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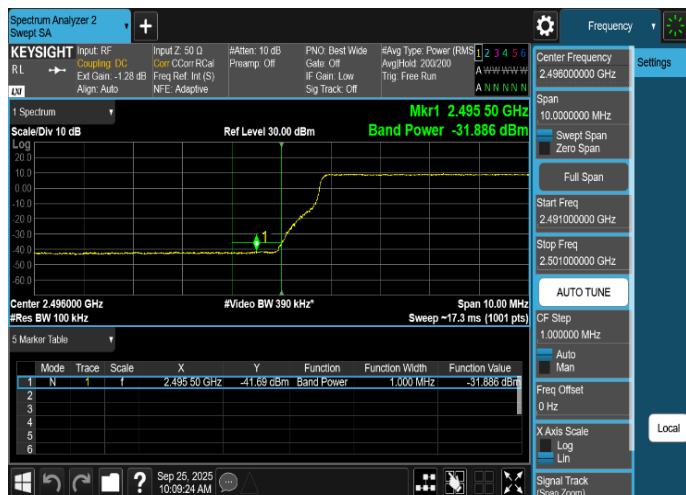
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Plot 8-10. Band Edge Emission Summary Data Plot
(NR_1C_90M_QPSK - Low Edge, Port 2)



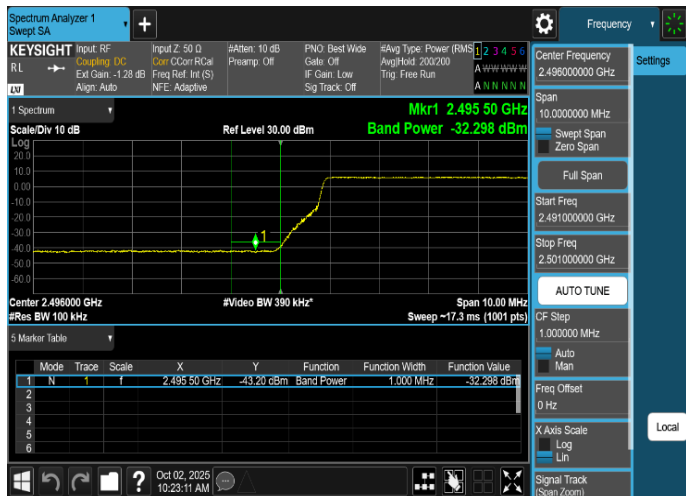
Plot 8-11. Band Edge Emission Summary Data Plot
(NR_1C_90M_QPSK - High Edge, Port 3)



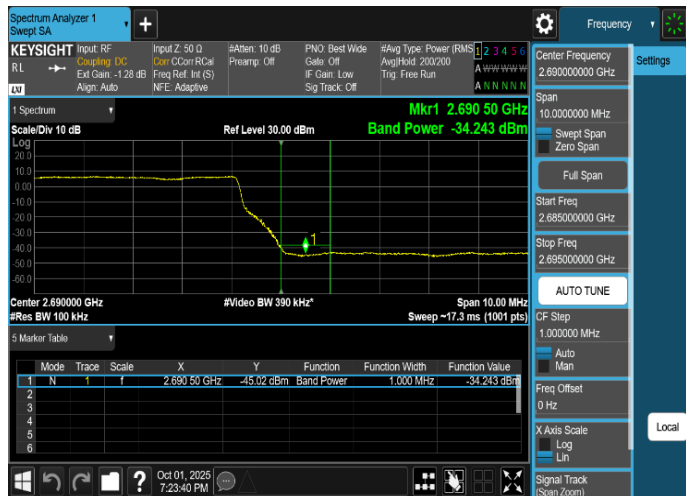
Plot 8-12. Band Edge Emission Summary Data Plot
(NR_1C_100M_64QAM - Low Edge, Port 57)



Plot 8-13. Band Edge Emission Summary Data Plot
(NR_1C_100M_64QAM - High Edge, Port 5)



Plot 8-14. Band Edge Emission Summary Data Plot
(NR_2C_90M+100M_QPSK - Low Edge, Port 43)



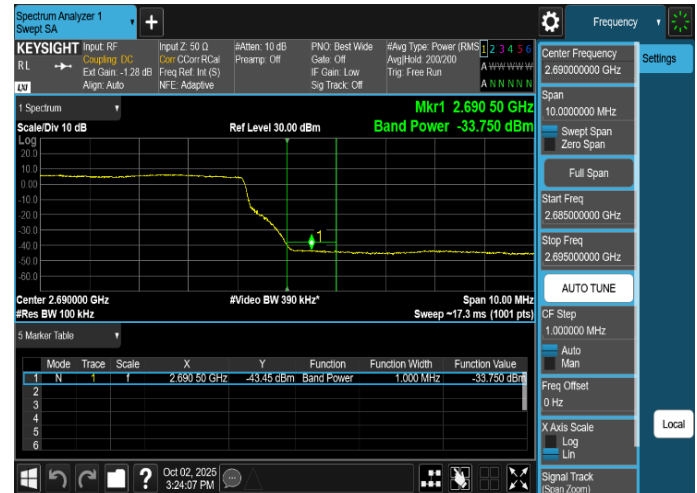
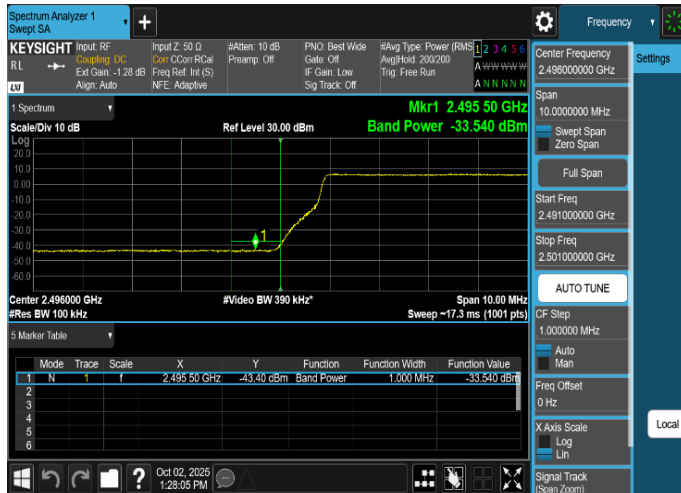
Plot 8-15. Band Edge Emission Summary Data Plot
(NR_2C_90M+100M_QPSK - High Edge, Port 4)



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8.5 Spurious and Harmonic Emissions at Antenna Terminal

Test Overview

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 6

KDB 662911 D01 v02r01 – Section E)3) Out-of-Band and Spurious Emission Measurements

a) Absolute Emission Limits

iii) Measure and add $10 \log(N_{ANT})$ dB

ANSI C63.26-2015 – Section 5.7

Test Setting

1. Start frequency was set to 9 kHz and stop frequency was set to at least $10 \times$ the fundamental frequency excluding the frequency range of the band edge measurement.
2. RBW: Please see test notes below.
3. $VBW \geq 3 \times RBW$
4. Detector = RMS
5. Number of sweep points $\geq 2 \times \text{Span}/RBW$
6. Trace mode = trace average
7. Sweep time = auto couple
8. The trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

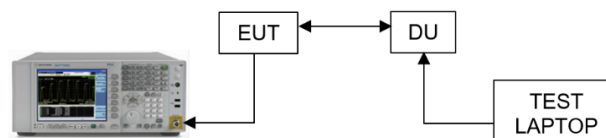


Figure 8-4. Test Instrument & Measurement Setup

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Limit**§ 27.53(m)**

(2) For digital base stations, the attenuation shall be not less than $43 + 10 \log (P)$ dB, unless a documented interference complaint is received from an adjacent channel licensee with an overlapping Geographic Service Area.

Test Notes

1. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.
2. The limits were adjusted by a factor of $[-10 \cdot \log (64)]$ dB to account for the device operation as a 64 port MIMO transmitter, as per FCC KDB 622911. MIMO Factor calculation as below:
 $\text{MIMO Factor} = 10 \cdot \log (64) = 18.06 \text{ dB}$
3. Narrower RBW parameter is applied according to Section 5.7 of ANSI C63.26-2015 for some edge channels due to improving measurement accuracy. RBW Factor calculation as below:
 - $\text{RBW Factor} = 10 \cdot \log (1/0.001) = 30 \text{ dB}$
 - $\text{RBW Factor} = 10 \cdot \log (1/0.01) = 20 \text{ dB}$

Frequency range	Basic Limit (dBm/MHz)	MIMO Factor (dB)	References RBW (MHz)	Measurement RBW (MHz)	RBW Factor (dB)	Adjusted limit (dBm)
9 kHz to 150 kHz	-13.00	18.06	1	0.001	30	-61.01
150 kHz to 30 MHz				0.01	20	-51.06
30 MHz to 2.450 GHz				1	0	-31.06
2.450 GHz to 2.495 GHz				0.1	10	-41.06
2.691 GHz to 2.750 GHz				0.1	10	-41.06
2.75 GHz to 22 GHz				1	0	-31.06

Note: Adjusted limit (dBm/MHz) = Basic limit (dBm/1MHz) - MIMO Factor - RBW Factor

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CH	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-73.87	-71.81	-71.51	-69.17	-61.06	-8.11
		150 kHz to 30 MHz	-63.26	-56.86	-59.29	-61.20	-51.06	-5.80
		30 MHz to 1 GHz	-54.54	-54.23	-54.39	-53.05	-31.06	-21.99
		1GHz to 2.450 GHz	-49.94	-49.06	-50.01	-49.57	-31.06	-18.00
		2.450 GHz to 2.495 GHz	-43.95	-43.92	-42.77	-43.58	-41.06	-1.71
		2.691 GHz to 2.750 GHz	-45.26	-45.26	-45.33	-45.64	-41.06	-4.20
		2.750 GHz to 6.2 GHz	-41.49	-40.74	-41.80	-40.89	-31.06	-9.68
		6.2 GHz to 18 GHz	-44.82	-45.08	-44.34	-44.90	-31.06	-13.28
		18 GHz to 28 GHz	-46.47	-46.89	-47.44	-47.22	-31.06	-15.41
	1	9 kHz to 150 kHz	-74.71	-72.43	-71.27	-71.15	-61.06	-10.09
		150 kHz to 30 MHz	-62.07	-57.22	-59.76	-59.59	-51.06	-6.16
		30 MHz to 1 GHz	-54.31	-53.82	-53.52	-53.71	-31.06	-22.46
		1GHz to 2.450 GHz	-50.00	-49.05	-50.34	-49.38	-31.06	-17.99
		2.450 GHz to 2.495 GHz	-42.26	-43.36	-42.37	-43.58	-41.06	-1.20
		2.691 GHz to 2.750 GHz	-45.63	-45.71	-45.36	-45.98	-41.06	-4.30
		2.750 GHz to 6.2 GHz	-38.99	-37.66	-39.49	-39.06	-31.06	-6.60
		6.2 GHz to 18 GHz	-45.43	-44.55	-44.65	-44.39	-31.06	-13.33
		18 GHz to 28 GHz	-47.32	-47.08	-47.55	-46.86	-31.06	-15.80
	2	9 kHz to 150 kHz	-72.23	-70.83	-72.60	-71.28	-61.06	-9.77
		150 kHz to 30 MHz	-62.59	-56.50	-59.34	-60.35	-51.06	-5.44
		30 MHz to 1 GHz	-55.01	-55.08	-54.26	-54.56	-31.06	-23.20
		1GHz to 2.450 GHz	-49.79	-49.61	-49.64	-49.34	-31.06	-18.28
		2.450 GHz to 2.495 GHz	-42.40	-42.23	-42.28	-42.12	-41.06	-1.06
		2.691 GHz to 2.750 GHz	-45.61	-45.73	-45.90	-45.68	-41.06	-4.55
		2.750 GHz to 6.2 GHz	-41.66	-42.16	-41.98	-42.29	-31.06	-10.60
		6.2 GHz to 18 GHz	-44.95	-44.15	-44.13	-44.65	-31.06	-13.07
		18 GHz to 28 GHz	-46.83	-47.51	-46.40	-47.01	-31.06	-15.34
	3	9 kHz to 150 kHz	-73.20	-70.74	-72.00	-71.07	-61.06	-9.68
		150 kHz to 30 MHz	-62.17	-57.76	-59.98	-59.69	-51.06	-6.70
		30 MHz to 1 GHz	-54.25	-54.23	-54.74	-53.88	-31.06	-22.82
		1GHz to 2.450 GHz	-49.09	-49.57	-49.12	-49.65	-31.06	-18.03
		2.450 GHz to 2.495 GHz	-42.85	-43.05	-42.88	-43.68	-41.06	-1.79
		2.691 GHz to 2.750 GHz	-45.35	-45.32	-45.50	-45.44	-41.06	-4.26
		2.750 GHz to 6.2 GHz	-42.57	-42.84	-42.25	-42.31	-31.06	-11.19
		6.2 GHz to 18 GHz	-45.31	-44.42	-44.10	-43.92	-31.06	-12.86
		18 GHz to 28 GHz	-47.20	-46.17	-47.51	-46.87	-31.06	-15.11
	4	9 kHz to 150 kHz	-70.60	-70.82	-71.58	-69.89	-61.06	-8.83
		150 kHz to 30 MHz	-61.95	-57.69	-59.03	-60.35	-51.06	-6.63
		30 MHz to 1 GHz	-52.42	-53.07	-53.71	-53.57	-31.06	-21.36
		1GHz to 2.450 GHz	-49.53	-48.90	-47.74	-47.60	-31.06	-16.54
		2.450 GHz to 2.495 GHz	-43.58	-43.30	-42.98	-43.43	-41.06	-1.92
		2.691 GHz to 2.750 GHz	-45.60	-45.65	-45.87	-45.77	-41.06	-4.54
		2.750 GHz to 6.2 GHz	-40.52	-39.56	-39.92	-40.12	-31.06	-8.50

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		6.2 GHz to 18 GHz	-44.93	-44.04	-44.86	-44.44	-31.06	-12.98
		18 GHz to 28 GHz	-46.19	-47.40	-47.04	-47.06	-31.06	-15.13
	5	9 kHz to 150 kHz	-72.70	-70.38	-70.51	-70.90	-61.06	-9.32
		150 kHz to 30 MHz	-64.95	-57.85	-60.47	-59.51	-51.06	-6.79
		30 MHz to 1 GHz	-53.69	-53.31	-53.37	-53.97	-31.06	-22.25
		1GHz to 2.450 GHz	-50.84	-49.63	-50.39	-49.81	-31.06	-18.57
		2.450 GHz to 2.495 GHz	-42.23	-44.28	-42.95	-44.65	-41.06	-1.17
		2.691 GHz to 2.750 GHz	-45.56	-45.95	-45.69	-45.89	-41.06	-4.50
		2.750 GHz to 6.2 GHz	-40.51	-41.06	-40.42	-39.69	-31.06	-8.63
		6.2 GHz to 18 GHz	-45.14	-44.06	-44.23	-43.33	-31.06	-12.27
		18 GHz to 28 GHz	-46.24	-47.37	-46.59	-47.11	-31.06	-15.18
		9 kHz to 150 kHz	-71.30	-70.73	-69.13	-70.19	-61.06	-8.07
	6	150 kHz to 30 MHz	-63.75	-54.98	-59.71	-57.17	-51.06	-3.92
		30 MHz to 1 GHz	-48.98	-48.34	-48.79	-47.48	-31.06	-16.42
		1GHz to 2.450 GHz	-45.36	-43.99	-45.75	-44.65	-31.06	-12.93
		2.450 GHz to 2.495 GHz	-42.52	-43.26	-42.12	-42.08	-41.06	-1.02
		2.691 GHz to 2.750 GHz	-45.45	-45.84	-45.72	-45.96	-41.06	-4.39
		2.750 GHz to 6.2 GHz	-42.80	-41.98	-42.42	-41.92	-31.06	-10.86
		6.2 GHz to 18 GHz	-45.26	-44.66	-44.19	-43.81	-31.06	-12.75
		18 GHz to 28 GHz	-46.30	-47.39	-47.66	-46.60	-31.06	-15.24
	7	9 kHz to 150 kHz	-73.01	-71.88	-71.31	-71.20	-61.06	-10.14
		150 kHz to 30 MHz	-64.16	-56.60	-61.52	-60.27	-51.06	-5.54
		30 MHz to 1 GHz	-54.07	-54.44	-54.12	-54.92	-31.06	-23.01
		1GHz to 2.450 GHz	-49.65	-49.76	-50.01	-49.69	-31.06	-18.59
		2.450 GHz to 2.495 GHz	-42.28	-43.09	-43.05	-42.73	-41.06	-1.22
		2.691 GHz to 2.750 GHz	-45.83	-45.52	-45.74	-45.90	-41.06	-4.46
		2.750 GHz to 6.2 GHz	-42.21	-41.79	-42.35	-41.92	-31.06	-10.73
		6.2 GHz to 18 GHz	-45.43	-45.72	-44.38	-43.09	-31.06	-12.03
	8	18 GHz to 28 GHz	-46.93	-46.80	-47.34	-46.14	-31.06	-15.08
		9 kHz to 150 kHz	-72.69	-69.92	-70.38	-70.82	-61.06	-8.86
		150 kHz to 30 MHz	-62.58	-56.37	-60.29	-60.18	-51.06	-5.31
		30 MHz to 1 GHz	-53.76	-52.42	-53.30	-52.96	-31.06	-21.36
		1GHz to 2.450 GHz	-49.48	-49.68	-48.76	-48.86	-31.06	-17.70
		2.450 GHz to 2.495 GHz	-44.04	-42.14	-43.11	-43.08	-41.06	-1.08
		2.691 GHz to 2.750 GHz	-45.55	-45.29	-45.73	-45.32	-41.06	-4.23
		2.750 GHz to 6.2 GHz	-41.78	-41.76	-41.56	-41.22	-31.06	-10.16
	9	6.2 GHz to 18 GHz	-45.32	-44.34	-43.82	-44.50	-31.06	-12.76
		18 GHz to 28 GHz	-47.21	-46.20	-47.27	-47.68	-31.06	-15.14
		9 kHz to 150 kHz	-71.07	-71.83	-71.15	-72.33	-61.06	-10.01
		150 kHz to 30 MHz	-62.86	-57.82	-59.77	-59.71	-51.06	-6.76
		30 MHz to 1 GHz	-55.15	-54.37	-54.53	-54.14	-31.06	-23.08
		1GHz to 2.450 GHz	-49.10	-49.01	-49.57	-49.77	-31.06	-17.95
		2.450 GHz to 2.495 GHz	-44.40	-42.54	-42.25	-43.57	-41.06	-1.19
		2.691 GHz to 2.750 GHz	-45.86	-46.05	-45.83	-45.93	-41.06	-4.77
		2.750 GHz to 6.2 GHz	-42.18	-41.99	-41.99	-42.78	-31.06	-10.93

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		6.2 GHz to 18 GHz	-45.07	-45.01	-44.60	-44.32	-31.06	-13.26
		18 GHz to 28 GHz	-47.16	-45.67	-47.41	-45.49	-31.06	-14.43
	10	9 kHz to 150 kHz	-72.07	-71.34	-70.70	-70.74	-61.06	-9.63
		150 kHz to 30 MHz	-63.29	-57.82	-59.66	-60.57	-51.06	-6.76
		30 MHz to 1 GHz	-53.61	-53.76	-54.41	-54.56	-31.06	-22.55
		1GHz to 2.450 GHz	-49.71	-49.39	-49.47	-41.90	-31.06	-10.84
		2.450 GHz to 2.495 GHz	-44.12	-43.71	-44.16	-44.09	-41.06	-2.65
		2.691 GHz to 2.750 GHz	-45.94	-46.16	-46.16	-46.14	-41.06	-4.88
		2.750 GHz to 6.2 GHz	-42.41	-42.09	-41.56	-41.83	-31.06	-10.50
		6.2 GHz to 18 GHz	-45.48	-43.77	-44.23	-45.32	-31.06	-12.71
		18 GHz to 28 GHz	-46.84	-46.05	-46.19	-45.89	-31.06	-14.83
		9 kHz to 150 kHz	-71.45	-71.52	-70.37	-72.47	-61.06	-9.30
	11	150 kHz to 30 MHz	-62.87	-57.64	-59.75	-59.93	-51.06	-6.58
		30 MHz to 1 GHz	-54.19	-54.56	-53.93	-54.33	-31.06	-22.87
		1GHz to 2.450 GHz	-49.93	-49.51	-47.89	-41.44	-31.06	-10.38
		2.450 GHz to 2.495 GHz	-42.45	-43.35	-42.52	-43.09	-41.06	-1.39
		2.691 GHz to 2.750 GHz	-45.07	-44.85	-44.97	-44.94	-41.06	-3.79
		2.750 GHz to 6.2 GHz	-42.23	-42.90	-43.16	-42.94	-31.06	-11.17
		6.2 GHz to 18 GHz	-44.95	-44.44	-44.64	-44.15	-31.06	-13.09
		18 GHz to 28 GHz	-46.70	-47.01	-47.49	-46.86	-31.06	-15.64
	12	9 kHz to 150 kHz	-70.48	-72.87	-70.39	-70.59	-61.06	4-9.33
		150 kHz to 30 MHz	-62.78	-57.06	-59.51	-59.06	-51.06	-6.00
		30 MHz to 1 GHz	-54.06	-53.77	-54.11	-52.89	-31.06	-21.83
		1GHz to 2.450 GHz	-49.10	-48.37	-48.19	-48.61	-31.06	-17.13
		2.450 GHz to 2.495 GHz	-44.73	-43.47	-43.81	-44.35	-41.06	-2.41
		2.691 GHz to 2.750 GHz	-45.93	-45.92	-45.65	-45.98	-41.06	-4.59
		2.750 GHz to 6.2 GHz	-41.08	-41.93	-41.34	-41.78	-31.06	-10.02
		6.2 GHz to 18 GHz	-45.55	-43.75	-44.76	-44.23	-31.06	-12.69
		18 GHz to 28 GHz	-46.15	-46.51	-45.87	-47.06	-31.06	-14.81
	13	9 kHz to 150 kHz	-73.43	-72.23	-71.58	-73.33	-61.06	-10.52
		150 kHz to 30 MHz	-62.72	-57.95	-61.14	-61.13	-51.06	-6.89
		30 MHz to 1 GHz	-54.93	-53.93	-53.78	-53.76	-31.06	-22.70
		1GHz to 2.450 GHz	-50.38	-49.94	-49.37	-49.31	-31.06	-18.25
		2.450 GHz to 2.495 GHz	-44.24	-43.45	-44.07	-42.95	-41.06	-1.89
		2.691 GHz to 2.750 GHz	-46.31	-46.37	-46.59	-46.24	-41.06	-5.18
		2.750 GHz to 6.2 GHz	-39.42	-40.01	-39.46	-38.74	-31.06	-7.68
		6.2 GHz to 18 GHz	-44.51	-44.37	-44.45	-43.51	-31.06	-12.45
		18 GHz to 28 GHz	-47.56	-46.31	-46.49	-44.54	-31.06	-13.48
	14	9 kHz to 150 kHz	-72.38	-71.76	-71.77	-71.53	-61.06	-10.47
		150 kHz to 30 MHz	-62.96	-57.71	-60.79	-59.69	-51.06	-6.65
		30 MHz to 1 GHz	-54.31	-54.46	-54.44	-54.32	-31.06	-23.25
		1GHz to 2.450 GHz	-49.99	-50.31	-50.26	-42.00	-31.06	-10.94
		2.450 GHz to 2.495 GHz	-42.63	-43.90	-43.98	-43.88	-41.06	-1.57
		2.691 GHz to 2.750 GHz	-46.31	-46.41	-46.67	-46.31	-41.06	-5.25
		2.750 GHz to 6.2 GHz	-42.41	-42.04	-42.93	-41.88	-31.06	-10.82

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		6.2 GHz to 18 GHz	-45.11	-43.83	-44.54	-45.12	-31.06	-12.77
		18 GHz to 28 GHz	-46.74	-47.16	-47.03	-46.40	-31.06	-15.34
	15	9 kHz to 150 kHz	-72.85	-72.79	-69.47	-71.52	-61.06	-8.41
		150 kHz to 30 MHz	-63.33	-58.18	-60.75	-59.36	-51.06	-7.12
		30 MHz to 1 GHz	-53.42	-54.32	-54.59	-54.38	-31.06	-22.36
		1GHz to 2.450 GHz	-50.18	-48.98	-49.74	-41.71	-31.06	-10.65
		2.450 GHz to 2.495 GHz	-42.23	-43.52	-43.49	-43.82	-41.06	-1.17
		2.691 GHz to 2.750 GHz	-45.74	-45.95	-46.06	-45.94	-41.06	-4.68
		2.750 GHz to 6.2 GHz	-40.06	-39.08	-40.69	-41.00	-31.06	-8.02
		6.2 GHz to 18 GHz	-44.28	-43.82	-44.38	-44.72	-31.06	-12.76
		18 GHz to 28 GHz	-46.74	-46.58	-47.34	-46.78	-31.06	-15.52
		9 kHz to 150 kHz	-73.96	-71.77	-71.09	-71.99	-61.06	-10.03
	16	150 kHz to 30 MHz	-62.83	-56.15	-59.73	-60.49	-51.06	-5.09
		30 MHz to 1 GHz	-54.11	-54.44	-53.36	-54.01	-31.06	-22.30
		1GHz to 2.450 GHz	-49.88	-49.56	-49.10	-49.33	-31.06	-18.04
		2.450 GHz to 2.495 GHz	-44.39	-43.99	-43.08	-44.14	-41.06	-2.02
		2.691 GHz to 2.750 GHz	-46.04	-45.98	-45.87	-46.09	-41.06	-4.81
		2.750 GHz to 6.2 GHz	-41.55	-41.86	-40.38	-41.93	-31.06	-9.32
		6.2 GHz to 18 GHz	-45.00	-43.73	-44.76	-44.90	-31.06	-12.67
		18 GHz to 28 GHz	-46.70	-46.29	-46.47	-47.18	-31.06	-15.23
	17	9 kHz to 150 kHz	-72.71	-73.38	-70.47	-70.86	-61.06	-9.41
		150 kHz to 30 MHz	-62.68	-57.16	-60.68	-59.62	-51.06	-6.10
		30 MHz to 1 GHz	-54.81	-53.71	-54.60	-53.21	-31.06	-22.15
		1GHz to 2.450 GHz	-49.80	-49.61	-49.60	-49.82	-31.06	-18.54
		2.450 GHz to 2.495 GHz	-44.42	-42.20	-44.28	-44.78	-41.06	-1.14
		2.691 GHz to 2.750 GHz	-46.12	-45.89	-46.00	-46.35	-41.06	-4.83
		2.750 GHz to 6.2 GHz	-41.81	-42.56	-42.05	-41.95	-31.06	-10.75
		6.2 GHz to 18 GHz	-45.26	-44.36	-44.30	-44.25	-31.06	-13.19
	18	18 GHz to 28 GHz	-47.64	-47.02	-46.22	-46.34	-31.06	-15.16
		9 kHz to 150 kHz	-73.17	-71.35	-71.93	-71.45	-61.06	-10.29
		150 kHz to 30 MHz	-64.46	-58.01	-61.41	-59.67	-51.06	-6.95
		30 MHz to 1 GHz	-54.85	-54.54	-53.42	-54.70	-31.06	-22.36
		1GHz to 2.450 GHz	-51.28	-49.94	-49.66	-49.87	-31.06	-18.60
		2.450 GHz to 2.495 GHz	-44.27	-44.22	-43.83	-44.96	-41.06	-2.77
		2.691 GHz to 2.750 GHz	-46.41	-46.32	-46.54	-46.67	-41.06	-5.26
		2.750 GHz to 6.2 GHz	-42.55	-41.34	-42.24	-42.71	-31.06	-10.28
	19	6.2 GHz to 18 GHz	-45.64	-44.17	-44.25	-43.38	-31.06	-12.32
		18 GHz to 28 GHz	-47.08	-47.82	-47.28	-46.40	-31.06	-15.34
		9 kHz to 150 kHz	-70.50	-70.73	-71.82	-71.02	-61.06	-9.44
		150 kHz to 30 MHz	-63.97	-56.90	-60.86	-60.53	-51.06	-5.84
		30 MHz to 1 GHz	-54.02	-54.30	-54.82	-54.57	-31.06	-22.96
		1GHz to 2.450 GHz	-50.44	-49.66	-48.91	-49.10	-31.06	-17.85
		2.450 GHz to 2.495 GHz	-42.81	-43.68	-43.26	-43.35	-41.06	-1.75
		2.691 GHz to 2.750 GHz	-46.15	-45.58	-45.80	-45.54	-41.06	-4.48
		2.750 GHz to 6.2 GHz	-41.79	-42.81	-42.08	-42.35	-31.06	-10.73

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		6.2 GHz to 18 GHz	-45.19	-43.90	-45.36	-45.19	-31.06	-12.84
		18 GHz to 28 GHz	-47.47	-46.52	-47.26	-46.33	-31.06	-15.27
	20	9 kHz to 150 kHz	-72.32	-71.73	-71.18	-70.35	-61.06	-9.29
		150 kHz to 30 MHz	-64.98	-56.89	-59.34	-59.64	-51.06	-5.83
		30 MHz to 1 GHz	-54.03	-54.15	-53.46	-54.49	-31.06	-22.40
		1GHz to 2.450 GHz	-49.23	-49.25	-49.32	-49.05	-31.06	-17.99
		2.450 GHz to 2.495 GHz	-42.14	-42.72	-43.84	-43.41	-41.06	-1.08
		2.691 GHz to 2.750 GHz	-45.61	-45.86	-46.08	-45.81	-41.06	-4.55
		2.750 GHz to 6.2 GHz	-41.66	-41.82	-41.80	-42.18	-31.06	-10.60
		6.2 GHz to 18 GHz	-45.23	-44.66	-44.54	-44.39	-31.06	-13.33
		18 GHz to 28 GHz	-47.21	-47.24	-47.27	-46.76	-31.06	-15.70
		9 kHz to 150 kHz	-72.90	-71.62	-71.30	-71.32	-61.06	-10.24
	21	150 kHz to 30 MHz	-63.90	-56.67	-61.57	-59.64	-51.06	-5.61
		30 MHz to 1 GHz	-53.63	-54.49	-53.78	-54.39	-31.06	-22.57
		1GHz to 2.450 GHz	-50.07	-48.68	-49.41	-49.18	-31.06	-17.62
		2.450 GHz to 2.495 GHz	-44.08	-44.25	-44.05	-43.87	-41.06	-2.81
		2.691 GHz to 2.750 GHz	-46.28	-45.68	-45.78	-45.85	-41.06	-4.62
		2.750 GHz to 6.2 GHz	-42.23	-42.00	-42.16	-42.93	-31.06	-10.94
		6.2 GHz to 18 GHz	-44.98	-44.77	-44.49	-43.80	-31.06	-12.74
		18 GHz to 28 GHz	-44.89	-46.88	-47.59	-47.19	-31.06	-13.83
		9 kHz to 150 kHz	-72.47	-72.66	-71.85	-71.73	-61.06	-10.67
	22	150 kHz to 30 MHz	-64.19	-57.17	-59.40	-59.70	-51.06	-6.11
		30 MHz to 1 GHz	-54.78	-54.36	-55.10	-52.82	-31.06	-21.76
		1GHz to 2.450 GHz	-50.58	-49.47	-49.11	-50.53	-31.06	-18.05
		2.450 GHz to 2.495 GHz	-44.55	-43.77	-44.53	-44.12	-41.06	-2.71
		2.691 GHz to 2.750 GHz	-46.51	-46.40	-46.37	-46.55	-41.06	-5.31
		2.750 GHz to 6.2 GHz	-42.45	-41.82	-42.25	-42.50	-31.06	-10.76
		6.2 GHz to 18 GHz	-44.84	-43.64	-44.47	-44.43	-31.06	-12.58
		18 GHz to 28 GHz	-46.95	-47.63	-46.85	-47.22	-31.06	-15.79
		9 kHz to 150 kHz	-72.64	-71.79	-72.49	-73.42	-61.06	-10.73
	23	150 kHz to 30 MHz	-64.39	-57.89	-59.54	-60.95	-51.06	-6.83
		30 MHz to 1 GHz	-54.04	-54.05	-54.44	-54.13	-31.06	-22.98
		1GHz to 2.450 GHz	-50.29	-49.37	-50.15	-49.61	-31.06	-18.31
		2.450 GHz to 2.495 GHz	-43.69	-43.67	-42.85	-42.48	-41.06	-1.42
		2.691 GHz to 2.750 GHz	-45.82	-45.85	-46.09	-45.93	-41.06	-4.76
		2.750 GHz to 6.2 GHz	-39.18	-38.36	-39.15	-39.57	-31.06	-7.30
		6.2 GHz to 18 GHz	-44.78	-44.53	-44.91	-44.84	-31.06	-13.47
		18 GHz to 28 GHz	-46.80	-47.19	-46.10	-47.11	-31.06	-15.04
		9 kHz to 150 kHz	-71.32	-72.25	-72.23	-71.49	-61.06	-10.26
	24	150 kHz to 30 MHz	-64.15	-57.27	-60.56	-61.39	-51.06	-6.21
		30 MHz to 1 GHz	-54.36	-54.66	-54.29	-52.50	-31.06	-21.44
		1GHz to 2.450 GHz	-49.71	-49.54	-49.68	-49.31	-31.06	-18.25
		2.450 GHz to 2.495 GHz	-44.24	-43.36	-42.55	-44.27	-41.06	-1.49
		2.691 GHz to 2.750 GHz	-45.82	-45.73	-45.81	-45.76	-41.06	-4.67
		2.750 GHz to 6.2 GHz	-40.17	-41.91	-41.35	-41.52	-31.06	-9.11

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		6.2 GHz to 18 GHz	-45.16	-43.84	-45.09	-44.41	-31.06	-12.78
		18 GHz to 28 GHz	-47.08	-47.71	-47.25	-46.03	-31.06	-14.97
	25	9 kHz to 150 kHz	-73.15	-70.69	-70.66	-70.23	-61.06	-9.17
		150 kHz to 30 MHz	-63.50	-56.85	-60.57	-59.40	-51.06	-5.79
		30 MHz to 1 GHz	-54.80	-54.33	-54.17	-55.03	-31.06	-23.11
		1GHz to 2.450 GHz	-49.72	-49.14	-48.91	-49.34	-31.06	-17.85
		2.450 GHz to 2.495 GHz	-44.00	-42.76	-42.70	-43.08	-41.06	-1.64
		2.691 GHz to 2.750 GHz	-45.95	-45.85	-45.67	-45.78	-41.06	-4.61
		2.750 GHz to 6.2 GHz	-42.42	-41.38	-43.55	-43.22	-31.06	-10.32
		6.2 GHz to 18 GHz	-45.34	-43.99	-44.29	-44.12	-31.06	-12.93
		18 GHz to 28 GHz	-47.74	-47.21	-44.86	-46.94	-31.06	-13.80
		9 kHz to 150 kHz	-73.75	-71.95	-72.67	-71.93	-61.06	-10.87
	26	150 kHz to 30 MHz	-64.30	-56.98	-60.04	-61.13	-51.06	-5.92
		30 MHz to 1 GHz	-55.49	-54.16	-54.60	-54.59	-31.06	-23.10
		1GHz to 2.450 GHz	-49.74	-49.26	-49.52	-50.07	-31.06	-18.20
		2.450 GHz to 2.495 GHz	-44.24	-42.76	-43.72	-43.60	-41.06	-1.70
		2.691 GHz to 2.750 GHz	-46.14	-46.04	-46.05	-45.75	-41.06	-4.69
		2.750 GHz to 6.2 GHz	-41.78	-42.69	-42.57	-43.05	-31.06	-10.72
		6.2 GHz to 18 GHz	-45.41	-45.19	-44.05	-43.96	-31.06	-12.90
		18 GHz to 28 GHz	-45.86	-47.45	-46.98	-47.00	-31.06	-14.80
	27	9 kHz to 150 kHz	-73.87	-71.65	-70.50	-71.70	-61.06	-9.44
		150 kHz to 30 MHz	-64.27	-57.40	-60.07	-59.67	-51.06	-6.34
		30 MHz to 1 GHz	-54.24	-55.20	-53.38	-53.34	-31.06	-22.28
		1GHz to 2.450 GHz	-50.59	-50.08	-49.69	-49.97	-31.06	-18.63
		2.450 GHz to 2.495 GHz	-42.08	-42.14	-43.34	-42.46	-41.06	-1.02
		2.691 GHz to 2.750 GHz	-45.25	-44.96	-45.07	-45.18	-41.06	-3.90
		2.750 GHz to 6.2 GHz	-42.07	-41.62	-41.44	-41.44	-31.06	-10.38
		6.2 GHz to 18 GHz	-44.87	-43.94	-43.96	-44.16	-31.06	-12.88
	28	18 GHz to 28 GHz	-46.24	-47.26	-46.03	-47.15	-31.06	-14.97
		9 kHz to 150 kHz	-72.77	-70.15	-70.71	-70.48	-61.06	-9.09
		150 kHz to 30 MHz	-63.12	-56.29	-60.27	-59.54	-51.06	-5.23
		30 MHz to 1 GHz	-54.37	-54.73	-54.67	-53.36	-31.06	-22.30
		1GHz to 2.450 GHz	-49.21	-49.00	-49.02	-48.99	-31.06	-17.93
		2.450 GHz to 2.495 GHz	-44.52	-43.65	-43.54	-42.10	-41.06	-1.04
		2.691 GHz to 2.750 GHz	-45.83	-45.82	-45.80	-45.74	-41.06	-4.68
		2.750 GHz to 6.2 GHz	-42.05	-42.64	-42.12	-41.91	-31.06	-10.85
	29	6.2 GHz to 18 GHz	-45.60	-44.31	-43.60	-44.45	-31.06	-12.54
		18 GHz to 28 GHz	-46.76	-47.10	-46.51	-47.29	-31.06	-15.45
		9 kHz to 150 kHz	-72.04	-71.91	-71.34	-72.21	-61.06	-10.28
		150 kHz to 30 MHz	-64.35	-57.27	-61.30	-60.72	-51.06	-6.21
		30 MHz to 1 GHz	-54.02	-54.99	-54.33	-54.43	-31.06	-22.96
		1GHz to 2.450 GHz	-49.06	-49.76	-49.47	-49.44	-31.06	-18.00
		2.450 GHz to 2.495 GHz	-42.08	-43.77	-43.77	-43.36	-41.06	-1.02
		2.691 GHz to 2.750 GHz	-45.93	-45.87	-46.00	-46.12	-41.06	-4.81
		2.750 GHz to 6.2 GHz	-40.63	-42.04	-41.80	-41.78	-31.06	-9.57

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		6.2 GHz to 18 GHz	-45.00	-45.57	-44.83	-44.52	-31.06	-13.46
		18 GHz to 28 GHz	-46.78	-47.61	-46.31	-46.93	-31.06	-15.25
	30	9 kHz to 150 kHz	-73.09	-72.80	-71.04	-71.41	-61.06	-9.98
		150 kHz to 30 MHz	-63.77	-57.08	-59.11	-61.08	-51.06	-6.02
		30 MHz to 1 GHz	-55.10	-52.99	-52.73	-53.03	-31.06	-21.67
		1GHz to 2.450 GHz	-49.41	-49.84	-49.55	-49.37	-31.06	-18.31
		2.450 GHz to 2.495 GHz	-44.38	-44.00	-43.48	-44.44	-41.06	-2.42
		2.691 GHz to 2.750 GHz	-46.44	-46.43	-46.24	-46.35	-41.06	-5.18
		2.750 GHz to 6.2 GHz	-40.38	-41.82	-41.75	-40.72	-31.06	-9.32
		6.2 GHz to 18 GHz	-45.62	-43.89	-44.30	-45.82	-31.06	-12.83
		18 GHz to 28 GHz	-45.80	-46.46	-46.51	-46.82	-31.06	-14.74
		9 kHz to 150 kHz	-74.04	-72.94	-70.40	-72.12	-61.06	-9.34
	31	150 kHz to 30 MHz	-64.29	-57.85	-61.39	-60.74	-51.06	-6.79
		30 MHz to 1 GHz	-55.01	-54.93	-54.67	-53.59	-31.06	-22.53
		1GHz to 2.450 GHz	-50.28	-49.27	-49.83	-49.72	-31.06	-18.21
		2.450 GHz to 2.495 GHz	-42.61	-42.75	-43.37	-43.10	-41.06	-1.55
		2.691 GHz to 2.750 GHz	-45.54	-45.40	-45.59	-45.34	-41.06	-4.28
		2.750 GHz to 6.2 GHz	-39.35	-40.25	-40.28	-40.58	-31.06	-8.29
		6.2 GHz to 18 GHz	-45.33	-43.87	-44.77	-44.53	-31.06	-12.81
		18 GHz to 28 GHz	-46.68	-47.08	-46.69	-46.59	-31.06	-15.53
		9 kHz to 150 kHz	-70.96	-72.40	-70.26	-69.81	-61.06	-8.75
	32	150 kHz to 30 MHz	-64.41	-57.78	-60.26	-60.77	-51.06	-6.72
		30 MHz to 1 GHz	-54.86	-54.05	-54.62	-53.63	-31.06	-22.57
		1GHz to 2.450 GHz	-50.20	-48.90	-49.32	-49.30	-31.06	-17.84
		2.450 GHz to 2.495 GHz	-42.91	-43.03	-42.78	-43.12	-41.06	-1.72
		2.691 GHz to 2.750 GHz	-45.73	-45.54	-45.64	-45.65	-41.06	-4.48
		2.750 GHz to 6.2 GHz	-41.31	-41.93	-42.66	-41.97	-31.06	-10.25
		6.2 GHz to 18 GHz	-43.71	-44.57	-43.75	-43.92	-31.06	-12.65
		18 GHz to 28 GHz	-46.19	-47.14	-46.84	-46.70	-31.06	-15.13
		9 kHz to 150 kHz	-69.16	-71.88	-70.60	-71.27	-61.06	-8.10
	33	150 kHz to 30 MHz	-63.04	-57.56	-60.18	-59.99	-51.06	-6.50
		30 MHz to 1 GHz	-54.51	-54.05	-54.43	-53.25	-31.06	-22.19
		1GHz to 2.450 GHz	-49.99	-49.22	-49.31	-49.39	-31.06	-18.16
		2.450 GHz to 2.495 GHz	-42.72	-43.25	-43.78	-43.43	-41.06	-1.66
		2.691 GHz to 2.750 GHz	-45.28	-45.11	-45.02	-45.11	-41.06	-3.96
		2.750 GHz to 6.2 GHz	-41.49	-42.40	-42.48	-42.67	-31.06	-10.43
		6.2 GHz to 18 GHz	-44.62	-43.94	-44.67	-45.64	-31.06	-12.88
		18 GHz to 28 GHz	-46.70	-47.02	-47.45	-45.84	-31.06	-14.78
		9 kHz to 150 kHz	-70.45	-69.18	-71.33	-70.37	-61.06	-8.12
	34	150 kHz to 30 MHz	-63.40	-56.72	-59.36	-60.37	-51.06	-5.66
		30 MHz to 1 GHz	-54.36	-54.05	-54.04	-53.40	-31.06	-22.34
		1GHz to 2.450 GHz	-50.07	-49.25	-49.52	-49.15	-31.06	-18.09
		2.450 GHz to 2.495 GHz	-43.91	-43.53	-43.90	-43.91	-41.06	-2.47
		2.691 GHz to 2.750 GHz	-45.81	-45.76	-45.77	-45.49	-41.06	-4.43
		2.750 GHz to 6.2 GHz	-43.04	-43.02	-42.87	-43.21	-31.06	-11.81

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		6.2 GHz to 18 GHz	-45.23	-44.60	-44.54	-45.02	-31.06	-13.48
		18 GHz to 28 GHz	-47.24	-47.51	-46.15	-46.36	-31.06	-15.09
	35	9 kHz to 150 kHz	-70.30	-70.24	-68.41	-69.09	-61.06	-7.35
		150 kHz to 30 MHz	-61.91	-56.40	-57.84	-59.41	-51.06	-5.34
		30 MHz to 1 GHz	-53.85	-52.79	-52.00	-53.32	-31.06	-20.94
		1GHz to 2.450 GHz	-48.98	-48.82	-48.47	-49.11	-31.06	-17.41
		2.450 GHz to 2.495 GHz	-42.97	-43.10	-43.65	-42.88	-41.06	-1.82
		2.691 GHz to 2.750 GHz	-45.32	-44.81	-44.92	-44.93	-41.06	-3.75
		2.750 GHz to 6.2 GHz	-42.47	-42.49	-42.71	-42.33	-31.06	-11.27
		6.2 GHz to 18 GHz	-44.57	-44.33	-43.58	-45.32	-31.06	-12.52
		18 GHz to 28 GHz	-46.96	-47.30	-47.12	-46.93	-31.06	-15.87
		9 kHz to 150 kHz	-71.10	-71.06	-70.99	-70.69	-61.06	-9.63
	36	150 kHz to 30 MHz	-63.19	-57.66	-59.16	-60.95	-51.06	-6.60
		30 MHz to 1 GHz	-53.99	-53.85	-54.17	-54.25	-31.06	-22.79
		1GHz to 2.450 GHz	-50.04	-48.94	-49.31	-48.95	-31.06	-17.88
		2.450 GHz to 2.495 GHz	-43.58	-43.56	-42.44	-43.26	-41.06	-1.38
		2.691 GHz to 2.750 GHz	-46.12	-45.63	-45.45	-45.63	-41.06	-4.39
		2.750 GHz to 6.2 GHz	-41.69	-42.40	-43.30	-41.74	-31.06	-10.63
		6.2 GHz to 18 GHz	-44.48	-43.68	-43.90	-44.51	-31.06	-12.62
		18 GHz to 28 GHz	-46.73	-46.66	-46.71	-46.17	-31.06	-15.11
	37	9 kHz to 150 kHz	-71.70	-71.79	-71.41	-72.45	-61.06	-10.35
		150 kHz to 30 MHz	-64.65	-57.30	-59.49	-61.16	-51.06	-6.24
		30 MHz to 1 GHz	-54.16	-54.02	-54.68	-53.93	-31.06	-22.87
		1GHz to 2.450 GHz	-49.23	-48.97	-48.37	-49.35	-31.06	-17.31
		2.450 GHz to 2.495 GHz	-44.11	-43.33	-44.53	-43.53	-41.06	-2.27
		2.691 GHz to 2.750 GHz	-45.62	-45.27	-45.81	-45.70	-41.06	-4.21
		2.750 GHz to 6.2 GHz	-41.65	-42.58	-42.47	-42.44	-31.06	-10.59
		6.2 GHz to 18 GHz	-44.34	-44.48	-44.55	-44.61	-31.06	-13.28
	38	18 GHz to 28 GHz	-47.55	-47.64	-47.28	-45.95	-31.06	-14.89
		9 kHz to 150 kHz	-70.97	-72.43	-71.41	-71.55	-61.06	-9.91
		150 kHz to 30 MHz	-63.06	-56.72	-60.02	-60.78	-51.06	-5.66
		30 MHz to 1 GHz	-53.88	-54.21	-53.52	-52.79	-31.06	-21.73
		1GHz to 2.450 GHz	-50.07	-49.82	-49.95	-49.97	-31.06	-18.76
		2.450 GHz to 2.495 GHz	-44.55	-42.88	-44.22	-43.85	-41.06	-1.82
		2.691 GHz to 2.750 GHz	-46.25	-45.69	-45.94	-45.83	-41.06	-4.63
		2.750 GHz to 6.2 GHz	-41.53	-42.27	-41.95	-41.64	-31.06	-10.47
	39	6.2 GHz to 18 GHz	-45.19	-43.95	-44.30	-44.87	-31.06	-12.89
		18 GHz to 28 GHz	-46.44	-46.94	-46.13	-46.23	-31.06	-15.07
		9 kHz to 150 kHz	-72.15	-71.99	-72.37	-71.26	-61.06	-10.20
		150 kHz to 30 MHz	-62.98	-57.64	-60.36	-59.79	-51.06	-6.58
		30 MHz to 1 GHz	-53.34	-54.13	-54.13	-53.38	-31.06	-22.28
		1GHz to 2.450 GHz	-50.11	-49.58	-49.04	-48.67	-31.06	-17.61
		2.450 GHz to 2.495 GHz	-43.32	-42.84	-43.70	-43.31	-41.06	-1.78
		2.691 GHz to 2.750 GHz	-45.94	-45.31	-45.30	-45.67	-41.06	-4.24
		2.750 GHz to 6.2 GHz	-41.72	-42.29	-42.08	-41.70	-31.06	-10.64

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		6.2 GHz to 18 GHz	-44.74	-44.05	-44.42	-44.67	-31.06	-12.99
		18 GHz to 28 GHz	-47.42	-47.43	-47.87	-46.35	-31.06	-15.29
	40	9 kHz to 150 kHz	-72.62	-72.59	-70.86	-70.48	-61.06	-9.41
		150 kHz to 30 MHz	-63.08	-57.98	-60.35	-60.78	-51.06	-6.92
		30 MHz to 1 GHz	-53.84	-54.51	-53.43	-54.36	-31.06	-22.37
		1GHz to 2.450 GHz	-50.52	-48.43	-49.77	-49.24	-31.06	-17.37
		2.450 GHz to 2.495 GHz	-42.33	-42.10	-43.27	-43.95	-41.06	-1.04
		2.691 GHz to 2.750 GHz	-45.62	-45.39	-45.34	-45.55	-41.06	-4.28
		2.750 GHz to 6.2 GHz	-42.27	-42.20	-43.12	-43.11	-31.06	-11.14
		6.2 GHz to 18 GHz	-45.08	-44.53	-44.59	-44.92	-31.06	-13.47
		18 GHz to 28 GHz	-47.26	-47.63	-47.21	-46.91	-31.06	-15.85
		9 kHz to 150 kHz	-71.49	-70.96	-69.08	-70.26	-61.06	-8.02
	41	150 kHz to 30 MHz	-63.57	-58.12	-59.98	-62.76	-51.06	-7.06
		30 MHz to 1 GHz	-54.42	-54.70	-54.03	-54.52	-31.06	-22.97
		1GHz to 2.450 GHz	-49.71	-49.01	-49.43	-49.14	-31.06	-17.95
		2.450 GHz to 2.495 GHz	-42.10	-42.69	-44.04	-43.95	-41.06	-1.04
		2.691 GHz to 2.750 GHz	-45.66	-45.23	-45.63	-45.45	-41.06	-4.17
		2.750 GHz to 6.2 GHz	-42.17	-42.99	-43.14	-42.59	-31.06	-11.11
		6.2 GHz to 18 GHz	-44.51	-44.65	-44.81	-44.55	-31.06	-13.45
		18 GHz to 28 GHz	-46.73	-46.96	-47.09	-47.56	-31.06	-15.67
		9 kHz to 150 kHz	-71.04	-69.04	-71.92	-71.12	-61.06	-7.98
	42	150 kHz to 30 MHz	-64.29	-58.26	-59.39	-60.51	-51.06	-7.20
		30 MHz to 1 GHz	-54.28	-53.17	-53.21	-54.04	-31.06	-22.11
		1GHz to 2.450 GHz	-50.38	-49.55	-49.23	-40.66	-31.06	-9.60
		2.450 GHz to 2.495 GHz	-43.90	-43.81	-44.07	-44.11	-41.06	-2.75
		2.691 GHz to 2.750 GHz	-46.37	-46.11	-46.20	-45.78	-41.06	-4.72
		2.750 GHz to 6.2 GHz	-42.16	-43.41	-43.34	-42.74	-31.06	-11.10
		6.2 GHz to 18 GHz	-44.42	-44.04	-45.14	-44.01	-31.06	-12.95
		18 GHz to 28 GHz	-47.26	-46.82	-46.44	-46.96	-31.06	-15.38
		9 kHz to 150 kHz	-72.30	-71.49	-70.85	-68.69	-61.06	-7.63
	43	150 kHz to 30 MHz	-63.85	-57.81	-60.29	-63.27	-51.06	-6.75
		30 MHz to 1 GHz	-54.00	-53.71	-54.25	-53.94	-31.06	-22.65
		1GHz to 2.450 GHz	-50.04	-48.53	-49.48	-39.69	-31.06	-8.63
		2.450 GHz to 2.495 GHz	-44.70	-44.06	-44.06	-43.85	-41.06	-2.79
		2.691 GHz to 2.750 GHz	-45.88	-45.22	-45.83	-45.29	-41.06	-4.16
		2.750 GHz to 6.2 GHz	-38.53	-39.27	-40.41	-39.12	-31.06	-7.47
		6.2 GHz to 18 GHz	-44.65	-43.88	-44.20	-44.32	-31.06	-12.82
		18 GHz to 28 GHz	-47.28	-47.10	-46.41	-46.12	-31.06	-15.06
		9 kHz to 150 kHz	-70.82	-70.44	-72.66	-69.82	-61.06	-8.76
	44	150 kHz to 30 MHz	-61.64	-57.18	-59.33	-61.93	-51.06	-6.12
		30 MHz to 1 GHz	-52.83	-53.61	-53.41	-53.97	-31.06	-21.77
		1GHz to 2.450 GHz	-50.58	-49.65	-49.41	-49.39	-31.06	-18.33
		2.450 GHz to 2.495 GHz	-44.56	-44.36	-45.32	-45.01	-41.06	-3.30
		2.691 GHz to 2.750 GHz	-47.05	-46.81	-47.13	-46.81	-41.06	-5.75
		2.750 GHz to 6.2 GHz	-41.28	-42.74	-41.80	-42.08	-31.06	-10.22

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		6.2 GHz to 18 GHz	-44.60	-44.16	-44.76	-44.99	-31.06	-13.10
		18 GHz to 28 GHz	-46.84	-47.61	-45.99	-45.57	-31.06	-14.51
	45	9 kHz to 150 kHz	-69.08	-69.90	-71.75	-72.00	-61.06	-8.02
		150 kHz to 30 MHz	-63.50	-58.32	-58.25	-62.86	-51.06	-7.19
		30 MHz to 1 GHz	-53.27	-54.86	-54.52	-53.33	-31.06	-22.21
		1GHz to 2.450 GHz	-49.82	-49.56	-49.58	-50.19	-31.06	-18.50
		2.450 GHz to 2.495 GHz	-44.14	-43.28	-43.78	-44.82	-41.06	-2.22
		2.691 GHz to 2.750 GHz	-46.38	-45.77	-45.99	-45.87	-41.06	-4.71
		2.750 GHz to 6.2 GHz	-42.65	-41.25	-43.16	-42.37	-31.06	-10.19
		6.2 GHz to 18 GHz	-45.28	-44.82	-44.31	-44.46	-31.06	-13.25
		18 GHz to 28 GHz	-45.94	-46.83	-47.02	-46.77	-31.06	-14.88
		9 kHz to 150 kHz	-70.60	-72.09	-70.79	-70.78	-61.06	-9.54
	46	150 kHz to 30 MHz	-63.54	-57.67	-59.37	-61.14	-51.06	-6.61
		30 MHz to 1 GHz	-54.74	-54.75	-54.03	-53.74	-31.06	-22.68
		1GHz to 2.450 GHz	-50.50	-49.86	-49.46	-42.10	-31.06	-11.04
		2.450 GHz to 2.495 GHz	-42.93	-43.52	-45.13	-43.94	-41.06	-1.87
		2.691 GHz to 2.750 GHz	-46.60	-46.21	-46.62	-46.59	-41.06	-5.15
		2.750 GHz to 6.2 GHz	-42.41	-43.12	-42.89	-42.46	-31.06	-11.35
		6.2 GHz to 18 GHz	-44.32	-44.29	-44.77	-44.13	-31.06	-13.07
		18 GHz to 28 GHz	-46.99	-47.23	-46.66	-47.16	-31.06	-15.60
	47	9 kHz to 150 kHz	-70.39	-70.21	-71.68	-71.28	-61.06	-9.15
		150 kHz to 30 MHz	-64.00	-57.49	-59.91	-62.70	-51.06	-6.43
		30 MHz to 1 GHz	-53.84	-54.43	-54.16	-54.02	-31.06	-22.78
		1GHz to 2.450 GHz	-49.72	-48.92	-48.79	-41.68	-31.06	-10.62
		2.450 GHz to 2.495 GHz	-43.94	-43.62	-43.66	-43.87	-41.06	-2.56
		2.691 GHz to 2.750 GHz	-46.00	-45.61	-45.74	-45.62	-41.06	-4.55
		2.750 GHz to 6.2 GHz	-41.48	-42.45	-42.33	-41.83	-31.06	-10.42
		6.2 GHz to 18 GHz	-44.22	-44.37	-44.87	-44.73	-31.06	-13.16
	48	18 GHz to 28 GHz	-47.50	-47.05	-47.06	-47.19	-31.06	-15.99
		9 kHz to 150 kHz	-69.56	-72.01	-71.15	-71.50	-61.06	-8.50
		150 kHz to 30 MHz	-62.75	-58.42	-59.61	-62.65	-51.06	-7.36
		30 MHz to 1 GHz	-54.78	-54.02	-54.66	-54.67	-31.06	-22.96
		1GHz to 2.450 GHz	-49.06	-49.18	-48.82	-47.84	-31.06	-16.78
		2.450 GHz to 2.495 GHz	-44.60	-43.73	-43.79	-44.51	-41.06	-2.67
		2.691 GHz to 2.750 GHz	-46.03	-45.33	-45.57	-45.53	-41.06	-4.27
		2.750 GHz to 6.2 GHz	-42.50	-42.64	-42.68	-42.52	-31.06	-11.44
	49	6.2 GHz to 18 GHz	-44.09	-44.52	-43.51	-44.33	-31.06	-12.45
		18 GHz to 28 GHz	-47.17	-47.11	-47.43	-47.10	-31.06	-16.04
		9 kHz to 150 kHz	-69.85	-70.68	-71.03	-70.05	-61.06	-8.79
		150 kHz to 30 MHz	-63.40	-58.56	-59.25	-61.28	-51.06	-7.50
		30 MHz to 1 GHz	-54.12	-54.70	-54.68	-54.86	-31.06	-23.06
		1GHz to 2.450 GHz	-49.80	-50.00	-49.16	-48.81	-31.06	-17.75
		2.450 GHz to 2.495 GHz	-43.32	-43.87	-44.44	-44.18	-41.06	-2.26
		2.691 GHz to 2.750 GHz	-45.45	-45.19	-45.15	-45.24	-41.06	-4.09
		2.750 GHz to 6.2 GHz	-42.29	-42.71	-42.91	-42.24	-31.06	-11.18

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		6.2 GHz to 18 GHz	-44.74	-44.42	-44.74	-44.08	-31.06	-13.02
		18 GHz to 28 GHz	-47.45	-47.53	-46.68	-47.14	-31.06	-15.62
	50	9 kHz to 150 kHz	-69.55	-72.47	-71.03	-69.80	-61.06	-8.49
		150 kHz to 30 MHz	-63.70	-58.34	-59.53	-61.43	-51.06	-7.28
		30 MHz to 1 GHz	-53.13	-54.36	-53.76	-54.11	-31.06	-22.07
		1GHz to 2.450 GHz	-50.18	-50.33	-48.53	-48.49	-31.06	-17.43
		2.450 GHz to 2.495 GHz	-44.02	-43.94	-44.15	-44.33	-41.06	-2.88
		2.691 GHz to 2.750 GHz	-46.37	-45.99	-46.03	-46.12	-41.06	-4.93
		2.750 GHz to 6.2 GHz	-42.59	-42.56	-42.53	-42.62	-31.06	-11.47
		6.2 GHz to 18 GHz	-44.51	-44.73	-44.42	-45.24	-31.06	-13.36
		18 GHz to 28 GHz	-46.80	-47.27	-47.15	-47.21	-31.06	-15.74
		9 kHz to 150 kHz	-69.28	-71.91	-71.05	-70.92	-61.06	-8.22
	51	150 kHz to 30 MHz	-62.43	-58.07	-59.17	-61.51	-51.06	-7.01
		30 MHz to 1 GHz	-53.07	-54.22	-53.57	-54.34	-31.06	-22.01
		1GHz to 2.450 GHz	-49.54	-49.47	-48.98	-48.75	-31.06	-17.69
		2.450 GHz to 2.495 GHz	-43.92	-42.53	-43.56	-43.92	-41.06	-1.47
		2.691 GHz to 2.750 GHz	-45.63	-44.97	-45.27	-45.15	-41.06	-3.91
		2.750 GHz to 6.2 GHz	-42.38	-42.66	-42.78	-41.82	-31.06	-10.76
		6.2 GHz to 18 GHz	-45.32	-44.43	-44.33	-44.88	-31.06	-13.27
		18 GHz to 28 GHz	-47.26	-47.05	-46.67	-46.24	-31.06	-15.18
		9 kHz to 150 kHz	-70.53	-72.60	-69.20	-69.97	-61.06	-8.14
	52	150 kHz to 30 MHz	-62.73	-57.54	-60.46	-62.21	-51.06	-6.48
		30 MHz to 1 GHz	-52.82	-53.66	-53.68	-52.47	-31.06	-21.41
		1GHz to 2.450 GHz	-50.78	-49.19	-48.79	-49.23	-31.06	-17.73
		2.450 GHz to 2.495 GHz	-42.45	-43.12	-42.60	-43.57	-41.06	-1.39
		2.691 GHz to 2.750 GHz	-46.52	-46.04	-46.06	-46.03	-41.06	-4.97
		2.750 GHz to 6.2 GHz	-40.35	-39.70	-39.75	-39.99	-31.06	-8.64
		6.2 GHz to 18 GHz	-45.13	-44.77	-44.63	-44.75	-31.06	-13.57
		18 GHz to 28 GHz	-46.88	-47.08	-47.61	-47.38	-31.06	-15.82
		9 kHz to 150 kHz	-69.74	-71.47	-72.22	-70.79	-61.06	-8.68
	53	150 kHz to 30 MHz	-62.84	-58.38	-59.66	-62.41	-51.06	-7.32
		30 MHz to 1 GHz	-53.20	-54.94	-54.24	-53.63	-31.06	-22.14
		1GHz to 2.450 GHz	-49.59	-49.18	-49.41	-48.39	-31.06	-17.33
		2.450 GHz to 2.495 GHz	-45.07	-43.89	-44.13	-44.29	-41.06	-2.83
		2.691 GHz to 2.750 GHz	-46.09	-45.82	-46.18	-45.91	-41.06	-4.76
		2.750 GHz to 6.2 GHz	-42.01	-42.67	-42.89	-41.83	-31.06	-10.77
		6.2 GHz to 18 GHz	-44.21	-44.42	-44.64	-43.47	-31.06	-12.41
		18 GHz to 28 GHz	-46.77	-47.34	-46.64	-46.88	-31.06	-15.58
		9 kHz to 150 kHz	-69.56	-71.80	-70.30	-71.46	-61.06	-8.50
	54	150 kHz to 30 MHz	-62.78	-58.58	-59.29	-61.89	-51.06	-7.52
		30 MHz to 1 GHz	-53.53	-53.64	-53.61	-53.39	-31.06	-22.33
		1GHz to 2.450 GHz	-49.87	-49.77	-48.87	-49.06	-31.06	-17.81
		2.450 GHz to 2.495 GHz	-43.38	-42.80	-43.56	-43.73	-41.06	-1.74
		2.691 GHz to 2.750 GHz	-45.78	-45.41	-45.51	-45.28	-41.06	-4.22
		2.750 GHz to 6.2 GHz	-41.17	-40.31	-40.67	-41.55	-31.06	-9.25

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		6.2 GHz to 18 GHz	-45.29	-44.06	-44.86	-44.57	-31.06	-13.00
		18 GHz to 28 GHz	-46.88	-47.45	-47.41	-46.43	-31.06	-15.37
	55	9 kHz to 150 kHz	-66.42	-73.35	-71.24	-70.75	-61.06	-5.36
		150 kHz to 30 MHz	-63.33	-58.43	-58.46	-62.29	-51.06	-7.37
		30 MHz to 1 GHz	-54.59	-54.96	-53.15	-54.62	-31.06	-22.09
		1GHz to 2.450 GHz	-49.50	-48.51	-48.62	-48.15	-31.06	-17.09
		2.450 GHz to 2.495 GHz	-43.50	-42.74	-43.07	-43.55	-41.06	-1.68
		2.691 GHz to 2.750 GHz	-44.84	-44.97	-44.97	-44.72	-41.06	-3.66
		2.750 GHz to 6.2 GHz	-41.67	-41.45	-42.16	-41.47	-31.06	-10.39
		6.2 GHz to 18 GHz	-44.54	-43.89	-43.86	-44.26	-31.06	-12.80
		18 GHz to 28 GHz	-47.04	-47.54	-47.23	-47.12	-31.06	-15.98
		9 kHz to 150 kHz	-69.94	-72.95	-70.05	-70.74	-61.06	-8.88
	56	150 kHz to 30 MHz	-62.60	-58.68	-58.05	-63.50	-51.06	-6.99
		30 MHz to 1 GHz	-54.06	-54.17	-53.64	-53.83	-31.06	-22.58
		1GHz to 2.450 GHz	-49.55	-49.17	-48.33	-48.67	-31.06	-17.27
		2.450 GHz to 2.495 GHz	-42.82	-42.16	-43.27	-43.58	-41.06	-1.10
		2.691 GHz to 2.750 GHz	-45.30	-45.01	-45.49	-45.65	-41.06	-3.95
		2.750 GHz to 6.2 GHz	-40.82	-40.77	-39.93	-41.40	-31.06	-8.87
		6.2 GHz to 18 GHz	-44.30	-44.62	-44.46	-44.91	-31.06	-13.24
		18 GHz to 28 GHz	-47.17	-46.94	-47.39	-47.21	-31.06	-15.88
	57	9 kHz to 150 kHz	-70.39	-69.97	-70.26	-70.45	-61.06	-8.91
		150 kHz to 30 MHz	-63.02	-58.68	-59.69	-62.42	-51.06	-7.62
		30 MHz to 1 GHz	-54.01	-52.46	-54.34	-52.99	-31.06	-21.40
		1GHz to 2.450 GHz	-48.73	-49.51	-48.35	-47.99	-31.06	-16.93
		2.450 GHz to 2.495 GHz	-43.67	-42.47	-42.32	-42.70	-41.06	-1.26
		2.691 GHz to 2.750 GHz	-45.23	-45.51	-45.34	-45.38	-41.06	-4.17
		2.750 GHz to 6.2 GHz	-41.71	-42.01	-41.42	-42.38	-31.06	-10.36
		6.2 GHz to 18 GHz	-45.27	-44.70	-44.15	-44.85	-31.06	-13.09
	58	18 GHz to 28 GHz	-47.57	-46.38	-47.34	-45.60	-31.06	-14.54
		9 kHz to 150 kHz	-70.02	-72.18	-69.79	-69.96	-61.06	-8.73
		150 kHz to 30 MHz	-64.68	-57.90	-59.42	-62.51	-51.06	-6.84
		30 MHz to 1 GHz	-53.17	-54.63	-54.13	-54.35	-31.06	-22.11
		1GHz to 2.450 GHz	-50.01	-49.82	-48.27	-48.46	-31.06	-17.21
		2.450 GHz to 2.495 GHz	-43.44	-42.98	-43.33	-44.03	-41.06	-1.92
		2.691 GHz to 2.750 GHz	-46.13	-45.54	-45.58	-45.54	-41.06	-4.47
		2.750 GHz to 6.2 GHz	-41.59	-41.83	-41.74	-41.65	-31.06	-10.53
	59	6.2 GHz to 18 GHz	-44.95	-45.08	-42.93	-44.42	-31.06	-11.87
		18 GHz to 28 GHz	-47.55	-46.97	-47.35	-47.31	-31.06	-15.91
		9 kHz to 150 kHz	-71.23	-69.78	-70.58	-69.42	-61.06	-8.36
		150 kHz to 30 MHz	-62.04	-58.69	-58.73	-62.97	-51.06	-7.63
		30 MHz to 1 GHz	-53.66	-53.77	-53.33	-53.90	-31.06	-22.27
		1GHz to 2.450 GHz	-50.01	-49.16	-49.34	-49.41	-31.06	-18.10
		2.450 GHz to 2.495 GHz	-44.38	-42.68	-42.87	-43.59	-41.06	-1.62
		2.691 GHz to 2.750 GHz	-45.22	-45.25	-45.68	-45.23	-41.06	-4.16
		2.750 GHz to 6.2 GHz	-40.90	-40.97	-41.13	-40.31	-31.06	-9.25

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Mid		6.2 GHz to 18 GHz	-44.53	-45.01	-44.33	-43.95	-31.06	-12.89
		18 GHz to 28 GHz	-47.53	-47.38	-47.33	-46.67	-31.06	-15.61
	60	9 kHz to 150 kHz	-70.69	-71.67	-69.00	-70.80	-61.06	-7.94
		150 kHz to 30 MHz	-62.46	-58.95	-59.78	-63.53	-51.06	-7.89
		30 MHz to 1 GHz	-53.29	-53.23	-53.31	-54.13	-31.06	-22.17
		1GHz to 2.450 GHz	-49.14	-49.51	-48.65	-49.39	-31.06	-17.59
		2.450 GHz to 2.495 GHz	-42.38	-43.02	-43.15	-43.25	-41.06	-1.32
		2.691 GHz to 2.750 GHz	-45.06	-45.38	-45.12	-45.27	-41.06	-4.00
		2.750 GHz to 6.2 GHz	-39.49	-41.77	-41.48	-40.93	-31.06	-8.43
		6.2 GHz to 18 GHz	-44.84	-44.35	-43.98	-44.31	-31.06	-12.92
		18 GHz to 28 GHz	-47.59	-45.59	-46.71	-47.30	-31.06	-14.53
		9 kHz to 150 kHz	-71.44	-70.37	-71.19	-68.98	-61.06	-7.92
	61	150 kHz to 30 MHz	-62.64	-58.85	-59.53	-63.38	-51.06	-7.79
		30 MHz to 1 GHz	-54.33	-53.43	-53.49	-54.23	-31.06	-22.37
		1GHz to 2.450 GHz	-50.03	-48.93	-48.80	-48.57	-31.06	-17.51
		2.450 GHz to 2.495 GHz	-42.94	-43.28	-42.59	-43.68	-41.06	-1.53
		2.691 GHz to 2.750 GHz	-45.68	-45.57	-45.76	-45.88	-41.06	-4.51
		2.750 GHz to 6.2 GHz	-42.27	-43.00	-42.30	-42.76	-31.06	-11.21
		6.2 GHz to 18 GHz	-44.73	-45.72	-44.24	-45.45	-31.06	-13.18
		18 GHz to 28 GHz	-47.34	-46.57	-46.96	-47.07	-31.06	-15.51
		9 kHz to 150 kHz	-69.56	-71.95	-71.71	-70.34	-61.06	-8.50
	62	150 kHz to 30 MHz	-63.88	-58.46	-59.70	-63.97	-51.06	-7.40
		30 MHz to 1 GHz	-54.95	-54.61	-54.15	-54.94	-31.06	-23.09
		1GHz to 2.450 GHz	-49.70	-48.77	-49.33	-49.26	-31.06	-17.71
		2.450 GHz to 2.495 GHz	-44.34	-43.64	-44.15	-44.64	-41.06	-2.58
		2.691 GHz to 2.750 GHz	-46.10	-45.91	-45.89	-46.19	-41.06	-4.83
		2.750 GHz to 6.2 GHz	-42.18	-43.04	-41.65	-41.69	-31.06	-10.59
		6.2 GHz to 18 GHz	-44.08	-45.16	-44.07	-45.45	-31.06	-13.01
		18 GHz to 28 GHz	-47.56	-47.00	-47.02	-47.39	-31.06	-15.94
		9 kHz to 150 kHz	-71.53	-71.50	-68.52	-71.14	-61.06	-7.46
	63	150 kHz to 30 MHz	-64.16	-58.76	-59.75	-62.95	-51.06	-7.70
		30 MHz to 1 GHz	-54.21	-54.25	-52.64	-53.25	-31.06	-21.58
		1GHz to 2.450 GHz	-50.11	-49.16	-49.50	-49.61	-31.06	-18.10
		2.450 GHz to 2.495 GHz	-43.01	-42.59	-43.21	-43.60	-41.06	-1.53
		2.691 GHz to 2.750 GHz	-45.37	-45.41	-45.51	-45.59	-41.06	-4.31
		2.750 GHz to 6.2 GHz	-41.06	-41.36	-41.96	-41.66	-31.06	-10.00
		6.2 GHz to 18 GHz	-44.89	-44.19	-44.28	-44.33	-31.06	-13.13
		18 GHz to 28 GHz	-46.35	-47.15	-46.42	-46.61	-31.06	-15.29
Mid	0	9 kHz to 150 kHz	-72.47	-71.37	-71.90	-66.59	-61.06	-5.52
		150 kHz to 30 MHz	-57.35	-57.39	-57.07	-58.46	-51.06	-6.01
		30 MHz to 1 GHz	-53.31	-54.35	-53.29	-53.95	-31.06	-22.23
		1GHz to 2.450 GHz	-50.36	-49.44	-50.01	-50.78	-31.06	-18.38
		2.450 GHz to 2.495 GHz	-45.59	-45.09	-44.82	-43.96	-41.06	-2.90
		2.691 GHz to 2.750 GHz	-44.94	-44.05	-43.88	-42.07	-41.06	-1.01
		2.750 GHz to 6.2 GHz	-35.13	-35.52	-36.91	-39.66	-31.06	-4.07

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		6.2 GHz to 18 GHz	-48.19	-48.11	-47.71	-47.74	-31.06	-16.65
		18 GHz to 28 GHz	-46.75	-46.03	-45.17	-46.67	-31.06	-14.11
	1	9 kHz to 150 kHz	-71.00	-73.18	-71.84	-68.02	-61.06	-6.96
		150 kHz to 30 MHz	-57.38	-58.20	-56.36	-57.99	-51.06	-5.30
		30 MHz to 1 GHz	-53.40	-53.92	-53.33	-52.69	-31.06	-21.63
		1GHz to 2.450 GHz	-50.63	-51.03	-49.88	-50.88	-31.06	-18.82
		2.450 GHz to 2.495 GHz	-45.29	-45.54	-45.79	-44.45	-41.06	-3.39
		2.691 GHz to 2.750 GHz	-44.86	-45.36	-45.55	-43.72	-41.06	-2.66
		2.750 GHz to 6.2 GHz	-36.04	-36.26	-34.24	-34.49	-31.06	-3.18
		6.2 GHz to 18 GHz	-48.14	-47.98	-47.61	-47.72	-31.06	-16.55
		18 GHz to 28 GHz	-47.46	-46.64	-47.03	-47.57	-31.06	-15.58
		9 kHz to 150 kHz	-71.77	-71.95	-71.28	-68.36	-61.06	-7.30
	2	150 kHz to 30 MHz	-57.37	-58.19	-57.08	-58.91	-51.06	-6.02
		30 MHz to 1 GHz	-54.51	-53.36	-55.02	-54.54	-31.06	-22.30
		1GHz to 2.450 GHz	-50.97	-51.16	-50.27	-51.32	-31.06	-19.21
		2.450 GHz to 2.495 GHz	-45.12	-46.05	-46.29	-46.21	-41.06	-4.06
		2.691 GHz to 2.750 GHz	-44.49	-44.79	-45.33	-44.82	-41.06	-3.43
		2.750 GHz to 6.2 GHz	-34.41	-33.93	-36.27	-32.63	-31.06	-1.57
		6.2 GHz to 18 GHz	-47.45	-48.02	-47.94	-47.70	-31.06	-16.39
		18 GHz to 28 GHz	-46.74	-46.73	-45.97	-46.91	-31.06	-14.91
	3	9 kHz to 150 kHz	-72.32	-70.73	-74.44	-67.99	-61.06	-6.93
		150 kHz to 30 MHz	-56.19	-56.91	-57.04	-60.20	-51.06	-5.13
		30 MHz to 1 GHz	-54.25	-54.54	-54.13	-54.28	-31.06	-23.07
		1GHz to 2.450 GHz	-51.15	-51.32	-50.93	-51.02	-31.06	-19.87
		2.450 GHz to 2.495 GHz	-44.98	-46.22	-45.89	-45.93	-41.06	-3.92
		2.691 GHz to 2.750 GHz	-44.69	-45.23	-45.46	-45.37	-41.06	-3.63
		2.750 GHz to 6.2 GHz	-34.12	-34.22	-34.75	-33.99	-31.06	-2.93
		6.2 GHz to 18 GHz	-47.05	-47.15	-47.47	-48.13	-31.06	-15.99
	4	18 GHz to 28 GHz	-46.68	-46.38	-47.40	-47.04	-31.06	-15.32
		9 kHz to 150 kHz	-72.61	-73.29	-71.45	-67.95	-61.06	-6.89
		150 kHz to 30 MHz	-57.51	-55.67	-57.99	-57.82	-51.06	-4.61
		30 MHz to 1 GHz	-52.76	-53.99	-53.15	-54.12	-31.06	-21.70
		1GHz to 2.450 GHz	-49.42	-50.10	-50.30	-50.87	-31.06	-18.36
		2.450 GHz to 2.495 GHz	-45.25	-46.07	-45.30	-45.25	-41.06	-4.19
		2.691 GHz to 2.750 GHz	-44.12	-45.08	-45.14	-43.20	-41.06	-2.14
		2.750 GHz to 6.2 GHz	-37.43	-37.79	-36.79	-37.07	-31.06	-5.73
	5	6.2 GHz to 18 GHz	-47.94	-47.57	-47.80	-47.09	-31.06	-16.03
		18 GHz to 28 GHz	-46.10	-47.43	-46.79	-46.73	-31.06	-15.04
		9 kHz to 150 kHz	-71.86	-72.91	-71.53	-66.53	-61.06	-5.47
		150 kHz to 30 MHz	-56.91	-58.22	-56.73	-58.52	-51.06	-5.67
		30 MHz to 1 GHz	-53.51	-54.24	-54.24	-54.41	-31.06	-22.45
		1GHz to 2.450 GHz	-50.80	-50.60	-50.01	-50.87	-31.06	-18.95
		2.450 GHz to 2.495 GHz	-45.60	-46.23	-45.63	-43.16	-41.06	-2.10
		2.691 GHz to 2.750 GHz	-45.09	-44.49	-45.15	-43.23	-41.06	-2.17
		2.750 GHz to 6.2 GHz	-37.67	-38.22	-37.14	-36.47	-31.06	-5.41

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		6.2 GHz to 18 GHz	-47.06	-48.01	-47.67	-47.79	-31.06	-16.00
		18 GHz to 28 GHz	-47.26	-46.71	-46.07	-46.66	-31.06	-15.01
	6	9 kHz to 150 kHz	-70.88	-71.09	-72.39	-66.73	-61.06	-5.67
		150 kHz to 30 MHz	-55.52	-55.89	-54.77	-57.59	-51.06	-3.71
		30 MHz to 1 GHz	-48.56	-49.50	-48.14	-47.68	-31.06	-16.62
		1GHz to 2.450 GHz	-50.59	-51.06	-50.93	-50.24	-31.06	-19.18
		2.450 GHz to 2.495 GHz	-45.72	-46.13	-45.29	-46.16	-41.06	-4.23
		2.691 GHz to 2.750 GHz	-44.97	-45.58	-45.71	-45.70	-41.06	-3.91
		2.750 GHz to 6.2 GHz	-38.98	-38.66	-37.50	-33.65	-31.06	-2.59
		6.2 GHz to 18 GHz	-48.36	-47.51	-47.58	-47.49	-31.06	-16.43
		18 GHz to 28 GHz	-46.75	-46.44	-45.88	-46.46	-31.06	-14.82
		9 kHz to 150 kHz	-71.84	-70.87	-73.01	-69.17	-61.06	-8.11
	7	150 kHz to 30 MHz	-56.62	-57.11	-55.63	-57.73	-51.06	-4.57
		30 MHz to 1 GHz	-54.68	-54.25	-54.80	-53.98	-31.06	-22.92
		1GHz to 2.450 GHz	-51.71	-50.81	-51.31	-50.65	-31.06	-19.59
		2.450 GHz to 2.495 GHz	-45.61	-46.37	-46.15	-46.39	-41.06	-4.54
		2.691 GHz to 2.750 GHz	-44.43	-45.25	-45.69	-45.73	-41.06	-3.37
		2.750 GHz to 6.2 GHz	-33.44	-33.20	-32.82	-33.30	-31.06	-1.76
		6.2 GHz to 18 GHz	-47.34	-48.06	-47.86	-47.77	-31.06	-16.28
		18 GHz to 28 GHz	-46.78	-47.20	-46.23	-46.60	-31.06	-15.17
	8	9 kHz to 150 kHz	-71.04	-72.91	-71.43	-68.06	-61.06	-7.00
		150 kHz to 30 MHz	-56.30	-56.14	-55.80	-57.96	-51.06	-4.74
		30 MHz to 1 GHz	-53.08	-53.40	-53.25	-54.65	-31.06	-22.02
		1GHz to 2.450 GHz	-50.10	-50.45	-50.13	-50.66	-31.06	-19.04
		2.450 GHz to 2.495 GHz	-45.47	-46.00	-46.00	-45.71	-41.06	-4.41
		2.691 GHz to 2.750 GHz	-45.07	-45.80	-45.74	-45.13	-41.06	-4.01
		2.750 GHz to 6.2 GHz	-37.52	-38.68	-38.55	-37.34	-31.06	-6.28
		6.2 GHz to 18 GHz	-47.65	-47.69	-47.34	-48.08	-31.06	-16.28
	9	18 GHz to 28 GHz	-47.25	-46.90	-46.97	-46.42	-31.06	-15.36
		9 kHz to 150 kHz	-70.50	-72.10	-73.90	-67.89	-61.06	-6.83
		150 kHz to 30 MHz	-56.31	-57.35	-57.25	-59.40	-51.06	-5.25
		30 MHz to 1 GHz	-54.28	-54.76	-54.17	-54.82	-31.06	-23.11
		1GHz to 2.450 GHz	-50.93	-50.67	-50.79	-50.81	-31.06	-19.61
		2.450 GHz to 2.495 GHz	-45.91	-47.10	-46.78	-46.37	-41.06	-4.85
		2.691 GHz to 2.750 GHz	-44.83	-45.33	-45.14	-44.97	-41.06	-3.77
		2.750 GHz to 6.2 GHz	-40.12	-39.44	-38.85	-36.07	-31.06	-5.01
	10	6.2 GHz to 18 GHz	-48.37	-47.19	-47.30	-47.38	-31.06	-16.13
		18 GHz to 28 GHz	-46.71	-46.22	-47.15	-46.98	-31.06	-15.16
		9 kHz to 150 kHz	-71.43	-71.91	-71.25	-67.94	-61.06	-6.88
		150 kHz to 30 MHz	-57.54	-57.28	-56.46	-58.82	-51.06	-5.40
		30 MHz to 1 GHz	-54.00	-54.41	-53.50	-55.34	-31.06	-22.44
		1GHz to 2.450 GHz	-51.61	-50.22	-50.72	-51.14	-31.06	-19.16
		2.450 GHz to 2.495 GHz	-45.74	-46.49	-46.57	-46.14	-41.06	-4.68
		2.691 GHz to 2.750 GHz	-44.57	-45.11	-45.08	-45.04	-41.06	-3.51
		2.750 GHz to 6.2 GHz	-36.70	-36.57	-36.51	-32.92	-31.06	-1.86

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		6.2 GHz to 18 GHz	-47.95	-48.01	-48.01	-48.17	-31.06	-16.89
		18 GHz to 28 GHz	-46.51	-47.23	-46.57	-45.49	-31.06	-14.43
	11	9 kHz to 150 kHz	-72.84	-70.86	-72.21	-69.02	-61.06	-7.96
		150 kHz to 30 MHz	-56.91	-57.61	-57.52	-59.39	-51.06	-5.85
		30 MHz to 1 GHz	-54.41	-54.26	-54.50	-54.32	-31.06	-23.20
		1GHz to 2.450 GHz	-51.25	-50.57	-50.68	-50.88	-31.06	-19.51
		2.450 GHz to 2.495 GHz	-45.42	-46.15	-45.73	-45.92	-41.06	-4.36
		2.691 GHz to 2.750 GHz	-44.29	-44.40	-44.81	-44.59	-41.06	-3.23
		2.750 GHz to 6.2 GHz	-34.42	-35.17	-32.73	-34.68	-31.06	-1.67
		6.2 GHz to 18 GHz	-47.21	-47.84	-47.49	-47.49	-31.06	-16.15
		18 GHz to 28 GHz	-46.93	-46.59	-47.43	-47.05	-31.06	-15.53
		9 kHz to 150 kHz	-72.34	-70.41	-72.74	-67.05	-61.06	-5.99
	12	150 kHz to 30 MHz	-57.49	-56.60	-56.49	-59.33	-51.06	-5.43
		30 MHz to 1 GHz	-54.14	-53.62	-53.51	-53.44	-31.06	-22.38
		1GHz to 2.450 GHz	-48.49	-49.65	-48.73	-49.65	-31.06	-17.43
		2.450 GHz to 2.495 GHz	-45.54	-46.84	-46.49	-46.08	-41.06	-4.48
		2.691 GHz to 2.750 GHz	-44.76	-45.51	-45.28	-44.70	-41.06	-3.64
		2.750 GHz to 6.2 GHz	-41.76	-41.60	-40.68	-37.41	-31.06	-6.35
		6.2 GHz to 18 GHz	-48.02	-48.07	-47.83	-47.23	-31.06	-16.17
		18 GHz to 28 GHz	-46.62	-46.74	-46.22	-47.24	-31.06	-15.16
	13	9 kHz to 150 kHz	-72.45	-71.42	-72.64	-66.31	-61.06	-5.25
		150 kHz to 30 MHz	-57.22	-56.82	-56.56	-58.79	-51.06	-5.50
		30 MHz to 1 GHz	-52.26	-54.58	-54.62	-54.36	-31.06	-21.20
		1GHz to 2.450 GHz	-50.73	-50.63	-50.96	-49.98	-31.06	-18.92
		2.450 GHz to 2.495 GHz	-45.51	-46.62	-46.59	-46.43	-41.06	-4.45
		2.691 GHz to 2.750 GHz	-44.68	-46.13	-45.83	-45.50	-41.06	-3.62
		2.750 GHz to 6.2 GHz	-37.11	-36.09	-35.68	-35.53	-31.06	-4.47
		6.2 GHz to 18 GHz	-47.57	-47.41	-47.07	-47.73	-31.06	-16.01
	14	18 GHz to 28 GHz	-46.97	-47.01	-46.84	-46.42	-31.06	-15.36
		9 kHz to 150 kHz	-72.81	-73.79	-73.79	-67.96	-61.06	-6.90
		150 kHz to 30 MHz	-57.62	-57.20	-57.46	-62.33	-51.06	-6.14
		30 MHz to 1 GHz	-54.56	-53.68	-54.10	-54.38	-31.06	-22.62
		1GHz to 2.450 GHz	-51.52	-51.69	-50.63	-51.10	-31.06	-19.57
		2.450 GHz to 2.495 GHz	-46.10	-46.29	-46.58	-46.27	-41.06	-5.04
		2.691 GHz to 2.750 GHz	-45.08	-45.40	-45.55	-45.55	-41.06	-4.02
		2.750 GHz to 6.2 GHz	-39.83	-39.92	-39.16	-35.06	-31.06	-4.00
	15	6.2 GHz to 18 GHz	-47.17	-47.99	-47.65	-47.33	-31.06	-16.11
		18 GHz to 28 GHz	-47.48	-46.22	-46.67	-46.69	-31.06	-15.16
		9 kHz to 150 kHz	-73.46	-73.73	-74.05	-67.14	-61.06	-6.08
		150 kHz to 30 MHz	-57.81	-56.18	-56.22	-61.74	-51.06	-5.12
		30 MHz to 1 GHz	-54.08	-54.11	-53.32	-53.80	-31.06	-22.26
		1GHz to 2.450 GHz	-51.38	-51.37	-50.61	-50.70	-31.06	-19.55
		2.450 GHz to 2.495 GHz	-45.93	-46.62	-46.25	-46.14	-41.06	-4.87
		2.691 GHz to 2.750 GHz	-44.47	-45.11	-45.04	-45.13	-41.06	-3.41
		2.750 GHz to 6.2 GHz	-33.73	-34.40	-34.05	-34.17	-31.06	-2.67

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		6.2 GHz to 18 GHz	-46.72	-47.33	-47.91	-47.89	-31.06	-15.66
		18 GHz to 28 GHz	-46.36	-46.67	-45.60	-47.20	-31.06	-14.54
	16	9 kHz to 150 kHz	-72.83	-72.02	-71.16	-68.23	-61.06	-7.17
		150 kHz to 30 MHz	-56.65	-57.42	-56.19	-61.79	-51.06	-5.13
		30 MHz to 1 GHz	-53.90	-54.12	-53.68	-54.62	-31.06	-22.62
		1GHz to 2.450 GHz	-50.19	-50.68	-50.91	-50.78	-31.06	-19.13
		2.450 GHz to 2.495 GHz	-46.06	-46.31	-46.52	-46.07	-41.06	-5.00
		2.691 GHz to 2.750 GHz	-44.99	-45.81	-45.67	-45.35	-41.06	-3.93
		2.750 GHz to 6.2 GHz	-39.86	-39.98	-39.47	-36.63	-31.06	-5.57
		6.2 GHz to 18 GHz	-47.33	-48.13	-48.03	-46.94	-31.06	-15.88
		18 GHz to 28 GHz	-47.01	-47.12	-47.20	-46.23	-31.06	-15.17
		9 kHz to 150 kHz	-72.64	-71.43	-72.59	-65.55	-61.06	-4.49
	17	150 kHz to 30 MHz	-56.18	-57.24	-57.34	-61.65	-51.06	-5.12
		30 MHz to 1 GHz	-53.87	-54.18	-53.44	-55.08	-31.06	-22.38
		1GHz to 2.450 GHz	-51.22	-51.07	-51.21	-51.15	-31.06	-20.01
		2.450 GHz to 2.495 GHz	-46.06	-46.95	-46.59	-46.78	-41.06	-5.00
		2.691 GHz to 2.750 GHz	-45.56	-46.16	-45.89	-45.77	-41.06	-4.50
		2.750 GHz to 6.2 GHz	-37.84	-38.58	-38.80	-35.86	-31.06	-4.80
		6.2 GHz to 18 GHz	-48.13	-47.31	-47.33	-47.72	-31.06	-16.25
		18 GHz to 28 GHz	-46.48	-47.59	-46.41	-46.65	-31.06	-15.35
		9 kHz to 150 kHz	-72.98	-73.79	-72.35	-67.64	-61.06	-6.58
	18	150 kHz to 30 MHz	-57.37	-56.53	-57.16	-62.08	-51.06	-5.47
		30 MHz to 1 GHz	-54.98	-54.38	-54.37	-54.16	-31.06	-23.10
		1GHz to 2.450 GHz	-50.52	-51.78	-50.91	-51.89	-31.06	-19.46
		2.450 GHz to 2.495 GHz	-46.30	-46.71	-46.99	-46.74	-41.06	-5.24
		2.691 GHz to 2.750 GHz	-45.44	-45.63	-45.80	-45.59	-41.06	-4.38
		2.750 GHz to 6.2 GHz	-39.40	-37.52	-36.76	-35.41	-31.06	-4.35
		6.2 GHz to 18 GHz	-47.49	-47.14	-46.84	-47.23	-31.06	-15.78
		18 GHz to 28 GHz	-46.62	-46.95	-46.91	-46.89	-31.06	-15.56
		9 kHz to 150 kHz	-72.48	-73.01	-70.65	-70.09	-61.06	-9.03
	19	150 kHz to 30 MHz	-57.24	-59.11	-57.39	-61.96	-51.06	-6.18
		30 MHz to 1 GHz	-55.19	-54.99	-54.96	-54.67	-31.06	-23.61
		1GHz to 2.450 GHz	-51.70	-50.58	-50.70	-51.26	-31.06	-19.52
		2.450 GHz to 2.495 GHz	-45.68	-46.77	-46.41	-46.58	-41.06	-4.62
		2.691 GHz to 2.750 GHz	-45.60	-46.03	-45.94	-46.17	-41.06	-4.54
		2.750 GHz to 6.2 GHz	-32.32	-32.49	-33.27	-35.19	-31.06	-1.26
		6.2 GHz to 18 GHz	-47.29	-47.53	-47.44	-47.30	-31.06	-16.23
		18 GHz to 28 GHz	-45.32	-46.79	-47.15	-46.70	-31.06	-14.26
		9 kHz to 150 kHz	-71.63	-72.24	-72.07	-70.39	-61.06	-9.33
	20	150 kHz to 30 MHz	-56.21	-57.63	-57.94	-59.81	-51.06	-5.15
		30 MHz to 1 GHz	-54.07	-54.75	-53.95	-54.62	-31.06	-22.89
		1GHz to 2.450 GHz	-50.70	-50.93	-50.23	-51.16	-31.06	-19.17
		2.450 GHz to 2.495 GHz	-45.42	-46.29	-46.75	-45.82	-41.06	-4.36
		2.691 GHz to 2.750 GHz	-44.48	-45.28	-45.73	-45.29	-41.06	-3.42
		2.750 GHz to 6.2 GHz	-39.35	-38.34	-36.80	-39.56	-31.06	-5.74

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		6.2 GHz to 18 GHz	-47.75	-47.26	-48.09	-47.90	-31.06	-16.20
		18 GHz to 28 GHz	-45.92	-46.41	-45.25	-46.78	-31.06	-14.19
	21	9 kHz to 150 kHz	-71.99	-73.30	-72.49	-71.23	-61.06	-10.17
		150 kHz to 30 MHz	-56.40	-57.66	-57.76	-62.02	-51.06	-5.34
		30 MHz to 1 GHz	-54.11	-54.94	-54.43	-54.79	-31.06	-23.05
		1GHz to 2.450 GHz	-51.35	-50.46	-51.72	-51.07	-31.06	-19.40
		2.450 GHz to 2.495 GHz	-46.15	-46.67	-46.59	-46.39	-41.06	-5.09
		2.691 GHz to 2.750 GHz	-45.07	-45.68	-45.56	-45.04	-41.06	-3.98
		2.750 GHz to 6.2 GHz	-39.45	-38.84	-36.51	-35.30	-31.06	-4.24
		6.2 GHz to 18 GHz	-47.66	-47.28	-47.97	-47.36	-31.06	-16.22
		18 GHz to 28 GHz	-46.26	-47.48	-46.68	-47.01	-31.06	-15.20
		9 kHz to 150 kHz	-71.51	-73.01	-72.80	-70.27	-61.06	-9.21
	22	150 kHz to 30 MHz	-57.10	-58.87	-57.82	-63.03	-51.06	-6.04
		30 MHz to 1 GHz	-54.37	-52.63	-54.41	-54.88	-31.06	-21.57
		1GHz to 2.450 GHz	-50.64	-51.30	-51.54	-51.75	-31.06	-19.58
		2.450 GHz to 2.495 GHz	-45.70	-47.06	-47.22	-46.93	-41.06	-4.64
		2.691 GHz to 2.750 GHz	-46.18	-46.77	-46.67	-46.39	-41.06	-5.12
		2.750 GHz to 6.2 GHz	-37.82	-37.31	-36.46	-33.92	-31.06	-2.86
		6.2 GHz to 18 GHz	-46.92	-47.11	-47.32	-47.84	-31.06	-15.86
		18 GHz to 28 GHz	-46.72	-46.37	-46.59	-46.75	-31.06	-15.31
	23	9 kHz to 150 kHz	-70.65	-72.36	-73.38	-73.41	-61.06	-9.59
		150 kHz to 30 MHz	-57.64	-57.40	-58.08	-63.38	-51.06	-6.34
		30 MHz to 1 GHz	-54.52	-53.97	-54.71	-54.69	-31.06	-22.91
		1GHz to 2.450 GHz	-50.69	-50.15	-50.44	-51.95	-31.06	-19.09
		2.450 GHz to 2.495 GHz	-45.37	-46.38	-46.20	-45.50	-41.06	-4.31
		2.691 GHz to 2.750 GHz	-45.45	-45.84	-45.80	-45.67	-41.06	-4.39
		2.750 GHz to 6.2 GHz	-33.52	-35.25	-35.97	-35.44	-31.06	-2.46
		6.2 GHz to 18 GHz	-46.83	-46.98	-47.91	-47.56	-31.06	-15.77
	24	18 GHz to 28 GHz	-46.76	-46.73	-46.93	-45.92	-31.06	-14.86
		9 kHz to 150 kHz	-72.75	-74.30	-71.31	-70.56	-61.06	-9.50
		150 kHz to 30 MHz	-58.07	-58.07	-57.86	-63.45	-51.06	-6.80
		30 MHz to 1 GHz	-53.23	-54.31	-53.40	-53.92	-31.06	-22.17
		1GHz to 2.450 GHz	-50.95	-50.52	-51.15	-50.16	-31.06	-19.10
		2.450 GHz to 2.495 GHz	-45.32	-46.10	-46.06	-45.67	-41.06	-4.26
		2.691 GHz to 2.750 GHz	-44.65	-45.62	-45.77	-44.95	-41.06	-3.59
		2.750 GHz to 6.2 GHz	-36.29	-35.64	-35.65	-38.01	-31.06	-4.58
	25	6.2 GHz to 18 GHz	-47.70	-47.81	-48.07	-47.68	-31.06	-16.62
		18 GHz to 28 GHz	-46.99	-46.77	-46.41	-47.19	-31.06	-15.35
		9 kHz to 150 kHz	-73.20	-72.65	-70.92	-70.47	-61.06	-9.41
		150 kHz to 30 MHz	-56.04	-57.01	-58.38	-62.16	-51.06	-4.98
		30 MHz to 1 GHz	-53.41	-54.57	-53.42	-54.55	-31.06	-22.35
		1GHz to 2.450 GHz	-51.03	-51.05	-50.91	-50.34	-31.06	-19.28
		2.450 GHz to 2.495 GHz	-45.77	-46.32	-46.51	-46.29	-41.06	-4.71
		2.691 GHz to 2.750 GHz	-44.74	-45.43	-45.50	-44.88	-41.06	-3.68
		2.750 GHz to 6.2 GHz	-37.98	-37.22	-34.14	-35.36	-31.06	-3.08

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		6.2 GHz to 18 GHz	-48.36	-47.46	-47.66	-47.85	-31.06	-16.40
		18 GHz to 28 GHz	-46.38	-47.56	-46.76	-47.31	-31.06	-15.32
	26	9 kHz to 150 kHz	-71.35	-74.10	-73.93	-71.03	-61.06	-9.97
		150 kHz to 30 MHz	-56.55	-58.60	-58.26	-60.22	-51.06	-5.49
		30 MHz to 1 GHz	-54.32	-54.44	-54.40	-54.67	-31.06	-23.26
		1GHz to 2.450 GHz	-50.06	-51.24	-51.20	-50.89	-31.06	-19.00
		2.450 GHz to 2.495 GHz	-45.53	-46.15	-46.17	-46.16	-41.06	-4.47
		2.691 GHz to 2.750 GHz	-45.23	-45.47	-45.42	-45.11	-41.06	-4.05
		2.750 GHz to 6.2 GHz	-39.70	-38.78	-35.92	-34.47	-31.06	-3.41
		6.2 GHz to 18 GHz	-47.78	-48.25	-47.78	-47.46	-31.06	-16.40
		18 GHz to 28 GHz	-47.41	-46.52	-46.73	-46.02	-31.06	-14.96
		9 kHz to 150 kHz	-71.55	-72.69	-72.41	-71.68	-61.06	-10.49
	27	150 kHz to 30 MHz	-56.95	-57.81	-58.28	-59.16	-51.06	-5.89
		30 MHz to 1 GHz	-53.45	-54.24	-54.21	-54.59	-31.06	-22.39
		1GHz to 2.450 GHz	-50.63	-50.01	-50.16	-50.41	-31.06	-18.95
		2.450 GHz to 2.495 GHz	-44.65	-45.68	-45.70	-45.82	-41.06	-3.59
		2.691 GHz to 2.750 GHz	-44.12	-44.98	-44.87	-44.46	-41.06	-3.06
		2.750 GHz to 6.2 GHz	-35.04	-34.82	-35.69	-37.04	-31.06	-3.76
		6.2 GHz to 18 GHz	-47.27	-46.91	-47.54	-47.49	-31.06	-15.85
		18 GHz to 28 GHz	-47.39	-47.31	-46.27	-47.19	-31.06	-15.21
		9 kHz to 150 kHz	-72.63	-72.60	-71.91	-68.86	-61.06	-7.80
	28	150 kHz to 30 MHz	-56.74	-56.82	-58.44	-59.83	-51.06	-5.68
		30 MHz to 1 GHz	-54.18	-54.63	-54.05	-54.06	-31.06	-22.99
		1GHz to 2.450 GHz	-51.46	-49.92	-50.98	-50.99	-31.06	-18.86
		2.450 GHz to 2.495 GHz	-44.88	-46.47	-46.44	-45.79	-41.06	-3.82
		2.691 GHz to 2.750 GHz	-45.08	-46.12	-46.04	-45.54	-41.06	-4.02
		2.750 GHz to 6.2 GHz	-37.29	-37.29	-40.04	-40.27	-31.06	-6.23
		6.2 GHz to 18 GHz	-47.97	-47.88	-47.83	-47.44	-31.06	-16.38
		18 GHz to 28 GHz	-46.75	-46.20	-46.63	-47.06	-31.06	-15.14
		9 kHz to 150 kHz	-73.72	-72.95	-71.41	-70.05	-61.06	-8.99
	29	150 kHz to 30 MHz	-55.52	-56.85	-57.96	-60.48	-51.06	-4.46
		30 MHz to 1 GHz	-54.35	-54.07	-54.26	-54.53	-31.06	-23.01
		1GHz to 2.450 GHz	-51.63	-51.01	-50.52	-51.39	-31.06	-19.46
		2.450 GHz to 2.495 GHz	-45.83	-46.54	-46.40	-46.16	-41.06	-4.77
		2.691 GHz to 2.750 GHz	-45.24	-46.11	-46.24	-45.57	-41.06	-4.18
		2.750 GHz to 6.2 GHz	-34.99	-34.44	-35.47	-35.92	-31.06	-3.38
		6.2 GHz to 18 GHz	-47.15	-47.54	-46.81	-48.13	-31.06	-15.75
		18 GHz to 28 GHz	-46.92	-45.87	-46.46	-46.34	-31.06	-14.81
		9 kHz to 150 kHz	-72.57	-72.26	-72.89	-72.23	-61.06	-11.17
	30	150 kHz to 30 MHz	-56.47	-57.13	-56.49	-60.04	-51.06	-5.41
		30 MHz to 1 GHz	-54.16	-54.11	-54.03	-53.74	-31.06	-22.68
		1GHz to 2.450 GHz	-51.49	-51.47	-51.16	-51.43	-31.06	-20.10
		2.450 GHz to 2.495 GHz	-45.68	-46.31	-46.16	-46.16	-41.06	-4.61
		2.691 GHz to 2.750 GHz	-46.38	-46.46	-46.45	-46.05	-41.06	-4.99
		2.750 GHz to 6.2 GHz	-39.17	-37.28	-34.53	-33.30	-31.06	-2.24

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		6.2 GHz to 18 GHz	-47.40	-47.68	-47.38	-47.68	-31.06	-16.32
		18 GHz to 28 GHz	-47.24	-46.34	-47.09	-47.72	-31.06	-15.28
	31	9 kHz to 150 kHz	-72.37	-71.78	-71.60	-70.33	-61.06	-9.27
		150 kHz to 30 MHz	-55.96	-57.23	-58.22	-59.98	-51.06	-4.90
		30 MHz to 1 GHz	-54.48	-54.87	-53.53	-54.97	-31.06	-22.47
		1GHz to 2.450 GHz	-51.12	-50.58	-49.71	-50.53	-31.06	-18.65
		2.450 GHz to 2.495 GHz	-45.29	-45.82	-45.91	-46.06	-41.06	-4.23
		2.691 GHz to 2.750 GHz	-44.93	-45.45	-45.19	-44.73	-41.06	-3.67
		2.750 GHz to 6.2 GHz	-32.79	-33.47	-32.77	-32.94	-31.06	-1.71
		6.2 GHz to 18 GHz	-47.46	-47.70	-47.97	-47.48	-31.06	-16.40
		18 GHz to 28 GHz	-47.01	-47.20	-46.62	-46.92	-31.06	-15.56
		9 kHz to 150 kHz	-71.74	-72.06	-72.37	-69.78	-61.06	-8.72
	32	150 kHz to 30 MHz	-55.87	-57.56	-58.04	-59.01	-51.06	-4.81
		30 MHz to 1 GHz	-54.32	-54.72	-54.06	-53.94	-31.06	-22.88
		1GHz to 2.450 GHz	-51.19	-50.36	-50.49	-50.72	-31.06	-19.30
		2.450 GHz to 2.495 GHz	-45.26	-44.99	-45.81	-43.46	-41.06	-2.40
		2.691 GHz to 2.750 GHz	-44.71	-44.83	-44.86	-42.62	-41.06	-1.56
		2.750 GHz to 6.2 GHz	-33.49	-33.56	-34.16	-35.98	-31.06	-2.43
		6.2 GHz to 18 GHz	-47.65	-47.92	-47.01	-48.10	-31.06	-15.95
		18 GHz to 28 GHz	-46.63	-46.52	-46.70	-47.20	-31.06	-15.46
	33	9 kHz to 150 kHz	-73.68	-71.04	-72.04	-68.64	-61.06	-7.58
		150 kHz to 30 MHz	-56.56	-56.13	-56.76	-59.42	-51.06	-5.07
		30 MHz to 1 GHz	-54.69	-53.93	-53.17	-53.98	-31.06	-22.11
		1GHz to 2.450 GHz	-51.04	-50.74	-51.56	-50.90	-31.06	-19.68
		2.450 GHz to 2.495 GHz	-45.67	-46.33	-46.00	-44.21	-41.06	-3.15
		2.691 GHz to 2.750 GHz	-45.39	-45.30	-45.20	-43.17	-41.06	-2.11
		2.750 GHz to 6.2 GHz	-38.84	-37.16	-37.15	-39.20	-31.06	-6.09
		6.2 GHz to 18 GHz	-48.31	-47.88	-47.70	-46.99	-31.06	-15.93
	34	18 GHz to 28 GHz	-47.11	-46.75	-46.13	-46.55	-31.06	-15.07
		9 kHz to 150 kHz	-69.35	-70.74	-72.89	-69.76	-61.06	-8.29
		150 kHz to 30 MHz	-55.94	-57.54	-58.09	-59.65	-51.06	-4.88
		30 MHz to 1 GHz	-53.91	-54.03	-54.37	-54.34	-31.06	-22.85
		1GHz to 2.450 GHz	-51.38	-51.46	-50.84	-50.82	-31.06	-19.76
		2.450 GHz to 2.495 GHz	-45.43	-46.41	-46.43	-46.09	-41.06	-4.37
		2.691 GHz to 2.750 GHz	-44.65	-44.66	-44.54	-44.40	-41.06	-3.34
		2.750 GHz to 6.2 GHz	-38.94	-38.77	-37.57	-36.61	-31.06	-5.55
	35	6.2 GHz to 18 GHz	-47.15	-48.27	-48.26	-47.93	-31.06	-16.09
		18 GHz to 28 GHz	-46.68	-45.97	-46.70	-46.75	-31.06	-14.91
		9 kHz to 150 kHz	-69.84	-71.45	-70.80	-68.64	-61.06	-7.58
		150 kHz to 30 MHz	-55.74	-57.35	-56.74	-59.25	-51.06	-4.68
		30 MHz to 1 GHz	-53.85	-53.61	-52.92	-52.52	-31.06	-21.46
		1GHz to 2.450 GHz	-51.46	-49.95	-49.54	-50.19	-31.06	-18.48
		2.450 GHz to 2.495 GHz	-44.49	-45.97	-45.65	-45.90	-41.06	-3.43
		2.691 GHz to 2.750 GHz	-44.38	-44.70	-44.61	-44.30	-41.06	-3.24
		2.750 GHz to 6.2 GHz	-35.92	-36.42	-36.25	-36.11	-31.06	-4.86

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		6.2 GHz to 18 GHz	-48.17	-47.95	-47.50	-47.36	-31.06	-16.30
		18 GHz to 28 GHz	-47.33	-46.73	-46.71	-46.40	-31.06	-15.34
	36	9 kHz to 150 kHz	-70.37	-70.95	-73.18	-68.94	-61.06	-7.88
		150 kHz to 30 MHz	-57.94	-56.71	-58.28	-57.04	-51.06	-5.65
		30 MHz to 1 GHz	-53.95	-53.34	-54.37	-53.34	-31.06	-22.28
		1GHz to 2.450 GHz	-50.01	-50.64	-50.13	-49.57	-31.06	-18.51
		2.450 GHz to 2.495 GHz	-45.17	-45.57	-45.94	-45.96	-41.06	-4.11
		2.691 GHz to 2.750 GHz	-44.96	-45.60	-45.46	-45.45	-41.06	-3.90
		2.750 GHz to 6.2 GHz	-34.05	-33.40	-33.77	-34.87	-31.06	-2.34
		6.2 GHz to 18 GHz	-47.80	-47.82	-47.63	-47.83	-31.06	-16.57
		18 GHz to 28 GHz	-47.03	-46.94	-46.73	-46.54	-31.06	-15.48
		9 kHz to 150 kHz	-72.14	-71.55	-71.75	-69.47	-61.06	-8.41
	37	150 kHz to 30 MHz	-57.41	-56.64	-56.45	-60.70	-51.06	-5.39
		30 MHz to 1 GHz	-53.70	-53.76	-53.26	-54.29	-31.06	-22.20
		1GHz to 2.450 GHz	-52.17	-50.33	-50.37	-51.53	-31.06	-19.27
		2.450 GHz to 2.495 GHz	-44.78	-46.87	-46.61	-45.44	-41.06	-3.72
		2.691 GHz to 2.750 GHz	-44.58	-45.22	-45.12	-43.17	-41.06	-2.11
		2.750 GHz to 6.2 GHz	-40.34	-38.62	-38.20	-36.43	-31.06	-5.37
		6.2 GHz to 18 GHz	-47.81	-47.92	-46.86	-48.03	-31.06	-15.80
		18 GHz to 28 GHz	-46.98	-46.68	-45.83	-46.80	-31.06	-14.77
	38	9 kHz to 150 kHz	-71.43	-71.36	-72.98	-70.11	-61.06	-9.05
		150 kHz to 30 MHz	-56.38	-55.66	-57.09	-60.36	-51.06	-4.60
		30 MHz to 1 GHz	-53.49	-54.07	-52.89	-53.98	-31.06	-21.83
		1GHz to 2.450 GHz	-51.21	-50.70	-50.63	-51.48	-31.06	-19.57
		2.450 GHz to 2.495 GHz	-45.45	-46.04	-46.16	-45.93	-41.06	-4.39
		2.691 GHz to 2.750 GHz	-45.29	-45.77	-45.49	-45.40	-41.06	-4.23
		2.750 GHz to 6.2 GHz	-37.65	-36.40	-36.83	-36.94	-31.06	-5.34
		6.2 GHz to 18 GHz	-48.09	-47.94	-47.46	-47.93	-31.06	-16.40
	39	18 GHz to 28 GHz	-46.56	-46.19	-46.79	-47.50	-31.06	-15.13
		9 kHz to 150 kHz	-71.44	-71.58	-71.91	-68.48	-61.06	-7.42
		150 kHz to 30 MHz	-57.39	-57.29	-58.66	-60.24	-51.06	-6.23
		30 MHz to 1 GHz	-53.90	-54.13	-53.98	-53.82	-31.06	-22.76
		1GHz to 2.450 GHz	-50.69	-50.49	-51.03	-51.36	-31.06	-19.43
		2.450 GHz to 2.495 GHz	-44.68	-46.41	-46.37	-46.27	-41.06	-3.62
		2.691 GHz to 2.750 GHz	-44.79	-45.52	-45.33	-45.28	-41.06	-3.73
		2.750 GHz to 6.2 GHz	-39.19	-38.73	-38.84	-39.32	-31.06	-7.67
	40	6.2 GHz to 18 GHz	-46.90	-47.89	-47.74	-46.88	-31.06	-15.82
		18 GHz to 28 GHz	-46.35	-47.30	-47.02	-47.05	-31.06	-15.29
		9 kHz to 150 kHz	-71.69	-74.07	-72.97	-70.43	-61.06	-9.37
		150 kHz to 30 MHz	-55.98	-57.04	-57.51	-60.25	-51.06	-4.92
		30 MHz to 1 GHz	-53.98	-54.09	-54.00	-54.50	-31.06	-22.92
		1GHz to 2.450 GHz	-51.05	-49.93	-50.89	-50.51	-31.06	-18.87
		2.450 GHz to 2.495 GHz	-44.87	-46.16	-46.07	-45.62	-41.06	-3.81
		2.691 GHz to 2.750 GHz	-45.21	-45.78	-45.86	-45.12	-41.06	-4.06
		2.750 GHz to 6.2 GHz	-40.74	-40.14	-36.40	-33.06	-31.06	-2.00