 22.19 270 0 23.00 22.19 270 0 23.00 22.19 270 0 23.00 22.19	(3700-3980)	BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM	1 1 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1	1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 25.00 25.00 25.00 24.50 24.00 24.00 23.00 23.00 23.00 23.00 22.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.93 22.59 21.71 21.80 22.09
100 656000 3840 16QAM 1 271 25.00 24.69 270 0 24.50 23.69 270 0 24.50 23.69 270 0 24.50 23.69 270 0 24.50 23.69 270 0 24.50 23.69 270 0 24.50 23.69 270 0 24.50 23.69 270 0 23.00 22.88 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.14 270 0 23.00 22.15 270 0 23.00 22.15 270 0 23.00 22.15 270 0 23.00 22.15 270 0 23.00 22.15 270 0 23.00 22.15 270 0 23.00 22.15 270 0 23.00 22.15 270 0 24.50 23.90 270 0 23.00 22.15 270 0 23.00 22.15 270 0 23.00 22.15 270 0 23.00 21.51 270 270 0	(3700-3980)	BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM	1 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 25.00 24.50 25.00 24.50 24.50 24.00 23.00 23.00 23.00 23.00 23.00 22.00 22.00 22.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.93 22.59 21.71 21.80 22.09 20.07 20.21
100 656000 3840 100 656000 3840 1 1 1 270 25.00 24.69 24.09 1 1 1 24.00 22.88 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.65 270 0 23.00 22.14 25.60 270 0 23.00 22.14 25.60 270 0 23.00 22.14 25.60 270 0 23.00 22.14 25.60 270 0 23.00 22.14 25.60 270 0 23.00 22.15 270 270 0 23.00 22.15 270 270 270 270 270 270 270 270 270 270	(3700-3980)	BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM	1 1 1 UL RB Allocation 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 25.00 25.00 25.00 24.50 24.50 24.00 23.00 23.00 23.00 23.00 22.00 22.00 22.00 21.00 25.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.93 22.59 21.71 21.80 22.09 20.07 20.01
100 656000 3840 16QAM	(3700-3980)	BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 271 0 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 0 1 1 1 271 0 0 0 0 0 0 0 0 1 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 2 1 1 2 1 2 1 1 2 1 1 2 1 2 1 2 1 1 2 1 2 1 2 1 2 1 1 2 2 1 2 2 1 2 1 2 1 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 24.50 25.00 24.50 24.00 24.00 23.00 23.00 23.00 23.00 22.00 22.00 25.00 25.00	24.69 23.84 Average power (dBm) 24.84 24.94 24.96 24.84 24.92 23.59 23.79 23.79 23.93 22.59 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04
100 656000 3840 16QAM 1 271 24,00 23,69 22,288 270 0 23,00 22,288 270 0 23,00 22,265 270 0 23,00 22,14 270 23,00 22,14 270 23,00 22,14 270 23,00 22,14 270 23,00 22,14 270 23,00 22,14 270 23,00 22,14 270 256QAM 1 271 22,00 19,29 270 0 21,00 20,15 270 0 21,00 20,15 270 270 0 21,00 20,15 270	(3700-3980)	BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 271 0 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 1 1 271 0 0 0 1 1 1 271 0 0 0 0 0 0 0 0 1 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 2 1 1 2 1 2 1 1 2 1 1 2 1 2 1 2 1 1 2 1 2 1 2 1 2 1 1 2 2 1 2 2 1 2 1 2 1 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 24.50 25.00 24.50 25.00 24.50 24.00 24.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.93 22.59 21.71 21.80 22.09 20.07 20.021 20.08 24.75 24.04 24.15
(3700-3980) 100 656000 3840 16QAM 1 271 24.00 22.88 (3700-3980) 100 656000 3840 16QAM 1 271 24.00 22.65 1 1 1 23.00 21.59 64QAM 1 271 23.00 20.88 270 0 23.00 22.84 1 1 270 20.01 19.95 1 1 1 22.00 19.96 1 1 1 20.00 19.96 1 1 1 20.00 19.29 1 270 0 21.00 20.15 1 1 1 20.00 20.15 1 1 1 20.00 20.15 1 1 1 20.00 20.15 1 1 1 20.00 20.15 1 1 1 20.00 20.15 1 1 1 20.00 20.15 1 1 1 20.00 20.15 1 270 0 24.50 23.90 1 20.00 20.15 1 1 1 20.00 19.25 1 1 20.00	(3700-3980)	BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 271 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 24.50 25.00 24.50 24.00 24.00 23.00 23.00 23.00 23.00 23.00 22.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.93 22.59 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04 24.15 24.69 24.04
(3700-3980) 1	(3700-3980)	BW	656000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 24.50 25.00 24.50 25.00 24.00 24.00 23.00 23.00 23.00 23.00 22.00 21.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00	24.69 23.84 Average power (dBm) 24.84 24.94 24.96 24.06 24.84 24.92 23.59 23.79 23.79 23.93 22.59 21.71 21.80 20.07 20.01 20.08 24.75 24.04 24.15 24.09 24.05 24.05 24.09 24.09 24.09 24.09 24.09 24.09 24.09 24.09 24.09 24.09 24.09 24.09 24.09 24.09
64QAM 1 271 23.00 20.88 270 0 23.00 22.14 1 1 22.00 19.96 256QAM 1 271 22.00 19.96 256QAM 1 271 22.00 19.29 270 0 23.00 23.00 22.14 271 22.00 19.29 270 0 21.00 20.15 270 0 24.00 23.90 24.60 270 0 24.50 23.90 24.60 270 0 24.50 23.99 270 0 24.50 23.99 270 0 24.50 23.99 270 0 24.50 23.99 270 0 24.50 23.99 270 0 24.50 23.29 270 0 24.50 23.28 270 0 24.50 23.28 270 0 24.50 23.28 270 0 24.50 23.28 270 0 24.50 23.28 270 0 24.50 23.28 270 0 24.50 23.28 270 0 24.50 23.28 270 0 24.50 23.29 270 270 270 270 270 270 270 270 270 270	(3700-3980) Band n77_SA	BW (MHz)	65000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 25.00 24.50 25.00 24.50 24.00 24.00 23.00 23.00 23.00 23.00 23.00 22.00 21.00 25.00 25.00 25.00 25.00 24.00 22.00 21.00 25.00 25.00 25.00 24.50 25.00 24.50 25.00 24.50 25.00	24.69 23.84 Average power Average power 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.79 23.93 22.59 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04 24.65 24.69 24.04 23.69
270 0 23.00 22.14	(3700-3980) Band n77_SA	BW (MHz)	65000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 271 0 1 0 1 0 1 0 1 0 1 0 1 1 0 1 0 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 25.00 24.50 25.00 24.50 24.00 24.00 23.00 23.00 23.00 22.00 22.00 25.00 25.00 22.00 25.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.39 22.59 21.71 21.80 20.07 20.21 20.08 24.75 24.04 24.15 24.69 24.04 23.69 23.69 23.69 23.69 23.69 23.69 23.69 23.69
1 1 22.00 19.96	(3700-3980) Band n77_SA	BW (MHz)	65000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 25.00 24.50 25.00 24.50 24.00 24.00 23.00 23.00 23.00 23.00 22.00 21.00 25.00 25.00 24.50 24.00 24.00 23.00 23.00 23.00 23.00 24.00 23.00 23.00 23.00 24.50 25.00 24.50 25.00 24.50 24.50 25.00 24.50	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.79 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04 24.15 24.69 24.04 23.69 23.69 23.69 23.69 23.69 22.88 22.88
256QAM	(3700-3980) Band n77_SA	BW (MHz)	65000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 25.00 24.50 25.00 24.50 24.00 23.00 23.00 23.00 23.00 23.00 21.00 25.00 25.00 24.50 23.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.93 22.59 21.71 21.80 20.07 20.01 20.08 24.75 24.04 24.15 24.69 24.04 23.69 23.69 22.88 22.85 21.89
662000 3930 1 1 25.00 23.90 24.60 270 0 24.50 23.79 24.60 270 0 24.50 23.79 24.60 270 0 24.50 23.79 24.60 270 0 24.50 23.79 24.62 270 0 24.50 23.28 270 0 24.50 23.28 270 0 24.50 23.28 270 0 24.50 23.28 270 0 24.50 23.28 270 0 23.00 23.59 270 0 23.00 22.19 270 270 0 23.00 21.51 270 270 0 23.00 21.51 270 270 0 23.00 21.51 270 27	(3700-3980) Band n77_SA	BW (MHz)	65000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 25.00 24.50 25.00 24.50 25.00 24.50 24.00 23.00 23.00 23.00 23.00 23.00 22.00 21.00 25.00 25.00 25.00 24.50 25.00	24.69 23.84 Average power (dBm) 24.84 24.94 24.96 24.84 24.92 23.59 23.79 23.79 23.79 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04 24.15 24.69 23.69 23.69 23.69 23.69 23.69 23.69 22.88 22.88 22.85 20.88
PI/2 BPSK 1 271 25.00 24.60 270 0 24.50 23.79 1 1 1 25.00 23.92 270 0 24.50 23.79 270 270 0 24.50 23.79 270 270 0 24.50 23.28 270 0 24.50 23.28 270 0 24.50 23.28 270 0 24.50 23.28 270 0 23.00 22.19 270 0 23.00 22.19 270 0 23.00 22.19 270 0 23.00 21.51 270 270 0 23.00 21.51 270 270 0 23.00 21.51 270 270 0 23.00 21.52 270 0 23.00 21.52 270 270 0 23.00 21.52 270 270 0 23.00 21.52 270 270 23.00 21.52 270 25.00 23.00 21.52 270 25.00 23.00 21.52 270 0 23.00 21.52 270 25.00 23.00 21.52 270 25.00 23.00 21.52 270 25.00 23.00 21.52 270 25.00 23.00 21.52 270 25.00 23.00 21.52 25.00 25.0	(3700-3980) Band n77_SA	BW (MHz)	65000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 64QAM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 UL RB Offset 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271	25.00 25.00 Max.Tune-up (dsm) 25.00 25.00 24.50 25.00 24.50 25.00 24.50 24.00 23.00 23.00 23.00 23.00 23.00 22.00 25.00 24.50 24.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 23.00 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.84 24.96 24.84 24.92 23.59 23.79 23.93 22.59 21.71 21.80 22.09 20.07 20.021 20.08 24.75 24.04 23.69 24.04 23.69 22.88 22.65 21.59 20.88 22.65 21.59 20.88 22.14
662000 3930 16QAM 1 271 23.00 23.92 1 1 25.00 23.92 270 0 24.50 23.92 270 0 24.50 23.28 1 1 27.1 24.00 22.87 270 0 24.50 23.28 1 1 1 24.00 23.59 270 0 23.00 22.19 1 1 23.00 20.92 64QAM 1 27.1 23.00 21.51 270 0 23.00 21.51 270 0 23.00 21.51 270 0 23.00 21.92 270 0 23.00 21.92 270 0 23.00 21.92 270 0 23.00 21.92 270 0 23.00 21.92 270 0 23.00 21.92	(3700-3980) Band n77_SA	BW (MHz)	65000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 64QAM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 24.50 25.00 24.50 25.00 24.50 24.00 24.00 24.00 23.00 23.00 23.00 22.00 25.00 25.00 24.50 25.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.79 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04 24.15 24.69 24.04 24.15 24.69 23.69 23.69 22.88 22.65 21.59 20.88 22.14 19.96
662000 3930 1 1 1 25.00 23.92 160200 3930 2 16020 1 24.00 22.87 160200 1 24.00 22.87 160200 1 24.00 22.87 160200 1 24.00 22.87 1 270 0 23.00 22.19 1 1 23.00 22.19 64020 1 270 0 23.00 21.51 270 0 23.00 21.51 270 0 23.00 21.52 270 0 23.00 21.52 270 0 23.00 21.52 270 0 23.00 21.52 270 0 23.00 21.72 270 0 23.00 21.72 270 0 23.00 21.72 270 0 23.00 21.72 270 0 23.00 21.72	(3700-3980) Band n77_SA	BW (MHz)	65000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK 256QAM 256QAM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 24.50 25.00 24.50 25.00 24.50 24.00 23.00 23.00 23.00 23.00 22.00 25.00 25.00 24.50 25.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.79 23.79 20.07 20.07 20.021 20.08 24.75 24.04 23.69 24.69 22.88 22.65 21.59 20.88 22.14 19.96
662000 3930 270 0 24.50 23.28 1 1 1 24.00 22.87 22.89 1 60AM 1 271 24.00 23.59 270 0 23.00 22.19 1 1 1 23.00 20.92 271 23.00 21.51 270 0 23.00 21.51 270 0 23.00 21.51 270 0 23.00 21.52 270 0 23.00 21.52 270 0 23.00 21.52 270 25.00 21.52 270 0 23.00 21.52 270 25.00 21.52 270 25.00 21.52 21.72 25.00 19.29 25.00 1 1 1 22.00 19.29 25.00 2	(3700-3980) Band n77_SA	BW (MHz)	65000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK 256QAM 256QAM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 271 0 1 271	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 25.00 24.50 25.00 24.50 24.00 24.00 24.00 24.00 23.00 23.00 23.00 23.00 22.00 25.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.96 24.84 24.92 23.59 23.79 23.93 22.59 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04 24.15 24.69 24.04 24.15 24.69 23.69 23.69 22.88 22.65 22.88 22.15 21.59 20.88 22.14 19.96 19.29 20.15 23.90
662000 3930 16QAM 1 271 24.00 23.59 270 0 23.00 22.19 1 1 271 23.00 20.92 64QAM 1 271 23.00 21.51 270 0 23.00 21.72 1 1 22.00 19.22 256QAM 1 271 22.00 19.29	(3700-3980) Band n77_SA	BW (MHz)	65000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 25.00 24.50 25.00 24.50 25.00 24.50 24.00 24.00 23.00 23.00 23.00 23.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 24.50 25.00 25.00 24.50 25.00 25.00 24.50 25.00 25.00 24.50 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.37 22.59 21.71 21.80 20.07 20.21 20.08 24.75 24.04 24.15 24.69 24.04 23.69 23.69 23.69 23.69 23.69 23.69 23.88 22.88 22.88 22.14 19.96 19.29 20.15 23.90 24.60 23.79
662000 3930 16QAM 1 271 24.00 23.59 270 0 23.00 22.19 1 1 23.00 20.92 64QAM 1 271 23.00 21.51 270 0 23.00 21.51 270 0 23.00 21.52 270 0 23.00 21.72 256QAM 1 271 22.00 19.22	(3700-3980) Band n77_SA	BW (MHz)	65000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25.00 25.00 Max.Tune-up (dBm) (dBm) 25.00 25.00 25.00 24.50 25.00 24.50 24.00 24.00 23.00 23.00 23.00 23.00 22.00 21.00 25.00 24.50 25.00	24.69 23.84 Average power Average power Average power 24.84 24.94 24.96 24.84 24.92 23.59 23.79 23.79 23.79 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04 23.69 24.04 23.69 22.88 22.14 29.95 20.88 22.14 19.96 20.15 23.90 24.60
270 0 23.00 22.19 1 1 23.00 20.92 64QAM 1 271 23.00 21.51 270 0 23.00 21.72 1 1 22.00 19.22 256QAM 1 271 22.00 19.22	(3700-3980) Band n77_SA	BW (MHz)	65000 662332 Channel	3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 25.00 24.50 25.00 24.50 25.00 24.50 24.00 23.00 23.00 23.00 23.00 23.00 22.00 21.00 25.00 24.50 24.50 25.00 25.00 25.00 26.00 27.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.79 23.79 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04 24.15 24.69 23.69 23.69 23.69 23.69 23.69 23.69 23.69 23.69 23.69 23.69 23.69 23.79 20.88 22.88 22.65 21.59 20.88 22.84 22.85 22.88 22.65 23.89 23.89 23.89 23.89 23.89 23.89 23.89 23.89 23.89 23.89 23.89 23.89 23.89 23.89 24.60 23.79 24.60 23.79 24.60
64QAM 1 271 23.00 21.51 270 0 23.00 21.72 1 1 22.00 19.22 256QAM 1 271 22.00 19.89	(3700-3980) Band n77_SA	BW (MHz)	656000 662332 Channel 650000	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM PI/2 BPSK	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 271 0 1	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 25.00 24.50 25.00 24.50 25.00 24.00 23.00 23.00 23.00 23.00 22.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 24.50 25.00 25.00 24.50 25.00 25.00 25.00 24.50 25.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.06 24.84 24.92 23.59 23.79 23.93 22.59 21.71 21.80 20.07 20.01 20.08 24.75 24.04 24.15 24.69 24.05 22.88 22.88 22.14 29.08 21.79 20.07 20.01 20.08 24.75 24.04 24.15 24.69 24.04 24.15 24.69 23.69 23.69 23.69 23.69 23.69 23.69 23.69 23.89 22.88 22.14 24.94 24.15 24.95 24.94 24.95 24.95 25.88 25.88 26.88 27.98 28.88 28.89 29.88 29.88 20.88
270 0 23.00 21.72 1 1 22.00 19.22 256QAM 1 271 22.00 19.89	(3700-3980) Band n77_SA	BW (MHz)	656000 662332 Channel 650000	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM PI/2 BPSK	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 24.50 25.00 24.50 25.00 24.50 24.00 24.00 24.00 23.00 23.00 23.00 22.00 21.00 25.00 24.50 24.50 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 24.50 25.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.96 24.84 24.92 23.59 23.79 23.79 23.79 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04 24.15 24.69 24.04 24.15 24.69 23.69 23.69 22.88 22.28 22.65 21.59 20.88 22.14 29.90 20.15 20.90 20.
1 1 22.00 19.22 256QAM 1 271 22.00 19.89	(3700-3980) Band n77_SA	BW (MHz)	656000 662332 Channel 650000	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM 64QAM 256QAM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 UL RB Offset 1 271 0 1 1 271 0 1 1 271 0 1	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 25.00 24.50 25.00 24.50 25.00 24.50 24.00 23.00 23.00 23.00 23.00 23.00 23.00 22.00 21.00 25.00 24.50 25.00 24.50 25.00 25.00 25.00 25.00 26.00 27.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.84 24.96 24.84 24.92 23.59 23.79 23.79 23.93 22.59 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04 23.69 24.64 23.69 22.88 22.65 21.59 20.88 22.14 19.96 21.99 20.15 21.99 21.99
	(3700-3980) Band n77_SA	BW (MHz)	656000 662332 Channel 650000	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM 64QAM 256QAM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 ULRB Offset 1 271 0 1 271	25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 25.00 24.50 25.00 24.50 24.00 24.00 24.00 23.00 23.00 23.00 23.00 25.00 24.50 24.50 24.00 23.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.84 24.96 24.84 24.92 23.59 23.79 23.93 22.59 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04 24.15 24.69 24.04 24.15 24.69 23.69 23.69 23.88 22.88 22.14 19.96 19.29 20.15 23.90 24.60 23.79 23.92 24.60 23.79 23.92 24.60 23.79 23.92 24.60 23.79 23.92 24.60 23.79 23.92 24.62 23.28
270 0 21.00 19.67	(3700-3980) Band n77_SA	BW (MHz)	656000 662332 Channel 650000	3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK 16QAM 64QAM 64QAM 64QAM 64QAM 64QAM 64QAM 64QAM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 24.50 25.00 24.50 25.00 24.50 24.00 23.00 23.00 23.00 23.00 23.00 22.00 25.00 25.00 24.50 25.00 25.00 25.00 25.00 25.00 25.00 26.00 27.00	24.69 23.84 Average power (dBm) 24.84 24.96 24.84 24.96 24.84 24.92 23.59 23.79 23.79 21.71 21.80 22.09 20.07 20.21 20.08 24.75 24.04 23.69 23.69 23.69 22.88 22.14 19.26 20.88 22.14 19.29 20.15 23.90 24.60 24.60 24.





P-sensor on

			-					
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)	630334	(MHz) 3455.01	PI/2 BPSK	Allocation 1	Offset 1	24.00	(dBm) 23.07
n77 SA	10	633334	3500.01	PI/2 BPSK	1	1	24.00	23.10
,,_0,,	10	636334	3545.01	PI/2 BPSK	1	1	24.00	23.15
	BW		Frequency		UL RB	UL RB	Max.Tune-	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	up	(dBm)
		630500	3457.5	PI/2 BPSK	1	1	24.00	23.22
n77_SA	15	633334	3500.01	PI/2 BPSK	1	1	24.00	23.21
		636166	3542.49	PI/2 BPSK	1	1	24.00	23.17
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	au	(dBm)
	20	630668	3460.02	PI/2 BPSK	1	1	24.00	23.16
n77_SA	20	633334	3500.01	PI/2 BPSK	1	1	24.00	23.17 23.25
	BW	636000	3540	PI/2 BPSK	UL RB	UL RB	24.00	
Band	(MHz)	Channel	Frequency (MHz)	Mode	Allocation	Offset	Max.Tune-	Average power
	(IVIHZ)	631000	3465	PI/2 BPSK	Allocation 1	1	24.00	23.25
n77_SA	30	633334	3500.01	PI/2 BPSK	1	1	24.00	23.14
_		635666	3534.99	PI/2 BPSK	1	1	24.00	23.28
David	BW		Frequency		UL RB	UL RB	Max.Tune-	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	up	(dBm)
		631334	3470.01	PI/2 BPSK	1	1	24.00	23.08
n77_SA	40	633334	3500.01	PI/2 BPSK	1	1	24.00	23.04
		635334	3530.01	PI/2 BPSK	1	1	24.00	23.10
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	up	(dBm)
n77_SA	50	631668	3475.02	PI/2 BPSK	1	1	24.00	23.26
11/7_3A	30	633334	3500.01 3525	PI/2 BPSK PI/2 BPSK	1	1	24.00 24.00	23.14 23.07
	BW	635000	Frequency	PI/Z BPSK	UL RB	UL RB	Max.Tune-	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	up	(dBm)
	(101112)	632000	3480	PI/2 BPSK	1	1	24.00	23.11
n77 SA	60	633334	3500.01	PI/2 BPSK	1	1	24.00	23.08
_		634666	3519.99	PI/2 BPSK	1	1	24.00	23.05
Band	BW		Frequency		UL RB	UL RB	Max.Tune-	Average power
Ballu	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	up	(dBm)
		632334	3485.01	PI/2 BPSK	1	1	24.00	23.18
n77_SA	70	633334	3500.01	PI/2 BPSK	1	1	24.00	23.14
		634334	3515.01	PI/2 BPSK	1	1	24.00	23.10
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)	500550	(MHz)	DI /2 DDSI/	Allocation	Offset	up	(dBm)
n77 SA	80	632668	3490.02	PI/2 BPSK	1	1	24.00	23.25 23.22
1177_3A	80	633334 634000	3500.01 3510	PI/2 BPSK PI/2 BPSK	1	1	24.00 24.00	23.11
	BW		Frequency		UL RB	UL RB	Max.Tune-	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	up	(dBm)
	(101112)	633000	3495	PI/2 BPSK	1	1	24.00	23.36
n77_SA	90	633334	3500.01	PI/2 BPSK	1	1	24.00	23.21
		633666	3504.99	PI/2 BPSK	1	1	24.00	23.18
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
Dullu	(MHz)	Chamile	(MHz)	IVIOUE	Allocation	Offset	au	(dBm)
		1			1	1	24.00	23.65
		1		PI/2 BPSK	1	271	24.00	23.61
		1			270	0	23.50	23.27
		1		QPSK	1	1	24.00	23.78
				QPSK		271	24.00	23.76
		i	1		270 1	0 1	23.50 23.00	23.38 22.62
n77 SA	100	633334	3500.01	160AM	1 1	271	23.00	
n77_SA	100	633334	3500.01	16QAM	<u>1</u> 270	271 0	23.00	22.57 21.73
n77_SA	100	633334	3500.01	16QAM	270 1	271 0 1	23.00 22.00 22.00	21.73
n77_SA	100	633334	3500.01	16QAM 64QAM	270	0	22.00	
n77_SA	100	633334	3500.01		270 1	0 1	22.00 22.00	21.73 21.60
n77_SA	100	633334	3500.01	64QAM	270 1 1	0 1 271	22.00 22.00 22.00	21.73 21.60 21.64
n77_SA	100	633334	3500.01		270 1 1 270	0 1 271 0	22.00 22.00 22.00 21.00	21.73 21.60 21.64 20.64





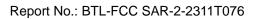
BW							
	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	647000	(MHz) 3705	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 24.00	(dBm) 23.12
10	656000	3840	PI/2 BPSK	1	1	24.00	23.18
D11/	665000	3975	PI/2 BPSK	1	1	24.00	23.11
BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
(IVIIIZ)	647168	3707.52	PI/2 BPSK	1	1	24.00	23.18
15	656000	3840	PI/2 BPSK	1	1	24.00	23.14
BW	664832	3972.48	PI/2 BPSK	1 UL RB	UL RB	24.00	23.06
(MHz)	Channel	Frequency (MHz)	Mode	Allocation	Offset	Max.Tune-up (dBm)	Average power (dBm)
11411127	647334	3710.01	PI/2 BPSK	1	1	24.00	23.06
20	656000	3840	PI/2 BPSK	1	1	24.00	22.95
BW	664666	3969.99 Frequency	PI/2 BPSK	1 UL RB	UL RB	24.00 Max.Tune-up	23.07
(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	Average power (dBm)
	647666	3714.99	PI/2 BPSK	1	1	24.00	23.15
30	656000	3840	PI/2 BPSK	1	1	24.00	23.08
BW	664334	3965.01 Frequency	PI/2 BPSK	UL RB	UL RB	24.00 Max.Tune-up	23.19 Average power
(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	648000	3720	PI/2 BPSK	1	1	24.00	23.20
40	656000	3840	PI/2 BPSK	1	1	24.00	23.12
BW	664000	3960	PI/2 BPSK	1	UL RB	24.00	23.24
(MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	Offset	Max.Tune-up (dBm)	Average power (dBm)
	648334	3725.01	PI/2 BPSK	1	1	24.00	23.27
50	656000	3840	PI/2 BPSK	1	1	24.00	23.18
D\A'	663666	3954.09	PI/2 BPSK	1	1	24.00	23.29
BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
.1111141	648668	3730.02	PI/2 BPSK	Allocation 1	1	24.00	23.41
60	656000	3840	PI/2 BPSK	1	1	24.00	23.31
DM	663332	3949.98	PI/2 BPSK	1	1	24.00	23.40
BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
UVITIZI	649000	3735	PI/2 BPSK	Allocation 1	1	24.00	23.48
70	656000	3840	PI/2 BPSK	1	1	24.00	23.37
	663000	3945	PI/2 BPSK	1	11	24.00	23.44
BW (MHz)	Channel	Frequency	Mode	UL RB	UL RB Offset	Max.Tune-up (dBm)	Average power
(IVIHZ)	649334	(MHz) 3740.01	PI/2 BPSK	Allocation 1	1	24.00	(dBm) 23.55
80	656000	3840	PI/2 BPSK	1	1	24.00	23.42
	662666	3939.99	PI/2 BPSK	1	1	24.00	23.50
BW	Channel	Frequency	Mode	UL RB Allocation	UL RB	Max.Tune-up	Average power
(MHz)	649668	(MHz) 3745.02	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 24.00	(dBm) 23.59
90	656000	3840	PI/2 BPSK	1	1	24.00	23.50
	662332	3934.98	PI/2 BPSK				
			PI/Z BP3K	1	1	24.00	23.57
BW (NAH-)	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
BW (MHz)						Max.Tune-up (dBm)	Average power (dBm)
		Frequency		UL RB Allocation 1	UL RB Offset 1 271	Max.Tune-up (dBm) 24.00 24.00	Average power (dBm) 23.63 23.61
		Frequency	Mode	UL RB Allocation 1 1 270	UL RB Offset 1 271 0	Max.Tune-up (dBm) 24.00 24.00 23.50	Average power (dBm) 23.63 23.61 23.28
		Frequency	Mode PI/2 BPSK	UL RB Allocation 1 1 270	UL RB Offset 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00	Average power (dBm) 23.63 23.61 23.28 23.89
		Frequency	Mode	UL RB Allocation 1 1 270 1	UL RB Offset 1 271 0 1 271	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 24.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81
	Channel	Frequency (MHz)	Mode PI/2 BPSK QPSK	UL RB Allocation 1 1 270	UL RB Offset 1 271 0 1 271 0 1 271 1	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 24.00 23.50 23.50	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60
		Frequency	Mode PI/2 BPSK	UL RB Allocation 1 1 270 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 0 1 271 1 271	Max.Tune-up (dBm) 24.00 23.50 24.00 24.00 24.00 23.50 23.50 23.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55
	Channel	Frequency (MHz)	Mode PI/2 BPSK QPSK	UL RB Allocation 1 1 270 1 270 1 1 270 1 270	UL RB Offset 1 271 0 1 271 0 1 271 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 24.00 23.50 23.00 23.00 22.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71
	Channel	Frequency (MHz)	Mode PI/2 BPSK QPSK	UL RB Allocation 1 1 270 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 0 1 271 1 271	Max.Tune-up (dBm) 24.00 24.00 24.00 23.50 24.00 23.50 23.00 23.00 22.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58
	Channel	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM	UL RB Allocation 1 1 270 1 270 1 270 1 1 270 1 1 1	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 1 1 271 1	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 24.00 23.50 23.00 23.00 22.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 22.44 22.60 22.55 21.71 21.58 21.62 20.62
	Channel	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM	UL RB Allocation 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 23.50 23.00 23.00 22.00 22.00 22.00 21.00 21.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52
	Channel	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM	UL RB Allocation 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 1 271 1 271 1 271	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 23.50 23.00 22.00 22.00 21.00 21.00 21.00	Average power (dBm) 23.63 23.61 23.28 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.52 20.48
	Channel	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM	UL RB Allocation 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 23.50 23.00 23.00 22.00 22.00 21.00 21.00 21.00 20.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 22.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64
	Channel	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM	UL RB Allocation 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0	Max.Tune-up (dBm) 24.00 24.00 24.00 24.00 23.50 23.50 23.00 22.00 22.00 22.00 21.00 21.00 21.00 24.00 24.00 24.00	Average power (dBm) 23.63 23.61 23.28 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.52 20.48
	Channel	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM	UL RB Allocation 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 0 0 0 0	Max.Tune-up (dBm) 24.00 24.00 24.00 23.50 23.00 23.00 22.00 21.00 21.00 21.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 23.50	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21
	Channel	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	UL RB Allocation 1 1 1 1 2770 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 23.50 23.00 22.00 22.00 21.00 21.00 21.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63
	Channel	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM	UL RB Allocation 1 1 1 1 1 1 270 1 270 1 1 270 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 271 271 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 24.00 23.50 23.50 23.00 22.00 22.00 21.00 21.00 21.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63
(MHz)	650000	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	UL RB Allocation 1 1 1 1 2770 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 23.50 23.00 22.00 22.00 21.00 21.00 21.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63
	Channel	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	UL RB Allocation 1 1 1 1 1 1 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 23.50 22.00 22.00 21.00 21.00 24.00 24.00 24.00 24.00 24.00 23.50 24.00 23.50 24.00 25.00 24.00 25.00 24.00 25.00 24.00 25.00 24.00 24.00 24.00 23.50 24.00 23.50 23.00 23.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63 23.61 23.15 22.53 22.48
(MHz)	650000	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	UL RB Allocation 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 271 0 1 271 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 23.50 23.00 23.00 22.00 22.00 21.00 21.00 21.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 23.50 23.50 23.00 23.00 23.00 23.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 23.56 23.51 23.21 23.63 23.61 23.15 22.53 22.48 21.64
(MHz)	650000	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	UL RB Allocation 1 1 1 1 1 1 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 23.50 22.00 22.00 21.00 21.00 24.00 24.00 24.00 24.00 24.00 23.50 24.00 23.50 24.00 25.00 24.00 25.00 24.00 25.00 24.00 25.00 24.00 24.00 24.00 23.50 24.00 23.50 23.00 23.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63 23.61 23.15 22.53 22.48
(MHz)	650000	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	UL RB Allocation 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 24.00 23.50 23.50 22.00 21.00 21.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 23.50 24.00 24.00 24.00 24.00 23.50 23.00 23.00 22.00 22.00 22.00 23.00 23.00 23.00 22.00 22.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63 23.61 23.15 22.248 21.64 21.55
(MHz)	650000	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM PI/2 BPSK QPSK 16QAM 64QAM	UL RB Allocation 1 1 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 24.00 23.50 23.50 23.00 22.00 21.00 24.00 24.00 24.00 24.00 20.00 21.00 20.00 24.00 22.00 22.00 20.00 21.00 21.00 21.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63 23.61 23.15 22.53 22.48 21.64 21.55 21.55 20.55 20.45
(MHz)	650000	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	UL RB Allocation 1 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271	Max.Tune-up (dBm) 24.00 24.00 23.50 23.00 22.00 21.00 23.50 24.00 21.00 21.00 21.00 23.50 22.00 21.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63 23.61 23.15 22.53 22.48 21.64 21.55 20.55 20.55 20.45 20.41
(MHz)	650000	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM PI/2 BPSK QPSK 16QAM 64QAM	UL RB Allocation 1 1 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 24.00 23.50 23.50 23.00 22.00 21.00 24.00 24.00 24.00 24.00 20.00 21.00 20.00 24.00 22.00 22.00 20.00 21.00 21.00 21.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63 23.61 23.15 22.53 22.48 21.64 21.55 21.55 20.55 20.45
(MHz)	650000	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM PI/2 BPSK QPSK 16QAM 64QAM	UL RB Allocation 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 270 1 1 270	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0	Max.Tune-up (dBm) 24.00 24.00 24.00 23.50 23.50 22.00 22.00 21.00 24.00 24.00 24.00 24.00 21.00 21.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 23.50 24.00 23.50 24.00 23.50 24.00 23.00 23.00 23.00 23.00 23.00 23.00 22.00 22.00 22.00 22.00 22.00 21.00 21.00 21.00 20.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63 23.61 23.15 23.25 22.48 21.64 21.55 21.55 21.55 20.45 20.45 20.45
(MHz)	650000	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM	UL RB Allocation 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270	UL RB Offset 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 24.00 23.50 23.50 23.00 22.00 21.00 21.00 24.00 24.00 24.00 24.00 24.00 24.00 23.50 23.50 24.00 21.00 21.00 20.00 24.00 24.00 23.50 23.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 22.00 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.52 20.52 20.48 19.64 23.56 23.51 23.61 23.15 23.21 24.63 25.55 26.45 26.45 27.55 28.48 29.69 29.55 20.49 29.55 20.49 20.55 20.40 20.55 20.40 20.55 20.45 20.55 20.45 20.45 20.45 20.45 20.55 20.45 20.45 20.45 20.55 20.45 20.45 20.55 20.45 20.45 20.55 20.45
(MHz)	650000	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	UL RB Allocation 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1	UL RB Offset 1 271 0 1 271 271 271 271 271 271 271 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 23.50 22.00 21.00 24.00 24.00 23.50 24.00 24.00 24.00 24.00 24.00 24.00 23.50 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 23.50 24.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63 23.61 23.15 22.53 22.48 21.64 21.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.41 19.57 23.63 23.55 23.23 23.88
(MHz)	650000	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM	UL RB Allocation 1 1 270 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271	Max.Tune-up (dBm) 24.00 24.00 23.50 23.00 22.00 21.00 24.00 23.50 24.00 24.00 24.00 24.00 24.00 24.00 25.00 20.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 23.56 23.51 23.21 23.63 23.61 23.15 22.53 22.48 21.64 21.55 20.55 20.45 20.45 20.45 20.45 20.45 20.45 23.51 23.23 23.88 23.75
(MHz)	650000 656000	3750 3840	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	UL RB Allocation 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1	UL RB Offset 1 271 0 1 271 271 271 271 271 271 271 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 23.50 24.00 23.50 22.00 21.00 24.00 24.00 23.50 24.00 24.00 24.00 24.00 24.00 24.00 23.50 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 23.50 24.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63 23.61 23.15 22.53 22.48 21.64 21.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.55 20.41 19.57 23.63 23.55 23.23 23.88
(MHz)	650000	Frequency (MHz)	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	UL RB Allocation 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271	Max.Tune-up (dBm) 24.00 24.00 24.00 23.50 23.00 22.00 21.00 24.00 23.50 24.00 23.50 23.00 23.00 23.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63 23.61 23.15 23.21 24.62 20.52 20.48 23.55 23.51 23.21 23.63 23.61 23.55 22.48 21.64 21.55 20.55 20.45 20.41 19.57 23.63 23.55 20.45 20.41 23.55 20.45 20.41 23.55 20.45 20.41 23.55 20.45 20.41 23.55 20.45 20.41 23.55 20.45 20.41 23.55 23.23 23.88 23.75 23.28 23.88 23.75 23.19 22.60
(MHz)	650000 656000	3750 3840	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	UL RB Allocation 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 270 1 270 1 1 270 270	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 0 1 1 271 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	Max.Tune-up (dBm) 24.00 24.00 24.00 23.50 22.00 21.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 24.00 23.50 23.50 23.50 23.50 23.00 23.00 22.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 23.56 23.51 23.21 23.63 23.61 23.15 22.53 22.48 21.64 21.55 20.55 20.45 20.41 19.57 23.63 23.55 20.45 23.51 23.21 23.63 23.75 23.75 23.88 23.75 23.89 22.60 22.55 21.71
(MHz)	650000 656000	3750 3840	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK 16QAM	UL RB Allocation 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 0 1 271 271 0 1 271 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	Max.Tune-up (dBm) 24.00 24.00 23.50 22.00 22.00 22.00 22.00 21.00 24.00 24.00 24.00 24.00 24.00 24.00 23.50 24.00 24.00 23.50 24.00 24.00 23.50 24.00 22.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 19.64 23.56 23.51 23.21 23.63 23.61 23.15 22.53 20.52 20.53 20.53 20.55 20.5
(MHz)	650000 656000	3750 3840	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	UL RB Allocation 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 270 1 270 1 1 270 270	UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 0 1 1 271 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	Max.Tune-up (dBm) 24.00 24.00 24.00 23.50 22.00 21.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 24.00 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 24.00 23.50 23.50 23.50 23.50 23.00 23.00 22.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 23.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 23.56 23.51 23.21 23.63 23.61 23.15 22.55 20.45 20.41 19.57 23.63 23.55 20.45 20.41 19.57 23.63 23.55 23.23 23.88 23.75 23.19 22.60 22.55 21.71
(MHz)	650000 656000	3750 3840	Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK 16QAM	UL RB Allocation 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UL RB Offset 1 271 0 1 271 271 0 1 271	Max.Tune-up (dBm) 24.00 24.00 24.00 23.50 22.00 22.00 24.00 22.00 22.00 22.00	Average power (dBm) 23.63 23.61 23.28 23.89 23.81 22.44 22.60 22.55 21.71 21.58 21.62 20.62 20.52 20.48 23.51 23.21 23.63 23.61 23.15 22.63 20.62 20.52 20.45 20.52 20.45 20.55 20.45 20.41 20.55 20.55 20.45 20.41 20.55 20.55 20.45 20.41 20.55 20.55 20.45 20.41 20.55 20.55 20.45 20.41 20.55 20.55 20.45 20.41 20.55 20.55 20.45 20.41 20.55 20.55 20.45 20.41 20.55 20.55 20.45 20.41 20.55 20.55 20.45 20.41 20.55 20.55 20.45 20.41 20.55 20.55 20.55 20.45 20.41 20.55 20.5



NR n77 MIMO

P-sensor off

Band (MI	MHz) 110 110 110 115 115 115 115 11	Channel 630334 633334 636334 Channel 630500 633334 636166 Channel 630668 633334 636000 Channel 631000 633334 635666 Channel 631334 635666 Channel 631334 635666 Channel 631334 Channel 631668 633334 Channel	Frequency (MHz) 3455.01 3500.01 3545.01 Frequency (MHz) 3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3534.99 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3535.01 Frequency (MHz) 3470.01 3500.01 3500.01 3500.01 3500.01 3500.01 3500.01 3500.01 3500.01	Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	UL RB Allocation 1 1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	UL RB Offset 1 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB UL RB UL RB UL RB UL RB UL RB UL RB UL RB UL RB UL RB UL RB UL RB UL RB UL RB UL RB Offset 1 UL RB UL RB Offset	Max.Tune-up (dBm) 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00	Average power (dBm) 24.12 24.07 24.15 Average power (dBm) 24.24 24.20 24.21 Average power (dBm) 24.26 24.23 24.30 Average power (dBm) 24.35 24.39 Average power (dBm) 24.35 24.39 Average power (dBm) 24.35 24.39 Average power (dBm) 24.35 24.39 Average power (dBm) 24.35 24.39 Average power (dBm) 24.35 24.39 Average power (dBm) 24.35 24.39 Average power (dBm) 24.39 24.39 Average power (dBm) 24.39 Average power (dBm) 24.39 Average power (dBm)
N77_SA	110 115 115 115 115 115 115 115	633334 636334 Channel 630500 633334 636166 Channel 630668 633334 636000 Channel 631300 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3455.01 3500.01 3545.01 Frequency (MHz) 3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 Frequency (MHz) 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01 3570.01	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode	1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	1 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB UL RB Offset 1 UL RB Offset 1 UL RB	25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 Max.Tune-up (dBm) 25.00 Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm)	24.12 24.07 24.15 Average power (dBm) 24.24 24.20 24.21 Average power (dBm) 24.23 24.30 Average power (dBm) 24.24 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.35 24.38 24.39 Average power (dBm)
Band (MI) n77_SA 2: Band (MI) n77_SA 2: Band (MI) n77_SA 3: Band (MI) n77_SA 3: Band (MI) n77_SA 4: Band (MI) n77_SA 5: Band (MI) n77_SA 6: Band (MI) n77_SA 7: Band (MI) n77_SA 7: Band (MI) n77_SA 3:	3W MHz) 20 3W MHz) 3W	633334 636334 Channel 630500 633334 636166 Channel 630668 633334 636000 Channel 631300 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3500.01 3545.01 Frequency (MHz) 3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3570.01 570.01	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 UL RB Offset 1 1 1 1 UL RB Offset 1 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB	25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm)	24.07 24.15 Average power (dBm) 24.24 24.20 24.21 Average power (dBm) 24.20 24.21 Average power (dBm) 24.20 24.23 Average power (dBm) 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.35
Band BN (MI N77_SA 20 10 10 10 10 10 10 10	3W MHz) 20 3W MHz) 3W	636334 Channel 630500 633334 636166 Channel 630668 633334 636000 Channel 631000 633334 635666 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3545.01 Frequency (MHz) 3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 Frequency (MHz) 3475.02 3500.01 35350.01 Frequency (MHz) Frequency (MHz) Frequency (MHz) Frequency (MHz) Frequency (MHz) Frequency (MHz) Frequency (MHz) Frequency (MHz)	PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode	1 UL RB Allocation 1 1 1 1 UL RB Allocation 1 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	1 UL RB Offset 1 1 1 1 UL RB Offset 1 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB UL RB Offset 1 1 UL RB UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB	25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm)	24.15 Average power (dBm) 24.24 24.20 24.21 Average power (dBm) 24.23 24.30 Average power (dBm) 24.24 24.26 24.31 Average power (dBm) 24.35 24.39 Average power (dBm) 24.34 24.39 Average power (dBm) 24.35 24.39 Average power (dBm) 24.42 24.39 Average power (dBm)
Band CMI	MHz) 38W MHz) 38W MHz) 40 40 40 40	Channel 630500 633334 636166 Channel 630668 633334 636600 Channel 631000 633334 635666 Channel 631334 635666 Channel 631334 635334 Channel 631668 633334	Frequency (MHz) 3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3534.9 Frequency (MHz) 3470.01 3534.99 Frequency (MHz) 3470.01 3530.01 Frequency (MHz) 3530.01 Frequency (MHz) 3530.01 Frequency (MHz) 3530.01 Frequency (MHz)	Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode	UL RB Allocation 1 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB UL RB Offset 1 UL RB UL RB UL RB UL RB UL RB UL RB UL RB UL RB	Max.Tune-up (dBm) 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 26.00 26.00 Max.Tune-up (dBm) 25.00 26.00 26.00 Max.Tune-up (dBm) 25.00 26.00 26.00 Max.Tune-up (dBm) (dBm)	Average power (dBm) 24.24 24.20 24.21 Average power (dBm) 24.20 24.23 24.30 Average power (dBm) 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.42 24.39
Band CMI	MHz) 38W MHz) 38W MHz) 40 40 40 40	630500 633334 636166 Channel 630668 633334 636600 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334	(MHz) 3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 35300.01 13530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	Allocation 1 1 1 1 UL RB Allocation 1 1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB UL RB Offset 1 UL RB Offset 1 UL RB UL RB Offset 1 UL RB Offset 1 UL RB	(dBm) 25.00 25.00 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) Ax.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm)	(dBm) 24.24 24.20 24.21 Average power (dBm) 24.20 24.23 24.30 Average power (dBm) 24.24 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.42 24.39 Average power (dBm) 24.35
N77_SA	115 3W MHz) 20 3W MHz) 330 3W MHz) 3W MHz) 550	633334 636166 Channel 630668 633334 636600 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334	3457.5 3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB UL RB UL RB UL RB UL RB UL RB UL RB	25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm)	24.24 24.20 24.21 Average power (dBm) 24.20 24.23 24.30 Average power (dBm) 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.35 24.39 Average power (dBm) Average power (dBm) Average power (dBm) Average power (dBm)
Band BN (MI) n77_SA 2: Band BN (MI) n77_SA 3: Band BN (MI) n77_SA 4: Band BN (MI) n77_SA 5: Band BN (MI) n77_SA 6: Band BN (MI) n77_SA 7: Band BN (MI) n77_SA 7: Band BN (MI) n77_SA 8: Band BN (MI) n77_SA 9: Band BN (MI)	3W 4Hz) 3W 4Hz) 30 3W 4Hz) 40 3W 4Hz)	633334 636166 Channel 630668 633334 636600 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334	3500.01 3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 Frequency (MHz) 3500.01 3530.01 Frequency (MHz) 500.01 3530.01 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB UL RB	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 Max.Tune-up (dBm) 25.00 Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm)	24.20 24.21 Average power (dBm) 24.20 24.23 24.30 Average power (dBm) 24.24 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.42 24.39 Average power (dBm)
Band BN (MI) n77_SA 2: Band BN (MI) n77_SA 3: Band BN (MI) n77_SA 4: Band BN (MI) n77_SA 5: Band BN (MI) n77_SA 6: Band BN (MI) n77_SA 7: Band BN (MI) n77_SA 7: Band BN (MI) n77_SA 8: Band BN (MI) n77_SA 9: Band BN (MI)	3W 4Hz) 3W 4Hz) 30 3W 4Hz) 40 3W 4Hz) 50	636166 Channel 630668 633334 636000 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3542.49 Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 Frequency (MHz) 3570.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode	1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB UL RB	25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) Ax.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm)	24.21 Average power (dBm) 24.20 24.23 24.30 Average power (dBm) 24.24 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.35 24.39 Average power (dBm) 24.35
Band CM	30 30 30 30 30 30 40 40 3W 41Hz)	Channel 630668 633334 636000 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	Frequency (MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode Mode PI/2 BPSK Mode Mode PI/2 BPSK Mode PI/2 BPSK Mode	UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB UL RB UL RB UL RB UL RB UL RB	Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 45.00 25.00 Max.Tune-up (dBm) 45.00 25.00 Max.Tune-up (dBm) (dBm)	Average power (dBm) 24.20 24.23 24.30 Average power (dBm) 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.42 24.39 Average power (dBm) 24.42 24.39 Average power (dBm) 24.40 24.39 Average power (dBm)
Band CM	30 30 30 30 30 30 30 40 40 3W 41Hz)	630668 633334 636000 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	(MHz) 3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode	Allocation 1 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB UF RB Offset 1 UL RB UL RB UL RB	(dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm)	(dBm) 24.20 24.23 24.30 Average power (dBm) 24.24 24.26 24.31 Average power (dBm) 24.35 24.39 Average power (dBm) 24.39 24.39 24.39 24.39 24.39 24.39 24.39 24.39 24.39 24.39 24.39
n77_SA 20	20 3W 3Hz) 3W 4Hz) 40 3W 4Hz)	633334 636000 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3460.02 3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode Mode PI/2 BPSK Mode	1 1 UL RB Allocation 1 1 1 1 UL RB Allocation 1 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB UL RB	25.00 25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 Max.Tune-up (d8m) 25.00 25.00 Max.Tune-up (d8m) Max.Tune-up (d8m) Max.Tune-up (d8m)	24.20 24.23 24.30 Average power (dBm) 24.24 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.42 24.39 24.39 Average power (dBm)
Band BN	30 30 3W 4Hz) 40 3W 4Hz)	633334 636000 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3500.01 3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode Mode PI/2 BPSK Mode	1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB UL RB UL RB UL RB	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25.00 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 Max.Tune-up (dBm) Max.Tune-up (dBm) Max.Tune-up (dBm)	24.23 24.30 Average power (dBm) 24.24 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.32 4.42 24.39 Average power (dBm) 24.35
Band BN (Mi N77_SA 30 10 10 10 10 10 10 10	3W 4Hz) 30 3W 4Hz) 40 3W 4Hz)	636000 Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3540 Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode	1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	1 UL RB Offset 1 1 1 UL RB Offset 1 UL RB UL RB Offset 1 UL RB UL RB UL RB	25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) (dBm) (dBm) (dBm)	24.30 Average power (dBm) 24.24 24.26 24.31 Average power (dBm) 24.35 24.39 Average power (dBm) 24.42 24.39 24.39 Average power (dBm)
Band MI	30 3W 4Hz) 40 3W 4Hz)	Channel 631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	Frequency (MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK Mode	Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB	Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) (dBm) (dBm) (dBm)	Average power (dBm) 24.24 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.42 24.39
Band MI	30 3W 4Hz) 40 3W 4Hz)	631000 633334 635666 Channel 631334 635334 Channel 631668 633334 635000	(MHz) 3465 3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK	Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB Allocation 1 UL RB Allocation 1 UL RB	Offset 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB Offset 1 UL RB	(dBm) 25.00 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) (dBm)	(dBm) 24.24 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.42 24.39 Average power (dBm)
n77_SA	30 3W 4Hz) 40 3W 4Hz)	633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3465 3500.01 3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB Allocation 1 UL RB	1 1 UL RB Offset 1 1 1 UL RB Offset 1 1 1 UL RB	25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm)	24.24 24.26 24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.42 24.39 Average power (dBm)
Band BN MN	3W 1Hz) 40 3W 1Hz)	633334 635666 Channel 631334 635334 Channel 631668 633334 635000	3500.01 3534.99 Frequency (MHz) 3470.01 3530.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	1 UL RB Allocation 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB	1 1 UL RB Offset 1 1 UL RB Offset 1 1 1 UL RB	25.00 25.00 25.00 (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm)	24.26 24.31 Average power (dBm) 24.35 24.39 Average power (dBm) 24.42 24.39 24.39 Average power (dBm)
Band BN MN	40 3W 4Hz) 50	635666 Channel 631334 633334 Channel 631668 633334 635000	3534.99 Frequency (MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	1 UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB Allocation 1 1 UL RB	1 UL RB Offset 1 1 1 UL RB Offset 1 1 UL RB Offset 1 UL RB UL RB	25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 Max.Tune-up (dBm)	24.31 Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.42 24.39 24.39 Average power (dBm)
Band MI	40 3W 4Hz) 50	Channel 631334 633334 635334 Channel 631668 633334 635000	Frequency (MHz) 3470.01 35300.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	UL RB Allocation 1 1 1 UL RB Allocation 1 1 UL RB UL RB	UL RB Offset 1 1 1 UL RB Offset 1 UL RB Offset 1 UL RB	Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm)	Average power (dBm) 24.35 24.38 24.39 Average power (dBm) 24.42 24.39 24.39 24.39 Average power (dBm)
Band Mi	40 3W 4Hz) 50	631334 633334 635334 Channel 631668 633334 635000	(MHz) 3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	Allocation 1 1 1 UL RB Allocation 1 1 UL RB	Offset 1 1 1 UL RB Offset 1 1 UL RB	(dBm) 25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm)	(dBm) 24.35 24.38 24.39 Average power (dBm) 24.42 24.39 Average power (dBm)
n77_SA	40 3W (Hz) 50	633334 635334 Channel 631668 633334 635000	3470.01 3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	1 1 UL RB Allocation 1 1 UL RB	1 1 1 UL RB Offset 1 1 1 UL RB	25.00 25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm)	24.35 24.38 24.39 Average power (dBm) 24.42 24.39 Average power (dBm)
Band B\ (Mi m77_SA 50 m77_SA 60 m77_SA 70 m77_SA 80 m77_SA 80 m77_SA 80 m77_SA 80 m77_SA 90 m77_SA	3W 1Hz) 50	633334 635334 Channel 631668 633334 635000	3500.01 3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	1 UL RB Allocation 1 1 1 UL RB	1 UL RB Offset 1 1 UL RB	25.00 25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm)	24.39 Average power (dBm) 24.42 24.39 24.39 Average power (dBm)
Band CMI CMI CMI CMI CMI CMI CMI CMI CMI C	<u>1Hz)</u> 50	Channel 631668 633334 635000	3530.01 Frequency (MHz) 3475.02 3500.01 3525 Frequency (MHz)	Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	UL RB Allocation 1 1 1 UL RB	UL RB Offset 1 1 UL RB	25.00 Max.Tune-up (dBm) 25.00 25.00 25.00 Max.Tune-up (dBm)	Average power (dBm) 24.42 24.39 24.39 Average power (dBm)
Band CMI CMI CMI CMI CMI CMI CMI CMI CMI C	<u>1Hz)</u> 50	631668 633334 635000	(MHz) 3475.02 3500.01 3525 Frequency (MHz)	Mode PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	Allocation 1 1 1 UL RB	Offset 1 1 1 UL RB	(dBm) 25.00 25.00 25.00 Max.Tune-up (dBm)	(dBm) 24.42 24.39 24.39 Average power (dBm)
(MI n77_SA 56 Band B\ (MI n77_SA 76 Band B\ (MI n77_SA 76 Band B\ (MI n77_SA 86 Band B\ (MI n77_SA 96 Band B\ (MI n77_SA Band B\ (MI n77_SA Band B\ (MI n77_SA Band B\ (MI n77_SA Band B\ (MI n77_SA Band B\ (MI n77_SA Band B\ (MI n77_SA Band B\ (MI n77_SA Band B\ (MI n77_SA Band Band B\ (MI n77_SA Band Band Band B\ (MI n77_SA Band	50	631668 633334 635000	(MHz) 3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	1 1 1 UL RB	Offset 1 1 1 UL RB	(dBm) 25.00 25.00 25.00 Max.Tune-up (dBm)	(dBm) 24.42 24.39 24.39 Average power (dBm)
n77_SA	50	633334 635000	3475.02 3500.01 3525 Frequency (MHz)	PI/2 BPSK PI/2 BPSK Mode	1 1 1 UL RB	1 1 1 UL RB	25.00 25.00 25.00 Max.Tune-up (dBm)	24.42 24.39 24.39 Average power (dBm)
Band (MI n77_SA 66 Band (MI n77_SA 76 Band BN n77_SA 88 Band BN n77_SA 89		635000	3525 Frequency (MHz)	PI/2 BPSK Mode	1 UL RB	1 UL RB	25.00 Max.Tune-up (dBm)	24.39 Average power (dBm)
Band (MI	3W		Frequency (MHz)	Mode	UL RB	UL RB	Max.Tune-up (dBm)	Average power (dBm)
Band (MI	3W	Channel	(MHz)				(dBm)	(dBm)
(MI n77_SA 6(MI n77_SA 7(MI m77_SA 7(MI m77_SA 8(MI m77_SA 8(MI m77_SA 9(MI m77_S		Chainei			Allocation	Offset		
Band	1Hz)				Allocation		25 00	24.52
Band		632000	3480	PI/2 BPSK	1	1	_5.00	24.52
Band (MI	60	633334	3500.01	PI/2 BPSK	1	1	25.00	24.51
Band (MI		634666	3519.99	PI/2 BPSK	1	1	25.00	24.46
n77_SA		Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Band (Mi n77_SA 80 Band (Mi n77_SA 90	1Hz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
Band (Mi n77_SA 80 Band (Mi n77_SA 90		632334	3485.01	PI/2 BPSK	1	1	25.00	24.58
Band (MI n77_SA 8i Band B\ (MI n77_SA 9i	70	633334	3500.01	PI/2 BPSK	1	1	25.00	24.49
Band (MI n77_SA 8i Band B\ (MI n77_SA 9i		634334	3515.01	PI/2 BPSK	1	1	25.00	24.56
n77_SA 88 Band B\ (Mi n77_SA 99		Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Band B\ (MI n77_SA 9	1Hz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
Band B\ (MI n77_SA 9		632668	3490.02	PI/2 BPSK	1	1	25.00	24.61
n77_SA 9	80	633334	3500.01	PI/2 BPSK	1	11	25.00	24.59
n77_SA 9		634000	3510	PI/2 BPSK	1	1	25.00	24.59
n77_SA 90		Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
D)	(HZ)	633000	(MHz) 3495	DI/2 DDCF	Allocation	Offset 1	(dBm)	(dBm) 24.63
D)	90	633334	3495 3500.01	PI/2 BPSK PI/2 BPSK	1	1	25.00 25.00	24.69
Band B\	-0	633666	3500.01	PI/2 BPSK	1	<u>1</u> 1	25.00	24.69
Band Bu	3W		Frequency		UL RB	UL RB	Max.Tune-up	Average power
/841	ли ИН7)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
I	11141		UVIIIZI		1	1	25.00	24.73
				PI/2 BPSK	1	271	25.00	24.21
					270	0	24.50	24.07
					1	1	25.00	24.79
				QPSK	1	271	25.00	24.27
				-	270	0	24.50	23.52
		1			1	1	24.00	23.73
n77_SA 10		633334	3500.01	16QAM	1	271	24.00	23.28
	.00	1			270	0	23.00	22.47
	.00				1	1	23.00	21.80
	.00			64QAM	1	271	23.00	21.29
	.00				270	0	22.50	22.00
	.00				1	1	21.00	19.92
	.00		1		1	271	21.00	19.66
	.00			256QAM	270	0	21.00	19.97





BW							
(B 411-)	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up (dBm)	Average power
(MHz)	647000	(MHz) 3705	PI/2 BPSK	Allocation 1	Offset 1	24.50	(dBm) 23.57
10	656000	3840	PI/2 BPSK	1	1	24.50	23.45
	665000	3975	PI/2 BPSK	1	1	24.50	22.67
BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
UVITZI	647168	3707.52	PI/2 BPSK	Allocation 1	1	24.50	23.56
15	656000	3840	PI/2 BPSK	1	1	24.50	23.51
	664832	3972.48	PI/2 BPSK	1	1	24.50	22.71
BW (MHz)	Channel	Frequency	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
(IVITZ)	647334	(MHz) 3710.01	PI/2 BPSK	1	1	24.50	23.67
20	656000	3840	PI/2 BPSK	1	1	24.50	23.56
	664666	3969.99	PI/2 BPSK	1	11	24.50	22.72
BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
(101112)	647666	3714.99	PI/2 BPSK	1	1	24.50	23.74
30	656000	3840	PI/2 BPSK	1	1	24.50	23.57
DIM	664334	3965.01	PI/2 BPSK	1	1	24.50	22.75
BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
ПАПСТ	648000	3720	PI/2 BPSK	1	1	24.50	23.80
40	656000	3840	PI/2 BPSK	1	1	24.50	23.71
	664000	3960	PI/2 BPSK	1	1	24.50	22.82
BW (NALLE)	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	648334	(MHz) 3725.01	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 24.50	(dBm) 23.80
50	656000	3840	PI/2 BPSK	1	1	24.50	23.72
	663666	3954.09	PI/2 BPSK	1	1	24.50	22.95
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	648668	(MHz) 3730.02	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 24.50	(dBm) 23.94
60	656000	3840	PI/2 BPSK	1	1	24.50	23.81
	663332	3949.98	PI/2 BPSK	1	1	24.50	22.96
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	649000	(MHz) 3735	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 24.50	(dBm) 23.97
70	656000	3840	PI/2 BPSK	1	1	24.50	23.85
	663000	3945	PI/2 BPSK	1	1	24.50	22.97
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
80	649334 656000	3740.01 3840	PI/2 BPSK PI/2 BPSK	1	1 1	24.50 24.50	24.10 23.91
	662666	3939.99	PI/2 BPSK	1	1	24.50	23.08
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
90	649668 656000	3745.02 3840	PI/2 BPSK PI/2 BPSK	1	1	24.50 24.50	24.09 24.02
30	662332	3934.98	PI/2 BPSK	1	1	24.50	23.11
BW	Channel	Frequency	NA1-	UL RB	UL RB	Max.Tune-up	Average power
(MHz)		/ · ·	Mode				
		(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
		(MHz)	PI/2 BPSK				(dBm) 24.14
		(MHz)		Allocation 1	Offset 1	(dBm) 24.50	(dBm)
		(MHz)	PI/2 BPSK	Allocation 1 1 270 1	Offset 1 271 0 1	(dBm) 24.50 24.50 24.00 24.50	(dBm) 24.14 24.20 23.38 24.08
		(MHz)		1 1 270 1 1 1	Offset 1 271 0 1 271	(dBm) 24.50 24.50 24.00 24.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18
		(MHz)	PI/2 BPSK	1 270 1 1 270	Offset 1 271 0 1 271 0 0 1 271 0	(dBm) 24.50 24.50 24.00 24.50 24.50 24.00	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89
	650000	(MHz) 3750	PI/2 BPSK	1 1 270 1 1 1	Offset 1 271 0 1 271	(dBm) 24.50 24.50 24.00 24.50 24.50 24.50 23.50 23.50	(dBm) 24.14 24.20 23.38 24.08 24.18
			PI/2 BPSK QPSK	Allocation 1 270 1 270 1 270 1 270 1 270	Offset 1 271 0 1 271 0 1 271 0 0 1 271 0	(dBm) 24.50 24.50 24.50 24.00 24.50 24.50 24.50 23.50 23.50 22.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88
			PI/2 BPSK QPSK 16QAM	Allocation 1 1 270 1 270 1 270 1 270 1 1 270 1	Offset 1 271 0 1 271 0 1 271 0 1 1 271 1 1 271 1	(dBm) 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98
			PI/2 BPSK QPSK	Allocation 1 1 270 1 270 1 270 1 270 1 1 1 1 270 1 1 1 1 1	Offset 1 271 0 1 271 0 1 271 0 1 271 1 271 271 1 271	(dBm) 24.50 24.50 24.00 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10
			PI/2 BPSK QPSK 16QAM 64QAM	Allocation 1 1 270 1 270 1 270 1 270 1 1 270 1	Offset 1 271 0 1 271 0 1 271 0 1 1 271 1 1 271 1	(dBm) 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98
			PI/2 BPSK QPSK 16QAM	Allocation 1 1 270 1 1 270 1 1 1 270 1 1 270 1 270 1 1 1 270 1 1 270 1	Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 1 271 1 271 0 1 271	(dBm) 24.50 24.50 24.00 24.50 24.50 24.50 24.50 24.50 24.50 22.50 23.50 22.50 22.50 21.50 20.50 20.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34
			PI/2 BPSK QPSK 16QAM 64QAM	Allocation 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 270 1 270	Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0	(d8m) 24.50 24.50 24.00 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 21.50 20.50 20.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54
			PI/2 BPSK QPSK 16QAM 64QAM	Allocation 1 1 270 1 1 270 1 1 1 270 1 1 270 1 270 1 1 1 270 1 1 270 1	Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 1 271 1 271 0 1 271	(dBm) 24.50 24.50 24.00 24.50 24.50 24.50 24.50 24.50 24.50 22.50 23.50 22.50 22.50 21.50 20.50 20.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34
			PI/2 BPSK QPSK 16QAM 64QAM 256QAM	Allocation 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1	(d8m) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 20.50 24.50 24.50 24.50 24.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.54 23.99 23.29 23.29 23.47
			PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	Allocation 1 1 270 1 270 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 20.50 20.50 24.50 24.50 24.50 24.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94
			PI/2 BPSK QPSK 16QAM 64QAM 256QAM	Allocation 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271	(d8m) 24.50 24.50 24.00 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 20.50 20.50 24.50 24.50 24.50 24.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94 23.38
			PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	Allocation 1 1 270 1 270 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 20.50 20.50 24.50 24.50 24.50 24.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94
100			PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	Allocation 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0	(d8m) 24.50 24.50 24.00 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 20.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94 23.94 22.20
100	650000	3750	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	Allocation 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 1 0 0 1 0 0 1 0 0 1 0	(dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 20.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 23.99 23.29 23.29 23.47 23.94 23.38 23.00 22.94 22.20 21.94
100	650000	3750	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	Allocation 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	(d8m) 24.50 24.50 24.00 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 20.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94 23.38 23.00 22.94 22.20 21.94 20.88
100	650000	3750	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	Allocation 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 1 0 0 1 0 0 1 0 0 1 0	(dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 20.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 23.99 23.29 23.29 23.47 23.94 23.38 23.00 22.94 22.20 21.94
100	650000	3750	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM	Allocation 1 1 270 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271 271 0 1 271 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	(d8m) 24.50 24.50 24.00 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94 23.94 23.98 23.00 22.94 20.88 20.20
100	650000	3750	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	Allocation 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271	(dbm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 20.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 23.99 23.29 23.47 23.94 23.38 23.00 22.94 24.18 20.88 20.00 21.94 20.88 20.20 21.43 19.26 18.58
100	650000	3750	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM	Allocation 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0	(d8m) 24.50 24.50 24.00 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 20.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 22.50 24.50 25.50 25.50 25.50 25.50 25.50 25.50 25.50 25.50 20.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94 22.20 21.94 20.88 20.20 21.94 20.88 20.20 21.43 19.26 18.58
100	650000	3750	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM	Allocation 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271	(dbm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 20.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 23.99 23.29 23.47 23.94 23.38 23.00 22.94 24.18 20.88 20.00 21.94 20.88 20.20 21.43 19.26 18.58
100	650000	3750	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM	Allocation 1 1 270 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 1 271 0 1	(d8m) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 24.50 25.50 20.50 20.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94 22.20 21.94 20.88 20.20 21.43 19.26 18.58 19.42 23.15
100	650000	3750	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	Allocation 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	(d8m) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94 23.38 23.00 22.94 24.88 20.20 21.94 20.88 20.20 21.43 19.26 18.58 19.42 23.15 23.94
100	650000	3750	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM	Allocation 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271	(dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 20.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94 23.38 23.00 22.94 22.20 21.94 20.88 20.20 21.94 20.88 20.20 21.94 21.85 19.26 18.58 19.42 23.15 23.94 23.15 23.94 23.15
100	650000	3750	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	Allocation 1 1 270 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271 0 1 271 271 0 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0	(d8m) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94 22.20 21.94 22.20 21.94 20.28 20.20 21.43 19.26 18.58 19.42 23.15 23.94 23.15 23.94
100	650000	3750	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	Allocation 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271	(dBm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 20.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 24.50 22.50 22.50 22.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94 23.38 23.00 22.94 22.20 21.94 20.88 20.20 21.94 20.88 20.20 21.94 21.85 19.26 18.58 19.42 23.15 23.94 23.15 23.94 23.15
100	650000	3750 3840	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	Allocation 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1	(d8m) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 24.50 23.50 22.50 22.50 23.50 23.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94 22.20 21.94 20.88 20.20 21.43 19.26 18.58 19.42 23.15 23.38 23.09 22.94 20.28
100	650000	3750 3840	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	Allocation 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	(d8m) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 20.50 20.50 24.50 22.50 23.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 23.99 23.29 23.47 23.94 23.38 23.00 22.94 20.88 20.20 21.94 23.11 23.23 23.88 22.61
100	650000	3750 3840	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	Allocation 1 1 270 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 271 0 1 271 271 0 1 271	(dbm) 24.50 24.50 24.00 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.27 23.47 23.94 22.20 21.94 23.11
100	650000	3750 3840	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	Allocation 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	(dbm) 24.50 24.50 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.29 23.47 23.94 22.20 21.94 20.88 20.20 21.43 19.26 18.58 19.42 23.15 23.39 23.15 23.39 23.15 23.39 23.15 23.94 22.20 21.44 20.88 20.20 21.43 20.20
100	650000	3750 3840	PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	Allocation 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 271 0 0 1 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0	(dbm) 24.50 24.50 24.00 24.50 24.50 24.50 24.50 24.50 23.50 23.50 22.50 22.50 22.50 20.50 24.50	(dBm) 24.14 24.20 23.38 24.08 24.18 22.89 23.05 23.23 21.88 20.98 21.10 21.35 19.34 19.54 19.40 23.99 23.27 23.47 23.94 22.20 21.94 23.11





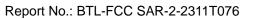
P-sensor off (HPUE)

Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Dunu	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n77 SA		630334	3455.01	PI/2 BPSK	1	1	25.50	24.65
(3450-3550)	10	633334	3500.01	PI/2 BPSK	1	1	25.50	24.61
(5.50.5550)		636334	3545.01	PI/2 BPSK	1	1	25.50	24.66
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n77 SA		630500	3457.5	PI/2 BPSK	1	1	25.50	24.70
(3450-3550)	15	633334	3500.01	PI/2 BPSK	1	1	25.50	24.69
(* * * * * * * * * * * * * * * * * * *		636166	3542.49	PI/2 BPSK	1	1	25.50	24.71
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n77_SA	20	630668	3460.02	PI/2 BPSK	1	1	25.50	24.74
(3450-3550)	20	633334	3500.01	PI/2 BPSK	1	1	25.50	24.74
	8111	636000	3540	PI/2 BPSK	1	1	25.50	24.78
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)	n. /n n.n	Allocation	Offset	(dBm)	(dBm)
n77_SA	30	631000	3465	PI/2 BPSK	1	1	25.50	24.79
(3450-3550)	30	633334	3500.01	PI/2 BPSK	1	1	25.50	24.78
	214	635666	3534.99	PI/2 BPSK	1	1	25.50	24.83
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	621224	(MHz)	DI/2 DDCI	Allocation	Offset	(dBm)	(dBm)
n77_SA	40	631334	3470.01	PI/2 BPSK	1	1	25.50	24.86
(3450-3550)	40	633334	3500.01	PI/2 BPSK	1	1	25.50	24.84
	BW	635334	3530.01 Frequency	PI/2 BPSK	1 UL RB	UL RB	25.50 Max.Tune-up	24.88
Band		Channel		Mode		-		Average power
	(MHz)	631668	(MHz) 3475.02	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 25.50	(dBm) 24.93
n77_SA	50	633334	3500.01	PI/2 BPSK	1	1	25.50	24.92
(3450-3550)	30	635000	3525	PI/2 BPSK	1	1	25.50	24.93
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(IVITZ)	632000	3480	PI/2 BPSK	1	1	25.50	25.00
n77_SA	60	633334	3500.01	PI/2 BPSK	1	1	25.50	24.97
(3450-3550)		634666	3519.99	PI/2 BPSK	1	1	25.50	24.99
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
77.64	(IVIIIZ)	632334	3485.01	PI/2 BPSK	1	1	25.50	25.07
n77_SA	70	633334	3500.01	PI/2 BPSK	1	1	25.50	25.03
(3450-3550)		634334	3515.01	PI/2 BPSK	1	1	25.50	25.03
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
n77 CA		632668	3490.02	PI/2 BPSK	1	1	25.50	25.14
n77_SA	80	633334	3500.01	PI/2 BPSK	1	1	25.50	25.08
(3450-3550)		634000	3510	PI/2 BPSK	1	1	25.50	25.09
Dand	BW	Channal	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Widde	Allocation	Offset	(dBm)	(dBm)
n77 SA		633000	3495	PI/2 BPSK	1	1	25.50	25.18
(3450-3550)	90	633334	3500.01	PI/2 BPSK	1	1	25.50	25.16
(3430,3330)		633666	3504.99	PI/2 BPSK	1	1	25.50	25.16
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
		1			1	1	25.50	25.22
				PI/2 BPSK	1	271	25.50	24.67
					270	0	25.00	24.56
					1	1	25.50	25.34
				QPSK	1	271	25.50	24.80
					270	0	25.00	24.03
n77 SA	46-				1	1	24.50	24.21
(3450-3550)	100	633334	3500.01	16QAM	1	271	24.50	23.81
, , , , , , , , , , , , , , , , , , , ,					270	0	23.50	22.93
					1	1	23.50	22.26
				64QAM	1	271	23.50	21.77
					270	0	23.00	22.50
				2555	1	1	21.50	20.46
				256QAM	1	271	21.50	20.16
		1	1	l	270	0	21.50	20.45





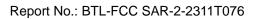
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
bana	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n77_SA	10	647000	3705	PI/2 BPSK	1	1 1	25.00	24.27
(3700-3980)	10	656000 665000	3840 3975	PI/2 BPSK PI/2 BPSK	1	1 1	25.00 25.00	24.14
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(IVIIIE)	647168	3707.52	PI/2 BPSK	1	1	25.00	24.06
n77_SA	15	656000	3840	PI/2 BPSK	1	1	25.00	23.96
3700-3980)		664832	3972.48	PI/2 BPSK	1	1	25.00	23.13
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Ballu	(MHz)	Chainlei	(MHz)		Allocation	Offset	(dBm)	(dBm)
n77 SA		647334	3710.01	PI/2 BPSK	1	1	25.00	24.10
3700-3980)	20	656000	3840	PI/2 BPSK	1	1	25.00	24.01
		664666	3969.99	PI/2 BPSK	1	1	25.00	23.20
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n77_SA	30	647666	3714.99	PI/2 BPSK	1	11	25.00	24.15
3700-3980)	30	656000	3840 3965.01	PI/2 BPSK PI/2 BPSK	1	1	25.00 25.00	24.05
	BW	664334		PI/Z BPSK	UL RB	UL RB		23.25
Band		Channel	Frequency	Mode			Max.Tune-up	Average power
	(MHz)	648000	(MHz) 3720	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 25.00	(dBm) 24.22
n77_SA	40	656000	3840	PI/2 BPSK	1	1	25.00	24.11
3700-3980)	-10	664000	3960	PI/2 BPSK	1	1	25.00	23.30
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
n77 CA		648334	3725.01	PI/2 BPSK	1	1	25.00	24.29
n77_SA	50	656000	3840	PI/2 BPSK	1	1	25.00	24.19
3700-3980)		663666	3954.09	PI/2 BPSK	1	1	25.00	23.35
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Danu	(MHz)	Citatillel	(MHz)		Allocation	Offset	(dBm)	(dBm)
n77_SA		648668	3730.02	PI/2 BPSK	1	1	25.00	24.36
3700-3980)	60	656000	3840	PI/2 BPSK	1	1	25.00	24.24
J. 00 JJ00)		663332	3949.98	PI/2 BPSK	1	1	25.00	23.41
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
n77_SA	70	649000	3735	PI/2 BPSK	1	1	25.00	24.43
3700-3980)	70	656000	3840	PI/2 BPSK	1	1	25.00	24.30
	D144	663000	3945	PI/2 BPSK	1	1	25.00	23.45
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
	(MHz)	649334	(MHz)	PI/2 BPSK	Allocation 1	Offset 1	(dBm)	(dBm) 24.50
n77_SA	80		3740.01 3840		1	1	25.00	24.35
3700-3980)	00	656000 662666	3939.99	PI/2 BPSK PI/2 BPSK	1	1	25.00 25.00	23.51
	BW		Frequency		UL RB	UL RB	Max.Tune-up	Average power
Band	(MHz)	Channel	(MHz)	Mode	Allocation	Offset	(dBm)	(dBm)
	(IVIIIZ)	649668	3745.02	PI/2 BPSK	1	1	25.00	24.54
n77_SA	90	656000	3840	PI/2 BPSK	1	1	25.00	24.43
3700-3980)		662332	3934.98	PI/2 BPSK	1	1	25.00	23.58
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
Ballu	(MHz)	Chainlei	(MHz)	ivioue	Allocation	Offset	(dBm)	(dBm)
					1	1	25.00	24.58
		Ī		PI/2 BPSK	1	271	25.00	24.70
		Ī			270	0	24.50	23.80
				QPSK	1	1 271	25.00	24.58
				Qr3N	270	271 0	25.00 24.50	24.66
		650000	3750	16QAM	1	271	24.00 24.00	23.53 23.67
		555000	3.30	1000111	270	0	23.00	22.33
					1	1	23.00	21.45
		Ī		64QAM	1	271	23.00	21.54
				2 . 20	270	0	22.00	21.83
					1	1	21.00	19.81
		Ī		256QAM	1	271	21.00	19.95
		1	1					19.82
					270	0	21.00	
					270 1		21.00 25.00	24.49
				PI/2 BPSK		0		24.49 23.78
				PI/2 BPSK	1	0	25.00	
					1	0 1 271	25.00 25.00	23.78
				PI/2 BPSK QPSK	1 1 270 1 1	0 1 271 0	25.00 25.00 24.50 25.00 25.00	23.78 23.89 24.43 23.78
					1 270 1 1 270	0 1 271 0 1 271 0	25.00 25.00 24.50 25.00 25.00 24.50	23.78 23.89 24.43 23.78 23.43
n77_SA	4		26	QPSK	1 270 1 1 270 1	0 1 271 0 1 271 0 1	25.00 25.00 24.50 25.00 25.00 25.00 24.50 24.00	23.78 23.89 24.43 23.78 23.43 23.43
n77_SA 3700-3980)	100	656000	3840		1 270 1 1 270 1 270	0 1 271 0 1 271 0 1 271	25.00 25.00 24.50 25.00 25.00 25.00 24.50 24.00 24.00	23.78 23.89 24.43 23.78 23.43 23.43 22.62
	100	656000	3840	QPSK	1 270 1 1 270 1 270 1 270	0 1 271 0 1 271 0 1 271 0	25.00 25.00 24.50 25.00 25.00 24.50 24.50 24.00 23.00	23.78 23.89 24.43 23.78 23.43 23.43 22.62 22.39
	100	656000	3840	QPSK 16QAM	1 270 1 1 270 1 270 1 1 270	0 1 271 0 1 271 0 1 271 0 1 271	25.00 25.00 24.50 25.00 25.00 24.50 24.50 24.00 23.00 23.00	23.78 23.89 24.43 23.78 23.43 23.43 22.62 22.39 21.33
	100	656000	3840	QPSK	1 270 1 1 270 1 1 270 1 1 270 1	0 1 271 0 1 271 0 1 271 0 1 271 0	25.00 25.00 24.50 25.00 25.00 24.50 24.00 24.00 23.00 23.00 23.00	23.78 23.89 24.43 23.78 23.43 22.62 22.39 21.33 20.62
	100	656000	3840	QPSK 16QAM	1 1 270 1 1 270 1 1 270 1 1 270 1 270	0 1 271 0 1 271 0 1 271 0 1 271 0	25.00 25.00 24.50 25.00 25.00 25.00 24.50 24.00 23.00 23.00 23.00 23.00 22.00	23.78 23.89 24.43 23.78 23.43 22.62 22.39 21.33 20.62 21.88
	100	656000	3840	QPSK 16QAM 64QAM	1 270 1 1 270 1 1 270 1 1 270 1	0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	25.00 25.00 25.00 25.00 25.00 24.50 24.00 24.00 23.00 23.00 23.00 22.00 22.00 21.00	23.78 23.89 24.43 23.78 23.43 22.62 22.39 21.33 20.62 21.88 19.70
	100	656000	3840	QPSK 16QAM	1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1	0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	25.00 25.00 24.50 25.00 25.00 25.00 24.00 24.00 23.00 23.00 23.00 22.00 21.00 21.00	23.78 23.89 24.43 23.78 23.43 22.62 22.39 21.33 20.62 21.88 19.70
	100	656000	3840	QPSK 16QAM 64QAM	1 1 270 1 1 270 1 270 1 1 270 1 1 270 1 1 270	0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	25.00 25.00 24.50 25.00 25.00 24.50 24.00 24.00 23.00 23.00 23.00 22.00 21.00 21.00 21.00	23.78 23.89 24.43 23.78 23.43 22.62 22.39 21.33 20.62 21.88 19.70 19.03
	100	656000	3840	QPSK 16QAM 64QAM	1 1 270 1 1 270 1 1 1 270 1 270 1 270 1 270 1 270	0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	25.00 25.00 24.50 25.00 25.00 24.50 24.00 24.00 23.00 23.00 23.00 21.00 21.00 21.00 25.00	23.78 23.89 24.43 23.78 23.43 22.62 22.39 20.62 21.33 20.62 21.88 19.70 19.03 19.89 23.64
	100	656000	3840	QPSK 16QAM 64QAM 256QAM	1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	25.00 25.00 24.50 25.00 25.00 24.50 24.00 23.00 23.00 23.00 21.00 21.00 21.00 21.00 25.00 25.00	23.78 23.89 24.43 23.78 23.43 22.62 22.39 21.33 20.62 21.88 19.70 19.03
	100	656000	3840	QPSK 16QAM 64QAM 256QAM	1 1 270 1 1 270 1 1 1 270 1 270 1 270 1 270 1 270	0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0	25.00 25.00 24.50 25.00 25.00 24.50 24.00 24.00 23.00 23.00 23.00 21.00 21.00 21.00 25.00 25.00 25.00 24.00 26.00	23.78 23.89 24.43 23.78 23.43 22.62 22.39 21.33 20.62 21.88 19.70 19.03 19.89 23.64 24.34 24.34
	100	656000	3840	QPSK 16QAM 64QAM 256QAM	1 1 270 1 1 1 270 1 1 1 1 270 270 1 1 1 1 270 270 1 1 1 270 270 1 1 270 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25.00 25.00 24.50 25.00 25.00 24.50 24.50 24.00 23.00 23.00 23.00 22.00 21.00 21.00 21.00 25.00 25.00 25.00 25.00 25.00 25.00	23.78 23.89 24.43 23.78 23.78 23.43 23.43 22.62 22.39 21.33 21.88 19.70 19.93 19.89 24.34 24.34 23.53
	100	656000	3840	QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	25.00 25.00 24.50 25.00 25.00 24.50 24.00 23.00 23.00 23.00 21.00 21.00 21.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 26.00 27	23.78 23.89 24.43 23.78 23.78 22.62 23.93 21.33 20.62 21.88 19.70 19.03 23.64 24.34 23.53 24.35 25.64 24.36
	100	656000	3840	QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25.00 25.00 24.50 25.00 25.00 24.50 24.50 24.00 23.00 23.00 23.00 22.00 21.00 21.00 21.00 25.00 25.00 25.00 25.00 25.00 25.00	23.78 23.89 24.43 23.78 23.78 23.43 23.43 22.62 22.39 21.33 21.88 19.70 19.93 19.89 24.34 24.34 23.53
	100	656000	3840	QPSK 16QAM 64QAM 256QAM PI/2 BPSK	1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 0 1 0 0 1 0 0 0 0 1 0 0 0 0 0	25.00 25.00 24.50 25.00 24.50 24.50 24.00 24.00 23.00 23.00 22.00 21.00 21.00 21.00 25	23.78 23.89 24.43 23.78 23.43 23.43 22.62 22.39 21.33 20.62 21.88 19.70 19.03 19.89 23.64 24.34 24.34 24.34 24.36 24.36 24.36
	100			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	25.00 25.00 24.50 25.00 25.00 24.50 24.50 24.00 23.00 23.00 21.00 21.00 21.00 25.00 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 24	23.78 23.89 24.43 23.78 23.78 22.62 23.43 22.62 21.33 20.62 21.88 19.70 19.89 23.64 23.53 23.62 23.62 23.62 23.63 23.62 23.62 24.34 23.53 23.62 23.62 23.62
	100			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 270 1 270 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 1 271 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25.00 25.00 24.50 25.00 24.50 24.50 24.00 23.00 23.00 23.00 21.00 21.00 21.00 25.00 25.00 24.00 25.00 26.00 26.00 26.00 26.00 27	23.78 23.89 24.43 23.78 23.43 22.62 21.33 20.62 21.88 19.70 19.03 23.64 24.34 24.34 25.35 26.62 26.35 27.62 27.88 28.64 28.36
	100			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK	1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	25.00 25.00 24.50 25.00 25.00 24.50 24.50 24.00 23.00 23.00 21.00 21.00 21.00 25.00 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 25.00 24.50 24	23.78 23.89 24.43 23.78 23.78 22.62 23.43 22.62 21.33 20.62 21.88 19.70 19.89 23.64 23.53 23.62 23.62 23.62 23.63 23.62 23.62 24.34 23.53 23.62 23.62 23.62
	100			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 2 1 1 2 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 1 2 1 1 1 1 2 1	25.00 25.00 24.50 25.00 24.50 24.50 24.00 24.00 23.00 23.00 21.00 21.00 21.00 25.00 25.00 25.00 24.50 24.00 23.00 23.00 23.00 23.00 23.00 24.00 23.00 23.00 23.00 24.00 23.00 24.00 23.00 24.00 23.00 24.00 23.00 24.00 23.00 24.00 23.00 24.00 23.00 24.00 23.00 24.00 23.00 24.00 23.00 24	23.78 23.89 24.43 23.78 23.78 22.62 23.93 21.33 20.62 21.88 19.70 19.03 19.89 23.64 24.34 23.53 24.36 24.36 23.02 24.36 23.02 23.33 21.93 20.66
	100			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 1 0 0 1 1 0 1 0 1 1 0 1 1 0 1 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 0 1 1 1 0 1	25.00 25.00 24.50 25.00 24.50 24.50 24.00 24.00 23.00 23.00 21.00 21.00 21.00 25	23.78 23.89 24.43 23.78 23.43 22.62 23.93 21.33 20.62 21.33 20.62 21.88 19.70 19.03 19.89 23.64 24.34 23.53 23.62 24.36 23.02 26.61 23.33 21.93 20.66
n77_SA 3700-3980)	100			QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK 16QAM	1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 2 1 1 2 1 2 1 2 1 2 1 2 1 1 2 1 2	25.00 25.00 24.50 25.00 24.50 24.50 24.50 24.00 23.00 23.00 21.00 21.00 21.00 25.00 25.00 24.50 24.50 24.50 24.50 25.00 25	23.78 23.89 24.43 23.89 24.43 23.78 23.62 22.62 21.88 19.70 19.03 19.89 23.64 24.34 23.53 24.36





P-sensor on

Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	up	(dBm)
		630334	3455.01	PI/2 BPSK	1	11	23.50	23.12
n77_SA	10	633334	3500.01	PI/2 BPSK	1	1	23.50	23.25
		636334	3545.01	PI/2 BPSK	1	1	23.50	23.11
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	up	(dBm)
		630500	3457.5	PI/2 BPSK	1	1	23.50	23.08
n77_SA	15	633334	3500.01	PI/2 BPSK	1	1	23.50	23.04
		636166	3542.49	PI/2 BPSK	1	11	23.50	23.10
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	up	(dBm)
		630668	3460.02	PI/2 BPSK	1	1	23.50	22.96
n77_SA	20	633334	3500.01	PI/2 BPSK	1	1	23.50	23.01
		636000	3540	PI/2 BPSK	1	11	23.50	22.85
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	au	(dBm)
		631000	3465	PI/2 BPSK	1	1	23.50	23.01
n77_SA	30	633334	3500.01	PI/2 BPSK	1	1	23.50	22.94
		635666	3534.99	PI/2 BPSK	1	1	23.50	22.91
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	uр	(dBm)
		631334	3470.01	PI/2 BPSK	1	1	23.50	23.05
n77_SA	40	633334	3500.01	PI/2 BPSK	1	1	23.50	22.78
		635334	3530.01	PI/2 BPSK	1	1	23.50	22.74
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
Build	(MHz)	Chamie	(MHz)		Allocation	Offset	au	(dBm)
		631668	3475.02	PI/2 BPSK	1	1	23.50	22.68
n77_SA	50	633334	3500.01	PI/2 BPSK	1	1	23.50	22.78
		635000	3525	PI/2 BPSK	1	1	23.50	22.96
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
Daria	(MHz)	CHamilei	(MHz)	Wiode	Allocation	Offset	au	(dBm)
		632000	3480	PI/2 BPSK	1	1	23.50	22.95
n77_SA	60	633334	3500.01	PI/2 BPSK	1	1	23.50	22.91
		634666	3519.99	PI/2 BPSK	1	1	23.50	22.78
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
Barra	(MHz)		(MHz)		Allocation	Offset	up	(dBm)
		632334	3485.01	PI/2 BPSK	1	1	23.50	23.08
n77_SA	70	633334	3500.01	PI/2 BPSK	1	1	23.50	23.12
		634334	3515.01	PI/2 BPSK	1	1	23.50	23.21
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	up	(dBm)
		632668	3490.02	PI/2 BPSK	1	1	23.50	23.18
n77_SA	80	633334	3500.01	PI/2 BPSK	1	1	23.50	23.14
		634000	3510	PI/2 BPSK	1	1	23.50	23.06
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
-2.10	(MHz)		(MHz)		Allocation	Offset	up	(dBm)
		633000	3495	PI/2 BPSK	1	1	23.50	23.15
n77_SA	90	633334	3500.01	PI/2 BPSK	1	1	23.50	23.10
		633666	3504.99	PI/2 BPSK	1	1	23.50	23.11
Band	BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-	Average power
	(MHz)		(MHz)		Allocation	Offset	au	(dBm)
					1	1	23.50	23.12
				PI/2 BPSK	1	271	23.50	23.08
					270	0	23.00	22.74
		Ī			1	1	23.50	23.36
					1	271	23.50	23.31
				QPSK				
				QPSK	270	0	23.00	22.88
	45-	606	0505		270 1	0 1	23.00 22.50	22.09
n77_SA	100	633334	3500.01	16QAM	270 1 1	0 1 271	23.00 22.50 22.50	22.09 22.04
n77_SA	100	633334	3500.01		270 1 1 270	0 1 271 0	23.00 22.50 22.50 21.50	22.09 22.04 21.20
n77_SA	100	633334	3500.01	16QAM	270 1 1 270 1	0 1 271 0 1	23.00 22.50 22.50 21.50 21.50	22.09 22.04 21.20 21.07
n77_SA	100	633334	3500.01		270 1 1 270 1 1	0 1 271 0	23.00 22.50 22.50 21.50 21.50 21.50	22.09 22.04 21.20 21.07 21.11
n77_SA	100	633334	3500.01	16QAM	270 1 1 270 1 1 270	0 1 271 0 1 271 0	23.00 22.50 22.50 21.50 21.50 21.50 20.50	22.09 22.04 21.20 21.07 21.11 20.11
n77_SA	100	633334	3500.01	16QAM 64QAM	270 1 1 270 1 1 270 1	0 1 271 0 1 271 0	23.00 22.50 22.50 21.50 21.50 21.50 20.50	22.09 22.04 21.20 21.07 21.11 20.11 20.01
n77_SA	100	633334	3500.01	16QAM	270 1 1 270 1 1 270	0 1 271 0 1 271 0	23.00 22.50 22.50 21.50 21.50 21.50 20.50	22.09 22.04 21.20 21.07 21.11 20.11





BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	647000	(MHz) 3705	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 23.50	(dBm) 22.54
10	656000	3840	PI/2 BPSK	1	1	23.50	22.54
	665000	3975	PI/2 BPSK	1	1	23.50	22.69
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	647168	(MHz) 3707.52	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 23.50	(dBm) 22.59
15	656000	3840	PI/2 BPSK	1	1	23.50	22.62
	664832	3972.48	PI/2 BPSK	1	1	23.50	22.74
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	647334	(MHz) 3710.01	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 23.50	(dBm) 22.63
20	656000	3840	PI/2 BPSK	1	1	23.50	22.67
	664666	3969.99	PI/2 BPSK	1	1	23.50	22.81
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	647666	(MHz) 3714.99	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 23.50	(dBm) 22.68
30	656000	3840	PI/2 BPSK	1	1	23.50	22.71
	664334	3965.01	PI/2 BPSK	1	1	23.50	22.86
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	648000	(MHz) 3720	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 23.50	(dBm) 22.75
40	656000	3840	PI/2 BPSK	1	1	23.50	22.77
	664000	3960	PI/2 BPSK	1	1	23.50	22.91
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)	640224	(MHz)	DI /2 DDCI/	Allocation	Offset	(dBm)	(dBm)
50	648334 656000	3725.01 3840	PI/2 BPSK PI/2 BPSK	1	1 1	23.50 23.50	22.82 22.89
	663666	3954.09	PI/2 BPSK	1	1	23.50	22.90
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
60	648668 656000	3730.02 3840	PI/2 BPSK PI/2 BPSK	1	1	23.50 23.50	22.96 22.94
	663332	3949.98	PI/2 BPSK	1	1	23.50	22.91
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
70	649000 656000	3735 3840	PI/2 BPSK PI/2 BPSK	1	1 1	23.50 23.50	23.03 23.01
, 0	663000	3945	PI/2 BPSK	1	1	23.50	23.12
BW	Channel	Frequency	Mode	UL RB	UL RB	Max.Tune-up	Average power
(MHz)		(MHz)		Allocation	Offset	(dBm)	(dBm)
80	649334	3740.01	PI/2 BPSK	1	1	23.50	23.07
80	656000 662666	3840 3939.99	PI/2 BPSK PI/2 BPSK	1	1	23.50 23.50	23.09 23.19
	00200						23,13
BW	Chamal	Frequency	NA1-	UL RB	UL RB	Max.Tune-up	Average power
BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Max.Tune-up (dBm)	Average power (dBm)
(MHz)	649668	(MHz) 3745.02	PI/2 BPSK	Allocation 1	Offset 1	(dBm) 23.50	(dBm) 23.21
	649668 656000	(MHz) 3745.02 3840	PI/2 BPSK PI/2 BPSK	Allocation 1 1	Offset 1 1	(dBm) 23.50 23.50	(dBm) 23.21 23.18
(MHz)	649668 656000 662332	(MHz) 3745.02 3840 3934.98	PI/2 BPSK PI/2 BPSK PI/2 BPSK	Allocation 1	Offset 1	(dBm) 23.50 23.50 23.50	(dBm) 23.21 23.18 23.14
(MHz) 90	649668 656000	(MHz) 3745.02 3840	PI/2 BPSK PI/2 BPSK	Allocation 1 1 1	Offset 1 1 1	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm)	(dBm) 23.21 23.18 23.14 Average power (dBm)
90 BW	649668 656000 662332	(MHz) 3745.02 3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	Allocation 1 1 1 UL RB Allocation 1	Offset 1 1 1 UL RB Offset 1	(dBm) 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11
90 BW	649668 656000 662332	(MHz) 3745.02 3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK PI/2 BPSK	Allocation 1 1 1 UL RB Allocation 1	Offset 1 1 1 UL RB Offset 1 271	(dBm) 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04
90 BW	649668 656000 662332	(MHz) 3745.02 3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	Allocation 1 1 1 UL RB Allocation 1	Offset 1 1 1 UL RB Offset 1	(dBm) 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11
90 BW	649668 656000 662332	(MHz) 3745.02 3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode	Allocation 1 1 1 UL RB Allocation 1 270 1 1	Offset 1 1 1 UL RB Offset 1 271 0	(dBm) 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.00	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74
90 BW	649668 656000 662332	(MHz) 3745.02 3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK	Allocation 1 1 1 UL RB Allocation 1 270 1 1 270	Offset 1 1 1 UL RB Offset 1 271 0 1 271 0	(dBm) 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96
90 BW	649668 655000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK	Allocation 1 1 1 UL RB Allocation 1 270 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 UL RB Offset 1 271 0 1 271 0 1	(dRm) 23.50 23.50 23.50 23.50 Max.Tune-up (dRm) 23.50 23.50 23.50 23.50 23.00 23.50 23.50 23.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96 22.08
90 BW	649668 656000 662332	(MHz) 3745.02 3840 3934.98 Frequency	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK	Allocation 1 1 1 UL RB Allocation 1 270 1 1 270	Offset 1 1 1 UL RB Offset 1 271 0 1 271 0	(dBm) 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96
90 BW	649668 655000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK	Allocation 1 1 1 1 UL RB Allocation 1 270 1 270 1 1 1 270 1 1 1 271	Offset 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1	(dRm) 23.50 23.50 23.50 23.50 Max.Tune-up (dRm) 23.50 23.50 23.50 23.50 23.00 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96 22.08 22.03
90 BW	649668 655000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK	Allocation 1 1 1 1 1 UL RB Allocation 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 22.03 21.19 21.06 21.10
90 BW	649668 655000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK	Allocation 1 1 1 1 1 1 UL RB Allocation 1 1 270 1 1 270 1 1 270 1 1 270 1 270 1 270	Offset 1 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 0	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 21.50 20.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96 22.08 22.03 21.19 21.06 21.10 20.10
90 BW	649668 655000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK Mode PI/2 BPSK	Allocation 1 1 1 1 1 UL RB Allocation 1 270 1 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271	(dBm) 23.50 23.50 23.50 23.50 Max. Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.00
90 BW	649668 655000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM	Allocation 1 1 1 1 1 1 1 1 1 270 1 270 1 270 1 270 1 270 1 270 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 1 1 UL RB Offset 1 271 271 0 1 271 0 1 271 0 1 1 271 0 1	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 21.50 20.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96 22.08 22.03 21.19 21.06 21.10 20.10
90 BW	649668 655000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK QPSK 16QAM 64QAM	Allocation 1 1 1 1 1 1 1 1 1 270 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1	Offset 1 1 1 1 UL RB Offset 1 271 271 0 1 271 0 1 271 271 0 1 271 0 1 1 271 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50 20.50 20.50 20.50 20.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.00 19.96 19.12 23.15
(MHz) 90 BW	649668 655000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM	Allocation 1 1 1 1 UL RB Allocation 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 21.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 21.19 21.06 21.10 20.00 19.96 19.12 23.15 23.11
90 BW	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK QPSK 16QAM 64QAM	Allocation 1 1 1 1 1 1 1 UL RB Allocation 1 1 270 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1	Offset 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 21.50 20.50 20.50 20.50 20.50 20.50 20.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.00 19.96 19.91 23.15 23.11 22.88
90 BW	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK QPSK 16QAM 64QAM	Allocation 1 1 1 1 UL RB Allocation 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 21.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 21.19 21.06 21.10 20.00 19.96 19.12 23.15 23.11
90 BW	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	Allocation 1 1 1 1 1 1 1 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 UL RB Offset 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 0 1 0 1 0 1 0 1 0 1 0	(dBm) 23.50 23.50 23.50 23.50 Max. Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.00 19.96 19.12 23.15 23.11 22.88 23.18 23.14 22.69
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	Allocation 1 1 1 1 1 1 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50 21.50 20.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 21.19 21.06 21.10 20.10 20.10 20.10 20.31 21.19 21.23 21.19 22.88 23.11 22.88 23.18 23.14 22.69 22.12
(MHz) 90 BW	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz)	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	Allocation 1 1 1 1 1 1 1 1 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 1 IRB Offset 1 271 0 1 271	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50 20.50 20.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 21.19 21.06 20.10 20.10 20.00 19.96 19.12 23.15 23.11 22.88 23.11 22.88 23.14 22.69 22.12
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK QPSK 16QAM	Allocation 1 1 1 1 1 1 1 1 1 270 1 1 270 1 1 270 1 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50 21.50 20.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 21.19 21.06 21.10 20.10 20.10 20.10 20.31 21.19 21.23 21.19 22.88 23.11 22.88 23.18 23.14 22.69 22.12
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK	Allocation 1 1 1 1 1 1 1 1 1 1 1 270 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 1 ULR Offset 1 271 0 1 271	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96 22.08 22.03 21.19 20.10 20.10 20.00 19.96 21.10 20.10 20.20 20.20 21.23 23.11 22.88 23.18 23.14 22.69 22.12 22.12 22.17 21.23 21.15 21.14
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK QPSK 16QAM	Allocation 1 1 1 1 1 1 1 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1	Offset 1 1 1 UL RB Offset 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 20.50 21.50 20.50 23.50 23.50 23.50 23.50 21.50 20.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.10 20.10 21.10 20.10 20.10 20.20 21.20 21.21 22.18 23.14 23.14 22.69 22.12 22.07 21.23 21.15 21.14 20.14
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK QPSK 16QAM	Allocation 1 1 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	(dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50 20.50 23.50 23.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50 20.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 21.19 21.06 21.10 20.10 20.00 19.96 19.12 23.15 23.11 22.88 23.14 22.69 22.03 21.19 21.10 20.1
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK 4QAM 256QAM PI/2 BPSK 4QAM 64QAM 64QAM 64QAM	Allocation 1 1 1 1 1 1 1 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1	Offset 1 1 1 UL RB Offset 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 20.50 21.50 20.50 23.50 23.50 23.50 23.50 21.50 20.50 20.50 20.50 20.50 20.50 21.50 21.50 21.50 21.50 21.50 21.50 21.50 21.50 21.50 21.50 21.50 21.50 21.50 21.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.10 20.10 21.10 20.10 20.10 20.20 21.20 21.21 22.18 23.14 23.14 22.69 22.12 22.07 21.23 21.15 21.14 20.14
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK 16QAM 256QAM PI/2 BPSK QPSK QPSK QPSK QPSK 16QAM 256QAM	Allocation 1 1 1 1 1 UL RB Allocation 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 20.50 20.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 21.19 21.06 21.10 20.10 20.00 19.96 19.12 23.15 23.11 22.88 23.14 22.69 22.03 21.19 21.10 20.10 20.00 19.16 20.00 20.00 20.00 19.16 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.10 20.00 20.00 20.00 20.10 20.00
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK 4QAM 256QAM PI/2 BPSK 4QAM 64QAM 64QAM 64QAM	Allocation 1 1 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 271 0 1 271	(dBm) 23.50 23.50 23.50 23.50 23.50 Max. Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50 20.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.00 19.96 21.12 23.15 23.11 22.88 23.14 23.14 22.69 22.12 22.07 21.23 21.15 21.14 20.04 20.00 19.16 23.25 23.17
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK 16QAM 256QAM PI/2 BPSK QPSK QPSK QPSK QPSK 16QAM 256QAM	Allocation 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 1 270 1 270 1 1 270 1 270 1 1 270 1 1 270 1	Offset 1 1 1 UL RB Offset 1 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 0 1 271 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(dBm) 23.50 23.50 23.50 33.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 20.50 21.50 20.50 21.50 20.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.10 20.10 21.10 20.11 20.11 21.23 21.15 23.11 22.88 23.14 22.69 22.12 22.07 21.123 21.15 21.14 20.04 20.00 19.16 20.00
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK 16QAM 256QAM PI/2 BPSK QPSK QPSK QPSK QPSK 16QAM 256QAM	Allocation 1 1 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 271 0 1 271	(dBm) 23.50 23.50 23.50 23.50 23.50 Max. Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50 20.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.00 19.96 21.12 23.15 23.11 22.88 23.14 23.14 22.69 22.12 22.07 21.23 21.15 21.14 20.04 20.00 19.16 23.25 23.17
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK QPSK QPSK QPSK QPSK QPSK Q	Allocation 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1 1 271 0 1	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50 20.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 21.19 21.06 21.10 20.10 20.10 21.10 20.10 21.10 20.10 21.1
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK QPSK QPSK QPSK QPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM	Allocation 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1	(dBm) 23.50 23.50 23.50 23.50 23.50 Max. Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50 20.50 20.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.10 20.00 19.96 21.12 23.15 23.11 22.88 23.14 22.69 22.12 22.07 21.23 21.15 21.14 20.04 20.00 19.16 20.00 19.16 23.25 23.17 23.39 23.44 23.18 23.19
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK QPSK QPSK QPSK QPSK QPSK Q	Allocation 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 UL RB Offset 1 1 271 0 1 271	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 20.50 20.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.10 21.10 20.10 21.10 20.10 21.10 20.10 21.10 20.10 21.10 20.10 21.10 20.10 21.10 20.10 20.10 21.10 20.10 20.11 20.1
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK QPSK QPSK QPSK QPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM	Allocation 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 1 UL RB Offset 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 271 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0	(dBm) 23.50 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50 20.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.10 21.10 20.10 21.10 21.23 21.15 23.11 22.88 23.14 22.69 22.12 22.07 21.23 21.15 21.14 20.04 20.00 19.96 23.25 23.17 23.39 23.44 23.18 23.19 23.11 20.14 20.04 20.00 20.04 20.04 20.00 20.04 20.05 20.17 21.23 21.25 21.14 20.14 20.26 20.27 21.23 21.25 22.27 23.39 23.44 23.18 23.10 22.22 22.27 21.23
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK Mode PI/2 BPSK QPSK 16QAM 64QAM 256QAM PI/2 BPSK QPSK QPSK QPSK QPSK QPSK QPSK QPSK 16QAM PI/2 BPSK QPSK 16QAM	Allocation 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 UL RB Offset 1 1 271 0 1 271	(dBm) 23.50 23.50 23.50 23.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 20.50 20.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.04 22.75 23.08 22.08 22.08 22.09 21.19 21.06 21.10 20.10 20.10 20.10 20.10 20.10 20.10 20.10 21.10 20.10 20.10 20.10 21.10 20.1
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM 64QAM 256QAM	Allocation 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 UL RB Offset 1 1 1 UL RB Offset 1 271 0 1	(dBm) 23.50 23.50 23.50 23.50 Max. Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 23.44 22.96 22.08 22.03 21.19 20.10 20.10 20.10 20.00 19.96 21.10 20.11 20.11 20.11 20.12 23.15 23.11 22.88 23.18 23.14 22.69 22.12 22.17 21.23 21.15 21.14 20.14 20.00 19.16 20.00 19.16 23.25 23.17 23.39 23.44 23.38 23.17 23.39 23.44 23.38 23.19 22.22 22.17 21.33 21.10 22.22 22.17 21.33 21.10 22.22 22.17 21.33 21.20 21.23
90 BW (MHz)	649668 656000 662332 Channel	(MHz) 3745.02 3840 3934.98 Frequency (MHz) 3750	PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK QPSK 16QAM 256QAM PI/2 BPSK QPSK 16QAM 64QAM 256QAM 64QAM 256QAM	Allocation 1 1 1 1 1 1 1 1 1 1 1 1 1 1 270 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 270 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 270 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Offset 1 1 1 UL RB Offset 1 1 1 1 UL RB Offset 1 271 0 1 271	(dBm) 23.50 23.50 23.50 33.50 Max.Tune-up (dBm) 23.50 23.50 23.50 23.50 23.50 23.50 23.50 23.50 21.50 21.50 21.50 20.50 21.50 23.50	(dBm) 23.21 23.18 23.14 Average power (dBm) 23.11 23.04 22.74 23.48 22.96 22.08 22.03 21.19 21.06 21.10 20.10 20.00 19.96 19.12 23.15 23.11 22.88 23.14 22.69 22.12 22.07 21.13 21.15 21.14 20.14 20.04 20.00 19.16 23.25 23.17 23.39 23.44 23.39 23.44 22.39 23.17 23.39 23.44 23.39 23.44 23.39 23.44 23.39 23.44 23.39 23.44 23.39 23.44 23.38 23.17 23.39 23.44 23.38 23.10 22.22 22.17 21.33 21.20 21.23





9.4. CONDUCTED POWER MEASUREMENTS OF Bluetooth

AX211D2W

Band	Mode	Channel	Frequency (MHz)	Max Power (dBm)	AVG Power (dBm)
		0	2402	10.50	
BR	DH5	39	2441	10.50	
		78	2480	10.50	
		0	2402	9.50	
	2DH5	39	2441	9.50	
EDR		78	2480	9.50	Not Doguiro
EDK		0	2402	9.50	Not Require
	3DH5	39	2441	9.50	
		78	2480	9.50	
		0	2402	9.00	
BLE	2M	19	2440	9.00	
		39	2480	9.00	

BE200D2W

Band	Mode	Channel	Frequency (MHz)	Max Power (dBm)	AVG Power (dBm)
		0	2402	15.50	
BR	DH5	39	2441	15.50	
		78	2480	15.50	
		0	2402	15.00	
	2DH5	39	2441	15.00	
EDR		78	2480	15.00	Not Poquiro
EDK		0	2402	15.50	Not Require
	3DH5	39	2441	15.50	
		78	2480	15.50	
		0	2402	15.50	
BLE	2M	19	2440	15.50	
		39	2480	15.50	

Note:

WLAN antenna distance is > 20cm, so SAR testing are not require.

Project No.: 2311T076 Page 129 of 151 Report Version: R04



9.5. CONDUCTED POWER MEASUREMENTS OF Wi-Fi 2.4GHz Band

AX211D2W

			Fraguency	Data	May Tuno Un	AVG Pow	ver (dBm)
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max Tune-Up Power (dBm)	Main	Aux
	802.11b	1-13	2412-2472	1	21.00		
	802.11g	1-13	2412-2472	6	21.00		
2.4G	802.11n20	1-13	2412-2472	HT0	21.00	Not Do	equired
2.40	802.11n40	3-11	2422-2462	HT0	21.00	NOT KE	equireu
	802.11ax20	1-13	2412-2472	HE0	21.00		
	802.11ax40	3-11	2422-2462	HE0	21.00		

BE200D2W

			Frequency	Data	Max Tune-Up	AVG Pow	ver (dBm)		
Band	Band Mode	Channel	(MHz)	Rate	Power (dBm)	Main	Aux		
	802.11b	1-13	2412-2472	1	23.00				
	802.11g	1-13	2412-2472	6	22.00				
	802.11n20	1-13	2412-2472	HT0	22.00				
2.4G	802.11n40	3-11	2422-2462	HT0	21.00	Not Pe	guired		
2.40	802.11ax20	1-13	2412-2472	HE0	22.00	NOCINE	quireu		
	802.11ax40	3-11	2422-2462	HE0	20.50	}			
	802.11be20	1-13	2412-2472	EHT	22.00				
	802.11be40	3-11	2422-2462	EHT	20.50				

Note:

WLAN antenna distance is > 20cm, so SAR testing are not require.

Project No.: 2311T076 Page 130 of 151 Report Version: R04



9.6. CONDUCTED POWER MEASUREMENTS OF 5G UNII_1

AX211D2W

			Frequency (MHz)	Data	Max Tune-Up	AVG Pow	ver (dBm)	
Band	Band Mode	Channel		Rate	Power (dBm)	Main	Aux	
	802.11a	36-48	5180-5240	6	16.00			
	802.11 n20	36-48	5180-5240	HT0	16.00			
5.2G	802.11 n40	38-46	5190-5230	HT0	18.00	i		
UNII_1	802.11 ac80	42	5210	VHT0	18.00	Not Re	equired	
ONII_1	802.11 ax20	36-48	5180-5240	HE0	16.00			
	802.11 ax40 3	38-46	5190-5230	HE0	18.00			
	802.11 ax80	42	5210	HE0	18.00			

BE200D2W

BEZUUDA						AVC D	/ -ID \
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max Tune-Up Power (dBm)	Main	ver (dBm) Aux
	802.11a	36-48	5180-5240	6	21.50		
	802.11 n20	36-48	5180-5240	HT0	21.75		
	802.11 n40	38-46	5190-5230	HT0	21.75		
	802.11 ac80	42	5210	VHT0	21.00		
5.2G	802.11 ax20	36-48	5180-5240	HE0	21.75	Not Do	quired
UNII_1	802.11 ax40	38-46	5190-5230	HE0	21.50	NOT NO	:quii eu
	802.11 ax80	42	5210	HE0	20.75		
	802.11 be20	36-48	5180-5240	EHT	21.75		
	802.11 be40	38-46	5190-5230	EHT	21.50		
	802.11 be80	42	5210	EHT	20.75		

Note:

WLAN antenna distance is > 20cm, so SAR testing are not require.

Project No.: 2311T076 Page 131 of 151 Report Version: R04



9.7. CONDUCTED POWER MEASUREMENTS OF 5G UNII_2A

AX211D2W

			Fraguancy	Data	May Tuno IIn	AVG Pow	ver (dBm)	
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max Tune-Up Power (dBm)	Main	Aux	
	802.11a	52-64	5260-5320	6	21.00			
	802.11 n20	52-64	5260-5320	HT0	21.00			
	802.11 n40	54-62	5270-5310	HT0	21.00			
5.3G	802.11 ac80	58	5290	VHT0	18.00			
	802.11 ac160	50	5250	VHT0	15.00	Not Required		
UNII_2a	802.11 ax20	52-64	5260-5320	HE0	21.00			
	802.11 ax40	54-62	5270-5310	HE0	21.00			
	802.11 ax80	58	5290	HE0	18.00			
	802.11 ax160	50	5250	HE0	15.00			

BE200D2W

			Fraguancy	Data	Max Tune-Up	AVG Pow	ver (dBm)	
Band	Mode	Channel	Frequency (MHz)	Data Rate	Power (dBm)	Main	Aux	
	802.11a	52-64	5260-5320	6	21.50			
	802.11 n20	52-64	5260-5320	HT0	21.75			
	802.11 n40	54-62	5270-5310	HT0	22.50			
	802.11 ac80	58	5290	VHT0	19.50			
	802.11 ac160	50	5250	VHT0	19.50			
5.3G	802.11 ax20	52-64	5260-5320	HE0	22.00			
	802.11 ax40	54-62	5270-5310	HE0	22.50	Not Re	quired	
UNII_2a	802.11 ax80	58	5290	HE0	20.00			
	802.11 ax160	50	5250	HE0	18.75			
	802.11 be20	52-64	5260-5320	EHT	22.00			
	802.11 be40	54-62	5270-5310	EHT	22.50			
	802.11 be80	58	5290	EHT	20.00			
	802.11 be160	50	5250	EHT	18.75	i		

Note:

WLAN antenna distance is > 20cm, so SAR testing are not require.

Project No.: 2311T076 Page 132 of 151 Report Version: R04



9.8. CONDUCTED POWER MEASUREMENTS OF 5G UNII_2C

AX211D2W

			Fraguency	Data	May Tuno Un	AVG Pov	ver (dBm)	
Band	Mode	Channel	Frequency Data (MHz) Rate		Max Tune-Up Power (dBm)	Main	Aux	
	802.11a	100-140	5500-5700	6	21.00			
	802.11 n20	100-140	5500-5700	HT0	21.00			
	802.11 n40	102-134	5510-5670	HT0	21.00	Not Required		
5.6G	802.11 ac80	106-122	5530-5610	VHT0	21.00			
	802.11 ac160	114	5570	VHT0	16.00			
UNII_2c	802.11 ax20	100-128	5500-5640	HE0	21.00			
	802.11 ax40	102-126	5510-5630	HE0	21.00]		
	802.11 ax80	106-122	5530-5610	HE0	21.00			
	802.11 ax160	114	5570	HE0	16.00	•		

BE200D2W

			Fraguency	Data	May Tuna Un	AVG Pov	ver (dBm)	
Band	Mode	Channel	Frequency Data (MHz) Rate		Max Tune-Up Power (dBm)	Main	Aux	
	802.11a	100-140	5500-5700	6	21.50			
	802.11 n20	100-140	5500-5700	HT0	21.50			
	802.11 n40	102-134	5510-5670	HT0	24.00			
	802.11 ac80	106-138	5530-5690	VHT0	22.00			
	802.11 ac160	114	5570	VHT0	19.00			
5.6G	802.11 ax20	100-140	5500-5700	HE0	21.75	Ì		
	802.11 ax40	102-134	5510-5670	HE0	23.25	Not Re	equired	
UNII_2c	802.11 ax80	106-138	5530-5690	HE0	22.50	1		
	802.11 ax160	114	5570	HE0	19.75			
	802.11 be20	100-140	5500-5700	EHT	21.75			
	802.11 be40	102-134	5510-5670	EHT	23.25			
	802.11 be80	106-138	5530-5690	EHT	22.50			
	802.11 be160	114	5570	EHT	19.75	1		

Note:

WLAN antenna distance is > 20cm, so SAR testing are not require.

Project No.: 2311T076 Page 133 of 151 Report Version: R04



9.9. CONDUCTED POWER MEASUREMENTS OF 5G UNII_3

AX211D2W

			Fraguency	Data	May Tuna Un	AVG Pow	ver (dBm)
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max Tune-Up Power (dBm)	Main	Aux
	802.11a	149-165	5745-5825	6	21.00		
	802.11 n20	149-165	5745-5825	HT0	21.00		
5.8G	802.11 n40	151-159	5755-5795	HT0	21.00		
	802.11 ac80	155	5775	VHT0	21.00	Not Re	quired
UNII_3	802.11 ax20	149-165	5745-5825	HE0	21.00		
	802.11 ax40	151-159	5755-5795	HE0	21.00		
	802.11 ax80	155	5775	HE0	21.00		

BE200D2W

			Fraguancy	Data	May Tuno Un	AVG Pow	ver (dBm)	
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max Tune-Up Power (dBm)	Main	Aux	
	802.11a	149-165	5745-5825	6	23.75			
	802.11 n20	149-165	5745-5825	HT0	23.75			
	802.11 n40	151-159	5755-5795	HT0	23.75			
	802.11 ac80	155	5775	VHT0	21.75			
5.8G	802.11 ax20	149-165	5745-5825	HE0	23.75	Not Po	equired	
UNII_3	802.11 ax40	151-159	5755-5795	HE0	23.75	NOT NO	quireu	
_	802.11 ax80	155	5775	HE0	21.75			
	802.11 be20	149-165	5745-5825	EHT	23.75			
	802.11 be40	151-159	5755-5795	EHT	23.75			
	802.11 be80	155	5775	EHT	21.75			

Note:

WLAN antenna distance is > 20cm, so SAR testing are not require .

Project No.: 2311T076 Page 134 of 151 Report Version: R04



9.10. CONDUCTED POWER MEASUREMENTS OF 5G UNII_4

BE200D2W

			Francisco au	Data	May Tuna IIIn	AVG Pow	ver (dBm)	
Band	Mode	Channel	' ' '	Max Tune-Up Power (dBm)	Main	Aux		
	802.11a	169-177	5845-5885	6	19.75			
	802.11 n20	169-177	5845-5885	HT0	20.00			
	802.11 n40	167-175	5835-5875	HT0	23.25			
	802.11 ac80	171	5855	VHT0	22.20			
	802.11 ac160	163	5815	VHT0	19.75			
5.9G	802.11 ax20	169-177	5845-5885	HE0	20.00			
	802.11 ax40	167-175	5835-5875	HE0	23.25	Not Re	quired	
UNII_4	802.11 ax80	171	5855	HE0	22.25			
	802.11 ax160	163	5815	HE0	19.00			
	802.11 be20	169-177	5845-5885	EHT	20.00			
	802.11 be40	167-175	5835-5875	EHT	23.25			
	802.11 be80	171	5855	EHT	22.25			
	802.11 be160	163	5815	EHT	19.00			



WLAN antenna distance is > 20cm, so SAR testing are not require .

Project No.: 2311T076 Page 135 of 151 Report Version: R04



9.11. CONDUCTED POWER MEASUREMENTS OF 6G UNII_5

AX211D2W

		_	Fraguancy	Data	a May Tuno Un	AVG Power (dBm)	
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max Tune-Up Power (dBm)	Main	Aux
	802.11 ax20	1 - 93	5955 -6415	HE0	13.50	·	
6.2G	802.11 ax40	3 - 43	5965 - 6165	HE0	13.50	Not Do	auirad
UNII_5	802.11 ax80	7 - 87	5985 - 6385	HE0	13.50	Not Required	
_	802.11 ax160	15 - 79	6025 - 6345	HE0	13.50		

BE200D2W

			Frequency (MHz)	Data	Data Max Tune-Up	AVG Pow	ver (dBm)	
Band		Channel		Rate	Power (dBm)	Main	Aux	
	802.11 ax20	1 - 93	5955 -6415	HE0	22.75			
	802.11 ax40	3 - 43	5965 - 6165	HE0	22.75			
	802.11 ax80	7 - 87	5985 - 6385	HE0	22.25			
6.2G	802.11 ax160	15 - 79	6025 - 6345	HE0	21.25			
	802.11 be20	1 - 93	5955 -6415	EHT	22.75	Not Re	quired	
UNII_5	802.11 be40	3 - 43	5965 - 6165	EHT	22.75			
	802.11 be80	7 - 87	5985 - 6385	EHT	22.25			
	802.11 be160	15 - 79	6025 - 6345	EHT	21.25			
•	802.11 be320	31 - 95	6105 - 6425	EHT	18.50			

Note:

WLAN antenna distance is > 20cm, so SAR testing are not require.

Project No.: 2311T076 Page 136 of 151 Report Version: R04



9.12. CONDUCTED POWER MEASUREMENTS OF 6G UNII $_6$

AX211D2W

			Fraguancy	Data	May Tuno Un	AVG Pow	ver (dBm)	
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max Tune-Up Power (dBm)	Main	Aux	
	802.11 ax20	97 - 113	6435 - 6515	HE0	13.50			
6.5G	802.11 ax40	99 -107	6445- 6485	HE0	13.50	Not Required		
UNII_6	802.11 ax80	103 - 119	6465 - 6545	HE0	13.50	NOT KE	quireu	
_	802.11 ax160	111	6505	HE0	13.50			

BE200D2W

			Fraguancy	Data	May Tuno IIn	AVG Pow	ver (dBm)		
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max Tune-Up Power (dBm)	Main	Aux		
	802.11 ax20	97 - 113	6435 - 6515	HE0	5.75				
	802.11 ax40	99 -107	6445- 6485	HE0	8.75				
	802.11 ax80	103 - 119	6465 - 6545	HE0	11.75				
6.5G	802.11 ax160	111	6505	HE0	14.75	Not Doguired			
UNII 6	802.11 be20	97 - 113	6435 - 6515	EHT	5.75	Not Required			
_	802.11 be40	99 -107	6445- 6485	EHT	8.75				
	802.11 be80	103 - 119	6465 - 6545	EHT	11.75				
	802.11 be160	111	6505	EHT	14.75				

Note:

WLAN antenna distance is > 20cm, so SAR testing are not require.

Project No.: 2311T076 Page 137 of 151 Report Version: R04



9.13. CONDUCTED POWER MEASUREMENTS OF 6G UNII_7

AX211D2W

						AVG Pow	ver (dBm)
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max Tune-Up Power (dBm)	Main	Aux
	802.11 ax20	117 - 181	6535 - 6855	HE0	13.50		
6.7G	802.11 ax40	115 - 179	6525 - 6845	HE0	13.50	Not Required	
UNII_7	802.11 ax80	135 - 167	6625 - 6785	HE0	13.50	NOT KE	equirea
_	802.11 ax160	143 - 175	6665 - 6825	HE0	13.50		

BE200D2W

			Fraguancy	Data	May Tuna Un	AVG Pow	ver (dBm)		
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max Tune-Up Power (dBm)	Main	Aux		
	802.11 ax20	117 - 181	6535 - 6855	HE0	22.50				
	802.11 ax40	115 - 179	6525 - 6845	HE0	22.50	•			
	802.11 ax80	135 - 167	6625 -6785	HE0	22.00				
6.7G	802.11 ax160	143 - 175	6665 - 6825	HE0	20.50				
	802.11 be20	117 - 181	6535 - 6855	EHT	22.50	Not Re	quired		
UNII_7	802.11 be40	115 - 179	6525 - 6845	EHT	22.50				
	802.11 be80	135 - 167	6625 -6785	EHT	22.00				
	802.11 be160	143 - 175	6665 - 6825	EHT	20.50				
	802.11 be320 127 - 159		6585 - 6745	EHT	17.25	7			

Note:

WLAN antenna distance is > 20cm, so SAR testing are not require.

Project No.: 2311T076 Page 138 of 151 Report Version: R04



9.14. CONDUCTED POWER MEASUREMENTS OF 6G UNII_8

AX211D2W

			Fraguency	Data	May Tuno Un	AVG Pow	ver (dBm)	
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max Tune-Up Power (dBm)	Main	Aux	
	802.11 ax20	185 - 233	6875 - 7115	HE0	13.50			
7.0G	802.11 ax40	187 - 227	6885 - 7085	HE0	13.50	Not Required		
UNII 8	802.11 ax80	183 - 215	6865 - 7025	HE0	13.50	NOT KE	quireu	
_	802.11 ax160	207	6985	HE0	13.50			

BE200D2W

			Fraguency	Data	May Tuna Un	AVG Pow	ver (dBm)	
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max Tune-Up Power (dBm)	Main	Aux	
	802.11 ax20	185 - 233	6875 - 7115	HE0	5.75			
	802.11 ax40	187 - 227	6885 - 7085	HE0	8.75			
	802.11 ax80	183 - 215	6865 - 7025	HE0	12.00			
7.0G	802.11 ax160	207	6985	HE0	14.75	Not Required		
	802.11 be20	185 - 233	6875 - 7115	EHT	5.75			
UNII_8	802.11 be40	187 - 227	6885 - 7085	EHT	8.75			
	802.11 be80	183 - 215	6865 - 7025	EHT	12.00			
	802.11 be160 207		6985	EHT	14.75			
	802.11 be100 207		6905	EHT	17.25			

Note:

WLAN antenna distance is > 20cm, so SAR testing are not require.

Project No.: 2311T076 Page 139 of 151 Report Version: R04



9.15. SAR TEST RESULTS

General Notes:

Per KDB447498 D04, all measurement SAR results are scaled to the maximum tune-up tolerance limit to demonstrate compliant.

Per KDB447498 D04, testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is: \leq 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is \leq 100 MHz. When the maximum output power variation across the required test channels is > $\frac{1}{2}$ dB, instead of the middle channel, the highest output power channel must be used.

Per KDB865664 D01, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/kg; if the deviation among the repeated measurement is ≤20%, and the measured SAR <1.45W/kg, only one repeated measurement is required.

Project No.: 2311T076 Page 140 of 151 Report Version: R04



10. SAR TEST RESULTS

10.1. SAR test result

SAR test reults of WWAN

WCDMA

P-Sensor	Band	Mode	channel	distance (mm)	Ant Vendor	Test Position	Max Tune-up (dBm)	AVG Power (dBm)	Area Scan	SAR 1g	Reported SAR 1g	Note
		RMC12.2K	9400	0		Bottom	17.00	16.99	0.954	0.883	0.885	
on	UMTS Band II	RMC12.2K	9262	0	ICT	Bottom	17.00	16.88	0.888	0.847	0.871	1
	Olvi i 3 Ballu II	RMC12.2K	9538	0	ICI	Bottom	17.00	16.97	0.995	0.911	0.917	1
off		RMC12.2K	9538	14		Bottom	23.00	22.83	0.392	0.378	0.393	
		RMC12.2K	1413	0		Bottom	19.00	18.94	1.030	0.988	1.002	
	- -	RMC12.2K	1312	0	ICT	Bottom	19.00	18.89	0.922	0.897	0.920	1
on	UMTS Band IV	RMC12.2K	1513	0	ICI	Bottom	19.00	18.91	1.160	1.100	1.123	1
	OIVITS Ballu IV	RMC12.2K	1513	0		Bottom	19.00	18.91	1.050	1.010	1.031	2
		RMC12.2K	1513	0	SPEED	Bottom	19.00	18.91	0.955	0.932	0.952	3
off		RMC12.2K	1312	14	ICT	Bottom	22.50	22.34	0.528	0.568	0.589	
		RMC12.2K	4183	0		Bottom	22.00	21.92	0.967	0.891	0.908	
on	UMTS Band V	RMC12.2K	4132	0	ICT	Bottom	22.00	21.88	0.941	0.882	0.907	1
		RMC12.2K	4233	0		Bottom	22.00	21.86	1.000	0.936	0.967	1
off		RMC12.2K	4233	14		Bottom	23.00	22.38	0.159	0.148	0.171	

Note:

- 1. Highest reported SAR is > 0.8 W/kg. Added second highest power channel for this test position
- 2. Repeated measurements are required only when the measured SAR is ≥0.80 W/kg. If the measured SAR values are < 1.45 W/kg with ≤20% variation, only one repeated measurement is required to reaffirm that the results are not expected to have substantial variations, which may introduce significant compliance concerns. Original SAR =1.100 W/kg, therefore second times repeat SAR is required.

Repeat SAR =1.010 W/kg < 1.45 W/kg

SAR variation= -8.18% < 20%

3. The result used an other antenna to spot check for worst channel of the original antenna that the SAR result can be meet and compliant.

Project No.: 2311T076 Page 141 of 151 Report Version: R04



LTE

P-sensor	Band	Mode	channel	RB	Offset	distance (mm)	Ant Vendor	Test Position	Max Tune-up (dBm)	AVG Power (dBm)	Area Scan	SAR 1g	Reported SAR 1g	Note
		QPSK20M	18900	1	0	0		Bottom	17.00	16.87	0.849	0.791	0.815	
		QPSK20M	18700	1	0	0		Bottom	17.00	16.84	0.832	0.776	0.805	1
on		QPSK20M	19100	1	0	0		Bottom	17.00	16.82	0.871	0.794	0.828	1
	LTE Band 2	QPSK20M	18900	50	0	0	ICT	Bottom	16.00	15.91	0.680	0.626	0.639	1
		QPSK20M	18900	100	0	0		Bottom	16.00	15.91	0.673	0.619	0.632	1
off		QPSK20M	18900	1	49	14		Bottom	23.50	23.30	0.374	0.373	0.391	
OH		QPSK20M	18900	50	0	14		Bottom	23.00	22.42	0.305	0.301	0.344	
		QPSK20M	20175	1	0	0		Bottom	19.00	18.88	0.908	0.872	0.896	
		QPSK20M	20050	1	0	0	1	Bottom	19.00	18.82	0.845	0.820	0.855	1
		QPSK20M	20300	1	0	0	Ī	Bottom	19.00	18.86	1.060	0.927	0.957	1
on		QPSK20M	20175	50	0	0		Bottom	18.00	17.92	1.060	0.937	0.954	1
	LTE Band 4	QPSK20M	20050	50	0	0	ICT	Bottom	18.00	17.91	0.946	0.830	0.847	1
		QPSK20M	20300	50	0	0		Bottom	18.00	17.95	1.060	0.943	0.954	1
		QPSK20M	20175	100	0	0	İ	Bottom	18.00	17.92	1.010	0.905	0.922	1
		QPSK20M	20050	1	0	0	İ	Bottom	23.50	23.47	0.346	0.253	0.255	
off		QPSK20M	20050	50	0	0	İ	Bottom	23.00	22.58	0.157	0.177	0.195	
		QPSK10M	20525	1	0	0		Bottom	22.50	22.36	0.838	0.786	0.812	
		QPSK10M	20450	1	0	0		Bottom	22.50	22.25	0.869	0.814	0.862	1
on		QPSK10M	20600	1	0	0		Bottom	22.50	22.34	0.903	0.674	0.699	1
OII	LTE Band 5	QPSK10M	20525	25	0	0	ICT	Bottom	21.50	21.45	0.714	0.660	0.668	1
	ETE Datia 5	QPSK10M	20525	50	0	0	'``'	Bottom	21.50	21.40	0.714	0.680	0.696	1
\vdash		QPSK10M	20450	1	0	14	ł	Bottom	23.50	23.28	0.753	0.080	0.090	
off		QPSK10M QPSK10M	20450	25	0	14	1	Bottom	23.00	23.28	0.153	0.135	0.142	
\vdash		QPSK10IM QPSK20M	21100		0	0	-		20.00	19.82	0.121		0.119	
		-, -		1			}	Bottom				0.861		
		QPSK20M	20850	1	0	0	1	Bottom	20.00	19.79	1.070	0.967	1.015	1
		QPSK20M	21350	1	0	0	1	Bottom	20.00	19.71	0.885	0.824	0.881	1
on		QPSK20M	21100	50	0	0		Bottom	19.00	18.91	0.924	0.872	0.890	1
	LTE Band 7	QPSK20M	20850	50	0	0	ICT	Bottom	19.00	18.88	1.020	0.962	0.989	1
		QPSK20M	21350	50	0	0		Bottom	19.00	18.80	0.754	0.661	0.692	1
		QPSK20M	21100	100	0	0		Bottom	19.00	18.86	0.793	0.702	0.725	1
off		QPSK20M	21350	1	49	14		Bottom	22.00	22.24	0.399	0.364	0.344	
011		QPSK20M	21350	50	0	14		Bottom	21.50	21.48	0.396	0.363	0.365	
		QPSK10M	23095	1	0	0		Bottom	23.00	22.83	0.777	0.807	0.839	
		QPSK10M	23060	1	0	0		Bottom	23.00	22.79	0.767	0.802	0.842	1
on		QPSK10M	23130	1	0	0		Bottom	23.00	22.81	0.793	0.821	0.858	1
	LTE Band 12	QPSK10M	23095	25	0	0	ICT	Bottom	22.00	21.92	0.632	0.652	0.664	1
		QPSK10M	23095	50	0	0		Bottom	22.00	21.87	0.639	0.662	0.682	1
		QPSK10M	23060	1	24	0	Ī	Bottom	24.00	23.62	0.105	0.109	0.119	
off		QPSK10M	23060	25	0	0	İ	Bottom	23.50	22.89	0.084	0.087	0.100	
		QPSK10M	23230	1	0	0		Bottom	23.00	22.83	0.965	0.942	0.980	
on		QPSK10M	23230	25	0	0		Bottom	22.00	21.84	0.792	0.757	0.785	1
	LTE Band 13	QPSK10M	23230	50	0	0	ICT	Bottom	22.00	21.78	0.791	0.760	0.799	1
		QPSK10M	23230	1	24	14		Bottom	24.00	23.51	0.239	0.279	0.312	
off		QPSK10M	23230	25	0	14		Bottom	23.50	22.75	0.229	0.241	0.286	
		QPSK10M	23330	1	0	0		Bottom	23.00	22.88	0.986	0.929	0.955	
on		QPSK10M	23330	25	0	0		Bottom	22.00	21.89	0.770	0.739	0.758	1
011	LTE Band 14	QPSK10M	23330	50	0	0	ICT	Bottom	22.00	21.83	0.770	0.743	0.773	1
	LIE Bulla 14	QPSK10M	23330	1	0	14	101	Bottom	24.00	23.51	0.760	0.383	0.429	
off		QPSK10M	23330	25	_						0.292	0.383		
 		QPSK10IVI QPSK10IVI	23330	1	0	14 0	 	Bottom Bottom	23.50 22.50	22.63 22.42	0.292	0.800	0.365 0.815	
		QPSK10IVI QPSK10IVI	23790	1	0	0	1	Bottom	22.50	22.42	0.790	0.803	0.815	1
on		QPSK10M	23800	1	0	0	1	Bottom	22.50	22.37	0.779	0.803	0.832	1
011	LTE Band 17	QPSK10IVI QPSK10IVI	23790	25	0	0	ICT	Bottom	21.50	21.49	0.779	0.655	0.657	1
	LIL DAIIU 1/		23790		0	0	101		21.50			1		1
		QPSK10M		50				Bottom		21.46	0.634	0.658	0.664	1
off		QPSK10M	23780	1	24	14	1	Bottom	23.50	23.44	0.250	0.272	0.276	-
		QPSK10M	23780	25	0	14	1	Bottom	23.00	22.67	0.214	0.227	0.245	-
		QPSK20M	26365	1	0	0	1	Bottom	17.00	16.82	0.775	0.750	0.782	
on		QPSK20M	26140	1	0	0	1	Bottom	17.00	16.74	0.756	0.733	0.778	
"	LTE Band 25	QPSK20M	26590	1	0	0	ICT	Bottom	17.00	16.75	0.781	0.747	0.791	
		QPSK20M	26365	50	0	0		Bottom	16.00	15.91	0.785	0.756	0.772	
off		QPSK20M	26140	1	0	14	1	Bottom	24.00	23.45	0.366	0.364	0.413	
011		QPSK20M	26140	50	0	14		Bottom	23.50	22.71	0.297	0.294	0.353	
		QPSK15M	26915	1	0	0]	Bottom	23.00	22.83	0.767	0.766	0.797	
		QPSK15M	26865	1	0	0	1	Bottom	23.00	22.76	0.755	0.768	0.812	
on	ITE Band 30	QPSK15M	26965	1	0	0	ICT.	Bottom	23.00	22.79	0.788	0.766	0.804	
	LTE Band 26	QPSK15M	26915	36	0	0	ICT	Bottom	22.00	21.92	0.620	0.627	0.639	
		QPSK15M	26865	1	0	0	1	Bottom	24.00	23.88	0.312	0.365	0.375	
off		QPSK15M	26865	36	0	14	1	Bottom	23.50	22.95	0.278	0.317	0.360	
		QPSK10M	27710	1	0	0		Bottom	19.00	18.88	1.180	1.080	1.110	
on		QPSK10M	27710	25	0	0	1	Bottom	18.00	17.83	0.955	0.860	0.894	1
511	LTE Band 30	QPSK10M	27710	50	0	0		Bottom	18.00	17.86	0.933	0.855	0.883	1
\vdash	LIL Ballu 30	QPSK10IVI QPSK10IVI	27710	1	24	14	 		21.00	20.05	0.602	0.855	0.883	1
off		QPSK10M QPSK10M		25			1	Bottom				1		
011		I UPSKIUM/	27710	45	0	14	1	Bottom	20.50	19.15	0.606	0.542	0.740	i



						distance	Ant	Test	Max Tune-up	AVG Power			Reported	
P-sensor	Band	Mode	channel	RB	Offset	(mm)	Vendor	Position	(dBm)	(dBm)	Area Scan	SAR 1g	SAR 1g	Note
		QPSK20M	38000	1	0	0		Bottom	21.50	21.38	0.829	0.788	0.810	
		QPSK20M	37850	1	0	0	<u> </u>	Bottom	21.50	21.34	0.822	0.783	0.812	1
on		QPSK20M	38150	1	0	0	-	Bottom	21.50	21.32	0.855	0.813	0.847	1
	LTE Band 38	QPSK20M	38000	50	0	0	ICT	Bottom	20.50	20.47	0.677	0.633	0.637	1
	LIE Dallu 30	QPSK20M QPSK20M	38000 38000	100	0	0 14	ICI	Bottom Bottom	20.50 22.50	20.30 21.63	0.694 0.109	0.651 0.100	0.682 0.122	1
		QPSK20IVI	38000	50	0	14	1	Bottom	22.00	20.83	0.109	0.100	0.122	
off		QPSK20M	38000	1	0	14		Bottom	23.00	22.08	0.103	0.101	0.132	
		QPSK20M	38000	50	0	14	1	Bottom	22.50	21.25	0.181	0.159	0.212	
		QPSK20M	40620	1	0	0		Bottom	23.50	23.40	0.829	0.794	0.812	
		QPSK20M	39750	1	0	0	1	Bottom	23.50	23.39	0.779	0.790	0.810	1
on		QPSK20M	41490	1	0	0		Bottom	23.50	23.37	0.790	0.714	0.736	1
	LTE D	QPSK20M	40620	50	0	0	ICT	Bottom	22.50	22.49	0.716	0.666	0.668	1
	LTE Bnad 41	QPSK20M	40620	1	0	14	ICT	Bottom	24.50	23.49	0.344	0.348	0.439	
off		QPSK20M	40620	50	0	14		Bottom	23.50	22.75	0.240	0.270	0.321	
OII		QPSK20M	40620	1	0	14		Bottom	25.00	23.93	0.354	0.381	0.487	
		QPSK20M	40620	50	0	14		Bottom	24.00	23.13	0.366	0.376	0.459	
		QPSK20M	42590	1	0	0		Bottom	20.00	19.82	0.344	0.364	0.379	
on		QPSK20M	42190	1	0	0		Bottom	20.00	19.76	0.436	0.398	0.421	
		QPSK20M	42990	1	0	0		Bottom	20.00	19.75	0.334	0.297	0.315	
	LTE Bnad 42	QPSK20M	42590	50	0	0	ICT	Bottom	19.00	18.91	0.267	0.242	0.247	
		QPSK20M	42990	1	99	14		Bottom	21.00	20.94	0.068	0.057	0.058	
off		QPSK20M	42990	50	0	14	-	Bottom	20.50	19.88	0.067	0.056	0.065	
		QPSK20M QPSK20M	42990 42990	50	0	14 14	-	Bottom Bottom	21.50 20.50	21.46 20.37	0.084 0.066	0.069 0.054	0.070 0.056	
		QPSK20IVI	45090	1	0	0		Bottom	20.00	19.84	0.330	0.034	0.036	
		QPSK20M	44690	1	0	0	1	Bottom	20.00	19.76	0.334	0.304	0.317	
on		QPSK20M	45490	1	0	0	1	Bottom	20.00	19.80	0.326	0.345	0.361	
		QPSK20M	45090	50	0	0		Bottom	19.00	18.93	0.211	0.194	0.197	
	LTE Band 43	QPSK20M	44690	1	49	14	ICT	Bottom	21.00	20.61	0.087	0.076	0.083	
- 66		QPSK20M	44690	50	0	14	İ	Bottom	20.00	19.33	0.065	0.060	0.070	
off		QPSK20M	44690	1	49	14		Bottom	21.50	21.03	0.086	0.082	0.091	
		QPSK20M	44690	50	0	14		Bottom	20.50	19.83	0.081	0.076	0.089	
		QPSK20M	55990	1	0	0		Bottom	20.50	20.38	0.272	0.242	0.249	
on		QPSK20M	55340	1	0	0		Bottom	20.50	20.10	0.294	0.301	0.330	
0	LTE Band 48	QPSK20M	56640	1	0	0	ICT	Bottom	20.50	20.25	0.217	0.210	0.222	
		QPSK20M	55990	50	0	0		Bottom	19.50	19.47	0.225	0.222	0.224	
off		QPSK20M	55340	1	99	14		Bottom	21.50	21.13	0.153	0.301	0.328	
		QPSK20M	55340	50	0	14		Bottom	21.00	20.52	0.241	0.118	0.132	
		QPSK20M	132322	1	0	0		Bottom	19.00	18.89	1.030	0.963	0.988	<u> </u>
		QPSK20M QPSK20M	132072 132572	1	0	0	1	Bottom Bottom	19.00 19.00	18.83 18.85	0.880 1.140	0.826 1.070	0.859 1.108	1
		QPSK20M	132322	50	0	0	ICT	Bottom	18.00	17.92	1.040	0.977	0.995	1
on		QPSK20M	132072	50	0	0	101	Bottom	18.00	17.92	0.904	0.845	0.993	1
OII	LTE Band 66	QPSK20M	132572	50	0	0		Bottom	18.00	17.94	1.170	1.100	1.115	1
	212 34114 00	QPSK20M	132572	50	0	0	1	Bottom	18.00	17.94	1.070	1.000	1.014	2
		QPSK20M	132572	50	0	0	SPEED	Bottom	18.00	17.94	0.944	0.887	0.899	3
		QPSK20M	132322	100	0	0		Bottom	18.00	17.85	1.090	0.994	1.029	1
		QPSK20M	132572	1	99	14	ICT	Bottom	24.00	23.85	0.548	0.509	0.527	
off		QPSK20M	132572	50	0	14	1	Bottom	23.50	23.06	0.548	0.509	0.563	
		QPSK20M	133222	1	0	0		Bottom	23.00	22.92	0.673	0.682	0.695	
		QPSK20M	133297	1	0	0	1	Bottom	23.00	22.87	0.696	0.708	0.730	
on	ITE Rand 71	QPSK20M	133372	1	0	0	ICT	Bottom	23.00	22.89	0.706	0.720	0.738	
	LTE Band 71	QPSK20M	133297	50	0	0		Bottom	22.00	21.96	0.586	0.601	0.607	
off		QPSK20M	133297	1	0	14]	Bottom	24.00	23.96	0.161	0.183	0.185	
011		QPSK20M	133297	50	0	14		Bottom	23.50	23.10	0.120	0.141	0.155	1

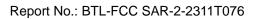
Note

- 1. Highest reported SAR is > 0.8 W/kg. Added second highest power channel for this test position
- 2. Repeated measurements are required only when the measured SAR is ≥0.80 W/kg. If the measured SAR values are < 1.45 W/kg with ≤20% variation, only one repeated measurement is required to reaffirm that the results are not expected to have substantial variations, which may introduce significant compliance concerns. Original SAR =1.100 W/kg, therefore second times repeat SAR is required.

Repeat SAR =1.000 W/kg < 1.45 W/kg

SAR variation= -9.09% < 20%

3. The result used an other antenna to spot check for worst channel of the original antenna that the SAR result can be meet and compliant.





NR FR1

P-sensor	Band	Mode	Bw	scs	Ant	channel	RB	Offset	distance (mm)	Test Position	Max Tune-up (dBm)	AVG Power (dBm)	Area Scan	SAR 1g	Reported SAR 1g	Note
		QPSK	20	15		37600	1	1	0	Bottom	17.00	16.82	0.804	0.859	0.895	
		QPSK	20	15		37200	1	1	0	Bottom	17.00	16.78	0.735	0.812	0.854	1
on		QPSK	20	15		38000	1	1	0	Bottom	17.00	16.77	0.711	0.791	0.834	1
	NR Band n2	QPSK	20	15	Main	37600	50	0	0	Bottom	16.50	16.48	0.584	0.634	0.637	1
		QPSK	20	15		37600	100	0	0	Bottom	16.50	16.46	0.568	0.622	0.628	1
off		QPSK	20	15		37600	1 50	1	14	Bottom	23.00	22.99	0.467	0.519	0.520	
		QPSK QPSK	20	15 15		37600 167300	50 1	0	14 0	Bottom Bottom	23.00 22.00	22.78 21.89	0.363 0.790	0.400 0.784	0.421 0.804	
		QPSK	20	15		166800	1	0	0	Bottom	22.00	21.88	0.752	0.784	0.759	1
on		QPSK	20	15		167800	1	0	0	Bottom	22.00	21.86	0.767	0.767	0.792	1
	NR Band n5	QPSK	20	15	Main	167300	50	0	0	Bottom	21.50	21.47	0.728	0.728	0.733	1
		QPSK	20	15		167300	100	0	0	Bottom	21.50	21.47	0.756	0.752	0.757	1
off		QPSK	20	15		166800	1	0	14	Bottom	23.00	22.85	0.162	0.183	0.189	
011		QPSK	20	15		166800	50	0	14	Bottom	23.00	22.72	0.157	0.172	0.183	
		QPSK	40	15		507000	1	0	0	Bottom	19.00	18.88	0.839	0.826	0.849	
		QPSK	40	15		504000	1	0	0	Bottom	19.00	18.78	0.884	0.856	0.900	1
		QPSK	40	15		510000	1	0	0	Bottom	19.00	18.85	0.774	0.792	0.820	1
on	NDD. 1 =	QPSK	40	15		507000	108	0	0	Bottom	18.50	18.48	0.797	0.817	0.821	1
	NR Band n7	QPSK	40	15	Main	504000	108	0	0	Bottom	18.50	18.45	0.900	0.845	0.855	1
		QPSK	40	15		510000	108	0	0	Bottom	18.50	18.41	0.931	0.782	0.798	1
		QPSK QPSK	40 40	15 15		507000 510000	216 1	0 214	0 14	Bottom Bottom	18.50 23.50	18.46 23.34	0.882 0.294	0.767 0.460	0.774 0.477	1
off		QPSK	40	15		510000	108	0	14	Bottom	23.50	23.34	0.294	0.460	0.477	
		QPSK	15	15		141500	108	1	0	Bottom	22.00	21.89	0.308	0.490	0.339	
		QPSK	15	15		141300	1	1	0	Bottom	22.00	21.79	0.664	0.711	0.735	
on		QPSK	15	15		141700	1	1	0	Bottom	22.00	21.78	0.676	0.711	0.748	
	NR Band n12	QPSK	15	15	Main	141500	36	0	0	Bottom	21.50	21.46	0.664	0.694	0.700	
		QPSK	15	15		141700	1	1	14	Bottom	23.00	22.85	0.213	0.250	0.259	
off		QPSK	15	15		141700	36	0	14	Bottom	23.00	22.62	0.155	0.189	0.206	
		QPSK	10	15		156400	1	1	0	Bottom	22.50	22.46	0.802	0.775	0.782	
on	ND Dand n13	QPSK	10	15	Main	156400	25	0	0	Bottom	22.00	21.90	0.789	0.748	0.765	
off	NR Band n13	QPSK	10	15	Main	156400	1	1	14	Bottom	23.50	23.26	0.347	0.355	0.375	
OII		QPSK	10	15		156400	25	0	14	Bottom	23.00	22.71	0.263	0.275	0.294	
		BPSK	10	15		158600	1	1	0	Bottom	23.00	22.93	1.180	1.110	1.128	
on		BPSK	10	15		158600	25	0	0	Bottom	22.50	22.45	0.889	0.865	0.875	1
	NR Band n14	BPSK	10	15	Main	158600	50	0	0	Bottom	22.50	22.39	0.810	0.852	0.874	1
off		BPSK	10	15		158600	1	1	14	Bottom	24.00	23.50	0.282	0.350	0.393	
		BPSK	10	15 15		158600	25 1	0	14 0	Bottom	24.00	23.16	0.181	0.245	0.297	
		QPSK QPSK	40 40	15		376500 374000	1	1	0	Bottom Bottom	17.00 17.00	16.89 16.83	0.711 0.705	0.823 0.811	0.844 0.843	1
on		QPSK	40	15		379000	1	1	0	Bottom	17.00	16.79	0.703	0.794	0.833	1
OII	NR Band n25	QPSK	40	15	Main	376500	108	0	0	Bottom	16.50	16.46	0.560	0.652	0.658	1
		QPSK	40	15		376500	216	0	0	Bottom	16.50	16.39	0.673	0.785	0.805	1
- 66	1	QPSK	40	15		379000	1	1	14	Bottom	24.00	23.87	0.434	0.510	0.525	
off		QPSK	40	15		379000	108	0	14	Bottom	23.00	22.98	0.353	0.413	0.415	
		QPSK	20	15		167300	1	1	0	Bottom	23.00	22.86	0.823	0.807	0.833	
		QPSK	20	15		166800	1	1	0	Bottom	23.00	22.78	1.000	0.828	0.871	1
		QPSK	20	15		167800	1	1	0	Bottom	23.00	22.83	0.855	0.774	0.805	1
on		QPSK	20	15		167300	50	0	0	Bottom	22.50	22.48	0.716	0.770	0.774	1
	NR Band n26	QPSK	20	15	Main	166800	50	0	0	Bottom	22.50	22.43	0.958	0.857	0.871	1
		QPSK	20	15		167800	50	0	0	Bottom	22.50	22.41	0.954	0.862	0.880	1
	off	QPSK	20	15		167300	100	0	0	Bottom	22.50	22.44	0.719	0.765	0.776	1
off		QPSK	20	15		166800	1	104	14	Bottom	24.00	23.71	0.262	0.282	0.301	
		QPSK	20	15		166800	50 1	0	14	Bottom	23.00	22.96	0.236	0.244	0.246	
		QPSK QPSK	10 10	15 15		462000 462000	25	0	0	Bottom Bottom	19.00 18.50	18.53 18.47	1.160 0.925	1.040 0.837	1.159 0.843	1
on		QPSK	10	15		462000	50	0	0	Bottom	18.50	18.47	0.925	0.837	0.848	1
OII	NR Band n30	QPSK	10	15	Main	462000	1	0	0	Bottom	19.00	18.53	0.922	0.980	1.092	2
	54114 1150	QPSK	10	15		462000	1	0	0	Bottom	19.00	18.53	0.942	0.980	1.032	3(Speed)
		QPSK	10	15		462000	1	0	14	Bottom	22.00	21.58	0.298	0.302	0.333	J(Specu)
off	l	QPSK	10	15		462000	25	0	14	Bottom	21.00	20.96	0.240	0.238	0.240	





P-sensor	Band	Mode	Bw	SCS	Ant	channel	RB	Offset	distance (mm)	Test Position	Max Tune-up (dBm)	AVG Power (dBm)	Area Scan	SAR 1g	Reported SAR 1g	Note
		BPSK	20	30		519000	1	1	0	Bottom	23.50	22.86	0.476	0.497	0.576	
on		BPSK	20	30		516000	1	1	0	Bottom	23.50	22.78	0.469	0.440	0.519	
		BPSK	20	30		522000	1	1	0	Bottom	23.50	22.78	0.489	0.461	0.544	
	NR Band n38	BPSK	20	30 30	Main	519000	50 1	0	0	Bottom	22.50	22.42	0.483	0.454	0.462	
		BPSK BPSK	20	30	-	516000 516000	50	49 0	14 14	Bottom Bottom	24.50 23.50	23.59 23.24	0.063 0.064	0.060	0.074	
off		BPSK	20	30		516000	1	49	14	Bottom	25.00	24.01	0.089	0.085	0.106	
		BPSK	20	30		516000	50	0	14	Bottom	24.00	23.72	0.073	0.067	0.100	
		BPSK	20	30		519000	1	1	0	Bottom	23.50	22.93	0.352	0.292	0.333	
		BPSK	20	30		516000	1	1	0	Bottom	23.50	22.76	0.482	0.429	0.509	
on		BPSK	20	30	İ	522000	1	1	0	Bottom	23.50	22.88	0.356	0.296	0.341	
	ND D. J. 20	BPSK	20	30		519000	50	0	0	Bottom	22.50	22.49	0.238	0.199	0.199	
	NR Band n38	BPSK	20	30	MIMO 2	516000	1	49	14	Bottom	24.50	23.59	0.021	0.021	0.026	
off		BPSK	20	30		516000	50	0	14	Bottom	23.50	23.28	0.024	0.021	0.022	
011		BPSK	20	30		516000	1	49	14	Bottom	25.00	24.01	0.030	0.026	0.032	
		BPSK	20	30		516000	50	0	14	Bottom	24.00	23.66	0.025	0.030	0.032	
		QPSK	100	30		518598	1	0	0	Bottom	25.50	25.44	0.831	0.783	0.794	
on		QPSK	100	30		509202	1	0	0	Bottom	25.50	25.38	0.761	0.709	0.729	
٥		QPSK	100	30		528000	1	0	0	Bottom	25.50	25.39	0.818	0.769	0.789	
	NR Band n41	QPSK	100	30	Main	518598	135	0	0	Bottom	25.00	24.98	0.426	0.397	0.399	<u> </u>
		QPSK	100	30	1	509202	1	271	14	Bottom	26.50	26.07	0.035	0.038	0.041	<u> </u>
off		QPSK	100	30		509202	135	0	14	Bottom	24.00	23.09	0.038	0.038	0.046	
		QPSK	100	30	1	509202	1 125	271	14	Bottom	27.00	26.50	0.057	0.056	0.063	₩
		QPSK	100	30		509202	135	0	14	Bottom	24.50	23.38	0.058	0.056	0.072	
		QPSK	100	30		518598	1	1	0	Bottom	25.00	24.83	0.236	0.197	0.205	
on		QPSK	100	30		509202	1	1	0	Bottom	25.00	24.78	0.469	0.416	0.438	
		QPSK QPSK	100	30 30		528000 518598	135	0	0	Bottom Bottom	25.00 24.50	24.79 24.47	0.363 0.236	0.302 0.197	0.317 0.198	
	NR Band n41	QPSK	100	30	MIMO 2	509202	133	271	14	Bottom	26.00	25.70	0.236	0.197	0.198	-
		QPSK	100	30		509202	135	0	14	Bottom	24.50	22.61	0.020	0.020	0.022	
off		QPSK	100	30	ł	509202	1	271	14	Bottom	26.50	26.09	0.029	0.025	0.031	
		QPSK	100	30		509202	135	0	14	Bottom	24.50	22.89	0.024	0.023	0.032	
		QPSK	40	30		641666	1	1	0	Bottom	20.50	20.45	0.576	0.696	0.704	
		QPSK	40	30	İ	638000	1	1	0	Bottom	20.50	20.41	0.578	0.728	0.743	
on		QPSK	40	30	1	645332	1	1	0	Bottom	20.50	20.42	0.579	0.716	0.729	
	NR Band n48	QPSK	40	30	Main	641666	108	0	0	Bottom	20.00	19.89	0.563	0.691	0.709	
		BPSK	40	30		641666	1	104	14	Bottom	21.50	21.32	0.391	0.425	0.443	
off		BPSK	40	30		641666	108	0	14	Bottom	21.00	20.89	0.343	0.438	0.449	
		QPSK	40	30		641666	1	1	0	Bottom	20.50	20.39	0.110	0.118	0.121	
on		QPSK	40	30		638000	1	1	0	Bottom	20.50	20.34	0.106	0.117	0.121	
OII	NR Band n48	QPSK	40	30	MIMO 2	645332	1	1	0	Bottom	20.50	20.36	0.104	0.121	0.125	
	NIK Bana 1140	QPSK	40	30	IVIIIVIO 2	641666	108	0	0	Bottom	20.00	19.78	0.092	0.097	0.102	
off		BPSK	40	30		641666	1	104	14	Bottom	21.50	21.15	0.020	0.031	0.033	
0		BPSK	40	30		641666	108	0	14	Bottom	21.00	20.78	0.020	0.030	0.031	
		QPSK	40	30	-	349000	1	1	0	Bottom	19.00	18.96	0.834	0.906	0.914	<u> </u>
		QPSK	40	30	-	346000	1	1	0	Bottom	19.00	18.85	0.792	0.851	0.881	1
0.5		QPSK	40	30	-	352000	1	1	0	Bottom	19.00	18.88	0.873	0.962	0.989	1
on	ND Dand nec	QPSK QPSK	40	30 30	Main	349000	108	0	0	Bottom	18.50	18.49 18.41	0.853	0.928	0.930 0.894	1
	NR Band n66	_			Main	346000	108	0		Bottom	18.50		0.792	0.876		
		QPSK QPSK	40	30 30	1	352000 349000	108 216	0	0	Bottom Bottom	18.50 18.50	18.39 18.48	0.898 0.869	0.996 0.968	1.022 0.972	1
		QPSK	40	30	1	352000	1	214	14	Bottom	24.00	23.82	0.869	0.968	0.972	⊢∸
off		QPSK	40	30	1	352000	108	0	14	Bottom	23.50	23.82	0.345	0.403	0.420	\vdash
		QPSK	15	15		340500	108	1	0	Bottom	22.00	21.75	1.130	1.070	1.133	<u> </u>
on		QPSK	15	15	†	340500	36	0	0	Bottom	21.50	21.79	1.050	1.030	1.056	1
2	NR Band n70	QPSK	15	15	MIMO 2	340500	75	0	0	Bottom	21.50	21.36	1.120	1.060	1.095	1
	1	BPSK	15	15	1	340500	1	77	14	Bottom	23.00	22.53	0.262	0.268	0.299	
off		BPSK	15	15	1	340500	36	0	14	Bottom	22.50	22.47	0.213	0.215	0.216	
		QPSK	20	15		136100	1	1	0	Bottom	23.00	22.89	0.782	0.834	0.855	
		QPSK	20	15	1	134600	1	1	0	Bottom	23.00	22.82	0.774	0.828	0.863	1
on		QPSK	20	15	1	137600	1	1	0	Bottom	23.00	22.83	0.785	0.837	0.870	1
	NR Band n71	QPSK	20	15	Main	136100	50	0	0	Bottom	22.50	22.48	0.615	0.713	0.716	1
		QPSK	20	15	1	136100	100	0	0	Bottom	22.50	22.44	0.581	0.666	0.675	1
ott		QPSK	20	15	1	137600	1	1	14	Bottom	24.00	23.91	0.147	0.165	0.168	
off	I	QPSK	20	15		137600	50	0	14	Bottom	23.50	23.38	0.150	0.168	0.173	



P-sensor	Band	Mode	Bw	scs	Ant	channel	RB	Offset	distance (mm)	Test Position	Max Tune-up (dBm)	AVG Power (dBm)	Area Scan	SAR 1g	Reported SAR 1g	Note
		QPSK	100	30	Main	650000	1	1	0	Bottom	24.00	23.89	0.602	0.739	0.758	
on		QPSK	100	30	Main	633334	1	1	0	Bottom	24.00	23.78	0.544	0.649	0.683	
OII		QPSK	100	30	Main	662000	1	1	0	Bottom	24.00	23.88	0.598	0.777	0.799	
	NR Band n77	QPSK	100	30	Main	650000	135	0	0	Bottom	23.50	23.48	0.589	0.734	0.737	
	NIN Danu 1177	QPSK	100	30	Main	633334	1	1	14	Bottom	25.50	25.22	0.209	0.266	0.284	
off		QPSK	100	30	Main	633334	135	0	14	Bottom	25.00	24.48	0.212	0.265	0.299	
OII		QPSK	100	30	Main	633334	1	1	14	Bottom	26.00	25.72	0.378	0.405	0.432	
		QPSK	100	30	Main	633334	135	0	14	Bottom	25.00	24.88	0.332	0.417	0.429	
		QPSK	100	30	MIMO 2	650000	1	1	0	Bottom	23.50	23.48	0.334	0.326	0.328	
on		QPSK	100	30	MIMO 2	633334	1	1	0	Bottom	23.50	23.36	0.635	0.641	0.662	
OII		QPSK	100	30	MIMO 2	662000	1	1	0	Bottom	23.50	23.44	0.504	0.506	0.513	
	NR Band n77	QPSK	100	30	MIMO 2	650000	1	1	0	Bottom	23.00	22.89	0.494	0.479	0.491	
	INN Dallu II//	QPSK	100	30	MIMO 2	633334	1	1	14	Bottom	25.00	24.79	0.035	0.031	0.033	
off		QPSK	100	30	MIMO 2	633334	135	0	14	Bottom	24.50	24.47	0.031	0.030	0.031	
OII		QPSK	100	30	MIMO 2	633334	1	1	14	Bottom	25.50	25.34	0.040	0.038	0.040	
		QPSK	100	30	MIMO 2	633334	135	0	14	Bottom	25.00	24.89	0.032	0.034	0.035	

Note:

- 1. Highest reported SAR is > 0.8 W/kg. Added second highest power channel for this test position
- 2. Repeated measurements are required only when the measured SAR is ≥0.80 W/kg. If the measured SAR values are < 1.45 W/kg with ≤20% variation, only one repeated measurement is required to reaffirm that the results are not expected to have substantial variations, which may introduce significant compliance concerns. Original SAR =1.040 W/kg, therefore second times repeat SAR is required.

Repeat SAR =0.980 W/kg < 1.45 W/kg

SAR variation= -5.77% < 20%

3. The result used an other antenna to spot check for worst channel of the original antenna that the SAR result can be meet and compliant.

Project No.: 2311T076 Page 146 of 151 Report Version: R04



11. SIMULTANEOUS TRANSMISSION CONDITIONS

11.1. Stand-alone SAR test exclusion

SAR compliance for simultaneous transmission must be considered when the maximum duration of overlapping transmissions, including network hand-offs, is greater than 30 seconds. This device contains multiple transmitters that may operate simultaneously, and therefore requires a simultaneous transmission analysis.

The Simultaneous Transmission Possibilities of this device are as below:

No.	Configuration	Body
1	WWAN + WiFi2.4G	Yes
2	WWAN + BT	Yes
3	WWAN + WiFi5G	Yes
4	WWAN + WiFi6G	Yes
5	WiFi2.4G(Main) +BT	Yes
6	WiFi5G(Main) + BT	Yes
7	WiFi6G(Main) + BT	Yes
8	WiFi2.4G(Main) + WiFi2.4G(Aux)	Yes
9	WiFi5G(Main) + WiFi5G(Aux)	Yes
10	WiFi6G(Main) + WiFi 6G(Aux)	Yes

The provisions in § 1.1307(b)(3)(ii)(B) address the case of multiple source exemptions (in general for both SAR and MPE Environmental Assessment requirements) that may be considered in fixed, mobile, or portable device exposure conditions.

In a similar fashion, a device with multiple RF sources can be exempted from the requirements of RF exposure testing for the purpose of equipment authorization if the following condition is met:

$$TER = \sum\nolimits_{i=0}^{N_{exe}} \frac{p_i}{p_{th,i}} + \sum\nolimits_{i=0}^{N_{S}} \frac{SAR_i}{SAR_{llm,i}} + \sum\nolimits_{j=0}^{N_{f}} \left(\frac{MPE_j}{MPE_{llm,j}}\right)^2 + \sum\nolimits_{k=0}^{N_{PD}} \frac{MPE_{ik}}{MPE_{llm,k}} \le 1 \quad (2.1),$$

Project No.: 2311T076 Page 147 of 151 Report Version: R04





MPE-Based Exemption

An alternative to the SAR-based exemption is provided in § 1.1307(b)(3)(i)(C), for a much wider frequency range, from 300 kHz to 100 GHz, applicable for separation distances greater or equal to $\lambda/2\pi$, where λ is the free-space operating wavelength in meters. The MPE-based test exemption condition is in terms of ERP, defined as the product of the maximum antenna gain and the delivered maximum time-averaged power.10 For this case, a RF source is an RF exempt device if its ERP (watts) is no more than a frequency-dependent value, as detailed tabular form in Appendix B. These limits have been derived based on the basic specifications on Maximum Permissible Exposure (MPE) considered for the FCC rules in § 1.1310(e)(1).

§ 1.1307(b)(3)(i)(C):

Or using Table 1 and the minimum separation distance (R in meters) from the body of a nearby person for the frequency (f in MHz) at which the source operates, the ERP (watts) is no more than the calculated value prescribed for that frequency. For the exemption in Table 1 to apply, R must be at least $\lambda/2\pi$, where λ is the free-space operating wavelength in meters. If the ERP of a single RF source is not easily obtained, then the available maximum time-averaged power may be used in lieu of ERP if the physical dimensions of the radiating structure(s) do not exceed the electrical length of $\lambda/4$ or if the antenna gain is less than that of a half-wave dipole (1.64 linear value).

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	1920 R ² .
1.34-30	$3450 R^2/f^2$.
30-300	3.83 R ² .
300-1500	0.0128 R ² f.
1500-100000	19.2R ² .



MPE RESULTS

AX211D2W

Mode	Maximum Output Power	Directional Gain	ERP	ERP	Distance	Threshold ERP Limit	Ratio	Result
	(dBm)	(dBi)	(dBm)	(mW)	(cm)	(mW)		
BT	10.50	1.26	9.61	9.14	24.50	1152.48	0.0079	Pass
WLAN 2.4 GHz	21.00	1.26	20.11	102.57	24.50	1152.48	0.0890	Pass
WLAN 5 GHz	21.00	3.05	21.90	154.88	24.50	1152.48	0.1344	Pass
WLAN 6 GHz	13.50	2.11	13.46	22.18	24.50	1152.48	0.0192	Pass

BE200D2W

Mode	Maximum Output Power	Directional Gain	ERP	ERP	Distance	Threshold ERP Limit	Ratio	Result
	(dBm)	(dBi)	(dBm)	(mW)	(cm)	(mW)		
BT	15.50	1.26	14.61	28.91	24.50	1152.48	0.0251	Pass
WLAN 2.4 GHz	23.00	1.26	22.11	162.55	24.50	1152.48	0.1410	Pass
WLAN 5 GHz	24.00	3.05	24.90	309.03	24.50	1152.48	0.2681	Pass
WLAN 6 GHz	22.75	2.11	22.71	186.64	24.50	1152.48	0.1619	Pass

SIMULTANEOUS TX ANTENNA COMBINATION RESULT

Position	Simultaneous Tx A	ntenna Combination	TERsar-mpe	Limit (≤1)	
POSITION	WWAN Max	WLAN Max	I LIXSAR-MPE		
Bottom	0.72	0.27	0.99	1	

Project No.: 2311T076 Page 149 of 151 Report Version: R04



11. Test Layout

Specific Absorption Rate Test Layout

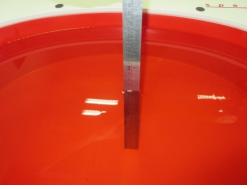


Liquid depth in the flat Phantom (≥15cm depth) HSL(750MHz)

HSL(900MHz)











Appendix A. SAR Plots of System Verification (PIs See BTL-FCC SAR-2-2311T076_Appendix A.) Appendix B. SAR Plots of SAR Measurement (PIs See BTL-FCC SAR-2-2311T076_Appendix B.) Appendix C. Calibration Certificate (PIs See BTL-FCC SAR-2-2311T076_Appendix C.) Appendix D. Photographs of the Test Set-Up (PIs See BTL-FCC SAR-2-2311T076_Appendix D.) **End of Test Report**

Project No.: 2311T076 Page 151 of 151 Report Version: R04