

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 1GHz~3GHz

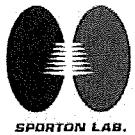
Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-64.58	-63.83	-36.18	-21.25	14.93
5210	-62.69	-64.53	-35.50	-21.25	14.25

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 1GHz~3GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-84.71	-84.66	-56.67	-41.25	15.42
5785	-84.24	-84.59	-56.40	-41.25	15.15
5825	-83.62	-84.40	-55.98	-41.25	14.73

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 1GHz~3GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-71.82	-72.30	-44.04	-21.25	22.79
5785	-69.96	-71.48	-42.64	-21.25	21.39
5825	-69.50	-71.26	-42.28	-21.25	21.03



Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 1GHz~3GHz

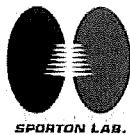
Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-84.65	-83.75	-56.17	-41.25	14.92
5785	-84.53	-84.26	-56.38	-41.25	15.13
5805	-84.40	-84.57	-56.47	-41.25	15.22

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 1GHz~3GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-71.34	-70.80	-43.05	-21.25	21.80
5785	-70.08	-71.02	-42.51	-21.25	21.26
5805	-69.03	-72.22	-42.33	-21.25	21.08

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5180	-73.08	-74.08	-45.54	-41.25	4.29
5200	-74.45	-74.48	-46.45	-41.25	5.20
5240	-74.54	-74.44	-46.48	-41.25	5.23



Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 3GHz~6GHz

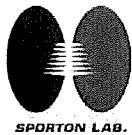
Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5180	-59.50	-60.80	-32.09	-21.25	10.84
5200	-60.58	-62.32	-33.35	-21.25	12.10
5240	-61.00	-60.91	-32.94	-21.25	11.69

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-73.29	-74.45	-45.82	-41.25	4.57
5210	-73.34	-74.38	-45.82	-41.25	4.57

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-60.24	-61.44	-32.79	-21.25	11.54
5210	-59.97	-60.93	-32.41	-21.25	11.16



Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-73.15	-72.43	-44.76	-41.25	3.51
5785	-73.21	-72.72	-44.95	-41.25	3.70
5825	-73.36	-72.59	-44.95	-41.25	3.70

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-61.07	-59.85	-32.41	-21.25	11.16
5785	-60.94	-61.45	-33.18	-21.25	11.93
5825	-60.87	-60.76	-32.80	-21.25	11.55

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-72.89	-72.43	-44.64	-41.25	3.39
5785	-73.10	-72.96	-45.02	-41.25	3.77
5805	-73.35	-72.83	-45.07	-41.25	3.82



Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-60.42	-61.31	-32.83	-21.25	11.58
5785	-60.66	-60.78	-32.71	-21.25	11.46
5805	-60.61	-61.34	-32.95	-21.25	11.70

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 6GHz~9GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5180	-77.83	-74.42	-47.79	-41.25	6.54
5200	-77.77	-74.23	-47.64	-41.25	6.39
5240	-77.76	-74.33	-47.70	-41.25	6.45

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 6GHz~9GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5180	-65.31	-61.60	-35.06	-21.25	13.81
5200	-65.14	-61.37	-34.85	-21.25	13.60
5240	-64.69	-61.28	-34.65	-21.25	13.40



Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 6GHz~9GHz

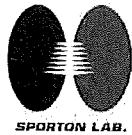
Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-77.80	-74.21	-47.63	-41.25	6.38
5210	-77.40	-74.26	-47.54	-41.25	6.29

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 6GHz~9GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-65.12	-61.65	-35.04	-21.25	13.79
5210	-65.02	-61.30	-34.76	-21.25	13.51

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 6GHz~9GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-75.55	-73.76	-46.55	-41.25	5.30
5785	-75.69	-73.61	-46.52	-41.25	5.27
5825	-75.15	-73.53	-46.25	-41.25	5.00



Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 6GHz~9GHz

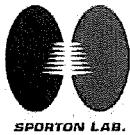
Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-63.23	-61.91	-34.51	-21.25	13.26
5785	-63.61	-60.42	-33.72	-21.25	12.47
5825	-63.52	-60.26	-33.58	-21.25	12.33

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 6GHz~9GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-77.41	-73.57	-47.07	-41.25	5.82
5785	-77.25	-73.67	-47.09	-41.25	5.84
5805	-75.95	-73.72	-46.68	-41.25	5.43

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 6GHz~9GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-64.19	-60.71	-34.10	-21.25	12.85
5785	-65.21	-60.66	-34.35	-21.25	13.10
5805	-64.24	-61.02	-34.33	-21.25	13.08



SPARTON LAB.

Report No.: FR7D0728

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 9GHz~18GHz

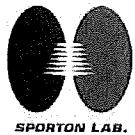
Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5180	-77.98	-78.02	-49.99	-41.25	8.74
5200	-77.93	-78.12	-50.01	-41.25	8.76
5240	-78.00	-78.15	-50.06	-41.25	8.81

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 9GHz~18GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5180	-65.65	-65.33	-37.48	-21.25	16.23
5200	-65.91	-64.00	-36.84	-21.25	15.59
5240	-65.60	-65.40	-37.49	-21.25	16.24

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 9GHz~18GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-78.11	-77.79	-49.94	-41.25	8.69
5210	-78.04	-77.87	-49.94	-41.25	8.69



Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 9GHz~18GHz

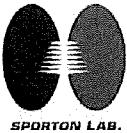
Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-65.09	-65.38	-37.22	-21.25	15.97
5210	-65.46	-66.00	-37.71	-21.25	16.46

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 9GHz~18GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-78.27	-78.29	-50.27	-41.25	9.02
5785	-77.99	-78.00	-49.98	-41.25	8.73
5825	-78.15	-78.12	-50.12	-41.25	8.87

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 9GHz~18GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-66.42	-65.97	-38.18	-21.25	16.93
5785	-65.17	-65.26	-37.20	-21.25	15.95
5825	-65.31	-65.81	-37.54	-21.25	16.29



Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 9GHz~18GHz

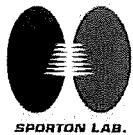
Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-77.98	-77.91	-49.93	-41.25	8.68
5785	-78.13	-78.16	-50.13	-41.25	8.88
5805	-78.20	-78.09	-50.13	-41.25	8.88

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 9GHz~18GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-65.22	-65.75	-37.47	-21.25	16.22
5785	-65.70	-65.23	-37.45	-21.25	16.20
5805	-64.94	-64.34	-36.62	-21.25	15.37

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 18GHz~40GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5180	-72.90	-72.88	-44.88	-41.25	3.63
5200	-72.87	-72.96	-44.90	-41.25	3.65
5240	-72.91	-72.78	-44.83	-41.25	3.58



Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 18GHz~40GHz

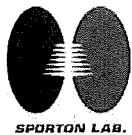
Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5180	-60.23	-60.10	-32.15	-21.25	10.90
5200	-59.75	-59.80	-31.76	-21.25	10.51
5240	-59.61	-60.21	-31.89	-21.25	10.64

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 18GHz~40GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-73.01	-72.88	-44.93	-41.25	3.68
5210	-72.98	-72.83	-44.89	-41.25	3.64

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 18GHz~40GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-60.10	-60.01	-32.04	-21.25	10.79
5210	-60.11	-59.33	-31.69	-21.25	10.44



Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 18GHz~40GHz

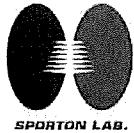
Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-72.98	-72.93	-44.94	-41.25	3.69
5785	-72.93	-72.96	-44.93	-41.25	3.68
5825	-72.89	-72.87	-44.87	-41.25	3.62

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 18GHz~40GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-60.92	-60.68	-32.79	-21.25	11.54
5785	-60.37	-60.79	-32.56	-21.25	11.31
5825	-59.52	-59.78	-31.64	-21.25	10.39

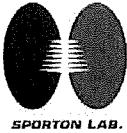
Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 18GHz~40GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-72.87	-72.88	-44.86	-41.25	3.61
5785	-72.99	-72.86	-44.91	-41.25	3.66
5805	-72.80	-72.94	-44.86	-41.25	3.61



Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 18GHz~40GHz

Frequency(MHz)	Chain 1 (Tx1) Spurious Level (dBm)	Chain 2 (Tx2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-60.34	-60.61	-32.46	-21.25	11.21
5785	-59.91	-59.46	-31.67	-21.25	10.42
5805	-60.23	-60.55	-32.38	-21.25	11.13



For Antenna 3:

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 1GHz~3GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5180	-84.28	-84.39	-79.32	-41.25	38.07
5200	-84.57	-84.30	-79.42	-41.25	38.17
5240	-84.34	-84.14	-79.23	-41.25	37.98

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 1GHz~3GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5180	-70.85	-71.36	-66.09	-21.25	44.84
5200	-71.16	-71.78	-66.45	-21.25	45.20
5240	-70.83	-71.47	-66.13	-21.25	44.88

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 1GHz~3GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-84.23	-84.39	-79.30	-41.25	38.05
5210	-84.30	-84.23	-79.25	-41.25	38.00



SPARTON LAB.

Report No.: FR7D0728

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 1GHz~3GHz

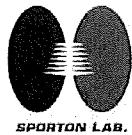
Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-70.81	-71.72	-66.23	-21.25	44.98
5210	-71.17	-70.71	-65.92	-21.25	44.67

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 1GHz~3GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-84.51	-84.68	-79.58	-41.25	38.33
5785	-84.70	-84.67	-79.67	-41.25	38.42
5825	-84.47	-84.40	-79.42	-41.25	38.17

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 1GHz~3GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-71.29	-71.51	-66.39	-21.25	45.14
5785	-71.63	-71.75	-66.68	-21.25	45.43
5825	-71.61	-72.14	-66.86	-21.25	45.61



SPURTON LAB.

Report No.: FR7D0728

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 1GHz~3GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-84.05	-84.54	-79.28	-41.25	38.03
5785	-84.43	-84.47	-79.44	-41.25	38.19
5805	-84.16	-84.49	-79.31	-41.25	38.06

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 1GHz~3GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-62.70	-70.38	-60.02	-21.25	38.77
5785	-65.95	-63.36	-59.45	-21.25	38.20
5805	-66.33	-71.48	-63.17	-21.25	41.92

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5180	-60.28	-55.34	-52.13	-41.25	10.88
5200	-60.86	-56.50	-53.14	-41.25	11.89
5240	-59.44	-57.90	-53.59	-41.25	12.34



SPARTON LAB.

Report No.: FR7D0728

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 3GHz~6GHz

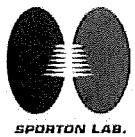
Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5180	-48.99	-44.02	-40.82	-21.25	19.57
5200	-46.25	-43.02	-39.33	-21.25	18.08
5240	-47.29	-40.18	-37.41	-21.25	16.16

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-55.41	-51.88	-48.29	-41.25	7.04
5210	-55.15	-52.24	-48.45	-41.25	7.20

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Peak / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5200	-42.61	-38.92	-35.37	-21.25	14.12
5210	-42.54	-38.26	-34.88	-21.25	13.63



Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Average / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-66.24	-63.28	-59.50	-41.25	18.25
5785	-65.28	-65.08	-60.17	-41.25	18.92
5825	-66.23	-65.14	-60.64	-41.25	19.39

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 20M / Peak / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5745	-53.73	-52.21	-47.89	-21.25	26.64
5785	-53.58	-53.77	-48.66	-21.25	27.41
5825	-53.69	-53.63	-48.65	-21.25	27.40

Temperature	22°C	Humidity	56%
Test Engineer	Serway Li	Configurations	QPSK, 80M / Average / Port 1 + Port 2 / 3GHz~6GHz

Frequency(MHz)	Chain 1 (TX1) Spurious Level (dBm)	Chain 2 (TX2) Spurious Level (dBm)	Total Spurious Level (dBm)	Limit (dBm)	Margin (dB)
5765	-63.55	-63.24	-58.38	-41.25	17.13
5785	-64.10	-63.40	-58.73	-41.25	17.48
5805	-63.98	-63.25	-58.59	-41.25	17.34