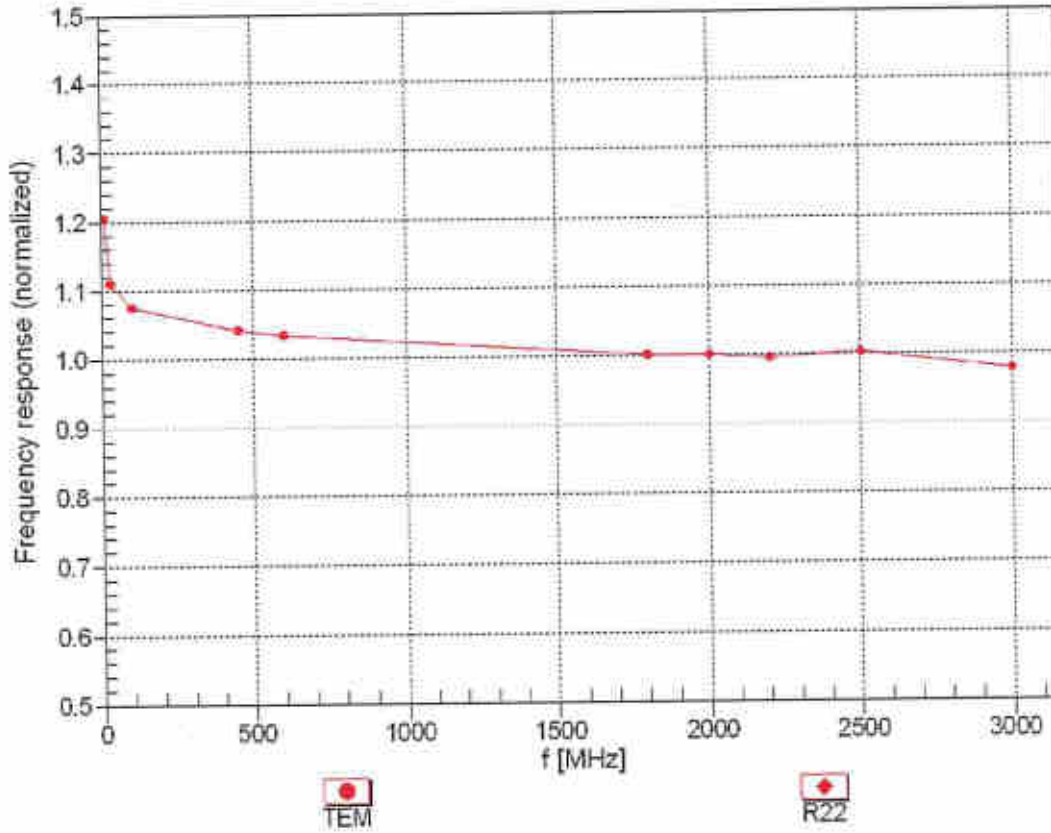


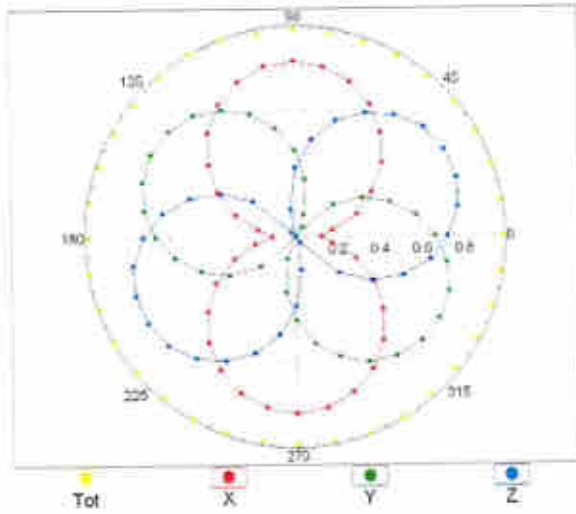
Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



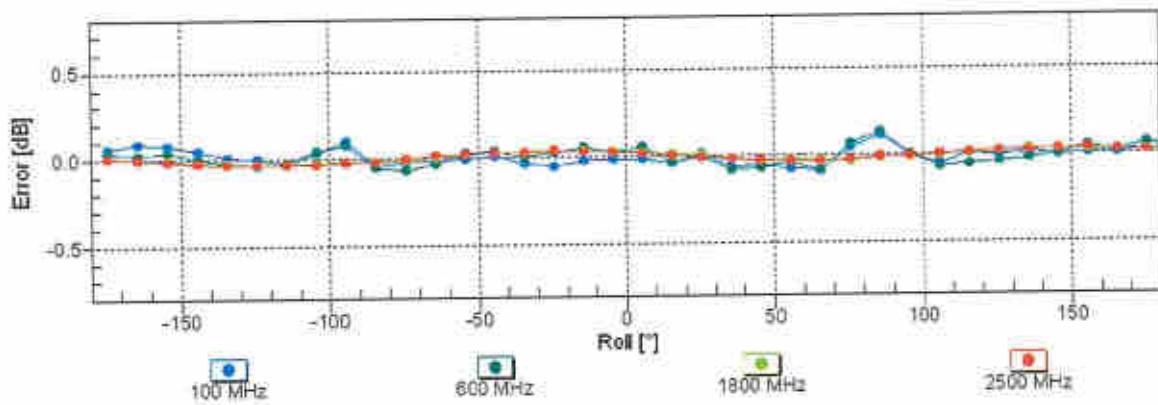
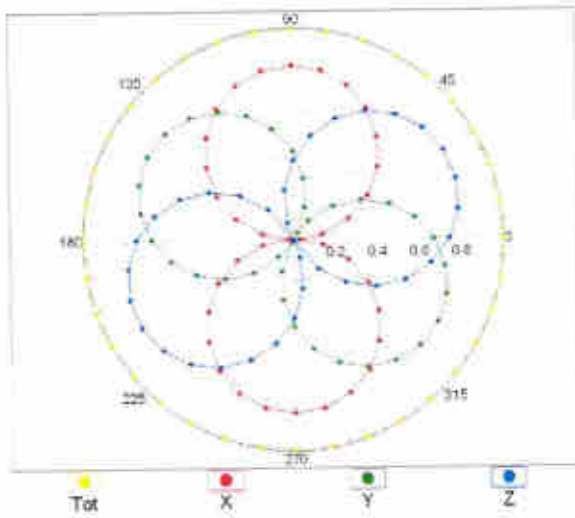
Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ (k=2)

Receiving Pattern (ϕ), $\theta = 0^\circ$

f=600 MHz,TEM

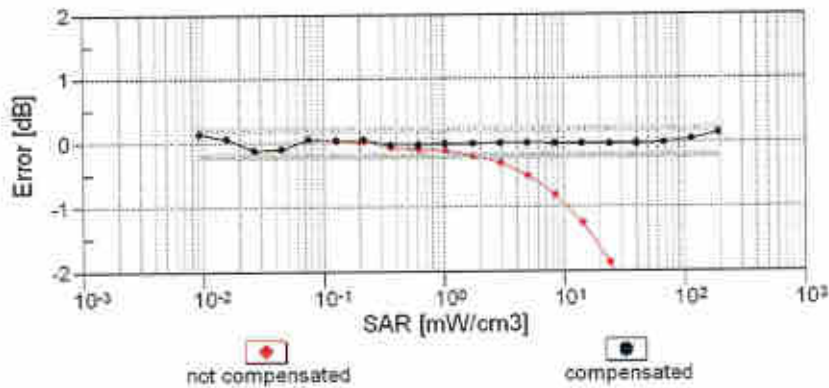
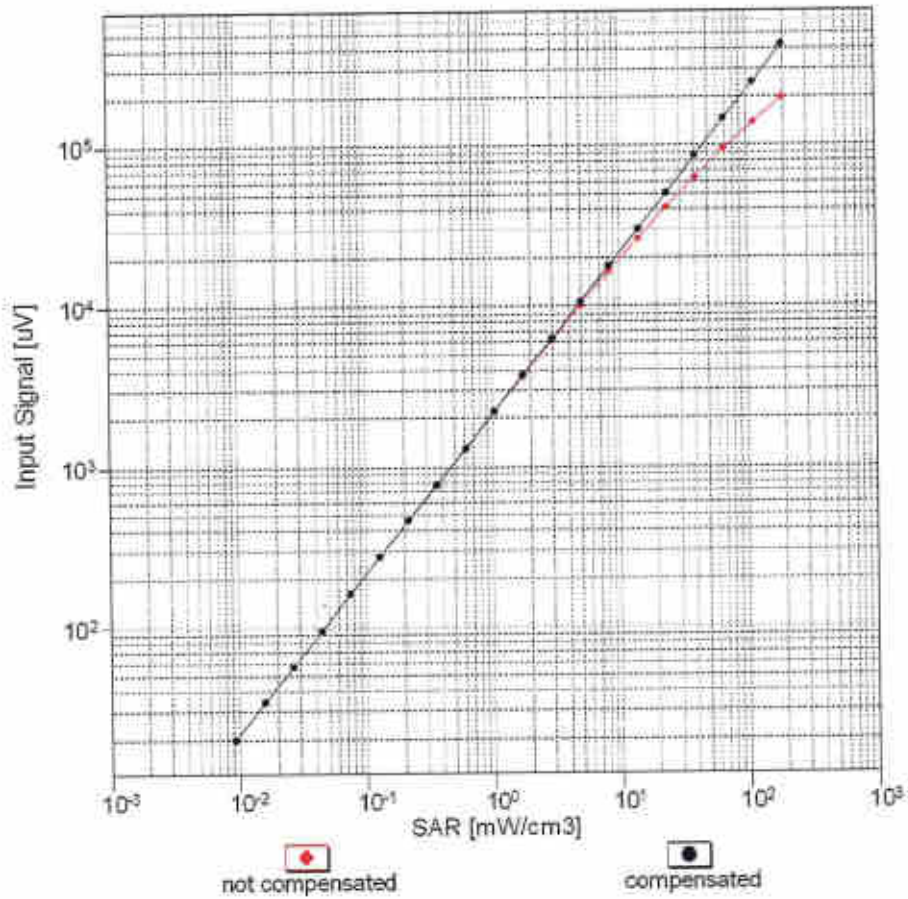


f=1800 MHz,R22



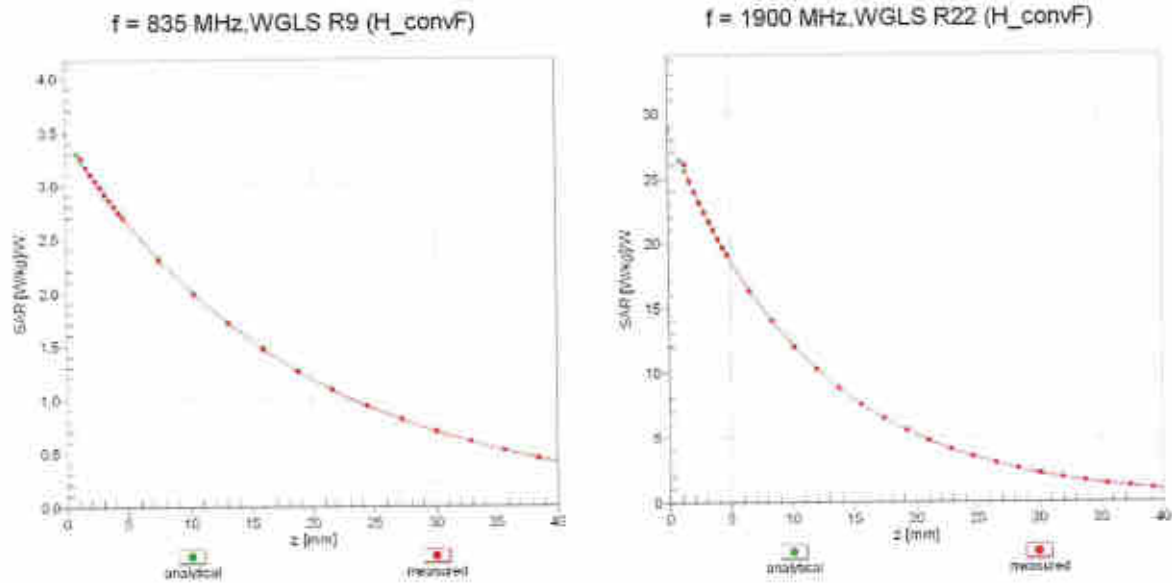
Uncertainty of Axial Isotropy Assessment: $\pm 0.5\%$ ($k=2$)

Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)

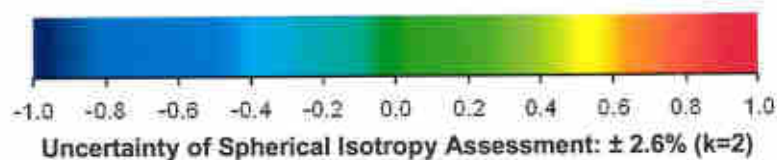
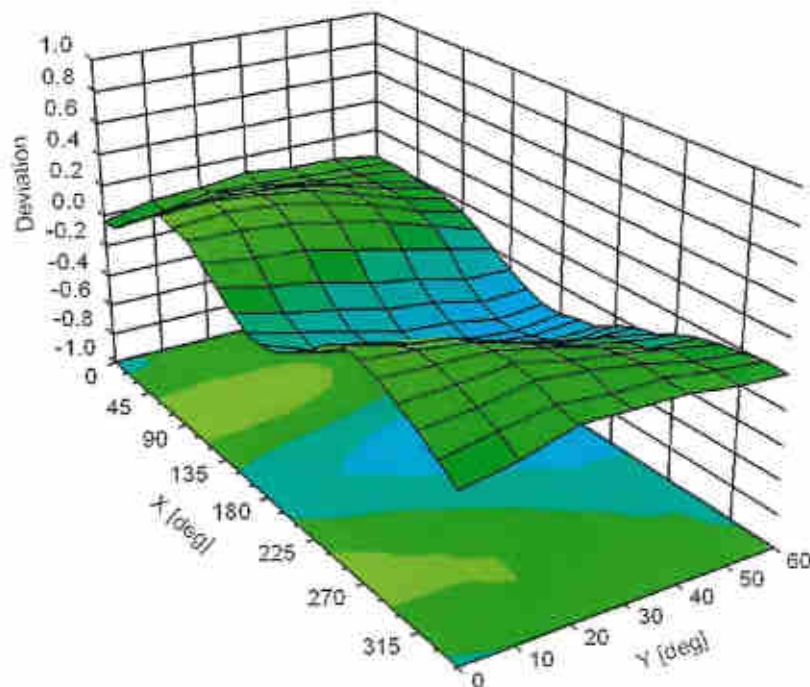


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid Error (ϕ, θ), f = 900 MHz





Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.



Full Power

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	128	189	251	128	189	251	128	189
Frequency (MHz)	852.2	853.4	859.8	852.2	853.4	859.8	852.2	853.4
GSM 1 Tx slot	32.72	32.61	32.49	34.00	23.72	23.61	23.49	25.00
GPRS 1 Tx slot	32.71	32.59	32.50	34.00	23.71	23.59	23.50	25.00
GPRS 2 Tx slots	30.49	30.37	30.38	32.00	24.49	24.37	24.38	26.00
GPRS 3 Tx slots	29.32	29.20	29.32	31.00	25.06	24.94	25.06	26.74
GPRS 4 Tx slots	28.19	28.18	28.15	30.00	25.19	25.18	25.15	27.00
EDGE 1 Tx slot	26.34	26.32	26.25	28.00	17.34	17.32	17.25	19.00
EDGE 2 Tx slots	24.77	24.78	24.71	26.00	18.77	18.78	18.71	20.00
EDGE 3 Tx slots	23.67	23.75	23.63	25.00	19.41	19.49	19.37	20.74
EDGE 4 Tx slots	22.47	22.55	22.62	24.00	19.47	19.55	19.62	21.00

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	512 <td>661 <td>810 <td>512 <td>661 <td>810 <td>512 <td>661 </td></td></td></td></td></td></td>	661 <td>810 <td>512 <td>661 <td>810 <td>512 <td>661 </td></td></td></td></td></td>	810 <td>512 <td>661 <td>810 <td>512 <td>661 </td></td></td></td></td>	512 <td>661 <td>810 <td>512 <td>661 </td></td></td></td>	661 <td>810 <td>512 <td>661 </td></td></td>	810 <td>512 <td>661 </td></td>	512 <td>661 </td>	661
Frequency (MHz)	1852.2	1853	1859.8	1852.2	1853	1859.8	1852.2	1853
GSM 1 Tx slot	30.81	30.68	30.53	31.00	21.81	21.66	21.53	22.00
GPRS 1 Tx slot	30.79	30.64	30.52	31.00	21.79	21.64	21.52	22.00
GPRS 2 Tx slots	28.72	28.38	28.53	29.00	22.72	22.38	22.53	23.00
GPRS 3 Tx slots	27.38	26.96	27.28	28.00	23.12	22.70	23.02	23.74
GPRS 4 Tx slots	26.33	26.44	26.45	27.00	23.33	23.44	23.45	24.00
EDGE 1 Tx slot	25.54	25.23	25.48	27.00	16.54	16.23	16.48	18.00
EDGE 2 Tx slots	23.81	23.61	23.82	25.00	17.81	17.61	17.82	19.00
EDGE 3 Tx slots	22.55	22.45	22.57	24.00	18.29	18.19	18.31	19.74
EDGE 4 Tx slots	21.33	21.09	21.29	23.00	18.33	18.09	18.29	20.00

Band	WCDMA #	Tx Channel	Rx Channel	Frequency (MHz)	Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
						1512	1413	1513		4132	4182	4233	
						1537	1538	1738		4357	4407	4458	
						1712.4	1712.6	1752.6		436.4	436.4	446.6	
3GPP Rel 99	AMR 12.2Kbps	23.54	23.65	23.55	24.50	23.48	23.70	23.78	24.50	23.31	23.44	23.51	24.50
3GPP Rel 99	RMC 12.2Kbps	23.55	23.68	23.58	24.50	23.50	23.71	23.81	24.50	23.33	23.45	23.52	24.50
3GPP Rel 6	HSDPA Subtest-1	23.15	23.46	23.40	24.00	23.12	23.20	23.22	24.00	23.08	23.18	23.06	24.00
3GPP Rel 6	HSDPA Subtest-2	23.23	23.44	23.37	24.00	23.13	23.19	23.22	24.00	23.08	23.15	23.05	24.00
3GPP Rel 6	HSDPA Subtest-3	22.81	22.96	22.89	23.50	22.64	22.71	22.75	23.50	22.58	22.66	22.55	23.50
3GPP Rel 6	HSDPA Subtest-4	22.88	22.96	22.89	23.50	22.64	22.71	22.75	23.50	22.59	22.66	22.55	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.12	23.31	23.41	24.00	23.19	23.19	23.05	24.00	23.06	23.17	22.98	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.18	23.28	23.31	24.00	23.15	23.19	23.01	24.00	23.03	23.14	22.97	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.72	22.82	22.95	23.50	22.70	22.72	22.57	23.50	22.56	22.61	22.45	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.85	22.90	22.91	23.50	22.68	22.71	22.56	23.50	22.57	22.65	22.47	23.50
3GPP Rel 6	HSUPA Subtest-1	23.58	22.89	22.85	24.00	22.75	23.16	22.89	24.00	22.92	22.52	22.51	24.00
3GPP Rel 6	HSUPA Subtest-2	21.19	21.40	21.12	22.00	21.02	21.01	21.34	22.00	21.01	21.07	21.08	22.00
3GPP Rel 6	HSUPA Subtest-3	21.81	22.13	22.08	23.00	21.60	21.76	21.72	23.00	21.73	21.71	21.69	23.00
3GPP Rel 6	HSUPA Subtest-4	21.19	21.34	21.10	22.00	21.03	21.04	21.02	22.00	21.02	21.01	21.07	22.00
3GPP Rel 6	HSUPA Subtest-5	23.20	23.40	23.20	24.00	23.00	23.10	23.00	24.00	23.00	23.10	23.10	24.00



Band 2 (1900MHz Band)									
Part 24E									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				18600	18800	19000			
20	QPSK	1	0	24.25	24.35	24.29	24.5	0	
20	QPSK	1	49	24.21	24.22	24.11			
20	QPSK	1	99	24.21	24.07	24.07			
20	QPSK	50	0	23.33	23.42	23.23	23.5	1	
20	QPSK	50	24	23.26	23.32	23.39			
20	QPSK	50	50	23.22	23.29	23.25			
20	QPSK	100	0	23.18	23.39	23.38	23.5	1	
20	16QAM	1	0	22.75	23.01	23.15			
20	16QAM	1	49	23.18	23.09	23.25			
20	16QAM	1	99	22.95	22.88	22.89	22.5	2	
20	16QAM	50	0	21.99	21.68	21.74			
20	16QAM	50	24	21.87	21.75	21.92			
20	16QAM	50	50	21.47	21.65	21.89	22.5	2	
20	16QAM	50	100	21.45	21.70	21.78			
20	16QAM	100	0	21.45	21.70	21.78			
Channel				18675	18900	19125			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	24.30	24.21	24.12	24.5	0	
15	QPSK	1	37	24.34	24.23	24.12			
15	QPSK	1	74	24.29	24.28	24.00			
15	QPSK	36	0	23.33	23.40	23.46	23.5	1	
15	QPSK	36	20	23.32	23.40	23.48			
15	QPSK	36	39	23.13	23.33	23.30			
15	16QAM	75	0	22.87	23.09	23.17	23.5	1	
15	16QAM	1	0	22.87	23.09	23.17			
15	16QAM	1	37	23.32	23.19	23.25			
15	16QAM	1	74	23.14	23.12	23.37	22.5	2	
15	16QAM	36	0	21.83	21.70	21.74			
15	16QAM	36	20	21.49	21.78	21.48			
15	16QAM	36	39	21.42	21.62	21.59	22.5	2	
15	16QAM	75	0	21.40	21.81	21.82			
15	16QAM	75	0	21.40	21.81	21.82			
Channel				18650	18900	19150			
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	24.27	24.11	24.18	24.5	0	
10	QPSK	1	25	24.34	24.32	24.14			
10	QPSK	1	49	24.24	24.12	24.04			
10	QPSK	25	0	23.25	23.43	23.41	23.5	1	
10	QPSK	25	12	23.45	23.41	23.33			
10	QPSK	25	25	23.34	23.31	23.30			
10	QPSK	50	0	23.31	23.32	23.38	23.5	1	
10	16QAM	1	0	23.42	23.08	22.93			
10	16QAM	1	25	23.41	22.96	23.07			
10	16QAM	1	49	23.00	23.03	22.97	22.5	2	
10	16QAM	25	0	21.49	21.80	21.76			
10	16QAM	25	12	21.80	21.77	21.68			
10	16QAM	25	25	21.58	21.65	21.82	22.5	2	
10	16QAM	50	0	21.57	21.59	21.66			
10	16QAM	50	0	21.57	21.59	21.66			
Channel				18625	18900	19175			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	24.09	24.54	24.10	24.5	0	
5	QPSK	1	12	24.23	24.35	24.11			
5	QPSK	1	24	23.91	24.25	24.31			
5	QPSK	12	0	23.06	23.26	23.32	23.5	1	
5	QPSK	12	7	23.14	23.39	23.43			
5	QPSK	12	13	23.08	23.28	23.29			
5	QPSK	25	0	23.18	23.33	23.23	23.5	1	
5	16QAM	1	0	23.12	22.92	22.74			
5	16QAM	1	12	23.21	23.16	23.03			
5	16QAM	1	24	23.15	23.12	23.08	22.5	2	
5	16QAM	12	0	22.14	22.32	22.34			
5	16QAM	12	7	22.32	22.32	22.12			
5	16QAM	12	13	22.27	22.23	22.34	22.5	2	
5	16QAM	25	0	22.42	22.44	22.33			
5	16QAM	25	0	22.42	22.44	22.33			
Channel				18615	18900	19185			
Frequency (MHz)				1851.5	1880	1909.5			
3	QPSK	1	0	24.01	23.99	24.15	24.5	0	
3	QPSK	1	8	23.88	24.04	23.85			
3	QPSK	1	14	24.17	23.84	23.95			
3	QPSK	8	0	22.77	22.96	23.07	23.5	1	
3	QPSK	8	4	22.83	23.10	23.08			
3	QPSK	8	7	22.79	23.02	22.99			
3	QPSK	15	0	22.90	23.05	23.02	23.5	1	
3	16QAM	1	0	23.23	23.43	23.31			
3	16QAM	1	8	23.04	23.12	23.25			
3	16QAM	1	14	23.01	23.39	23.34	22.5	2	
3	16QAM	8	0	21.86	22.17	22.15			
3	16QAM	8	4	21.88	22.03	22.13			
3	16QAM	8	7	21.99	22.11	22.08	22.5	2	
3	16QAM	15	0	21.80	22.16	22.14			
3	16QAM	15	0	21.80	22.16	22.14			
Channel				18607	18900	19193			
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	23.79	24.16	24.01	24.5	0	
1.4	QPSK	1	3	23.90	24.07	24.10			
1.4	QPSK	1	5	23.75	24.11	24.14			
1.4	QPSK	3	0	23.95	24.13	24.26	23.5	1	
1.4	QPSK	3	1	24.01	24.23	24.28			
1.4	QPSK	3	3	24.00	24.11	24.17			
1.4	QPSK	6	0	22.79	22.98	22.97	23.5	1	
1.4	16QAM	1	0	23.34	23.12	23.13			
1.4	16QAM	1	3	23.30	23.10	23.40			
1.4	16QAM	1	5	23.35	23.08	23.41	23.5	1	
1.4	16QAM	3	0	23.00	22.96	23.09			
1.4	16QAM	3	1	23.03	22.97	22.72			
1.4	16QAM	3	3	23.09	22.90	22.93	22.5	2	
1.4	16QAM	6	0	21.77	21.84	21.83			
1.4	16QAM	6	0	21.77	21.84	21.83			

Band 4 (AWS Band)									
Part 27L (only on channel required)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	24.11	24.30	24.18	24.5	0	
20	QPSK	1	49	23.87	24.04	24.10			
20	QPSK	1	99	24.00	23.91	24.01			
20	QPSK	50	0	23.14	23.25	23.24	23.5	1	
20	QPSK	50	24	23.19	23.10	23.17			
20	QPSK	50	50	23.21	23.09	22.93			
20	QPSK	100	0	23.12	23.17	23.16	23.5	1	
20	16QAM	1	0	22.91	22.72	22.87			
20	16QAM	1	49	23.03	23.05	22.69			
20	16QAM	1	99	22.91	23.01	22.69	22.5	2	
20	16QAM	50	0	22.22	22.30	22.29			
20	16QAM	50	24	22.27	22.09	22.24			
20	16QAM	50	50	22.30	22.17	22.10	22.5	2	
20	16QAM	50	100	22.18	22.24	22.21			
20	16QAM	100	0	22.18	22.24	22.21			
Channel				20025	20175	20325			
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	24.26	24.07	24.26	24.5	0	
15	QPSK	1	37	24.29	24.21	24.23			
15	QPSK	1	74	24.18	24.15	24.08			
15	QPSK	36	0	23.13	23.16	23.22	23.5	1	
15	QPSK	36	20	23.17	23.10	23.03			
15	QPSK	36	39	23.09	23.11	22.99			
15	16QAM	75	0	22.86	22.87	22.81	23.5	1	
15	16QAM	1	0	22.86	22.87	22.81			
15	16QAM	1	37	22.84	22.85	22.74			
15	16QAM	1	74	22.88	22.54	22.71	22.5	2	
15	16QAM	36	0	22.04	22.20	22.24			
15	16QAM	36	20	22.10	22.13	22.13			
15	16QAM	36	39	22.12	22.04	22.01	22.5	2	
15	16QAM	75	0	22.10	22.32	22.14			
15	16QAM	75	0	22.10	22.32	22.14			
Channel				20000	20175	20350			
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	24.23	23.80	23.97	24.5	0	
10	QPSK	1	25	24.04	23.94	23.99			
10	QPSK	1	49	24.28	23.81	23.99			
10	QPSK	25	0	23.11	23.03	23.10	23.5	1	
10	QPSK	25	12	23.12	23.00	22.96			
10	QPSK	25	25	23.04	23.02	22.96			
10	QPSK	50	0	23.17	23.07	23.00	23.5	1	
10	16QAM	1	0	22.85	22.63	22.93			
10	16QAM	1	25	22.88	23.01	22.84			
10	16QAM	1	49	22.73	23.03	22.77	22.5		



Band 12 (700MHz Low Band) Part 27F(only on channel required)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				2300	2305	2310			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.56	23.72	23.85	24.5	0	
10	QPSK	1	25	23.50	23.46	23.51			
10	QPSK	1	49	23.30	23.34	23.45			
10	QPSK	25	0	22.36	22.73	22.55	23.5	1	
10	QPSK	25	12	22.41	22.52	22.68			
10	QPSK	25	25	22.82	22.51	22.72			
10	QPSK	50	0	22.52	22.72	22.71	23.5	1	
10	16QAM	1	0	22.52	22.13	22.36			
10	16QAM	1	25	22.55	22.62	22.63			
10	16QAM	1	49	22.38	22.53	22.47	22.5	2	
10	16QAM	25	0	21.41	21.55	21.61			
10	16QAM	25	12	21.46	21.68	21.55			
10	16QAM	25	25	21.68	21.47	21.61	22.5	2	
10	16QAM	50	0	21.65	21.58	21.66			
Channel				2305	2305	2315			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.48	23.64	23.62	24.5	0	
5	QPSK	1	12	23.71	23.45	23.44			
5	QPSK	1	24	23.37	23.50	23.40			
5	QPSK	12	0	22.59	22.58	22.64	23.5	1	
5	QPSK	12	7	22.57	22.56	22.54			
5	QPSK	12	13	22.64	22.62	22.62			
5	QPSK	25	0	22.30	22.59	22.55	23.5	1	
5	16QAM	1	0	22.09	22.12	22.07			
5	16QAM	1	12	22.35	22.38	22.38			
5	16QAM	1	24	22.28	22.18	22.54	22.5	2	
5	16QAM	12	0	21.41	21.52	21.69			
5	16QAM	12	7	21.44	21.38	21.43			
5	16QAM	12	13	21.42	21.51	21.57	22.5	2	
5	16QAM	25	0	21.59	21.57	21.56			
Channel				2305	2305	2316			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.56	23.59	23.52	24.5	0	
3	QPSK	1	8	23.31	23.51	23.66			
3	QPSK	1	14	23.56	23.52	23.66			
3	QPSK	8	0	22.53	22.67	22.58	23.5	1	
3	QPSK	8	4	22.60	22.72	22.62			
3	QPSK	8	7	22.58	22.63	22.61			
3	QPSK	15	0	22.46	22.57	22.56	23.5	1	
3	16QAM	1	0	22.48	22.72	22.65			
3	16QAM	1	8	22.52	22.74	22.42			
3	16QAM	1	14	22.72	22.86	22.46	22.5	2	
3	16QAM	8	0	21.32	21.24	21.32			
3	16QAM	8	4	21.39	21.55	21.53			
3	16QAM	8	7	21.55	21.59	21.67	22.5	2	
3	16QAM	15	0	21.41	21.44	21.80			
Channel				2307	2305	2317			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.36	23.59	23.37	24.5	0	
1.4	QPSK	1	3	23.48	23.45	23.70			
1.4	QPSK	1	5	23.24	23.70	23.34			
1.4	QPSK	3	0	23.66	23.70	23.68	23.5	1	
1.4	QPSK	3	1	23.44	23.70	23.52			
1.4	QPSK	3	3	23.68	23.64	23.62			
1.4	QPSK	6	0	22.52	22.60	22.61	23.5	1	
1.4	16QAM	1	0	22.80	22.34	22.67			
1.4	16QAM	1	3	22.76	22.54	22.80			
1.4	16QAM	1	5	22.35	22.37	22.57	22.5	2	
1.4	16QAM	3	0	22.48	22.53	22.43			
1.4	16QAM	3	1	22.42	22.50	22.58			
1.4	16QAM	3	3	22.40	22.31	22.48	22.5	2	
1.4	16QAM	6	0	21.49	21.54	21.61			
Channel				2305	2305	2316			

Band 14 (700MHz Band)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				2330					
Frequency (MHz)				793					
10	QPSK	1	0		23.69		24.5	0	
10	QPSK	1	25		23.72				
10	QPSK	1	49		23.62				
10	QPSK	25	0		22.91		23.5	1	
10	QPSK	25	12		22.87				
10	QPSK	25	25		22.73				
10	QPSK	50	0		22.85		23.5	1	
10	16QAM	1	0		22.85				
10	16QAM	1	25		22.99				
10	16QAM	1	49		22.86		22.5	2	
10	16QAM	25	0		21.84				
10	16QAM	25	12		21.77				
10	16QAM	25	25		21.80		22.5	2	
10	16QAM	50	0		21.89				
Channel				2330	2330	2335			
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	0	23.62	23.71	23.65	24.5	0	
5	QPSK	1	12	23.78	23.77	23.69			
5	QPSK	1	24	23.76	23.68	23.65			
5	QPSK	12	0	22.87	22.85	22.90	23.5	1	
5	QPSK	12	7	22.85	22.96	22.83			
5	QPSK	12	13	22.84	22.98	22.92			
5	QPSK	25	0	22.81	22.97	22.99	23.5	1	
5	16QAM	1	0	22.09	22.12	22.06			
5	16QAM	1	12	22.56	22.46	22.40			
5	16QAM	1	24	22.47	22.19	22.06	22.5	2	
5	16QAM	12	0	21.71	21.82	21.87			
5	16QAM	12	7	21.79	21.94	21.79			
5	16QAM	12	13	21.67	22.04	22.08	22.5	2	
5	16QAM	25	0	21.88	22.06	21.89			
Channel				2330	2330	2335			

Band 30									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				2770					
Frequency (MHz)				2310					
10	QPSK	1	0		24.04		24.5	0	
10	QPSK	1	25		23.96				
10	QPSK	1	49		23.88				
10	QPSK	25	0		23.11		23.5	1	
10	QPSK	25	12		23.06				
10	QPSK	25	25		23.10				
10	QPSK	50	0		23.08		23.5	1	
10	16QAM	1	0		23.21				
10	16QAM	1	25		22.76				
10	16QAM	1	49		22.97		22.5	2	
10	16QAM	25	0		22.08				
10	16QAM	25	12		22.11				
10	16QAM	25	25		22.14		22.5	2	
10	16QAM	50	0		22.11				
Channel				2765	2770	2775			
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	0	23.94	23.80	23.92	24.5	0	
5	QPSK	1	12	23.95	23.88	23.85			
5	QPSK	1	24	23.87	23.92	23.72			
5	QPSK	12	0	23.02	23.11	22.98	23.5	1	
5	QPSK	12	7	23.00	23.03	22.98			
5	QPSK	12	13	23.08	23.05	23.05			
5	QPSK	25	0	22.96	23.09	23.05	23.5	1	
5	16QAM	1	0	22.40	22.58	22.78			
5	16QAM	1	12	22.73	22.69	22.72			
5	16QAM	1	24	22.35	22.34	22.78	22.5	2	
5	16QAM	12	0	21.87	21.93	21.97			
5	16QAM	12	7	21.81	21.75	21.87			
5	16QAM	12	13	21.90	21.97	21.95	22.5	2	
5	16QAM	25	0	21.91	22.12	22.00			
Channel				2765	2770	2775			



Reduced Power Mode for Hotspot On

Band 30								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				2710				
Frequency (MHz)				2310				
10	QPSK	1	0		22.41		23.5	0
10	QPSK	1	25		22.31			
10	QPSK	1	49		22.11			
10	QPSK	25	0		21.66		22.5	1
10	QPSK	25	12		21.59			
10	QPSK	25	25		21.41			
10	QPSK	50	0		21.54		22.5	1
10	16QAM	1	0		21.26			
10	16QAM	1	25		21.30			
10	16QAM	1	49		20.93		21.5	2
10	16QAM	25	0		20.39			
10	16QAM	25	12		20.74			
10	16QAM	25	25		20.34		20.38	
10	16QAM	50	0		20.38			
Channel				2765	2770	2775		
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.31	22.24	22.16	23.5	0
5	QPSK	1	12	22.36	22.30	22.19		
5	QPSK	1	24	22.03	22.10	22.07		
5	QPSK	12	0	21.45	21.53	21.49	22.5	1
5	QPSK	12	7	21.47	21.45	21.59		
5	QPSK	12	13	21.47	21.41	21.33		
5	QPSK	25	0	21.43	21.52	21.40	22.5	1
5	16QAM	1	0	21.42	21.49	21.12		
5	16QAM	1	12	21.52	21.51	21.61		
5	16QAM	1	24	21.35	21.35	21.12	21.5	2
5	16QAM	12	0	20.39	20.23	20.43		
5	16QAM	12	7	20.61	20.28	20.35		
5	16QAM	12	13	20.52	20.20	20.18	20.38	
5	16QAM	25	0	20.37	20.57	20.38		

2.4GHz WLAN		Ant 1				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11b 1Mbps	1	2412	18.25	19.00	97.68	
	6	2437	18.06	19.00		
	11	2462	17.62	19.00		
802.11g 6Mbps	1	2412	13.03	14.00	87.04	
	6	2437	17.05	18.00		
	11	2462	13.82	14.00		
802.11n-HT20 MCS0	1	2412	12.03	14.00	86.76	
	6	2437	16.15	17.00		
	11	2462	13.55	14.00		

BR / EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.45	10.23	10.16
	CH 39	2441	11.53	10.59	10.64
	CH 78	2480	9.94	8.80	8.62
Tune-up Limit			12	11	11

LE

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	0.25
	CH 19	2440	0.64
	CH 39	2480	-1.00
Tune-up Limit			2