SPOT CHECK EVALUATION

FCC ID	:	**A4RGZPF0**
Equipment	:	**Phone**
Applicant	:	**Google LLC** **1600 Amphitheatre Parkway,** **Mountain View, California, 94043 USA**
Standard	:	**47 CFR Part 2, 22(H), 24(E), 27, 90(R), 90(S), 96** **FCC Part 15 Subpart C §15.209** **FCC Part 15 Subpart C §15.225** **FCC Part 15 Subpart C §15.247** **FCC Part 15 Subpart E §15.407**

We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

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History of this test report

Version	Description	Issued Date
01	Initial issue of report	Jun. 23, 2023
02	Revised n77 power PC3 and worst EIRP table This report is an updated version, replacing the report issued on Jun. 23, 2023	Jul. 06, 2023
03	Revised n41 power PC3 and worst EIRP table This report is an updated version, replacing the report issued on Jul. 06, 2023	Jul. 13, 2023

1. Introduction Section

FCC ID: A4RGKWS6 (parent model), FCC ID: A4RG9BQD(parent model) and FCC ID: A4RGZPF0 (variant model) use the same identical internal printed circuit board layouts, while the variant model depopulates mmWave related components, details are available in the operational description.

Based on their similarity:

The FCC Part 15C (equipment class: DCD, DXX), and FCC Part 22, 24, 27, 90, 96 (equipment class: PCE, CBE) reuse the FCC ID: A4RGKWS6 original model's result and do spot-check.

The FCC Part 15C (equipment class: DSS, DTS) and FCC Part 15E (equipment class: NII, 6CD) reuse the FCC ID: A4RG9BQD original model's result and do spot-check.

Following the FCC KDB 484596 D01 v01, the spot check data in this report is used to justify the data reuse. The applicant should take full responsibility that the test data as referenced in this report represent compliance for this FCC ID: A4RGZPF0.

2. Model Difference Information

A4RGKWS6, A4RG9BQD and A4RGPJ41 use the identical internal printed circuit board layout, and the difference in the components population:

- A4RGZPF0: 5GNR FR2 mmWave related components are depopulated.
- A4RGZPF0: Depopulated module for n77 UL MIMO and populated transceiver for n77
- A4RGZPF0: Populated module and transceiver for FR1 n79 non-US band.

The detail of similarity and difference is illustrated in the operational description, and based on the information spot check on conducted power and emission was performed for ensure compliance

3. Spot Check Verification Data Section

Conducted power test and radiated spurious emission test configurations were selected from the worst cases identified in the parent model and tested to demonstrate the test data from original model remains representative for the variant model.

The variant FCC ID: A4RGZPF0 which NR n41/n77/n78 bands do not support HPUE so the maximum conducted power are smaller than the original model. The worst EIRP from n77 antenna 6 and from n41 antenna 2 with maximum conducted power is attached in the test report among all n41/n77/n78 configurations. Based on the RF parameter is still identical so the EBW from original model remains representative for the variant model.

Summary for power and RSE spot check for each FCC rule part is listed as below:

Test Item	Mode	A4RGKWS6 Parent Worst Result	A4RGZPF0 Variant Check Result	Difference (dB)
Conducted Power (dBm)	WWAN GPRS 850	32.31	31.90	0.41
	WWAN GPRS 1900	30.36	30.19	0.17
	WWAN WCDMA Band V	24.62	24.33	0.29
	WWAN WCDMA Band II	24.89	24.87	0.02
	WWAN WCDMA Band IV	24.93	24.48	0.45
	WWAN LTE Band 2	24.44	24.07	0.37
	WWAN LTE Band 5	24.45	24.31	0.14
	WWAN LTE Band 7	24.32	24.09	0.23
	WWAN LTE Band 48	22.98	22.55	0.43
	WWAN NR n5	24.83	24.49	0.34
	WWAN NR n7	24.86	24.70	0.16
	WWAN NR n25	25.03	25.03	0.00
	WWAN NR n77	27.91	23.76	4.15

Test Item	Mode	A4RG9BQD Parent Worst Result	A4RGZPF0 Variant Check Result	Difference (dB)
Conducted Power (dBm)	BT	20.89	20.84	0.05
	BLE	22.41	22.34	0.07
	WiFi 2.4GHz	24.96	24.70	0.26
	WiFi 5GHz	23.79	23.79	0.00
	WiFi 6GHz	23.46	22.98	0.48

Test Item	Mode	ANT	A4RGKWS6 Parent Worst Result	A4RGZPF0 Variant Check Result	Difference (dB)
Field Strength (dBuV/m)	NFC 13.56MHz	-	26.97	24.16	2.81
	WPT 148.5kHz	-	-18.03	-18.25	0.22
Radiated Spurious Emission (dBuV/m)	NFC 13.56MHz	-	36.97	36.00	0.97
	WPT 148.5kHz		33.86	32.63	1.23
Radiated Spurious Emission (dBm)	WWAN GPRS 850	0	-34.23	-36.87	2.64
	WWAN GPRS 850	1	-64.39	-65.31	0.92
	WWAN GPRS 1900	2	-52.14	-53.00	0.86
	WWAN WCDMA Band V	0	-47.21	-49.92	2.71
	WWAN WCDMA Band II	2	-56.24	-56.27	0.03
	WWAN WCDMA Band IV	2	-56.56	-59.18	2.62
	WWAN LTE Band 2/25	2	-52.76	-54.41	1.65
	WWAN LTE Band 5/26	0	-39.27	-40.37	1.10
	WWAN LTE Band 7	2	-50.62	-52.63	2.01
	WWAN LTE Band 48	6	-51.90	-53.76	1.86
	WWAN LTE Band 48	7	-51.94	-52.22	0.28
	WWAN NR n5	0	-50.56	-50.85	0.29
	WWAN NR n7	2	-48.53	-50.78	2.25
	WWAN NR n25	2	-51.67	-53.42	1.75
	WWAN NR n77	6	-49.12	-49.96	0.84

Test Item	Mode	ANT	A4RG9BQD Parent Worst Result	A4RGZPF0 Variant Check Result	Difference (dB)
Radiated Spurious Emission (dBuV/m)	BT	3+4	55.91	54.63	1.28
	BT HR	3+4	52.30	52.16	0.14
	WiFi 2.4GHz	3+4	52.19	50.81	1.38
	WiFi 5GHz	3+4	52.36	51.36	1.00
	WiFi 6GHz	3+4	66.44	66.15	0.29

Conclusion:

Radiated spurious emission test against the variant model based on the worst-case condition from the original model was performed in this filing to demonstrate the test data from original model remains representative for the variant model.

The spot check emission level is not degraded more than 3dB, and the margin to the limit is greater than 1.5dB, data referencing is justified according to the guidance in the KDB inquiry

4. Reference detail Section

Rule Part	Equipment Class	Wireless Technology	Frequency Band	Reference FCC ID (Parent)	Type Grant/ Permissive Change	Reference Title	FCC ID Filling (Variant)
15C	DXX	NFC	13.56MHz	A4RGKWS6	Original Grant	FR2D0208-01D	A4RGZPF0
	DCD	WPT	110~148.5kHz	A4RGKWS6	Original Grant	FR2D0208-01H	A4RGZPF0
	DSS	BT	2.4GHz	A4RG9BQD	Original Grant	FR2D0208-07A	A4RGZPF0
	DTS	BLE / BT HR	2.4GHz	A4RG9BQD	Original Grant	FR2D0208-07B	A4RGZPF0
	DTS	WiFi	2.4GHz	A4RG9BQD	Original Grant	FR2D0208-07C	A4RGZPF0
15E	NII	WiFi	5GHz	A4RG9BQD	Original Grant	FR2D0208-07E FR2D0208-07H FR2D0208-07I FZ2D0208-07	A4RGZPF0
	6CD	WiFi	6GHz	A4RG9BQD	Original Grant	FR2D0208-07F FR2D0208-07G	A4RGZPF0
22, 24, 27, 90, 96	PCE CBE	GSM	GSM 850/1900	A4RGKWS6	Original Grant	FG2D0208-01A	A4RGZPF0
		WCDMA	Band II, IV, V	A4RGKWS6	Original Grant	FG2D0208-01A	A4RGZPF0
		LTE	2/4/5/7/12/13 /14/17/25/26 /30/38/41 /48/66/71 ULCA 5B/7C/ 41C/66B/66C	A4RGKWS6	Original Grant	FG2D0208-01B FG2D0208-01F FG2D0208-01H	A4RGZPF0
		NR	n2/n5/n7/ n12/n25/ n30/n41/n66/ n71/n77/n78	A4RGKWS6	Original Grant	FG2D0208-01C FG2D0208-01D FG2D0208-01E	A4RGZPF0

5. List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 17, 2022	Jun. 02, 2023~ Jun. 20, 2023	Nov. 16, 2023	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO 12 (NO:113)	10MHz~6GHz	Dec. 13, 2022	Jun. 02, 2023~ Jun. 20, 2023	Dec. 12, 2023	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101905	10Hz - 40GHz(amp)	Aug. 03, 2022	Jun. 02, 2023~ Jun. 20, 2023	Aug. 02, 2023	Conducted (TH05-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1GHz~18GHz	Mar. 23, 2023	Jun. 02, 2023~ Jun. 20, 2023	Mar. 22, 2024	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00993	18GHz-40GHz	Nov. 24, 2022	Jun. 02, 2023~ Jun. 20, 2023	Nov. 23, 2023	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz~1GHz	Oct. 08, 2022	Jun. 02, 2023~ Jun. 20, 2023	Oct. 07, 2023	Radiation (03CH16-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Jun. 02, 2023~ Jun. 20, 2023	Sep. 19, 2023	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 28, 2022	Jun. 02, 2023~ Jun. 20, 2023	Jun. 27, 2023	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 26, 2022	Jun. 02, 2023~ Jun. 20, 2023	Dec. 25, 2023	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 09, 2022	Jun. 02, 2023~ Jun. 20, 2023	Dec. 08, 2023	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 04, 2022	Jun. 02, 2023~ Jun. 20, 2023	Jul. 03, 2023	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Dec. 15, 2022	Jun. 02, 2023~ Jun. 20, 2023	Dec. 14, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	805935/4	N/A	Aug. 09, 2022	Jun. 02, 2023~ Jun. 20, 2023	Aug. 08, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	802434/4	N/A	Aug. 09, 2022	Jun. 02, 2023~ Jun. 20, 2023	Aug. 08, 2023	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-5757	N/A	Aug. 09, 2022	Jun. 02, 2023~ Jun. 20, 2023	Aug. 08, 2023	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Jun. 02, 2023~ Jun. 20, 2023	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Jun. 02, 2023~ Jun. 20, 2023	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jun. 02, 2023~ Jun. 20, 2023	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jun. 02, 2023~ Jun. 20, 2023	N/A	Radiation (03CH16-HY)

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power) and ERP/EIRP

NR n41 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.35	23.13	23.09	24.98	0.3148
10	1	22		23.35	23.12	23.03		
10	12	6		23.37	23.13	23.05		
10	1	0		22.86	22.63	22.56		
10	1	23		22.82	22.62	22.50		
10	24	0		23.38	22.61	23.04		
10	1	1	QPSK	23.35	23.13	23.04		
10	1	22		23.29	23.11	22.99		
10	12	6		23.37	23.14	23.04		
10	1	0		22.32	22.13	22.02		
10	1	23		22.27	22.16	21.97		
10	24	0		22.37	22.13	22.02		
10	1	1	16-QAM	22.36	22.22	22.00	23.96	0.2489
10	1	1	64-QAM	20.77	20.65	20.62		
10	1	1	256-QAM	18.86	18.66	18.46		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.38	23.10	23.24	24.98	0.3148
15	1	36		23.34	23.16	23.11		
15	18	9		23.36	23.10	23.17		
15	1	0		22.89	22.62	22.72		
15	1	37		22.82	22.60	22.64		
15	36	0		23.38	23.10	23.17		
15	1	1	QPSK	23.37	23.12	23.19		
15	1	36		23.32	23.17	23.14		
15	18	9		23.37	23.12	23.20		
15	1	0		22.35	22.15	22.14		
15	1	37		22.29	22.13	22.07		
15	36	0		22.37	22.10	22.18		
15	1	1	16-QAM	22.37	22.22	22.21	23.97	0.2495
15	1	1	64-QAM	20.92	20.49	20.61		
15	1	1	256-QAM	18.88	18.50	18.77		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.30	23.15	23.23	24.92	0.3105
20	1	49		23.14	23.14	23.12		
20	25	12		23.24	23.11	23.21		
20	1	0		22.82	22.64	22.69		
20	1	50		22.67	22.63	22.62		
20	50	0		22.76	23.13	23.17		
20	1	1	QPSK	23.32	23.12	23.22		
20	1	49		23.16	23.12	23.13		
20	25	12		23.27	23.13	23.21		
20	1	0		22.30	22.07	22.18		
20	1	50		22.14	22.08	22.09		
20	50	0		22.25	22.11	22.20		
20	1	1	16-QAM	22.30	22.12	22.16	23.9	0.2455
20	1	1	64-QAM	20.83	20.54	20.65		
20	1	1	256-QAM	18.77	18.64	18.59		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	23.34	23.16	23.35	25	0.3162
30	1	76		23.16	23.09	23.23		
30	36	18		23.33	23.15	23.30		
30	1	0		22.85	22.66	22.86		
30	1	77		22.67	22.62	22.71		
30	75	0		22.82	23.11	23.29		
30	1	1	QPSK	23.40	23.14	23.37		
30	1	76		23.19	23.13	23.24		
30	36	18		23.33	23.15	23.31		
30	1	0		22.36	22.13	22.36		
30	1	77		22.15	22.08	22.23		
30	75	0		22.30	22.13	22.27		
30	1	1	16-QAM	22.42	22.21	22.28	24.02	0.2523
30	1	1	64-QAM	20.75	20.61	20.78		
30	1	1	256-QAM	19.02	18.79	18.90		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	23.37	23.16	23.35	24.97	0.3141
40	1	104		23.05	23.14	23.15		
40	50	25		23.23	23.15	23.26		
40	1	0		22.88	22.67	22.81		
40	1	105		22.51	22.67	22.63		
40	100	0		22.71	23.13	23.26		
40	1	1	QPSK	23.34	23.18	23.33		
40	1	104		23.03	23.13	23.12		
40	50	25		23.25	23.14	23.28		
40	1	0		22.37	22.14	22.29		
40	1	105		22.01	22.08	22.07		
40	100	0		22.19	22.14	22.24		
40	1	1	16-QAM	22.50	22.07	22.25	24.1	0.257
40	1	1	64-QAM	20.89	20.66	20.85		
40	1	1	256-QAM	18.74	18.76	18.94		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	23.42	23.22	23.41	25.05	0.3199
50	1	131		23.06	23.20	23.19		
50	64	32		23.28	23.17	23.37		
50	1	0		22.93	22.69	22.91		
50	1	132		22.58	22.66	22.66		
50	128	0		22.76	23.14	23.36		
50	1	1	QPSK	23.40	23.26	23.45		
50	1	131		23.07	23.24	23.23		
50	64	32		23.30	23.16	23.40		
50	1	0		22.37	22.24	22.46		
50	1	132		22.03	22.15	22.24		
50	128	0		22.26	22.15	22.36		
50	1	1	16-QAM	22.42	22.15	22.47	24.07	0.2553
50	1	1	64-QAM	20.97	20.78	20.96		
50	1	1	256-QAM	19.11	18.71	18.81		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	23.41	23.24	23.38	25.02	0.3177
60	1	160		22.98	23.24	23.08		
60	81	40		23.12	23.18	23.25		
60	1	0		22.93	22.70	22.87		
60	1	161		22.48	22.71	22.62		
60	162	0		22.64	23.13	23.31		
60	1	1	QPSK	23.42	23.22	23.38		
60	1	160		23.03	23.24	23.10		
60	81	40		23.13	23.17	23.28		
60	1	0		22.43	22.19	22.30		
60	1	161		22.02	22.20	22.05		
60	162	0		22.14	22.13	22.30		
60	1	1	16-QAM	22.46	22.02	22.29	24.06	0.2547
60	1	1	64-QAM	20.88	20.78	20.98		
60	1	1	256-QAM	18.91	18.82	18.94		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	23.51	23.22	23.34	25.11	0.3243
70	1	187		23.12	23.26	23.05		
70	90	45		23.21	23.12	23.18		
70	1	0		23.01	22.72	22.78		
70	1	188		22.61	22.76	22.52		
70	180	0		23.24	23.11	23.18		
70	1	1	QPSK	23.44	23.23	23.29		
70	1	187		23.10	23.23	23.06		
70	90	45		23.20	23.14	23.20		
70	1	0		22.49	22.23	22.29		
70	1	188		22.12	22.24	22.05		
70	180	0		22.16	22.17	22.20		
70	1	1	16-QAM	22.51	22.15	22.22	24.11	0.2576
70	1	1	64-QAM	21.07	20.88	20.82		
70	1	1	256-QAM	18.99	18.71	18.77		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	23.54	23.32	23.34	25.15	0.3273
80	1	215		23.05	23.34	23.13		
80	108	54		23.07	23.18	23.27		
80	1	0		23.01	22.78	22.84		
80	1	216		22.57	22.80	22.66		
80	216	0		22.61	23.11	23.30		
80	1	1	QPSK	23.55	23.27	23.23		
80	1	215		23.10	23.28	23.00		
80	108	54		23.12	23.16	23.15		
80	1	0		22.48	22.26	22.33		
80	1	216		22.08	22.28	21.99		
80	216	0		22.11	22.16	22.16		
80	1	1	16-QAM	22.46	22.32	22.19	24.06	0.2547
80	1	1	64-QAM	21.02	20.91	20.73		
80	1	1	256-QAM	18.97	18.87	18.77		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	23.49	23.22	23.26	25.13	0.3258
90	1	243		23.06	23.02	23.09		
90	120	60		23.08	23.01	23.27		
90	1	0		22.99	22.70	22.75		
90	1	244		22.59	22.74	22.57		
90	243	0		23.07	23.07	23.25		
90	1	1	QPSK	23.53	23.21	23.28		
90	1	243		23.07	23.23	23.15		
90	120	60		23.05	23.05	23.27		
90	1	0		22.51	22.23	22.27		
90	1	244		22.13	22.25	22.09		
90	243	0		22.03	22.05	22.20		
90	1	1	16-QAM	22.42	22.13	22.10	24.02	0.2523
90	1	1	64-QAM	21.04	20.69	20.80		
90	1	1	256-QAM	19.02	18.74	18.77		
Limit	EIRP < 2W			Result			Pass	

NR n41 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	23.59	23.31	23.27	25.19	0.3304
100	1	271		23.08	23.31	23.06		
100	135	67		22.95	23.04	23.16		
100	1	0		23.07	22.79	22.83		
100	1	272		22.53	22.79	22.58		
100	270	0		22.49	23.05	23.22		
100	1	1	QPSK	23.55	23.31	23.31		
100	1	271		23.00	23.24	23.06		
100	135	67		22.94	23.00	23.16		
100	1	0		22.53	22.31	22.31		
100	1	272		22.06	22.25	22.06		
100	270	0		21.97	22.04	22.24		
100	1	1	16-QAM	22.59	22.41	22.29	24.19	0.2624
100	1	1	64-QAM	21.05	20.83	20.77		
100	1	1	256-QAM	19.03	18.87	18.78		
Limit	EIRP < 2W			Result			Pass	

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Conducted Output Power(Average power) and ERP/EIRP

Part 27O NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.38	23.71	23.26	22.41	0.1742
10	1	22		23.20	23.41	23.16		
10	12	6		23.27	23.43	23.31		
10	1	0		22.94	23.05	22.87		
10	1	23		22.89	22.84	22.81		
10	24	0		22.85	22.74	22.63		
10	1	1	QPSK	23.42	23.40	23.36		
10	1	22		23.44	23.42	23.36		
10	12	6		23.37	23.44	23.31		
10	1	0		22.41	22.59	22.35		
10	1	23		22.33	22.11	22.35		
10	24	0		22.20	22.40	22.41		
10	1	1	16-QAM	22.47	22.58	22.18	21.28	0.1343
10	1	1	64-QAM	20.67	21.02	20.54		
10	1	1	256-QAM	18.84	18.94	18.66		
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.65	23.26	23.35	22.35	0.1718
15	1	36		23.55	23.46	23.48		
15	18	9		23.51	23.44	23.36		
15	1	0		23.16	22.72	22.76		
15	1	37		22.99	22.88	22.84		
15	36	0		22.95	22.91	22.90		
15	1	1	QPSK	23.65	23.42	23.34		
15	1	36		23.57	23.41	23.25		
15	18	9		23.07	23.42	23.37		
15	1	0		22.66	22.51	22.33		
15	1	37		22.57	22.32	22.35		
15	36	0		22.49	22.47	22.31		
15	1	1	16-QAM	22.52	22.44	22.30	21.22	0.1324
15	1	1	64-QAM	21.13	20.88	21.14		
15	1	1	256-QAM	18.99	18.85	18.86		
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.46	23.32	23.48	22.34	0.1714
20	1	49		23.34	23.38	23.30		
20	25	12		23.31	23.27	23.21		
20	1	0		23.12	22.88	22.84		
20	1	50		23.14	23.00	22.65		
20	50	0		23.00	22.90	22.69		
20	1	1	QPSK	23.50	23.29	23.56		
20	1	49		23.64	23.51	23.19		
20	25	12		23.50	23.37	23.26		
20	1	0		22.44	22.30	22.52		
20	1	50		22.52	22.44	22.29		
20	50	0		22.42	22.42	22.18		
20	1	1	16-QAM	22.72	22.24	22.55	21.42	0.1387
20	1	1	64-QAM	21.05	20.85	20.79		
20	1	1	256-QAM	19.04	18.58	18.89		
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	23.64	23.26	23.43	22.40	0.1738
25	1	63		23.51	23.11	23.22		
25	32	16		23.70	23.36	23.28		
25	1	0		23.17	22.77	22.98		
25	1	64		22.82	22.83	22.61		
25	64	0		23.35	22.82	22.71		
25	1	1	QPSK	23.68	23.15	23.37		
25	1	63		23.62	23.09	23.36		
25	32	16		23.55	23.27	23.41		
25	1	0		22.66	22.31	22.44		
25	1	64		22.35	22.15	22.03		
25	64	0		22.54	22.36	22.25		
25	1	1	16-QAM	22.56	22.47	22.49	21.26	0.1337
25	1	1	64-QAM	20.91	20.80	21.01		
25	1	1	256-QAM	18.88	18.78	18.80		
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	23.61	23.50	23.62	22.37	0.1726
30	1	76		23.32	23.28	23.48		
30	36	18		23.67	23.18	23.47		
30	1	0		23.00	22.79	23.01		
30	1	77		22.87	22.51	22.78		
30	75	0		23.08	22.82	22.97		
30	1	1	QPSK	23.58	23.30	23.40		
30	1	76		23.37	23.12	23.43		
30	36	18		23.58	23.46	23.39		
30	1	0		22.62	22.27	22.48		
30	1	77		22.26	22.23	22.30		
30	75	0		22.69	22.25	22.46		
30	1	1	16-QAM	22.65	23.18	22.56	21.88	0.1542
30	1	1	64-QAM	21.21	20.95	21.08		
30	1	1	256-QAM	18.88	18.76	18.99		
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	23.50	23.43	23.39	22.33	0.1710
40	1	104		23.54	22.96	23.10		
40	50	25		23.50	23.47	23.40		
40	1	0		23.08	22.82	22.99		
40	1	105		22.85	22.51	22.72		
40	100	0		23.15	22.61	22.96		
40	1	1	QPSK	23.63	23.29	23.48		
40	1	104		23.35	23.09	23.07		
40	50	25		23.58	23.44	23.34		
40	1	0		22.63	22.63	22.60		
40	1	105		22.28	22.07	22.21		
40	100	0		22.74	22.51	22.43		
40	1	1	16-QAM	22.65	22.46	22.61	21.35	0.1365
40	1	1	64-QAM	21.29	20.89	21.02		
40	1	1	256-QAM	19.08	18.95	19.13		
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	23.48	23.43	23.49	22.31	0.1702
50	1	131		23.25	23.22	23.23		
50	64	32		23.33	23.29	23.61		
50	1	0		23.10	23.03	23.05		
50	1	132		22.89	22.88	22.85		
50	128	0		22.94	22.70	23.02		
50	1	1	QPSK	23.61	23.57	23.52		
50	1	131		23.36	23.29	23.16		
50	64	32		23.56	23.22	23.45		
50	1	0		22.57	22.62	22.38		
50	1	132		22.28	22.23	22.36		
50	128	0		22.34	22.33	22.36		
50	1	1	16-QAM	22.66	22.59	22.45	21.36	0.1368
50	1	1	64-QAM	21.03	21.14	21.02		
50	1	1	256-QAM	18.79	18.93	19.11		
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	23.70	23.30	23.46	22.40	0.1738
60	1	160		23.17	23.13	23.10		
60	81	40		23.66	23.49	23.55		
60	1	0		23.27	22.87	23.09		
60	1	161		22.76	22.57	22.54		
60	162	0		23.07	22.82	22.95		
60	1	1	QPSK	23.57	23.35	23.36		
60	1	160		23.14	23.04	22.99		
60	81	40		23.69	23.31	23.32		
60	1	0		22.62	22.33	22.43		
60	1	161		22.26	22.12	22.28		
60	162	0		22.36	22.32	22.27		
60	1	1	16-QAM	22.72	22.56	22.62	21.42	0.1387
60	1	1	64-QAM	21.15	20.81	21.08		
60	1	1	256-QAM	19.25	18.68	18.94		
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	23.46	23.38	23.32	22.28	0.1690
70	1	187		22.84	23.09	23.13		
70	90	45		23.38	23.38	23.34		
70	1	0		23.23	22.84	23.14		
70	1	188		22.40	22.58	22.51		
70	180	0		22.73	22.88	22.82		
70	1	1	QPSK	23.58	23.30	23.41		
70	1	187		22.91	23.05	23.11		
70	90	45		23.40	23.50	23.44		
70	1	0		22.59	22.47	22.49		
70	1	188		21.92	22.17	22.06		
70	180	0		22.49	22.18	22.41		
70	1	1	16-QAM	22.70	22.47	22.54	21.40	0.1380
70	1	1	64-QAM	21.13	20.88	20.82		
70	1	1	256-QAM	19.13	18.94	18.97		
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	23.70	23.59	23.70	22.40	0.1738
80	1	215		23.28	22.95	23.23		
80	108	54		23.62	23.21	23.38		
80	1	0		23.20	23.22	23.16		
80	1	216		22.53	22.39	22.72		
80	216	0		23.19	22.78	23.02		
80	1	1	QPSK	23.66	23.54	23.47		
80	1	215		23.30	22.93	23.06		
80	108	54		23.61	23.26	23.58		
80	1	0		22.91	22.47	22.56		
80	1	216		22.16	21.96	22.06		
80	216	0		22.58	22.26	22.40		
80	1	1	16-QAM	22.48	22.67	22.39	21.37	0.1371
80	1	1	64-QAM	21.30	21.19	21.11		
80	1	1	256-QAM	19.30	18.94	19.25		
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	23.48	23.54	23.52	22.31	0.1702
90	1	243		22.86	23.09	22.92		
90	120	60		23.58	23.30	23.36		
90	1	0		23.11	23.23	22.97		
90	1	244		22.39	22.61	22.60		
90	243	0		23.11	22.84	22.74		
90	1	1	QPSK	23.61	23.61	23.44		
90	1	243		22.98	22.90	23.05		
90	120	60		23.47	23.16	23.20		
90	1	0		22.78	22.67	22.52		
90	1	244		21.88	21.97	22.07		
90	243	0		22.53	22.25	22.28		
90	1	1	16-QAM	22.79	22.46	22.50	21.49	0.1409
90	1	1	64-QAM	21.31	21.15	21.10		
90	1	1	256-QAM	19.24	19.26	18.99		
Limit	EIRP < 1W			Result			Pass	

Part 27O NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	23.71	23.68	23.39	22.41	0.1742
100	1	271		23.14	22.85	23.01		
100	135	67		23.47	23.17	23.30		
100	1	0		23.21	23.21	23.09		
100	1	272		22.58	22.39	22.45		
100	270	0		22.78	22.80	22.65		
100	1	1	QPSK	23.60	23.63	23.66		
100	1	271		23.06	23.07	22.98		
100	135	67		23.56	23.38	23.16		
100	1	0		22.80	22.72	22.58		
100	1	272		22.10	21.89	22.05		
100	270	0		22.54	22.35	22.22		
100	1	1	16-QAM	22.68	22.64	22.52	21.38	0.1374
100	1	1	64-QAM	21.19	20.24	21.11		
100	1	1	256-QAM	19.42	19.21	19.28		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
10	1	1	PI/2 BPSK	23.42	23.46	23.51	22.39	0.1734
10	1	22		23.62	23.58	23.42		
10	12	6		23.44	23.69	23.38		
10	1	0		20.09	19.89	19.97		
10	1	23		19.85	20.04	19.74		
10	24	0		23.07	23.33	22.97		
10	1	1	QPSK	23.45	23.52	23.53		
10	1	22		23.69	23.57	23.47		
10	12	6		23.58	23.67	23.24		
10	1	0		20.11	20.01	20.06		
10	1	23		19.91	20.21	19.90		
10	24	0		22.59	22.69	22.30		
10	1	1	16-QAM	22.48	22.49	22.59	21.29	0.1346
10	1	1	64-QAM	20.89	21.01	21.02		
10	1	1	256-QAM	18.79	18.99	18.92		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
15	1	1	PI/2 BPSK	23.61	23.54	23.63	22.36	0.1722
15	1	36		23.59	23.66	23.64		
15	18	9		23.45	23.57	23.44		
15	1	0		19.83	19.89	19.93		
15	1	37		20.06	20.10	19.92		
15	36	0		23.00	23.08	23.10		
15	1	1	QPSK	23.55	23.51	23.54		
15	1	36		23.52	23.61	23.44		
15	18	9		23.46	23.34	23.51		
15	1	0		19.96	19.97	19.91		
15	1	37		20.02	20.16	20.05		
15	36	0		22.45	22.54	22.63		
15	1	1	16-QAM	22.38	22.43	22.49	21.19	0.1315
15	1	1	64-QAM	21.08	20.95	20.99		
15	1	1	256-QAM	18.85	18.92	19.14		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
20	1	1	PI/2 BPSK	23.66	23.38	23.60	22.39	0.1734
20	1	49		23.57	23.64	23.46		
20	25	12		23.54	23.52	23.59		
20	1	0		20.02	20.10	20.16		
20	1	50		19.78	19.78	19.74		
20	50	0		23.23	22.83	22.99		
20	1	1	QPSK	23.43	23.53	23.57		
20	1	49		23.60	23.69	23.32		
20	25	12		23.61	23.43	23.49		
20	1	0		19.92	19.82	20.02		
20	1	50		20.00	20.04	19.93		
20	50	0		22.60	22.51	22.55		
20	1	1	16-QAM	22.60	22.55	22.40	21.3	0.1349
20	1	1	64-QAM	20.96	20.83	21.11		
20	1	1	256-QAM	19.14	18.93	18.69		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
25	1	1	PI/2 BPSK	23.56	23.44	23.66	22.43	0.1750
25	1	63		23.61	23.42	23.46		
25	32	16		23.67	23.46	23.32		
25	1	0		19.96	19.95	19.93		
25	1	64		19.97	19.91	19.56		
25	64	0		23.18	22.89	22.89		
25	1	1	QPSK	23.66	23.42	23.73		
25	1	63		23.49	23.29	23.35		
25	32	16		23.58	23.38	23.57		
25	1	0		20.01	19.96	20.14		
25	1	64		20.02	19.78	19.74		
25	64	0		22.58	22.43	22.36		
25	1	1	16-QAM	22.45	22.48	22.66	21.36	0.1368
25	1	1	64-QAM	20.88	20.98	20.95		
25	1	1	256-QAM	19.27	18.75	18.95		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
30	1	1	PI/2 BPSK	23.33	23.55	23.67	22.43	0.1750
30	1	76		23.54	23.29	23.52		
30	36	18		23.35	23.52	23.49		
30	1	0		19.91	20.07	20.19		
30	1	77		19.83	20.02	19.82		
30	75	0		23.08	22.87	23.12		
30	1	1	QPSK	23.46	23.73	23.68		
30	1	76		23.38	23.56	23.66		
30	36	18		23.59	23.51	23.61		
30	1	0		19.84	20.00	20.29		
30	1	77		19.90	19.85	19.99		
30	75	0		22.61	22.43	22.54		
30	1	1	16-QAM	22.60	22.56	22.66	21.36	0.1368
30	1	1	64-QAM	21.17	21.15	21.35		
30	1	1	256-QAM	18.84	19.05	19.25		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
40	1	1	PI/2 BPSK	23.50	23.58	23.55	22.37	0.1726
40	1	104		23.37	23.63	23.27		
40	50	25		23.61	23.36	23.52		
40	1	0		19.97	20.04	20.05		
40	1	105		19.76	19.94	19.65		
40	100	0		22.97	23.09	22.92		
40	1	1	QPSK	23.52	23.61	23.50		
40	1	104		23.51	23.59	23.33		
40	50	25		23.62	23.67	23.56		
40	1	0		20.11	20.07	20.17		
40	1	105		19.78	19.85	19.82		
40	100	0		22.53	22.55	22.45		
40	1	1	16-QAM	22.46	22.73	22.72	21.43	0.1390
40	1	1	64-QAM	21.11	21.35	21.26		
40	1	1	256-QAM	18.93	19.26	19.18		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
50	1	1	PI/2 BPSK	23.55	23.61	23.63	22.38	0.1730
50	1	131		23.12	23.39	23.38		
50	64	32		23.42	23.61	23.68		
50	1	0		19.97	20.00	20.45		
50	1	132		19.69	19.89	19.88		
50	128	0		23.13	22.83	23.25		
50	1	1	QPSK	23.49	23.61	23.64		
50	1	131		23.18	23.32	23.27		
50	64	32		23.59	23.38	23.65		
50	1	0		19.97	20.16	20.18		
50	1	132		19.79	20.07	19.56		
50	128	0		22.59	22.44	22.84		
50	1	1	16-QAM	22.57	22.76	22.90	21.6	0.1445
50	1	1	64-QAM	20.95	21.13	21.51		
50	1	1	256-QAM	19.02	19.11	19.32		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
60	1	1	PI/2 BPSK	23.53	23.68	23.54	22.43	0.1750
60	1	160		23.49	23.42	23.23		
60	81	40		23.73	23.38	23.66		
60	1	0		20.10	20.01	20.16		
60	1	161		19.76	19.87	19.72		
60	162	0		23.12	23.09	23.06		
60	1	1	QPSK	23.68	23.59	23.56		
60	1	160		23.54	23.16	23.13		
60	81	40		23.51	23.56	23.69		
60	1	0		20.23	20.05	20.10		
60	1	161		19.72	19.71	19.66		
60	162	0		22.54	22.54	22.62		
60	1	1	16-QAM	22.72	22.56	22.48	21.42	0.1387
60	1	1	64-QAM	21.17	20.93	21.05		
60	1	1	256-QAM	19.23	18.91	18.94		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
70	1	1	PI/2 BPSK	23.46	23.60	23.59	22.33	0.1710
70	1	187		23.26	23.10	23.03		
70	90	45		23.33	23.41	23.38		
70	1	0		20.07	20.25	20.01		
70	1	188		19.97	19.61	19.67		
70	180	0		22.96	22.98	22.89		
70	1	1	QPSK	23.63	23.60	23.57		
70	1	187		23.30	23.24	23.18		
70	90	45		23.35	23.40	23.47		
70	1	0		19.99	20.15	20.08		
70	1	188		19.99	19.72	19.67		
70	180	0		22.45	22.33	22.47		
70	1	1	16-QAM	22.52	22.67	22.51	21.37	0.1371
70	1	1	64-QAM	20.98	21.25	21.27		
70	1	1	256-QAM	18.95	19.17	19.27		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
80	1	1	PI/2 BPSK	23.35	23.61	23.64	22.39	0.1734
80	1	215		22.91	22.98	22.91		
80	108	54		23.46	23.41	23.57		
80	1	0		20.02	20.17	20.23		
80	1	216		19.66	19.63	19.48		
80	216	0		22.98	22.92	23.29		
80	1	1	QPSK	23.52	23.58	23.53		
80	1	215		22.94	23.01	23.10		
80	108	54		23.39	23.41	23.69		
80	1	0		20.00	20.19	20.22		
80	1	216		19.60	19.59	19.44		
80	216	0		22.27	22.48	22.71		
80	1	1	16-QAM	22.49	22.44	22.50	21.2	0.1318
80	1	1	64-QAM	21.08	21.05	21.06		
80	1	1	256-QAM	19.18	19.27	19.33		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
90	1	1	PI/2 BPSK	23.57	23.67	23.57	22.38	0.1730
90	1	243		23.16	23.14	23.06		
90	120	60		23.56	23.55	23.45		
90	1	0		20.09	20.14	20.13		
90	1	244		19.67	19.71	19.57		
90	243	0		22.85	22.96	22.88		
90	1	1	QPSK	23.46	23.64	23.68		
90	1	243		23.08	23.15	23.05		
90	120	60		23.31	23.38	23.39		
90	1	0		19.92	20.23	20.07		
90	1	244		19.67	19.68	19.66		
90	243	0		22.40	22.55	22.40		
90	1	1	16-QAM	22.48	22.75	22.64	21.45	0.1396
90	1	1	64-QAM	21.02	21.18	21.12		
90	1	1	256-QAM	19.11	19.15	18.88		
Limit	EIRP < 1W			Result			Pass	

Part 27Q NR n77 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)
100	1	1	PI/2 BPSK	-	23.76	-	22.46	0.1762
100	1	271		-	22.86	-		
100	135	67		-	23.60	-		
100	1	0		-	19.96	-		
100	1	272		-	19.60	-		
100	270	0		-	22.99	-		
100	1	1	QPSK	-	23.43	-		
100	1	271		-	23.15	-		
100	135	67		-	23.44	-		
100	1	0		-	20.11	-		
100	1	272		-	19.58	-		
100	270	0		-	22.32	-		
100	1	1	16-QAM	-	22.45	-	21.15	0.1303
100	1	1	64-QAM	-	21.11	-		
100	1	1	256-QAM	-	19.09	-		
Limit	EIRP < 1W			Result			Pass	

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