

Appendix E: Field Strength of Spurious Radiation Measurement

Test Result

BAND 2 / 20MHz / QPSK / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3720	-59.90	1.51	-58.39	-13	Horizontal
3720	-63.28	1.51	-61.77	-13	Vertical
5580	-64.95	1.51	-63.44	-13	Horizontal
5580	-61.80	1.51	-60.29	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3760	-60.82	1.51	-59.31	-13	Horizontal
3760	-64.30	1.51	-62.79	-13	Vertical
5640	-64.39	1.51	-62.88	-13	Horizontal
5640	-62.36	1.51	-60.85	-13	Vertical

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3800	-59.01	1.51	-57.50	-13	Horizontal
3800	-62.84	1.51	-61.33	-13	Vertical
5700	-64.75	1.51	-63.24	-13	Horizontal
5700	-58.87	1.51	-57.36	-13	Vertical

BAND 2 / 20MHz / QPSK / 100RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3720	-59.75	1.51	-58.24	-13	Horizontal
3720	-62.50	1.51	-60.99	-13	Vertical
5580	-65.26	1.51	-63.75	-13	Horizontal
5580	-59.92	1.51	-58.41	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3760	-59.73	1.51	-58.22	-13	Horizontal
3760	-63.31	1.51	-61.80	-13	Vertical
5640	-65.02	1.51	-63.51	-13	Horizontal
5640	-60.82	1.51	-59.31	-13	Vertical

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3800	-59.10	1.51	-57.59	-13	Horizontal
3800	-62.20	1.51	-60.69	-13	Vertical
5700	-64.87	1.51	-63.36	-13	Horizontal
5700	-58.81	1.51	-57.30	-13	Vertical

BAND 2 / 20MHz / 16QAM / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3720	-59.34	1.51	-57.83	-13	Horizontal
3720	-62.69	1.51	-61.18	-13	Vertical
5580	-64.96	1.51	-63.45	-13	Horizontal
5580	-59.62	1.51	-58.11	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3760	-59.73	1.51	-58.22	-13	Horizontal
3760	-62.46	1.51	-60.95	-13	Vertical
5640	-64.20	1.51	-62.69	-13	Horizontal
5640	-59.56	1.51	-58.05	-13	Vertical

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3800	-59.24	1.51	-57.73	-13	Horizontal
3800	-62.54	1.51	-61.03	-13	Vertical
5700	-64.71	1.51	-63.20	-13	Horizontal
5700	-59.41	1.51	-57.90	-13	Vertical

BAND 2 / 20MHz / 16QAM / 100RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3720	-60.13	1.51	-58.62	-13	Horizontal
3720	-62.20	1.51	-60.69	-13	Vertical
5580	-64.50	1.51	-62.99	-13	Horizontal
5580	-59.56	1.51	-58.05	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3760	-59.38	1.51	-57.87	-13	Horizontal
3760	-62.22	1.51	-60.71	-13	Vertical
5640	-64.19	1.51	-62.68	-13	Horizontal
5640	-59.77	1.51	-58.26	-13	Vertical

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3800	-59.61	1.51	-58.10	-13	Horizontal
3800	-62.47	1.51	-60.96	-13	Vertical
5700	-64.02	1.51	-62.51	-13	Horizontal
5700	-59.53	1.51	-58.02	-13	Vertical

BAND 4 / 20MHz / QPSK / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3440	-60.01	1.51	-58.50	-13	Horizontal
3440	-62.27	1.51	-60.76	-13	Vertical
5160	-64.79	1.51	-63.28	-13	Horizontal
5160	-59.94	1.51	-58.43	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3465	-59.43	1.51	-57.92	-13	Horizontal
3465	-62.64	1.51	-61.13	-13	Vertical
5197.5	-64.76	1.51	-63.25	-13	Horizontal
5197.5	-60.26	1.51	-58.75	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3490	-60.21	1.51	-58.70	-13	Horizontal
3490	-62.93	1.51	-61.42	-13	Vertical
5235	-64.93	1.51	-63.42	-13	Horizontal
5235	-60.67	1.51	-59.16	-13	Vertical

BAND 4 / 20MHz / QPSK / 100RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3440	-59.96	1.51	-58.45	-13	Horizontal
3440	-62.36	1.51	-60.85	-13	Vertical
5160	-64.57	1.51	-63.06	-13	Horizontal
5160	-61.11	1.51	-59.60	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3465	-59.92	1.51	-58.41	-13	Horizontal
3465	-62.96	1.51	-61.45	-13	Vertical
5197.5	-64.57	1.51	-63.06	-13	Horizontal
5197.5	-59.94	1.51	-58.43	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3490	-60.22	1.51	-58.71	-13	Horizontal
3490	-62.21	1.51	-60.70	-13	Vertical
5235	-65.23	1.51	-63.72	-13	Horizontal
5235	-59.85	1.51	-58.34	-13	Vertical

BAND 4 / 20MHz / 16QAM / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3440	-59.08	1.51	-57.57	-13	Horizontal
3440	-62.45	1.51	-60.94	-13	Vertical
5160	-64.97	1.51	-63.46	-13	Horizontal
5160	-59.62	1.51	-58.11	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3465	-59.83	1.51	-58.32	-13	Horizontal
3465	-63.34	1.51	-61.83	-13	Vertical
5197.5	-64.38	1.51	-62.87	-13	Horizontal
5197.5	-60.99	1.51	-59.48	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3490	-59.63	1.51	-58.12	-13	Horizontal
3490	-62.56	1.51	-61.05	-13	Vertical
5235	-64.44	1.51	-62.93	-13	Horizontal
5235	-60.20	1.51	-58.69	-13	Vertical

BAND 4 / 20MHz / 16QAM / 100RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3440	-59.93	1.51	-58.42	-13	Horizontal
3440	-62.29	1.51	-60.78	-13	Vertical
5160	-64.23	1.51	-62.72	-13	Horizontal
5160	-61.19	1.51	-59.68	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3465	-59.56	1.51	-58.05	-13	Horizontal
3465	-62.45	1.51	-60.94	-13	Vertical
5197.5	-64.72	1.51	-63.21	-13	Horizontal
5197.5	-60.80	1.51	-59.29	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3490	-59.55	1.51	-58.04	-13	Horizontal
3490	-61.97	1.51	-60.46	-13	Vertical
5235	-64.23	1.51	-62.72	-13	Horizontal
5235	-60.71	1.51	-59.20	-13	Vertical

BAND 5 / 10MHz / QPSK / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1658	-63.88	0.5	-63.38	-13	Horizontal
1658	-60.42	0.5	-59.92	-13	Vertical
2487	-66.49	0.5	-65.99	-13	Horizontal
2487	-67.71	0.5	-67.21	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1673	-63.79	0.5	-63.29	-13	Horizontal
1673	-59.97	0.5	-59.47	-13	Vertical
2509.5	-66.33	0.5	-65.83	-13	Horizontal
2509.5	-67.74	0.5	-67.24	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1688	-64.53	0.5	-64.03	-13	Horizontal
1688	-60.04	0.5	-59.54	-13	Vertical
2532	-66.08	0.5	-65.58	-13	Horizontal
2532	-67.06	0.5	-66.56	-13	Vertical

BAND 5 / 10MHz / QPSK / 50RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1658	-63.14	0.5	-62.64	-13	Horizontal
1658	-59.84	0.5	-59.34	-13	Vertical
2487	-66.39	0.5	-65.89	-13	Horizontal
2487	-66.98	0.5	-66.48	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1673	-63.26	0.5	-62.76	-13	Horizontal
1673	-60.80	0.5	-60.30	-13	Vertical
2509.5	-66.79	0.5	-66.29	-13	Horizontal
2509.5	-67.71	0.5	-67.21	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1688	-63.66	0.5	-63.16	-13	Horizontal
1688	-59.69	0.5	-59.19	-13	Vertical
2532	-67.09	0.5	-66.59	-13	Horizontal
2532	-67.39	0.5	-66.89	-13	Vertical

BAND 5 / 10MHz / 16QAM / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1658	-63.58	0.5	-63.08	-13	Horizontal
1658	-60.48	0.5	-59.98	-13	Vertical
2487	-66.63	0.5	-66.13	-13	Horizontal
2487	-67.56	0.5	-67.06	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1673	-63.52	0.5	-63.02	-13	Horizontal
1673	-60.24	0.5	-59.74	-13	Vertical
2509.5	-66.62	0.5	-66.12	-13	Horizontal
2509.5	-67.23	0.5	-66.73	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1688	-63.16	0.5	-62.66	-13	Horizontal
1688	-60.09	0.5	-59.59	-13	Vertical
2532	-66.85	0.5	-66.35	-13	Horizontal
2532	-68.04	0.5	-67.54	-13	Vertical

BAND 5 / 10MHz / 16QAM / 50RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1658	-63.20	0.5	-62.70	-13	Horizontal
1658	-60.05	0.5	-59.55	-13	Vertical
2487	-66.48	0.5	-65.98	-13	Horizontal
2487	-67.56	0.5	-67.06	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1673	-63.99	0.5	-63.49	-13	Horizontal
1673	-60.46	0.5	-59.96	-13	Vertical
2509.5	-66.24	0.5	-65.74	-13	Horizontal
2509.5	-67.96	0.5	-67.46	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1688	-63.60	0.5	-63.10	-13	Horizontal
1688	-59.89	0.5	-59.39	-13	Vertical
2532	-66.74	0.5	-66.24	-13	Horizontal
2532	-67.82	0.5	-67.32	-13	Vertical

BAND 7 / 20MHz / QPSK / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-60.50	1.52	-58.98	-25	Horizontal
5070	-64.23	1.52	-62.71	-25	Vertical
7605	-63.26	1.52	-61.74	-25	Horizontal
7605	-62.72	1.52	-61.20	-25	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-61.40	1.52	-59.88	-25	Horizontal
5070	-64.40	1.52	-62.88	-25	Vertical
7605	-62.06	1.52	-60.54	-25	Horizontal
7605	-62.87	1.52	-61.35	-25	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5120	-60.36	1.52	-58.84	-25	Horizontal
5120	-64.37	1.52	-62.85	-25	Vertical
7680	-62.49	1.52	-60.97	-25	Horizontal
7680	-62.87	1.52	-61.35	-25	Vertical

BAND 7 / 20MHz / QPSK / 100RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-61.21	1.52	-59.69	-25	Horizontal
5070	-64.58	1.52	-63.06	-25	Vertical
7605	-62.60	1.52	-61.08	-25	Horizontal
7605	-62.92	1.52	-61.40	-25	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-60.77	1.52	-59.25	-25	Horizontal
5070	-63.79	1.52	-62.27	-25	Vertical
7605	-62.66	1.52	-61.14	-25	Horizontal
7605	-62.37	1.52	-60.85	-25	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5120	-60.22	1.52	-58.70	-25	Horizontal
5120	-64.76	1.52	-63.24	-25	Vertical
7680	-63.16	1.52	-61.64	-25	Horizontal
7680	-63.13	1.52	-61.61	-25	Vertical

BAND 7 / 20MHz / 16QAM / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-61.04	1.52	-59.52	-25	Horizontal
5070	-64.10	1.52	-62.58	-25	Vertical
7605	-62.47	1.52	-60.95	-25	Horizontal
7605	-62.61	1.52	-61.09	-25	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-61.24	1.52	-59.72	-25	Horizontal
5070	-63.81	1.52	-62.29	-25	Vertical
7605	-62.11	1.52	-60.59	-25	Horizontal
7605	-62.87	1.52	-61.35	-25	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5120	-60.79	1.52	-59.27	-25	Horizontal
5120	-63.79	1.52	-62.27	-25	Vertical
7680	-62.85	1.52	-61.33	-25	Horizontal
7680	-62.94	1.52	-61.42	-25	Vertical

BAND 7 / 20MHz / 16QAM / 100RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-60.80	1.52	-59.28	-25	Horizontal
5070	-63.48	1.52	-61.96	-25	Vertical
7605	-62.75	1.52	-61.23	-25	Horizontal
7605	-62.65	1.52	-61.13	-25	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-60.55	1.52	-59.03	-25	Horizontal
5070	-63.78	1.52	-62.26	-25	Vertical
7605	-62.49	1.52	-60.97	-25	Horizontal
7605	-61.93	1.52	-60.41	-25	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5120	-60.60	1.52	-59.08	-25	Horizontal
5120	-63.77	1.52	-62.25	-25	Vertical
7680	-63.33	1.52	-61.81	-25	Horizontal
7680	-62.75	1.52	-61.23	-25	Vertical

BAND 17 / 10MHz / QPSK / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1418	-60.96	1.59	-59.37	-13	Horizontal
1418	-64.05	1.59	-62.46	-13	Vertical
2127	-62.66	1.59	-61.07	-13	Horizontal
2127	-62.31	1.59	-60.72	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1420	-60.72	1.59	-59.13	-13	Horizontal
1420	-64.24	1.59	-62.65	-13	Vertical
2130	-62.48	1.59	-60.89	-13	Horizontal
2130	-63.10	1.59	-61.51	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1422	-61.31	1.59	-59.72	-13	Horizontal
1422	-64.09	1.59	-62.50	-13	Vertical
2133	-62.44	1.59	-60.85	-13	Horizontal
2133	-63.04	1.59	-61.45	-13	Vertical

BAND 17 / 10MHz / QPSK / 50RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1418	-61.27	1.59	-59.68	-13	Horizontal
1418	-63.85	1.59	-62.26	-13	Vertical
2127	-62.72	1.59	-61.13	-13	Horizontal
2127	-62.71	1.59	-61.12	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1420	-61.22	1.59	-59.63	-13	Horizontal
1420	-63.77	1.59	-62.18	-13	Vertical
2130	-62.50	1.59	-60.91	-13	Horizontal
2130	-62.73	1.59	-61.14	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1422	-60.80	1.59	-59.21	-13	Horizontal
1422	-63.99	1.59	-62.40	-13	Vertical
2133	-62.91	1.59	-61.32	-13	Horizontal
2133	-62.96	1.59	-61.37	-13	Vertical

BAND 17 / 10MHz / 16QAM / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1418	-60.68	1.59	-59.09	-13	Horizontal
1418	-64.07	1.59	-62.48	-13	Vertical
2127	-62.92	1.59	-61.33	-13	Horizontal
2127	-62.39	1.59	-60.80	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1420	-60.59	1.59	-59.00	-13	Horizontal
1420	-63.58	1.59	-61.99	-13	Vertical
2130	-62.81	1.59	-61.22	-13	Horizontal
2130	-63.39	1.59	-61.80	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1422	-60.84	1.59	-59.25	-13	Horizontal
1422	-64.05	1.59	-62.46	-13	Vertical
2133	-63.19	1.59	-61.60	-13	Horizontal
2133	-63.13	1.59	-61.54	-13	Vertical

BAND 17 / 10MHz / 16QAM / 50RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1418	-60.74	1.59	-59.15	-13	Horizontal
1418	-63.75	1.59	-62.16	-13	Vertical
2127	-62.38	1.59	-60.79	-13	Horizontal
2127	-62.71	1.59	-61.12	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1420	-60.74	1.59	-59.15	-13	Horizontal
1420	-64.25	1.59	-62.66	-13	Vertical
2130	-62.86	1.59	-61.27	-13	Horizontal
2130	-62.65	1.59	-61.06	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1422	-60.30	1.59	-58.71	-13	Horizontal
1422	-63.55	1.59	-61.96	-13	Vertical
2133	-62.51	1.59	-60.92	-13	Horizontal
2133	-61.89	1.59	-60.30	-13	Vertical

Note: All bandwidth and modulation are tested, only the worst result is reported.