

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	-60.12	1.51	-58.61	-13	Horizontal
3720	-63.15	1.51	-61.64	-13	Vertical
5580	-65.17	1.51	-63.66	-13	Horizontal
5580	-61.90	1.51	-60.39	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3760	-60.70	1.51	-59.19	-13	Horizontal
3760	-64.36	1.51	-62.85	-13	Vertical
5640	-64.64	1.51	-63.13	-13	Horizontal
5640	-62.54	1.51	-61.03	-13	Vertical

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3800	-59.17	1.51	-57.66	-13	Horizontal
3800	-62.93	1.51	-61.42	-13	Vertical
5700	-64.35	1.51	-62.84	-13	Horizontal
5700	-59.12	1.51	-57.61	-13	Vertical

BAND 2 / 20MHz / QPSK / 100RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3720	-59.76	1.51	-58.25	-13	Horizontal
3720	-62.87	1.51	-61.36	-13	Vertical
5580	-65.13	1.51	-63.62	-13	Horizontal
5580	-59.87	1.51	-58.36	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3760	-59.81	1.51	-58.30	-13	Horizontal
3760	-63.10	1.51	-61.59	-13	Vertical
5640	-64.91	1.51	-63.40	-13	Horizontal
5640	-60.56	1.51	-59.05	-13	Vertical

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3800	-59.38	1.51	-57.87	-13	Horizontal
3800	-62.51	1.51	-61.00	-13	Vertical
5700	-64.89	1.51	-63.38	-13	Horizontal
5700	-58.78	1.51	-57.27	-13	Vertical

BAND 2 / 20MHz / 16QAM / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3720	-59.44	1.51	-57.93	-13	Horizontal
3720	-62.94	1.51	-61.43	-13	Vertical
5580	-64.81	1.51	-63.30	-13	Horizontal
5580	-59.97	1.51	-58.46	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3760	-59.81	1.51	-58.30	-13	Horizontal
3760	-62.50	1.51	-60.99	-13	Vertical
5640	-64.51	1.51	-63.00	-13	Horizontal
5640	-59.74	1.51	-58.23	-13	Vertical

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3800	-59.52	1.51	-58.01	-13	Horizontal
3800	-62.42	1.51	-60.91	-13	Vertical
5700	-64.84	1.51	-63.33	-13	Horizontal
5700	-59.66	1.51	-58.15	-13	Vertical

BAND 2 / 20MHz / 16QAM / 100RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3720	-60.06	1.51	-58.55	-13	Horizontal
3720	-62.34	1.51	-60.83	-13	Vertical
5580	-64.43	1.51	-62.92	-13	Horizontal
5580	-59.63	1.51	-58.12	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3760	-59.61	1.51	-58.10	-13	Horizontal
3760	-62.27	1.51	-60.76	-13	Vertical
5640	-64.48	1.51	-62.97	-13	Horizontal
5640	-59.63	1.51	-58.12	-13	Vertical

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3800	-59.56	1.51	-58.05	-13	Horizontal
3800	-62.80	1.51	-61.29	-13	Vertical
5700	-64.33	1.51	-62.82	-13	Horizontal
5700	-59.86	1.51	-58.35	-13	Vertical

BAND 4 / 20MHz / QPSK / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3440	-59.84	1.5	-58.34	-13	Horizontal
3440	-62.24	1.5	-60.74	-13	Vertical
5160	-64.72	1.5	-63.22	-13	Horizontal
5160	-59.98	1.5	-58.48	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3465	-59.34	1.5	-57.84	-13	Horizontal
3465	-62.49	1.5	-60.99	-13	Vertical
5197.5	-64.39	1.5	-62.89	-13	Horizontal
5197.5	-59.96	1.5	-58.46	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3490	-60.07	1.5	-58.57	-13	Horizontal
3490	-62.86	1.5	-61.36	-13	Vertical
5235	-65.08	1.5	-63.58	-13	Horizontal
5235	-60.87	1.5	-59.37	-13	Vertical

BAND 4 / 20MHz / QPSK / 100RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3440	-59.78	1.5	-58.28	-13	Horizontal
3440	-62.24	1.5	-60.74	-13	Vertical
5160	-64.42	1.5	-62.92	-13	Horizontal
5160	-60.71	1.5	-59.21	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3465	-59.81	1.5	-58.31	-13	Horizontal
3465	-62.89	1.5	-61.39	-13	Vertical
5197.5	-64.26	1.5	-62.76	-13	Horizontal
5197.5	-59.97	1.5	-58.47	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3490	-60.04	1.5	-58.54	-13	Horizontal
3490	-62.32	1.5	-60.82	-13	Vertical
5235	-64.90	1.5	-63.40	-13	Horizontal
5235	-60.23	1.5	-58.73	-13	Vertical

BAND 4 / 20MHz / 16QAM / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3440	-59.41	1.5	-57.91	-13	Horizontal
3440	-62.58	1.5	-61.08	-13	Vertical
5160	-64.73	1.5	-63.23	-13	Horizontal
5160	-59.51	1.5	-58.01	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3465	-59.54	1.5	-58.04	-13	Horizontal
3465	-63.01	1.5	-61.51	-13	Vertical
5197.5	-64.54	1.5	-63.04	-13	Horizontal
5197.5	-61.17	1.5	-59.67	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3490	-59.73	1.5	-58.23	-13	Horizontal
3490	-62.64	1.5	-61.14	-13	Vertical
5235	-64.33	1.5	-62.83	-13	Horizontal
5235	-59.83	1.5	-58.33	-13	Vertical

BAND 4 / 20MHz / 16QAM / 100RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3440	-59.56	1.5	-58.06	-13	Horizontal
3440	-62.67	1.5	-61.17	-13	Vertical
5160	-64.59	1.5	-63.09	-13	Horizontal
5160	-61.22	1.5	-59.72	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3465	-59.23	1.5	-57.73	-13	Horizontal
3465	-62.25	1.5	-60.75	-13	Vertical
5197.5	-64.58	1.5	-63.08	-13	Horizontal
5197.5	-60.77	1.5	-59.27	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
3490	-59.76	1.5	-58.26	-13	Horizontal
3490	-62.23	1.5	-60.73	-13	Vertical
5235	-64.41	1.5	-62.91	-13	Horizontal
5235	-60.32	1.5	-58.82	-13	Vertical

BAND 5 / 10MHz / QPSK / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1658	-63.61	0.5	-63.11	-13	Horizontal
1658	-60.43	0.5	-59.93	-13	Vertical
2487	-66.21	0.5	-65.71	-13	Horizontal
2487	-67.41	0.5	-66.91	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1673	-63.57	0.5	-63.07	-13	Horizontal
1673	-59.68	0.5	-59.18	-13	Vertical
2509.5	-66.41	0.5	-65.91	-13	Horizontal
2509.5	-67.97	0.5	-67.47	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1688	-64.23	0.5	-63.73	-13	Horizontal
1688	-59.75	0.5	-59.25	-13	Vertical
2532	-66.36	0.5	-65.86	-13	Horizontal
2532	-67.35	0.5	-66.85	-13	Vertical

BAND 5 / 10MHz / QPSK / 50RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1658	-63.38	0.5	-62.88	-13	Horizontal
1658	-59.89	0.5	-59.39	-13	Vertical
2487	-66.26	0.5	-65.76	-13	Horizontal
2487	-67.28	0.5	-66.78	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1673	-63.42	0.5	-62.92	-13	Horizontal
1673	-60.42	0.5	-59.92	-13	Vertical
2509.5	-66.42	0.5	-65.92	-13	Horizontal
2509.5	-67.98	0.5	-67.48	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1688	-63.95	0.5	-63.45	-13	Horizontal
1688	-59.65	0.5	-59.15	-13	Vertical
2532	-66.79	0.5	-66.29	-13	Horizontal
2532	-67.34	0.5	-66.84	-13	Vertical

BAND 5 / 10MHz / 16QAM / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1658	-63.50	0.5	-63.00	-13	Horizontal
1658	-60.12	0.5	-59.62	-13	Vertical
2487	-66.76	0.5	-66.26	-13	Horizontal
2487	-67.39	0.5	-66.89	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1673	-63.71	0.5	-63.21	-13	Horizontal
1673	-60.34	0.5	-59.84	-13	Vertical
2509.5	-66.23	0.5	-65.73	-13	Horizontal
2509.5	-67.15	0.5	-66.65	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1688	-63.47	0.5	-62.97	-13	Horizontal
1688	-60.23	0.5	-59.73	-13	Vertical
2532	-66.89	0.5	-66.39	-13	Horizontal
2532	-67.81	0.5	-67.31	-13	Vertical

BAND 5 / 10MHz / 16QAM / 50RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1658	-63.56	0.5	-63.06	-13	Horizontal
1658	-60.36	0.5	-59.86	-13	Vertical
2487	-66.30	0.5	-65.80	-13	Horizontal
2487	-67.91	0.5	-67.41	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1673	-63.82	0.5	-63.32	-13	Horizontal
1673	-60.08	0.5	-59.58	-13	Vertical
2509.5	-66.20	0.5	-65.70	-13	Horizontal
2509.5	-67.92	0.5	-67.42	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1688	-63.51	0.5	-63.01	-13	Horizontal
1688	-60.11	0.5	-59.61	-13	Vertical
2532	-66.82	0.5	-66.32	-13	Horizontal
2532	-67.43	0.5	-66.93	-13	Vertical

BAND 7 / 20MHz / QPSK / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-60.87	1.52	-59.35	-25	Horizontal
5070	-64.23	1.52	-62.71	-25	Vertical
7605	-62.87	1.52	-61.35	-25	Horizontal
7605	-63.05	1.52	-61.53	-25	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-61.26	1.52	-59.74	-25	Horizontal
5070	-64.19	1.52	-62.67	-25	Vertical
7605	-62.37	1.52	-60.85	-25	Horizontal
7605	-62.84	1.52	-61.32	-25	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5120	-60.46	1.52	-58.94	-25	Horizontal
5120	-64.40	1.52	-62.88	-25	Vertical
7680	-62.72	1.52	-61.20	-25	Horizontal
7680	-62.89	1.52	-61.37	-25	Vertical

BAND 7 / 20MHz / QPSK / 100RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-61.38	1.52	-59.86	-25	Horizontal
5070	-64.28	1.52	-62.76	-25	Vertical
7605	-62.98	1.52	-61.46	-25	Horizontal
7605	-63.06	1.52	-61.54	-25	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-61.02	1.52	-59.50	-25	Horizontal
5070	-64.16	1.52	-62.64	-25	Vertical
7605	-62.91	1.52	-61.39	-25	Horizontal
7605	-62.63	1.52	-61.11	-25	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5120	-60.61	1.52	-59.09	-25	Horizontal
5120	-64.54	1.52	-63.02	-25	Vertical
7680	-62.97	1.52	-61.45	-25	Horizontal
7680	-63.09	1.52	-61.57	-25	Vertical

BAND 7 / 20MHz / 16QAM / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-61.19	1.52	-59.67	-25	Horizontal
5070	-64.31	1.52	-62.79	-25	Vertical
7605	-62.46	1.52	-60.94	-25	Horizontal
7605	-62.76	1.52	-61.24	-25	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-61.20	1.52	-59.68	-25	Horizontal
5070	-64.02	1.52	-62.50	-25	Vertical
7605	-62.23	1.52	-60.71	-25	Horizontal
7605	-62.98	1.52	-61.46	-25	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5120	-60.63	1.52	-59.11	-25	Horizontal
5120	-63.81	1.52	-62.29	-25	Vertical
7680	-62.76	1.52	-61.24	-25	Horizontal
7680	-63.01	1.52	-61.49	-25	Vertical

BAND 7 / 20MHz / 16QAM / 100RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-61.01	1.52	-59.49	-25	Horizontal
5070	-63.67	1.52	-62.15	-25	Vertical
7605	-62.91	1.52	-61.39	-25	Horizontal
7605	-62.74	1.52	-61.22	-25	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5070	-60.87	1.52	-59.35	-25	Horizontal
5070	-63.99	1.52	-62.47	-25	Vertical
7605	-62.42	1.52	-60.90	-25	Horizontal
7605	-62.32	1.52	-60.80	-25	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
5120	-60.43	1.52	-58.91	-25	Horizontal
5120	-63.69	1.52	-62.17	-25	Vertical
7680	-63.04	1.52	-61.52	-25	Horizontal
7680	-62.66	1.52	-61.14	-25	Vertical

BAND 17 / 10MHz / QPSK / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1418	-61.22	1.59	-59.63	-13	Horizontal
1418	-63.83	1.59	-62.24	-13	Vertical
2127	-62.48	1.59	-60.89	-13	Horizontal
2127	-62.50	1.59	-60.91	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1420	-60.54	1.59	-58.95	-13	Horizontal
1420	-63.88	1.59	-62.29	-13	Vertical
2130	-62.21	1.59	-60.62	-13	Horizontal
2130	-62.92	1.59	-61.33	-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	-61.37	1.59	-59.78	-13	Horizontal
1418	-64.58	1.59	-62.99	-13	Vertical
2127	-62.32	1.59	-60.73	-13	Horizontal
2127	-62.43	1.59	-60.84	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1420	-61.26	1.59	-59.67	-13	Horizontal
1420	-63.98	1.59	-62.39	-13	Vertical
2130	-62.79	1.59	-61.20	-13	Horizontal
2130	-62.78	1.59	-61.19	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1422	-60.76	1.59	-59.17	-13	Horizontal
1422	-63.66	1.59	-62.07	-13	Vertical
2133	-62.83	1.59	-61.24	-13	Horizontal
2133	-63.18	1.59	-61.59	-13	Vertical

BAND 17 / 10MHz / 16QAM / 1RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1418	-60.71	1.59	-59.12	-13	Horizontal
1418	-64.45	1.59	-62.86	-13	Vertical
2127	-62.65	1.59	-61.06	-13	Horizontal
2127	-62.26	1.59	-60.67	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1420	-60.91	1.59	-59.32	-13	Horizontal
1420	-63.77	1.59	-62.18	-13	Vertical
2130	-62.72	1.59	-61.13	-13	Horizontal
2130	-63.15	1.59	-61.56	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1422	-60.91	1.59	-59.32	-13	Horizontal
1422	-63.94	1.59	-62.35	-13	Vertical
2133	-62.92	1.59	-61.33	-13	Horizontal
2133	-62.84	1.59	-61.25	-13	Vertical

BAND 17 / 10MHz / 16QAM / 50RB

Channel Low					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1418	-60.49	1.59	-58.90	-13	Horizontal
1418	-63.92	1.59	-62.33	-13	Vertical
2127	-62.72	1.59	-61.13	-13	Horizontal
2127	-63.05	1.59	-61.46	-13	Vertical

Channel Mid					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1420	-60.43	1.59	-58.84	-13	Horizontal
1420	-64.50	1.59	-62.91	-13	Vertical
2130	-62.46	1.59	-60.87	-13	Horizontal
2130	-62.57	1.59	-60.98	-13	Horizontal

Channel High					
Frequency(MHz)	Power(dBm)	ARpl (dBm)	PMea(dBm)	Limit (dBm)	Polarity
1422	-60.67	1.59	-59.08	-13	Horizontal
1422	-63.85	1.59	-62.26	-13	Vertical
2133	-62.89	1.59	-61.30	-13	Horizontal
2133	-62.28	1.59	-60.69	-13	Vertical

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