Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power（dBm）	ERP（dBm）	Limit（dBm）	Verdict
N12	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.09	24.13	34.77	PASS
N12	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.14	24.18	34.77	PASS
N12	15	5	DFT-PI2BPSK	L	Outer_Full	23.20	24.24	34.77	PASS
N12	15	5	DFT-QPSK	L	Inner_1RB_Left	23.31	24.35	34.77	PASS
N12	15	5	DFT-QPSK	L	Inner_1RB_Right	23.27	24.31	34.77	PASS
N12	15	5	DFT-QPSK	L	Outer_Full	23.24	24.28	34.77	PASS
N12	15	5	DFT-16QAM	L	Inner_1RB_Left	22.61	23.65	34.77	PASS
N12	15	5	DFT-16QAM	L	Inner_1RB_Right	22.62	23.66	34.77	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	21.69	22.73	34.77	PASS
N12	15	5	DFT-64QAM	L	Inner_1RB_Left	21.05	22.09	34.77	PASS
N12	15	5	DFT-64QAM	L	Inner_1RB_Right	20.92	21.96	34.77	PASS
N12	15	5	DFT-64QAM	L	Outer_Full	20.77	21.81	34.77	PASS
N12	15	5	DFT-256QAM	L	Inner_1RB_Left	18.67	19.71	34.77	PASS
N12	15	5	DFT-256QAM	L	Inner_1RB_Right	18.60	19.64	34.77	PASS
N12	15	5	DFT-256QAM	L	Outer_Full	18.87	19.91	34.77	PASS
N12	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.12	24.16	34.77	PASS
N12	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	22.83	23.87	34.77	PASS
N12	15	5	DFT-PI2BPSK	M	Outer_Full	22.97	24.01	34.77	PASS
N12	15	5	DFT-QPSK	M	Inner_1RB_Left	23.19	24.23	34.77	PASS
N12	15	5	DFT-QPSK	M	Inner_1RB_Right	23.05	24.09	34.77	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	22.94	23.98	34.77	PASS
N12	15	5	DFT-16QAM	M	Inner_1RB_Left	22.62	23.66	34.77	PASS
N12	15	5	DFT-16QAM	M	Inner_1RB_Right	22.38	23.42	34.77	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	21.37	22.41	34.77	PASS
N12	15	5	DFT-64QAM	M	Inner_1RB_Left	20.75	21.79	34.77	PASS
N12	15	5	DFT-64QAM	M	Inner_1RB_Right	20.82	21.86	34.77	PASS
N12	15	5	DFT-64QAM	M	Outer_Full	20.52	21.56	34.77	PASS
N12	15	5	DFT-256QAM	M	Inner_1RB_Left	18.63	19.67	34.77	PASS
N12	15	5	DFT-256QAM	M	Inner_1RB_Right	18.45	19.49	34.77	PASS
N12	15	5	DFT-256QAM	M	Outer_Full	18.61	19.65	34.77	PASS
N12	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	22.68	23.72	34.77	PASS
N12	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	22.70	23.74	34.77	PASS
N12	15	5	DFT-PI2BPSK	H	Outer_Full	22.78	23.82	34.77	PASS
N12	15	5	DFT-QPSK	H	Inner_1RB_Left	23.00	24.04	34.77	PASS
N12	15	5	DFT-QPSK	H	Inner_1RB_Right	22.88	23.92	34.77	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	22.84	23.88	34.77	PASS
N12	15	5	DFT-16QAM	H	Inner_1RB_Left	22.29	23.33	34.77	PASS

N12	15	5	DFT-16QAM	H	Inner_1RB_Right	22.25	23.29	34.77	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	21.32	22.36	34.77	PASS
N12	15	5	DFT-64QAM	H	Inner_1RB_Left	20.80	21.84	34.77	PASS
N12	15	5	DFT-64QAM	H	Inner_1RB_Right	20.58	21.62	34.77	PASS
N12	15	5	DFT-64QAM	H	Outer_Full	20.45	21.49	34.77	PASS
N12	15	5	DFT-256QAM	H	Inner_1RB_Left	18.36	19.4	34.77	PASS
N12	15	5	DFT-256QAM	H	Inner_1RB_Right	18.24	19.28	34.77	PASS
N12	15	5	DFT-256QAM	H	Outer_Full	18.47	19.51	34.77	PASS
N12	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	22.94	23.98	34.77	PASS
N12	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	22.83	23.87	34.77	PASS
N12	15	10	DFT-PI2BPSK	L	Outer_Full	23.05	24.09	34.77	PASS
N12	15	10	DFT-QPSK	L	Inner_1RB_Left	23.15	24.19	34.77	PASS
N12	15	10	DFT-QPSK	L	Inner_1RB_Right	22.77	23.81	34.77	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	23.09	24.13	34.77	PASS
N12	15	10	DFT-16QAM	L	Inner_1RB_Left	22.50	23.54	34.77	PASS
N12	15	10	DFT-16QAM	L	Inner_1RB_Right	22.37	23.41	34.77	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	21.50	22.54	34.77	PASS
N12	15	10	DFT-64QAM	L	Inner_1RB_Left	20.89	21.93	34.77	PASS
N12	15	10	DFT-64QAM	L	Inner_1RB_Right	20.66	21.7	34.77	PASS
N12	15	10	DFT-64QAM	L	Outer_Full	20.67	21.71	34.77	PASS
N12	15	10	DFT-256QAM	L	Inner_1RB_Left	18.55	19.59	34.77	PASS
N12	15	10	DFT-256QAM	L	Inner_1RB_Right	18.38	19.42	34.77	PASS
N12	15	10	DFT-256QAM	L	Outer_Full	18.60	19.64	34.77	PASS
N12	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.02	24.06	34.77	PASS
N12	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	22.60	23.64	34.77	PASS
N12	15	10	DFT-PI2BPSK	M	Outer_Full	22.71	23.75	34.77	PASS
N12	15	10	DFT-QPSK	M	Inner_1RB_Left	23.14	24.18	34.77	PASS
N12	15	10	DFT-QPSK	M	Inner_1RB_Right	22.91	23.95	34.77	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	22.72	23.76	34.77	PASS
N12	15	10	DFT-16QAM	M	Inner_1RB_Left	22.51	23.55	34.77	PASS
N12	15	10	DFT-16QAM	M	Inner_1RB_Right	22.23	23.27	34.77	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	21.14	22.18	34.77	PASS
N12	15	10	DFT-64QAM	M	Inner_1RB_Left	20.76	21.8	34.77	PASS
N12	15	10	DFT-64QAM	M	Inner_1RB_Right	20.73	21.77	34.77	PASS
N12	15	10	DFT-64QAM	M	Outer_Full	20.30	21.34	34.77	PASS
N12	15	10	DFT-256QAM	M	Inner_1RB_Left	18.57	19.61	34.77	PASS
N12	15	10	DFT-256QAM	M	Inner_1RB_Right	18.29	19.33	34.77	PASS
N12	15	10	DFT-256QAM	M	Outer_Full	18.31	19.35	34.77	PASS
N12	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	22.96	24	34.77	PASS
N12	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	22.58	23.62	34.77	PASS
N12	15	10	DFT-PI2BPSK	H	Outer_Full	22.56	23.6	34.77	PASS
N12	15	10	DFT-QPSK	H	Inner_1RB_Left	22.96	24	34.77	PASS
N12	15	10	DFT-QPSK	H	Inner_1RB_Right	22.50	23.54	34.77	PASS

N12	15	10	DFT-QPSK	H	Outer_Full	22.62	23.66	34.77	PASS
N12	15	10	DFT-16QAM	H	Inner_1RB_Left	22.08	23.12	34.77	PASS
N12	15	10	DFT-16QAM	H	Inner_1RB_Right	21.66	22.7	34.77	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	21.06	22.1	34.77	PASS
N12	15	10	DFT-64QAM	H	Inner_1RB_Left	20.51	21.55	34.77	PASS
N12	15	10	DFT-64QAM	H	Inner_1RB_Right	20.07	21.11	34.77	PASS
N12	15	10	DFT-64QAM	H	Outer_Full	20.17	21.21	34.77	PASS
N12	15	10	DFT-256QAM	H	Inner_1RB_Left	18.67	19.71	34.77	PASS
N12	15	10	DFT-256QAM	H	Inner_1RB_Right	18.21	19.25	34.77	PASS
N12	15	10	DFT-256QAM	H	Outer_Full	18.21	19.25	34.77	PASS
N12	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.19	24.23	34.77	PASS
N12	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	22.66	23.7	34.77	PASS
N12	15	15	DFT-PI2BPSK	L	Outer_Full	23.05	24.09	34.77	PASS
N12	15	15	DFT-QPSK	L	Inner_1RB_Left	23.10	24.14	34.77	PASS
N12	15	15	DFT-QPSK	L	Inner_1RB_Right	22.65	23.69	34.77	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	23.04	24.08	34.77	PASS
N12	15	15	DFT-16QAM	L	Inner_1RB_Left	22.34	23.38	34.77	PASS
N12	15	15	DFT-16QAM	L	Inner_1RB_Right	21.92	22.96	34.77	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	21.49	22.53	34.77	PASS
N12	15	15	DFT-64QAM	L	Inner_1RB_Left	20.96	22	34.77	PASS
N12	15	15	DFT-64QAM	L	Inner_1RB_Right	20.38	21.42	34.77	PASS
N12	15	15	DFT-64QAM	L	Outer_Full	20.68	21.72	34.77	PASS
N12	15	15	DFT-256QAM	L	Inner_1RB_Left	18.84	19.88	34.77	PASS
N12	15	15	DFT-256QAM	L	Inner_1RB_Right	18.41	19.45	34.77	PASS
N12	15	15	DFT-256QAM	L	Outer_Full	18.65	19.69	34.77	PASS
N12	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.17	24.21	34.77	PASS
N12	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	22.64	23.68	34.77	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	22.96	24	34.77	PASS
N12	15	15	DFT-QPSK	M	Inner_1RB_Left	23.40	24.44	34.77	PASS
N12	15	15	DFT-QPSK	M	Inner_1RB_Right	22.85	23.89	34.77	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	22.97	24.01	34.77	PASS
N12	15	15	DFT-16QAM	M	Inner_1RB_Left	22.32	23.36	34.77	PASS
N12	15	15	DFT-16QAM	M	Inner_1RB_Right	21.78	22.82	34.77	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	21.41	22.45	34.77	PASS
N12	15	15	DFT-64QAM	M	Inner_1RB_Left	20.92	21.96	34.77	PASS
N12	15	15	DFT-64QAM	M	Inner_1RB_Right	20.26	21.3	34.77	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	20.56	21.6	34.77	PASS
N12	15	15	DFT-256QAM	M	Inner_1RB_Left	18.84	19.88	34.77	PASS
N12	15	15	DFT-256QAM	M	Inner_1RB_Right	18.34	19.38	34.77	PASS
N12	15	15	DFT-256QAM	M	Outer_Full	18.55	19.59	34.77	PASS
N12	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.19	24.23	34.77	PASS
N12	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	22.67	23.71	34.77	PASS
N12	15	15	DFT-PI2BPSK	H	Outer_Full	22.87	23.91	34.77	PASS

N12	15	15	DFT-QPSK	H	Inner_1RB_Left	23.38	24.42	34.77	PASS
N12	15	15	DFT-QPSK	H	Inner_1RB_Right	22.82	23.86	34.77	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	22.92	23.96	34.77	PASS
N12	15	15	DFT-16QAM	H	Inner_1RB_Left	22.53	23.57	34.77	PASS
N12	15	15	DFT-16QAM	H	Inner_1RB_Right	21.96	23	34.77	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	21.41	22.45	34.77	PASS
N12	15	15	DFT-64QAM	H	Inner_1RB_Left	21.16	22.2	34.77	PASS
N12	15	15	DFT-64QAM	H	Inner_1RB_Right	20.41	21.45	34.77	PASS
N12	15	15	DFT-64QAM	H	Outer_Full	20.54	21.58	34.77	PASS
N12	15	15	DFT-256QAM	H	Inner_1RB_Left	18.65	19.69	34.77	PASS
N12	15	15	DFT-256QAM	H	Inner_1RB_Right	18.09	19.13	34.77	PASS
N12	15	15	DFT-256QAM	H	Outer_Full	18.47	19.51	34.77	PASS

Field Strength of Spurious Radiation

Test Band = SA_n12 _TM1
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399	62.93	-46.76	24.90	-54.19	-13.00	41.19	Horizontal
2	1812.5	54.57	-46.60	25.45	-61.84	-13.00	48.84	Horizontal
3	1937.5	55.16	-46.46	25.48	-61.08	-13.00	48.08	Horizontal
4	3062.5	51.66	-45.30	28.83	-60.07	-13.00	47.07	Horizontal
5	5611.5	44.33	-41.43	32.58	-59.78	-13.00	46.78	Horizontal
6	9510.5	41.23	-35.04	37.80	-51.27	-13.00	38.27	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399	58.88	-46.76	24.90	-58.24	-13.00	45.24	Vertical
2	1937.5	52.58	-46.46	25.48	-63.66	-13.00	50.66	Vertical
3	3187.5	49.83	-44.73	28.48	-61.68	-13.00	48.68	Vertical
4	4946.5	45.60	-42.62	30.99	-61.29	-13.00	48.29	Vertical
5	7284	42.86	-38.35	36.37	-54.38	-13.00	41.38	Vertical
6	9890	41.00	-35.04	38.52	-50.78	-13.00	37.78	Vertical

Test Band = SA_n12 _TM1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1401	62.31	-46.75	24.91	-54.79	-13.00	41.79	Horizontal
2	1812.5	54.79	-46.60	25.45	-61.62	-13.00	48.62	Horizontal
3	1937.5	55.86	-46.46	25.48	-60.38	-13.00	47.38	Horizontal
4	3062.5	51.13	-45.30	28.83	-60.60	-13.00	47.60	Horizontal
5	4832	45.51	-42.80	30.67	-61.88	-13.00	48.88	Horizontal
6	9884.5	41.00	-35.03	38.48	-50.81	-13.00	37.81	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1401	60.02	-46.75	24.91	-57.08	-13.00	44.08	Vertical
2	1937.5	52.29	-46.46	25.48	-63.95	-13.00	50.95	Vertical
3	3062.5	49.63	-45.30	28.83	-62.10	-13.00	49.10	Vertical
4	4400.5	46.07	-43.22	30.10	-62.31	-13.00	49.31	Vertical
5	6644.5	43.43	-39.29	34.89	-56.23	-13.00	43.23	Vertical
6	9489	41.25	-35.00	37.73	-51.28	-13.00	38.28	Vertical

Test Band = SA_n12 _TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1403	61.18	-46.75	24.92	-55.91	-13.00	42.91	Horizontal
2	1812.5	54.84	-46.60	25.45	-61.57	-13.00	48.57	Horizontal
3	1937.5	55.22	-46.46	25.48	-61.02	-13.00	48.02	Horizontal
4	3062.5	51.29	-45.30	28.83	-60.44	-13.00	47.44	Horizontal
5	4299	45.74	-42.64	29.51	-62.65	-13.00	49.65	Horizontal
6	8884	41.21	-35.47	36.73	-52.79	-13.00	39.79	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1403	56.34	-46.75	24.92	-60.75	-13.00	47.75	Vertical
2	1937.5	52.76	-46.46	25.48	-63.48	-13.00	50.48	Vertical
3	3187.5	48.93	-44.73	28.48	-62.58	-13.00	49.58	Vertical
4	5181.5	44.63	-42.17	31.86	-60.94	-13.00	47.94	Vertical
5	7691	42.01	-37.52	36.76	-54.01	-13.00	41.01	Vertical
6	9931	40.96	-34.97	38.63	-50.64	-13.00	37.64	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---