

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



Applicant: Manufacturer:	FIH CO., LTD. No.4, Minsheng St., Tu-Cheng Dist., New Taipei City 23679, Taiwan FIH CO., LTD. No.4, Minsheng St., Tu-Cheng Dist., New Taipei City 23679, Taiwan
Product Name:	Internet Gateway
Brand Name:	FIH
Model No.:	FSNO21VA
Model Difference:	N/A
Report Number:	ER/2022/30084
FCC ID	RYQFSNO21VA
Issue Date:	May 30, 2022
Date of Test:	April 6, 2022 ~ May 12, 2022
Date of EUT Received:	March 30, 2022

Men Cary Approved By

Blue Yano

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI ANSI C63.26-2015 and the energy emitted by the sample EUT comply with FCC rule part 2, 22H & 24E & 27 C.

The results of this report relate only to the sample identified in this report.

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Revision History								
Report Number	Revision	Description	Issue Date	Revised By	Remark			
ER/2022/30084	00	Original	May 30, 2022	Yuri Tsai				

Note:

1 . The remark "*" indicates modification of the report upon requests from certification body.

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GENERAL PRODUCT INFORMATION 1

1.1 **Product Description**

Product Name:	Internet Gateway
Brand Name:	FIH
Model No.:	FSNO21VA
Model Difference:	N/A
Hardware Version:	1.0
Firmware Version:	V0.15A_1KUS
EUT Series No.:	356405430000400, 356405430005042
Power Supply:	12Vdc from AC/DC Adapter
Test tool name/version:	Default

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Operation Frequency Range 1.2

NR Band 2								
BW (MHz)	Operation Frequency (MHz)							
5	1852.5	-	1907.5					
10	1855.0	-	1905.0					
15	1857.5	-	1902.5					
20	1860.0	-	1900.0					

NR Band 5								
BW (MHz) Operation Frequency (MHz)								
5	826.5	-	846.5					
10	829.0	-	844.0					
15	831.5	-	841.5					
20	834.0	-	839.0					

NR Band 66								
BW (MHz)	Operation	Frequ	ency (MHz)					
5	1712.5	-	1777.5					
10	1715.0	-	1775.0					
15	1717.5	-	1772.5					
20	1720.0	-	1770.0					
30	1725.0	-	1765.0					
40	1730.0	-	1760.0					

NR Band 77 (lower)								
BW (MHz)	Operation I	Freque	ency (MHz)					
20	3460.0	3460.0 - 3540.0						
30	3465.0	-	3535.0					
40	3470.0	-	3530.0					
60	3480.0	-	3520.0					
80	3490.0	-	3510.0					
100	3500.0	-	3500.0					

NR Band 77 (upper)									
BW (MHz)	Operation	Operation Frequency (MHz)							
20	3710.0	-	3970.0						
30	3715.0	-	3965.0						
40	3720.0	-	3960.0						
60	3730.0	-	3950.0						
80	3740.0	-	3940.0						
100	3750.0	-	3930.0						

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1.3 **Antenna Designation**

Antenna Type	Antenna No.				
PIFA	AntO				
Monopole	Ant4				
Dipole	Ant5				
Note: Transmission frequencies in this test report are only available by the above antenna(s).					

5G NR Bands	Frequency (MHz)		Peak Antenna Gain (dBi)				
oo nir bunus			Ant0	Ant4	Ant5		
2	1850 ~ 1910		-0.72698				
5	824 ~ 849		-2.41266				
66	1710 -	- 1780	-1.39889				
77 (lower)	3450 -	- 3550		-1.05494	-1.79714		
77 (upper)	3700 -	- 3980		-0.67148	-1.868		

Note: Antenna information is provided by the applicant.

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1.4 Type of Emission & Max ERP/EIRP Power Measurement Result:

5G NR Band	G NR Band n2_Uplink frequency band : 1850 to 1910 MHz									
Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission	
			DFT-s PI/2 BPSK	23.25	22.52302	0.179	4.477	4477.1	4M48G7W	
			DFT-s QPSK	23.17	22.44302	0.176	4.4703	4470.3	4M47G7W	
5	1852.5	1907.5	DFT-s QAM	21.66	20.93302	0.124	4.4909	4490.9	4M49D7W	
			CP QPSK	21.13	20.40302	0.110	4.4703	4470.3	4M47G7W	
			CPQAM	20.55	19.82302	0.096	4.4703	4470.3	4M47D7W	
			DFT-s PI/2 BPSK	23.3	22.57302	0.181	8.9074	8907.4	8M91G7W	
		1905	DFT-s QPSK	23.04	22.31302	0.170	8.9309	8930.9	8M93G7W	
10	1855		DFT-s QAM	21.5	20.77302	0.119	8.9352	8935.2	8M94D7W	
			CP QPSK	21.26	20.53302	0.113	8.9309	8930.9	8M93G7W	
			CPQAM	20.42	19.69302	0.093	8.9352	8935.2	8M94D7W	
		1902.5	DFT-s PI/2 BPSK	23.55	22.82302	0.192	13.416	13416.0	13M4G7W	
			DFT-s QPSK	23.24	22.51302	0.178	13.422	13422.0	13M4G7W	
15	1857.5		DFT-s QAM	22.08	21.35302	0.137	13.444	13444.0	13M4D7W	
			CP QPSK	21.64	20.91302	0.123	13.422	13422.0	13M4G7W	
			CPQAM	21.15	20.42302	0.110	13.422	13422.0	13M4D7W	
			DFT-s PI/2 BPSK	23.35	22.62302	0.183	17.895	17895.0	17M9G7W	
20		1900	DFT-s QPSK	23.24	22.51302	0.178	17.929	17929.0	17M9G7W	
	1860		DFT-s QAM	22.12	21.39302	0.138	17.909	17909.0	17M9D7W	
			CP QPSK	21.77	21.04302	0.127	17.929	17929.0	17M9G7W	
			CP QAM	21.19	20.46302	0.111	17.909	17909.0	17M9D7W	

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5G NR Band	5G NR Band n5_Uplink frequency band : 824 to 849 MHz								
Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
			DFT-s PI/2 BPSK	23.18	18.61734	0.073	4.4887	4488.7	4M49G7W
			DFT-s QPSK	23.39	18.82734	0.076	4.4748	4474.8	4M47G7W
5	826.5	846.5	DFT-s QAM	21.8	17.23734	0.053	4.4888	4488.8	4M49D7W
			CP QPSK	21.22	16.65734	0.046	4.4748	4474.8	4M47G7W
			CPQAM	21.02	16.45734	0.044	4.4748	4474.8	4M47D7W
			DFT-s PI/2 BPSK	23.11	18.54734	0.072	8.8849	8884.9	8M88G7W
			DFT-s QPSK	22.97	18.40734	0.069	8.9381	8938.1	8M94G7W
10	829	844	DFT-s QAM	21.65	17.08734	0.051	8.9186	8918.6	8M92D7W
			CP QPSK	21.44	16.87734	0.049	8.9381	8938.1	8M94G7W
			CPQAM	20.54	15.97734	0.040	8.9186	8918.6	8M92D7W
			DFT-s PI/2 BPSK	23.46	18.89734	0.078	13.39	13390.0	13M4G7W
			DFT-s QPSK	23.4	18.83734	0.077	13.401	13401.0	13M4G7W
15	831.5	841.5	DFT-s QAM	22.14	17.57734	0.057	13.393	13393.0	13M4D7W
			CP QPSK	21.81	17.24734	0.053	13.401	13401.0	13M4G7W
			CPQAM	20.55	15.98734	0.040	13.401	13401.0	13M4D7W
			DFT-s PI/2 BPSK	23.27	18.70734	0.074	17.855	17855.0	17M9G7W
			DFT-s QPSK	23.36	18.79734	0.076	17.883	17883.0	17M9G7W
20	834	839	DFT-s QAM	22.22	17.65734	0.058	17.869	17869.0	17M9D7W
			CP QPSK	22.03	17.46734	0.056	17.883	17883.0	17M9G7W
			CPQAM	20.91	16.34734	0.043	17.869	17869.0	17M9D7W

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5G NR Band	n66_Uplink f	requency ban	d : 1710 to 1780 M	Hz					
Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
			DFT-s PI/2 BPSK	22.22	20.82111	0.121	4.4695	4469.5	4M47G7W
			DFT-s QPSK	22.35	20.95111	0.124	4.4883	4488.3	4M49G7W
5	1712.5	1777.5	DFT-s QAM	20.19	18.79111	0.076	4.4992	4499.2	4M50D7W
			CP QPSK	20.4	19.00111	0.079	4.4883	4488.3	4M49G7W
			CPQAM	19.47	18.07111	0.064	4.4883	4488.3	4M49D7W
			DFT-s PI/2 BPSK	22.23	20.83111	0.121	8.9147	8914.7	8M91G7W
			DFT-s QPSK	22.05	20.65111	0.116	8.9439	8943.9	8M94G7W
10	1715	1775	DFT-s QAM	20.66	19.26111	0.084	8.9319	8931.9	8M93D7W
			CP QPSK	21.18	19.78111	0.095	8.9439	8943.9	8M94G7W
			CPQAM	20.21	18.81111	0.076	8.9319	8931.9	8M93D7W
			DFT-s PI/2 BPSK	22.64	21.24111	0.133	13.404	13404.0	13M4G7W
			DFT-s QPSK	22.36	20.96111	0.125	13.437	13437.0	13M4G7W
15	1717.5	1772.5	DFT-s QAM	21.17	19.77111	0.095	13.425	13425.0	13M4D7W
			CP QPSK	21.7	20.30111	0.107	13.437	13437.0	13M4G7W
			CPQAM	20.65	19.25111	0.084	13.437	13437.0	13M4D7W
			DFT-s PI/2 BPSK	22.38	20.98111	0.125	17.894	17894.0	17M9G7W
			DFT-s QPSK	22.27	20.87111	0.122	17.917	17917.0	17M9G7W
20	1720	1770	DFT-s QAM	21.16	19.76111	0.095	17.897	17897.0	17M9D7W
			CP QPSK	22.11	20.71111	0.118	17.917	17917.0	17M9G7W
			CPQAM	21.43	20.03111	0.101	17.897	17897.0	17M9D7W
			DFT-s PI/2 BPSK	22.49	21.09111	0.129	28.616	28616.0	28M6G7W
			DFT-s QPSK	22.4	21.00111	0.126	28.571	28571.0	28M6G7W
30	1725	1765	DFT-s QAM	21.37	19.97111	0.099	28.598	28598.0	28M6D7W
			CP QPSK	22.29	20.89111	0.123	28.571	28571.0	28M6G7W
			CPQAM	21.5	20.10111	0.102	28.598	28598.0	28M6D7W
			DFT-s PI/2 BPSK	22.78	21.38111	0.137	38.559	38559.0	38M6G7W
			DFT-s QPSK	22.65	21.25111	0.133	38.606	38606.0	38M6G7W
40	1730	1760	DFT-s QAM	21.59	20.19111	0.104	38.561	38561.0	38M6D7W
			CP QPSK	22.51	21.11111	0.129	38.606	38606.0	38M6G7W
			CPQAM	21.4	20.00111	0.100	38.561	38561.0	38M6D7W

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5G NR Band	5G NR Band n77_Part27_Uplink frequency band : 3450 to 3550 MHz								
Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
			DFT-s PI/2 BPSK	26.62	26.62	0.459	17.871	17871.0	17M9G7W
			DFT-s QPSK	26.45	26.45	0.442	17.846	17846.0	17M8G7W
20	3460.02	3540	DFT-s QAM	26.32	26.32	0.429	17.844	17844.0	17M8D7W
			CP QPSK	26.42	26.42	0.439	17.846	17846.0	17M8G7W
			CP QAM	26.25	26.25	0.422	17.844	17844.0	17M8D7W
			DFT-s PI/2 BPSK	26.84	26.84	0.483	26.775	26775.0	26M8G7W
			DFT-s QPSK	26.67	26.67	0.465	26.834	26834.0	26M8G7W
30	3465	3534.99	DFT-s QAM	26.54	26.54	0.451	26.822	26822.0	26M8D7W
			CP QPSK	26.56	26.56	0.453	26.834	26834.0	26M8G7W
			CP QAM	26.41	26.41	0.438	26.822	26822.0	26M8D7W
			DFT-s PI/2 BPSK	27.01	27.01	0.502	35.779	35779.0	35M8G7W
			DFT-s QPSK	26.96	26.96	0.497	35.818	35818.0	35M8G7W
40	3470.01	3529.98	DFT-s QAM	26.52	26.52	0.449	35.777	35777.0	35M8D7W
			CP QPSK	26.63	26.63	0.460	35.818	35818.0	35M8G7W
			CP QAM	26.4	26.4	0.437	35.777	35777.0	35M8D7W
			DFT-s PI/2 BPSK	26.49	26.49	0.446	57.756	57756.0	57M8G7W
			DFT-s QPSK	26.43	26.43	0.440	57.814	57814.0	57M8G7W
60	3480	3519.99	DFT-s QAM	26.23	26.23	0.420	57.953	57953.0	58M0D7W
			CP QPSK	26.27	26.27	0.424	57.814	57814.0	57M8G7W
			CP QAM	26.28	26.28	0.425	57.953	57953.0	58M0D7W
			DFT-s PI/2 BPSK	26.41	26.41	0.438	77.093	77093.0	77M1G7W
			DFT-s QPSK	26.36	26.36	0.433	77.182	77182.0	77M2G7W
80	3490.02	3510	DFT-s QAM	26.12	26.12	0.409	77.151	77151.0	77M2D7W
			CP QPSK	26.11	26.11	0.408	77.182	77182.0	77M2G7W
			CP QAM	26.03	26.03	0.401	77.151	77151.0	77M2D7W
			DFT-s PI/2 BPSK	26.22	26.22	0.419	96.313	96313.0	96M3G7W
			DFT-s QPSK	26.07	26.07	0.405	96.096	96096.0	96M1G7W
100	3500.01	3500.01	DFT-s QAM	26.05	26.05	0.403	96.245	96245.0	96M2D7W
			CP QPSK	25.88	25.88	0.387	96.096	96096.0	96M1G7W
			CPQAM	25.84	25.84	0.384	96.245	96245.0	96M2D7W

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5G NR Band	5G NR Band n77_Part27_Uplink frequency band : 3700 to 3980 MHz									
Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission	
			DFT-s PI/2 BPSK	26.9	26.9	0.490	17.935	17935.0	17M9G7W	
			DFT-s QPSK	26.88	26.88	0.488	17.89	17890.0	17M9G7W	
20	3710.01	3969.99	DFT-s QAM	26.76	26.76	0.474	17.994	17994.0	18M0D7W	
			CP QPSK	26.75	26.75	0.473	17.89	17890.0	17M9G7W	
			CP QAM	26.63	26.63	0.460	17.994	17994.0	18M0D7W	
			DFT-s PI/2 BPSK	27.15	27.15	0.519	26.809	26809.0	26M8G7W	
			DFT-s QPSK	26.85	26.85	0.484	26.772	26772.0	26M8G7W	
30	3715.02	3765	DFT-s QAM	26.78	26.78	0.476	26.83	26830.0	26M8D7W	
			CP QPSK	26.8	26.8	0.479	26.772	26772.0	26M8G7W	
			CPQAM	26.73	26.73	0.471	26.83	26830.0	26M8D7W	
			DFT-s PI/2 BPSK	26.96	26.96	0.497	35.739	35739.0	35M7G7W	
			DFT-s QPSK	26.89	26.89	0.489	35.679	35679.0	35M7G7W	
40	3720	3960	DFT-s QAM	26.86	26.86	0.485	35.817	35817.0	35M8D7W	
			CP QPSK	26.64	26.64	0.461	35.679	35679.0	35M7G7W	
			CP QAM	26.57	26.57	0.454	35.817	35817.0	35M8D7W	
			DFT-s PI/2 BPSK	26.52	26.52	0.449	58.009	58009.0	58M0G7W	
			DFT-s QPSK	26.4	26.4	0.437	57.939	57939.0	57M9G7W	
60	3730.02	3949.98	DFT-s QAM	26.25	26.25	0.422	57.958	57958.0	58M0D7W	
				CP QPSK	26.5	26.5	0.447	57.939	57939.0	57M9G7W
			CPQAM	26.22	26.22	0.419	57.958	57958.0	58M0D7W	
			DFT-s PI/2 BPSK	26.44	26.44	0.441	77.149	77149.0	77M1G7W	
			DFT-s QPSK	26.28	26.28	0.425	77.258	77258.0	77M3G7W	
80	3740.01	3939.99	DFT-s QAM	26.16	26.16	0.413	77.097	77097.0	77M1D7W	
			CP QPSK	26.2	26.2	0.417	77.258	77258.0	77M3G7W	
			CP QAM	26.15	26.15	0.412	77.097	77097.0	77M1D7W	
			DFT-s PI/2 BPSK	26.6	26.6	0.457	96.524	96524.0	96M5G7W	
			DFT-s QPSK	26.34	26.34	0.431	96.231	96231.0	96M2G7W	
100	3750	3930	DFT-s QAM	26.27	26.27	0.424	96.529	96529.0	96M5D7W	
			CP QPSK	26.23	26.23	0.420	96.231	96231.0	96M2G7W	
			CP QAM	26	26	0.398	96.529	96529.0	96M5D7W	

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MIMO

5G NR Band	5G NR Band n77_Part27_Uplink frequency band : 3700 to 3980 MHz								
Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
20	2710.01	2060.00	CP QPSK	28.2053028	26.3373028	0.430	18.22	18220.0	18M2G7W
20	3710.01	3707.77	CPQAM	28.0861317	26.2181317	0.419	18.25	18250.0	18M3D7W
30	3715.02	3765	CP QPSK	28.1756482	26.3076482	0.427	27.885	27885.0	27M9G7W
50	3713.02	3703	CPQAM	28.115441	26.247441	0.421	27.917	27917.0	27M9D7W
40	3720	3060	CP QPSK	28.1956482	26.3276482	0.429	37.876	37876.0	37M9G7W
40	3720	3700	CPQAM	28.1204842	26.2524842	0.422	37.959	37959.0	38M0D7W
60	3730.02	30/0 08	CP QPSK	28.1808641	26.3128641	0.428	57.895	57895.0	57M9G7W
00	3730.02	3747.70	CPQAM	28.1155331	26.2475331	0.421	57.81	57810.0	57M8D7W
80	37/0.01	2020.00	CP QPSK	28.160346	26.292346	0.426	77.436	77436.0	77M4G7W
00	3740.01	3737.77	CPQAM	28.1253028	26.2573028	0.422	77.444	77444.0	77M4D7W
100	3750	2020	CP QPSK	28.2003115	26.3323115	0.430	97.477	97477.0	97M5G7W
100	3730	3730	CPQAM	27.7467719	25.8787719	0.387	97.45	97450.0	97M5D7W
5G NR Band n77_Part27_Uplink frequency band : 3450 to 3550 MHz									
5G NR Band	n77_Part27_l	Jplink freque	ncy band : 3450 to	3550 MHz					
5G NR Band Bandwidth (MHz)	n77_Part27_l Low Frequency	Jplink frequer Upper Frequency	ncy band : 3450 to Modulation	3550 MHz Conducted Average	EIRP Average	EIRP Average	99% BW (MHz)	99% BW (kHz)	Type of Emission
5G NR Band Bandwidth (MHz)	n77_Part27_L Low Frequency (MHz)	Jplink frequer Upper Frequency (MHz)	ncy band : 3450 to Modulation	3550 MHz Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
5G NR Band Bandwidth (MHz)	n77_Part27_L Low Frequency (MHz)	Jplink frequer Upper Frequency (MHz)	ncy band : 3450 to Modulation CP QPSK	3550 MHz Conducted Average (dBm) 27.2104036	EIRP Average (dBm) 25.3424036	EIRP Average (W) 0.342	99% BW (MHz) 18.228	99% BW (kHz) 18228.0	Type of Emission 18M2G7W
5G NR Band Bandwidth (MHz) 20	n77_Part27_U Low Frequency (MHz) 3460.02	Jplink frequer Upper Frequency (MHz) 3540	Modulation CP QPSK CP QAM	3550 MHz Conducted Average (dBm) 27.2104036 26.9757864	EIRP Average (dBm) 25.3424036 25.1077864	EIRP Average (W) 0.342 0.324	99% BW (MHz) 18.228 18.28	99% BW (kHz) 18228.0 18280.0	Type of Emission 18M2G7W 18M3D7W
5G NR Band Bandwidth (MHz) 20	n77_Part27_L Low Frequency (MHz) 3460.02	Jplink frequer Upper Frequency (MHz) 3540	CP QPSK CP QPSK CP QPSK CP QPSK	3550 MHz Conducted Average (dBm) 27.2104036 26.9757864 27.470346	EIRP Average (dBm) 25.3424036 25.1077864 25.602346	EIRP Average (W) 0.342 0.324 0.363	99% BW (MHz) 18.228 18.28 27.861	99% BW (kHz) 18228.0 18280.0 27861.0	Type of Emission 18M2G7W 18M3D7W 27M9G7W
5G NR Band Bandwidth (MHz) 20 30	n77_Part27_U Low Frequency (MHz) 3460.02 3465	Jplink frequer Upper Frequency (MHz) 3540 3534.99	CP QPSK CP QPSK CP QPSK CP QPSK CP QPSK CP QAM	3550 MHz Conducted Average (dBm) 27.2104036 26.9757864 27.470346 27.0865691	EIRP Average (dBm) 25.3424036 25.1077864 25.602346 25.2185691	EIRP Average (W) 0.342 0.324 0.363 0.333	99% BW (MHz) 18.228 18.28 27.861 27.909	99% BW (kHz) 18228.0 18280.0 27861.0 27909.0	Type of Emission 18M2G7W 18M3D7W 27M9G7W 27M9D7W
5G NR Band Bandwidth (MHz) 20 30	n77_Part27_U Low Frequency (MHz) 3460.02 3465 3470.01	Jplink frequer Upper Frequency (MHz) 3540 3534.99 3529.98	Modulation CP QPSK CP QAM CP QPSK CP QAM CP QAM CP QPSK	3550 MHz Conducted Average (dBm) 27.2104036 26.9757864 27.470346 27.0865691 27.4932466	EIRP Average (dBm) 25.3424036 25.1077864 25.602346 25.2185691 25.6252466	EIRP Average (W) 0.342 0.324 0.363 0.333 0.365	99% BW (MHz) 18.228 18.28 27.861 27.909 37.851	99% BW (kHz) 18228.0 18280.0 27861.0 27909.0 37851.0	Type of Emission 18M2G7W 18M3D7W 27M9G7W 27M9D7W 37M9G7W
5G NR Band Bandwidth (MHz) 20 30 40	n77_Part27_U Low Frequency (MHz) 3460.02 3465 3470.01	Jplink frequer Upper Frequency (MHz) 3540 3534.99 3529.98	Modulation CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QPSK CP QAM	3550 MHz Conducted Average (dBm) 27.2104036 26.9757864 27.470346 27.0865691 27.4932466 27.1414511	EIRP Average (dBm) 25.3424036 25.1077864 25.602346 25.2185691 25.6252466 25.2734511	EIRP Average (W) 0.342 0.324 0.363 0.333 0.365 0.337	99% BW (MHz) 18.228 18.28 27.861 27.909 37.851 37.897	99% BW (kHz) 18228.0 18280.0 27861.0 27909.0 37851.0 37897.0	Type of Emission 18M2G7W 18M3D7W 27M9G7W 27M9D7W 37M9G7W 37M9D7W
5G NR Band Bandwidth (MHz) 20 30 40	n77_Part27_U Low Frequency (MHz) 3460.02 3465 3470.01 3480	Jplink frequer Upper Frequency (MHz) 3540 3534.99 3529.98 3519.99	CP QPSK CP QPSK CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK	3550 MHz Conducted Average (dBm) 27.2104036 26.9757864 27.470346 27.0865691 27.4932466 27.1414511 27.5660621	EIRP Average (dBm) 25.3424036 25.1077864 25.2185691 25.223450 25.2734511 25.6980621	EIRP Average (W) 0.342 0.324 0.363 0.333 0.365 0.337 0.371	99% BW (MHz) 18.228 18.28 27.861 27.909 37.851 37.897 57.808	99% BW (kHz) 18228.0 18280.0 27861.0 27909.0 37851.0 37897.0 57808.0	Type of Emission 18M2G7W 18M3D7W 27M9G7W 27M9D7W 37M9G7W 37M9D7W 57M8G7W
5G NR Band Bandwidth (MHz) 20 30 40 60	n77_Part27_U Low Frequency (MHz) 3460.02 3465 3470.01 3480	Jplink frequer Upper Frequency (MHz) 3540 3534.99 3529.98 3519.99	Acy band : 3450 to Modulation CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM	3550 MHz Conducted Average (dBm) 27.2104036 26.9757864 27.470346 27.4932466 27.1414511 27.5660621 27.0159475	EIRP Average (dBm) 25.3424036 25.1077864 25.602346 25.2185691 25.6252466 25.2734511 25.6980621 25.1479475	EIRP Average (W) 0.342 0.324 0.363 0.333 0.365 0.337 0.371 0.327	99% BW (MHz) 18.228 18.28 27.861 27.909 37.851 37.897 57.808 57.884	99% BW (kHz) 18228.0 18280.0 27861.0 27909.0 37851.0 37897.0 57808.0 57884.0	Type of Emission 18M2G7W 18M3D7W 27M9G7W 27M9D7W 37M9G7W 37M9D7W 57M8G7W 57M9D7W
5G NR Band Bandwidth (MHz) 20 30 40 60 80	n77_Part27_U Low Frequency (MHz) 3460.02 3465 3470.01 3480 3490.02	Jplink frequer Upper Frequency (MHz) 3540 3534.99 3529.98 3519.99 3510	Acy band : 3450 to Modulation CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK	3550 MHz Conducted Average (dBm) 27.2104036 26.9757864 27.470346 27.0865691 27.4932466 27.1414511 27.5660621 27.0159475 27.1325561	EIRP Average (dBm) 25.3424036 25.1077864 25.602346 25.2185691 25.6252466 25.2734511 25.6980621 25.1479475 25.2645561	EIRP Average (W) 0.342 0.324 0.363 0.365 0.337 0.371 0.327 0.327 0.336	99% BW (MHz) 18.228 18.28 27.861 27.909 37.851 37.897 57.808 57.884 77.43	99% BW (kHz) 18228.0 18280.0 27861.0 27909.0 37851.0 37851.0 37897.0 57808.0 57884.0 77430.0	Type of Emission 18M2G7W 18M3D7W 27M9G7W 27M9D7W 37M9G7W 37M9G7W 57M8G7W 57M9D7W 77M4G7W
5G NR Band Bandwidth (MHz) 20 30 40 60 80	n77_Part27_U Low Frequency (MHz) 3460.02 3465 3470.01 3480 3490.02	Jplink frequer Upper Frequency (MHz) 3540 3534.99 3529.98 3519.99 3510	CP QPSK CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM	3550 MHz Conducted Average (dBm) 27.2104036 26.9757864 27.470346 27.0865691 27.4932466 27.1414511 27.5660621 27.0159475 27.1325561 26.6763389	EIRP Average (dBm) 25.3424036 25.1077864 25.2185691 25.6252466 25.2734511 25.6980621 25.1479475 25.2645561 24.8083389	EIRP Average (W) 0.342 0.324 0.363 0.365 0.337 0.365 0.337 0.371 0.327 0.327 0.336 0.303	99% BW (MHz) 18.228 18.28 27.861 27.909 37.851 37.897 57.808 57.884 77.43 77.465	99% BW (kHz) 18228.0 18280.0 27861.0 27909.0 37851.0 37897.0 57808.0 57884.0 77430.0 77465.0	Type of Emission 18M2G7W 18M3D7W 27M9G7W 27M9D7W 37M9G7W 37M9D7W 57M8G7W 57M9D7W 77M4G7W 77M5D7W
5G NR Band Bandwidth (MHz) 20 30 40 60 80 100	n77_Part27_U Low Frequency (MHz) 3460.02 3465 3470.01 3480 3490.02 3500.01	Jplink frequer Upper Frequency (MHz) 3540 3534.99 3529.98 3519.99 3510 3500.01	CP QPSK CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK CP QAM CP QPSK	3550 MHz Conducted Average (dBm) 27.2104036 26.9757864 27.470346 27.0865691 27.4932466 27.1414511 27.5660621 27.0159475 27.1325561 26.6763389 26.9803	EIRP Average (dBm) 25.3424036 25.1077864 25.2185691 25.2734511 25.6252466 25.2734511 25.6980621 25.1479475 25.2645561 24.8083389 25.1123	EIRP Average (W) 0.342 0.324 0.363 0.333 0.365 0.337 0.371 0.327 0.336 0.303 0.303 0.325	99% BW (MHz) 18.228 18.28 27.861 27.909 37.851 37.897 57.808 57.884 77.43 77.465 97.351	99% BW (kHz) 18228.0 18280.0 27861.0 27909.0 37851.0 37897.0 57808.0 57884.0 77430.0 77465.0 97351.0	Type of Emission 18M2G7W 18M3D7W 27M9G7W 27M9D7W 37M9G7W 37M9D7W 57M8G7W 57M9D7W 77M4G7W 77M4G7W 97M4G7W

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1.5 **Test Methodology of Applied Standards**

FCC 47 CFR Part 2, 22H, 24E, 27C ANSI C63.26-2015 KDB971168 D01 Power Meas license Digital System v03r01 KDB412172 D01 Determining ERP and EIRP v01r01 KDB 662911 D01 Multiple Transmitter Output v02r01

1.6 **Test Facility**

Laboratory	Test Site Address	Test Site Name	FCC Designa- tion number	IC CAB identifier
		SAC 1		
		SAC 3		
		Conduction 1		
	No.134, Wu Kung Road, New Taipei	Conducted 1		
	Industrial Park, Wuku District, New	Conducted 2	TW0027	
	Taipei City, Taiwan.	Conducted 3		
		Conducted 4		TW3702
		Conducted 5		
SCS Taiwan Ltd		Conducted 6		
Control PE Lob		Conduction C		
(TAE code 3702)	No 2. Kaji 1et Rd., Quishan District	SAC C	-	
		SAC D		
		SAC G		
		Conducted A		
	Taoyuan City Taiwan 333	Conducted B	TW0028	
	labydan Gity, Talwan 555	Conducted C	_	
		Conducted D	_	
		Conducted E	_	
		Conducted F	_	
		Conducted G		
Note: Test site na	ame is remarked on the equipmen	t list in each sectio	n of this report a	s an indica-
tion where	measurements occurred in specif	ic test site and add	aress.	

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1.7 **Special Accessories**

No special accessories were used during testing.

1.8 Equipment Modifications

There was no modifications incorporated into the EUT.

1.9 Radiated Emission Test Sites For Measurements From 9 kHz To 30 MHz

Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber.

the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

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SYSTEM TEST CONFIGURATION 2

2.1 **EUT Configuration**

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 **EUT Exercise**

The EUT (Transmitter) was operated in the continuous transmission mode employed with the simulator of the Base Station that fixates at test default channels to fix the Tx frequency which was for the purpose of the measurements.

2.3 **Test Procedure**

2.3.1 **Conducted Measurement at Antenna Port**

The EUT is placed on a table which is 0.8 m above ground plane. A low loss of RF cable was used to connect the antenna port of EUT to measurement equipment.

Radiated Emissions (ERP/EIRP) 2.3.2

The EUT is placed on a turn table, for emission measurements below 1 GHz is 0.8 m above ground plane, for emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both Horizontal and Vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

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2.4 **Measurement Results Explanation Example**

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.

Note:

The spectrum analyzer offset is derived from RF cable loss and attenuator factor. Following shows an offset computation in physical test.

Frequency	RF Cable loss (dB)	Attenuation (dB)	Offset (dB)
LB(1GHz below)	4.48	10	14.48
MB(1GHz - 2GHz)	4.02	10	14.02
HB(over 3GHz)	4.72	10	14.72

MIMO

(dB)	Attenuation (dB)	Offset (dB)
3.49	10	13.49
1.36	10	11.36
	(dB) 3.49 1.36	(dB) Attenuation (dB) 3.49 10 1.36 10

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(株計方分 就) 「し根音感末度月前執(二体の資料」)「可能(体)可能に能量の人) うみ様子大変やなり音曲 ディーマロが放発。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



2.5 Final Amplifier Voltage and Current Information:

5G NR BAND n2							
CP-OFDM_SCS 15 kHz							
Test mode	AC voltage (V)	AC current (mA)					
Bandwidth:5MHz Mod:256QAM	120	35					
Bandwidth:10MHz Mod:256QAM	120	33					
Bandwidth:15MHz Mod:256QAM	120	38					
Bandwidth:20MHz Mod:256QAM	120	36					
5G NR BA	ND n5						
CP-OFDM_S	CS 15 kHz						
Test mode	AC voltage (V)	AC current (mA)					
Bandwidth:5MHz Mod:256QAM	120	39					
Bandwidth:10MHz Mod:256QAM	120	32					
Bandwidth:15MHz Mod:256QAM	120	31					
Bandwidth:20MHz Mod:256QAM	120	34					
5G NR BAND n66							
CP-OFDM_S	CS 15 kHz						
Test mode	AC voltage (V)	AC current (mA)					
Bandwidth:5MHz Mod:256QAM	120	33					
Bandwidth:10MHz Mod:256QAM	120	37					
Bandwidth:15MHz Mod:256QAM	120	36					
Bandwidth:20MHz Mod:256QAM	120	39					
Bandwidth:30MHz Mod:256QAM	120	33					
Bandwidth:40MHz Mod:256QAM	120	32					
5G NR BA	ND n77						
CP-OFDM_S	CS 30 kHz						
Test mode	AC voltage (V)	AC current (mA)					
Bandwidth:20MHz Mod:256QAM	120	34					
Bandwidth:30MHz Mod:256QAM	120	35					
Bandwidth:40MHz Mod:256QAM	120	32					
Bandwidth:60MHz Mod:256QAM	120	33					
Bandwidth:80MHz Mod:256QAM	120	32					
Bandwidth:100MHz Mod:256QAM	120	34					

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MIMO

5G NR BAND n77							
CP-OFDM_SCS 30 kHz							
Test mode	AC voltage (V)	AC current (mA)					
Bandwidth:20MHz Mod:256QAM	120	34					
Bandwidth:30MHz Mod:256QAM	120	28					
Bandwidth:40MHz Mod:256QAM	120	32					
Bandwidth:60MHz Mod:256QAM	120	36					
Bandwidth:80MHz Mod:256QAM	120	31					
Bandwidth:100MHz Mod:256QAM	120	30					

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2.6 **Test Configuration**



Note: Radio Communication Analyzer is placed in remote side for radiated test.

2.7 Control Unit(s)

Conducted Emission Test Site: Conducted 4							
EQUIPMENT TYPE		MFR		MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Test Software		SGS		Radio Test Software	Ver. 21	N.C.R	N.C.R
Switching Adapter		Jiangxi Jian Aohai Technology		A929- 120300W- US1	N/A	N/A	N/A
			Rad	diated Emission Te	st Site: SAC 1		
EQUIPMENT TYPE		MFR	M	ODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
SWITCHING ADAPTER	Jiangx Techno	i JianAohai ology Co.,Ltd	A92	9-120300W-US1	N/A	N/A	N/A
Test Software		Audix		e3	Ver. 9.210322	N.C.R	N.C.R

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SUMMARY OF TEST RESULTS 3

FCC Rules	Description Of Test	Result
§2.1046(a)	RF Power Output	Compliant
§22.913(a)(5) §24.232(c) §27.50(d)(4) §27.50(j)(3) §27.50(k)(3)	ERP/ EIRP measurement	Compliant
§2.1049(h)	99% & 26dB Occupied Band- width	Compliant
§2.1051 §22.917(a)(b) §24.238(a)(b) §27.53(h)(1)(3) §27.53(l)(2) §27.53 (n)(2)	Out of Band Emissions at An- tenna Terminals and Band Edge / Emission mask re- quirements	Compliant
§2.1053 §22.917(a)(b) §24.238(a)(b) §27.53(h) §27.53(l)(2) §27.53 (n)(2)	Field Strength of Spurious Radiation	Compliant
§24.232(d) §27.50(a)(B) §27.50 (k)(4) §27.50(j)(4)	Peak to Average Ratio	Compliant
§2.1055(a)(1) §22.355 §24.235 §27.54	Frequency Stability	Compliant

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DESCRIPTION OF TEST MODES 4

4.1 The Worst Test Modes and Channel Details

- 1. The EUT has been tested under operating condition.
- 2. Pre-Scan has been conducted to determine the worst-case scenario from all possible combinations among available modulations, data rates and antenna ports, the worst case configurations listed below for the final test.
- 3. The field strength of radiated emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.

4.2 **Measurement Configuration**

		Tes	t Chan	nel				Band	width (MHz)				М	odulati	on DFT	-s-OFD	M	Mod	lulatio	n CP-OI	DM			RE	\$#		
Test Items	Band	L	м	н	5	10	15	20	30	40	60	80	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full
Conducted Power		v	v	v	v	v	v	v						v	v	v	v	v	v	v	v	v			v	v	v	v
Freqency Stability			v					v											v									v
Occupied Bandwidth		v	v	v	v	v	v	v						v	v	v	v	v										v
Bandedge	2	v		v	v	v	v	v						v					v				v	v				v
Conducted Emission		v	v	v	v	v	v	v						v											v			
CCDF		v	v	v	v	v	v	v										v										v
Radiated Emission		v	v	v			v							v											v			
	ĺ	Tes	t Chan	nel				Band	width (MHz)				М	odulati	on DFT	-s-OFD	M	Mod	lulatio	n CP-OI	DM			RE	1#		
Test Items	Band	L	м	н	5	10	15	20	30	40	60	80	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full
Conducted Power		v	v	v	v	v	v	v						v	v	v	v	v	v	v	v	v			v	v	v	v
Freqency Stability			v					v											v									v
Occupied Bandwidth		v	v	v	v	v	v	v						v	v	v	v	v										v
Bandedge	5	v		v	v	v	v	v						v					v				v	v				v
Conducted Emission		v	v	v	v	v	v	v						v											v			
CCDF		v	v	v	v	v	v	v										v										v
Radiated Emission		v	v	v			v							v											v			
		_							1.111.1	N 41 L- \					تقماد امم		- 050	1.4	Mor	lul atio	- 00 00	D14						
		les	st Chan	nei				вала	wiath (ivinz)				IVI	Juurau	on DFI	-S-OFD	/IVI	IVIOC	uiauo	n CP-OI	UIVI			RE	»#		
Test Items	Band	L	M	H	5	10	15	вало 20	30 30	40	60	80	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full
Test Items	Band	L	M v	H V	5 V	10 v	15 V	20 v	30 v	40 v	60	80	100	BPSK	QPSK V	16 QAM V	64 QAM V	256 QAM V	QPSK V	16 QAM V	64 QAM V	256 QAM V	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left v	Inner 1RB_Right v	Inner Full V	Outer Full V
Test Items Conducted Power Freqency Stability	Band	L	M V V	H V	5 V	10 v	15 V	20 v	30 v	40 v	60	80	100	BPSK V	QPSK V	16 QAM V	64 QAM V	256 QAM V	QPSK V V	16 QAM V	64 QAM V	256 QAM V	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left v	Inner 1RB_Right v	Inner Full V	Outer Full v v
Test Items Conducted Power Freqency Stability Occupied Bandwidth	Band	L v v	M V V V	H V V	5 v v	10 v	15 v	20 v	30 v	40 v	60	80	100	BPSK V V	QPSK V V	on DFT 16 QAM V V	64 QAM V	256 QAM V V	QPSK V V	16 QAM V	64 QAM V	256 QAM V	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left V	Inner 1RB_Right v	Inner Full V	Outer Full v v v
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge	Band 66	L V V V	M V V V	H V V V	5 v v v	10 v v	15 v v v	20 v v v	30 v	40 v	60	80	100	W BPSK V V V	QPSK V V	16 QAM V	64 QAM V	256 QAM V V	QPSK V V	16 QAM V	64 QAM V	256 QAM V	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left V	Inner 1RB_Right v	Inner Full V	Outer Full v v v v
Test items Conducted Power Fregency Stability Occupied Bandwidth Bandedge Conducted Emission	Band 66	L V V V V	v v v v	H V V V V	5 v v v v	10 v v v v v	15 v v v v v	20 v v v v	30 v	40 v	60	80	100	BPSK V V V V	QPSK V V	16 QAM V V	64 QAM V	256 QAM V V	QPSK V V V	16 QAM V	64 QAM V	256 QAM V	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left V	Inner 1RB_Right v	Inner Full V	Outer Full v v v v
Test items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Conducted Emission CCDF	Band 66	V V V V V	v v v v v	H V V V V V	5 v v v v v v	10 v v v v v v v	15 v v v v v v	20 v v v v v v	30 v	40 v	60	80	100	WI BPSK V V V V	QPSK V	16 QAM V	64 QAM V	256 QAM V V V	V V V	16 QAM V	64 QAM V	256 QAM V	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left v	Inner 1RB_Right v	Inner Full V	V Full V V V V V
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Conducted Emission CCDF Radiated Emission	Band 66	V V V V V V V	v v v v v v	H V V V V V V V	5 v v v v v v	10 v v v v v v v	15 v v v v v v	20 v v v v v	30 v	40 v	60	80	100	V V V V V V	V V	16 QAM V	-5-0PD 64 QAM V	256 QAM V V V	QPSK V V	16 QAM V	64 QAM V	256 QAM V	Edge 1RB_Left	Edge 1RB_Right	v v v	Inner 1RB_Right v	Inner Full V	V Full V V V V V
Test items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Conducted Emission CCDF Radiated Emission	Band 66	V V V V V V V V V V V V	V V V V V V V V V	H V V V V V V V V	5 v v v v v v	10 v v v v v v	15 v v v v v	20 v v v v v Band	30 v	40 v v MHz)	60	80	100	BPSK V V V V V M	V V V	v v v v		256 QAM V V V V V	V QPSK V V V	16 QAM V	64 QAM V	256 QAM V	Edge 1RB_Left	Edge 1RB_Right	v v v v v v	** Inner 1RB_Right v	Inner Full V	Outer Full V V V V
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Conducted Emission CCDF Radiated Emission Test Items	Band 66 Band	v v v v v v v v v v v v v v v t c	v v v v v v t Chan	nel	5 v v v v v v 5	10 v v v v v 10	15 v v v v v 15	20 v v v v Band	30 v width (30	40 v v MHz) 40	60	80	100	W BPSK V V V V V M BPSK	v v v odulati	v v v v v	-s-OFD 64 QAM V V V	256 QAM V V V V V Z56 QAM	V QPSK V V V QPSK	16 QAM V Julatio	64 QAM V V n CP-OI	256 QAM V 	Edge 1RB_Left v v	Edge 1RB_Right v v Edge 1RB_Right	v Inner 1RB_Left v v v v RB Inner 1RB_Left	Inner 1RB_Right v v Inner 1RB_Right	Inner Full v	Outer Full v v v v v
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Conducted Emission CCDF Radiated Emission Test Items Conducted Power	Band 66 Band	V V V V V V V V V V V V V V V V V V V	v v v v v v v v v v v v v v v v v v v	H V V V V V V V N Rel	5 v v v v v 5	10 v v v v v 10	15 v v v v v 15	20 v v v v v Band 20 v	width (30 v width (30 v	V V V MHz) 40 V V V	60	80	100	W BPSK V V V V M BPSK V	v v v odulati	v v v v v v v v v v v v v v v v v v v	-s-OFD 64 QAM V V V s-OFD 64 QAM V	256 QAM V V V V V V V V V V V V V V V V V V V	V V V V V OPSK	dulatio	64 QAM V V n CP-OF	256 QAM V 	Edge 1RB_Left v v Edge 1RB_Left	Edge 1RB_Right v v Edge 1RB_Right	v Inner 1RB_Left v v v v RE Inner 1RB_Left v	# Inner IRB_Right v Inner IRB_Right Inner IRB_Right v	Inner Full V Inner Full V	Outer Full V V V V V V Outer Full V
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Conducted Emission CCDF Radiated Emission Test Items Conducted Power Freqency Stability	Band 66 Band	v v v v v v v v v v v v v v v v v v v	v v v v v v v v v v v v v v v v v v v	H V V V V V V V H H	5 v v v v v v v 5	10 v v v v v 10 10	15 v v v v v 15	20 v v v v v v v v v v v v v	v v wwidth (30 v	V V V MHz) 40 V V V V V V	60	80 80 80 v	100	VI BPSK V V V V W BPSK	V V V Oddulati	v v v v n D n D F T f 6 QAM v v	64 QAM V V s-OFD 64 QAM V	256 QAM V V V V V Z S G AM V	V QPSK V V V V Moc QPSK V V	16 QAM V V U U U U U U U U U U U U U U U U U	64 QAM V V CP-OI	256 QAM V DM 256 QAM V V	Edge 1RB_Left	Edge 1RB_Right v Edge 1RB_Right	Inner 1RB_Left V V V RE Inner 1RB_Left V	# Inner IRB_Right v v Inner IRB_Right v	Inner Full V Inner Full V	Outer Full V V V V V V V Outer Full V V
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Conducted Emission CCDF Radiated Emission Test Items Conducted Power Freqency Stability Occupied Bandwidth	Band 66 Band	les L v v v v v v v v v v v v v v v v v v	v v v v v v v v v v v v v v v v v v v	H V V V V V V V V V V V V V V V V V	5 V V V V V V V S S	10 v v v v v 10	15 v v v v v 15	20 v v v v v v v v v v v v v v v v v v v	v v width (30 v v v v v	vinc) v v v v MHz) 40 v v v v v	60	80 80 80 v	100 100 100 v	V BPSK V V V V M BPSK V V	V V V V V V V V V V V	v v v v v v v v v v v v v v v v v v v		256 QAM V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V	16 QAM V U U U U U U U U U U U U U U U U U U	64 QAM V QAM A V QAM GAM QAM V	256 QAM V C C C C C C C C C C C C C C C C C C	Edge 1RB_Left v v Edge 1RB_Left	Edge 1RB_Right v v Edge 1RB_Right	v Inner 1RB_Left v v v v RE Inner 1RB_Left v	# Inner 1RB_Right v v u u u u u u u u u u u u u u u u u	Inner Full V Inner Full V	Outer Full V V V V V V Outer Full V V V V V
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Conducted Emission CCDF Radiated Emission Test Items Conducted Power Freqency Stability Occupied Bandwidth Mask	Band 66 Band 77	Les v v v v v v v v v v v v v v v v v v v	v v v v v v v v v v v v v v v v v v v	H V V V V V V V V V V V V V V V V V V V	5 v v v v v v 5 1 1 1 1 1 1 1 1 1 1 1 1 1	10 v v v v v 10	15 v v v v v v 15	20 v v v v v v v v v v v v v	v v width (30 v v v v v v	vvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvvv	60	80 80 80 v	100 	VI BPSK V V V V V BPSK V V V V V V	V V V V V V V V V V V V V	v v v v v v v v v v v v v v v v v v v	64 QAM V V V 	256 QAM v v v v v v v v v v v v v v v v v v v	V V V V V V V V V V V V V V V V V	16 QAM V V U U U U U U U U U U U U U U U U U	64 QAM V V C C C C C C C C C C C C C C C C C	256 QAM V D D D M 256 QAM V	Edge 1RB_Left v v Edge 1RB_Left v	Edge 1RB_Right	v Inner IRB_Left v v v v RE Inner IRB_Left v	# Inner IRB_Right v Inner IRB_Right v	Inner Full V Inner Full V	Outer Full v v v v v v v Full Outer Full v v v v v v v
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Conducted Emission CCDF Radiated Emission Test Items Conducted Power Freqency Stability Occupied Bandwidth Mask Conducted Emission	Band 66 Band 77	Les V V V V V V V V V V V V V V V V V	v v v v v v v v v v v v v v v v v v v	H V V V V V V V V V V V V V V V V V V V	5 v v v v v 5 1 1 1 1 1 1 1 1 1 1 1 1 1	10 v v v v v 10	15 v v v v v 15	20 v v v v v v v v v v v v v v v v v v v	v v v v v v v v v v v v v	40 v v v v MHz) 40 v v v v v v v v v v v v v	60	80 80 80 v v v	100 	VI BPSK V V V V V M BPSK V V V V V V V	V V V V V V V V V V V V V V V	v v v v v v v v v v v v v v v v v v v	64 QAM V V -s-OFD 64 QAM V V	256 QAM v v v v v v v v v v v v v v v v v v	V QPSK V V V V QPSK QPSK V V V V	16 QAM V U U U U U U U U U U U U U U U U U U	64 QAM V V C C C C C C C C C C C C C C C C C	256 QAM V U D D D M 256 QAM V U	Edge 1RB_Left v v Edge 1RB_Left	Edge 1RB_Right	v Inner IRB_Left v v v RE IRB_Left v v	# Inner 1RB_Right v v 	Inner Full v Inner Full v	Outer Full V Outer Full V V V V V V V V
Test Items Conducted Power Freqency Stability Occupied Bandwidth Bandedge Conducted Emission CCDF Radiated Emission Test Items Conducted Power Freqency Stability Occupied Bandwidth Mask Conducted Emission CCDF	Band 66 Band 77	Les V V V V V V V V V V V V V V V V V	v v v v v v v v v v v v v v v v v v v	H V V V V V V V V V V V V V V V V V V V		10 v v v v v 10 10		20 v v v v v v v v v v v v v	30 v width (30 v width (30 v v v v v v v v	vinc) v v v v v v v v v v v v v v v v v v v	60 	80 80 80 v v v v v v v	100 100 100 v v v v v v	VI BPSK V V V V M BPSK V V V V V V V V	V V V V Odulati	v v v v v v v v v v v v v v v v v v v	64 QAM V V V 	256 QAM V V V V V V V V V V V V V V V V V V V	QPSK v v v v v v v v v v v v v v v	16 QAM V V U U U U U U U U U U U U U U U U U	64 QAM V V	256 QAM V U U U U U U U U U U U U U U U U U U	Edge 1RB_Left v v Edge 1RB_Left	Edge 1RB_Right v v Edge 1RB_Right v v	v Inner IRB_Left v v v v RE IRB_Left v v	# Inner 1RB_Right v v i i i i i i i i i i i i i i i i i	Inner Full v Inner Full v	Outer Full v v v v v Outer Full v v v v v v v v

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(株計方分 就) 「し根音感末度月前執(二体の資料」)「可能(体)可能に能量の人) うみ様子大変やなり音曲 ディーマロが放発。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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MIMO

		Te	st Chan	nel			Band	width (MHz)			Mod	dulatio	n CP-O	FDM			RE	3 #		
Test Items	Band	L	м	н	5	20	30	40	60	80	100	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full
Conducted Power		v	v	v		v	v	v	v	v	v	v	v	v	v			v	v	v	v
Freqency Stability			v								v	v									v
Occupied Bandwidth		v	v	v		v	v	v	v	v	v										v
Bandedge		v		v		v	v	v	v	v	v										
Mask	//	v		v								v				v	v				v
Conducted Emission		v	v	v		v	v	v	v	v	v							v			
CCDF]	v	v	v		v	v	v	v	v	v										v
Radiated Emission]	v	v	v		v						v						v			

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ENDC

	Tast	Channel		Resource Blo	ock Allocation	Resource Blo	ock Allocation
Band	Channel	Bandwidth	Modulation	RB	RB	RB	RB
	Chariner	(MHz)		Allocation	Offset	Allocation	Offset
5A_n2A	Low_Mid	10_15	QPSK_2 BPSK	1	0	1	1
13A_n2A	Mid_Mid	10_15	QPSK_2 BPSK	1	0	1	1
66A_n2A	Low_Mid	20_15	QPSK_2 BPSK	1	1	1	1
2A_n5A	Low_Low	20_15	QPSK_2 BPSK	1	0	1	1
48A_n5A	Low_Low	20_15	QPSK_2 BPSK	1	0	1	1
66A_n5A	Low_Low	20_15	QPSK_2 BPSK	1	0	1	1
2A_n66A	Low_Low	20_15	QPSK_2 BPSK	1	0	1	1
5A_n66A	Low_Low	10_15	QPSK_2 BPSK	1	0	1	1
13A_n66A	Mid_Low	10_15	QPSK_2 BPSK	1	0	1	1
2A_n77A	Low_High	20_30	QPSK_2 BPSK	1	0	1	1
5A_n77A	Low_High	10_30	QPSK_2 BPSK	1	0	1	1
13A_n77A	Mid_High	10_30	QPSK_2 BPSK	1	0	1	1
66A_n77A	Low_High	20_30	QPSK_2 BPSK	1	0	1	1

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5 MEASUREMENT UNCERTAINTY

Test Items	Uno	certair	nty
RF Power Output	+/-	1	dB
EPD/ EIPD mogsurement	+/-	3	dB
	+/-	3	dB
Emission Bandwidth	+/-	1.53	Hz
Out of Band Emissions at Antenna Terminals and Band Edge	+/-	1.68	dB
Peak to Average Ratio	+/-	1	dB
Frequency Stability vs. Temperature	+/-	1.53	Hz
Frequency Stability vs. Voltage	+/-	1.53	Hz
Temperature	+/-	0.4	°C
Humidity	+/-	3.5	%
DC / AC Power Source	+/-	1	%

Radiated Spurio	us Er	nission	Meas	urement Uncertainty
	+/-	2.57	dB	9kHz~30MHz
Polarization: Vortical	+/-	4.85	dB	30MHz - 1000MHz
	+/-	4.45	dB	1GHz - 18GHz
	+/-	4.24	dB	18GHz - 40GHz
	+/-	2.57	dB	9kHz~30MHz
Polarization: Harizantal	+/-	4.37	dB	30MHz - 1000MHz
Polarization. Horizontai	+/-	4.45	dB	1GHz - 18GHz
	+/-	4.24	dB	18GHz - 40GHz

This uncertainty represents an expanded uncertainty expressed at approximately the95% confidence level using a coverage factor of k=2.

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MEASUREMENT EQUIPMENT USED 6

6.1 **Conducted Measurement**

	Conducted	Emission Test	Site: Conducted	4	
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
PXA Spectrum Analyzer	Agilent	N9030A	MY53120760	04/27/2021	04/26/2022
EXA Spectrum Analyzer	Agilent	N9010A	MY53400256	11/12/2021	11/11/2022
Radio Communication Analyer	KEYSIGHT	E7515B	MY60191250	01/14/2022	01/13/2023
AC Power Source	Gwinstek	APS-7050E	GEV171679	09/28/2021	09/27/2022
Attenuator	Mini-Circuit	BW-S10W2+	4	12/14/2021	12/13/2022
DC Block	Mini-Circuits	BLK-18-S+	1	12/14/2021	12/13/2022
Power Divider	RF-LAMBAD	RFLT2W1G18 G	11-JSPF412-017	12/14/2021	12/13/2022

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Radiated Measurement 6.2

		Radiated Emission Tes	t Site: SAC 1		
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Bi-log Antenna	SCHWARZBECK	VULB9168	300	10/19/2021	10/18/2022
Horn Antenna	SCHWARZBECK	BBHA9120D	D803	12/20/2021	12/19/2022
Bi-log Antenna	TESEO	CBL 6112D	35242 & AT-N0555	01/03/2022	01/02/2023
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/18/2021	05/17/2022
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/16/2021	12/15/2022
Horn Antenna	SCHWARZBECK	BBHA9170	185	08/06/2021	08/05/2022
Site Cal	SGS	SAC I chamber	N/A	01/01/2022	12/31/2022
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY59071541	07/14/2021	07/13/2022
Signal Generator	R&S	SMBV100A	263084	01/11/2022	01/10/2023
Radio Communication Analyer	KEYSIGHT	E7515B	MY60191250	01/14/2022	01/13/2023
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2021	10/26/2022
Pre-Amplifier	HP	8449B	3008A01973	12/16/2021	12/15/2022
Pre-Amplifier	HP	8447D	2944A09469	12/16/2021	12/15/2022
Bandreject Filter 800- 1000	Micro-Tronics	EWT	M1	12/14/2021	12/13/2022
Bandreject Filter 1700-2000	Micro-Tronics	EWT	M3	12/14/2021	12/13/2022
Bandreject Filter 3300-3800	Micro-Tronics	WI	1	12/14/2021	12/13/2022
4GHz High Pass Filter	WI	WHKX4.0/18G-10SS	22	12/14/2021	12/13/2022
Coaxial Cable	Huber Suhner	succoflex 102	MY2622/2	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	succoflex 104A	800086/4a	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	EMC 104-SM-SM-2000	160123	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	SUCOFLEX 104	160125	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	SUCOFLEX 106	76096/6	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2630/2	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY22962/2	12/16/2021	12/15/2022
Coaxial Cable	Huber Suhner	SUCOFLEX 102	SN 520430/2	12/16/2021	12/15/2022

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MAXIMUM OUTPUT POWER 7

7.1 Standard Applicable

A base station simulator was used to establish communication with the EUT. Its parameters were set to transmit the maximum power on the EUT. The measured power in the radio frequency on the transmitter output terminals.

7.1.1 **ERP/EIRP LIMIT**

According to FCC §2.1046

FCC 22.913(a)

(5) mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

FCC 24.232(c)

Mobile and portable stations are limited to 2 W EIRP.

FCC 27.50(d)

(4) Mobile, and portable (hand-held) stations operating in the 1710-1755 MHz, 1695-1710 MHz and 1755-1780 MHz bands are limited to 1W EIRP.

FCC 27.50(j)(3)

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

FCC 27.50(k)(3)

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

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7.2 Test Set-up



Note: Measurement setup for testing on Antenna connector

7.3 **Output Power Measurement Applicable Guideance**

The transmitter output was connected to a calibrated attenuator, the other end of which was connected to a power meter. Transmitter output was read off the power meter in dBm. The power output at the transmitter antenna port was determined by adding the value of the attenuator to the power meter reading.

KDB 971168 D01 Power Meas License Digital System as the supplemental test methodology to adjust the proper setting obtaining the measurement results.

All LTE bands conducted average power is obtained from the simulator telecommunication test set.

7.4 Determining ERP and/or EIRP from conducted RF output power measurements

According to KDB 412172 D01 Power Approach,

 $EIRP = P_T + G_T - L_c$

ERP= EIRP-2.15.

Where:

ERP or EIRP	= effective radiated power or equivalent isotropically radiated power (expressed in the same units as PT, typically dBW, dBm, or power spectral density (PSD)2), relative to either a dipole antenna (ERP) or an isotropic antenna (EIRP);
Ρτ	= transmitter output power, expressed in dBW, dBm, or PSD;
Gτ	= gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);
LC	and antenna, in dB.

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7.5 **Measurement Results:**

	5G NR B	and n2 : 1850 to 1	910 MHz		Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	ain(dBi)	-0.72	698	Channel (A	RFCH)/Frec	jency(MHz)	Channel (A	ARFCH)/ Freq	ency(MHz)
	EIRP Lim	it (W)	2		Low	Mid	High	Low	Mid	High
	000 (111)		RB	RB	370500	376000	381500	370500	376000	381500
BW (MHZ)	SCS (KHZ)	Modulation	Allocation	Offset	1852.5	1880	1907.5	1852.5	1880	1907.5
			1	1	22.80	23.25	22.91	22.07	22.52	22.18
			1	23	22.30	22.37	22.04	21.57	21.64	21.31
		DFT-SPI/2BPSK	12	6	22.50	22.51	22.30	21.77	21.78	21.57
			25	0	22.35	22.45	22.03	21.62	21.72	21.30
			1	1	23.10	23.17	22.84	22.37	22.44	22.11
			1	23	22.45	22.44	22.21	21.72	21.71	21.48
		DI 1-3 QF 3K	12	6	22.53	22.56	22.40	21.80	21.83	21.67
5	15		25	0	22.05	21.95	21.72	21.32	21.22	20.99
		DFT-s 16QAM	1	1	21.11	21.66	21.00	20.38	20.93	20.27
		DFT-s 64QAM	1	1	19.88	20.43	20.12	19.15	19.70	19.39
		DFT-s 256QAM	1	1	18.16	18.17	18.09	17.43	17.44	17.36
		CP QPSK	1	1	20.96	21.13	20.95	20.23	20.40	20.22
		CP 16QAM	1	1	20.11	20.55	19.93	19.38	19.82	19.20
		CP 64QAM	1	1	18.94	19.70	19.57	18.21	18.97	18.84
		CP 256QAM	1	1	16.21	16.10	15.96	15.48	15.37	15.23
	5G NR B	and n2 : 1850 to 1	910 MHz		Condu	cted Average	(dBm)		EIRP (dBm)	
	5G NR B Antenna Ga	and n2 : 1850 to 1 ain(dBi)	910 MHz -0.72	698	Condu Channel (A	cted Average ARFCH)/Frec	(dBm) jency(MHz)	Channel (A	EIRP (dBm) ARFCH)/ Freq	jency(MHz)
	5G NR B Antenna Ga EIRP Lim	and n2 : 1850 to 1 ain(dBi) it (W)	910 MHz -0.72 2	698	Condu Channel (A Low	cted Average RFCH)/ Frec Mid	(dBm) Jency(MHz) High	Channel (A	EIRP (dBm) ARFCH)/ Freq Mid	ency(MHz) High
	5G NR B Antenna Ga EIRP Lim	and n2 : 1850 to 1 ain(dBi) it (W)	910 MHz -0.72 2 RB	698 RB	Condu Channel (A Low 371000	cted Average RFCH)/ Frec Mid 376000	(dBm) jency(MHz) High 381000	Channel (A Low 371000	EIRP (dBm) ARFCH)/ Freq Mid 376000	ency(MHz) High 381000
BW (MHz)	5G NR B Antenna Ga EIRP Lim SCS (kHz)	and n2 : 1850 to 1 ain(dBi) it (W) Modulation	910 MHz -0.72 2 RB Allocation	RB Offset	Condu Channel (A Low 371000 1855	cted Average RFCH)/ Frec Mid 376000 1880	(dBm) ency(MHz) High 381000 1905	Channel (# Low 371000 1855	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880	ency(MHz) High 381000 1905
BW (MHz)	5G NR B Antenna Ga EIRP Lim SCS (kHz)	and n2 : 1850 to 1 ain(dBi) it (W) Modulation	910 MHz -0.72 2 RB Allocation 1	698 RB Offset	Condu Channel (A Low 371000 1855 23.30	cted Average RFCH)/ Frec Mid 376000 1880 23.11	(dBm) ency(MHz) High 381000 1905 22.93	Channel (A Low 371000 1855 22.57	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38	ency(MHz) High 381000 1905 22.20
BW (MHz)	5G NR B Antenna Ga EIRP Lim SCS (kHz)	and n2 : 1850 to 1 ain(dBi) it (W) Modulation	910 MHz -0.72 2 RB Allocation 1 1	2698 RB Offset 1 50	Condu Channel (A Low 371000 1855 23.30 22.30	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23	(dBm) ency(MHz) High 381000 1905 22.93 22.12	Channel (A Low 371000 1855 22.57 21.57	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50	ency(MHz) High 381000 1905 22.20 21.39
BW (MHz)	5G NR B Antenna Ga EIRP Lim SCS (kHz)	and n2 : 1850 to 1 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	910 MHz -0.72 2 RB Allocation 1 1 25	698 RB Offset 1 50 12	Condu Channel (A Low 371000 1855 23.30 22.30 22.68	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23 22.72	(dBm) ency(MHz) High 381000 1905 22.93 22.12 22.56	Channel (A Low 371000 1855 22.57 21.57 21.95	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50 21.99	ency(MHz) High 381000 1905 22.20 21.39 21.83
BW (MHz)	5G NR B Antenna Ga EIRP Lim SCS (kHz)	and n2 : 1850 to 1 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	910 MHz -0.72 2 RB Allocation 1 1 1 25 50	698 RB Offset 1 50 12 0	Condu Channel (A Low 371000 1855 23.30 22.30 22.68 22.66	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23 22.72 22.80	(dBm) ency(MHz) High 381000 1905 22.93 22.12 22.56 22.67	Channel (A Low 371000 1855 22.57 21.57 21.95 21.93	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50 21.99 22.07	ency(MHz) High 381000 1905 22.20 21.39 21.83 21.94
BW (MHz)	5G NR B Antenna Ga EIRP Lim SCS (kHz)	and n2 : 1850 to 1 ain(dBi) it (W) Modulation DFT -s PI/2 BPSK	910 MHz -0.72 RB Allocation 1 1 25 50 1	698 RB Offset 1 50 12 0 1	Condu Channel (A 371000 1855 23.30 22.30 22.68 22.66 23.04	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23 22.72 22.80 22.89	(dBm) ency(MHz) High 381000 1905 22.93 22.12 22.56 22.67 22.70	Channel (# Low 371000 1855 22.57 21.57 21.95 21.93 22.31	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50 21.99 22.07 22.16	ency(MHz) High 381000 1905 22.20 21.39 21.83 21.94 21.97
BW (MHz)	5G NR B Antenna Ga EIRP Lim SCS (kHz)	and n2 : 1850 to 1 in(dBi) it (W) Modulation DFT-s PI/2 BPSK	910 MHz -0.72 2 RB Allocation 1 1 25 50 1 1 1	698 RB Offset 1 50 12 0 1 50	Condu Channel (A 371000 1855 23.30 22.30 22.68 22.66 23.04 22.40	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23 22.72 22.80 22.89 22.44	(dBm) ency(MHz) High 381000 1905 22.93 22.12 22.56 22.67 22.70 22.23	Channel (A Low 371000 1855 22.57 21.57 21.95 21.93 22.31 21.67	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50 21.99 22.07 22.16 21.71	ency(MHz) High 381000 1905 22.20 21.39 21.83 21.94 21.97 21.50
BW (MHz)	5G NR B Antenna Ga EIRP Lim SCS (kHz)	and n2 : 1850 to 1 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	910 MHz -0.72 RB Allocation 1 1 25 50 1 1 1 25	2698 RB Offset 1 50 12 0 1 50 12 12	Condu Channel (A 371000 1855 23.30 22.68 22.66 23.04 22.40 22.74	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23 22.72 22.80 22.89 22.44 22.83	(dBm) ency(MHz) High 381000 1905 22.93 22.12 22.56 22.67 22.70 22.23 22.65	Channel (A Low 371000 1855 22.57 21.57 21.95 21.93 21.67 21.67 22.01	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50 21.99 22.07 22.16 21.71 22.10	ency(MHz) High 381000 1905 22.20 21.39 21.83 21.94 21.97 21.50 21.92
BW (MHz)	5G NR B Antenna Ga EIRP Lim SCS (kHz) 15	and n2 : 1850 to 1 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	910 MHz -0.72 RB Allocation 1 1 25 50 1 1 1 25 50 25 50	698 RB Offset 1 50 12 0 1 50 12 0 12 0 12 0	Condu Channel (A 371000 1855 23.30 22.66 22.66 23.04 22.40 22.74 21.91	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23 22.72 22.80 22.80 22.89 22.44 22.83 22.08	(dBm) ency(MHz) High 381000 1905 22.93 22.12 22.56 22.67 22.70 22.23 22.65 21.88	Channel (A Low 371000 1855 22.57 21.57 21.93 21.93 22.31 21.67 22.01 21.18	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50 21.99 22.07 22.16 21.71 22.10 21.35	ency(MHz) High 381000 1905 22.20 21.39 21.83 21.94 21.97 21.50 21.92 21.15
BW (MHz)	5G NR B Antenna Ga EIRP Lim SCS (kHz) 15	and n2 : 1850 to 1 in(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM	910 MHz -0.72 RB Allocation 1 1 25 50 1 1 25 50 1 25 50 1 1 25 50 1 1 25 1 25	698 RB Offset 1 50 12 0 1 50 12 0 12 0 12 0 12	Condu Channel (A Low 371000 1855 23.30 22.68 22.66 23.04 22.40 22.74 21.91 21.27	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23 22.72 22.80 22.89 22.44 22.83 22.08 21.50	(dBm) ency(MHz) High 381000 1905 22.93 22.12 22.56 22.67 22.70 22.23 22.65 21.88 21.32	Channel (A Low 371000 1855 22.57 21.95 21.95 21.93 21.67 22.01 21.18 20.54	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50 21.99 22.07 22.16 21.71 22.10 21.35 20.77	ency(MHz) High 381000 1905 22.20 21.39 21.83 21.94 21.97 21.50 21.92 21.15 20.59
BW (MHz)	5G NR B Antenna Ga EIRP Lim SCS (kHz)	and n2 : 1850 to 1 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM	910 MHz -0.72 RB Allocation 1 1 25 50 1 1 25 50 1 1 25 50 1 1 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	698 RB Offset 1 50 12 0 1 50 1 50 1 2 0 1 1 1 1	Condu Channel (A 371000 1855 23.30 22.68 22.66 23.04 22.40 22.74 21.91 21.27 20.00	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23 22.72 22.80 22.89 22.44 22.83 22.08 21.50 20.01	(dBm) ency(MHz) High 381000 1905 22.93 22.12 22.56 22.67 22.70 22.23 22.65 21.88 21.32 19.87	Channel (# Low 371000 1855 22.57 21.57 21.93 21.93 22.31 21.67 22.01 21.18 20.54 19.27	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50 21.99 22.07 22.16 21.71 22.10 21.35 20.77 19.28	ency(MHz) High 381000 1905 22.20 21.39 21.83 21.94 21.97 21.50 21.92 21.15 20.59 19.14
BW (MHz)	5G NR B Antenna Ga EIRP Lim SCS (kHz) 15	and n2 : 1850 to 1 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM DFT-s 256QAM	910 MHz -0.72 RB Allocation 1 1 25 50 1 1 25 50 1 1 25 50 1 1 1 25 50 1 1 1 1 1 1 1	698 RB Offset 1 50 12 0 1 50 12 0 12 0 1 12 0 12 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A 371000 1855 23.30 22.66 23.04 22.66 23.04 22.74 21.91 21.27 20.00 18.34	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23 22.72 22.80 22.89 22.44 22.83 22.08 21.50 20.01 18.30	(dBm) ency(MHz) High 381000 1905 22.93 22.12 22.56 22.67 22.70 22.23 22.65 21.88 21.32 19.87 18.15	Channel (A Low 371000 1855 22.57 21.57 21.95 21.93 22.31 21.67 22.01 21.18 20.54 19.27 17.61	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50 21.99 22.07 22.16 21.71 22.10 21.35 20.77 19.28 17.57	ency(MHz) High 381000 1905 22.20 21.39 21.83 21.94 21.97 21.97 21.50 21.92 21.15 20.59 19.14 17.42
10	5G NR B Antenna Ga EIRP Lim SCS (kHz) 15	and n2 : 1850 to 1 in (dBi) it (W) Modulation DFT -s PI/2 BPSK DFT -s QPSK DFT -s 16QAM DFT -s 256QAM DFT -s 256QAM CP QPSK	910 MHz -0.72 RB Allocation 1 1 25 50 1 1 25 50 1 1 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	698 RB Offset 1 50 12 0 1 50 12 0 1 2 0 1 1 1 1 1 1 1	Condu Channel (A Low 371000 1855 23.30 22.68 22.66 23.04 22.40 22.74 21.91 21.27 20.00 18.34 20.92	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23 22.72 22.80 22.89 22.44 22.83 22.08 21.50 20.01 18.30 21.26	(dBm) ency(MHz) High 381000 1905 22.93 22.12 22.56 22.67 22.70 22.23 22.65 21.88 21.32 19.87 18.15 21.00	Channel (A Low 371000 1855 22.57 21.57 21.95 21.93 21.67 22.01 21.67 22.01 21.18 20.54 19.27 17.61 20.19	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50 21.99 22.07 22.16 21.71 22.10 21.35 20.77 19.28 17.57 20.53	ency(MHz) High 381000 1905 22.20 21.39 21.83 21.94 21.97 21.50 21.92 21.15 20.59 19.14 17.42 20.27
10	5G NR B Antenna Ga EIRP Lim SCS (kHz) 15	and n2 : 1850 to 1 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM	910 MHz -0.72 RB Allocation 1 1 25 50 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	698 RB Offset 1 50 12 0 1 50 12 0 1 50 12 0 1 1 1 1 1 1 1 1 1 1	Condu Channel (A 371000 1855 23.30 22.30 22.66 23.04 22.40 22.74 21.91 21.27 20.00 18.34 20.92 20.20	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23 22.72 22.80 22.89 22.44 22.83 22.08 21.50 20.01 18.30 21.26 19.68	(dBm) ency(MHz) High 381000 1905 22.93 22.12 22.56 22.67 22.67 22.67 22.65 21.88 21.32 19.87 18.15 21.00 20.42	Channel (# Low 371000 1855 22.57 21.57 21.95 21.93 22.01 21.67 22.01 21.18 20.54 19.27 17.61 20.19 19.47	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50 21.99 22.07 22.16 21.71 22.10 21.35 20.77 19.28 17.57 20.53 18.95	ency(MHz) High 381000 1905 22.20 21.39 21.83 21.94 21.97 21.50 21.92 21.15 20.59 19.14 17.42 20.27 19.69
10	5G NR B Antenna Ga EIRP Lim SCS (kHz) 15	and n2 : 1850 to 1 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP 16QAM CP 16QAM	910 MHz -0.72 RB Allocation 1 1 25 50 1 1 25 50 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	698 RB Offset 1 50 12 0 1 50 12 0 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A 371000 1855 23.30 22.66 23.04 22.66 23.04 22.74 21.91 21.27 20.00 18.34 20.92 20.20 19.03	cted Average RFCH)/ Frec Mid 376000 1880 23.11 22.23 22.72 22.80 22.89 22.44 22.83 22.08 21.50 20.01 18.30 21.26 19.68 19.33	(dBm) ency(MHz) High 381000 22.93 22.12 22.56 22.67 22.70 22.23 22.65 21.88 21.32 19.87 18.15 21.00 20.42 18.26	Channel (# Low 371000 1855 22.57 21.57 21.95 21.93 22.31 21.67 22.01 21.18 20.54 19.27 17.61 20.19 19.47 18.30	EIRP (dBm) ARFCH)/ Freq Mid 376000 1880 22.38 21.50 21.99 22.07 22.16 21.71 22.10 21.35 20.77 19.28 17.57 20.53 18.95 18.60	ency(MHz) High 381000 1905 22.20 21.39 21.83 21.94 21.97 21.97 21.50 21.92 21.15 20.59 19.14 17.42 20.27 19.69 17.53

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	5G NR B	and n2 : 1850 to 1	910 MHz		Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	ain(dBi)	-0.72	2698	Channel (A	RFCH)/ Frec	jency(MHz)	Channel (A	ARFCH)/ Freq	ency(MHz)
	EIRP Lim	it (W)	2)	Low	Mid	High	Low	Mid	High
		Mashulatian	RB	RB	371500	376000	380500	371500	376000	380500
BVV (IVIHZ)	SCS (KHZ)	Modulation	Allocation	Offset	1857.5	1880	1902.5	1857.5	1880	1902.5
			1	1	23.43	23.55	23.20	22.70	22.82	22.47
			1	77	22.14	22.45	21.98	21.41	21.72	21.25
		DI T-SFI/2 DF SK	36	18	22.90	22.95	22.83	22.17	22.22	22.10
			75	0	22.54	22.73	22.46	21.81	22.00	21.73
			1	1	23.24	23.20	23.05	22.51	22.47	22.32
			1	77	22.48	22.87	22.40	21.75	22.14	21.67
		DI 1-3 QI SK	36	18	22.92	22.96	23.00	22.19	22.23	22.27
15	15		75	0	22.35	22.45	22.20	21.62	21.72	21.47
		DFT-s 16QAM	1	1	21.90	22.08	21.99	21.17	21.35	21.26
		DFT-s 64QAM	1	1	20.37	20.45	20.30	19.64	19.72	19.57
		DFT-s 256QAM	1	1	18.42	18.55	18.34	17.69	17.82	17.61
		CP QPSK	1	1	21.60	21.64	21.48	20.87	20.91	20.75
		CP 16QAM	1	1	20.26	21.15	20.28	19.53	20.42	19.55
		CP 64QAM	1	1	19.28	20.36	19.10	18.55	19.63	18.37
		CP 256QAM	1	1	16.70	16.33	16.20	15.97	15.60	15.47
	5G NR B	and n2 : 1850 to 1	910 MHz		Condu	cted Average	(dBm)		FIRP (dBm)	
						otournorago	()		2.1.1. (0.2.1.1)	
	Antenna Ga	ain(dBi)	-0.72	2698	Channel (A	RFCH)/ Frec	(ency(MHz)	Channel (A	ARFCH)/ Freq	ency(MHz)
	Antenna Ga EIRP Lim	ain(dBi) it (W)	-0.72	2698	Channel (A Low	RFCH)/ Frec	iency(MHz) High	Channel (A	ARFCH)/ Freq	ency(MHz) High
PW (MH-)	Antenna Ga EIRP Lim	iin(dBi) it (W)	-0.72 2 RB	2698 2 RB	Channel (A Low 372000	RFCH)/ Fred Mid 376000	ency(MHz) High 380000	Channel (A Low 372000	ARFCH)/ Freq Mid 376000	ency(MHz) High 380000
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	nin(dBi) it (W) Modulation	-0.72 2 RB Allocation	2698 RB Offset	Channel (A Low 372000 1860	RFCH)/ Frec Mid 376000 1880	uency(MHz) High 380000 1900	Channel (A Low 372000 1860	ARFCH)/ Freq Mid 376000 1880	ency(MHz) High 380000 1900
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	nin(dBi) it (W) Modulation	-0.72 2 RB Allocation 1	RB Offset	Channel (A Low 372000 1860 23.35	RFCH)/ Frec Mid 376000 1880 23.25	High 380000 1900 23.34	Channel (A Low 372000 1860 22.62	ARFCH)/ Freq Mid 376000 1880 22.52	ency(MHz) High 380000 1900 22.61
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	nin(dBi) it (W) Modulation	-0.72 2 RB Allocation 1 1	2698 2 RB Offset 1 104	Channel (# Low 372000 1860 23.35 22.13	RFCH)/ Frec Mid 376000 1880 23.25 22.92	ency(MHz) High 380000 1900 23.34 21.81	Channel (A Low 372000 1860 22.62 21.40	ARFCH)/ Freq Mid 376000 1880 22.52 22.19	ency(MHz) High 380000 1900 22.61 21.08
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	iin (dBi) it (W) Modulation DFT -s PI/2 BPSK	-0.72 RB Allocation 1 1 50	2698 2 RB Offset 1 104 25	Channel (A Low 372000 1860 23.35 22.13 22.95	RFCH)/ Frec Mid 376000 1880 23.25 22.92 23.03	High 380000 1900 23.34 21.81 22.97	Channel (A Low 372000 1860 22.62 21.40 22.22	ARFCH)/ Freq Mid 376000 1880 22.52 22.19 22.30	ency(MHz) High 380000 1900 22.61 21.08 22.24
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	nin(dBi) it (W) Modulation DFT-s PI/2 BPSK	-0.72 RB Allocation 1 1 50 100	2698 RB Offset 1 104 25 0	Channel (A Low 372000 1860 23.35 22.13 22.95 22.57	RFCH)/ Frec Mid 376000 1880 23.25 22.92 23.03 22.68	ency(MHz) High 380000 1900 23.34 21.81 22.97 22.60	Channel (A Low 372000 1860 22.62 21.40 22.22 21.84	ARFCH)/ Freq Mid 376000 1880 22.52 22.19 22.30 21.95	ency(MHz) High 380000 1900 22.61 21.08 22.24 21.87
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	iin (dBi) it (W) Modulation DFT-s Pl/2 BPSK	-0.72 RB Allocation 1 1 50 100 1	2698 RB Offset 1 104 25 0 1	Channel (# Low 372000 1860 23.35 22.13 22.95 22.57 23.15	RFCH)/ Frec Mid 376000 1880 23.25 22.92 23.03 22.68 23.24	High 380000 1900 23.34 21.81 22.97 22.60 23.15	Channel (# Low 372000 1860 22.62 21.40 22.22 21.84 22.42	ARFCH)/ Freq Mid 376000 1880 22.52 22.19 22.30 21.95 22.51	ency(MHz) High 380000 1900 22.61 21.08 22.24 21.87 22.42
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	iin (dBi) it (W) Modulation DFT-s PI/2 BPSK	-0.72 RB Allocation 1 1 50 100 1 0 1 1 1	2698 RB Offset 1 104 25 0 1 104	Channel (A Low 372000 1860 23.35 22.13 22.95 22.57 23.15 22.65	RFCH)/ Frec Mid 376000 1880 23.25 22.92 23.03 22.68 23.24 23.24 22.78	ency(MHz) High 380000 1900 23.34 21.81 22.97 22.60 23.15 22.50	Channel (# Low 372000 1860 22.62 21.40 22.22 21.84 22.42 21.92	ARFCH)/ Freq Mid 376000 1880 22.52 22.19 22.30 21.95 22.51 22.05	ency(MHz) High 380000 1900 22.61 21.08 22.24 21.87 22.42 21.77
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	iin (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	-0.72 RB Allocation 1 1 50 100 1 1 1 50 50	2698 RB Offset 1 104 25 0 1 104 25	Channel (# Low 372000 1860 23.35 22.13 22.95 22.57 23.15 22.65 23.19	RFCH)/ Frec Mid 376000 1880 23.25 22.92 23.03 22.68 23.24 22.78 22.95	ency(MHz) High 380000 1900 23.34 21.81 22.97 22.60 23.15 22.50 22.98	Channel (# Low 372000 1860 22.62 21.40 22.22 21.84 22.42 21.92 22.46	ARFCH)/ Freq Mid 376000 1880 22.52 22.19 22.30 21.95 22.51 22.05 22.22	ency(MHz) High 380000 22.61 21.08 22.24 21.87 22.42 21.77 22.25
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz) 15	in (dBi) it (W) Modulation DFT-s Pl/2 BPSK DFT-s QPSK	-0.72 RB Allocation 1 1 50 100 1 1 1 50 100	2698 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0	Channel (# Low 372000 1860 23.35 22.13 22.95 22.57 23.15 22.65 23.19 22.09	RFCH)/ Frec Mid 376000 1880 23.25 22.92 23.03 22.68 23.24 22.78 22.95 22.95 22.19	High 380000 1900 23.34 21.81 22.97 22.60 23.15 22.50 22.98 22.14	Channel (# Low 372000 1860 22.62 21.40 22.22 21.84 22.42 21.92 22.46 21.36	ARFCH)/ Freq Mid 376000 1880 22.52 22.19 22.30 21.95 22.51 22.05 22.22 21.46	ency(MHz) High 380000 22.61 21.08 22.24 21.87 22.42 21.77 22.25 21.41
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz) 15	iin (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM	-0.72 RB Allocation 1 1 50 100 1 1 50 1 0 1 0 1 0 1 0 0 1 0 0	2698 RB Offset 1 104 25 0 1 104 25 0 1 0 1 0 1 1 0 1	Channel (A Low 372000 1860 23.35 22.13 22.95 22.57 23.15 22.65 23.19 22.09 22.09 22.12	RFCH)/ Frec Mid 376000 1880 23.25 22.92 23.03 22.68 23.24 22.78 22.78 22.95 22.19 21.96	ency(MHz) High 380000 1900 23.34 21.81 22.97 22.60 23.15 22.50 22.98 22.14 21.86	Channel (# Low 372000 1860 22.62 21.40 22.22 21.84 22.42 21.92 22.46 21.36 21.36	ARFCH)/ Freq Mid 376000 1880 22.52 22.19 22.30 21.95 22.51 22.05 22.22 21.46 21.23	ency(MHz) High 380000 22.61 21.08 22.24 21.87 22.42 21.77 22.25 21.41 21.13
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz) 15	in (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM	-0.72 RB Allocation 1 1 50 100 1 50 100 100 1 1 1 1 1	2698 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 1 104 25 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Channel (# Low 372000 1860 23.35 22.13 22.95 22.57 23.15 22.65 23.19 22.09 22.09 22.12 20.59	RFCH)/ Frec Mid 376000 1880 23.25 22.92 23.03 22.68 23.24 22.78 22.95 22.19 21.96 20.62	ency(MHz) High 380000 1900 23.34 21.81 22.97 22.60 23.15 22.50 22.98 22.14 21.86 20.50	Channel (# Low 372000 1860 22.62 21.40 22.22 21.84 22.42 21.92 22.46 21.36 21.36 21.39 19.86	ARFCH)/ Freq Mid 376000 1880 22.52 22.19 22.30 21.95 22.05 22.25 22.22 21.46 21.23 19.89	ency(MHz) High 380000 22.61 21.08 22.24 21.87 22.42 21.77 22.25 21.41 21.13 19.77
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz) 15	in (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM DFT-s 256QAM	-0.72 RB Allocation 1 1 50 100 1 1 50 100 1 0 1 1 0 1 1 1 1	2698 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 1 1 1 1	Channel (# Low 372000 1860 23.35 22.13 22.95 22.57 23.15 22.65 23.19 22.09 22.12 20.59 18.73	RFCH)/ Frec Mid 376000 1880 23.25 22.92 23.03 22.68 23.24 22.78 22.95 22.19 21.96 20.62 18.83	High 380000 1900 23.34 21.81 22.97 22.60 23.15 22.50 22.98 22.14 21.86 20.50 18.67	Channel (# Low 372000 1860 22.62 21.40 22.22 21.84 22.42 21.92 22.46 21.36 21.36 21.39 19.86 18.00	ARFCH)/ Freq Mid 376000 1880 22.52 22.19 22.30 21.95 22.51 22.05 22.22 21.46 21.23 19.89 18.10	ency(MHz) High 380000 22.61 21.08 22.24 21.87 22.42 21.77 22.25 21.41 21.13 19.77 17.94
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz) 15	in (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM DFT-s 256QAM CP QPSK	-0.72 RB Allocation 1 1 50 100 1 1 50 100 1 0 1 1 1 1 1 1 1	2698 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 1 1 1 1 1 1	Channel (# Low 372000 1860 23.35 22.13 22.95 22.57 23.15 22.65 23.19 22.09 22.12 20.59 18.73 21.51	RFCH)/ Frec Mid 376000 1880 23.25 22.92 23.03 22.68 23.24 22.78 22.78 22.95 22.19 21.96 20.62 18.83 21.69	High 380000 1900 23.34 21.81 22.97 22.60 23.15 22.50 22.98 22.14 21.86 20.50 18.67 21.77	Channel (# Low 372000 1860 22.62 21.40 22.22 21.84 22.42 21.92 22.46 21.36 21.36 21.39 19.86 18.00 20.78	ARFCH)/ Freq Mid 376000 1880 22.52 22.19 22.30 21.95 22.21 22.05 22.22 21.46 21.23 19.89 18.10 20.96	ency(MHz) High 380000 22.61 21.08 22.24 21.87 22.42 21.77 22.25 21.41 21.13 19.77 17.94 21.04
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz) 15	in (dBi) it (W) Modulation DFT-s Pl/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK CP 16QAM	-0.72 RB Allocation 1 1 50 100 1 1 50 100 1 1 1 1 1 1 1 1 1	2698 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 1 1 1 1 1 1 1 1 1	Channel (# Low 372000 1860 23.35 22.13 22.95 22.57 23.15 22.65 23.19 22.09 22.12 20.59 18.73 21.51 21.06	RFCH)/ Frec Mid 376000 1880 23.25 22.92 23.03 22.68 23.24 22.78 22.95 22.19 21.96 20.62 18.83 21.69 21.19	High 380000 1900 23.34 21.81 22.97 22.60 23.15 22.50 22.98 22.14 21.86 20.50 18.67 21.77 20.94	Channel (# Low 372000 1860 22.62 21.40 22.22 21.84 22.42 21.92 22.46 21.36 21.36 21.39 19.86 18.00 20.78 20.33	ARFCH)/ Freq Mid 376000 1880 22.52 22.19 22.30 21.95 22.21 22.05 22.22 21.46 21.23 19.89 18.10 20.96 20.46	ency(MHz) High 380000 22.61 21.08 22.24 21.87 22.42 21.77 22.25 21.41 21.13 19.77 17.94 21.04 20.21
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz) 15	in (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK CP 16QAM CP 64QAM	-0.72 RB Allocation 1 1 50 100 1 1 50 100 1 1 1 1 1 1 1 1 1	2698 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Channel (# Low 372000 1860 23.35 22.13 22.95 22.57 23.15 22.65 23.19 22.09 22.12 20.59 18.73 21.51 21.06 19.50	RFCH)/ Frec Mid 376000 1880 23.25 22.92 23.03 22.68 23.24 22.78 22.78 22.95 22.19 21.96 20.62 18.83 21.69 21.19 19.60	High 380000 1900 23.34 21.81 22.97 22.60 23.15 22.50 22.98 22.14 21.86 20.50 18.67 21.77 20.94 19.52	Channel (# Low 372000 1860 22.62 21.40 22.22 21.84 22.42 21.92 22.46 21.36 21.36 21.39 19.86 18.00 20.78 20.33 18.77	ARFCH)/ Freq Mid 376000 1880 22.52 22.19 22.30 21.95 22.51 22.05 22.22 21.46 21.23 19.89 18.10 20.96 20.46 18.87	ency(MHz) High 380000 22.61 21.08 22.24 21.87 22.42 21.77 22.25 21.41 21.13 19.77 17.94 20.21 18.79

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	5G NR	Band n5 : 824 to 8	49 MHz		Condu	cted Average	(dBm)		ERP (dBm)	
	Antenna Ga	ain(dBi)	-2.41	266	Channel (A	RFCH)/Frec	jency(MHz)	Channel (A	ARFCH)/ Freq	jency(MHz)
	ERP Lim	it (W)	7	1	Low	Mid	High	Low	Mid	High
		Mashalatian	RB	RB	165300	167300	169300	165300	167300	169300
BVV (IVIHZ)	SUS (KHZ)	Modulation	Allocation	Offset	826.5	836.5	846.5	826.5	836.5	846.5
			1	1	23.18	23.01	22.93	18.62	18.45	18.37
			1	23	22.56	22.37	22.23	18.00	17.81	17.67
		DEL-2 ENZ DESK	12	6	22.92	22.60	22.53	18.36	18.04	17.97
			25	0	22.56	22.25	22.16	18.00	17.69	17.60
			1	1	23.09	22.99	22.90	18.53	18.43	18.34
		DFT-s OPSK	1	23	22.60	22.43	23.39	18.04	17.87	18.83
		DITSCISE	12	6	22.74	22.53	22.40	18.18	17.97	17.84
5	15		25	0	22.05	22.00	21.90	17.49	17.44	17.34
		DFT-s 16QAM	1	23	21.80	21.71	21.35	17.24	17.15	16.79
		DFT-s 64QAM	1	23	20.73	20.41	20.18	16.17	15.85	15.62
		DFT-s 256QAM	1	23	18.33	18.36	18.17	13.77	13.80	13.61
		CP QPSK	1	23	21.20	21.22	21.05	16.64	16.66	16.49
		CP 16QAM	1	23	21.02	20.61	20.54	16.46	16.05	15.98
		CP 64QAM	1	23	19.50	19.53	19.53	14.94	14.97	14.97
		CP 256QAM	1	23	16.62	16.54	16.42	12.06	11.98	11.86
	5G NR	Band n5 : 824 to 8	49 MHz		Condu	cted Average	(dBm)		ERP (dBm)	
	5G NR Antenna Ga	Band n5 : 824 to 8 ain(dBi)	49 MHz -2.41	266	Condu Channel (A	cted Average RFCH)/ Frec	(dBm) jency(MHz)	Channel (A	ERP (dBm) ARFCH)/ Freq	jency(MHz)
	5G NR Antenna Ga ERP Lim	Band n5 : 824 to 8 ain(dBi) it (W)	49 MHz -2.41 7	266	Condu Channel (A Low	cted Average RFCH)/ Frec Mid	(dBm) Jency(MHz) High	Channel (A	ERP (dBm) ARFCH)/ Freq Mid	jency(MHz) High
BW (MHz)	5G NR Antenna Ga ERP Lim	Band n5 : 824 to 8 ain(dBi) it (W)	49 MHz -2.41 7 RB	266 7 RB	Condu Channel (A Low 165800	cted Average RFCH)/ Frec Mid 167300	(dBm) Jency(MHz) High 168800	Channel (A Low 165800	ERP (dBm) ARFCH)/ Freq Mid 167300	lency(MHz) High 168800
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation	49 MHz -2.41 7 RB Allocation	266 7 RB Offset	Condu Channel (# Low 165800 829	cted Average RFCH)/ Frec Mid 167300 836.5	(dBm) jency(MHz) High 168800 844	Channel (<i>I</i> Low 165800 829	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5	ency(MHz) High 168800 844
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation	49 MHz -2.41 7 RB Allocation 1	266 RB Offset 1	Condu Channel (A Low 165800 829 23.06	cted Average RFCH)/ Frec Mid 167300 836.5 23.11	(dBm) ency(MHz) High 168800 844 22.75	Channel (A Low 165800 829 18.50	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55	ency(MHz) High 168800 844 18.19
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation	49 MHz -2.41 7 RB Allocation 1 1	266 RB Offset 1 50	Condu Channel (A Low 165800 829 23.06 22.32	cted Average RFCH)/ Frec Mid 167300 836.5 23.11 22.14	(dBm) ency(MHz) High 168800 844 222.75 22.10	Channel (A Low 165800 829 18.50 17.76	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58	ency(MHz) High 168800 844 18.19 17.54
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	49 MHz -2.41 7 RB Allocation 1 1 25	266 RB Offset 1 50 12	Condu Channel (A Low 165800 829 23.06 22.32 22.88	cted Average RFCH)/ Frec Mid 167300 836.5 23.11 22.14 22.77	(dBm) ency(MHz) High 168800 844 22.75 22.10 22.58	Channel (A Low 165800 829 18.50 17.76 18.32	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58 18.21	ency(MHz) High 168800 844 18.19 17.54 18.02
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT -s PI/2 BPSK	49 MHz -2.41 7 RB Allocation 1 1 1 25 50	266 RB Offset 1 50 12 0	Condu Channel (A Low 165800 829 23.06 22.32 22.88 22.88	cted Average RFCH)/ Frec Mid 167300 836.5 23.11 22.14 22.77 22.78	(dBm) ency(MHz) High 168800 844 22.75 22.10 22.58 22.66	Channel (A Low 165800 829 18.50 17.76 18.32 18.30	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58 18.21 18.22	ency(MHz) High 168800 844 18.19 17.54 18.02 18.10
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	49 MHz -2.41 7 RB Allocation 1 1 25 50 1	266 RB Offset 1 50 12 0 1	Condu Channel (A Low 165800 829 23.06 22.32 22.88 22.86 22.97	cted Average RFCH)/ Frec Mid 167300 836.5 23.11 22.14 22.77 22.78 22.96	(dBm) ency(MHz) High 168800 844 22.75 22.10 22.58 22.66 22.73	Channel (A Low 165800 829 18.50 17.76 18.32 18.30 18.41	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58 18.21 18.22 18.40	High 168800 844 18.19 17.54 18.02 18.10 18.17
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s Pl/2 BPSK	49 MHz -2.41 7 RB Allocation 1 1 25 50 1 1 1	266 RB Offset 1 50 12 0 1 50	Condu Channel (A Low 165800 829 23.06 22.32 22.88 22.88 22.86 22.97 22.49	Cted Average RFCH)/ Free Mid 167300 836.5 23.11 22.14 22.77 22.78 22.96 22.26	(dBm) ency(MHz) High 168800 844 22.75 22.10 22.58 22.66 22.73 22.25	Channel (A Low 165800 829 18.50 17.76 18.32 18.30 18.41 17.93	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58 18.21 18.22 18.40 17.70	ency(MHz) High 168800 844 18.19 17.54 18.02 18.10 18.17 17.69
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	49 MHz -2.41 7 RB Allocation 1 1 25 50 1 1 1 25	266 RB Offset 1 50 12 0 1 50 1 20 1 2 0 1 20 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 0 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 165800 829 23.06 22.32 22.88 22.86 22.97 22.49 22.90	Cted Average RFCH)/ Free Mid 167300 836.5 23.11 22.14 22.77 22.78 22.96 22.26 22.60	(dBm) ency(MHz) High 168800 844 22.75 22.10 22.58 22.66 22.73 22.25 22.66	Channel (A Low 165800 829 18.50 17.76 18.32 18.30 18.41 17.93 18.34	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58 18.21 18.22 18.40 17.70 18.04	ency(MHz) High 168800 844 18.19 17.54 18.02 18.10 18.17 17.69 18.10
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	49 MHz -2.41 RB Allocation 1 1 25 50 1 1 1 25 50 50 50	266 RB Offset 1 50 12 0 1 50 12 0 12 0 12 0 12 0 12 0 12 0 12 0 12 0 12 0 12 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	Condu Channel (A Low 165800 829 23.06 22.32 22.88 22.86 22.97 22.49 22.90 22.18	Cted Average RFCH)/ Frec Mid 167300 836.5 23.11 22.14 22.77 22.78 22.96 22.26 22.60 21.73	(dBm) ency(MHz) High 168800 844 22.75 22.10 22.58 22.66 22.73 22.25 22.66 21.80	Channel (# Low 165800 829 18.50 17.76 18.32 18.30 18.41 17.93 18.34 17.62	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58 18.21 18.22 18.40 17.70 18.04 17.17	High 168800 844 18.19 17.54 18.02 18.10 18.17 17.69 18.10 18.10 17.24
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz) 15	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM	49 MHz -2.41 7 RB Allocation 1 1 25 50 1 1 25 50 1 1 25 50 1 1	266 RB Offset 1 50 12 0 1 50 12 0 12 0 12 0 12 0 12 0 12 0 12 0 12 0 12 0 12 0 12 0 1 12 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 165800 829 23.06 22.32 22.88 22.86 22.97 22.49 22.90 22.18 21.45	cted Average RFCH)/ Frec Mid 167300 836.5 23.11 22.14 22.77 22.78 22.96 22.26 22.60 21.73 21.65	(dBm) ency(MHz) High 168800 844 22.75 22.10 22.58 22.66 22.73 22.25 22.66 21.80 21.18	Channel (A Low 165800 829 18.50 17.76 18.32 18.30 18.41 17.93 18.34 17.62 16.89	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58 18.21 18.22 18.40 17.70 18.04 17.17 17.09	ency(MHz) High 168800 844 18.19 17.54 18.02 18.10 18.17 17.69 18.10 17.24 16.62
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM	49 MHz -2.41 7 RB Allocation 1 1 25 50 1 1 25 50 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1	266 RB Offset 1 50 12 0 1 50 1 50 12 0 1 50 12 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 165800 829 23.06 22.32 22.88 22.86 22.97 22.49 22.90 22.18 21.45 20.45	cted Average RFCH)/ Frec Mid 167300 836.5 23.11 22.14 22.77 22.78 22.96 22.26 22.60 21.73 21.65 19.97	(dBm) ency(MHz) High 168800 844 22.75 22.10 22.58 22.66 22.73 22.25 22.66 21.80 21.18 20.23	Channel (A Low 165800 829 18.50 17.76 18.32 18.30 18.41 17.93 18.34 17.62 16.89 15.89	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58 18.21 18.22 18.40 17.70 18.04 17.17 17.09 15.41	ency(MHz) High 168800 844 18.19 17.54 18.02 18.10 18.17 17.69 18.10 17.24 16.62 15.67
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz) 15	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM DFT-s 256QAM	49 MHz -2.41 7 RB Allocation 1 1 25 50 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 1 25 50 1 1 1 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1	266 RB Offset 1 50 12 0 1 50 12 0 12 0 1 1 1 1 1 1	Condu Channel (A Low 165800 829 23.06 22.32 22.88 22.86 22.97 22.49 22.90 22.18 21.45 20.45 18.53	cted Average RFCH)/ Frec Mid 167300 836.5 23.11 22.14 22.77 22.78 22.96 22.26 22.26 22.60 21.73 21.65 19.97 18.25	(dBm) ency(MHz) High 168800 844 22.75 22.10 22.58 22.66 22.73 22.25 22.66 21.80 21.18 20.23 18.28	Channel (A Low 165800 829 18.50 17.76 18.32 18.30 18.41 17.93 18.34 17.62 16.89 15.89 13.97	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58 18.21 18.22 18.40 17.70 18.04 17.17 17.09 15.41 13.69	ency(MHz) High 168800 844 18.19 17.54 18.02 18.10 18.17 17.69 18.10 17.24 16.62 15.67 13.72
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz) 15	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM DFT-s 256QAM CP QPSK	49 MHz -2.41 7 RB Allocation 1 1 25 50 1 1 25 50 1 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1	266 RB Offset 1 50 12 0 1 50 12 0 1 50 12 0 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 165800 829 23.06 22.32 22.88 22.86 22.97 22.49 22.90 22.18 21.45 20.45 18.53 21.44	cted Average RFCH)/ Frec Mid 167300 836.5 23.11 22.14 22.77 22.78 22.96 22.26 22.60 21.73 21.65 19.97 18.25 21.23	(dBm) ency(MHz) High 168800 844 22.75 22.10 22.58 22.66 22.73 22.25 22.66 21.80 21.18 20.23 18.28 21.02	Channel (A Low 165800 829 18.50 17.76 18.32 18.30 18.41 17.93 18.34 17.62 16.89 15.89 13.97 16.88	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58 18.21 18.22 18.40 17.70 18.04 17.70 15.41 13.69 16.67	ency(MHz) High 168800 844 18.19 17.54 18.02 18.10 18.17 17.69 18.10 17.24 16.62 15.67 13.72 16.46
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz) 15	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK CP 16QAM	49 MHz -2.41 7 RB Allocation 1 1 25 50 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1	266 RB Offset 1 50 12 0 1 50 12 0 1 50 12 0 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 165800 829 23.06 22.32 22.88 22.86 22.97 22.49 22.90 22.18 21.45 20.45 18.53 21.44 20.20	cted Average RFCH)/ Frec Mid 167300 836.5 23.11 22.14 22.77 22.78 22.96 22.26 22.60 21.73 21.65 19.97 18.25 21.23 20.31	(dBm) ency(MHz) High 168800 844 22.75 22.10 22.58 22.66 22.73 22.25 22.66 21.80 21.18 20.23 18.28 21.02 20.54	Channel (A Low 165800 829 18.50 17.76 18.32 18.30 18.41 17.93 18.34 17.62 16.89 15.89 13.97 16.88 15.64	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58 18.21 18.22 18.40 17.70 18.04 17.77 17.09 15.41 13.69 16.67 15.75	ency(MHz) High 168800 844 18.19 17.54 18.02 18.10 18.17 17.69 18.10 17.24 16.62 15.67 13.72 16.46 15.98
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz) 15	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK CP 16QAM CP 64QAM	49 MHz -2.41 7 RB Allocation 1 1 25 50 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1	266 RB Offset 1 50 12 0 12 0 1 50 12 0 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 165800 829 23.06 22.32 22.88 22.86 22.97 22.49 22.90 22.18 21.45 20.45 18.53 21.44 20.20 19.79	cted Average RFCH)/ Frec Mid 167300 836.5 23.11 22.14 22.77 22.78 22.96 22.26 22.26 22.60 21.73 21.65 19.97 18.25 21.23 20.31 19.32	(dBm) ency(MHz) High 168800 844 22.75 22.10 22.58 22.66 22.73 22.25 22.66 21.80 21.18 20.23 18.28 21.02 20.54 19.80	Channel (A Low 165800 829 18.50 17.76 18.32 18.30 18.41 17.93 18.34 17.62 16.89 15.89 13.97 13.97 16.88 15.64 15.23	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.55 17.58 18.21 18.22 18.40 17.70 18.04 17.70 15.41 13.69 16.67 15.75 14.76	ency(MHz) High 168800 844 18.19 17.54 18.02 18.10 18.17 17.69 18.10 17.24 16.62 15.67 13.72 16.46 15.98 15.24

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	5G NR	Band n5 : 824 to 8	49 MHz		Condu	cted Average	(dBm)		ERP (dBm)	
	Antenna Ga	ain(dBi)	-2.41	266	Channel (A	RFCH)/Frec	jency(MHz)	Channel (A	ARFCH)/ Freq	ency(MHz)
	ERP Lim	it (W)	7	,	Low	Mid	High	Low	Mid	High
			RB	RB	166300	167300	168300	166300	167300	168300
BW (MHZ)	SCS (KHZ)	Modulation	Allocation	Offset	831.5	836.5	841.5	831.5	836.5	841.5
			1	1	23.46	23.42	23.30	18.90	18.86	18.74
			1	77	22.25	22.08	21.98	17.69	17.52	17.42
		DE I -S PI/2 DESK	36	18	23.19	23.10	23.00	18.63	18.54	18.44
			75	0	22.56	22.48	22.38	18.00	17.92	17.82
			1	1	23.40	23.31	23.22	18.84	18.75	18.66
		DFT-s OPSK	1	77	22.60	22.48	22.37	18.04	17.92	17.81
		DIT 5 GI SK	36	18	23.05	23.08	22.92	18.49	18.52	18.36
15	15		75	0	22.33	22.33	22.22	17.77	17.77	17.66
		DFT-s 16QAM	1	1	22.14	22.13	21.95	17.58	17.57	17.39
		DFT-s 64QAM	1	1	20.48	20.36	20.28	15.92	15.80	15.72
		DFT-s 256QAM	1	1	18.64	18.58	18.56	14.08	14.02	14.00
		CP QPSK	1	1	21.33	21.81	21.65	16.77	17.25	17.09
		CP 16QAM	1	1	20.13	20.54	20.55	15.57	15.98	15.99
		CP 64QAM	1	1	19.21	19.72	19.03	14.65	15.16	14.47
		CP 256QAM	1	1	16.89	16.31	16.86	12.33	11.75	12.30
	5G NR	Band n5 : 824 to 8	49 MHz		Condu	cted Average	(dBm)		ERP (dBm)	
	5G NR Antenna Ga	Band n5 : 824 to 8 ain(dBi)	49 MHz -2.41	266	Condu Channel (A	cted Average NRFCH)/ Frec	(dBm) Jency(MHz)	Channel (A	ERP (dBm) ARFCH)/ Freq	jency(MHz)
	5G NR Antenna Ga ERP Lim	Band n5 : 824 to 8 ain(dBi) it (W)	49 MHz -2.41 7	266	Condu Channel (A Low	cted Average RFCH)/ Frec Mid	(dBm) Jency(MHz) High	Channel (A	ERP (dBm) ARFCH)/ Freq Mid	ency(MHz) High
D)// (/// L-)	5G NR Antenna Ga ERP Lim	Band n5 : 824 to 8 ain(dBi) it (W)	49 MHz -2.41 7 RB	266 	Condu Channel (A Low 166800	cted Average RFCH)/ Frec Mid 167300	(dBm) jency(MHz) High 167800	Channel (A Low 166800	ERP (dBm) ARFCH)/ Freq Mid 167300	ency(MHz) High 167800
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation	49 MHz -2.41 7 RB Allocation	266 RB Offset	Condu Channel (# Low 166800 834	cted Average RFCH)/ Frec Mid 167300 836.5	(dBm) ency(MHz) High 167800 839	Channel (A Low 166800 834	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5	ency(MHz) High 167800 839
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation	49 MHz -2.41 7 RB Allocation 1	266 RB Offset 1	Condu Channel (A Low 166800 834 23.27	cted Average RFCH)/ Frec Mid 167300 836.5 23.22	(dBm) ency(MHz) High 167800 839 23.18	Channel (A Low 166800 834 18.71	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66	ency(MHz) High 167800 839 18.62
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation	49 MHz -2.41 7 RB Allocation 1 1	266 RB Offset 1 104	Condu Channel (A Low 166800 834 23.27 22.75	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66	(dBm) ency(MHz) High 167800 839 23.18 22.64	Channel (A Low 166800 834 18.71 18.19	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10	ency(MHz) High 167800 839 18.62 18.08
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	49 MHz -2.41 7 RB Allocation 1 1 50	266 RB Offset 1 104 25	Condu Channel (A Low 166800 834 23.27 22.75 23.26	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66 23.17	(dBm) ency(MHz) High 167800 839 23.18 22.64 22.90	Channel (<i>J</i> Low 166800 834 18.71 18.19 18.70	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10 18.61	High 167800 839 18.62 18.08 18.34
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	49 MHz -2.41 7 RB Allocation 1 1 50 100	266 RB Offset 1 104 25 0	Condu Channel (A Low 166800 834 23.27 22.75 23.26 23.26 22.67	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66 23.17 22.62	(dBm) ency(MHz) High 167800 839 23.18 22.64 22.90 22.58	Channel (<i>k</i> Low 166800 834 18.71 18.19 18.70 18.11	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10 18.61 18.06	ency(MHz) High 167800 839 18.62 18.08 18.34 18.02
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	49 MHz -2.41 7 RB Allocation 1 1 50 100 1	266 RB Offset 1 104 25 0 1	Condu Channel (A Low 166800 834 23.27 22.75 23.26 22.67 22.67 23.36	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66 23.17 22.62 23.28	(dBm) ency(MHz) High 167800 839 23.18 22.64 22.90 22.58 23.12	Channel (A Low 166800 834 18.71 18.19 18.70 18.11 18.80	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10 18.61 18.06 18.72	ency(MHz) High 167800 839 18.62 18.08 18.34 18.02 18.56
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	49 MHz -2.41 7 RB Allocation 1 1 50 100 1 00 1 1	266 RB Offset 1 104 25 0 1 104	Condu Channel (A Low 166800 834 23.27 22.75 23.26 22.67 23.36 22.74	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66 23.17 22.62 23.28 23.28 22.69	(dBm) ency(MHz) High 167800 839 23.18 22.64 22.90 22.58 23.12 22.73	Channel (<i>J</i> Low 166800 834 18.71 18.19 18.70 18.11 18.80 18.18	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10 18.61 18.61 18.06 18.72 18.13	ency(MHz) High 167800 839 18.62 18.08 18.34 18.34 18.02 18.56 18.17
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	49 MHz -2.41 7 RB Allocation 1 1 50 100 1 1 1 50 50	266 RB Offset 1 104 25 0 1 104 25	Condu Channel (A Low 166800 834 23.27 22.75 23.26 22.67 23.26 22.74 22.74 23.18	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66 23.17 22.62 23.28 22.69 23.11	(dBm) ency(MHz) High 167800 839 23.18 22.64 22.90 22.58 23.12 22.73 23.15	Channel (A Low 166800 834 18.71 18.19 18.70 18.11 18.80 18.18 18.62	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10 18.61 18.06 18.72 18.13 18.55	ency(MHz) High 167800 839 18.62 18.08 18.34 18.02 18.56 18.17 18.59
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz)	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	49 MHz -2.41 RB Allocation 1 1 50 100 1 1 50 100	266 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 0 1 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	Condu Channel (A Low 166800 834 23.27 22.75 23.26 22.67 23.26 22.67 23.36 22.74 23.18 22.15	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66 23.17 22.62 23.28 22.69 23.11 22.09	(dBm) ency(MHz) High 167800 839 23.18 22.64 22.90 22.58 23.12 22.73 23.15 22.08	Channel (A Low 166800 834 18.71 18.19 18.70 18.11 18.80 18.18 18.62 17.59	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10 18.61 18.06 18.72 18.13 18.55 17.53	ency(MHz) High 167800 839 18.62 18.08 18.34 18.02 18.56 18.17 18.59 17.52
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz) 15	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM	49 MHz -2.41 7 RB Allocation 1 1 50 100 1 50 100 1 1 50 100 1 1 1 1 1 1 1 1 1 1 1 1 1	266 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 1 104 25 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 166800 834 23.27 22.75 23.26 22.67 23.26 22.74 23.18 22.15 21.98	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66 23.17 22.62 23.28 22.69 23.11 22.09 21.96	(dBm) ency(MHz) High 167800 839 23.18 22.64 22.90 22.58 23.12 22.73 23.15 22.08 22.22	Channel (# Low 166800 834 18.71 18.19 18.70 18.11 18.80 18.18 18.62 17.59 17.42	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10 18.61 18.06 18.72 18.13 18.55 17.53 17.40	ency(MHz) High 167800 839 18.62 18.08 18.34 18.02 18.56 18.17 18.59 17.52 17.66
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz) 15	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM	49 MHz -2.41 RB Allocation 1 1 50 100 1 1 50 100 1 00 1 1 00 1 1 1 1	266 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 1 104 25 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 166800 834 23.27 22.75 23.26 22.67 23.36 22.74 23.18 22.15 21.98 20.60	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66 23.17 22.62 23.28 22.69 23.11 22.09 23.11 22.09 21.96 20.54	(dBm) ency(MHz) High 167800 839 23.18 22.64 22.90 22.58 23.12 22.73 23.15 22.08 22.22 20.44	Channel (A Low 166800 834 18.71 18.70 18.11 18.70 18.11 18.80 18.18 18.62 17.59 17.42 16.04	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10 18.61 18.06 18.72 18.13 18.55 17.53 17.40 15.98	ency(MHz) High 167800 839 18.62 18.08 18.34 18.02 18.56 18.17 18.59 17.52 17.66 15.88
BW (MHz)	5G NR Antenna Ga ERP Lim SCS (kHz) 15	Band n5 : 824 to 8 ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM DFT-s 256QAM	49 MHz -2.41 7 RB Allocation 1 1 50 100 1 1 50 100 1 1 1 1 1 1 1 1 1 1 1 1 1	266 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 1 104 25 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 166800 834 23.27 22.75 23.26 22.67 23.36 22.74 23.18 22.15 21.98 20.60 18.87	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66 23.17 22.62 23.28 22.69 23.11 22.09 23.11 22.09 21.96 20.54 18.81	(dBm) ency(MHz) High 167800 839 23.18 22.64 22.90 22.58 23.12 22.73 23.15 22.08 22.20 22.22 20.44 18.66	Channel (/ Low 166800 834 18.71 18.70 18.70 18.70 18.11 18.80 18.18 18.62 17.59 17.42 16.04 14.31	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10 18.61 18.61 18.61 18.72 18.13 18.55 17.53 17.53 17.40 15.98 14.25	ency(MHz) High 167800 839 18.62 18.08 18.34 18.02 18.56 18.17 18.59 17.52 17.66 15.88 14.10
20	5G NR Antenna Ga ERP Lim SCS (kHz) 15	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM DFT-s 256QAM CP QPSK	49 MHz -2.41 7 RB Allocation 1 1 50 100 1 1 50 100 1 1 1 1 1 1 1 1 1 1 1 1 1	266 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 166800 834 23.27 22.75 23.26 22.67 23.26 22.74 23.18 22.15 21.98 20.60 18.87 21.53	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66 23.17 22.62 23.28 22.69 23.11 22.09 21.96 20.54 18.81 22.03	(dBm) ency(MHz) High 167800 839 23.18 22.64 22.90 22.58 23.12 22.73 23.15 22.08 22.22 20.44 18.66 21.80	Channel (# Low 166800 834 18.71 18.70 18.70 18.11 18.80 18.18 18.62 17.59 17.42 16.04 14.31 16.97	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10 18.61 18.06 18.72 18.13 18.55 17.53 17.40 15.98 14.25 17.47	ency(MHz) High 167800 839 18.62 18.08 18.34 18.02 18.56 18.17 18.59 17.52 17.66 15.88 14.10 17.24
20	5G NR Antenna Ga ERP Lim SCS (kHz) 15	Band n5 : 824 to 8 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM DFT-s 256QAM CP QPSK CP 16QAM	49 MHz -2.41 RB Allocation 1 1 50 100 1 1 50 100 1 1 1 1 1 1 1 1 1 1 1 1 1	266 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 166800 834 23.27 22.75 23.26 22.67 23.36 22.74 23.18 22.74 23.18 22.15 21.98 20.60 18.87 21.53 20.90	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66 23.17 22.62 23.28 22.69 23.11 22.09 21.96 20.54 18.81 22.03 20.91	(dBm) ency(MHz) High 167800 839 23.18 22.64 22.90 22.58 23.12 22.73 23.15 22.08 22.22 20.44 18.66 21.80 20.57	Channel (A Low 166800 834 18.71 18.70 18.70 18.11 18.80 18.18 18.62 17.59 17.42 16.04 14.31 16.97 16.34	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10 18.61 18.06 18.72 18.13 18.55 17.53 17.40 15.98 14.25 17.47 16.35	ency(MHz) High 167800 839 18.62 18.08 18.34 18.02 18.56 18.17 18.59 17.52 17.66 15.88 14.10 17.24 16.01
20	5G NR Antenna Ga ERP Lim SCS (kHz) 15	Band n5 : 824 to 8 ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK CP 16QAM CP 64QAM	49 MHz -2.41 RB Allocation 1 1 50 100 1 1 50 100 1 1 1 1 1 1 1 1 1 1 1 1 1	266 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 166800 834 23.27 22.75 23.26 22.67 23.36 22.74 23.18 22.74 23.18 22.15 21.98 20.60 18.87 21.53 20.90 19.43	cted Average RFCH)/ Frec Mid 167300 836.5 23.22 22.66 23.17 22.62 23.28 22.69 23.11 22.09 21.96 20.54 18.81 22.03 20.91 19.85	(dBm) ency(MHz) High 167800 839 23.18 22.64 22.90 22.58 23.12 22.73 23.15 22.08 22.22 20.44 18.66 21.80 20.57 19.53	Channel (A Low 166800 834 18.71 18.19 18.70 18.11 18.80 18.18 18.62 17.59 17.42 16.04 14.31 16.97 16.34 14.87	ERP (dBm) ARFCH)/ Freq Mid 167300 836.5 18.66 18.10 18.61 18.06 18.72 18.72 18.13 18.55 17.53 17.53 17.40 15.98 14.25 17.47 16.35 15.29	ency(MHz) High 167800 839 18.62 18.08 18.34 18.02 18.56 18.17 18.59 17.52 17.66 15.88 14.10 17.24 16.01 14.97

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5G NR Band n66 : 1710 to 1780 MHz					Condu	cted Average	(dBm)	EIRP (dBm)		
Antenna Gain(dBi)			-1.39889		Channel (ARFCH)/ Freqency(MHz)			Channel (ARFCH)/ Freqency(MHz)		
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
		Modulation	RB	RB	342500	349000	355500	342500	349000	355500
		WOUUIAUUT	Allocation	Offset	1712.5	1745	1777.5	1712.5	1745	1777.5
			1	1	21.90	21.96	22.22	20.50	20.56	20.82
		DFT-s PI/2 BPSK	1	23	21.44	21.50	21.48	20.04	20.10	20.08
			12	6	21.40	21.55	21.48	20.00	20.15	20.08
			25	0	21.45	21.56	21.38	20.05	20.16	19.98
			1	1	22.18	22.35	22.21	20.78	20.95	20.81
		DET-s OPSK	1	23	21.58	21.64	21.60	20.18	20.24	20.20
			12	6	21.52	21.60	21.57	20.12	20.20	20.17
5	15		25	0	21.10	21.23	21.21	19.70	19.83	19.81
		DFT-s 16QAM	1	1	20.18	20.18	20.19	18.78	18.78	18.79
		DFT-s 64QAM	1	1	18.81	18.95	19.25	17.41	17.55	17.85
		DFT-s 256QAM	1	1	17.08	17.20	17.29	15.68	15.80	15.89
		CP QPSK	1	1	20.37	20.38	20.40	18.97	18.98	19.00
		CP 16QAM	1	1	19.08	19.13	19.47	17.68	17.73	18.07
		CP 64QAM	1	1	18.05	17.82	19.15	16.65	16.42	17.75
		CP 256QAM	1	1	15.33	15.66	15.47	13.93	14.26	14.07
	5G NR B	and $n66 \cdot 1710$ to $^{\circ}$	1780 MHz		Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)					Condu	cieu Average	(ubiii)		EIRP (aBm)	
	Antenna Ga	ain(dBi)	-1.39	889	Channel (A	RFCH)/ Frec	(abiii) jency(MHz)	Channel (A	ARFCH)/ Freq	jency(MHz)
	Antenna Ga	ain(dBi) it (W)	-1.39	9889	Channel (A	RFCH)/ Frec	(dBIII) Jency(MHz) High	Channel (A	ARFCH)/ Freq	ency(MHz) High
RW (MHz)	Antenna Ga EIRP Lim	ain(dBi) iit (W)	-1.39 1 RB	2889 RB	Channel (A Low 343000	RFCH)/ Frec Mid 349000	(dBIII) jency(MHz) High 355000	Channel (A Low 343000	ARFCH)/ Freq Mid 349000	ency(MHz) High 355000
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	ain(dBi) it (W) Modulation	-1.39 1 RB Allocation	RB Offset	Channel (# Low 343000 1715	RFCH)/ Frec Mid 349000 1745	(dBIII) ency(MHz) High 355000 1775	Channel (A Low 343000 1715	ARFCH)/ Freq Mid 349000 1745	ency(MHz) High 355000 1775
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	ain(dBi) iit (W) Modulation	-1.39 -1.39 RB Allocation 1	RB Offset 1	Channel (# Low 343000 1715 22.20	RFCH)/ Frec Mid 349000 1745 22.00	(dBH) jency(MHz) High 355000 1775 22.23	Channel (<i>A</i> Low 343000 1715 20.80	ARFCH)/ Freq Mid 349000 1745 20.60	ency(MHz) High 355000 1775 20.83
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	ain(dBi) iit (W) Modulation	-1.39 -1.39 RB Allocation 1 1	RB Offset 1 50	Channel (# Low 343000 1715 22.20 21.40	RFCH)/ Frec Mid 349000 1745 22.00 21.46	(dBin) ency(MHz) High 355000 1775 22.23 21.44	Channel (A Low 343000 1715 20.80 20.00	ARFCH)/ Freq Mid 349000 1745 20.60 20.06	High 355000 1775 20.83 20.04
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	ain (dBi) iit (W) Modulation DFT-s PI/2 BPSK	-1.39 -1.39 RB Allocation 1 1 25	RB Offset 1 50 12	Channel (# Low 343000 1715 22.20 21.40 21.61	RFCH)/ Frec Mid 349000 1745 22.00 21.46 21.68	(dBin) ency(MHz) High 355000 1775 22.23 21.44 21.66	Channel (A Low 343000 1715 20.80 20.00 20.21	ARFCH)/ Freq Mid 349000 1745 20.60 20.06 20.28	High 355000 1775 20.83 20.04 20.26
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	ain (dBi) iit (W) Modulation DFT-s Pl/2 BPSK	-1.39 -1.39 RB Allocation 1 1 25 50	RB Offset 1 50 12 0	Channel (# Low 343000 1715 22.20 21.40 21.61 21.69	RFCH)/ Frec Mid 349000 1745 22.00 21.46 21.68 21.64	(dBH) ency(MHz) High 355000 1775 22.23 21.44 21.66 21.68	Channel (<i>J</i> Low 343000 1715 20.80 20.00 20.21 20.29	ARFCH)/ Freq Mid 349000 1745 20.60 20.06 20.28 20.24	ency(MHz) High 355000 1775 20.83 20.04 20.26 20.28
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	ain (dBi) iit (W) Modulation DFT-s PI/2 BPSK	-1.39 -1.39 RB Allocation 1 1 25 50 1	RB Offset 1 50 12 0 1	Channel (# Low 343000 1715 22.20 21.40 21.61 21.69 22.05	RFCH)/ Frec Mid 349000 1745 22.00 21.46 21.68 21.64 22.05	(dBin) ency(MHz) High 355000 1775 22.23 21.44 21.66 21.68 22.05	Channel (A Low 343000 1715 20.80 20.00 20.21 20.29 20.65	ARFCH)/ Freq Mid 349000 1745 20.60 20.06 20.28 20.24 20.24 20.65	High 355000 1775 20.83 20.04 20.26 20.28 20.65
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and not : 1710 to ain(dBi) iit (W) Modulation DFT-s PI/2 BPSK	-1.39 -1.39 RB Allocation 1 1 25 50 1 1 1	RB Offset 1 50 12 0 1 50	Channel (# Low 343000 1715 22.20 21.40 21.61 21.69 22.05 21.74	RFCH)/ Frec Mid 349000 1745 22.00 21.46 21.68 21.64 22.05 21.75	(dBin) ency(MHz) High 355000 1775 22.23 21.44 21.66 21.68 22.05 21.75	Channel (<i>J</i> Low 343000 1715 20.80 20.00 20.21 20.29 20.65 20.34	ARFCH)/ Freq Mid 349000 1745 20.60 20.06 20.28 20.24 20.65 20.35	ency(MHz) High 355000 1775 20.83 20.04 20.26 20.28 20.65 20.35
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	ain (dBi) iit (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	-1.39 -1.39 RB Allocation 1 1 25 50 1 1 1 25	RB Offset 1 50 12 0 1 50 1 50 12	Channel (# Low 343000 1715 22.20 21.40 21.61 21.69 22.05 21.74 21.54	RFCH)/ Frec Mid 349000 1745 22.00 21.46 21.68 21.64 22.05 21.75 21.59	(dBin) ency(MHz) High 355000 1775 22.23 21.44 21.66 21.68 22.05 21.75 21.60	Channel (<i>J</i> Low 343000 1715 20.80 20.00 20.21 20.29 20.65 20.34 20.14	ARFCH)/ Freq Mid 349000 1745 20.60 20.06 20.28 20.24 20.24 20.35 20.19	ency(MHz) High 355000 1775 20.83 20.04 20.26 20.28 20.28 20.35 20.35
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	ain (dBi) iit (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	-1.39 -1.39 RB Allocation 1 1 25 50 1 1 1 25 50 50 50	RB Offset 1 50 12 0 1 50 12 50 12 0	Channel (# Low 343000 1715 22.20 21.40 21.61 21.69 22.05 21.74 21.54 21.10	RFCH)/ Frec Mid 349000 1745 22.00 21.46 21.64 22.05 21.75 21.59 21.17	(dBin) ency(MHz) High 355000 1775 22.23 21.44 21.66 21.68 22.05 21.75 21.60 21.10	Channel (/ Low 343000 1715 20.80 20.00 20.21 20.29 20.65 20.34 20.14 19.70	ARFCH)/ Freq Mid 349000 1745 20.60 20.06 20.28 20.24 20.24 20.24 20.35 20.19 19.77	High 355000 1775 20.83 20.04 20.26 20.28 20.28 20.65 20.35 20.20 19.70
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	ain (dBi) iit (W) Modulation DFT-s Pl/2 BPSK DFT-s QPSK DFT-s 16QAM	-1.39 -1.39 RB Allocation 1 1 25 50 1 1 25 50 1 1 25 50 1	2889 RB Offset 1 50 12 0 1 50 12 0 12 0 12	Channel (# Low 343000 1715 22.20 21.40 21.61 21.69 22.05 21.74 21.54 21.10 20.64	RFCH)/ Frec Mid 349000 1745 22.00 21.46 21.68 21.68 21.64 22.05 21.75 21.59 21.17 20.66	(dBin) ency(MHz) High 355000 1775 22.23 21.44 21.66 21.66 21.68 22.05 21.75 21.60 21.10 20.65	Channel (/ Low 343000 1715 20.80 20.00 20.21 20.29 20.65 20.34 20.14 19.70 19.24	ARFCH)/ Freq Mid 349000 1745 20.60 20.06 20.28 20.24 20.24 20.35 20.19 19.77 19.26	ency(MHz) High 355000 1775 20.83 20.04 20.26 20.28 20.26 20.28 20.35 20.35 20.20 19.70 19.25
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	ain (dBi) iit (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM	-1.39 -1.39 RB Allocation 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 25 50 1 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 1 25 50 1 1 1 1 25 50 1 1 1 1 1 25 50 1 1 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1	RB Offset 1 50 12 0 1 50 1 2 0 1 2 0 1 2 0 1 2 0 1 1 1 1	Channel (A Low 343000 1715 22.20 21.40 21.61 21.69 22.05 21.74 21.54 21.54 21.10 20.64 19.43	RFCH)/ Frec Mid 349000 1745 22.00 21.46 21.68 21.64 22.05 21.75 21.59 21.17 20.66 19.54	(dBin) ency(MHz) High 355000 1775 22.23 21.44 21.66 21.68 22.05 21.75 21.60 21.10 20.65 19.49	Channel (/ Low 343000 1715 20.80 20.00 20.21 20.29 20.65 20.34 20.14 19.70 19.24 18.03	ARFCH)/ Freq Mid 349000 1745 20.60 20.28 20.24 20.35 20.19 19.77 19.26 18.14	ency(MHz) High 355000 1775 20.83 20.04 20.26 20.28 20.28 20.35 20.35 20.20 19.70 19.25 18.09
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	ain (dBi) iit (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM DFT-s 256QAM	-1.39 -1.39 RB Allocation 1 1 25 50 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 1 25 50 1 1 1 1 25 50 1 1 1 1 25 50 1 1 1 1 1 25 50 1 1 1 1 1 25 50 1 1 1 1 1 25 50 1 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 25 50 1 1 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1	RB Offset 1 50 12 0 1 50 12 0 12 0 12 0 12 0 1 1 1 1	Condu Channel (P Low 343000 1715 22.20 21.40 21.61 21.69 22.05 21.74 21.54 21.10 20.64 19.43 17.38	RFCH)/ Frec Mid 349000 1745 22.00 21.46 21.68 21.64 22.05 21.75 21.59 21.17 20.66 19.54 17.55	(dBin) ency(MHz) High 355000 1775 22.23 21.44 21.66 21.68 22.05 21.75 21.60 21.10 20.65 19.49 17.27	Channel (/ Low 343000 1715 20.80 20.00 20.21 20.29 20.65 20.34 20.14 19.70 19.24 18.03 15.98	ARFCH)/ Freq Mid 349000 1745 20.60 20.06 20.28 20.24 20.65 20.35 20.19 19.77 19.26 18.14 16.15	ency(MHz) High 355000 1775 20.83 20.04 20.26 20.28 20.26 20.28 20.35 20.35 20.20 19.70 19.25 18.09 15.87
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and not 1 Prior to ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK	-1.39 -1.39 RB Allocation 1 1 25 50 1 1 25 50 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1	2889 RB Offset 1 50 12 0 1 50 12 0 1 1 1 1 1 1 1 1	Condu Channel (# Low 343000 1715 22.20 21.61 21.61 21.61 21.63 21.74 21.54 21.10 20.64 19.43 17.38 21.13	RFCH)/ Frec Mid 349000 1745 22.00 21.46 21.68 21.68 21.64 22.05 21.75 21.75 21.59 21.17 20.66 19.54 17.55 21.18	(dBin) ency(MHz) High 355000 1775 22.23 21.44 21.66 21.68 22.05 21.75 21.60 21.10 20.65 19.49 17.27 21.16	Channel (/ Low 343000 1715 20.80 20.00 20.21 20.29 20.65 20.34 20.14 19.70 19.24 18.03 15.98 19.73	ARFCH)/ Freq Mid 349000 1745 20.60 20.06 20.28 20.28 20.24 20.24 20.35 20.19 19.77 19.26 18.14 16.15 19.78	ency(MHz) High 355000 1775 20.83 20.04 20.26 20.28 20.26 20.28 20.35 20.20 19.70 19.25 18.09 15.87 19.76
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and not 1 Prior to ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM DFT-s 256QAM CP QPSK CP 16QAM	-1.39 -1.39 RB Allocation 1 1 25 50 1 1 25 50 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2889 RB Offset 1 50 12 0 1 50 12 0 1 50 12 0 1 1 1 1 1 1 1 1 1 1 1 1	Channel (A Low 343000 1715 22.20 21.40 21.61 21.69 22.05 21.74 21.54 21.74 21.54 21.10 20.64 19.43 17.38 21.13 20.21	Average Mid 349000 1745 22.00 21.46 21.68 21.64 22.05 21.75 21.59 21.17 20.66 19.54 17.55 21.18 20.08	(dBin) ency(MHz) High 355000 1775 22.23 21.44 21.66 21.68 22.05 21.75 21.60 21.10 20.65 19.49 17.27 21.16 20.13	Channel (/ Low 343000 1715 20.80 20.00 20.21 20.29 20.65 20.34 20.14 19.70 19.24 18.03 15.98 19.73 18.81	ARFCH)/ Freq Mid 349000 1745 20.60 20.28 20.24 20.35 20.19 19.77 19.26 18.14 16.15 19.78 18.68	ency(MHz) High 355000 1775 20.83 20.04 20.26 20.28 20.28 20.35 20.20 19.70 19.25 18.09 15.87 19.76 18.73
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and not 1 Prior to ain (dBi) iit (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM CP 64QAM	-1.39 -1.39 RB Allocation 1 1 25 50 1 1 25 50 1 1 1 1 1 1 1 1 1 1 1 1 1	2889 RB Offset 1 50 12 0 12 0 1 50 12 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (P Low 343000 1715 22.20 21.40 21.61 21.69 22.05 21.74 21.54 21.10 20.64 19.43 17.38 21.13 20.21 19.05	Mid 349000 1745 22.00 21.46 21.68 21.64 22.05 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.17 20.66 19.54 17.55 21.18 20.08 19.14	(dBin) ency(MHz) High 355000 1775 22.23 21.44 21.66 21.66 21.68 22.05 21.75 21.60 21.10 20.65 19.49 17.27 21.16 20.13 19.00	Channel (/ Low 343000 1715 20.80 20.00 20.21 20.29 20.65 20.34 20.14 19.70 19.24 18.03 15.98 19.73 18.81 17.65	ARFCH)/ Freq Mid 349000 1745 20.60 20.06 20.28 20.28 20.24 20.24 20.35 20.19 19.77 19.26 18.14 16.15 19.78 18.68 17.74	ency(MHz) High 355000 1775 20.83 20.04 20.26 20.28 20.26 20.28 20.35 20.20 19.70 19.70 19.70 19.75 18.09 15.87 19.76 18.73 17.60

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5G NR Band n66 : 1710 to 1780 MHz					Condu	cted Average	(dBm)	EIRP (dBm)		
Antenna Gain(dBi)			-1.39889		Channel (ARFCH)/ Freqency(MHz)			Channel (ARFCH)/ Freqency(MHz)		
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
			RB	RB	343500	349000	354500	343500	349000	354500
BAN (INIHZ)	SCS (KHZ)	Modulation	Allocation	Offset	1717.5	1745	1772.5	1717.5	1745	1772.5
			1	1	22.64	22.35	22.53	21.24	20.95	21.13
		DFT-s PI/2 BPSK	1	77	21.39	21.45	21.49	19.99	20.05	20.09
			36	18	22.11	22.07	22.10	20.71	20.67	20.70
			75	0	21.66	21.83	21.79	20.26	20.43	20.39
			1	1	22.24	22.32	22.36	20.84	20.92	20.96
		DET-s OPSK	1	77	21.99	22.00	22.10	20.59	20.60	20.70
		DI I S GI SK	36	18	22.10	22.03	22.09	20.70	20.63	20.69
15	15		75	0	21.46	21.60	21.63	20.06	20.20	20.23
		DFT-s 16QAM	1	1	21.10	21.14	21.17	19.70	19.74	19.77
		DFT-s 64QAM	1	1	19.57	19.50	19.54	18.17	18.10	18.14
		DFT-s 256QAM	1	1	17.62	17.57	17.58	16.22	16.17	16.18
		CP QPSK	1	1	21.66	21.70	21.66	20.26	20.30	20.26
		CP 16QAM	1	1	20.65	20.23	20.28	19.25	18.83	18.88
		CP 64QAM	1	1	19.01	18.88	18.92	17.61	17.48	17.52
		CP 256QAM	1	1	17.34	17.25	17.27	15.94	15.85	15.87
		1 (/ 4740)				- +! A				
	JG INR Da	and n66 : 1/10 to	1780 MHZ		Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	and n66 : 1710 to ain(dBi)	-1.39	9889	Condu Channel (A	RFCH)/ Freq	(dBm) Jency(MHz)	Channel (A	EIRP (dBm) ARFCH)/ Freq	ency(MHz)
	Antenna Ga	and n66 : 1710 to ain(dBi) it (W)	-1.39	9889	Condu Channel (A Low	cted Average RFCH)/ Freq Mid	(aBm) jency(MHz) High	Channel (A	EIRP (dBm) ARFCH)/ Freq Mid	ency(MHz) High
BW/ (MHz)	Antenna Ga EIRP Lim	and n66 : 1710 to nin(dBi) it (W) Modulation	-1.39 RB	2889 RB	Condu Channel (A Low 344000	RFCH)/ Freq Mid 349000	(dBm) Jency(MHz) High 354000	Channel (A Low 344000	EIRP (dBm) ARFCH)/ Freq Mid 349000	ency(MHz) High 354000
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to ain(dBi) it (W) Modulation	-1.39 -1.39 RB Allocation	RB Offset	Condu Channel (A Low 344000 1720	RFCH)/ Freq Mid 349000 1745	(dBm) Jency(MHz) High 354000 1770	Channel (A Low 344000 1720	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745	ency(MHz) High 354000 1770
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to anin(dBi) it (W) Modulation	-1.39 -1.39 RB Allocation 1	RB Offset	Condu Channel (# Low 344000 1720 22.35	Cted Average RFCH)/ Freq Mid 349000 1745 22.34	(aBm) ency(MHz) High 354000 1770 22.38	Channel (A Low 344000 1720 20.95	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94	ency(MHz) High 354000 1770 20.98
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to ain(dBi) it (W) Modulation	-1.39 -1.39 RB Allocation 1 1	2889 RB Offset 1 104	Condu Channel (A Low 344000 1720 22.35 21.84	Cted Average RFCH)/ Freq Mid 349000 1745 22.34 21.83	(dBm) ency(MHz) High 354000 1770 22.38 21.89	Channel (A Low 344000 1720 20.95 20.44	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43	ency(MHz) High 354000 1770 20.98 20.49
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to anin(dBi) it (W) Modulation DFT-s PI/2 BPSK	-1.39 -1.39 RB Allocation 1 1 50	2889 RB Offset 1 104 25	Condu Channel (A Low 344000 1720 22.35 21.84 22.10	Cted Average RFCH)/ Freq Mid 349000 1745 22.34 21.83 22.12	(dBm) ency(MHz) High 354000 1770 22.38 21.89 22.10	Channel (A Low 344000 1720 20.95 20.44 20.70	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43 20.72	ency(MHz) High 354000 1770 20.98 20.49 20.70
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to anin(dBi) it (W) Modulation DFT-s PI/2 BPSK	-1.39 -1.39 RB Allocation 1 1 50 100	RB Offset 1 104 25 0	Condu Channel (# Low 344000 1720 22.35 21.84 22.10 21.80	Cted Average RFCH)/ Freq Mid 349000 1745 22.34 21.83 22.12 21.86	(dBm) ency(MHz) High 354000 1770 22.38 21.89 22.10 21.84	Channel (A Low 344000 1720 20.95 20.44 20.70 20.40	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43 20.72 20.46	ency(MHz) High 354000 1770 20.98 20.49 20.70 20.44
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	-1.39 -1.39 RB Allocation 1 1 50 100 1	2889 RB Offset 1 104 25 0 1	Condu Channel (A 344000 1720 22.35 21.84 22.10 21.80 22.13	Cted Average RFCH)/ Freq Mid 349000 1745 22.34 21.83 22.12 21.86 22.26	(dBm) ency(MHz) High 354000 1770 22.38 21.89 22.10 21.84 22.27	Channel (A Low 344000 1720 20.95 20.44 20.70 20.40 20.73	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43 20.72 20.46 20.86	ency(MHz) High 354000 1770 20.98 20.49 20.70 20.44 20.87
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s OPSK	-1.39 -1.39 RB Allocation 1 1 50 100 1 1 1	2889 RB Offset 1 104 25 0 1 104	Condu Channel (# Low 344000 1720 22.35 21.84 22.10 21.80 22.13 21.91	Cted Average RFCH)/ Freq Mid 349000 1745 22.34 21.83 22.12 21.86 22.26 21.98	(dBm) ency(MHz) High 354000 1770 22.38 21.89 22.10 21.84 22.27 22.05	Channel (A Low 344000 1720 20.95 20.44 20.70 20.40 20.73 20.51	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43 20.72 20.46 20.86 20.58	ency(MHz) High 354000 1770 20.98 20.49 20.70 20.44 20.87 20.65
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	-1.39 -1.39 RB Allocation 1 1 50 100 1 1 1 50	2889 RB Offset 1 104 25 0 1 104 25	Condu Channel (# Low 344000 1720 22.35 21.84 22.10 21.80 22.13 21.91 22.15	Cted Average RFCH)/ Freq Mid 349000 1745 22.34 21.83 22.12 21.86 22.26 21.98 22.10	(dBm) ency(MHz) High 354000 1770 22.38 21.89 22.10 21.84 22.27 22.05 22.05	Channel (/ Low 344000 1720 20.95 20.44 20.70 20.40 20.73 20.51 20.75	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43 20.72 20.46 20.86 20.58 20.70	ency(MHz) High 354000 1770 20.98 20.49 20.70 20.44 20.65 20.65
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	-1.39 -1.39 RB Allocation 1 1 50 100 1 1 50 100 100	2889 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	Condu Channel (A Low 344000 1720 22.35 21.84 22.10 21.80 22.13 21.91 22.15 21.22	Cted Average RFCH)/ Freq Mid 349000 1745 22.34 21.83 22.12 21.86 22.26 21.98 22.10 21.38	(dBm) ency(MHz) High 354000 1770 22.38 21.89 22.10 21.84 22.27 22.05 22.05 21.37	Channel (A Low 344000 1720 20.95 20.44 20.70 20.40 20.73 20.51 20.75 19.82	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43 20.72 20.46 20.86 20.58 20.70 19.98	ency(MHz) High 354000 1770 20.98 20.49 20.70 20.44 20.87 20.65 20.65 19.97
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to anin (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM	-1.39 -1.39 RB Allocation 1 1 50 100 1 1 50 100 1 1 1 50 100 1 1	2889 RB Offset 1 104 25 0 1 104 25 0 1 0 1 104 25 0 1	Condu Channel (# Low 344000 1720 22.35 21.84 22.10 21.80 22.13 21.91 22.15 21.22 21.08	Cied Average RFCH)/ Freq Mid 349000 1745 22.34 21.83 22.12 21.86 22.26 21.98 22.10 21.38 21.15	(dBm) ency(MHz) High 354000 1770 22.38 21.89 22.10 21.84 22.27 22.05 22.05 21.37 21.16	Channel (/ Low 344000 1720 20.95 20.44 20.70 20.40 20.73 20.51 20.75 19.82 19.68	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43 20.72 20.46 20.86 20.58 20.70 19.98 19.75	ency(MHz) High 354000 1770 20.98 20.49 20.70 20.44 20.65 20.65 20.65 19.97 19.76
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM	RB Allocation 1 1 1 1 50 100 1 1 50 100 1 1 50 100 1 1 50 100 1 1 1 1 1 1 1 1 1 1 100 1 1 1 1 1	2889 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 1 104 25 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 344000 1720 22.35 21.84 22.10 21.80 22.13 21.91 22.15 21.22 21.08 19.58	Cited Average RFCH)/ Freq Mid 349000 1745 22.34 21.83 22.12 21.86 22.26 21.98 22.10 21.38 21.15 19.51	(dBm) ency(MHz) High 354000 1770 22.38 21.89 22.10 21.84 22.27 22.05 22.05 22.05 21.37 21.16 19.54	Channel (A Low 344000 1720 20.95 20.44 20.70 20.40 20.73 20.51 20.75 19.82 19.68 18.18	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43 20.72 20.46 20.86 20.58 20.70 19.98 19.75 18.11	ency(MHz) High 354000 1770 20.98 20.49 20.70 20.44 20.65 20.65 20.65 19.97 19.76 18.14
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM DFT-s 256QAM	-1.39 -1.39 RB Allocation 1 1 50 100 1 1 50 100 1 1 1 1 1 1 1	2889 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (# Low 344000 1720 22.35 21.84 22.10 21.80 22.13 21.91 22.15 21.22 21.08 19.58 17.73	Cited Average RFCH)/ Freq Mid 349000 1745 22.34 21.83 22.12 21.86 22.26 21.98 22.10 21.38 21.15 19.51 17.69	(dBm) ency(MHz) High 354000 1770 22.38 21.89 22.10 21.84 22.27 22.05 22.05 21.37 21.16 19.54 17.65	Channel (/ Low 344000 1720 20.95 20.44 20.70 20.40 20.73 20.51 20.75 19.82 19.68 18.18 16.33	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43 20.72 20.46 20.86 20.58 20.70 19.98 19.75 18.11 16.29	ency(MHz) High 354000 1770 20.98 20.49 20.70 20.44 20.87 20.65 20.65 19.97 19.76 18.14 16.25
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to iin (dBi) iit (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK	-1.39 -1.39 RB Allocation 1 1 50 100 1 1 50 100 1 1 1 1 1 1 1 1 1	2889 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 104 25 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (# Low 344000 1720 22.35 21.84 22.10 21.80 22.13 21.91 22.15 21.22 21.08 19.58 17.73 22.11	Cied Average RFCH)/ Freq Mid 349000 1745 22.34 21.83 22.12 21.86 22.26 21.98 22.10 21.38 21.15 19.51 17.69 22.07	(dBm) ency(MHz) High 354000 1770 22.38 21.89 22.10 21.84 22.27 22.05 22.05 21.37 21.16 19.54 17.65 22.04	Channel (/ Low 344000 1720 20.95 20.44 20.70 20.70 20.73 20.51 20.75 19.82 19.68 18.18 16.33 20.71	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43 20.72 20.46 20.58 20.70 19.98 19.75 18.11 16.29 20.67	ency(MHz) High 354000 1770 20.98 20.49 20.70 20.44 20.65 20.65 20.65 19.97 19.76 18.14 16.25 20.64
20	15 INK BA	and n66 : 1710 to ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM	-1.39 -1.39 RB Allocation 1 1 50 100 1 1 50 100 1 1 1 1 1 1 1 1 1	2889 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 344000 1720 22.35 21.84 22.10 21.80 22.13 21.91 22.15 21.22 21.08 19.58 17.73 22.11 21.28	Cted Average RFCH)/ Freq Mid 349000 1745 22.34 21.83 22.12 21.86 22.26 21.98 22.10 21.38 21.15 19.51 17.69 22.07 21.17	(dBm) High 354000 1770 22.38 21.89 22.10 21.84 22.27 22.05 21.37 21.16 19.54 17.65 22.04 21.43	Channel (A Low 344000 1720 20.95 20.44 20.70 20.73 20.51 20.75 19.82 19.68 18.18 16.33 20.71 19.88	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43 20.72 20.46 20.86 20.58 20.70 19.98 19.75 18.11 16.29 20.67 19.77	ency(MHz) High 354000 1770 20.98 20.49 20.70 20.44 20.65 20.65 20.65 19.97 19.97 19.76 18.14 16.25 20.64 20.03
BW (MHz)	Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK CP 16QAM CP 64QAM	-1.39 -1.39 RB Allocation 1 1 50 100 1 1 50 100 1 1 1 1 1 1 1 1 1	2889 RB Offset 1 104 25 0 1 104 25 0 1 104 25 0 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (# Low 344000 1720 22.35 21.84 22.10 21.80 22.13 21.91 22.15 21.22 21.08 19.58 17.73 22.11 21.28 19.47	Cied Average RFCH)/ Freq Mid 349000 1745 22.34 21.83 22.12 21.86 22.26 21.98 22.10 21.38 21.15 19.51 17.69 22.07 21.17 19.42	(dBm) ency(MHz) High 354000 1770 22.38 21.89 22.10 21.84 22.27 22.05 22.05 21.37 21.16 19.54 17.65 22.04 21.43 19.49	Channel (/ Low 344000 1720 20.95 20.44 20.70 20.73 20.51 20.75 19.82 19.68 18.18 16.33 20.71 19.88 18.07	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 20.43 20.72 20.46 20.86 20.58 20.70 19.98 19.75 18.11 16.29 20.67 19.77 18.02	ency(MHz) High 354000 1770 20.98 20.49 20.70 20.44 20.65 20.65 20.65 19.97 19.76 18.14 16.25 20.64 20.64 20.03 18.09

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5G NR Band n66 : 1710 to 1780 MHz					Condu	cted Average	(dBm)	EIRP (dBm)		
	Antenna Ga	ain(dBi)	-1.39889		Channel (ARFCH)/ Freqency(MHz)			Channel (ARFCH)/ Freqency(MHz)		
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
		Modulation	RB	RB	345000	349000	353000	345000	349000	353000
		WOUUIAUUT	Allocation	Offset	1725	1745	1765	1725	1745	1765
		DFT -s PI/2 BPSK	1	1	22.48	22.45	22.49	21.08	21.05	21.09
			1	158	21.60	21.67	21.65	20.20	20.27	20.25
			80	40	22.22	22.25	22.34	20.82	20.85	20.94
			160	0	21.88	21.87	21.94	20.48	20.47	20.54
			1	1	22.33	22.32	22.38	20.93	20.92	20.98
		DFT-s OPSK	1	158	21.89	21.90	21.93	20.49	20.50	20.53
			80	40	22.34	22.34	22.40	20.94	20.94	21.00
30	15		160	0	21.22	21.22	21.30	19.82	19.82	19.90
		DFT-s 16QAM	1	1	21.33	21.37	21.33	19.93	19.97	19.93
		DFT-s 64QAM	1	1	19.82	19.78	19.80	18.42	18.38	18.40
		DFT-s 256QAM	1	1	17.85	17.84	17.84	16.45	16.44	16.44
		CP QPSK	1	1	22.29	22.09	22.15	20.89	20.69	20.75
		CP 16QAM	1	1	21.19	21.50	20.98	19.79	20.10	19.58
		CP 64QAM	1	1	19.02	18.84	19.11	17.62	17.44	17.71
		CP 256QAM	1	1	17.18	17.77	17.02	15.78	16.37	15.62
					Conducted Average (dBm)			EIRP (dBm)		
	5G NR Ba	and n66 : 1710 to 7	1780 MHz		Condu	cted Average	(dBm)		EIRP (dBm)	
	5G NR Ba Antenna Ga	and n66 : 1710 to ⁻ ain(dBi)	1 780 MHz -1.39	889	Condu Channel (A	cted Average NRFCH)/ Freq	(dBm) jency(MHz)	Channel (A	EIRP (dBm) ARFCH)/ Freq	jency(MHz)
	5G NR Ba Antenna Ga EIRP Lim	and n66 : 1710 to 7 ain(dBi) it (W)	1 780 MHz -1.39 1	889	Condu Channel (A Low	cted Average RFCH)/ Freq Mid	(dBm) jency(MHz) High	Channel (A	EIRP (dBm) ARFCH)/ Freq Mid	iency(MHz) High
BW/ (MHz)	5G NR Ba Antenna Ga EIRP Lim	and n66 : 1710 to 7 ain(dBi) it (W)	1 780 MHz -1.39 1 RB	1889 	Condu Channel (A Low 346000	cted Average RFCH)/ Freo Mid 349000	(dBm) ency(MHz) High 352000	Channel (A Low 346000	EIRP (dBm) ARFCH)/ Freq Mid 349000	ency(MHz) High 352000
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to 7 ain(dBi) it (W) Modulation	1780 MHz -1.39 1 RB Allocation	RB Offset	Condu Channel (A Low 346000 1730	cted Average RFCH)/ Freq Mid 349000 1745	(dBm) jency(MHz) High 352000 1760	Channel (A Low 346000 1730	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745	ency(MHz) High 352000 1760
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to 7 ain(dBi) it (W) Modulation	1780 MHz -1.39 1 RB Allocation 1	889 RB Offset 1	Condu Channel (# Low 346000 1730 22.67	cted Average RFCH)/ Freo Mid 349000 1745 22.78	(dBm) ency(MHz) High 352000 1760 22.70	Channel (A Low 346000 1730 21.27	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 21.38	High 352000 1760 21.30
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to 7 ain(dBi) it (W) Modulation	1780 MHz -1.39 1 RB Allocation 1 1	889 RB Offset 1 214	Condu Channel (<i>F</i> Low 346000 1730 22.67 22.35	cted Average RFCH)/ Freq Mid 349000 1745 22.78 22.34	(dBm) jency(MHz) High 352000 1760 22.70 22.39	Channel (<i>A</i> Low 346000 1730 21.27 20.95	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 21.38 20.94	ency(MHz) High 352000 1760 21.30 20.99
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to 7 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	1780 MHz -1.39 1 RB Allocation 1 1 108	RB Offset 1 214 54	Condu Channel (<i>A</i> Low 346000 1730 22.67 22.35 22.43	cted Average RFCH)/ Freq Mid 349000 1745 22.78 22.34 22.45	(dBm) ency(MHz) High 352000 1760 22.70 22.39 22.48	Channel (A Low 346000 1730 21.27 20.95 21.03	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 21.38 20.94 21.05	ency(MHz) High 352000 1760 21.30 20.99 21.08
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to 7 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	1780 MHz -1.39 RB Allocation 1 1 108 216	889 RB Offset 1 214 54 0	Condu Channel (<i>F</i> Low 346000 1730 22.67 22.35 22.43 21.62	cted Average RFCH)/ Freq Mid 349000 1745 22.78 22.34 22.45 21.70	(dBm) jency(MHz) High 352000 1760 22.70 22.39 22.48 21.80	Channel (<i>H</i> Low 346000 1730 21.27 20.95 21.03 20.22	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 21.38 20.94 21.05 20.30	High 352000 1760 21.30 20.99 21.08 20.40
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to 7 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	1780 MHz -1.39 1 RB Allocation 1 1 108 216 1	889 RB Offset 1 214 54 0 1	Condu Channel (A Low 346000 1730 22.67 22.35 22.43 21.62 22.65	Cted Average RFCH)/ Freq Mid 349000 1745 22.78 22.34 22.45 21.70 22.50	(dBm) ency(MHz) High 352000 1760 22.70 22.39 22.48 21.80 22.52	Channel (<i>A</i> Low 346000 1730 21.27 20.95 21.03 20.22 21.25	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 21.38 20.94 21.05 20.30 21.10	ency(MHz) High 352000 1760 21.30 20.99 21.08 20.40 21.12
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to 7 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	1780 MHz -1.39 RB Allocation 1 108 216 1 1 1 1 1 1 1 1 1 1 1 1 1	RB Offset 1 214 54 0 1 214	Condu Channel (A 346000 1730 22.67 22.35 22.43 21.62 22.65 22.47	Cted Average RFCH)/ Freq Mid 349000 1745 22.78 22.34 22.45 21.70 22.50 22.40	(dBm) ency(MHz) High 352000 1760 22.70 22.39 22.48 21.80 22.52 22.49	Channel (A Low 346000 1730 21.27 20.95 21.03 20.22 21.25 21.07	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 21.38 20.94 21.05 20.30 21.10 21.00	ency(MHz) High 352000 1760 21.30 20.99 21.08 20.40 21.12 21.09
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to 7 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	T80 MHz -1.39 RB Allocation 1 108 216 1 108 108	889 RB Offset 1 214 54 0 1 214 54 54	Condu Channel (<i>A</i> Low 346000 1730 22.67 22.35 22.43 21.62 22.65 22.47 22.47 22.49	Cted Average RFCH)/ Freq Mid 349000 1745 22.78 22.34 22.45 21.70 22.50 22.40 22.58	(dBm) Jency(MHz) High 352000 1760 22.70 22.39 22.48 21.80 22.52 22.49 22.52	Channel (<i>J</i> Low 346000 1730 21.27 20.95 21.03 20.22 21.25 21.07 21.09	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 21.38 20.94 21.05 20.30 21.10 21.00 21.18	High 352000 1760 21.30 20.99 21.08 20.40 21.12 21.09 21.12
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to 7 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	1780 MHz -1.39 RB Allocation 1 108 216 1 108 216 1 108 216 1 108 216	RB Offset 1 214 54 0 1 214 54 0 1 214 54 0	Condu Channel (A Low 346000 1730 22.67 22.35 22.43 21.62 22.65 22.47 22.49 21.53	Cted Average RFCH)/ Freq Mid 349000 1745 22.78 22.34 22.45 21.70 22.50 22.40 22.58 21.60	(dBm) ency(MHz) High 352000 1760 22.70 22.39 22.48 21.80 22.52 22.49 22.52 22.49 22.52 21.58	Channel (A Low 346000 1730 21.27 20.95 21.03 20.22 21.25 21.07 21.09 20.13	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 21.05 20.30 21.10 21.10 21.18 20.20	ency(MHz) High 352000 1760 21.30 20.99 21.08 20.40 21.12 21.09 21.12 20.18
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz) 15	and n66 : 1710 to 7 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM	1780 MHz -1.39 RB Allocation 1 108 216 1 108 216 1 108 216 1 108 216 1 108 216 1 108 216 1	889 RB Offset 1 214 54 0 1 214 54 0 1 214 54 0 1 214 54 0 1 214	Condu Channel (A 346000 1730 22.67 22.35 22.43 21.62 22.65 22.47 22.49 21.53 21.56	Cted Average RFCH)/ Freq Mid 349000 1745 22.78 22.34 22.45 21.70 22.50 22.40 22.58 21.60 21.59	(dBm) ency(MHz) High 352000 1760 22.70 22.39 22.48 21.80 22.52 22.49 22.52 21.58 21.48	Channel (A Low 346000 1730 21.27 20.95 21.03 20.22 21.25 21.07 21.09 20.13 20.16	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 21.38 20.94 21.05 20.30 21.10 21.00 21.18 20.20 20.19	High 352000 1760 21.30 20.99 21.08 20.40 21.12 21.09 21.12 21.09 21.12 20.18 20.08
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to 7 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM	1780 MHz -1.39 RB Allocation 1 108 216 1 108 216 1 108 216 1 108 216 1 108 216 1 1 1 1 1 1 1	RB Offset 1 214 54 0 1 214 54 0 1 214 54 0 1 1	Condu Channel (<i>A</i> 346000 1730 22.67 22.35 22.43 21.62 22.65 22.47 22.49 21.53 21.56 20.01	cted Average RFCH)/ Freq Mid 349000 1745 22.34 22.45 21.70 22.50 22.40 22.58 21.60 21.59 20.00	(dBm) ency(MHz) High 352000 1760 22.70 22.39 22.48 21.80 22.52 22.49 22.52 21.58 21.48 20.70	Channel (<i>J</i> Low 346000 1730 21.27 20.95 21.03 20.22 21.25 21.07 21.09 20.13 20.16 18.61	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 21.38 20.94 21.05 20.30 21.10 21.10 21.10 21.18 20.20 20.19 18.60	ency(MHz) High 352000 1760 21.30 20.99 21.08 20.40 21.12 21.09 21.12 20.18 20.08 19.30
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz) 15	and n66 : 1710 to 7 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM DFT-s 256QAM	1780 MHz -1.39 RB Allocation 1 108 216 1 108 216 1 108 216 1 108 216 1 108 216 1 108 216 1 1 1 1 1 1	RB Offset 1 214 54 0 1 214 54 0 1 214 54 0 1 1 1 1	Condu Channel (A Low 346000 1730 22.67 22.35 22.43 21.62 22.65 22.47 22.65 22.47 21.53 21.56 20.01 18.00	Cted Average RFCH)/ Freq Mid 349000 1745 22.78 22.34 22.45 21.70 22.50 22.40 22.58 21.60 21.59 20.00 17.98	(dBm) ency(MHz) High 352000 1760 22.70 22.39 22.48 21.80 22.52 22.49 22.52 21.58 21.58 21.48 20.70 18.00	Channel (A Low 346000 1730 21.27 20.95 21.03 20.22 21.25 21.07 21.09 20.13 20.16 18.61 16.60	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 21.38 20.94 21.05 20.30 21.10 21.10 21.18 20.20 20.19 18.60 16.58	ency(MHz) High 352000 1760 21.30 20.99 21.08 20.40 21.12 21.09 21.12 20.18 20.08 19.30 16.60
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz) 15	and n66 : 1710 to 7 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK	1780 MHz -1.39 RB Allocation 1 108 216 1 108 216 1 108 216 1 108 216 1 108 216 1 108 216 1 1 1 1 1 1 1	889 RB Offset 1 214 54 0 1 214 54 0 1 1 1 1 1 1	Condu Channel (A Low 346000 1730 22.67 22.35 22.43 21.62 22.65 22.47 22.49 21.53 21.56 20.01 18.00 22.14	cted Average RFCH)/ Freq Mid 349000 1745 22.78 22.34 22.45 21.70 22.50 22.40 22.58 21.60 21.59 20.00 17.98 22.51	(dBm) ency(MHz) High 352000 1760 22.70 22.39 22.48 21.80 22.52 22.49 22.52 21.58 21.48 21.48 20.70 18.00 22.01	Channel (A Low 346000 1730 21.27 20.95 21.03 20.22 21.25 21.07 21.09 20.13 20.16 18.61 16.60 20.74	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 21.38 20.94 21.05 20.30 21.10 21.00 21.18 20.20 20.19 18.60 16.58 21.11	High 352000 1760 21.30 20.99 21.08 20.40 21.12 21.09 21.12 20.18 20.08 19.30 16.60 20.61
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz)	and n66 : 1710 to 7 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM DFT-s 256QAM CP QPSK CP 16QAM	780 MHz -1.39 RB Allocation 1 108 216 1 108 216 1 108 216 1 108 216 1 1 108 216 1 1 1 1 1 1 1 1 1 1	1889 RB Offset 1 214 54 0 1 214 54 0 1 214 54 0 1 1 1 1 1 1 1	Condu Channel (A Low 346000 1730 22.67 22.35 22.43 21.62 22.65 22.47 22.49 21.53 21.56 20.01 18.00 22.14 20.60	cted Average RFCH)/ Freq Mid 349000 1745 22.78 22.34 22.45 21.70 22.50 22.40 22.50 22.40 22.58 21.60 21.59 20.00 17.98 22.51 21.40	(dBm) ency(MHz) High 352000 1760 22.70 22.39 22.48 21.80 22.52 22.49 22.52 21.58 21.48 20.70 18.00 22.01 20.99	Channel (# Low 346000 1730 21.27 20.95 21.03 20.22 21.25 21.07 21.09 20.13 20.16 18.61 16.60 20.74 19.20	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 20.94 21.05 20.30 21.10 21.10 21.18 20.20 20.19 18.60 16.58 21.11 20.00	ency(MHz) High 352000 1760 21.30 20.99 21.08 20.40 21.12 21.09 21.12 20.18 20.08 19.30 16.60 20.61 19.59
BW (MHz)	5G NR Ba Antenna Ga EIRP Lim SCS (kHz) 15	and n66 : 1710 to ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM CP 64QAM	780 MHz -1.39 RB Allocation 1 108 216 1 108 216 1 101 102 103 216 1 108 216 1 108 216 1 1 1 1 1 1 1 1 1 1	889 RB Offset 1 214 54 0 1 214 54 0 1 214 54 0 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 346000 1730 22.67 22.35 22.43 21.62 22.65 22.47 22.65 22.47 21.53 21.56 20.01 18.00 22.14 20.60 20.01	cted Average RFCH)/ Freq Mid 349000 1745 22.78 22.34 22.45 21.70 22.50 22.40 22.50 22.40 22.58 21.60 21.59 20.00 17.98 22.51 21.40 19.51	(dBm) ency(MHz) High 352000 1760 22.70 22.39 22.48 21.80 22.52 22.49 22.52 21.58 21.48 20.70 18.00 22.01 20.99 19.69	Channel (A Low 346000 1730 21.27 20.95 21.03 20.22 21.25 21.07 21.09 20.13 20.16 18.61 16.60 20.74 19.20 18.61	EIRP (dBm) ARFCH)/ Freq Mid 349000 1745 21.38 20.94 21.05 20.30 21.10 21.00 21.18 20.20 20.19 18.60 16.58 21.11 20.00 18.11	ency(MHz) High 352000 1760 21.30 20.99 21.08 20.40 21.12 20.40 21.12 20.18 20.08 19.30 16.60 20.61 19.59 18.29

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5	G NR Band	n77_Part27: 3450	to 3550 MH	z	Conducted Average (dBm)			EIRP (dBm)		
	Antenna Ga	ain(dBi)	-1.79714		Channel (ARFCH)/ Freqency(MHz)			Channel (ARFCH)/ Freqency(MHz)		
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
			RB	RB	630668	633334	636000	630668	633334	636000
BM (MHZ)	SCS (KHZ)	Wodulation	Allocation	Offset	3460.02	3500.01	3540	3460.02	3500.01	3540
		DFT-s PI/2 BPSK	1	1	26.62	26.57	26.47	24.82	24.77	24.67
			1	49	26.29	26.02	26.14	24.49	24.22	24.34
			25	12	26.24	26.23	26.20	24.44	24.43	24.40
			50	0	26.26	26.22	26.13	24.46	24.42	24.33
			1	1	26.45	26.44	26.32	24.65	24.64	24.52
			1	49	26.38	26.18	26.21	24.58	24.38	24.41
			25	12	26.25	26.22	26.18	24.45	24.42	24.38
20	30		50	0	26.27	26.24	26.20	24.47	24.44	24.40
		DFT-s 16QAM	1	1	26.32	26.26	26.25	24.52	24.46	24.45
		DFT-s 64QAM	1	1	26.30	26.21	26.10	24.50	24.41	24.30
		DFT-s 256QAM	1	1	24.68	24.66	24.48	22.88	22.86	22.68
		CP QPSK	1	1	26.42	26.38	26.28	24.62	24.58	24.48
		CP 16QAM	1	1	26.25	26.20	26.01	24.45	24.40	24.21
		CP 64QAM	1	1	25.80	25.79	25.63	24.00	23.99	23.83
		CP 256QAM	1	1	22.97	22.92	22.76	21.17	21.12	20.96
5	G NR Band	n77_Part27: 3450	to 3550 MH	z	Condu	cted Average	(dBm)		EIRP (dBm)	
5	G NR Band Antenna Ga	n77_Part27: 3450 ain(dBi)	to 3550 MH -1.79	z 9714	Condu Channel (A	cted Average RFCH)/ Freq	(dBm) jency(MHz)	Channel (A	EIRP (dBm) ARFCH)/ Freq	ency(MHz)
5	G NR Band Antenna Ga EIRP Lim	n77_Part27: 3450 ain(dBi) it (W)	to 3550 MH -1.79 1	z 9714	Condu Channel (A Low	cted Average RFCH)/ Freq Mid	(dBm) ency(MHz) High	Channel (A Low	EIRP (dBm) ARFCH)/ Freq Mid	ency(MHz) High
5	G NR Band Antenna Ga EIRP Lim	n77_Part27: 3450 ain(dBi) it (W)	to 3550 MH -1.79 1 RB	2 0714 RB	Condu Channel (A Low 631000	cted Average RFCH)/ Freq Mid 633334	(dBm) ency(MHz) High 635666	Channel (# Low 631000	EIRP (dBm) RFCH)/ Freq Mid 633334	ency(MHz) High 635666
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation	to 3550 MH -1.79 1 RB Allocation	2714 RB Offset	Condu Channel (A Low 631000 3465	cted Average RFCH)/ Freq Mid 633334 3500.01	(dBm) ency(MHz) High 635666 3534.99	Channel (# Low 631000 3465	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01	ency(MHz) High 635666 3534.99
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation	to 3550 MH -1.79 1 RB Allocation 1	z 7714 RB Offset 1	Condu Channel (A Low 631000 3465 26.84	cted Average RFCH)/ Freq Mid 633334 3500.01 26.84	(dBm) ency(MHz) High 635666 3534.99 26.67	Channel (# Low 631000 3465 25.04	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 25.04	ency(MHz) High 635666 3534.99 24.87
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation	to 3550 MH -1.79 RB Allocation 1 1	z 714 RB Offset 1 76	Condu Channel (A Low 631000 3465 26.84 26.45	cted Average RFCH)/ Freq Mid 6333334 3500.01 26.84 26.22	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27	Channel (# Low 631000 3465 25.04 24.65	EIRP (dBm) RFCH)/ Freq Mid 6333334 3500.01 25.04 24.42	ency(MHz) High 635666 3534.99 24.87 24.47
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3550 MH -1.79 RB Allocation 1 1 36	z 7714 RB Offset 1 76 18	Condu Channel (A Low 631000 3465 26.84 26.45 26.42	cted Average RFCH)/ Freq Mid 6333334 3500.01 26.84 26.22 26.22	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27 26.21	Channel (# Low 631000 3465 25.04 24.65 24.62	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 25.04 24.42 24.42 24.42	ency(MHz) High 635666 3534.99 24.87 24.47 24.41
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3550 MH -1.79 RB Allocation 1 1 36 75	z 7714 RB Offset 1 76 18 0	Condu Channel (A 631000 3465 26.84 26.45 26.42 26.40	cted Average RFCH)/ Freq Mid 633334 3500.01 26.84 26.22 26.22 26.22 26.29	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27 26.21 26.28	Channel (A Low 631000 3465 25.04 24.65 24.62 24.60	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 25.04 24.42 24.42 24.42 24.49	ency(MHz) High 635666 3534.99 24.87 24.47 24.41 24.48
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3550 MH -1.79 RB Allocation 1 1 36 75 1	z 7714 RB Offset 1 76 18 0 1	Condu Channel (A Low 631000 3465 26.45 26.45 26.42 26.40 26.67	cted Average RFCH)/ Freq Mid 633334 3500.01 26.84 26.22 26.22 26.22 26.29 26.62	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27 26.21 26.28 26.50	Channel (# Low 631000 3465 25.04 24.65 24.62 24.62 24.60 24.87	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 25.04 24.42 24.42 24.42 24.42 24.42 24.42 24.42 24.42 24.42	ency(MHz) High 635666 3534.99 24.87 24.47 24.41 24.41 24.48 24.70
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3550 MH -1.79 RB Allocation 1 1 36 75 1 1 1	z 7714 RB Offset 1 76 18 0 1 76	Condu Channel (A 631000 3465 26.84 26.45 26.42 26.40 26.67 26.55	cted Average RFCH)/ Freq Mid 633334 3500.01 26.84 26.22 26.22 26.22 26.29 26.62 26.35	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27 26.21 26.28 26.50 26.28	Channel (# Low 631000 3465 25.04 24.65 24.62 24.62 24.60 24.87 24.75	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 25.04 24.42 24.42 24.42 24.49 24.82 24.55	ency(MHz) High 635666 3534.99 24.87 24.47 24.41 24.48 24.70 24.48
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	to 3550 MH -1.79 RB Allocation 1 1 36 75 1 1 1 36	z 7714 RB Offset 1 76 18 0 1 76 18	Condu Channel (A 631000 3465 26.84 26.45 26.42 26.40 26.67 26.55 26.41	cted Average RFCH)/ Freq Mid 6333334 3500.01 26.84 26.22 26.22 26.22 26.29 26.62 26.35 26.25	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27 26.21 26.28 26.50 26.28 26.22	Channel (# Low 631000 3465 25.04 24.65 24.62 24.60 24.87 24.75 24.75 24.61	EIRP (dBm) RFCH)/ Freq Mid 6333334 3500.01 25.04 24.42 24.42 24.49 24.82 24.55 24.45	ency(MHz) High 635666 3534.99 24.87 24.47 24.41 24.48 24.70 24.48 24.70 24.48 24.42
50 BW (MHz) 30	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	to 3550 MH -1.79 RB Allocation 1 1 36 75 1 1 1 36 75	z 7714 RB Offset 1 76 18 0 1 76 18 0	Condu Channel (A 631000 3465 26.84 26.45 26.42 26.40 26.67 26.55 26.41 26.45	cted Average RFCH)/ Freq Mid 633334 3500.01 26.84 26.22 26.22 26.22 26.29 26.62 26.35 26.25 26.24	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27 26.21 26.28 26.50 26.28 26.22 26.25	Channel (# Low 631000 3465 25.04 24.65 24.62 24.60 24.87 24.75 24.61 24.61 24.65	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 25.04 24.42 24.42 24.42 24.42 24.82 24.55 24.45 24.44	ency(MHz) High 635666 3534.99 24.87 24.47 24.47 24.41 24.48 24.70 24.48 24.70 24.48 24.42 24.42
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM	to 3550 MH -1.79 RB Allocation 1 1 36 75 1 1 36 75 0	z 7714 RB Offset 1 76 18 0 1 76 18 0 1 8 0 0	Condu Channel (A Low 631000 3465 26.84 26.45 26.42 26.40 26.67 26.55 26.41 26.45 26.45 26.45	cted Average RFCH)/ Freq Mid 633334 3500.01 26.84 26.22 26.22 26.22 26.29 26.62 26.35 26.25 26.25 26.24 26.24 26.49	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27 26.21 26.28 26.20 26.28 26.22 26.25 26.39	Channel (A Low 631000 3465 25.04 24.65 24.62 24.60 24.87 24.75 24.61 24.65 24.61 24.65 24.74	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 25.04 24.42 24.42 24.42 24.55 24.55 24.45 24.44 24.69	ency(MHz) High 635666 3534.99 24.87 24.47 24.41 24.48 24.70 24.48 24.70 24.48 24.70 24.48 24.42 24.45 24.59
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM	to 3550 MH -1.79 RB Allocation 1 1 36 75 1 1 36 75 0 0 0	z 7714 RB Offset 1 76 18 0 1 76 18 0 0 0 0 0 0	Condu Channel (A 631000 3465 26.84 26.45 26.42 26.40 26.67 26.55 26.41 26.45 26.41 26.45 26.54 26.54	cted Average RFCH)/ Freq Mid 633334 3500.01 26.84 26.22 26.22 26.22 26.29 26.62 26.35 26.25 26.25 26.24 26.49 26.47	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27 26.21 26.28 26.20 26.28 26.22 26.25 26.39 26.33	Channel (A Low 631000 3465 25.04 24.65 24.62 24.60 24.75 24.61 24.65 24.61 24.65 24.74 24.65	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 25.04 24.42 24.42 24.42 24.49 24.82 24.55 24.45 24.45 24.45 24.44 24.69 24.67	ency(MHz) High 635666 3534.99 24.87 24.47 24.41 24.48 24.70 24.48 24.70 24.48 24.42 24.45 24.59 24.53
50 BW (MHz) 30	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM DFT-s 256QAM	to 3550 MH -1.79 RB Allocation 1 1 36 75 1 1 36 75 0 0 0 0 0 0	z 7714 RB Offset 1 76 18 0 1 76 18 0 1 76 18 0 0 0 0 0 0 0	Condu Channel (A 631000 3465 26.84 26.45 26.42 26.40 26.67 26.55 26.41 26.55 26.41 26.45 26.54 26.54 26.54 26.54	cted Average RFCH)/ Freq Mid 633334 3500.01 26.84 26.22 26.22 26.22 26.29 26.62 26.35 26.25 26.24 26.49 26.49 26.47 24.62	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27 26.21 26.28 26.20 26.28 26.22 26.25 26.39 26.33 24.51	Channel (A Low 631000 3465 25.04 24.65 24.62 24.60 24.87 24.75 24.61 24.65 24.61 24.65 24.61 24.65	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 25.04 24.42 24.42 24.42 24.49 24.82 24.55 24.45 24.45 24.44 24.69 24.67 22.82	ency(MHz) High 635666 3534.99 24.87 24.47 24.41 24.48 24.70 24.48 24.70 24.48 24.42 24.45 24.59 24.53 22.71
50 BW (MHz) 30	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM DFT-s 256QAM CP QPSK	to 3550 MH -1.79 RB Allocation 1 1 36 75 1 1 36 75 0 0 0 0 0 0 0 0 0 0	z 714 RB Offset 1 76 18 0 1 76 18 0 0 0 0 0 0 0 0 0 0	Condu Channel (A 631000 3465 26.45 26.45 26.42 26.40 26.67 26.55 26.41 26.55 26.41 26.45 26.54 26.54 26.54	cted Average RFCH)/ Freq Mid 633334 3500.01 26.84 26.22 26.22 26.29 26.62 26.25 26.25 26.25 26.24 26.49 26.47 26.47 24.62 26.52	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27 26.21 26.28 26.20 26.28 26.20 26.28 26.22 26.25 26.39 26.33 24.51 26.34	Channel (# Low 631000 3465 25.04 24.65 24.62 24.60 24.87 24.75 24.61 24.75 24.61 24.65 24.74 24.65 24.74 24.67 22.87 24.76	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 25.04 24.42 24.42 24.49 24.82 24.55 24.45 24.45 24.45 24.69 24.67 22.82 24.72	ency(MHz) High 635666 3534.99 24.87 24.47 24.41 24.48 24.70 24.48 24.70 24.48 24.42 24.45 24.59 24.53 22.71 24.54
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM	to 3550 MH -1.79 RB Allocation 1 1 36 75 1 1 36 75 0 0 0 0 0 0 0 0 0 0 0 0 0	z 714 RB Offset 1 76 18 0 1 76 18 0 0 0 0 0 0 0 0 0 0 0 0 0	Condu Channel (A 631000 3465 26.45 26.45 26.42 26.40 26.67 26.55 26.41 26.45 26.54 26.54 26.54 26.54 26.54 26.54 26.56 26.35	cted Average RFCH)/ Freq Mid 633334 3500.01 26.84 26.22 26.22 26.22 26.29 26.62 26.62 26.35 26.25 26.24 26.49 26.47 24.62 26.52 26.52 26.41	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27 26.21 26.28 26.20 26.28 26.22 26.25 26.39 26.33 24.51 26.34 26.18	Channel (# Low 631000 3465 25.04 24.65 24.62 24.60 24.87 24.75 24.61 24.65 24.61 24.65 24.74 24.67 22.87 24.76 24.55	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 25.04 24.42 24.42 24.42 24.49 24.82 24.55 24.45 24.45 24.45 24.67 22.82 24.67 22.82 24.72 24.61	ency(MHz) High 635666 3534.99 24.87 24.47 24.47 24.48 24.70 24.48 24.70 24.48 24.70 24.48 24.42 24.45 24.59 24.53 22.71 24.54 24.38
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM CP 64QAM	to 3550 MH -1.79 RB Allocation 1 1 36 75 1 1 36 75 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	z 7714 RB Offset 1 76 18 0 1 76 18 0 0 1 76 18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Condu Channel (A Low 631000 3465 26.84 26.45 26.42 26.40 26.67 26.55 26.41 26.45 26.41 26.45 26.54 26.54 26.54 26.54 26.54 26.56 26.35 26.03	cted Average RFCH)/ Freq Mid 633334 3500.01 26.84 26.22 26.22 26.22 26.29 26.62 26.35 26.25 26.25 26.24 26.49 26.47 24.62 26.52 26.52 26.41 26.07	(dBm) ency(MHz) High 635666 3534.99 26.67 26.27 26.21 26.28 26.20 26.28 26.20 26.28 26.22 26.25 26.39 26.33 24.51 26.34 26.34 26.18 25.81	Channel (# Low 631000 3465 25.04 24.65 24.62 24.60 24.87 24.75 24.61 24.65 24.61 24.65 24.61 24.65 24.74 24.67 22.87 24.55 24.23	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 25.04 24.42 24.42 24.42 24.42 24.55 24.45 24.45 24.45 24.45 24.44 24.69 24.67 22.82 24.72 24.61 24.27	ency(MHz) High 635666 3534.99 24.87 24.47 24.47 24.41 24.48 24.70 24.48 24.70 24.48 24.70 24.48 24.50 24.53 22.71 24.54 24.54 24.38 24.01

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5	5G NR Band n77_Part27: 34 Antenna Gain(dBi)			3450 to 3550 MHz -1.79714		Conducted Average (dBm) Channel (ARFCH)/ Freqency(MHz		EIRP (dBm)		
	Antenna Gain(dBi) EIRP Limit (W)		-1.79	714	Channel (A	RFCH)/ Freq	ency(MHz)	Channel (A	RFCH)/ Freq	ency(MHz)
	EIRP Limit (W) Iz) SCS (kHz) Modulatio		1		Low	Mid	High	Low	Mid	High
			RB	RB	631334	633334	635332	631334	633334	635332
BM (MHZ)	SCS (KHZ)	Wodulation	Allocation	Offset	3470.01	3500.01	3529.98	3470.01	3500.01	3529.98
			1	1	27.01	26.69	26.39	25.21	24.89	24.59
			1	104	26.51	26.34	26.26	24.71	24.54	24.46
		DI I-SFI/2 DF SK	50	25	26.42	26.24	26.25	24.62	24.44	24.45
			100	0	26.41	26.29	26.30	24.61	24.49	24.50
			1	1	26.96	26.55	26.35	25.16	24.75	24.55
			1	104	26.48	26.31	26.18	24.68	24.51	24.38
		DI 1-3 QF SK	50	25	26.38	26.28	26.23	24.58	24.48	24.43
40	30	DFT-s 16QAM DFT-s 64QAM	100	0	26.41	26.30	26.28	24.61	24.50	24.48
		DFT-s 16QAM DFT-s 64QAM	1	1	26.52	26.52	26.30	24.72	24.72	24.50
		DFT-s 64QAM DFT-s 256QAM	1	1	26.46	26.49	26.16	24.66	24.69	24.36
		DFT-s 64QAM DFT-s 256QAM CP OPSK	1	1	24.94	24.97	24.75	23.14	23.17	22.95
		DFT-s 256QAM CP QPSK	1	1	26.63	26.59	26.35	24.83	24.79	24.55
		CP 16QAM	1	1	26.37	26.40	26.15	24.57	24.60	24.35
		CP 64QAM	1	1	26.23	26.20	25.90	24.43	24.40	24.10
		CP 256QAM	1	1	22.96	23.25	22.94	21.16	21.45	21.14
			P 256QAM 1 1 22.96 23.25 22.94 Part27: 3450 to 3550 MHz Conducted Average (dBm)				EIRP (dBm)			
5	G NR Band	n77_Part27: 3450	to 3550 MH	Z	Condu	cted Average	(dBm)		EIRP (dBm)	
5	G NR Band Antenna Ga	n77_Part27: 3450 ain(dBi)	to 3550 MH -1.79	z 714	Condu Channel (A	cted Average RFCH)/ Freq	(dBm) ency(MHz)	Channel (A	EIRP (dBm) ARFCH)/ Freq	ency(MHz)
5	G NR Band Antenna Ga EIRP Lim	n77_Part27: 3450 ain(dBi) it (W)	to 3550 MH -1.79 1	z 1714	Condu Channel (A Low	cted Average RFCH)/ Freq Mid	(dBm) ency(MHz) High	Channel (A Low	EIRP (dBm) ARFCH)/ Freq Mid	ency(MHz) High
5	G NR Band Antenna Ga EIRP Lim	n77_Part27: 3450 ain(dBi) it (W)	to 3550 MH -1.79 1 RB	z 714 RB	Condu Channel (A Low 632000	cted Average RFCH)/ Freq Mid 633334	(dBm) ency(MHz) High 634666	Channel (# Low 632000	EIRP (dBm) RFCH)/ Freq Mid 633334	ency(MHz) High 634666
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation	to 3550 MH -1.79 1 RB Allocation	z 1714 RB Offset	Condu Channel (A Low 632000 3480	cted Average RFCH)/ Freq Mid 633334 3500.01	(dBm) ency(MHz) High 634666 3519.99	Channel (A Low 632000 3480	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01	ency(MHz) High 634666 3519.99
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation	to 3550 MH -1.79 1 RB Allocation 1	z 714 RB Offset 1	Condu Channel (A Low 632000 3480 26.49	cted Average RFCH)/ Freq Mid 633334 3500.01 26.36	(dBm) ency(MHz) High 634666 3519.99 26.24	Channel (# Low 632000 3480 24.69	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56	ency(MHz) High 634666 3519.99 24.44
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation	to 3550 MH -1.79 1 RB Allocation 1 1	z 714 RB Offset 1 160	Condu Channel (A Low 632000 3480 26.49 25.88	cted Average RFCH)/ Freq Mid 633334 3500.01 26.36 25.87	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95	Channel (# Low 632000 3480 24.69 24.08	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56 24.07	ency(MHz) High 634666 3519.99 24.44 24.15
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3550 MH -1.79 RB Allocation 1 1 81	z 714 RB Offset 1 160 40	Condu Channel (A Low 632000 3480 26.49 25.88 26.14	cted Average RFCH)/ Freq Mid 6333334 3500.01 26.36 25.87 26.07	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95 25.93	Channel (# Low 632000 3480 24.69 24.08 24.34	EIRP (dBm) RFCH)/ Freq Mid 6333334 3500.01 24.56 24.07 24.27	ency(MHz) High 634666 3519.99 24.44 24.15 24.13
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3550 MH -1.79 RB Allocation 1 1 81 162	z 714 RB Offset 1 160 40 0	Condu Channel (A 632000 3480 26.49 25.88 26.14 26.11	cted Average RFCH)/ Freq Mid 6333334 3500.01 26.36 25.87 26.07 26.08	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95 25.93 25.99	Channel (# Low 632000 3480 24.69 24.08 24.34 24.31	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56 24.07 24.27 24.28	ency(MHz) High 634666 3519.99 24.44 24.15 24.13 24.19
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT -s PI/2 BPSK	to 3550 MH -1.79 RB Allocation 1 1 81 162 1	z 714 RB Offset 1 160 40 0 1	Condu Channel (A Low 632000 3480 26.49 25.88 26.14 26.11 26.43	cted Average RFCH)/ Freq Mid 633334 3500.01 26.36 25.87 26.07 26.08 26.34	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95 25.93 25.99 26.15	Channel (A Low 632000 3480 24.69 24.08 24.34 24.31 24.63	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56 24.07 24.27 24.28 24.54	ency(MHz) High 634666 3519.99 24.44 24.15 24.13 24.19 24.35
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3550 MH -1.79 RB Allocation 1 1 81 162 1 1 1 2 1	z 714 RB Offset 1 160 40 0 1 1 160	Condu Channel (A Low 632000 3480 26.49 25.88 26.14 26.11 26.43 25.80	cted Average RFCH)/ Freq Mid 633334 3500.01 26.36 25.87 26.07 26.08 26.34 25.96	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95 25.93 25.99 26.15 26.02	Channel (# Low 632000 3480 24.69 24.08 24.34 24.31 24.63 24.00	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56 24.07 24.27 24.28 24.54 24.54 24.16	ency(MHz) High 634666 3519.99 24.44 24.15 24.13 24.13 24.19 24.35 24.22
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	to 3550 MH -1.79 RB Allocation 1 1 81 162 1 1 1 81	z 714 RB Offset 1 160 40 0 1 160 40	Condu Channel (A Low 632000 3480 26.49 25.88 26.14 26.11 26.43 25.80 26.11	cted Average RFCH)/ Freq Mid 633334 3500.01 26.36 25.87 26.07 26.08 26.34 25.96 26.09	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95 25.93 25.99 26.15 26.02 25.89	Channel (# Low 632000 3480 24.69 24.08 24.34 24.31 24.31 24.63 24.00 24.31	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56 24.07 24.27 24.28 24.54 24.54 24.16 24.29	ency(MHz) High 634666 3519.99 24.44 24.15 24.13 24.19 24.35 24.22 24.09
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	to 3550 MH -1.79 RB Allocation 1 1 81 162 1 1 81 162	z 714 RB Offset 1 160 40 0 1 160 40 0	Condu Channel (A 632000 3480 26.49 25.88 26.14 26.11 26.43 25.80 26.11 26.43	cted Average RFCH)/ Freq Mid 6333334 3500.01 26.36 25.87 26.07 26.08 26.34 25.96 26.09 26.07	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95 25.93 25.99 26.15 26.02 25.89 25.92	Channel (# Low 632000 3480 24.69 24.08 24.34 24.31 24.63 24.00 24.31 24.35	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56 24.07 24.27 24.28 24.54 24.54 24.16 24.29 24.27	ency(MHz) High 634666 3519.99 24.44 24.15 24.13 24.19 24.35 24.22 24.09 24.12
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM	to 3550 MH -1.79 RB Allocation 1 1 1 81 162 1 81 162 1 81 162 1 81 162 1	z 714 RB Offset 1 160 40 0 1 160 40 0 1	Condu Channel (A Low 632000 3480 25.88 26.14 26.11 26.43 25.80 26.11 26.43 25.80 26.11 26.15 26.23	cted Average RFCH)/ Freq Mid 6333334 3500.01 26.36 25.87 26.07 26.08 26.34 25.96 26.09 26.07 26.07 26.19	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95 25.93 25.99 26.15 26.02 25.89 25.92 25.92 26.08	Channel (# Low 632000 3480 24.69 24.08 24.34 24.31 24.63 24.00 24.31 24.35 24.43	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56 24.07 24.27 24.28 24.54 24.54 24.54 24.54 24.54 24.27 24.29 24.27 24.27 24.39	ency(MHz) High 634666 3519.99 24.44 24.15 24.13 24.19 24.35 24.22 24.09 24.12 24.28
60	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM	to 3550 MH -1.79 RB Allocation 1 1 81 162 1 81 162 1 1 81 162 1 1 1 1 1 1 1 1 1 1 1 1 1	z 714 RB Offset 1 160 40 0 1 160 40 0 1 160 40 0 1 1	Condu Channel (A 632000 3480 26.49 25.88 26.14 26.11 26.43 25.80 26.11 26.15 26.23 26.16	cted Average RFCH)/ Freq Mid 633334 3500.01 26.36 25.87 26.07 26.08 26.34 25.96 26.09 26.09 26.07 26.19 26.12	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95 25.93 25.99 26.15 26.02 25.89 25.92 25.92 26.08 25.08	Channel (# Low 632000 3480 24.69 24.08 24.34 24.31 24.63 24.00 24.31 24.35 24.30 24.35 24.43	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56 24.07 24.27 24.28 24.54 24.16 24.29 24.27 24.29 24.27 24.39 24.32	ency(MHz) High 634666 3519.99 24.44 24.15 24.13 24.19 24.35 24.22 24.09 24.12 24.28 24.28 24.26
60	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM DFT-s 256QAM	to 3550 MH -1.79 RB Allocation 1 1 81 162 1 81 162 1 1 81 162 1 1 1 1 1 1 1 1 1 1 1 1 1	z 714 RB Offset 1 160 40 0 1 160 40 0 1 1 160 1 1 1	Condu Channel (A Low 632000 3480 25.88 26.14 26.11 26.43 25.80 26.11 26.43 25.80 26.11 26.15 26.23 26.16 24.74	cted Average RFCH)/ Freq Mid 633334 3500.01 26.36 25.87 26.07 26.08 26.34 25.96 26.09 26.07 26.09 26.07 26.19 26.12 24.47	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95 25.93 25.99 26.15 26.02 25.89 25.92 26.08 25.92 26.08 26.06 24.36	Channel (# Low 632000 3480 24.69 24.08 24.34 24.31 24.33 24.00 24.31 24.35 24.43 24.35 24.43 24.36 22.94	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56 24.07 24.27 24.28 24.54 24.54 24.54 24.54 24.54 24.27 24.29 24.27 24.39 24.32 22.67	ency(MHz) High 634666 3519.99 24.44 24.15 24.13 24.19 24.35 24.22 24.09 24.12 24.28 24.28 24.26 22.56
60	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM DFT-s 256QAM CP QPSK	to 3550 MH -1.79 RB Allocation 1 1 81 162 1 1 81 162 1 1 1 1 1 1 1 1 1 1 1 1 1	z 714 RB Offset 1 160 40 0 1 160 40 0 1 1 10 1 1 1 1	Condu Channel (A Low 632000 3480 26.49 25.88 26.14 26.11 26.43 25.80 26.11 26.43 25.80 26.11 26.23 26.23 26.16 24.74 26.14	cted Average RFCH)/ Freq Mid 633334 3500.01 26.36 25.87 26.07 26.08 26.34 25.96 26.09 26.09 26.07 26.19 26.19 26.12 24.47 26.27	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95 25.93 25.99 26.15 26.02 25.89 25.92 26.08 26.08 26.06 24.36 26.02	Channel (# Low 632000 3480 24.69 24.08 24.34 24.31 24.31 24.63 24.00 24.31 24.35 24.43 24.35 24.43 24.36 22.94 24.34	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56 24.07 24.27 24.28 24.54 24.54 24.16 24.29 24.27 24.39 24.39 24.32 22.67 24.47	ency(MHz) High 634666 3519.99 24.44 24.15 24.13 24.19 24.35 24.22 24.09 24.22 24.28 24.28 24.26 22.56 24.22
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM	to 3550 MH	z 714 RB Offset 1 160 40 0 1 160 40 0 1 160 1 1 1 1 1 1 1	Condu Channel (A Low 632000 3480 26.49 25.88 26.14 26.11 26.43 25.80 26.11 26.15 26.23 26.16 24.74 26.14 26.13	cted Average RFCH)/ Freq Mid 633334 3500.01 26.36 25.87 26.07 26.08 26.34 25.96 26.09 26.09 26.07 26.19 26.12 24.47 26.27 26.11	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95 25.93 25.99 26.15 26.02 25.89 25.92 26.08 26.08 26.06 24.36 26.02 26.28	Channel (# Low 632000 3480 24.69 24.08 24.34 24.31 24.31 24.63 24.00 24.31 24.35 24.43 24.36 22.94 24.34 24.33	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56 24.07 24.27 24.28 24.54 24.54 24.54 24.54 24.54 24.27 24.39 24.32 22.67 24.47 24.31	ency(MHz) High 634666 3519.99 24.44 24.15 24.13 24.19 24.35 24.22 24.09 24.22 24.28 24.26 22.56 24.22 24.48
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM CP 64QAM	to 3550 MH	z 714 RB Offset 1 160 40 0 1 160 40 0 1 1 160 40 0 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 632000 3480 25.88 26.14 26.11 26.43 25.80 26.11 26.15 26.23 26.16 24.74 26.14 26.13 25.86	cted Average RFCH)/ Freq Mid 633334 3500.01 26.36 25.87 26.07 26.08 26.34 25.96 26.09 26.09 26.07 26.19 26.12 24.47 26.12 24.47 26.27 26.11 25.85	(dBm) ency(MHz) High 634666 3519.99 26.24 25.95 25.93 25.99 26.15 26.02 25.89 25.92 26.08 25.92 26.08 26.06 24.36 26.02 26.28 26.28 25.74	Channel (# Low 632000 3480 24.69 24.08 24.34 24.31 24.63 24.00 24.31 24.35 24.43 24.36 22.94 24.34 24.33 24.36	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.56 24.07 24.27 24.28 24.54 24.54 24.54 24.54 24.54 24.27 24.29 24.27 24.39 24.32 22.67 24.31 24.05	ency(MHz) High 634666 3519.99 24.44 24.15 24.13 24.19 24.35 24.22 24.09 24.12 24.28 24.26 22.56 24.22 24.26 22.56 24.22 24.48 23.94

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測试之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

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5	5G NR Band n77_Part27: 34 Antenna Gain(dBi)		to 3550 MH	Z	Condu	cted Average	(dBm)	EIRP (dBm) z) Channel (ARFCH)/ Freqency		
	Antenna Gain(dBi) EIRP Limit (W)		-1.79	714	Channel (A	RFCH)/ Freq	ency(MHz)	Channel (A	RFCH)/ Freq	ency(MHz)
	EIRP Limit (W) Hz) SCS (kHz) Modulatio		1		Low	Mid	High	Low	Mid	High
		Markelation	RB	RB	632668	633334	634000	632668	633334	634000
BAA (INIHZ)	SCS (KHZ)	wodulation	Allocation	Offset	3490.02	3500.01	3510	3490.02	3500.01	3510
			1	1	26.26	26.41	26.35	24.46	24.61	24.55
			1	215	25.79	25.79	25.86	23.99	23.99	24.06
			108	54	26.06	25.96	25.92	24.26	24.16	24.12
			216	0	26.03	25.98	25.89	24.23	24.18	24.09
			1	1	26.25	26.36	26.16	24.45	24.56	24.36
			1	215	25.87	25.78	25.76	24.07	23.98	23.96
			108	54	26.02	26.00	25.85	24.22	24.20	24.05
80	30	0 DFT-s 16QAM DFT-s 64QAM	216	0	26.01	25.96	25.82	24.21	24.16	24.02
		DFT-s 16QAM DFT-s 64QAM	1	1	26.09	26.05	26.12	24.29	24.25	24.32
		DFT-s 64QAM DFT-s 256QAM	1	1	26.01	26.01	26.02	24.21	24.21	24.22
		DFT-s 64QAM DFT-s 256QAM CP QPSK	1	1	24.65	24.49	24.54	22.85	22.69	22.74
		CP QPSK	1	1	25.95	26.11	26.11	24.15	24.31	24.31
		CP 16QAM	1	1	25.90	26.03	25.89	24.10	24.23	24.09
		CP 64QAM	1	1	25.54	25.57	25.83	23.74	23.77	24.03
		CP 256QAM	1	1	22.52	22.83	23.12	20.72	21.03	21.32
5	G NR Band	n77_Part27: 3450	to 3550 MH	Z	Condu	cted Average	(dBm)		EIRP (dBm)	
5	G NR Band Antenna Ga	n77_Part27: 3450 ain(dBi)	to 3550 MH	z 714	Condu Channel (A	cted Average RFCH)/ Freq	(dBm) jency(MHz)	Channel (A	EIRP (dBm) ARFCH)/ Freq	ency(MHz)
5	G NR Band Antenna Ga EIRP Lim	n77_Part27: 3450 ain(dBi) it (W)	to 3550 MH -1.79 1	z 714	Condu Channel (A Low	cted Average RFCH)/ Freq Mid	(dBm) ency(MHz) High	Channel (A Low	EIRP (dBm) \RFCH)/ Freq Mid	ency(MHz) High
50 	G NR Band Antenna Ga EIRP Lim	n77_Part27: 3450 ain(dBi) it (W)	to 3550 MH -1.79 1 RB	z 714 RB	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334	(dBm) ency(MHz) High	Channel (A Low 0	EIRP (dBm) RFCH)/ Freq Mid 633334	ency(MHz) High 0
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation	to 3550 MH -1.79 1 RB Allocation	z 714 RB Offset	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01	(dBm) ency(MHz) High	Channel (A Low 0 0	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01	ency(MHz) High 0 0
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation	to 3550 MH -1.79 1 RB Allocation 1	z 714 RB Offset 1	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01 26.22	(dBm) ency(MHz) High	Channel (A Low 0 0 0.00	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42	ency(MHz) High 0 0 0.00
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation	to 3550 MH -1.79 1 RB Allocation 1 1	z 714 RB Offset 1 271	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 6333334 3500.01 26.22 25.79	(dBm) ency(MHz) High	Channel (A Low 0 0 0.00 0.00	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42 23.99	ency(MHz) High 0 0.00 0.00
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3550 MH -1.79 RB Allocation 1 1 135	z 714 RB Offset 1 271 67	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01 26.22 25.79 25.96	(dBm) ency(MHz) High	Channel (A Low 0 0 0.00 0.00 0.00	EIRP (dBm) ARFCH)/ Freq Mid 633334 3500.01 24.42 23.99 24.16	ency(MHz) High 0 0 0.00 0.00 0.00
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT -s PI/2 BPSK	to 3550 MH -1.79 RB Allocation 1 1 135 270	z 714 RB Offset 1 271 67 0	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01 26.22 25.79 25.96 25.98	(dBm) ency(MHz) High	Channel (A Low 0 0 0.00 0.00 0.00 0.00 0.00	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42 23.99 24.16 24.18	ency(MHz) High 0 0 0.00 0.00 0.00 0.00 0.00
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3550 MH -1.79 RB Allocation 1 1 135 270 1	z 714 RB Offset 1 271 67 0 1	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01 26.22 25.79 25.96 25.98 26.07	(dBm) ency(MHz) High	Channel (# Low 0 0 0.00 0.00 0.00 0.00 0.00 0.00	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42 23.99 24.16 24.18 24.27	ency(MHz) High 0 0.00 0.00 0.00 0.00 0.00 0.00
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT -s PI/2 BPSK	to 3550 MH -1.79 RB Allocation 1 1 135 270 1 1 1	z 714 RB Offset 1 271 67 0 1 271	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01 26.22 25.79 25.96 25.98 26.07 25.79	(dBm) ency(MHz) High	Channel (A Low 0 0 0.00 0.00 0.00 0.00 0.00 0.00 0.0	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42 23.99 24.16 24.18 24.27 23.99	ency(MHz) High 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	to 3550 MH -1.79 RB Allocation 1 135 270 1 1 1 135	z 714 RB Offset 1 271 67 0 1 271 67	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01 26.22 25.79 25.96 25.98 26.07 25.79 25.79 25.79	(dBm) ency(MHz) High	Channel (A Low 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42 23.99 24.16 24.18 24.27 23.99 24.17	ency(MHz) High 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	to 3550 MH -1.79 RB Allocation 1 1 135 270 1 1 1 135 270	z 714 RB Offset 1 271 67 0 1 271 67 0	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01 26.22 25.79 25.96 25.98 26.07 25.79 25.97 25.97 25.93	(dBm) ency(MHz) High	Channel (A Low 0 0 0.00 0.00 0.00 0.00 0.00 0.00 0.0	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42 23.99 24.16 24.18 24.27 23.99 24.17 23.99 24.17 24.13	ency(MHz) High 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM	to 3550 MH -1.79 RB Allocation 1 1 1 1 35 270 1 1 1 35 270 1 1 1 1 1 35 270 1 1 1 1 1 1 1 1 1 1 1 1 1	z 714 RB Offset 1 271 67 0 1 271 67 0 1	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01 26.22 25.79 25.96 25.98 26.07 25.79 25.97 25.97 25.93 26.05	(dBm) ency(MHz) High	Channel (A Low 0 0 0.00 0.00 0.00 0.00 0.00 0.00 0.0	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42 23.99 24.16 24.18 24.27 23.99 24.17 23.99 24.17 24.13 24.25	ency(MHz) High 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM	to 3550 MH -1.79 RB Allocation 1 1 135 270 1 1 135 270 1 1 1 135 270 1 1 1 1 1 1 1 1 1 1 1 1 1	z 714 RB Offset 1 271 67 0 1 271 67 0 1 271 67 0 1 1	Condu Channel (A Low	Cted Average RFCH)/ Freq Mid 633334 3500.01 26.22 25.79 25.96 25.98 26.07 25.97 25.93 26.05 26.00	(dBm) ency(MHz) High	Channel (A Low 0 0 0.00 0.00 0.00 0.00 0.00 0.00 0.0	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42 23.99 24.16 24.18 24.27 23.99 24.17 23.99 24.17 23.99 24.17 24.23 24.20	ency(MHz) High 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM DFT-s 256QAM	to 3550 MH -1.79 RB Allocation 1 1 135 270 1 1 135 270 1 1 135 270 1 1 1 1 1 1 1 1 1 1 1 1 1	z 714 RB Offset 1 271 67 0 1 271 67 0 1 271 67 0 1 1 1	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01 26.22 25.79 25.96 25.98 26.07 25.97 25.97 25.93 26.05 26.00 24.43	(dBm) ency(MHz) High	Channel (A Low 0 0 0.00 0.00 0.00 0.00 0.00 0.00 0.0	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42 23.99 24.16 24.18 24.27 23.99 24.17 24.13 24.25 24.20 22.63	ency(MHz) High 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK	to 3550 MH -1.79 RB Allocation 1 1 135 270 1 1 135 270 1 1 1 1 1 1 1 1 1 1 1 1 1	z 714 RB Offset 1 271 67 0 1 271 67 0 1 271 67 0 1 1 1 1 1	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01 26.22 25.79 25.96 25.98 26.07 25.97 25.97 25.97 25.93 26.05 26.00 24.43 25.88	(dBm) ency(MHz) High	Channel (A Low 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42 23.99 24.16 24.18 24.27 23.99 24.17 24.13 24.27 23.99 24.17 24.13 24.25 24.20 22.63 24.08	ency(MHz) High 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM	to 3550 MH -1.79 RB Allocation 1 1 1 1 35 270 1 1 1 35 270 1 1 1 1 1 1 1 1 1 1 1 1 1	z 714 RB Offset 1 271 67 0 1 271 67 0 1 271 67 0 1 1 1 1 1 1	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01 26.22 25.79 25.96 25.98 26.07 25.97 25.97 25.93 26.05 26.00 24.43 25.88 25.84	(dBm) ency(MHz) High	Channel (A Low 0 0 0.00 0.00 0.00 0.00 0.00 0.00 0.0	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42 23.99 24.16 24.18 24.27 23.99 24.17 24.13 24.27 23.99 24.17 24.13 24.20 22.63 24.00 22.63 24.04	ency(MHz) High 0 0 0.00 0.00 0.00 0.00 0.00 0.00 0.0
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3450 ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM CP 64QAM	to 3550 MH -1.79 RB Allocation 1 1 1 1 35 270 1 1 1 1 1 1 1 1 1 1 1 1 1	z 714 RB Offset 1 271 67 0 1 271 67 0 1 271 67 0 1 1 1 1 1 1 1	Condu Channel (A Low	cted Average RFCH)/ Freq Mid 633334 3500.01 26.22 25.79 25.96 25.98 26.07 25.79 25.97 25.93 26.05 26.00 24.43 25.88 25.84 25.84 25.70	(dBm) ency(MHz) High	Channel (A Low 0 0 0.00 0.00 0.00 0.00 0.00 0.00 0.0	EIRP (dBm) RFCH)/ Freq Mid 633334 3500.01 24.42 23.99 24.16 24.18 24.27 23.99 24.17 24.13 24.27 23.99 24.17 24.13 24.25 24.20 22.63 24.00 22.63 24.04 23.90	ency(MHz) High 0 0 0.00 0.00 0.00 0.00 0.00 0.00 0.0

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台灣檢驗科技股份有限公司

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5	5G NR Band n77_Part27: 37 Antenna Gain(dBi)			3700 to 3980 MHz -1.868 C		Conducted Average (dBm) Channel (ARFCH)/ Freqency(MHz		EIRP (dBm)			
	Antenna Ga	ain(dBi)	-1.8	368	Channel (A	RFCH)/ Freq	ency(MHz)	Channel (A	RFCH)/Freq	ency(MHz)	
	EIRP Limit (W) z) SCS (kHz) Modulation		1		Low	Mid	High	Low	Mid	High	
			RB	RB	647334	656000	664666	647334	656000	664666	
BW (MHz)	SCS (kHz)	Modulation	Allocation	Offset	3710.01	3840	3969.99	3710.01	3840	3969.99	
			1	1	26.62	26.28	26.90	24.75	24.41	25.03	
			1	49	26.34	25.96	26.66	24.47	24.09	24.79	
		DI I-SFI/2 DF SK	25	12	26.32	26.02	26.68	24.45	24.15	24.81	
			50	0	26.36	26.01	26.71	24.49	24.14	24.84	
			1	1	26.59	26.24	26.88	24.72	24.37	25.01	
			1	49	26.28	25.91	26.57	24.41	24.04	24.70	
			25	12	26.35	25.99	26.69	24.48	24.12	24.82	
20	30	DFT-s 16QAM	50	0	26.35	26.00	26.64	24.48	24.13	24.77	
		DFT-s 16QAM DFT-s 64QAM	1	1	26.37	26.04	26.76	24.50	24.17	24.89	
		DFT-s 64QAM DFT-s 64QAM DFT-s 256QAM	1	1	26.34	26.00	26.72	24.47	24.13	24.85	
		DFT-s 256QAM	1	1	24.84	24.52	25.14	22.97	22.65	23.27	
		CP QPSK	1	1	26.43	26.11	26.75	24.56	24.24	24.88	
		CP 16QAM	1	1	26.37	26.02	26.63	24.50	24.15	24.76	
		CP 64QAM	1	1	26.27	25.96	26.54	24.40	24.09	24.67	
		CP 256QAM	1	1	23.30	23.01	23.57	21.43	21.14	21.70	
		CP 64QAM CP 256QAM	CP 256QAM 1 1 23.30 23.01 23.57 In 77 Part 27: 3700 to 3980 MHz Conducted Average (dBm)					EIRP (dBm)			
5	G NR Band	n77_Part27: 3700	7_Part27: 3700 to 3980 MHz Conducted Average (dBm)					EIRP (dBm)			
5	G NR Band Antenna Ga	n77_Part27: 3700 ain(dBi)	to 3980 MH -1.8	Iz 368	Condu Channel (A	cted Average RFCH)/ Freq	(dBm) ency(MHz)	Channel (A	EIRP (dBm) ARFCH)/ Freq	ency(MHz)	
5	G NR Band Antenna Ga EIRP Lim	n77_Part27: 3700 ain(dBi) it (W)	to 3980 MH -1.8 1	Iz 368 1	Condu Channel (A Low	cted Average RFCH)/ Freq Mid	(dBm) ency(MHz) High	Channel (A	EIRP (dBm) ARFCH)/ Freq Mid	ency(MHz) High	
5 	G NR Band Antenna Ga EIRP Lim	n77_Part27: 3700 ain(dBi) it (W)	to 3980 MH -1.8 RB	Iz 368 I RB	Condu Channel (A Low 647668	cted Average RFCH)/ Freq Mid 656000	(dBm) ency(MHz) High 664332	Channel (A Low 647668	EIRP (dBm) RFCH)/ Freq Mid 656000	ency(MHz) High 664332	
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 iin(dBi) it (W) Modulation	to 3980 MH -1.8 1 RB Allocation	Iz 368 RB Offset	Condu Channel (A Low 647668 3715.02	cted Average RFCH)/ Freq Mid 656000 3840	(dBm) ency(MHz) High 664332 3964.98	Channel (A Low 647668 3715.02	EIRP (dBm) RFCH)/ Freq Mid 656000 3840	ency(MHz) High 664332 3964.98	
5 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation	to 3980 MH -1.8 1 RB Allocation 1	Iz 368 RB Offset 1	Condu Channel (A Low 647668 3715.02 26.84	cted Average RFCH)/ Freq Mid 656000 3840 26.56	(dBm) ency(MHz) High 664332 3964.98 27.15	Channel (A Low 647668 3715.02 24.97	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69	ency(MHz) High 664332 3964.98 25.28	
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 iin(dBi) it (W) Modulation	to 3980 MH -1.8 RB Allocation 1 1	Iz 368 I RB Offset 1 76	Condu Channel (A Low 647668 3715.02 26.84 26.37	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09	(dBm) ency(MHz) High 664332 3964.98 27.15 26.58	Channel (# Low 647668 3715.02 24.97 24.50	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22	ency(MHz) High 664332 3964.98 25.28 24.71	
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3980 MH -1.8 RB Allocation 1 1 36	Iz 368 RB Offset 1 76 18	Condu Channel (A 647668 3715.02 26.84 26.37 26.45	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09 26.12	(dBm) ency(MHz) High 664332 3964.98 27.15 26.58 26.63	Channel (A Low 647668 3715.02 24.97 24.50 24.58	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22 24.25	ency(MHz) High 664332 3964.98 25.28 24.71 24.76	
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 iin(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3980 MH -1.8 RB Allocation 1 1 36 75	Iz 368 RB Offset 1 76 18 0	Condu Channel (A 647668 3715.02 26.84 26.37 26.45 26.35	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09 26.12 26.24	(dBm) ency(MHz) High 664332 3964.98 27.15 26.58 26.63 26.64	Channel (A Low 647668 3715.02 24.97 24.50 24.58 24.48	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22 24.25 24.37	ency(MHz) High 6664332 3964.98 25.28 24.71 24.76 24.77	
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 iin(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3980 MH -1.8 RB Allocation 1 1 36 75 1	Iz 368 RB Offset 1 76 18 0 1	Condu Channel (A 647668 3715.02 26.84 26.37 26.45 26.35 26.72	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09 26.12 26.24 26.24 26.49	(dBm) ency(MHz) High 664332 3964.98 27.15 26.58 26.63 26.64 26.85	Channel (A Low 647668 3715.02 24.97 24.50 24.58 24.48 24.85	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22 24.25 24.37 24.62	ency(MHz) High 664332 3964.98 25.28 24.71 24.76 24.77 24.98	
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 iin(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3980 MH -1.8 RB Allocation 1 1 36 75 1 1 1	Iz 3668 RB Offset 1 76 18 0 1 76 1 76	Condu Channel (A 647668 3715.02 26.84 26.37 26.45 26.35 26.72 26.40	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09 26.12 26.24 26.24 26.49 26.07	(dBm) ency(MHz) High 664332 3964.98 27.15 26.58 26.63 26.63 26.64 26.85 26.66	Channel (A Low 647668 3715.02 24.97 24.50 24.58 24.48 24.85 24.53	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22 24.25 24.37 24.62 24.20	ency(MHz) High 664332 3964.98 25.28 24.71 24.76 24.77 24.98 24.79	
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	to 3980 MH -1.8 RB Allocation 1 1 36 75 1 1 1 36	Iz 368 RB Offset 1 76 18 0 1 76 18 76 18	Condu Channel (A 647668 3715.02 26.84 26.37 26.45 26.35 26.72 26.40 26.42	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09 26.12 26.24 26.24 26.24 26.24 26.07 26.10	(dBm) ency(MHz) High 664332 3964.98 27.15 26.58 26.63 26.64 26.85 26.66 26.65	Channel (A Low 647668 3715.02 24.97 24.50 24.58 24.48 24.48 24.85 24.53 24.55	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22 24.25 24.37 24.62 24.20 24.23	ency(MHz) High 664332 3964.98 25.28 24.71 24.76 24.77 24.98 24.79 24.78	
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 iin (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	to 3980 MH -1.8 RB Allocation 1 1 36 75 1 1 36 75	Iz 368 RB Offset 1 76 18 0 1 76 18 0	Condu Channel (A 647668 3715.02 26.84 26.37 26.45 26.35 26.72 26.40 26.42 26.35	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09 26.12 26.24 26.24 26.49 26.07 26.10 26.12	(dBm) ency(MHz) High 664332 3964.98 27.15 26.58 26.63 26.64 26.85 26.66 26.65 26.73	Channel (A Low 647668 3715.02 24.97 24.50 24.58 24.48 24.85 24.53 24.55 24.48	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22 24.25 24.25 24.37 24.62 24.20 24.20 24.23 24.25	ency(MHz) High 6664332 3964.98 24.71 24.76 24.77 24.78 24.79 24.78 24.86	
50 BW (MHz) 30	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 iin(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM	to 3980 MH -1.8 RB Allocation 1 1 36 75 1 1 36 75 1 1 36 75 1	Iz 368 RB Offset 1 76 18 0 1 76 18 0 1 76 18 0 1 76 18 0 1 76 18 0 1 76 76 1 7 76 1 76 1 76 1 76 1 76 1 76 1 76 1	Condu Channel (A 647668 3715.02 26.84 26.37 26.45 26.35 26.72 26.40 26.42 26.35 26.42 26.35 26.46	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09 26.12 26.24 26.49 26.07 26.10 26.10 26.12 26.33	(dBm) ency(MHz) High 664332 3964.98 27.15 26.58 26.63 26.64 26.85 26.64 26.85 26.65 26.73 26.73 26.78	Channel (A Low 647668 3715.02 24.97 24.50 24.58 24.58 24.48 24.85 24.53 24.55 24.48 24.55 24.48 24.55	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22 24.25 24.37 24.62 24.20 24.23 24.23 24.25 24.46	ency(MHz) High 664332 3964.98 24.71 24.76 24.77 24.78 24.79 24.78 24.78 24.86 24.91	
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 iin(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM	to 3980 MH -1.8 RB Allocation 1 1 36 75 1 1 36 75 1 1 36 75 1 1 1 36 75	Iz 368 RB Offset 1 76 18 0 1 76 18 0 1 18 0 1 18 0 1 18 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A 647668 3715.02 26.84 26.37 26.45 26.35 26.72 26.40 26.42 26.35 26.40 26.42 26.35 26.46 26.44	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09 26.12 26.24 26.49 26.49 26.07 26.10 26.12 26.33 26.15	(dBm) ency(MHz) High 664332 3964.98 27.15 26.58 26.63 26.64 26.65 26.65 26.73 26.73 26.78 26.72	Channel (A Low 647668 3715.02 24.97 24.50 24.58 24.58 24.48 24.85 24.53 24.55 24.48 24.55 24.48 24.59 24.57	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22 24.25 24.37 24.62 24.20 24.23 24.23 24.25 24.25 24.46 24.28	ency(MHz) High 664332 3964.98 24.71 24.76 24.77 24.78 24.79 24.78 24.86 24.86 24.91 24.85	
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 iin (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 64QAM DFT-s 256QAM	to 3980 MH -1.8 RB Allocation 1 1 36 75 1 1 36 75 1 1 36 75 1 1 1 1 1 1	Iz 368 RB Offset 1 76 18 0 1 76 18 0 1 1 1 1 1 1	Condu Channel (A 647668 3715.02 26.84 26.37 26.45 26.35 26.72 26.40 26.42 26.35 26.40 26.42 26.35 26.46 26.44 24.87	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09 26.12 26.24 26.49 26.07 26.10 26.12 26.33 26.15 24.62	(dBm) ency(MHz) High 664332 3964.98 27.15 26.58 26.63 26.63 26.64 26.85 26.64 26.65 26.73 26.73 26.78 26.72 25.01	Channel (A Low 647668 3715.02 24.97 24.50 24.58 24.58 24.48 24.55 24.53 24.55 24.48 24.59 24.57 23.00	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22 24.25 24.37 24.62 24.20 24.23 24.23 24.25 24.46 24.28 22.75	ency(MHz) High 664332 3964.98 24.71 24.76 24.77 24.78 24.79 24.78 24.86 24.91 24.85 23.14	
50 BW (MHz) 30	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 iin (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK	to 3980 MH -1.8 RB Allocation 1 1 36 75 1 1 36 75 1 1 36 75 1 1 1 1 1 1 1 1	Iz 368 RB Offset 1 76 18 0 1 76 18 0 1 1 1 1 1 1 1	Condu Channel (A 647668 3715.02 26.84 26.37 26.45 26.35 26.72 26.40 26.42 26.35 26.40 26.42 26.35 26.44 26.44 24.87 26.42	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09 26.12 26.24 26.24 26.49 26.07 26.10 26.12 26.33 26.15 24.62 26.36	(dBm) ency(MHz) High 664332 3964.98 27.15 26.58 26.63 26.64 26.65 26.64 26.65 26.73 26.73 26.78 26.72 25.01 26.80	Channel (A Low 647668 3715.02 24.97 24.50 24.58 24.58 24.48 24.53 24.55 24.48 24.55 24.48 24.57 24.57 23.00 24.55	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22 24.25 24.37 24.62 24.20 24.23 24.25 24.40 24.28 22.75 24.49	ency(MHz) High 664332 3964.98 25.28 24.71 24.76 24.77 24.98 24.79 24.78 24.85 24.85 23.14 24.93	
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM	to 3980 MH -1.8 RB Allocation 1 1 36 75 1 1 36 75 1 1 1 36 75 1 1 1 1 1 1 1 1 1	Iz 368 RB Offset 1 76 18 0 1 76 18 0 1 1 1 1 1 1 1 1	Condu Channel (A 647668 3715.02 26.84 26.37 26.45 26.35 26.72 26.40 26.42 26.35 26.40 26.42 26.35 26.44 24.87 26.42 26.42 26.52	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09 26.12 26.24 26.24 26.49 26.07 26.10 26.12 26.33 26.15 24.62 26.36 26.24	(dBm) enc y(MHz) High 664332 3964.98 27.15 26.58 26.63 26.64 26.65 26.64 26.65 26.73 26.73 26.73 26.72 25.01 26.80 26.73	Channel (A Low 647668 3715.02 24.97 24.50 24.58 24.48 24.53 24.55 24.48 24.55 24.55 24.48 24.59 24.57 23.00 24.55 24.65	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22 24.25 24.37 24.62 24.23 24.25 24.23 24.25 24.23 24.25 24.46 24.28 22.75 24.49 24.37	ency(MHz) High 664332 3964.98 25.28 24.71 24.76 24.77 24.78 24.79 24.78 24.85 23.14 24.85 23.14 24.85 23.14	
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK CP 16QAM CP 64QAM	to 3980 MH -1.8 RB Allocation 1 1 36 75 1 1 36 75 1 1 36 75 1 1 1 1 1 1 1 1 1 1 1 1 1	Iz 368 RB Offset 1 76 18 0 1 76 18 0 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A 647668 3715.02 26.84 26.37 26.45 26.35 26.72 26.40 26.42 26.35 26.40 26.42 26.35 26.46 26.44 24.87 26.42 26.52 26.05	cted Average RFCH)/ Freq Mid 656000 3840 26.56 26.09 26.12 26.24 26.24 26.49 26.07 26.10 26.12 26.33 26.15 24.62 26.36 26.24 26.36 26.24 25.84	(dBm) enc y(MHz) High 664332 3964.98 27.15 26.58 26.63 26.64 26.65 26.64 26.65 26.73 26.73 26.78 26.72 25.01 26.80 26.73 26.73 26.73	Channel (A Low 647668 3715.02 24.97 24.50 24.58 24.48 24.85 24.53 24.55 24.48 24.55 24.55 24.48 24.57 23.00 24.55 24.65 24.18	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.69 24.22 24.25 24.37 24.62 24.20 24.23 24.25 24.46 24.28 22.75 24.49 24.37 23.97	ency(MHz) High 664332 3964.98 24.71 24.76 24.77 24.78 24.78 24.78 24.78 24.86 24.91 24.85 23.14 24.93 24.93 24.86 24.43	

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台灣檢驗科技股份有限公司

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5	G NR Band	n77_Part27: 3700	to 3980 MH	z	Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	ain(dBi)	-1.8	868	Channel (A	RFCH)/ Freq	ency(MHz)	Channel (A	ARFCH)/Freq	ency(MHz)
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
		Madulation	RB	RB	648000	656000	664000	648000	656000	664000
BVV (IVIHZ)	5C5 (KHZ)	wodulation	Allocation	Offset	3720	3840	3960	3720	3840	3960
			1	1	26.96	26.70	26.90	25.09	24.83	25.03
			1	104	26.57	26.10	26.46	24.70	24.23	24.59
			50	25	26.49	26.13	26.65	24.62	24.26	24.78
			100	0	26.50	26.13	26.60	24.63	24.26	24.73
			1	1	26.72	26.49	26.89	24.85	24.62	25.02
			1	104	26.63	26.07	26.46	24.76	24.20	24.59
		DI 1-3 QF SK	50	25	26.49	26.11	26.56	24.62	24.24	24.69
40	30	DFT-s 16QAM	100	0	26.53	26.14	26.64	24.66	24.27	24.77
		DFT-s 16QAM DFT-s 64QAM	1	1	26.62	26.31	26.86	24.75	24.44	24.99
		DFT-S 64QAM DFT-S 256QAM	1	1	26.57	26.30	26.68	24.70	24.43	24.81
		DFT-s 64QAM DFT-s 256QAM	1	1	25.08	24.81	25.00	23.21	22.94	23.13
		CP QPSK	1	1	26.64	26.37	26.60	24.77	24.50	24.73
		CP 16QAM	1	1	26.57	26.35	26.52	24.70	24.48	24.65
		CP 64QAM	1	1	26.33	25.92	26.17	24.46	24.05	24.30
		CP 256QAM	1	1	23.54	23.15	23.32	21.67	21.28	21.45
		CP 64QAM CP 256QAM	256QAM 1 1 23.54 23.15 23.32 Dart27: 2700 to 2000 MHz Conducted Average (dPm)				EIRP (dBm)			
5	G NR Band	n77_Part27: 3700 t	to 3980 MH	z	Condu	cted Average	(dBm)		EIRP (dBm)	
5	G NR Band Antenna Ga	n77_Part27: 3700 ain(dBi)	to 3980 MH -1.8	z 868	Condu Channel (A	cted Average RFCH)/ Freq	(dBm) ency(MHz)	Channel (A	EIRP (dBm) ARFCH)/ Freq	ency(MHz)
5	G NR Band Antenna Ga EIRP Lim	n77_Part27: 3700 ain(dBi) it (W)	to 3980 MH -1.8 1	z 368	Condu Channel (A Low	cted Average RFCH)/ Freq Mid	(dBm) ency(MHz) High	Channel (A	EIRP (dBm) ARFCH)/ Freq Mid	ency(MHz) High
5	G NR Band Antenna Ga EIRP Lim	n77_Part27: 3700 ain(dBi) it (W)	to 3980 MH -1.8 1 RB	2 868 RB	Condu Channel (A Low 648668	cted Average RFCH)/ Freq Mid 656000	(dBm) ency(MHz) High 663332	Channel (# Low 648668	EIRP (dBm) RFCH)/ Freq Mid 656000	ency(MHz) High 663332
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation	to 3980 MH -1.8 1 RB Allocation	RB Offset	Condu Channel (A Low 648668 3730.02	cted Average RFCH)/ Freq Mid 656000 3840	(dBm) ency(MHz) High 663332 3949.98	Channel (A Low 648668 3730.02	EIRP (dBm) RFCH)/ Freq Mid 656000 3840	ency(MHz) High 663332 3949.98
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation	to 3980 MH -1.8 1 RB Allocation	z 168 RB Offset 1	Condu Channel (A Low 648668 3730.02 26.52	cted Average RFCH)/ Freq Mid 656000 3840 26.17	(dBm) ency(MHz) High 663332 3949.98 26.48	Channel (A Low 648668 3730.02 24.65	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30	ency(MHz) High 663332 3949.98 24.61
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation	to 3980 MH -1.8 1 RB Allocation 1 1	268 RB Offset 1 160	Condu Channel (A Low 648668 3730.02 26.52 26.08	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73	Channel (# Low 648668 3730.02 24.65 24.21	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85	ency(MHz) High 663332 3949.98 24.61 23.86
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3980 MH -1.8 RB Allocation 1 1 81	z 868 RB Offset 1 160 40	Condu Channel (A Low 648668 3730.02 26.52 26.08 26.17	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72 25.85	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73 26.08	Channel (<i>F</i> Low 648668 3730.02 24.65 24.21 24.30	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85 23.98	ency(MHz) High 663332 3949.98 24.61 23.86 24.21
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3980 MH -1.8 RB Allocation 1 1 81 162	268 RB Offset 1 160 40 0	Condu Channel (A Low 648668 3730.02 26.52 26.08 26.17 26.12	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72 25.85 25.78	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73 26.08 26.12	Channel (# Low 648668 3730.02 24.65 24.21 24.30 24.25	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85 23.98 23.91	ency(MHz) High 663332 3949.98 24.61 23.86 24.21 24.25
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3980 MH -1.8 RB Allocation 1 1 81 162 1	z 868 RB Offset 1 160 40 0 1	Condu Channel (A Low 648668 3730.02 26.52 26.08 26.17 26.12 26.29	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72 25.85 25.78 26.08	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73 26.08 26.12 26.40	Channel (A Low 648668 3730.02 24.65 24.21 24.30 24.25 24.42	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85 23.98 23.91 24.21	ency(MHz) High 663332 3949.98 24.61 23.86 24.21 24.25 24.53
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3980 MH -1.8 RB Allocation 1 1 81 162 1 1 1 2 1	z RB Offset <u>1</u> 160 40 0 1 1 160	Condu Channel (A Low 648668 3730.02 26.52 26.08 26.17 26.12 26.29 26.09	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72 25.85 25.78 25.78 26.08 25.68	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73 26.08 26.12 26.40 25.75	Channel (# Low 648668 3730.02 24.65 24.21 24.30 24.25 24.42 24.42 24.22	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85 23.98 23.91 24.21 23.81	ency(MHz) High 663332 3949.98 24.61 23.86 24.21 24.25 24.25 24.53 23.88
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	to 3980 MH -1.8 RB Allocation 1 1 81 162 1 1 1 81	z 868 RB Offset 1 160 40 0 1 160 40 40	Condu Channel (A Low 648668 3730.02 26.52 26.08 26.17 26.12 26.29 26.09 26.09 26.19	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72 25.85 25.78 26.08 25.68 25.68 25.87	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73 26.08 26.12 26.40 25.75 26.10	Channel (# Low 648668 3730.02 24.65 24.21 24.30 24.25 24.42 24.22 24.22 24.32	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85 23.98 23.91 24.21 23.81 24.00	ency(MHz) High 663332 3949.98 24.61 23.86 24.21 24.25 24.25 24.53 23.88 24.23
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	to 3980 MH -1.8 RB Allocation 1 1 81 162 1 1 81 162	z 868 RB Offset 1 160 40 0 1 160 40 0	Condu Channel (A Low 648668 3730.02 26.52 26.08 26.17 26.12 26.29 26.09 26.09 26.19 26.13	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72 25.85 25.78 26.08 25.68 25.68 25.87 25.77	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73 26.08 26.12 26.40 25.75 26.10 25.75 26.10 26.09	Channel (<i>P</i> Low 648668 3730.02 24.65 24.21 24.30 24.25 24.42 24.22 24.32 24.32 24.26	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85 23.98 23.91 24.21 23.81 24.20 23.90	ency(MHz) High 663332 3949.98 24.61 23.86 24.21 24.25 24.25 24.53 23.88 24.23 24.22
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM	to 3980 MH -1.8 RB Allocation 1 1 1 81 162 1 81 162 1 81 162 1 81 162 1	z 868 RB Offset 1 160 40 0 1 160 40 0 1 160 40 0 1	Condu Channel (A Low 648668 3730.02 26.52 26.08 26.17 26.12 26.29 26.09 26.19 26.13 26.25	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72 25.85 25.78 26.08 25.68 25.68 25.68 25.77 25.77 25.90	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73 26.08 26.12 26.40 25.75 26.10 25.75 26.10 26.09 26.07	Channel (# Low 648668 3730.02 24.65 24.21 24.30 24.25 24.42 24.22 24.32 24.32 24.26 24.38	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85 23.98 23.91 24.21 23.81 24.00 23.90 24.03	ency(MHz) High 663332 3949.98 24.61 23.86 24.21 24.25 24.53 23.88 24.23 24.23 24.22 24.20
60	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM	to 3980 MH -1.8 RB Allocation 1 1 81 162 1 81 162 1 1 81 162 1 1 1 1 1 1 1 1 1 1 1 1 1	z 868 RB Offset 1 160 40 0 1 160 40 0 1 160 40 0 1 1 1	Condu Channel (A Low 648668 3730.02 26.52 26.08 26.17 26.12 26.29 26.09 26.19 26.19 26.13 26.25 26.20	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72 25.85 25.78 26.08 25.68 25.68 25.87 25.77 25.90 25.84	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73 26.08 26.12 26.40 25.75 26.10 25.75 26.10 26.09 26.07 25.95	Channel (<i>F</i> Low 648668 3730.02 24.65 24.21 24.30 24.25 24.42 24.22 24.32 24.32 24.33	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85 23.98 23.91 24.21 23.81 24.00 23.90 24.03 23.97	ency(MHz) High 663332 3949.98 24.61 23.86 24.21 24.25 24.53 23.88 24.23 24.23 24.22 24.20 24.08
60	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM DFT-s 256QAM	to 3980 MH -1.8 RB Allocation 1 1 81 162 1 81 162 1 1 1 1 1 1 1 1 1 1 1 1 1	z 868 RB Offset 1 160 40 0 1 160 40 0 1 160 1 1 1 1	Condu Channel (A Low 648668 3730.02 26.52 26.08 26.17 26.12 26.29 26.09 26.19 26.13 26.25 26.20 24.52	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72 25.85 25.78 26.08 25.68 25.87 25.77 25.77 25.90 25.84 25.34	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73 26.08 26.12 26.40 25.75 26.10 26.09 26.07 25.95 24.14	Channel (# Low 648668 3730.02 24.65 24.21 24.30 24.25 24.42 24.22 24.32 24.32 24.32 24.33 24.33 22.65	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85 23.98 23.91 24.21 23.81 24.00 23.90 24.03 23.97 23.47	ency(MHz) High 663332 3949.98 24.61 23.86 24.21 24.25 24.53 23.88 24.23 24.22 24.20 24.08 22.27
60	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK	to 3980 MH -1.8 RB Allocation 1 1 81 162 1 1 81 162 1 1 1 1 1 1 1 1 1 1 1 1 1	z RB Offset 1 160 40 0 1 160 40 0 1 160 40 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 648668 3730.02 26.52 26.08 26.17 26.12 26.29 26.09 26.19 26.19 26.13 26.25 26.20 24.52 26.50	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72 25.85 25.78 26.08 25.68 25.68 25.68 25.68 25.87 25.77 25.90 25.84 25.34 25.34 26.38	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73 26.08 26.12 26.40 25.75 26.10 25.75 26.10 26.07 26.07 25.95 24.14 26.15	Channel (# Low 648668 3730.02 24.65 24.21 24.30 24.25 24.42 24.22 24.22 24.32 24.26 24.38 24.33 22.65 24.63	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85 23.98 23.91 24.21 23.81 24.00 23.90 24.03 23.97 23.47 24.51	ency(MHz) High 663332 3949.98 24.61 23.86 24.21 24.25 24.25 23.88 24.23 24.22 24.20 24.20 24.08 22.27 24.28
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM	to 3980 MH -1.8 RB Allocation 1 1 1 81 162 1 81 162 1 1 1 1 1 1 1 1 1 1 1 1 1	z 368 RB Offset 1 160 40 0 1 160 40 0 1 160 40 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 648668 3730.02 26.52 26.08 26.17 26.12 26.29 26.09 26.19 26.19 26.13 26.25 26.20 24.52 26.20 24.52 26.50 26.22	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72 25.85 25.78 26.08 25.68 25.68 25.68 25.87 25.77 25.77 25.90 25.84 25.34 25.34 26.38 26.09	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73 26.08 26.12 26.40 25.75 26.10 25.75 26.10 25.95 26.07 25.95 24.14 26.15 25.83	Channel (# Low 648668 3730.02 24.65 24.21 24.30 24.25 24.42 24.22 24.32 24.22 24.32 24.33 24.33 22.65 24.63 24.35	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85 23.98 23.91 24.21 23.81 24.21 23.81 24.00 23.90 24.03 23.97 23.47 24.51 24.22	ency(MHz) High 663332 3949.98 24.61 23.86 24.21 24.25 24.25 24.25 24.23 24.22 24.20 24.08 22.27 24.28 23.96
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM CP 64QAM	to 3980 MH -1.8 RB Allocation 1 1 1 1 1 1 1 1 1 1 1 1 1	z 368 RB Offset 1 160 40 0 1 160 40 0 1 160 40 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A Low 648668 3730.02 26.52 26.08 26.17 26.12 26.29 26.09 26.19 26.19 26.13 26.25 26.20 24.52 26.20 24.52 26.50 26.22 25.76	cted Average RFCH)/ Freq Mid 656000 3840 26.17 25.72 25.85 25.78 26.08 25.68 25.68 25.68 25.77 25.77 25.90 25.84 25.34 26.38 26.09 25.62	(dBm) ency(MHz) High 663332 3949.98 26.48 25.73 26.08 26.12 26.40 25.75 26.10 26.09 26.07 25.95 24.14 26.15 25.83 25.37	Channel (# Low 648668 3730.02 24.65 24.21 24.30 24.25 24.42 24.22 24.32 24.32 24.33 22.65 24.63 24.33 22.65 24.63 24.35 23.89	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.30 23.85 23.98 23.91 24.21 23.81 24.00 23.90 24.03 23.97 23.47 24.51 24.22 23.75	ency(MHz) High 663332 3949.98 24.61 23.86 24.21 24.25 24.25 24.53 23.88 24.23 24.22 24.20 24.08 22.27 24.28 23.96 23.50

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5G NR Band n77_Part27: 37 Antenna Gain(dBi)			to 3980 MH	Z	Condu	cted Average	(dBm)		EIRP (dBm)			
	Antenna Ga	ain(dBi)	-1.8	68	Channel (A	RFCH)/ Freq	ency(MHz)	Channel (A	RFCH)/ Freq	ency(MHz)		
	EIRP Limit (W) IHz) SCS (kHz) Modulatio		1		Low	Mid	High	Low	Mid	High		
		Modulation	RB	RB	649334	656000	662666	649334	656000	662666		
		WOUUIAUOT	Allocation	Offset	3740.01	3840	3939.99	3740.01	3840	3939.99		
			1	1	26.44	26.22	26.32	24.57	24.35	24.45		
		DET-s PI/2 RPSK	1	215	26.12	25.67	25.64	24.25	23.80	23.77		
		DI I 31 1/2 DI 31	108	54	26.09	25.87	26.02	24.22	24.00	24.15		
			216	0	26.07	25.80	26.07	24.20	23.93	24.20		
			1	1	26.22	26.08	26.28	24.35	24.21	24.41		
		DFT-s OPSK	1	215	26.07	25.65	25.62	24.20	23.78	23.75		
			108	54	26.07	25.79	25.99	24.20	23.92	24.12		
80	30	DFT-s 16QAM	216	0	26.10	25.76	26.04	24.23	23.89	24.17		
		DFT-s 16QAM DFT-s 64QAM	1	1	26.16	25.90	26.02	24.29	24.03	24.15		
		DFT-s 64QAM DFT-s 256QAM	1	1	26.15	25.85	25.79	24.28	23.98	23.92		
		DFT-s 256QAM	1	1	24.49	25.08	24.08	22.62	23.21	22.21		
		CP QPSK	1	1	26.20	26.04	25.73	24.33	24.17	23.86		
		CP 16QAM	1	1	26.15	25.99	25.71	24.28	24.12	23.84		
		CP 64QAM	1	1	25.77	25.58	25.37	23.90	23.71	23.50		
		CP 256QAM	1	1	22.92	22.74	22.42	21.05	20.87	20.55		
		CP 64QAM CP 256QAM	CP 256QAM 1 1 22.92 22.74 22.42 In 77 Part 27: 3700 to 3980 MHz Conducted Average (dBm)						EIRP (dBm)			
5	G NR Band	n77_Part27: 3700	to 3980 MH	Z	Condu	cted Average	(dBm)		EIRP (dBm)			
5	G NR Band Antenna Ga	n77_Part27: 3700 ain(dBi)	to 3980 MH -1.8	z 68	Condu Channel (A	cted Average RFCH)/ Freq	(dBm) ency(MHz)	Channel (A	EIRP (dBm) ARFCH)/ Freq	ency(MHz)		
5	G NR Band Antenna Ga EIRP Lim	n77_Part27: 3700 ain(dBi) it (W)	to 3980 MH -1.8 1	z 68	Condu Channel (A Low	cted Average RFCH)/ Freq Mid	(dBm) ency(MHz) High	Channel (A Low	EIRP (dBm) RFCH)/ Freq Mid	ency(MHz) High		
5 	G NR Band Antenna Ga EIRP Lim	n77_Part27: 3700 ain(dBi) it (W)	to 3980 MH -1.8 1 RB	z 668 RB	Condu Channel (A Low 650000	cted Average RFCH)/ Freq Mid 656000	(dBm) ency(MHz) High 662000	Channel (A Low 650000	EIRP (dBm) RFCH)/ Freq Mid 656000	ency(MHz) High 662000		
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation	to 3980 MH -1.8 1 RB Allocation	z 668 RB Offset	Condu Channel (A Low 650000 3750	cted Average RFCH)/ Freq Mid 656000 3840	(dBm) ency(MHz) High 662000 3930	Channel (A Low 650000 3750	EIRP (dBm) RFCH)/ Freq Mid 656000 3840	ency(MHz) High 662000 3930		
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation	to 3980 MH -1.8 1 RB Allocation 1	z 68 RB Offset 1	Condu Channel (A Low 650000 3750 26.60	cted Average RFCH)/ Freq Mid 656000 3840 26.16	(dBm) ency(MHz) High 662000 3930 26.25	Channel (A Low 650000 3750 24.73	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29	ency(MHz) High 662000 3930 24.38		
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation	to 3980 MH -1.8 1 RB Allocation 1 1	z K68 RB Offset 1 271	Condu Channel (A Low 650000 3750 26.60 26.04	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.14	(dBm) ency(MHz) High 662000 3930 26.25 25.96	Channel (# Low 650000 3750 24.73 24.17	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27	ency(MHz) High 662000 3930 24.38 24.09		
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3980 MH -1.8 1 RB Allocation 1 1 135	z 668 RB Offset 1 271 67	Condu Channel (A Low 650000 3750 26.60 26.04 26.25	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.14 25.71	(dBm) ency(MHz) High 662000 3930 26.25 25.96 26.13	Channel (# Low 650000 3750 24.73 24.17 24.38	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27 23.84	ency(MHz) High 662000 3930 24.38 24.09 24.26		
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3980 MH -1.8 RB Allocation 1 1 135 270	z 668 RB Offset 1 271 67 0	Condu Channel (A 650000 3750 26.60 26.04 26.25 26.26	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.16 26.14 25.71 25.81	(dBm) ency(MHz) High 662000 3930 26.25 25.96 26.13 26.15	Channel (A Low 650000 3750 24.73 24.17 24.38 24.39	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27 23.84 23.94	ency(MHz) High 662000 3930 24.38 24.09 24.26 24.28		
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s Pl/2 BPSK	to 3980 MH -1.8 -1.8 RB Allocation 1 1 135 270 1	z 68 RB Offset 1 271 67 0 1	Condu Channel (A 650000 3750 26.60 26.04 26.25 26.26 26.34	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.14 25.71 25.81 26.12	(dBm) ency(MHz) High 662000 3930 26.25 25.96 26.13 26.13 26.15 26.18	Channel (A Low 650000 3750 24.73 24.17 24.38 24.39 24.47	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27 23.84 23.94 24.25	ency(MHz) High 662000 3930 24.38 24.09 24.26 24.28 24.31		
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK	to 3980 MH -1.8 -1.8 RB Allocation 1 1 1 1 35 270 1 1 1	z 68 RB Offset 1 271 67 0 1 271 271	Condu Channel (A Low 650000 3750 26.60 26.04 26.25 26.26 26.34 26.00	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.14 25.71 25.81 26.12 25.84	(dBm) ency(MHz) High 662000 3930 26.25 25.96 26.13 26.13 26.15 26.18 25.90	Channel (# Low 650000 3750 24.73 24.17 24.38 24.39 24.47 24.13	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27 23.84 23.94 24.25 23.97	ency(MHz) High 662000 3930 24.38 24.09 24.26 24.26 24.28 24.31 24.03		
BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz)	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	to 3980 MH -1.8 1 RB Allocation 1 1 135 270 1 1 1 135 270 1 1 1 35	z 68 RB Offset 1 271 67 0 1 271 67 67	Condu Channel (A Low 650000 3750 26.00 26.04 26.25 26.26 26.34 26.00 26.11	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.14 25.71 25.81 26.12 25.84 25.64	(dBm) ency(MHz) High 662000 3930 26.25 25.96 26.13 26.15 26.18 25.90 26.15	Channel (# Low 650000 3750 24.73 24.17 24.38 24.39 24.47 24.13 24.24	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27 23.84 23.94 24.25 23.97 23.77	ency(MHz) High 662000 3930 24.38 24.09 24.26 24.28 24.28 24.31 24.03 24.28		
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK	to 3980 MH -1.8 RB Allocation 1 135 270 1 1 135 270 1 1 270	z 68 RB Offset 1 271 67 0 1 271 67 0 0	Condu Channel (A 650000 3750 26.00 26.04 26.25 26.26 26.34 26.00 26.11 26.09	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.14 25.71 25.81 26.12 25.84 25.64 25.63	(dBm) ency(MHz) High 662000 3930 26.25 25.96 26.13 26.15 26.18 25.90 26.15 25.79	Channel (# Low 650000 3750 24.73 24.17 24.38 24.39 24.47 24.13 24.24 24.22	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27 23.84 23.94 24.25 23.97 23.77 23.76	ency(MHz) High 662000 3930 24.38 24.09 24.26 24.28 24.31 24.03 24.28 24.28 23.92		
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM	to 3980 MH -1.8 RB Allocation 1 1 135 270 1 1 135 270 1 1 135 270 1 1 135 270 1 1 1 1 1 1 1 1 1 1 1 1 1	z 68 RB Offset 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 67 0 1 271 1 1 271 1 1 271 1 1 271 1 1 1 1 1 1 1 1 1 1 1 1 1	Condu Channel (A 650000 3750 26.60 26.04 26.25 26.26 26.34 26.00 26.11 26.09 26.27	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.14 25.71 25.81 26.12 25.84 25.64 25.64 25.63 26.00	(dBm) ency(MHz) High 662000 3930 26.25 25.96 26.13 26.15 26.18 25.90 26.15 25.79 26.08	Channel (A Low 650000 3750 24.73 24.17 24.38 24.39 24.47 24.13 24.24 24.22 24.22 24.40	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27 23.84 23.94 24.25 23.97 23.77 23.76 24.13	ency(MHz) High 662000 3930 24.38 24.09 24.26 24.28 24.31 24.03 24.28 24.31 24.03 24.28 23.92 24.21		
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 iin (dBi) it (W) Modulation DFT-s Pl/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 16QAM	to 3980 MH -1.8 RB Allocation 1 1 135 270 1 1 135 270 1 1 1 135 270 1 1 1 1 1 1 1 1 1 1 1 1 1	z 668 RB Offset 1 271 67 0 1 271 67 0 1 271 67 0 1 1	Condu Channel (A 650000 3750 26.60 26.04 26.25 26.26 26.34 26.00 26.11 26.09 26.27 26.22	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.14 25.71 25.81 26.12 25.84 25.64 25.64 25.63 26.00 25.97	(dBm) ency(MHz) High 662000 3930 26.25 25.96 26.13 26.15 26.15 26.18 25.90 26.15 25.79 26.08 25.93	Channel (A Low 650000 3750 24.73 24.17 24.38 24.39 24.47 24.13 24.24 24.22 24.22 24.20 24.35	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27 23.84 23.94 24.25 23.97 23.77 23.76 24.13 24.10	ency(MHz) High 662000 3930 24.38 24.09 24.26 24.28 24.31 24.03 24.28 23.92 24.21 24.06		
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 in (dBi) it (W) Modulation DFT -s PI/2 BPSK DFT -s QPSK DFT -s 16QAM DFT -s 256QAM	to 3980 MH -1.8 RB Allocation 1 1 135 270 1 1 135 270 1 1 1 1 1 1 1 1 1 1 1 1 1	z 668 RB Offset 1 271 67 0 1 271 67 0 1 271 67 0 1 1 1	Condu Channel (A Low 650000 3750 26.60 26.04 26.25 26.26 26.34 26.00 26.11 26.09 26.27 26.27 26.22 25.25	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.14 25.71 25.81 26.12 25.84 25.64 25.64 25.63 26.00 25.97 24.62	(dBm) ency(MHz) High 662000 3930 26.25 25.96 26.13 26.15 26.15 26.18 25.90 26.15 25.79 26.08 25.93 24.40	Channel (A Low 650000 3750 24.73 24.17 24.38 24.39 24.47 24.13 24.24 24.22 24.24 24.22 24.20 24.35 23.38	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27 23.84 23.94 24.25 23.97 23.77 23.76 24.13 24.10 22.75	ency(MHz) High 662000 3930 24.38 24.09 24.26 24.28 24.31 24.03 24.28 23.92 24.21 24.06 22.53		
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 ain(dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK	to 3980 MH -1.8 RB Allocation 1 135 270 1 1 135 270 1 1 135 270 1 1 1 1 1 1 1 1 1 1 1 1 1	z 68 RB Offset 1 271 67 0 1 271 67 0 1 1 1 1 1 1	Condu Channel (A Low 650000 3750 26.00 26.04 26.25 26.26 26.34 26.00 26.11 26.09 26.27 26.22 25.25 26.23	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.14 25.71 25.81 26.12 25.84 25.64 25.63 26.00 25.97 24.62 25.95	(dBm) ency(MHz) High 662000 3930 26.25 25.96 26.13 26.15 26.18 25.90 26.15 25.79 26.08 25.93 24.40 25.54	Channel (# Low 650000 3750 24.73 24.17 24.38 24.39 24.47 24.13 24.24 24.22 24.40 24.35 23.38 24.36	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27 23.84 23.94 24.25 23.97 23.77 23.76 24.13 24.10 22.75 24.08	ency(MHz) High 662000 3930 24.38 24.09 24.26 24.28 24.31 24.03 24.28 23.92 24.21 24.06 22.53 23.67		
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 ain (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM CP QPSK CP 16QAM	to 3980 MH -1.8 -1.8 RB Allocation 1 1 135 270 1 1 135 270 1 1 1 1 1 1 1 1 1 1 1 1 1	z 668 RB Offset 1 271 67 0 1 271 67 0 1 1 1 1 1 1 1	Condu Channel (A Low 650000 3750 26.00 26.04 26.25 26.26 26.34 26.00 26.11 26.09 26.27 26.22 25.25 26.23 26.00	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.14 25.71 25.81 26.12 25.84 25.63 26.00 25.97 24.62 25.95 25.85	(dBm) ency(MHz) High 662000 3930 26.25 25.96 26.13 26.15 26.18 25.90 26.15 25.79 26.08 25.93 24.40 25.54 25.42	Channel (# Low 650000 3750 24.73 24.17 24.38 24.39 24.47 24.13 24.24 24.22 24.40 24.35 23.38 24.36 24.35	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27 23.84 23.94 24.25 23.97 23.77 23.76 24.13 24.10 22.75 24.08 23.98	ency(MHz) High 662000 3930 24.38 24.09 24.26 24.28 24.31 24.03 24.28 23.92 24.21 24.06 22.53 23.67 23.55		
50 BW (MHz)	G NR Band Antenna Ga EIRP Lim SCS (kHz) 30	n77_Part27: 3700 iin (dBi) it (W) Modulation DFT-s PI/2 BPSK DFT-s QPSK DFT-s 16QAM DFT-s 256QAM DFT-s 256QAM CP QPSK CP 16QAM CP 64QAM	to 3980 MH -1.8 RB Allocation 1 1 1 1 35 270 1 1 1 1 35 270 1 1 1 1 1 1 1 1 1 1 1 1 1	z 668 RB Offset 1 271 67 0 1 271 67 0 1 1 1 1 1 1 1 1 1 1	Condu Channel (A 650000 3750 26.00 26.04 26.25 26.26 26.34 26.00 26.11 26.09 26.27 26.22 25.25 26.23 26.23 26.00 25.58	cted Average RFCH)/ Freq Mid 656000 3840 26.16 26.14 25.71 25.81 26.12 25.84 25.64 25.63 26.00 25.97 24.62 25.95 25.85 25.47	(dBm) ency(MHz) High 662000 3930 26.25 25.96 26.13 26.15 26.18 25.90 26.15 25.79 26.08 25.79 26.08 25.93 24.40 25.54 25.54 25.42 25.40	Channel (A Low 650000 3750 24.73 24.17 24.38 24.39 24.47 24.13 24.24 24.22 24.40 24.35 23.38 24.36 24.35 23.38 24.36 24.13 23.71	EIRP (dBm) RFCH)/ Freq Mid 656000 3840 24.29 24.27 23.84 23.94 24.25 23.97 23.77 23.76 24.13 24.10 22.75 24.08 23.98 23.60	ency(MHz) High 662000 3930 24.38 24.09 24.26 24.28 24.31 24.03 24.28 23.92 24.21 24.06 22.53 23.67 23.55 23.53		

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MIMO

5	G NR Band	n77_Part27: 3450	to 3550 MH	z	Conducted Average (dBm) EIRP (dl Channel (ARFCH)/ Freqency(MHz) Channel (ARFCH)/				EIRP (dBm)	
	Antenna Ga	iin(dBi)	1.	6	Channel (A	RFCH)/Frec	jency(MHz)	Channel (A	RFCH)/ Freq	ency(MHz)
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
			RB	RB	630668	633334	636000	630668	633334	636000
BW (MHz)	SCS (kHz)	Modulation	Allocation	Offset	3460.02	3500.01	3540	3460.02	3500.01	3540
			1	1	27.14	27.17	27.21	28.74	28.77	28.81
			1	49	26.99	26.03	26.08	28.59	27.63	27.68
		CPQPSK	25	12	26.86	27.00	26.98	28.46	28.60	28.58
20	30		51	0	25.91	25.92	25.99	27.51	27.52	27.59
-		CP 16QAM	1	1	26.93	26.95	26.98	28.53	28.55	28.58
		CP 64QAM	1	1	25.33	25.45	25.39	26.93	27.05	26.99
		CP 256QAM	1	1	22.59 22.85 22.65			24.19	24.45	24.25
5	G NR Band	n77_Part27: 3450	to 3550 MH	lz	Condu	cted Average	(dBm)	EIRP (dBm)		
	Antenna Ga	n(dBi) 1.6			Channel (A	RFCH)/Frec	jency(MHz)	Channel (A	RFCH)/ Freq	ency(MHz)
	EIRP Lim	it (W)	1	l	Low	Mid	High	Low	Mid	High
		Madulation	RB	RB	631000	633334	635666	631000	633334	635666
BAA (IAIH7)	505 (KHZ)	Modulation	Allocation	Offset	3465	3500.01	3534.99	3465	3500.01	3534.99
			1	1	27.26	27.20	27.47	28.86	28.80	29.07
			1	76	26.06	26.15	26.09	27.66	27.75	27.69
			39	19	26.98	27.08	27.12	28.58	28.68	28.72
30	30		78	0	25.97	26.12	26.18	27.57	27.72	27.78
		CP 16QAM	1	1	27.05	27.08	27.09	28.65	28.68	28.69
		CP 64QAM	1	1	25.61	25.62	25.52	27.21	27.22	27.12
		CP 256QAM	1	1	22.90	22.98	22.92	24.50	24.58	24.52
5	G NR Band	n77_Part27: 3450	to 3550 MH	lz	Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	iin(dBi)	1.	.6	Channel (A	RFCH)/ Frec	jency(MHz)	Channel (A	RFCH)/ Freq	ency(MHz)
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
		Modulation	RB	RB	631334	633334	635332	631334	633334	635332
	3C3 (KHZ)	WOUUIAUUT	Allocation	Offset	3470.01	3500.01	3529.98	3470.01	3500.01	3529.98
			1	1	27.37	27.38	27.49	28.97	28.98	29.09
		CPOPSK	1	104	26.06	26.11	25.92	27.66	27.71	27.52
			53	26	26.90	27.06	27.17	28.50	28.66	28.77
40	30		106	0	26.07	26.10	26.16	27.67	27.70	27.76
		CP 16QAM	1	1	27.09	27.14	26.90	28.69	28.74	28.50
		CP 64QAM	1	1	25.60	25.61	25.42	27.20	27.21	27.02
		CP 256QAM	1	1	22.93	23.24	23.00	24.53	24.84	24.60

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5	G NR Band	n77_Part27: 3450	to 3550 MH	z	Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	iin(dBi)	1.	6	Channel (A	RFCH)/ Freq	ency(MHz)	Channel (A	ARFCH)/Freq	ency(MHz)
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
		Marshulatian	RB	RB	632000	633334	634666	632000	633334	634666
BM (MHZ)	SCS (KHZ)	Modulation	Allocation	Offset	3480	3500.01	3519.99	3480	3500.01	3519.99
			1	1	27.08	27.57	27.09	28.68	29.17	28.69
			1	160	25.90	25.86	25.95	27.50	27.46	27.55
		CF QF3K	81	40	26.85	26.93	26.87	28.45	28.53	28.47
60	30		162	0	25.93	25.86	25.90	27.53	27.46	27.50
		CP 16QAM	1	1	26.68	27.02	26.78	28.28	28.62	28.38
		CP 64QAM	1	1	25.11	26.80	25.23	26.71	28.40	26.83
		CP 256QAM	1	1 22.22 22.34 22.66				23.82	23.94	24.26
50	G NR Band	n77_Part27: 3450	50 to 3550 MHz		Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	in(dBi)	1.	6	Channel (A	RFCH)/ Freq	ency(MHz)	Channel (A	RFCH)/ Freq	ency(MHz)
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
			RB	RB	632668	633334	634000	632668	633334	634000
BW (MHz)	SCS (kHz)	Modulation	Allocation	Offset	3490.02	3500.01	3510	3490.02	3500.01	3510
			1	1	26.79	27.00	27.13	28.39	28.60	28.73
			1	215	25.79	25.77	25.84	27.39	27.37	27.44
		CPQPSK	109	54	26.62	26.77	26.78	28.22	28.37	28.38
80	30		217	0	25.81	25.76	25.79	27.41	27.36	27.39
		CP 16QAM	1	1	26.68	26.61	26.47	28.28	28.21	28.07
		CP 64QAM	1	1	25.45	25.13	25.50	27.05	26.73	27.10
		CP 256QAM	1	1	21.77	22.56	24.18	23.37	24.16	25.78
50	G NR Band	n77_Part27: 3450	to 3550 MH	Z	Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	in(dBi)	1.	6	Channel (A	RFCH)/Freq	ency(MHz)	Channel (A	RFCH)/Freq	ency(MHz)
	EIRP Limi	it (W)	1		Low	Mid	High	Low	Mid	High
	COC (111-)	Mashalatian	RB	RB		633334		0	633334	0
BAA (IAIHZ)	SCS (KHZ)	wodulation	Allocation	Offset		3500.01		0	3500.01	0
			1	1		26.98		0.00	28.58	0.00
			1	271		25.80		0.00	27.40	0.00
		CPUPSK	137	68		26.83		0.00	28.43	0.00
100	30		273	0		25.67		0.00	27.27	0.00
		CP 16QAM	1	1		26.24		0.00	27.84	0.00
		CP 64QAM	1	1		25.02		0.00	26.62	0.00
		CP 2560AM	1	1		22.65		0.00	24.25	0.00

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5	G NR Band	n77_Part27: 3700	to 3980 MH	lz	Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	iin(dBi)	1.7	78	Channel (A	RFCH)/ Frec	jency(MHz)	Channel (A	ARFCH)/Freq	ency(MHz)
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
	000 (111)		RB	RB	647334	656000	664666	647334	656000	664666
BM (MHZ)	SCS (KHZ)	Modulation	Allocation	Offset	3710.01	3840	3969.99	3710.01	3840	3969.99
			1	1	28.20	27.56	28.21	29.98	29.34	29.99
			1	49	28.12	27.25	28.00	29.90	29.03	29.78
		CPUPSK	25	12	28.10	27.36	27.96	29.88	29.14	29.74
20	30		51	0	27.19	26.31	27.00	28.97	28.09	28.78
		CP 16QAM	1	1	28.02	27.38	28.09	29.80	29.16	29.87
		CP 64QAM	1	1	26.91	25.76	26.63	28.69	27.54	28.41
		CP 256QAM	1	1	23.93 23.11 23.62			25.71	24.89	25.40
50	G NR Band	n77_Part27: 3700	to 3980 MH	lz	Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	iin(dBi)	1.7	78	Channel (A	RFCH)/Frec	jency(MHz)	Channel (A	RFCH)/Freq	ency(MHz)
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
	COC (111.)		RB	RB	647668	656000	664332	647668	656000	664332
BAA (INIHZ)	SCS (KHZ)	wodulation	Allocation	Offset	3715.02	3840	3964.98	3715.02	3840	3964.98
			1	1	28.16	27.18	28.18	29.94	28.96	29.96
			1	76	27.28	25.96	27.02	29.06	27.74	28.80
		CFUFJK	39	19	28.15	27.00	28.00	29.93	28.78	29.78
30	30		78	0	27.19	25.98	26.98	28.97	27.76	28.76
		CP 16QAM	1	1	28.12	27.11	27.94	29.90	28.89	29.72
		CP 64QAM	1	1	26.80	25.32	26.27	28.58	27.10	28.05
		CP 256QAM	1	1	24.19	22.63	23.55	25.97	24.41	25.33
50	G NR Band	n77_Part27: 3700	to 3980 MH	z	Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	iin(dBi)	1.7	78	Channel (A	RFCH)/ Frec	jency(MHz)	Channel (A	ARFCH)/Freq	ency(MHz)
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
		Madulation	RB	RB	648000	656000	664000	648000	656000	664000
BW (IVIHZ)	SCS (KHZ)	Wodulation	Allocation	Offset	3720	3840	3960	3720	3840	3960
			1	1	28.18	27.62	28.20	29.96	29.40	29.98
			1	104	27.23	26.01	27.01	29.01	27.79	28.79
		UF QF JK	53	26	28.16	26.95	27.98	29.94	28.73	29.76
40	30		106	0	27.20	26.01	26.90	28.98	27.79	28.68
		CP 16QAM	1	1	28.12	27.45	28.00	29.90	29.23	29.78
		CP 64QAM	1	1	26.89	25.81	26.47	28.67	27.59	28.25
		CP 256QAM	1	1	24.31	22.97	23.56	26.09	24.75	25.34

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5	G NR Band	n77_Part27: 3700	to 3980 MH	z	Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	iin(dBi)	1.7	78	Channel (A	RFCH)/ Freq	ency(MHz)	Channel (A	ARFCH)/Freq	ency(MHz)
	EIRP Limi	it (W)	1		Low	Mid	High	Low	Mid	High
		Mashalatian	RB	RB	648668	656000	663332	648668	656000	663332
BAA (INIHZ)	SCS (KHZ)	Wodulation	Allocation	Offset	3730.02	3840	3949.98	3730.02	3840	3949.98
			1	1	28.18	27.36	27.87	29.96	29.14	29.65
			1	160	27.11	25.95	26.72	28.89	27.73	28.50
		UF UF JK	81	40	28.06	26.95	27.58	29.84	28.74	29.36
60	30		162	0	27.11	25.93	26.97	28.89	27.71	28.75
		CP 16QAM	1	1	28.12	27.30	27.69	29.90	29.08	29.47
		CP 64QAM	1	1	26.96	25.52	26.43	28.74	27.30	28.21
		CP 256QAM	1	1	24.34 22.77 23.38			26.12 24.55 25.16		
50	G NR Band	n77_Part27: 3700	3700 to 3980 MHz		Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	iin(dBi)	1.7	78	Channel (A	RFCH)/ Freq	ency(MHz)	Channel (A	ARFCH)/Freq	ency(MHz)
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
	000 (111)		RB	RB	649334	656000	662666	649334	656000	662666
BM (MHZ)	SCS (kHz)	Modulation	Allocation	Offset	3740.01	3840	3939.99	3740.01	3840	3939.99
			1	1	28.16	27.57	27.91	29.94	29.35	29.69
			1	215	26.95	25.91	26.83	28.73	27.69	28.61
		UF QF JK	109	54	27.94	26.95	27.79	29.72	28.73	29.57
80	30		217	0	26.81	25.99	26.79	28.59	27.77	28.57
		CP 16QAM	1	1	28.13	27.20	27.46	29.91	28.98	29.24
		CP 64QAM	1	1	26.60	26.05	25.56	28.38	27.83	27.34
		CP 256QAM	1	1	23.84	22.85	22.92	25.62	24.64	24.70
50	G NR Band	n77_Part27: 3700	to 3980 MH	z	Condu	cted Average	(dBm)		EIRP (dBm)	
	Antenna Ga	in(dBi)	1.7	78	Channel (A	RFCH)/ Freq	ency(MHz)	Channel (A	RFCH)/Freq	ency(MHz)
	EIRP Lim	it (W)	1		Low	Mid	High	Low	Mid	High
	COC (111-)	Marchalatian	RB	RB	650000	656000	662000	650000	656000	662000
BAA (IAIH7)	SCS (KHZ)	wodulation	Allocation	Offset	3750	3840	3930	3750	3840	3930
			1	1	28.20	27.57	27.81	29.98	29.35	29.59
			1	271	26.87	26.02	26.56	28.65	27.80	28.34
		CPUPSK	137	68	27.84	26.93	27.08	29.62	28.71	28.86
100	30		273	0	26.85	25.97	26.61	28.63	27.75	28.39
		CP 16QAM	1	1	27.75	27.45	27.45	29.53	29.23	29.23
		CP 64QAM	1	1	26.72	25.80	25.79	28.50	27.59	27.57
		CP 2560AM	1	1	24.20	22.87	23.00	25.98	24.65	24.78

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OCCUPIED BANDWIDTH MEASUREMENT 8

8.1 Standard Applicable

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power.

8.2 **Test Set-up**



8.3 **Measurement Procedure**

99% &26dB Bandwidth with detector peak

The EUT's output RF connector was connected with a short cable to the spectrum analyzer. RBW was set to about 1% of emission BW, VBW= 3 times RBW, -26dBc display line was placed on the screen (or 26dB bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace. Then set RBW to 99% bandwidth, RBW= 1%, VBW= 3 * RBW, with span > 2 * Signal BW, set % Power = 99%.

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8.4 **Measurement Result**

	5G NR BAND n2 Channel bandwidth: 5MHz											
				D	FT-S-OFDN	_SCS 15 kH	lz					
Freq.	CU		9	9% BW (MH	z)			26	dB BW (MH	lz)		
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
1852.5	370500	4.4726	4.4703	4.4860	4.4734	4.4834	4.9160	5.0020	5.0410	5.0050	5.0570	
1880.0	376000	4.4771	4.4676	4.4746	4.4781	4.4909	4.9900	4.9940	4.9240	4.9880	5.1060	
1907.5	381500	4.4731	4.4663	4.4841	4.4779	4.4751	5.0910	5.0600	4.9580	4.9550	5.0080	
				5G NR BA	ND n2 Chan	nel bandwid	th: 10MHz					
	DFT-S-OFDM_SCS 15 kHz											
Freq.	Freq. 99% BW (MHz) 26 dB BW (MHz)											
(MHz)	GIT	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
1855	371000	8.9051	8.9309	8.9034	8.9108	8.9133	9.5360	9.5880	9.4910	9.6430	9.5300	
1880	376000	8.9074	8.9209	8.9196	8.9340	8.9228	9.4990	9.4930	9.6790	9.5370	9.5360	
1905	381000	8.9051	8.9116	8.9047	8.9352	8.9176	9.4990	9.5940	9.5730	9.5740	9.5900	
				5G NR BA	ND n2 Chan	nel bandwid	th: 15MHz					
				D	FT-S-OFDN	_SCS 15 kH	lz					
Freq.	СН		9	9% BW (MH	z)			26	dB BW (MH	łz)		
(MHz)	GIT	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
1857.5	371500	13.3930	13.4160	13.4440	13.4110	13.4330	14.2200	14.1900	14.1600	14.1900	14.4600	
1880.0	376000	13.4160	13.4220	13.4440	13.4170	13.4220	14.3000	14.3100	14.2100	14.3300	14.1700	
1902.5	380500	13.3900	13.4160	13.4060	13.3910	13.4300	14.0800	14.2600	14.1000	14.1200	14.2000	
				5G NR BA	ND n2 Chan	nel bandwid	th: 20MHz					
				D	FT-S-OFDN	_SCS 15 kH	lz					
Freq.	CLL		9	9% BW (MH	z)			26	dB BW (MH	łz)		
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
1860.0	372000	17.8830	17.8960	17.8840	17.8910	17.8890	18.8100	18.7200	18.6800	18.7300	18.7000	
1880.0	376000	17.8950	17.9290	17.9050	17.9090	17.9050	18.9100	18.8600	18.8100	18.7400	18.7100	
1900.0	380000	17.8630	17.8760	17.8760	17.8560	17.8580	18.9400	18.7300	18.8200	18.7600	18.6800	
				5G NR B	AND n5 Cha	nnel bandwid	dth: 5MHz					
				D	FT-S-OFDN	_SCS 15 kH	lz					
Freq.	CU		9	9% BW (MH	z)			26	dB BW (MH	lz)		
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
826.5	165300	4.4887	4.4748	4.4728	4.4788	4.4633	4.7300	5.1110	4.9530	5.0170	4.9220	
836.5	167300	4.4819	4.4692	4.4835	4.4717	4.4888	4.6350	5.0290	5.0010	4.9780	5.0310	
846.5	169300	4.4645	4.4641	4.4741	4.4684	4.4704	5.0220	5.0530	5.0740	4.9350	5.0310	

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				5G NR BA	ND n5 Char	nel bandwid	Ith: 10MHz				
				D	FT-S-OFDN	I_SCS 15 kH	łz				
Freq.	011		9	9% BW (MH	z)			26	dB BW (Mł	Hz)	
(MHz)	CH	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
829	165800	8.8789	8.8780	8.8958	8.8834	8.8983	9.5490	9.4820	9.4890	9.4600	9.6050
836.5	167300	8.8849	8.8923	8.9186	8.9155	8.9016	9.4720	9.4680	9.5720	9.6140	9.5160
844	168800	8.8830	8.9381	8.8950	8.9147	8.8953	9.5270	9.4940	9.5480	9.5810	9.5420
				5G NR BA	ND n5 Char	inel bandwid	Ith: 15MHz				
				C	FT-S-OFDN	I_SCS 15 k⊦	łz				
Freq.	CU		9	9% BW (MH	z)			26	dB BW (Mł	Hz)	
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
831.5	166300	13.3690	13.3840	13.3780	13.3740	13.3630	14.1800	14.1900	14.1100	14.2900	14.0900
836.5	167300	13.3830	13.3920	13.3770	13.3830	13.3740	13.9900	14.1700	14.1400	14.2100	14.2000
841.5	168300	13.3900	13.4010	13.3930	13.3900	13.3930	14.0700	14.3400	14.2800	14.1600	14.2400
				5G NR BA	ND n5 Char	inel bandwid	Ith: 20MHz				
				C	FT-S-OFDN	I_SCS 15 k⊦	łz				
Freq.	CU		9	9% BW (MH	z)			26	dB BW (Mł	Hz)	
(MHz)	CH	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
834.0	166800	17.8330	17.8600	17.8630	17.8280	17.8190	18.7500	18.6100	18.6700	18.6700	18.7400
836.5	167300	17.8400	17.8490	17.8690	17.8450	17.8340	18.7200	18.8000	18.7900	18.8600	18.6800
839.0	167800	17.8550	17.8830	17.8510	17.8490	17.8240	18.7500	18.6800	18.7300	18.6800	18.6600
				5G NR BA	ND n66 Cha	innel bandwi	idth: 5MHz				
				C	FT-S-OFDN	I_SCS 15 k⊦	łz				
Freq.	сц		9	9% BW (MH	z)			26	dB BW (Mł	Hz)	
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1712.5	342500	4.4695	4.4883	4.4558	4.4949	4.4870	4.9370	4.8950	4.7750	5.0950	5.0690
1745.0	349000	4.4613	4.4868	4.4587	4.4841	4.4837	4.9710	4.8880	4.7830	5.1110	5.0660
1777.5	355500	4.4681	4.4865	4.4593	4.4992	4.4863	5.0530	4.8430	4.7980	5.1300	5.0800
				5G NR BA	ND n66 Cha	nnel bandwi	dth: 10MHz				
	I			D	FT-S-OFDN	I_SCS 15 k⊦	lz				
Freq.	СН		9	9% BW (MH	z)	1		26	dB BW (Mł	lz)	T
(MHz)	011	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1715	343000	8.8885	8.9439	8.9243	8.9319	8.8922	9.5840	9.6270	9.6030	9.7110	9.7450
1745	349000	8.9147	8.9428	8.8958	8.9145	8.9226	9.5880	9.4970	9.5090	9.5030	9.5030
1775	775 355000 8.9017 8.9067 8.9097 8.9184 8.90						9.5120	9.6140	9.6710	9.6260	9.5770
							bandwidth: 15MHz				
				5G NR BA	ND n66 Cha	nnel bandwi	dth: 15MHz				
				5G NR BA	ND n66 Cha DFT-S-OFDN	nnel bandwi I_SCS 15 kH	dth: 15MHz Iz				
Freq.	СЦ		9	5G NR BA D 9% BW (MH	ND n66 Cha PFT-S-OFDN z)	nnel bandwi I_SCS 15 kH	dth: 15MHz Iz	26	dB BW (MI	Hz)	
Freq. (MHz)	СН	BPSK	9 QPSK	5G NR BA E 9% BW (MH 16QAM	ND n66 Cha F T-S-OFDN z) 64QAM	nnel bandwi I_SCS 15 kF 256QAM	dth: 15MHz Iz BPSK	26 QPSK	dB BW (MH 16QAM	Hz) 64QAM	256QAM
Freq. (MHz) 1717.5	CH 343500	BPSK 13.4040	9 QPSK 13.4230	5G NR BA D 9% BW (MH 16QAM 13.4160	ND n66 Cha FT-S-OFDN z) 64QAM 13.3950	nnel bandwi I_SCS 15 kH 256QAM 13.4250	dth: 15MHz Iz BPSK 13.9600	26 QPSK 14.2600	dB BW (MI 16QAM 14.1900	tz) 64QAM 14.3300	256QAM 14.0200
Freq. (MHz) 1717.5 1745.0	CH 343500 349000	BPSK 13.4040 13.3890	9 QPSK 13.4230 13.4370	5G NR BA C 9% BW (MH 16QAM 13.4160 13.3630	ND n66 Cha FT-S-OFDN z) 64QAM 13.3950 13.4000	nnel bandwir I_SCS 15 kH 256QAM 13.4250 13.4030	dth: 15MHz Iz BPSK 13.9600 14.3800	26 QPSK 14.2600 14.2700	dB BW (MF 16QAM 14.1900 13.8700	Iz) 64QAM 14.3300 14.2400	256QAM 14.0200 14.2200

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				5G NR BA	ND n66 Cha	nnel bandwi	dth: 20MHz				
-				C	FT-S-OFDN	1_SCS 15 k⊦	lz				
Freq.	СЦ		9	9% BW (MH	z)			26	dB BW (Mł	Hz)	
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1720.0	344000	17.8940	17.9170	17.8810	17.8740	17.8610	18.7300	18.6400	18.8900	18.8500	18.6200
1745.0	349000	17.8930	17.9140	17.8900	17.8840	17.8840	18.8300	18.7300	18.8500	18.7200	18.6900
1770.0	354000	17.8810	17.8900	17.8970	17.8730	17.8750	18.8100	18.9400	18.8100	18.7400	18.6500
				5G NR BA	ND n66 Cha	nnel bandwi	dth: 30MHz				
				C	FT-S-OFDN	I_SCS 15 k⊦	lz				
Freq.	СЦ		9	9% BW (MH	z)			26	dB BW (Mł	Hz)	
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1725.0	345000	28.5740	28.5120	28.5600	28.5940	28.5680	29.6600	29.6400	29.6100	29.6800	29.6300
1745.0	349000	28.6160	28.5710	28.5780	28.5710	28.5980	29.6900	29.7600	29.6200	29.5700	29.6900
1765.0	353000	28.5600	28.5610	28.5420	28.5590	28.5190	29.6600	29.6700	29.6300	29.7800	29.6600
				5G NR BA	ND n66 Cha	nnel bandwi	dth: 40MHz				
				C	FT-S-OFDN	I_SCS 15 k⊦	lz				
Freq.	СЦ		9	9% BW (MH	z)			26	dB BW (Mł	Hz)	
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1730.0	346000	38.4420	38.4960	38.4860	38.4950	38.4980	40.0700	40.0000	39.9100	39.9300	39.9400
1745.0	349000	38.5590	38.6060	38.5410	38.5540	38.5390	40.1000	40.0300	40.0300	39.8700	40.0300
1760.0	352000	38.4880	38.5920	38.5080	38.5610	38.5430	39.9900	39.9100	39.9100	39.9800	39.9900

	5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3450 to 3550 MHz)											
	DFT-S-OFDM_SCS 30 kHz											
Freq.	СЦ		9	9% BW (MH	z)			26	dB BW (MF	łz)		
(MHz)	GI	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
3460.02	630668	17.852	17.824	17.822	17.833	17.844	19.32	19.38	19.26	19.13	19.39	
3500.01	633334	17.854	17.829	17.813	17.834	17.842	19.26	19.11	19.21	19.17	19.4	
3540	636000	17.871	17.846	17.834	17.837	17.832	19.08	19.45	19.41	19.07	19.52	
			5G NR BAN	D n77_Part2	7 Channel b	andwidth: 30	MHz(3450 to	o 3550 MHz)				
				D	FT-S-OFDM		1					
Freg						-303 30 KH	Z					
ricq.	СЦ		9	9% BW (MH	z)	_3C3 30 KH	Z	26	dB BW (MF	łz)		
(MHz)	СН	BPSK	9 QPSK	9% BW (MH 16QAM	z) 64QAM	_3C3 30 KH	z BPSK	26 QPSK	dB BW (MH 16QAM	iz) 64QAM	256QAM	
(MHz) 3465	CH 631000	BPSK 26.775	9 QPSK 26.825	9% BW (MH 16QAM 26.794	z) 64QAM 26.793	256QAM 26.785	z BPSK 28.47	26 QPSK 28.63	dB BW (MH 16QAM 28.58	z) 64QAM <mark>28.65</mark>	256QAM 28.29	
(MHz) 3465 3500.01	CH 631000 633334	BPSK 26.775 26.762	9 QPSK 26.825 26.833	9% BW (MH 16QAM 26.794 26.803	z) 64QAM 26.793 26.807	256QAM 26.785 26.788	z BPSK 28.47 28.46	26 QPSK 28.63 28.45	dB BW (MH 16QAM 28.58 28.48	lz) 64QAM 28.65 28.51	256QAM 28.29 28.56	

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	5G NR BAND n77_Part27 Channel bandwidth: 40MHz(3450 to 3550 MHz)											
				D	FT-S-OFDN	I_SCS 30 kH	z					
Freq.	СЦ		9	9% BW (MH	z)			26	dB BW (MH	łz)		
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
3470.01	631334	35.721	35.8	35.731	35.742	35.713	37.42	37.77	37.84	37.6	37.92	
3500.01	633334	35.748	35.818	35.734	35.774	35.725	37.69	37.84	37.71	37.8	37.93	
3529.98	635332	35.779	35.763	35.708	35.777	35.74	37.54	37.67	37.94	37.76	37.81	
			5G NR BAN	D n77_Part2	7 Channel b	andwidth: 60)MHz(3450 to	o 3550 MHz))			
				D	FT-S-OFDN	I_SCS 30 kH	lz					
Freq.	СЦ		9	9% BW (MH	z)			26	dB BW (MF	łz)		
(MHz)	CIT	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
3480	632000	57.756	57.71	57.747	57.711	57.769	60.28	60.42	60.19	60.39	60.1	
3500.01	633334	57.74	57.646	57.953	57.829	57.809	60.37	60.29	60.29	60.63	60.23	
3519.99	634666	57.728	57.814	57.701	57.784	57.742	60.35	60.23	60.5	60.42	60.23	
			5G NR BAN	D n77_Part2	7 Channel b	andwidth: 80)MHz(3450 to	o 3550 MHz))			
				D	FT-S-OFDN	I_SCS 30 kH	Iz					
Freq.	СЦ		9	9% BW (MH	z)		26 dB BW (MHz)					
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
3490.02	632668	77.014	77.055	77.151	77.052	77.041	80.07	79.92	80.06	80.15	80.32	
3500.01	633334	77.025	77.127	76.948	76.98	76.948	79.94	80.25	80.13	80.1	80.09	
3510	634000	77.093	77.182	76.983	77.051	76.994	80.09	80.06	80.09	79.89	80.03	
		Ę	5g nr bani	D n77_Part27	Channel ba	andwidth: 10	OMHz(3450 t	o 3550 MHz)			
				D	FT-S-OFDN	I_SCS 30 kH	lz					
Freq.	СЦ		9	9% BW (MH	z)			26	dB BW (MH	łz)		
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
3500.01	633334	96.313	96.096	96.245	96.132	96.229	99.85	99.76	99.8	99.84	99.85	

5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3700 to 3980 MHz)												
	DFT-S-OFDM_SCS 30 kHz											
Freq.	СН		9	9% BW (MH	z)			26	dB BW (MH	łz)		
(MHz)	CIT	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
3710.0	647334	17.9350	17.8900	17.9940	17.8580	17.8290	18.5700	18.8100	18.7200	19.0600	18.8300	
3840.0	656000	17.9190	17.8200	17.8530	17.8600	17.8960	18.3900	19.0200	19.1400	19.0200	19.0200	
3970.0	3970.0 664666 17.6470 17.7600 17.8340 17.7620 17.8080 18.6200 19.1300 19.2900 19.2800 18.5800											

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	5G NR BAND n77_Part27 Channel bandwidth: 30MHz(3700 to 3980 MHz)											
				D	FT-S-OFDN	I_SCS 30 kH	lz					
Freq.	СЦ		9	9% BW (MH	z)			26	dB BW (MH	łz)		
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
3715.0	647668	26.7020	26.7530	26.7750	26.7210	26.8300	27.8800	28.3400	27.8200	27.8600	28.5100	
3840.0	656000	26.8090	26.7120	26.7940	26.7370	26.7600	27.9900	27.8000	27.9100	28.4500	27.8900	
3965.0	664332	26.7020	26.7720	26.7520	26.7130	26.7220	28.4000	28.3200	27.9800	27.9200	28.2100	
5G NR BAND n77_Part27 Channel bandwidth: 40MHz(3700 to 3980 MHz)												
DFT-S-OFDM_SCS 30 kHz												
Freq.	СН		9	9% BW (MH	z)			26	dB BW (MF	łz)		
(MHz)		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
3720.0	648000	35.7390	35.6330	35.7240	35.6770	35.7400	36.9700	37.0600	36.9700	37.1500	37.2600	
3840.0	656000	35.5410	35.6790	35.6310	35.7030	35.8170	37.6700	37.1300	37.3800	37.3700	37.5000	
3960.0	664000	35.7150	35.6330	35.8000	35.7630	35.6310	37.1400	37.3800	37.3200	37.0900	37.4300	
			5G NR BAN	D n77_Part2	7 Channel b	andwidth: 60)MHz(3700 to	o 3980 MHz))			
				D	FT-S-OFDN	I_SCS 30 kH	lz					
Freq.	СН		9	9% BW (MH	z)	_		26	dB BW (MH	łz)	-	
(MHz)		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
3730.0	648668	57.8350	57.5260	57.9580	57.8710	57.9030	59.7400	59.7600	59.9100	59.9000	59.8100	
3840.0	656000	57.8550	57.8740	57.7970	57.7860	57.7600	59.8300	59.6500	59.9400	59.8200	59.9400	
3950.0	663332	58.0090	57.9390	57.8460	57.9350	57.6410	59.7700	59.8400	59.9000	59.9300	59.7100	
			5G NR BAN	D n77_Part2	7 Channel b	andwidth: 80)MHz(3700 to	o 3980 MHz))			
				D	FT-S-OFDN	I_SCS 30 kH	lz					
Freq.	CU		9	9% BW (MH	z)			26	dB BW (MH	łz)		
(MHz)	СП	BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
3740.0	649334	77.1190	76.9060	76.8510	77.0970	76.9330	79.8300	79.5500	79.7000	79.5000	79.4800	
3840.0	656000	77.1490	76.7260	76.9610	76.9530	76.8710	79.6700	79.5900	79.3100	79.5800	79.5500	
3940.0	662666	76.9840	77.2580	76.9220	76.9600	76.9350	79.5100	79.4300	79.7800	79.5000	79.6900	
		Į	5g nr bani	D n77_Part27	7 Channel ba	andwidth: 10	0MHz(3700 1	to 3980 MHz)			
		DFT-S-OFDM_SCS 30 kHz										
Freq.	СЦ		9	9% BW (MH	z)			26	dB BW (MH	łz)		
(MHz)		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM	
3750.0	650000	96.5240	96.2310	96.3340	96.3200	96.3610	99.5900	99.3000	99.4800	99.3400	99.6400	
3840.0	656000	96.4110	96.1390	96.2130	96.2420	94.9390	99.4600	99.6700	99.5500	99.4300	99.3200	
3930.0	662000	95.9970	96.0730	96.3950	96.3860	96.5290	99.4900	99.3800	99.6400	99.3400	99.2700	

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	5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3450 to 3550 MHz)										
				CP_OFDM_	SCS 30 kHz						
Freq.	CU		99% BV	V (MHz)			26 dB B	W (MHz)			
(MHz)	СП	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM		
3460.02	630668	18.198	18.258	18.218	18.249	19.8	19.82	19.59	19.6		
3500.01	633334	18.228	18.28	18.198	18.17	19.92	19.92	19.66	19.56		
3540	636000	18.183	18.257	18.206	18.204	19.79	19.9	19.87	19.55		
	5G NR BAND n77_Part27 Channel bandwidth: 30MHz(3450 to 3550 MHz)										
	CP_OFDM_SCS 30 kHz										
Freq.	СЦ		99% BV	V (MHz)			26 dB B	W (MHz)			
(MHz)	СП	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM		
3465	631000	27.861	27.843	27.866	27.827	29.83	29.7	29.85	29.44		
3500.01	633334	27.852	27.909	27.877	27.858	29.76	29.67	29.55	29.57		
3534.99	635666	27.819	27.844	27.854	27.798	29.7	29.49	29.68	29.67		
		5G NR BAN	D n77_Part2	7 Channel b	andwidth: 40)MHz(3450 to	o 3550 MHz))			
				CP_OFDM_	SCS 30 kHz						
Freq.	CU		99% BV	V (MHz)			26 dB B	W (MHz)			
(MHz)	СП	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM		
3470.01	631334	37.851	37.803	37.884	37.897	39.86	39.86	40.05	39.97		
3500.01	633334	37.824	37.802	37.873	37.824	40.16	39.82	40.12	39.82		
3529.98	635332	37.828	37.786	37.841	37.768	39.95	39.86	40.06	40.06		
		5G NR BAN	D n77_Part2	7 Channel b	andwidth: 60)MHz(3450 to	o 3550 MHz)				
				CP_OFDM_	SCS 30 kHz						
Freq.	СЦ		99% BV	V (MHz)			26 dB B	W (MHz)			
(MHz)	СП	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM		
3480	632000	57.699	57.776	57.762	57.795	60.26	60.25	60.35	60.48		
3500.01	633334	57.774	57.884	57.729	57.859	60.35	60.56	60.41	60.36		
3519.99	634666	57.808	57.811	57.877	57.774	60.34	60.46	60.46	60.48		

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	5G NR BAND n77_Part27 Channel bandwidth: 80MHz(3450 to 3550 MHz)												
	CP_OFDM_SCS 30 kHz												
Freq.	СН		99% BV	V (MHz)			26 dB B	W (MHz)					
(MHz)	CIT	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM				
3490.02	632668	77.43	77.371	77.349	77.385	80.66	80.56	80.39	80.49				
3500.01	633334	77.303	77.383	77.312	77.314	80.47	80.5	80.21	80.53				
3510	634000	77.33	77.357	77.465	77.306	80.58	80.42	80.61	80.56				
	Ę	5g nr bane) n77_Part27	Channel ba	andwidth: 10	OMHz(3450 t	o 3550 MHz)					
				CP_OFDM_	SCS 30 kHz								
Freq.	СЦ		99% BV	V (MHz)			26 dB B	W (MHz)					
(MHz)	CIT	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM				
3500.01 633334 97.351 97.392 97.355 97.418 100.73 101.04 101.02 101.0									101.01				
<u>3500.01</u> 633334 97.351 97.392 97.355 97.418 100.73 101.04 101.02 101.01													

5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3700 to 3980 MHz)												
	CP_OFDM_SCS 30 kHz											
Freq.	СН		99% BV	V (MHz)		26 dB BW (MHz)						
(MHz)	CIT	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM			
3710.0	647334	18.2050	18.2410	18.2030	18.1460	19.5500	19.4500	19.4100	19.4200			
3840.0	656000	18.1870	18.2500	18.1870	18.1650	19.7500	19.5800	19.4400	19.5900			
3970.0	664666	18.2200	18.1970	18.1850	18.1890	19.6300	19.4100	19.5200	19.4600			
5G NR BAND n77 Part27 Channel bandwidth: 30MHz(3700 to 3980 MHz)												
		5G NR BAN	D n77_Part2	7 Channel b	andwidth: 30)MHz(3700 to	o 3980 MHz)					
		5G NR BAN	D n77_Part2	7 Channel b CP_OFDM_	andwidth: 30 SCS 30 kHz)MHz(3700 to) 3980 MHz)					
Freq.	СН	5G NR BAN	D n77_Part2 99% BV	7 Channel b CP_OFDM_ V (MHz)	andwidth: 30 SCS 30 kHz)MHz(3700 to	26 dB B	W (MHz)				
Freq. (MHz)	СН	5G NR BAN QPSK	D n77_Part2 99% BV 16QAM	7 Channel b CP_OFDM_ V (MHz) 64QAM	andwidth: 30 SCS 30 kHz 256QAM	OMHz(3700 to OPSK	26 dB B 16QAM	W (MHz) 64QAM	256QAM			
Freq. (MHz) 3715.0	CH 647668	5G NR BAN QPSK 27.8250	D n77_Part2 99% BV 16QAM 27.8290	7 Channel b CP_OFDM_ V (MHz) 64QAM 27.9170	andwidth: 30 SCS 30 kHz 256QAM 27.8380	0MHz(3700 tr 0PSK 29.6000	26 dB B 16QAM 29.2900	W (MHz) 64QAM 29.7200	256QAM 29.6400			
Freq. (MHz) 3715.0 3840.0	CH 647668 656000	5G NR BAN QPSK 27.8250 27.8850	D n77_Part2 99% BV 16QAM 27.8290 27.8060	7 Channel b CP_OFDM_ V (MHz) 64QAM 27.9170 27.7990	andwidth: 30 SCS 30 kHz 256QAM 27.8380 27.8430	0MHz(3700 tr QPSK 29.6000 29.7900	26 dB B 16QAM 29.2900 29.6100	W (MHz) 64QAM 29.7200 29.3300	256QAM 29.6400 29.1300			

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	5G NR BAND n77_Part27 Channel bandwidth: 40MHz(3700 to 3980 MHz)											
				CP_OFDM_	SCS 30 kHz							
Freq.	CU		99% BV	V (MHz)			26 dB B	W (MHz)				
(MHz)	CH	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM			
3720.0	648000	37.8760	37.7310	37.8870	37.7670	39.6900	39.4400	39.7400	39.9100			
3840.0	656000	37.8330	37.8470	37.8360	37.9590	39.5900	39.5700	39.6800	39.9000			
3960.0	664000	37.8010	37.8010 37.7520 37.7870 37.8040 39.8500 39.8000 39.8700 39.6100									
	5G NR BAND n77_Part27 Channel bandwidth: 60MHz(3700 to 3980 MHz)											
				CP_OFDM_	SCS 30 kHz							
Freq.	CU		99% BV	V (MHz)			26 dB B	W (MHz)				
(MHz)	СП	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM			
3730.0	648668	57.8950	57.7990	57.6540	57.7490	60.1200	60.3900	60.0400	60.0200			
3840.0	656000	57.6940	57.7950	57.7280	57.7020	60.1900	60.0200	60.0700	59.9500			
3950.0	663332	57.8120	57.7890	57.8100	57.8100	60.1000	60.3800	60.0900	59.9400			
		5G NR BAN	D n77_Part2	7 Channel b	andwidth: 80)MHz(3700 to	o 3980 MHz))				
				CP_OFDM_	SCS 30 kHz							
Freq.	CU		99% BV	V (MHz)			26 dB B	W (MHz)				
(MHz)	СП	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM			
3740.0	649334	77.4360	77.3100	77.4410	77.3990	80.4600	80.3700	80.0700	80.4000			
3840.0	656000	77.3190	77.3530	77.2620	77.1540	80.3300	80.1400	80.0900	80.2400			
3940.0	662666	77.3600	77.2810	77.4440	77.3210	79.9600	80.0800	81.0000	80.1100			
	Ę	5g nr bani	D n77_Part27	Channel ba	andwidth: 10	0MHz(3700 1	to 3980 MHz)				
				CP_OFDM_	SCS 30 kHz							
Freq.	СЦ		99% BV	V (MHz)			26 dB B	W (MHz)				
(MHz)	CIT	QPSK 16QAM 64QAM 256QAM QPSK 16QAM 64QAM 256QAM										
3750.0	650000	97.4770	97.3870	97.1610	97.3140	100.6600	100.6900	100.5700	100.6500			
3840.0	656000	97.2830	97.2230	97.3450	97.1820	100.5800	100.5900	100.6100	100.5600			
3930.0	662000	97.2890	97.4170	97.4500	97.3160	100.4800	100.6200	100.6100	100.6800			

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Band2 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH370500







Band2_5MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB25_0_CH381500

-0-0-0-		100000000		-	0.0000000		V	Hyper - Occupied B/A	Spectrum Analy	🔤 Keysigi
Frequency	None vice: BTS	Radio Std: None Radio Device: BTS		Center Freq: 1.907500000 GHz Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB			Ref Offset 14.02 dB			Cente
							dB N	f Offset 14.02 d f 30.00 dBm	Ref	10 dB/d
Center Freq 1.907500000 GHz			-							20.0
		To year			1			d		10.0
	manne								Any	41.0
	0.7.5 MHz	Spar						H7	1.908 GF	Center
CF Step 750.000 kHz	p 3.8 ms	Swee		KHZ	VBW 150			z	W 51 kH	#Res E
Auto Man		.0 dBm	29	ower	Total I		h	Bandwidt	upied E	Oc
Freq Offset	1					IHz	4731 M	4.4		
0 Hz		99.00 %	er s	BW Powe	% of O	kHz	-11.172	eq Error	smit Fre	Tra
		6.00 dB	-2		x dB	MHz	5.091	idth	Bandwi	x di
		rus.	StA'							MSG



Band2_5MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB25_0_CH376000



Band2_5MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB25_0_CH381500



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Band2_5MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB25_0_CH370500





Band2_5MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB25_0_CH376000





Keysight Sp	ectrum Analyser - Occupied Bi	N	and a strength of the		and the second		-0-10-10-
Center F	req 1.907500000 NFE	I GHz	Center Freq: 1.907 Trig: Free Run #Atten: 30 dB	Radio Sto Radio De	PH Apr 16, 2022 d: None vice: BTS	Frequency	
10 dB/div	Ref Offset 14.02 Ref 30.00 dBr	dB M					
20.0		muni	-	-	~~~		Center Freq 1.907500000 GHz
-10.0	1				An mar		
41.0						Maritica	
Center 1	.908 GHz				Spa	n 7.5 MHz	CF Step
#Res BW	51 KHZ	**	#VBW 150	RHZ	27.8 dBm	ep 3.8 ms	750.000 kHz Auto Man
occu	4.	4841 MH	z	· ciici	21.0 0.0.11		Freq Offset
Trans x dB I	mit Freq Error Bandwidth	-13.721 kH 4.958 MH	łz %of0 łz xdB	DBW Power	99.00 % -26.00 dB		0 Hz
MSG					status		



Band2_5MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB25_0_CH376000



Radio Device: BTS	stree svil nter Freq: 1.907500000 GHz ig: Free Run AvgiHold: 10/10 tten: 30 dB			Center Trig: F #Atten	ter Freq 1.907500000 GHz				
					2 dB Bm	Ref Offset 1 Ref 30.00	0 dB/div		
		an Marriage				1	00 00 00		
m.			-		_		00		
Marco									
Span 7.5 MHz			/BW/ 150			8 GHz	enter 1.9		
3 dBm	27.3	ower	Total F		dth	ed Bandw	Occup		
9.00 %	er 99	BW Powe	% of O	62 Hz	4.4779 MHz ansmit Freq Error 62 Hz IB Bandwidth 4955 MHz				
TS MHz 8 ms	Radio Stel Non Radio Device: B Span 7:5 Sweep 3. 3 dBm	Aradio Std: Non Radio Device: B Span 7.5 Symep 3. 27.3 dBm rr 99.00 %	Avglided: 1919 Avglided: 1919 Radio Device: B Span 7.5 Sweep 3. Power 27.3 dBm BW Power 99.00 %	Pres: 150200000 GHz Reado Stic Nom Radio Device: B Augitold: 1010 70 dB Pres: 15020000 Radio Device: B Radio Device: B	Cremer Free: 130780000 OHz Trig: Free Markov Site Harn Radio Site Harn Radio Site Harn Radio Device B Radio Site Harn Radio Site Harn Streege J Total Power 27.3 dBm HZ 2 Hz % of OBW Power 99.00 %	000 GHz Center Free: 140700000 Urz Britishow Radio Sist Horn Radio Sist Horn Radio Sist Horn Radio Device B 02 GB GBm State: 30 dB State: 30 dB #VEW 150 kHz Spear 7.5 Syee 7.3 dBm 444779 MHz r 62 Hz r 62 Hz % of OEW Power 99.00 %	erg 1.907500000 GHz BTG details w Ref 30.00 dBm Ref 30.00 dBm		

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Band2 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH370500







Band2_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH381500

E Keysight Spect	trum Analyser - Occupied BW	10k	deste d'Altre d'Altre		10.000		-0- 6-
Center Fre	aq 1.907500000 NFE	GHz #FGain:Low	Center Freq: 1.9075 Trig: Free Run #Atten: 30 dB	Radio St Radio De	PH Apr 16, 2022 d: None wice: BTS	Frequency	
10 dB/div	Ref Offset 14.02 d Ref 30.00 dBm	в					
20 0 10 0	at the second se		and the second	nom in the	uture.		Center Freq 1.907500000 GHz
10.0	d				1 m		
-410					~	- margane	
60.0							
Center 1.9 #Res BW	108 GHz 51 kHz		#VBW 150	kHz	Spa	ep 3.8 ms	CF Step 750.000 kHz
Occup	ied Bandwidt 4.4	h 4751 MH	Total F	Power	25.4 dBm		Auto Man Freg Offset
Transm x dB Ba	it Freq Error Indwidth	-6.133 ki 5.008 Mi	Hz %ofO Hz xdB	BW Power	99.00 % -26.00 dB		0 Hz
MSG					status		



Band2 10MHz DFT s OFDM SCS15kHz BPSK RB50 0 CH376000



Center Freq	ter Freq 1.905000000 GHz NEF Freq 1.905000000 GHz NEF Reg 1.905000000 GHz NEF Reg 1.905000000 GHz Artigen 20 dB Reg 1.905000000 GHz Radio Stati Noze Radio Stati Noze								Frequency
10 dB/div	Ref Offset 14 Ref 25.00 c	02 dB IBm							
150 600	1					Adama			Center Free 1.905000000 GH
25.0	1	-	_	-			1		
41.0 WWW							Ww./S	a martin	
Center 1.90	5 GHz 00 kHz			VBW 300 F	(Hz		Spa Sweep	an 15 MHz 1,467 ms	CF Step
Occupie	d Bandw	idth		Total P	ower	31.1	dBm		Auto Mar
Transmit x dB Ban	8.9051 MHz ransmit Freq Error -197.10 kHz dB Bandwidth 9.499 MHz			% of OBW Power 9 x dB -24			.00 % 00 dB		Freq Offse 0 H
50						statu	6		

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Band2 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH371000

Keysight Spect	burn Analyser - Occupied Bi	V	Contra a la Contra da Contra	-	100.000 0000000000000000000000000000000	-0-6-
Center Fre	aq 1.855000000 NFE	GHz Cen #FGein:Low #At	ter Freq: 1.85500 Free Run en: 30 dB	0000 GHz Avg Hold: 10/10	Radio Std: None Radio Device: BT	Prequency
10 dB/div	Ref Offset 14.02 Ref 25.00 dBr	dB N				
15.0 5.00	fre	***			~	Center Freq 1.855000000 GHz
16.0 -25.0					havie	_
41.0	water					~
Center 1.8	55 GHz				Span 15 M	NHZ CF Step
Occup	Res BW 100 kHz Occupied Bandwidth		Total P	ower	30.6 dBm	1.500000 MHz Auto Man
	8.	9309 MHz				Freq Offset
Transm x dB Ba	it Freq Error Indwidth	-160.15 kHz 9.588 MHz	% of Ol x dB	BW Power	99.00 % -26.00 dB	0 Hz
MSG					STATUS	

Band2_10MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB50_0_CH376000



Band2_10MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB50_0_CH381000

0-0-0-0-		100000		the state of the	G	ourn Analyser - Occupied BW	E Keysight Spec
Frequency	Radio Device: BTS		00 GHz Avg Hold:>10/10	er Freq: 1.90500 Free Run In: 30 dB	GHz Ce #FGein:Low #A	aq 1.905000000 NFE	Center Fr
					в	Ref Offset 14.02 d Ref 25.00 dBm	10 dB/div
Center Freq 1.905000000 GHz					~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	mm	150 600
		true				wonth	16.0 -25.0
	- Carny						-45.0 (55.0
Z CF Step 1.500000 MHz	an 15 MHz 5 1.467 ms	Spa Sweep	2	#VBW 300		05 GHz 100 kHz	Center 1. #Res BW
Freg Offsel		30.7 dBm	ver 3	Total P	9116 MHz	Occupied Bandwidth 8.9116 MH	
0 Hz		99.00 % 26.00 dB	V Power	% of O x dB	-191.40 kHz 9.594 MHz	it Freq Error ndwidth	Transm x dB Ba
		tatus.	51				MSG



Band2_10MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB50_0_CH376000



Center Fre	rq 1.90500000 NFE	0 GHz Cer #FGein:Low #At	sther Freq: 1.9050 g: Free Run ten: 30 dB	Radio Sto Radio De	None vice: BTS	Frequency	
0 dB/div	Ref Offset 14.02 Ref 25.00 dB	dB m					
15.0 5.00	-		r				Center Free 1.905000000 GH
16.0 25.0	hat				- Inne		
15.0 55.0			_			- www	
Center 1.9 Res BW	05 GHz 100 kHz		#VBW 300	kHz	Spa Sweep	an 15 MHz 1.467 ms	CF Step 1.500000 MH
Occup	ccupied Bandwidth 8 9047 MHz			Power	29.5 dBm		Auto Ma
Transm x dB Ba	ansmit Freq Error -199.15 kHz dB Bandwidth 9.573 MHz		% of C x dB	BW Power	99.00 % -26.00 dB		OH

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Band2 10MHz DFT s OFDM SCS15kHz 64QAM RB50 0 CH371000

-02-02-02-02-02-02-02-02-02-02-02-02-02-		10.000		Contra La Contra da Contra		ours Analyzer - Occupied BW	E Keysight S
Frequency	None None	Radio Std: None Radio Device: BTS		ter Freq: 1.85500 ;: Free Run ten: 30 dB	GHz Cen Trig #At	aq 1.855000000 NFE	Center
					1	Ref Offset 14.02 di Ref 25.00 dBm	10 dB/div
Center Fre 1.855000000 GH						free	150 500
		1					-16.0
	and a						47.0
CF Ste	n 15 MHz 1.467 ms	Spa Sweep	Hz	#VBW 300 P		55 GHz 100 kHz	Center #Res BV
Auto Ma		.2 dBm	ower 2	Total P	108 MHz	Occupied Bandwidth 8.9108 MH	
он		99.00 % 6.00 dB	W Power	% of O x dB	-184.57 kHz 9.643 MHz	it Freq Error ndwidth	Tran: x dB
		tus	57				MSG



Band2_10MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB50_0_CH381000

E Keysight Spect	ours Analyzer - Occupied BV	V	-	1.1 m 1 1			-		-0-0-0-
Center Fre	aq 1.905000000 NFE	GHz #FGein:Low	Center F Trig: Fre #Atten: 1	reg: 1.90500 re Run 10 dB	0000 GHz Avg Hold: 1	0/10	Radio De	PH Apr 16, 2022 d: None rvice: BTS	Frequency
10 dB/div	Ref Offset 14.02 Ref 25.00 dBn	dB N							
150 600									Center Freq 1.905000000 GHz
15.0	1						1		
45.0							- Auril	minan	
Center 1.9	05 GHz						Sp	an 15 MHz	CF Step
#Res BW	100 kHz		#VI	BW 300 K	Hz		Sweep	1.467 ms	1.500000 MHz Auto Man
Occup	Occupied Bandwidth 8.9352 MH		z	Total P	ower	29.	1 dBm		FreqOffset
Transm x dB Ba	it Freq Error ndwidth	-182.10 kl 9.574 Mi	Hz Hz	% of OI x dB	BW Power	99 -26	9.00 % .00 dB		0 Hz
MSG						statu	5		



Band2_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH376000



enter Fre	rq 1.905000000	GHz #FGein:Low	Center Freq: 1.905000000 GHz Trig: Free Run AvgiHold: 10/10 RAtten: 30 dB			Std: None Device: BTS	Frequency
dB/div	Ref Offset 14.02 Ref 25.00 dBr	dB m					
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				00.0			Center Fre 1.905000000 GH
50 50	and the		-		1		
50 50							
enter 1.9 Res BW 1	05 GHz 100 kHz		#VBW 300	KHZ	Swee	Span 15 MHz ep 1.467 ms	CF Ste 1.500000 MH
Occupi	Occupied Bandwidth 8.9176 MHz			Total Power 27			Auto Ma
Transm x dB Ba	ansmit Freq Error -189.17 kHz JB Bandwidth 9.590 MHz		% of O x dB	% of OBW Power 9 x dB -2			0 H

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Band2 15MHz DFT s OFDM SCS15kHz BPSK RB75 0 CH371500

Keysight Spec	trum Analyser - Occupied 8	W			10.000		0-0-0-0-
Center Fr	eq 1.85750000 NFE	0 GHz #FGeinLow	Center Freq: 1.8 Trig: Free Run #Atten: 30 dB	57500000 GHz Avg Hold: 11	0/10 Radio Radio	05 PH Apr 16, 2022 Std: None Device: BTS	Frequency
10 dB/div	Ref Offset 14.02 Ref 30.00 dB	dB m					
20.0 10.0	-		M		-	_	Center Fred 1.857500000 GHz
10.0	1				X		
410	www.				1.10	marchiter	
50.0 60.0							
Center 1.1 #Res BW	858 GHz 150 kHz		#VBW 47	'0 kHz	Sp.	an 22.5 MHz Weep 1 ms	CF Step 2.250000 MH
Occup	Occupied Bandwidth 13.393 MH			I Power	30.8 dBm		Auto Mar
Transm x dB Ba	nit Freq Error andwidth	-352.18 ki 14.22 Mi	Hz %of Hz xdB	OBW Power	99.00 % -26.00 dB		0 Ha
MSG					STATUS		





Band2_15MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB75_0_CH380500

E Keysight Spect	bum Analyser - Occupied	DW .		100000			-		-0- 6-
Center Fre	eq 1.90250000 NFE	00 GHz #FGeinLow	Center I Trig: Fr #Atten:	Center Freq: 1.902500000 GHz Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB			Radio Device: BTS		Frequency
10 dB/div	Ref Offset 14.0 Ref 30.00 dE	2 dB 3m							
20.0 10.0	-		to far the se						Center Freq 1.902500000 GHz
10.0	A						1		
40.0 50.0	and and a						for	the second	
Center 1.9 #Res BW	03 GHz 150 kHz		#V	BW 4701	KHZ		Span Sw	22.5 MHz eep 1 ms	CF Step 2.250000 MHz
Occup	Occupied Bandwidth 13,390 MH		Total Power 30			30.8	dBm		Auto Man
Transm x dB Ba	it Freq Error Indwidth	-379.26) 14.08 N	(Hz IHz	% of O x dB	BW Power	-26.	0.00 % 00 dB		0 Hz
MSG						statu	5		L



Band2_15MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB75_0_CH376000



10 dB/div			Avg[Hold:>1	0/10 Radio De	ivice: BTS	Frequency	
and the second sec	dB m						
20 0 10 0 0 00	- Como						Center Fre 1.902500000 GH
10.0 20.0 30.0 41.0	w				han	mana	
60.0							
Res BW 150	GHZ kHZ		#VBW 470	0 kHz	Span	reep 1 ms	CF Ste 2.250000 MH
Occupied	l Bandwid 1	th 3.416 MH;	Total Z	Power	30.2 dBm		Auto Ma
Transmit I x dB Band	Transmit Freq Error -384.71 kHz x dB Bandwidth 14.26 MHz		z % of z x dB	% of OBW Power 9 x dB -2			OH

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Band2 15MHz DFT s OFDM SCS15kHz 16QAM RB75 0 CH371500

-0-0							V	Occupied BW	um Analyser - 0	Keysight Spect
Frequency	PH Apr 16, 2022 d: None wice: BTS	Radio Std Radio De	: 10/10	00000 GHz Avg Hold	Freq: 1.8575 ee Run 30 dB	Cente Trig: I #Atter	GHz #FGeintow	500000 NFE	q 1.8575	enter Fre
							dB n	et 14.02 d .00 dBm	Ref Offs Ref 30.	dB/div
Center Free 1.857500000 GH			-							29 0 0 0 0 0 0
	And the form	perto							mont	
CESter	22.5 MHz	Span							58 GHz	enter 1.8
2.250000 MH	eep 1 ms	Sw		kHz	BW 470				50 kHz	Res BW
FreqOffse		.3 dBm	29	ower	Total I	MHz	th 3.444 N	dwidth	ed Ban	Occup
он		99.00 % 6.00 dB	er ! -2	BW Powe	% of C x dB	98 kHz 6 MHz	-377.94 14.16	rror	it Freq E ndwidth	Transm x dB Ba
		tus	STA							5



Band2_15MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB75_0_CH380500

📕 Keysight Sp	ectrum Analyser - Occupied Bi	V		100	States and		-03-03-00-
Center F	req 1.902500000 NFE	GHz #FGeinLow	Center Freq: 1.9025 Trig: Free Run #Atten: 30 dB	00000 GHz AvgiHold: 10/1	Radio Sto Radio De	None vice: BTS	Frequency
10 dB/div	Ref Offset 14.02 Ref 30.00 dBr	dB N					
20.0					-		Center Freq 1.902500000 GHz
10.0 -20.0 -30.0	ww				1 march	141 m	
40.0 NLY							
Center 1 #Res BW	.903 GHz 150 kHz		#VBW 470	kHz	Span Sw	22.5 MHz eep 1 ms	CF Step 2.250000 MHz
Occu	pied Bandwidt 13	h 3.406 MH	Total F	ower	29.2 dBm		Auto Man Freq Offset
Transi x dB E	mit Freq Error Bandwidth	-383.50 kH 14.10 MH	lz % of O lz xdB	BW Power	99.00 % -26.00 dB		0 Hz
MSG					STATUS		



Band2_15MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB75_0_CH376000



Center Fre	aq 1.902500000 NFE	O GHz #FGein:Low	Sthot 2011 Center Freq: 1.9025 Trig: Free Run #Atten: 30 dB	00000 GHz Avg Hold: 10	02-22-40 Radio St 10 Radio De	PH Apr 16, 2022 ad: None evice: BTS	Frequency	
10 dB/div	Ref Offset 14.02 dB Ref 30.00 dBm							
20.0 10.0					***		Center Free 1.902500000 GH	
10.0								
30.0	mithal				- Aug	Mary		
60.0								
Center 1.9 Res BW	03 GHz 150 kHz		#VBW 470	kHz	Spai Sv	n 22.5 MHz veep 1 ms	CF Ste 2.250000 MH	
Occup	ied Bandwid	th	Total	Power	28.6 dBm		Auto Ma	
	1:	3.391 MH	z	<u></u>	00/00/07		Freq Offse	
Transm x dB Ba	it Freq Error Indwidth	-382.62 kH 14.12 MH	lz %ofC lz xdB	BW Power	99.00 % -26.00 dB			
50					STATUS			

Band2_15MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB75_0_CH380500

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Band2 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH371500

Keysight Spec	trum Analyzer - Occupied	BW	2.414	11121212			-		-0-16-
Center Fr	eq 1.85750000 NFE	0 GHz #FGein:Low	Center Fr Trig: Fre #Atten: 3	req: 1.85750 e Run 10 dB	00000 GHz AvgiHold	>10/10	Radio Std	W Apr 16, 2022 I: None vice: BTS	Frequency
10 dB/div	Ref Offset 14.02 Ref 30.00 dB	2 dB m							
20.0 10.0	-	~~~~							Center Fred 1.857500000 GH:
-20.0							2		
410 00.00	Howard						had	min	
Center 1.4 #Res BW	358 GHz 150 kHz		#VE	3W 470 P	KHZ		Span Sw	22.5 MHz eep 1 ms	CF Step 2.250000 MH
Occup	ied Bandwid	Ith 3.433 MH	Ηz	Total P	ower	26.	7 dBm		Auto Mar Freg Offse
Transm x dB Ba	nit Freq Error andwidth	-343.75 k 14.46 M	Hz	% of O x dB	BW Powe	er 9 -26	9.00 % .00 dB		OH
MSG						stati	8		

Band2_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH376000



Band2_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH380500

Keysight Spect	rum Analyser - Occupied Bi	V			100000		-0-0	
Center Fre	ng 1.902500000	#FGain:Low	Center Freq: 1.90250 Trig: Free Run #Atten: 30 dB	Radio Std Radio Dev	M Apr 16, 2022 : None vice: BTS	Frequency		
10 dB/div	Ref Offset 14.02 Ref 30.00 dBr	dB n						
200	-						Center Freq 1.902500000 GHz	
-10.0	1							
41.0	unit				Tom	and the		
coo Center 1.9	03 GHz				Span	22.5 MHz	CEStor	
#Res BW 1	150 kHz		#VBW 4701	KHZ	Swe	eep 1 ms	2.250000 MHz	
Occupi	ied Bandwidt 13	th 3.430 MH	Total P	ower 2	6.8 dBm		Freq Offset	
Transm x dB Ba	it Freq Error ndwidth	-370.49 kH 14.20 MH	z % of Ol z x dB	BW Power -2	99.00 % 26.00 dB		0 Hz	
MSG				sb	ATUS			



Band2_20MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB100_0_CH376000



alBidiu		and the second	#Atten: 3	e Run 10 dB	Avg Hold;	10/10	Radio Dev	rice: BTS	
o ubruiv	Ref Offset 14.02 Ref 30.00 dBr	dB n							
00 00 100	- p	a.a				-			Center Fre 1.900000000 GH
	~						mar	10	
0.0									
enter 1.9 Gi Res BW 200	Hz kHz		#VE	BW 620 P	Hz		Spa Swe	n 30 MHz ep 1 ms	CF Ste 3.000000 Mi-
Occupied	l Bandwidt 17	th 7.863 MH	z	Total P	ower	30.	1 dBm		Auto Ma
Transmit F x dB Band	req Error width	-561.39 ki 18.94 Mi	lz Iz	% of OI x dB	3W Powe	r 99 -26	9.00 % .00 dB		OH

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Band2 20MHz DFT s OFDM SCS15kHz QPSK RB100 0 CH372000

Keysight Spe	ctrum Analyser - Occupied B	W.					-0-0-
Center Fr	req 1.86000000	0 GHz C #FGein:Low	Senter Freq: 1.8600 rig: Free Run Atten: 30 dB	00000 GHz AvgiHold: 10/1	Radio Std Radio Dev	H Apr 16, 2022 I: None vice: BTS	Frequency
10 dB/div	Ref Offset 14.02 Ref 30.00 dB	dB m					
200 100			-		-		Center Freq 1.86000000 GHz
10.0							
-10 100	www					and March	
60.0							
Center 1. #Res BW	86 GHz 200 kHz		#VBW 620	kHz	Spa Swe	eep 1 ms	CF Step 3.000000 MHz
Occup	oled Bandwid	th 7.896 MHz	Total F	ower	29.7 dBm		Auto Mar
Transm	nit Freq Error	-520.71 kHz	z % of O	BW Power	99.00 %		0 Hs
x dB B	andwidth	18.72 MHz	⊻ xdB		-26.00 dB		
MSG					status		







-0-0-0-		100000		-	na kiter titi in	-	EW.	um Analyser - Occupied I	Keysight Sp
Frequency	H Apr 16, 2022 : None vice: BTS	Radio Dev	>10/10	00000 GHz AvgiHold	Freq: 1.9000 ree Run : 30 dB	Cente Trig: I #Atter	IO GHz #FGain:Low	q 1.90000000 NFE	Center F
							2 dB Sm	Ref Offset 14.02 Ref 30.00 dB	10 dB/div
Center Freq 1.90000000 GHz					and we are		angele - ale		20.0
	Maria	tran						ford	-10.0 -20.0 -30.0
									40.0 50.0 60.0
CF Step 3.000000 MHz	n 30 MHz ep 1 ms	Spa Swe		Hz	/BW 620			GHz 00 kHz	Center 1 #Res BW
Auto Man Freq Offset		.4 dBm	29	ower	Total F	MHz	ith 7.876 M	ed Bandwid 1	Occu
0 Hz		99.00 % 5.00 dB	-20	BW Powe	% of O x dB	33 kHz 3 MHz	-560.83 18.73	t Freq Error ndwidth	Trans x dB I
L		us	STAT						MSG



Band2_20MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB100_0_CH376000



Da	nuz_zowinz_Di	1_3_01 DIVI_3C31	JKITZ_TOQAIV	I_KD100_0_C	11300000
Keysight Spectru	n Analyser - Occupied BW				-0- 0- 🖬
Center Freq	1.900000000 GHz NFE #FGair	Center Freq: 1.900 Trig: Free Run #Atten: 30 dB	000000 GHz Avg Hold: 10/10	Radio Std: None Radio Device: BT	Frequency
10 dB/div	Ref Offset 14.02 dB Ref 30.00 dBm				
20.0	- Jacob	and a stranger of the cost	attanen petico		Center Free 1.90000000 GHz
10.0					_
30.0	the state			harm	_
41.0					den .
Center 1.9 C	SHz			Span 30 M	NHZ OF OUR
Res BW 20	l0 kHz	#VBW 620	kHz	Sweep 1	ms 3.000000 MHz

Total Power

x dB

% of OBW Power

28.6 dBm

99.00 %

-26.00 dB

Freq Offs 01

Band2 20MHz DET & OEDM SCS15kHz 16OAM PR100 0 CH380000

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Occupied Bandwidth

Transmit Freg Error

x dB Bandwidth

17.876 MHz

-556.31 kHz

18.82 MHz

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Band2 20MHz DFT s OFDM SCS15kHz 64QAM RB100 0 CH372000

-0-0		C. C					yper - Occupied BW	ight Spectrum Analy	Key
Frequency	None	Radio Dev	10/10	00000 GHz AvgiHold	Freq: 1.8600 ree Run : 30 dB	Z Cente Trig: #Atte	50000000 G	er Freq 1.8	Cent
							Offset 14.02 dB 30.00 dBm	Ref Ref	10 dE
Center Free 1.86000000 GHz			-	and and			puna		200- 10:0-
	Mr. m.	money					1	a marine	-10.0
									40.0 60.0
CF Step 3.000000 MHz	n 30 MHz ep 1 ms	Spa Swe		Hz	/BW 620		z Hz	er 1.86 GHz BW 200 kH	Cent #Res
Auto Mar		3.4 dBm	28	ower	Total F	91 MHz	Bandwidth	cupied E	0
0H		99.00 % 6.00 dB	er -2	BW Powe	% of O x dB	524.98 kHz 18.73 MHz	dth	ansmit Fre IB Bandwi	Tr X
		tus	sta						MSG

Band2_20MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB100_0_CH376000



Band2_20MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB100_0_CH380000

📕 Keysight Spe	ctrum Analyser - Occupied Bi	V	Contraction of the	100	100000		-0-0-0-
Center Fr	req 1.900000000 NFE	I GHz #FGein:Low	Center Freq: 1.900 Trig: Free Run #Atten: 30 dB	AvgiHold: 10	Radio Str Radio De	PH Apr 16, 2022 d: None vice: BTS	Frequency
10 dB/div	Ref Offset 14.02 Ref 30.00 dBr	dB					
20.0		horsoficsas	and the second				Center Freq 1.90000000 GHz
10.0							
-41.0 -41.0	www				(maril	-	
-50.0							
Center 1. #Res BW	9 GHz 200 kHz		#VBW 620	kHz	Spi Sw	an 30 MHz eep 1 ms	CF Step 3.000000 MHz
Occup	bied Bandwidt 17	h 7.856 MH	Total Z	Power	28.4 dBm		Auto Man Freq Offset
Transn x dB B	nit Freq Error andwidth	-561.17 ki 18.76 Mi	Hz % of C Hz x dB	BW Power	99.00 % -26.00 dB		0 Hz
MSG					status		L

Frequency	None	Radio Std	10/10	00000 GHz Avg Hold:	Freq: 1.860 Free Run :: 30 dB	Iz Cente Trig: I Sein:Low #Atter	1.86000000 GI	enter Freq 1
							Ref Offset 14.02 dB Ref 30.00 dBm	0 dB/div R
Center Fre 1.86000000 GF			m	maria	- hree	New York Completion	-	000
								20.0
		her who						11.0
CF Ste 3.000000 Mi	n 30 MHz ep 1 ms	Spa Swe		kHz	VBW 620		Hz kHz	Center 1.86 Gi Res BW 200
Auto Ma		2 dBm	26.	ower	Total	00 ML	Bandwidth	Occupied
Freq Offs 0 F		9.00 %	r 9	BW Powe	% of C	-534.37 kHz	req Error	Transmit F
		.00 dB	-26		x dB	18.70 MHz	width	x dB Bandy

Band2_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH376000



	Band2 20MHz	DFT s OFDM	SCS15kHz	256QAM	RB100 0	CH380000
--	-------------	------------	----------	--------	---------	----------

Keysight Sp	pectrum Analyser - Occupied	BW			10.101.001		-0-10-21
Center F	req 1.90000000 NFE	0 GHz #FGein:Low	Center Freq: 1.9000 Trig: Free Run #Atten: 30 dB	Radio Std Radio Dev	H Apr 16, 2022 : None vice: BTS	Frequency	
10 dB/div	Ref Offset 14.02 Ref 30.00 dB	2 dB m					
20.0 10.0		dia manana	Marya al Harrison and		~		Center Fred 1.900000000 GH:
-10.0							
40.0	mon				line	marin	
Center 1 #Res BW	I.9 GHz / 200 kHz		#VBW 620	kHz	Spa	n 30 MHz eep 1 ms	CF Step 3.000000 MH
Occu	pied Bandwid	nth 7.858 MH	Total F	Power	26.2 dBm		Auto Mar
Trans x dB I	mit Freq Error Bandwidth	-561.42 k 18.68 M	Hz % of O Hz xdB	BW Power	99.00 % -26.00 dB		0 Hz
					at. 1. a		

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Band5 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH165300



Band5 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH167300



Band5_5MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB25_0_CH169300





Band5_5MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB25_0_CH167300





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Band5 5MHz DFT s OFDM SCS15kHz 16QAM RB25 0 CH165300



Band5 5MHz DFT s OFDM SCS15kHz 16QAM RB25 0 CH167300









Band5 5MHz DFT s OFDM SCS15kHz 64QAM RB25 0 CH167300





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Band5 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH165300



Band5_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH167300



Band5_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH169300

Keysight Spect	trum Analyser - Occupied BN	10-		-			903243		-03-03-00-
Center Fre	eq 846.500000 M NFE	AHz AFGein:Low	Center Freq: 846.500000 MHz Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB			10/10	Radio Device: BTS		Frequency
10 dB/div	Ref Offset 14.48 c Ref 30.00 dBm	B							
20.0 10.0			me	فسيحت	Alexand	lan			Center Freq 846.500000 MHz
10.0	- and						and and		
30.0 40.0 50.0	Contraction of the second seco						1	how	
Center 84	6.5 MHz						Spa	in 7.5 MHz	05.01-0
#Res BW	51 kHz		#VBI	N 150 k	Hz		Swe	ep 3.8 ms	750.000 kHz
Occup	ied Bandwidt 4.4	h 4704 MH	łz	Total P	ower	25.3	2 dBm		Freg Offset
Transm x dB Ba	nit Freq Error Andwidth	-3.377 k 5.031 M	Hz s	% of OE x dB	BW Powe	er 99 -26.	0.00 % 00 dB		0 Hz
MISG						statu	6		



Band5 10MHz DFT s OFDM SCS15kHz BPSK RB50 0 CH167300



Center Fred	q 844.000000 I N ^{FE}	MHz Cent #FGein:Low #Atte	strist svil ir Freq: 844.000000 MHz Free Run Avg Hold: n: 30 dB	04:54:07 PM a Radio Std: N 10/10 Radio Device	Frequency
t0 dB/div	Ref Offset 14.48 Ref 30.00 dBn	18 N			
20.0	-		enence - 1750.00		Center Free 844.000000 MHz
10.0					
41.0	atrail .			Vingel	
Center 844 Res BW 10	MHz 00 kHz		VBW 300 kHz	Span Sweep 1.	15 MHz CF Step 467 ms 1.500000 MH
Occupie	ed Bandwidt 8.	h 8830 MHz	Total Power	31.1 dBm	Auto Mar
Transmit x dB Ban	t Freq Error Idwidth	-203.00 kHz 9.527 MHz	% of OBW Powe x dB	er 99.00 % -26.00 dB	0 Hz
50				status	

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Band5 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH165800

Keysight Spect	trum Analyser - Occupied Bi	V	and a strength of		Accession Access		-00-
Center Fre	eq 829.000000 NFE	MHz C #FGein:Low	enter Freq: 829.00 rig: Free Run Atten: 30 dB	0000 MHz Avg[Hold: 10	Radio Std: Radio Devi	None ce: BTS	Frequency
10 dB/div	Ref Offset 14.48 Ref 30.00 dBr	dB n					
20.0 10.0		terestation and					Center Freq 829.000000 MHz
-10.0 -20.0 -30.0	1				how		
40.0 50.0 60.0						-	
Center 82 #Res BW	9 MHz 100 kHz		#VBW 300	kHz	Span Sweep	n 15 MHz 1.467 ms	CF Step 1.500000 MHz
Occup	ied Bandwidt 8.	h 8780 MHz	Total F	ower	30.8 dBm		Auto Man Freq Offset
Transm x dB Ba	it Freq Error andwidth	-185.71 kHz 9.482 MHz	x % of O x dB	BW Power	99.00 % -26.00 dB	3	0 Hz
MSG					STATUS		







📕 Keysight Spe	thum Analyser - Occupied B	V	Control States State	100	1000	414.52774325555	-0-0-0-
Center Fr	eq 844.000000 NFE	MHz #FGein:Low	Center Freq: 844,00 Trig: Free Run #Atten: 30 dB	0000 MHz Avg[Hold:>10	Radio Str Radio De	PH Apr 16, 2022 d: None vice: BTS	Frequency
10 dB/div	Ref Offset 14.48 Ref 30.00 dBr	dB n					
200 10.0	-				-		Center Freq 844.000000 MHz
10.0					X		
-41.0					- Without	~~~	
Center 84 #Res BW	4 MHz 100 kHz		#VBW 300	kHz	Spa	an 15 MHz 1,467 ms	CF Step
Occup	ied Bandwidt	h 9381 MH:	Total I	Power	30.7 dBm		Auto Man
Transn x dB Bi	nit Freq Error andwidth	-178.41 kH 9.494 MH	lz % of O lz x dB	BW Power	99.00 % -26.00 dB		0 Hz
MSG					status		



Band5_10MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB50_0_CH167300



Keysight S	pectrum Analyzer - Occupied Bi	N			100000		-0-10-10-
Center F	Freq 844.000000 NFE	MHz #FGain:Low	Center Freq: 844.00 Trig: Free Run #Atten: 30 dB	0000 MHz AvgiHold: 10/1	Radio Sto Radio De	None vice: BTS	Frequency
10 dB/div	Ref Offset 14.48 Ref 30.00 dBr	dB n					
200					-		Center Free 844.000000 MH
10.0	1				X		
40.0	whit				140	man	
Center a	844 MHz		#VBW 300	kH2	Sween	an 15 MHz 1 467 ms	CF Step
Occu	pied Bandwidt	th	Total F	Power	29.7 dBm	1. TOT IIIa	1.500000 MH Auto Ma
	8.	8950 MH	z				Freq Offse
Trans x dB I	mit Freq Error Bandwidth	-197.72 kH 9.548 MH	z % of O z xdB	BW Power	99.00 % -26.00 dB		OH
10					status		

Band5_10MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB50_0_CH168800

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Band5 10MHz DFT s OFDM SCS15kHz 64QAM RB50 0 CH165800

E Keysight Spec	ctrum Analyser - Occupied BV	V					-02-02-02-02-0
Center Fr	eq 829.000000 I NFE	MHz Ce #FGeinLow #A	stree 240 g: Free Run tten: 30 dB	0000 MHz Avg[Hold: 1	04.5 Radio 010 Radio	o Std: None Device: BTS	Frequency
10 dB/div	Ref Offset 14.48 Ref 30.00 dBn	dB N					
20.0 10.0	-						Center Freq 829.000000 MHz
10.0 -20.0 -30.0					1		
-40.0							
Center 82 #Res BW	9 MHz 100 kHz		#VBW 300	kHz	Swe	Span 15 MHz ep 1.467 ms	CF Step 1.500000 MHz
Occup	oied Bandwidt 8.	^h 8834 MHz	Total	Power	29.4 dBr	n	Auto Man Freg Offset
Transm x dB Ba	nit Freq Error andwidth	-183.92 kHz 9.460 MHz	% of C x dB	BW Power	99.00 9 -26.00 di	% B	0 Hz
MSG					status		



Band5_10MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB50_0_CH168800

📕 Keysight Spec	trum Analyser - Occupied Bi	V	Contra State State	100	10000		-0-0-
Center Fr	eq 844.000000 NFE	MHz #FGain:Low	Strig: Free Run Katten: 30 dB	Radio Sto Radio De	None vice: BTS	Frequency	
10 dB/div	Ref Offset 14.48 Ref 30.00 dBr	dB n					
20 0 10 0			,		-		Center Freq 844.000000 MHz
10.0					1		
41.0	weight				have	man w	
Center 84 #Res BW	4 MHz 100 kHz		#VBW 3001	(Hz	Spa	an 15 MHz 1.467 ms	CF Step
Occup	ied Bandwidt 8.	th 9147 MHz	Total F	ower	29.1 dBm		Auto Man
Transm x dB Ba	it Freq Error andwidth	-175.19 kH 9.581 MH	z % of O z xdB	BW Power	99.00 % -26.00 dB		0 Hz
MSG					status		



Band5_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH167300



Center Freq 8	nter Freq 844.000000 MHz			Center Freq: 844.000000 MHz Trig: Freq: 844.00000 MHz Trig: Free Run Avg[Hold: 10/10 #Atten: 30 dB			Frequency
10 dB/div R	ef Offset 14.48 ef 30.00 dBn	48 N					
20 0 10 0 0 00	p						Center Free 844.000000 MH
10 0 20 0 30 0	1				Low		
60.0			-				
Center 844 MH #Res BW 100	lz kHz		#VBW 30	0 kHz	Spa Sweep	an 15 MHz 1.467 ms	CF Step 1.500000 MH
Occupied	Bandwidt 8	h 8953 MH	Tota 7	Power	27.0 dBm		Auto Mar
Transmit Fi x dB Bandv	o. req Error vidth	-185.68 kH 9.542 MH	iz % of iz xdB	OBW Power	99.00 % -26.00 dB		Freq Offse 0 H:
60					STATUS		

Band5_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH168800

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Band5 15MHz DFT s OFDM SCS15kHz BPSK RB75 0 CH166300

Keysight Spe	ctrum Analyser - Occupied 8	W		-		And the second		-0-6-
Center Fr	eq 831.500000 NFE	MHz C #FGain:Low	enter Freq: 831.5 rig: Free Run Atten: 30 dB	00000 MHz Avg[Hold: 1	0'10	Radio Der	H Apr 16, 2022 I: None vice: BTS	Frequency
t0 dB/div	Ref Offset 14.48 Ref 30.00 dB	dB M						
200 100					m			Center Freq 831.500000 MHz
10.0	1							
41.0 000	Ameril					tran	manna	
coo Center 83	31.5 MHz					Span	22.5 MHz	CESten
#Res BW	150 kHz		#VBW 470	kHz	24.0	Sw	eep 1 ms	2.250000 MHz Auto Man
Occut	1:	3.369 MHz	l	ower	51.0	ubm		FreqOffset
Transn x dB B	nit Freq Error andwidth	-362.89 kHz 14.18 MHz	t %ofC t xdB	BW Power	99. -26.0	.00 % 00 dB		0 Hz
MSG					status			







E Keysight	Spectrum Analyser - Occupied B	N		-			400.000		-0-0-0-
Center	Freq 841.500000	MHz #FGainLow	Center Fre Trig: Free #Atten: 30	q: 841.500 Run dB	Avg[Hold:	>10/10	Radio St Radio De	PH Apr 16, 2022 d: None rvice: BTS	Frequency
10 dB/div	Ref Offset 14.49 Ref 30.00 dBr	dB n							
20.0			~~~~			here			Center Freq 841.500000 MHz
10.0							4		
41.0	wer						lin	monto	
Center #Res B	841.5 MHz W 150 kHz		#VBI	N 4701	KHZ		Spar Sw	n 22.5 MHz reep 1 ms	CF Step 2.250000 MHz
Occ	upied Bandwid 1	th 3.390 MH	łz .	Total F	ower	30	.7 dBm		Auto Man
Tran x dB	smit Freq Error Bandwidth	-377.50 k 14.07 M	Hz 4 Hz 2	% of O x dB	BW Powe	-21	99.00 % 5.00 dB		0 Hz
MSG						Stat	15		L



Band5_15MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB75_0_CH167300



Center Fre	aq 841.500000 NFE	MHz Cer #FGein:Low #A	SENSE 2011 Iter Freq: 841,500 g: Free Run ten: 30 dB	0000 MHz Avg[Hold: 10/1	05 58 32 Radio St 0 Radio De	PH Apr 16, 2022 d: None wice: BTS	Frequency
10 dB/div	Ref Offset 14.4 Ref 30.00 dE	e dB Sm					
20.0 10.0 0.00	-				-		Center Free 841.500000 MH
10 0 20 0 30 0	mal				how	whene	
50.0 60.0							
Res BW	1.5 MHz 150 kHz		#VBW 470	Hz	Spar Sw	eep 1 ms	CF Step 2.250000 MH
Occup	ied Bandwid	^{ith} 3.401 MHz	Total P	ower	30.2 dBm		Auto Mar Freq Offse
Transm x dB Ba	it Freq Error ndwidth	-377.84 kHz 14.34 MHz	% of O x dB	BW Power	99.00 % -26.00 dB		0 H3
50					STATUS		

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Band5 15MHz DFT s OFDM SCS15kHz 16QAM RB75 0 CH166300

Keysight Spec	trum Analyser - Occupied Bi	V	Contra Science Con	-	1111		-0-0-
Center Fr	eq 831.500000 NFE	MHz Ce #FGein:Low #A	nter Freq: 831.50 g: Free Run tten: 30 dB	Avg[Hold:>1	05 Rad 0/10 Rad	54:18 PH Apr 16, 2022 lo Std: None lo Device: BTS	Frequency
10 dB/div	Ref Offset 14.48 Ref 30.00 dBr	dB n					
20.0	-			- ye an	~~		Center Freq 831.500000 MHz
10.0					1		
40.0	- All					moun	
Center 83 #Res BW	1.5 MHz 150 kHz		#VBW 470	kHz	S	pan 22.5 MHz Sweep 1 ms	CF Step 2 250000 MHz
Occup	ied Bandwidt	th 3.378 MHz	Total	Power	29.2 dB	m	Auto Mar
Transm x dB Ba	hit Freq Error andwidth	-372.64 kHz 14.11 MHz	% of C x dB	BW Power	99.00 -26.00 d	% B	0 Hz
MSG					status		





E Keysight Spect	trum Analyzer - Occupied B	N	President Contractory		2-310040200		-0-6
Center Freq 841.500000 MHz		Strict 2011 Center Freq: 841.50 Trig: Free Run #Atten: 30 dB	Radio Std Radio De	H Apr 16, 2022 I: None vice: BTS	Frequency		
10 dB/div	Ref Offset 14.48 Ref 30.00 dBr	dB n					
20.0 10.0					-		Center Free 841.500000 MH
-10.0 -20.0 -30.0	work				how	mar	
40.0 60.0							
Center 84 #Res BW	1.5 MHz 150 kHz		#VBW 470	kHz	Span Sw	22.5 MHz eep 1 ms	CF Step 2.250000 MH
Occupied Bandwidth 13.393 MH			Total I	Total Power 29.3 dBm			Auto Mar Freg Offse
Transm x dB Ba	it Freq Error andwidth	-380.87 kH 14.28 MH	z % of C z xdB	BW Power	99.00 % -26.00 dB		0H
MSG					status		L

Band5 15MHz DFT s OFDM SCS15kHz 64QAM RB75 0 CH166300 65:54:38 PH Apr 18 Radio Std: None ter Freq 831.500000 MHz 831.500 000 MHz Radio Device: BTS Ref Offset 14.48 dB Ref 30.00 dBm Center Fre 831.500000 MH CF Ste 2.250000 enter 831.5 MHz Span 22.5 Mi #VBW 470 kHz Occupied Bandwidth Total Power 28.9 dBm 13.374 MHz Freq Offs Transmit Freg Error -358.91 kHz % of OBW Power 99.00 % 14.29 MHz -26.00 dB x dB Bandwidth x dB

Band5_15MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB75_0_CH167300



AL 18 Sta oc Center Freq 841.500000 NFE	MHz #FGein:Low #Atter	stree att r Free 841.500000 MHz Free Run Avg(Hold:>10 n: 30 dB	Radio Std: None Radio Device: BT	Frequency
Ref Offset 14.49 Ref 30.00 dB				
000 100 100	**.** <u></u>		-	Center Free 841.500000 MH
no month			hanne	
00				
enter 841.5 MHz Res BW 150 kHz		VBW 470 kHz	Span 22.5 N Sweep 1	IHZ CF Ste ms 2.250000 MH
Occupied Bandwid	Auto Ma			
Transmit Freq Error x dB Bandwidth	-381.14 kHz 14.16 MHz	% of OBW Power x dB	99.00 % -26.00 dB	он
			lane al	

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Band5 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH166300

Keysight Spe	ectrum Analyser - Occupied	BW .			10.000		-0-0-0-
Center Fr	req 831.500000 NFE	MHz #FGein:Low	Sense 241 Center Freq: 831.50 Trig: Free Run tAtten: 30 dB	Radio Std Radio De	H Apr 16, 2022 I: None vice: BTS	Frequency	
10 dB/div							
20.0	-						Center Free 831.500000 MHz
-10.0							
-30.0 -40.0	and and				here	im	
60.0							
Center 8: #Res BW	31.5 MHz 150 kHz		#VBW 470	kHz	Span Sw	22.5 MHz eep 1 ms	CF Step 2.250000 MHz
Occupied Bandwidth			Total F	7.0 dBm		Auto Mar	
	1	3.363 MHz	z				Freq Offset
Transm	nit Freq Error	-363.58 kH	z % of O	BW Power	99.00 %		0 Hz
x dB B	andwidth	14.09 MH	z xdB		26.00 dB		
MSG				57	tatus		

Band5_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH167300



Band5_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH168300

📕 Keysight Spectr	um Analyzer - Occupied Bi	V			the second second		-0-0-0-
Center Freq 841.500000 MHz			Sense 241,50 Center Freq: 841,50 Trig: Free Run tAtten: 30 dB	Radio Str Radio De	PH Apr 16, 2022 d: None vice: BTS	Frequency	
t0 dB/div							
20.0	-		marta	Annenante	~		Center Free 841.500000 MHz
-10.0							
41.0	apat				Low	unn	
conter 941	6 MHz				Soan	22.6 MHz	
#Res BW 1	150 kHz		#VBW 470	kHz	Sw	eep 1 ms	CF Ste 2.250000 Mi
Occupi	ed Bandwidt	h 3.393 MHz	Total F	Total Power 26.8 dBm			Auto Man Freg Offset
Transmi x dB Bar	it Freq Error ndwidth	-377.09 kH 14.24 MH	z % of O z xdB	BW Power	99.00 % -26.00 dB		0 Hz
MISG					status		



Band5_20MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB100_0_CH167300



Letter Freq 839.000000 MHz Conter Freq 839.00000 MHz Radio 541 Mol 2022 Ballo 541 Mol 2022 Ballo 541 Mol 2022 Frig Free Run Avg/Hold: 1010 Radio 541 Mol 2022 Radio 541 Mol 2022 Rad								Frequency	
10 dB/div	Ref Offset 14.48 dB 0 dB/div Ref 30.00 dBm								
20 0 10 0 0 00	1	ويدوه ومعاري							Center Fre 839.000000 MH
20.0	own						horse	-	
Center 839	MHz		#V	BW 6201	KH2		Spa	in 30 MHz	CF Ste
Occupied Bandwidth Total Power 30.1 dBm						3.000000 Mi- Auto Ma			
Transm x dB Ba	t Freq Erro ndwidth	r -558.48 18.75 M	HZ kHz MHz	% of O x dB	BW Power	99 -26.	0.00 % 00 dB		Freq Offse 0 H
450						statu	5		

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Band5 20MHz DFT s OFDM SCS15kHz QPSK RB100 0 CH166800

Keysight Spect	trum Analyser - Occupied BV	V					-0- 6-
Center Fre	aq 834.000000 I NFE	MHz Cen #FGein:Low #At	service svil ter Freq: 834,000000 M g: Free Run Av ten: 30 dB	Radio Device: BTS		Frequency	
10 dB/div	Ref Offset 14.48 Ref 30.00 dBr	dB n					
20.0 10.0	-		- Person de La Constancia	monaha			Center Freq 834.000000 MHz
10.0					Lan		
410						atterne	
Center 834	4 MHz 200 kHz		#VBW 620 kHz		Spa	n 30 MHz	CF Step
Occup	ied Bandwidt	th	Total Powe	er 29	.8 dBm		3.000000 MHz Auto Man
17.860 MH Transmit Freq Error -535.09 k		-535.09 kHz	% of OBW	Power 9	9.00 %		Freq Offset 0 Hz
x dB Ba	ndwidth	18.61 MHz	x dB	-20	5.00 dB		
MSG				stat	us		



my my my my			and an and the second	
Span 30 Sweep	VBW 620 kHz		60.0 Center 836.5 MHz #Res BW 200 kHz	
29.7 dBm	Total Power	h 849 MHz	Occupied Bandwidth	
99.00 % -26.00 dB	% of OBW Power x dB	-564.52 kHz 18.80 MHz	Transmit Freq Error x dB Bandwidth	
an 30 reep	Sp. Sw 29.7 dBm 99.00 % -26.00 dB	VBW 620 kHz Sp Sw Total Power 29.7 dBm % of OBW Power 99.00 % x dB -26.00 dB	#VBW 620 kHz Sp #VBW 620 kHz SW h Total Power 29.7 dBm .849 MHz -564.52 kHz % of OBW Power 99.00 % 18.80 MHz x dB -26.00 dB	

Band5_20MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB100_0_CH167800

Keysight Spect	trum Analyzer - Occupied Bi	V	and a state of the	100	1000000		-0- 6-
Center Fre	eq 839.000000 NFE	MHz #FGeinLow	Sense 2v1 Center Freq: 839.00 Trig: Free Run tAtten: 30 dB	0000 MHz Avg[Hold: 101	Radio Sto Radio De	H Apr 16, 2022 I: None vice: BTS	Frequency
10 dB/div	Ref Offset 14.48 Ref 30.00 dBr	dB N					
20.0 10.0		A	an a				Center Freq 839.000000 MHz
10.0							
41.0					1040	Merry	
Center 83	9 MHz				Spa	in 30 MHz	05.01.0
#Res BW	200 kHz		#VBW 620	kHz	Sw	eep 1 ms	CF Step 3.000000 MHz
Occup	ied Bandwidt 17	h 7.883 MHz	Total F	29.6 dBm		Auto Man Freq Offset	
Transm x dB Ba	it Freq Error Indwidth	-556.54 kH 18.68 MH	z % of O z xdB	BW Power	99.00 % -26.00 dB		0 Hz
MSG					status		



Band5_20MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB100_0_CH167300



Ba	and5_20MHz	DFT_s_OFD	M_SCS1	5kHz_16C	AM_RB100)_0_CH1	67800
Keysight Spectre	um Analyzer - Occupied Bi	V ^C	and the second second	100			0.0
Center Fre	q 839.000000 NFE	MHz Cent #FGein:Low #Atto	Center Freq: \$39.000000 MHz Trig: Free Run Avg[Hold:>10/10 #Atten: 30 dB			PH Apr 16, 2022 d: None evice: BTS	Frequency
10 dB/div	Ref Offset 14.48 Ref 30.00 dBr	dB n					
200			مىرىدار ك رىمى ت		~~~		Center Freq 839.000000 MHz
10.0			-		4		
41.0	A WAYNA				No. March	Marine.	
60.0							
Center 839 #Res BW 2	MHz 00 kHz		#VBW 620	kHz	Sp	an 30 MHz reep 1 ms	CF Step 3.000000 MHz
Occupi	ed Bandwidt	h	Total F	Power	28.9 dBm		Auto Man
	17	7.851 MHz	10000		100-00100		FreqOffset
Transmi	t Freq Error	-556.79 kHz	% of O	BW Power	99.00 %		0112
x dB Bar	ndwidth	18.73 MHz	x dB		-26.00 dB		

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Band5 20MHz DFT s OFDM SCS15kHz 64QAM RB100 0 CH166800

🔤 Keysight Spe	ctrum Analyzer - Occupied BV	V			Construction of the		-02-03-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0
Center Fr	req 834.000000 I NFE	MHz GinLow	senter Freq: 834,00 rig: Free Run Atten: 30 dB	Radio Std Radio De	H Apr 16, 2022 I: None vice: BTS	Frequency	
10 dB/div							
200 100					-		Center Freq 834.000000 MHz
10.0 -20.0 -30.0	and and				have	1.1	
40.0	JM/~~ Y *						
Center 83 #Res BW	34 MHz 200 kHz		#VBW 620	kHz	Spa Sw	in 30 MHz eep 1 ms	CF Step 3.000000 MHz
Occupied Bandwidth 17,828 MH			Total F	28.2 dBm		Auto Man Freg Offset	
Transr x dB B	nit Freq Error andwidth	-546.68 kHz 18.67 MHz	z % of O z xdB	BW Power	99.00 % -26.00 dB		0 Hz
MSG					STATUS		

Band5 20MHz DFT s OFDM SCS15kHz 64QAM RB100 0 CH167300



Band5_20MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB100_0_CH167800

📕 Keysight Spec	trum Analyser - Occupied Bi	V		Star 192	100		140.00 × 100.0		-0
Center Fr	enter Freq 839.000000 MHz NFE #FGein:Low			Center Free 839.000000 MHz Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB			Radio Device: BTS		Frequency
10 dB/div	Ref Offset 14.48 Ref 30.00 dBr	dB							
20 0 10 0 0.00	-	manha		aci Auro		-			Center Freq 839.000000 MHz
-10.0	. www.						Ternet		
40.0								and the second	
Center 83 #Res BW	9 MHz 200 kHz		#VB	W 620 k	Hz	_	Spa	in 30 MHz eep 1 ms	CF Step 3.000000 MHz
Occup	h 7.849 MH	Iz	Total Power 20			2 dBm		Auto Man Freq Offset	
Transm x dB Ba	it Freq Error andwidth	-559.61 k 18.68 M	Hz Hz	% of OI x dB	BW Power	99 -26.	9.00 % 00 dB		0 Hz
MSG						statu	5		



Band5_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH167300



Neysigne op	ecount wranger - Occupied EW			1-C.1-1-60-1-6
nter F	req 839.000000 MHz	Center Freq: 839.000000 MHz	06-25:38 PM Apr 16, 2022 Radio Std: None	Frequency
	NFE #IFGein:Lo	w #Atten: 30 dB	Radio Device: BTS	
dB/div	Ref Offset 14.48 dB Ref 30.00 dBm			
9 0	- Print among a lot a str			Center Fre 839.000000 MH
- 00				

Band5_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH167800

Center Fre	Center Freq 839.000000 MHz NFE #FGein:Low			Center Freq: 839.000000 MHz Trig: Free Run Avg Hold:>10/10 #Atten: 30 dB			Frequency
t0 dB/div	Ref Offset 14.48 Ref 30.00 dBr	dB m					
200	Jours		Susseyum	main			Center Freq 839.000000 MHz
10.0	1						
-41.0					Linno	and a second	
Center 839 #Res BW 2	MHz 200 kHz		#VBW 620	kHz	Spa Swe	n 30 MHz ep 1 ms	CF Step 3.000000 MH
Occupi	Occupied Bandwidth 17,824 MH			Total Power 26			Freq Offset
Transmi x dB Bar	t Freq Error ndwidth	-541.78 kH 18.66 MH	z % of C z xdB	BW Power	99.00 % 26.00 dB		0 Ha
x dB Bar	ndwidth	18.66 MH	z xdB		26.00 dB		

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Band66_5MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB25_0_CH342500







Band66_5MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB25_0_CH355500

E Keysight	Spectrum Analyzer - Occupied BW				1.	5111-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	-0- 6-	
Center	Freq 1.777500000	GHz #FGein:Low	Center Freq: 1.777500000 GHz Trig: Free Run AvgiHold:>10/10 #Atten: 30 dB		106-45-14 Radio Str 10 Radio De	PH Apr 16, 2022 d: None vice: BTS	Frequency	
10 dB/div	Ref Offset 14.02 d Ref 30.00 dBm	в						
20.0			وتعييات المسيدانات		-		Center Freq 1.777600000 GHz	
10.0	and				1			
410	~~~					Those		
Center	1.778 GHz				Spa	n 7.5 MHz	05.01-0	
#Res Bi	W 51 kHz		#VBW 150	kHz	Swee	ep 3.8 ms	CF Step 750.000 kHz	
Occ	upied Bandwidt	h	Total Power 2				Auto Man	
1000000	4.4	4681 MHz	2				Freq Offset	
Tran	smit Freq Error	1.383 kH	z % of O	BW Power	99.00 %		0 Hz	
x dB	Bandwidth	5.053 MH	z xdB		-26.00 dB			
MSG					status			



Band66_5MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB25_0_CH349000



NFE	GHz Cente RFGein:Low #Atte	r Freq: 1.777500000 GHz Free Run Avg[Hold: 10 n: 30 dB	Radio Std Radio Dev	None None	Frequency
Ref Offset 14.02 d Ref 30.00 dBm	В				
	-		Harris		Center Free 1.777500000 GHz
			h		
AND I HAVE AND			24	mo	
78 GHz 51 kHz		VBW 150 kHz	Spar Swee	n 7.5 MHz p 3.8 ms	CF Step 750.000 kHz
ied Bandwidth		Total Power	28.3 dBm		Auto Man
4.4 it Freq Error	1.106 kHz	% of OBW Power	99.00 %		Freq Offset 0 Hz
ndwidth	4.843 MHz	x dB	-26.00 dB		
	4.843 MHZ	XOB	-26.00 dB		
	Ref 30.00 dBm Ref 30.00 dBm 78 GHz 78 GHz 51 kHz ied Bandwidth 4,4 it Freq Error ndwidth	Ref 30.00 dbm Ref 30.00 dbm 78 GHz 18 GHz 18 GHadwidth 4.4865 MHz 10 ft Hz 10 ft Hz 10 ft Hz 10 ft Hz 10 ft Hz 10 ft Hz	Ref 30.00 dBm Ref 30.00 dBm 77 GHz 18 Hz 19 Hz 19 Hz 10 Hz	Ref 30.00 dBm Ref 30.00 dBm 77 GHz 51 KHz FVBW 150 KHZ	Ref 30.00 dBm Ref 30.00 dBm 78 GHz 79 GHz 19 GHz 19 GHz 19 GHz 10 GHZ

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Band66_5MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB25_0_CH349000



Band66_5MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB25_0_CH355500

-0-0-0-		- HAVE AND AN					Occupied BW	ectrum Analyser - Oc	Keysight	
Frequency	H Apr 16, 2022 I: None vice: BTS	Radio Device: BTS		Center Freq: 1.77500000 GHz Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB		Z Cente Trig: #Atte	Center Freq 1.777500000 GHz NFE #FGainLow			
							et 14.02 dB .00 dBm	Ref Offsel Ref 30.0	10 dB/div	
Center Freq 1.777500000 GHz		1				hanne	pune		200	
		horn					4	mand	10.0	
	marrow							~~~	40.0	
CF Step 750.000 kHz	n 7.5 MHz p 3.8 ms	Spar Swee		(Hz	VBW 150			1.778 GHz / 51 kHz	Center #Res Bi	
Auto Man Freg Offset	1	7.5 dBm		Total Power 27			Occupied Bandwidth 4,4593 MH			
0 Hz		99.00 % 6.00 dB	er 9 -26	BW Powe	% of O x dB	-2.681 kHz 4.798 MHz	rror	mit Freq Er Bandwidth	Tran: x dB	
L		rus	stat						MSG	



Band66_5MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB25_0_CH349000





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Band66_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH355500

E Keysight Spect	bum Analyser - Occupied BV	100 million (100 million)	and the second second second		1. Secondade	a de la compañía de l	-0-0-
Center Fre	enter Freq 1.777500000 GHz			Center Freq: 1.77500000 GHz Trig: Freq: 1.77500000 GHz Trig: Freq Run Avg Hold: 10/10 #Atten: 30 dB		PH Apr 16, 2022 d: None vice: BTS	Frequency
10 dB/div	Ref Offset 14.02 Ref 30.00 dBn	dB N					
20.0 10.0	-	man	man		~~~		Center Freq 1.777500000 GHz
-10.0					A		
41.0					N	march	
60.0	20.011-						
#Res BW	51 kHz		#VBW 150	kHz	Swee	ep 3.8 ms	CF Step 750.000 kHz
Occup	ied Bandwidt 4.	h 4863 MH:	Total F	ower	24.9 dBm		Auto Man Freq Offset
Transm x dB Ba	it Freq Error Indwidth	-10.389 kH 5.080 MH	z % of O z xdB	BW Power	99.00 % -26.00 dB		0 Hz
MSG					STATUS		



Band66_10MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB50_0_CH349000





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Band66 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH343000



Band66_10MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB50_0_CH349000



Band66_10MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB50_0_CH355000

-0-0		1772234777			100000		w	um Analyser - Occupied Bi	📕 Keysight Spec		
Frequency Center Freq 1.77500000 GHz	Radio Device: BTS		Center Freq: 1.775000000 GHz Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB			Cente Trig: I #Atter	er Freq 1.775000000 GHz				
	0 dB/div Ref 30.00 dBm										
						Var	•••••	-	20.0		
		h.			-			1	-10.0		
	m	7704							41.0		
CF Step 1.500000 MHz <u>Auto</u> Man Freq Offset 0 Hz	n 15 MHz 1.467 ms	Spa Sweep		#VBW 300 kHz				Center 1.775 GHz #Res BW 100 kHz			
		.8 dBm	Total Power 29 Hz			MHz	th .9067 M	Occupied Bandwidth 8.9			
		99.00 % 6.00 dB	-26	z % of OBW Power z x dB		35 kHz 4 MHz	-194.35 9.614	Transmit Freq Error x dB Bandwidth			
		rus	Stat						MSG		



Band66_10MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB50_0_CH349000



Frequency Center Freq 1.775000000 GH:	None	Radio Std Radio Dev	Center Freq: 1.775000000 GHz Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB				RL RF SIG oc Center Freq 1.775000000 GHz				
	Bldiv Ref 30.00 dBm										
										20 00 00	
		N. A.			-				1	10	
	Monthear	and							V-M	10 00000	
CF Step	n 15 MHz 1.467 ms	Spa Sweep		Hz	BW 3001	enter 1.775 GHz Res BW 100 KHz #VB					
Auto Ma	8 dBm		Total Power 28.				Occupied Bandwidth 8.9097 MH				
0H		99.00 % 6.00 dB	% of OBW Power 9 x dB -26		kHz 1Hz	-197.24 kHz 9.671 MHz		Transmit Freq Error x dB Bandwidth			

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