

2TX Antenna 1 + Antenna 2 MODE : 106-Tones, RU index 53

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	0.10	30.00	36	30.00
Low 2	2417	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00
High 12	2467	0.10	30.00	36	30.00
High 13	2472	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low 1	2412	21.08	21.57	24.34	30.00	-5.66
Low 2	2417	22.44	22.43	25.45	30.00	-4.55
Mid 6	2437	23.03	23.78	26.43	30.00	-3.57
High 10	2457	23.66	23.59	26.64	30.00	-3.36
High 11	2462	22.23	21.17	24.74	30.00	-5.26
High 12	2467	21.12	21.77	24.47	30.00	-5.53
High 13	2472	20.12	20.24	23.19	30.00	-6.81

2TX Antenna 1 + Antenna 2 MODE : 106-Tones, RU index 54

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	0.10	30.00	36	30.00
Low 2	2417	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00
High 12	2467	0.10	30.00	36	30.00
High 13	2472	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low 1	2412	20.12	21.13	23.66	30.00	-6.34
Low 2	2417	22.42	22.48	25.46	30.00	-4.54
Mid 6	2437	22.54	22.53	25.55	30.00	-4.45
High 10	2457	22.09	22.06	25.09	30.00	-4.91
High 11	2462	21.02	21.52	24.29	30.00	-5.71
High 12	2467	21.88	21.97	24.94	30.00	-5.06
High 13	2472	19.87	20.02	22.96	30.00	-7.04

2TX Antenna 1 + Antenna 2 MODE : 52-Tones, RU index 37

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	0.10	30.00	36	30.00
Low 2	2417	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00
High 12	2467	0.10	30.00	36	30.00
High 13	2472	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low 1	2412	21.02	21.37	24.21	30.00	-5.79
Low 2	2417	22.10	22.41	25.27	30.00	-4.73
Mid 6	2437	22.36	22.32	25.35	30.00	-4.65
High 10	2457	21.89	21.77	24.84	30.00	-5.16
High 11	2462	21.12	21.36	24.25	30.00	-5.75
High 12	2467	21.19	22.14	24.70	30.00	-5.30
High 13	2472	19.58	19.89	22.75	30.00	-7.25

2TX Antenna 1 + Antenna 2 MODE : 52-Tones, RU index 38

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	0.10	30.00	36	30.00
Low 2	2417	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00
High 12	2467	0.10	30.00	36	30.00
High 13	2472	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low 1	2412	21.04	21.12	24.09	30.00	-5.91
Low 2	2417	22.40	22.53	25.48	30.00	-4.52
Mid 6	2437	22.26	22.35	25.32	30.00	-4.68
High 10	2457	21.89	22.03	24.97	30.00	-5.03
High 11	2462	20.09	21.61	23.93	30.00	-6.07
High 12	2467	20.27	20.36	23.33	30.00	-6.67
High 13	2472	17.16	18.36	20.81	30.00	-9.19

2TX Antenna 1 + Antenna 2 MODE : 52-Tones, RU index 40

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	0.10	30.00	36	30.00
Low 2	2417	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00
High 12	2467	0.10	30.00	36	30.00
High 13	2472	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low 1	2412	21.17	21.05	24.12	30.00	-5.88
Low 2	2417	22.30	22.43	25.38	30.00	-4.62
Mid 6	2437	22.23	22.37	25.31	30.00	-4.69
High 10	2457	22.45	22.42	25.45	30.00	-4.55
High 11	2462	21.12	22.47	24.86	30.00	-5.14
High 12	2467	21.25	22.12	24.72	30.00	-5.28
High 13	2472	17.92	17.34	20.65	30.00	-9.35

2TX Antenna 1 + Antenna 2 MODE: 26-Tones, RU index 0

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	0.10	30.00	36	30.00
Low 2	2417	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00
High 12	2467	0.10	30.00	36	30.00
High 13	2472	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low 1	2412	20.67	20.82	23.76	30.00	-6.24
Low 2	2417	21.63	22.32	25.00	30.00	-5.00
Mid 6	2437	21.53	22.61	25.11	30.00	-4.89
High 10	2457	21.12	21.44	24.29	30.00	-5.71
High 11	2462	20.87	21.48	24.20	30.00	-5.80
High 12	2467	20.54	20.74	23.65	30.00	-6.35
High 13	2472	19.17	19.12	22.16	30.00	-7.84

2TX Antenna 1 + Antenna 2 MODE: 26-Tones, RU index 4

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	0.10	30.00	36	30.00
Low 2	2417	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00
High 12	2467	0.10	30.00	36	30.00
High 13	2472	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low 1	2412	20.74	21.02	23.89	30.00	-6.11
Low 2	2417	21.64	21.72	24.69	30.00	-5.31
Mid 6	2437	21.74	21.74	24.75	30.00	-5.25
High 10	2457	21.39	21.89	24.66	30.00	-5.34
High 11	2462	20.87	21.12	24.01	30.00	-5.99
High 12	2467	20.78	21.12	23.96	30.00	-6.04
High 13	2472	18.35	18.76	21.57	30.00	-8.43

2TX Antenna 1 + Antenna 2 MODE: 26-Tones, RU index 8

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 1	2412	0.10	30.00	36	30.00
Low 2	2417	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00
High 12	2467	0.10	30.00	36	30.00
High 13	2472	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margi (dB)
Low 1	2412	21.13	20.18	23.69	30.00	-6.31
Low 2	2417	21.78	21.79	24.80	30.00	-5.20
Mid 6	2437	21.74	22.12	24.94	30.00	-5.06
High 10	2457	21.28	22.50	24.94	30.00	-5.06
High 11	2462	21.12	20.89	24.02	30.00	-5.98
High 12	2467	20.88	21.18	24.04	30.00	-5.96
High 13	2472	18.87	18.97	21.93	30.00	-8.07

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2TX Antenna 1 + Antenna 2 MODE: SU

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Low 5	2432	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 7	2442	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	18.95	19.51	22.25	30.00	-7.75
Low 4	2427	20.35	21.05	23.72	30.00	-6.28
Low 5	2432	21.09	21.28	24.20	30.00	-5.80
Mid 6	2437	21.89	22.49	25.21	30.00	-4.79
High 7	2442	20.24	20.68	23.48	30.00	-6.52
High 8	2447	20.39	21.21	23.83	30.00	-6.17
High 9	2452	16.02	16.34	19.19	30.00	-10.81
High 10	2457	15.77	16.67	19.25	30.00	-10.75
High 11	2462	16.22	16.89	19.58	30.00	-10.42

2TX Antenna 1 + Antenna 2 MODE: 484-Tones, RU index 65

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Low 5	2432	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 7	2442	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	19.81	20.37	23.11	30.00	-6.89
Low 4	2427	20.62	21.02	23.83	30.00	-6.17
Low 5	2432	20.83	21.97	24.45	30.00	-5.55
Mid 6	2437	21.51	22.40	24.99	30.00	-5.01
High 7	2442	20.15	21.19	23.71	30.00	-6.29
High 8	2447	20.38	21.04	23.73	30.00	-6.27
High 9	2452	16.19	16.83	19.53	30.00	-10.47
High 10	2457	16.55	16.89	19.73	30.00	-10.27
High 11	2462	16.22	16.42	19.33	30.00	-10.67

2TX Antenna 1 + Antenna 2 MODE: 242-Tones, RU index 61

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	21.42	21.79	24.62	30.00	-5.38
Low 4	2427	22.88	23.13	26.02	30.00	-3.98
Mid 6	2437	22.83	23.06	25.96	30.00	-4.04
High 8	2447	23.04	23.45	26.26	30.00	-3.74
High 9	2452	20.84	21.02	23.94	30.00	-6.06
High 10	2457	18.57	18.27	21.43	30.00	-8.57
High 11	2462	16.54	16.82	19.69	30.00	-10.31

2TX Antenna 1 + Antenna 2 MODE: 242-Tones, RU index 62

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	21.49	22.12	24.83	30.00	-5.17
Low 4	2427	23.07	23.22	26.16	30.00	-3.84
Mid 6	2437	23.04	23.27	26.17	30.00	-3.83
High 8	2447	23.14	23.22	26.19	30.00	-3.81
High 9	2452	20.82	21.03	23.94	30.00	-6.06
High 10	2457	18.04	18.23	21.15	30.00	-8.85
High 11	2462	16.86	17.75	20.34	30.00	-9.66

2TX Antenna 1 + Antenna 2 MODE: 106-Tones, RU index 53

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	21.27	21.58	24.44	30.00	-5.56
Low 4	2427	22.08	22.39	25.25	30.00	-4.75
Mid 6	2437	22.09	22.45	25.28	30.00	-4.72
High 8	2447	22.27	22.52	25.41	30.00	-4.59
High 9	2452	21.51	21.66	24.60	30.00	-5.40
High 10	2457	21.23	22.18	24.74	30.00	-5.26
High 11	2462	19.26	20.12	22.72	30.00	-7.28

2TX Antenna 1 + Antenna 2 MODE: 106-Tones, RU index 54

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	21.34	20.63	24.01	30.00	-5.99
Low 4	2427	22.36	22.59	25.49	30.00	-4.51
Mid 6	2437	22.41	22.71	25.57	30.00	-4.43
High 8	2447	22.28	22.47	25.39	30.00	-4.61
High 9	2452	21.48	21.88	24.69	30.00	-5.31
High 10	2457	21.55	21.69	24.63	30.00	-5.37
High 11	2462	19.87	20.02	22.96	30.00	-7.04

2TX Antenna 1 + Antenna 2 MODE: 106-Tones, RU index 56

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	20.63	21.37	24.03	30.00	-5.97
Low 4	2427	22.39	22.57	25.49	30.00	-4.51
Mid 6	2437	22.24	22.74	25.51	30.00	-4.49
High 8	2447	22.35	22.45	25.41	30.00	-4.59
High 9	2452	21.55	21.65	24.61	30.00	-5.39
High 10	2457	21.37	21.52	24.46	30.00	-5.54
High 11	2462	20.17	20.36	23.28	30.00	-6.72

2TX Antenna 1 + Antenna 2 MODE: 52-Tones, RU index 37

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	20.51	20.62	23.58	30.00	-6.42
Low 4	2427	21.89	22.13	25.02	30.00	-4.98
Mid 6	2437	21.91	22.15	25.04	30.00	-4.96
High 8	2447	22.01	22.17	25.10	30.00	-4.90
High 9	2452	20.08	20.26	23.18	30.00	-6.82
High 10	2457	20.79	21.03	23.92	30.00	-6.08
High 11	2462	17.36	17.52	20.45	30.00	-9.55

2TX Antenna 1 + Antenna 2 MODE: 52-Tones, RU index 40

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	20.84	21.03	23.95	30.00	-6.05
Low 4	2427	21.89	22.18	25.05	30.00	-4.95
Mid 6	2437	21.93	22.33	25.14	30.00	-4.86
High 8	2447	21.97	22.36	25.18	30.00	-4.82
High 9	2452	20.15	20.88	23.54	30.00	-6.46
High 10	2457	20.69	20.85	23.78	30.00	-6.22
High 11	2462	19.87	20.05	22.97	30.00	-7.03

2TX Antenna 1 + Antenna 2 MODE: 52-Tones, RU index 44

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	20.79	21.16	23.99	30.00	-6.01
Low 4	2427	21.88	22.13	25.02	30.00	-4.98
Mid 6	2437	22.05	22.47	25.28	30.00	-4.72
High 8	2447	22.01	22.41	25.22	30.00	-4.78
High 9	2452	20.26	20.77	23.53	30.00	-6.47
High 10	2457	20.89	21.05	23.98	30.00	-6.02
High 11	2462	19.79	20.07	22.94	30.00	-7.06

2TX Antenna 1 + Antenna 2 MODE: 26-Tones, RU index 0

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	19.22	19.88	22.57	30.00	-7.43
Low 4	2427	21.47	21.72	24.61	30.00	-5.39
Mid 6	2437	21.41	21.89	24.67	30.00	-5.33
High 8	2447	21.77	21.89	24.84	30.00	-5.16
High 9	2452	19.67	19.73	22.71	30.00	-7.29
High 10	2457	19.89	19.94	22.93	30.00	-7.07
High 11	2462	17.63	17.05	20.36	30.00	-9.64

2TX Antenna 1 + Antenna 2 MODE: 26-Tones, RU index 8

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	19.87	20.05	22.97	30.00	-7.03
Low 4	2427	21.34	21.81	24.59	30.00	-5.41
Mid 6	2437	22.03	22.38	25.22	30.00	-4.78
High 8	2447	21.51	21.81	24.67	30.00	-5.33
High 9	2452	19.64	19.91	22.79	30.00	-7.21
High 10	2457	20.01	20.12	23.08	30.00	-6.92
High 11	2462	17.53	17.04	20.30	30.00	-9.70

2TX Antenna 1 + Antenna 2 MODE: 26-Tones, RU index 17

Limits

Channel	Frequency (MHz)	Directional Gain (dBi)	FCC/ISED Power Limit (dBm)	ISED EIRP Limit (dBm)	Max Power (dBm)
Low 3	2422	0.10	30.00	36	30.00
Low 4	2427	0.10	30.00	36	30.00
Mid 6	2437	0.10	30.00	36	30.00
High 8	2447	0.10	30.00	36	30.00
High 9	2452	0.10	30.00	36	30.00
High 10	2457	0.10	30.00	36	30.00
High 11	2462	0.10	30.00	36	30.00

Results

Channel	Frequency (MHz)	Chain 0 Measured Power (dBm)	Chain 1 Measured Power (dBm)	Total Corr'd Power (dBm)	Power Limit (dBm)	Margin (dB)
Low 3	2422	19.79	20.01	22.91	30.00	-7.09
Low 4	2427	21.42	21.66	24.55	30.00	-5.45
Mid 6	2437	22.03	22.35	25.20	30.00	-4.80
High 8	2447	21.88	21.92	24.91	30.00	-5.09
High 9	2452	19.84	20.11	22.99	30.00	-7.01
High 10	2457	19.89	20.07	22.99	30.00	-7.01
High 11	2462	17.47	17.08	20.29	30.00	-9.71

8.5. AVERAGE POWER

LIMITS

None; for reporting purposes only

TEST PROCEDURE

The transmitter output is connected to a power meter.

The cable assembly insertion loss was entered as an offset in the power meter to allow for a gated average reading of power

RESULTS

8.5.1. 802.11ax HE20 MODE 2TX

2TX Antenna 1 + Antenna 2 MODE SU

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 1	2412	14.52	15.10	17.83
Low 2	2417	18.13	18.22	21.19
Mid 6	2437	18.67	18.82	21.76
High 10	2457	17.12	17.23	20.19
High 11	2462	13.58	13.69	16.65
High 12	2467	12.42	12.55	15.50
High 13	2472	11.50	12.16	14.85

2TX Antenna 1 + Antenna 2 MODE 242-Tones RU 61

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 1	2412	15.07	15.27	18.18
Low 2	2417	18.56	18.71	21.65
Mid 6	2437	18.69	18.79	21.75
High 10	2457	17.23	17.35	20.30
High 11	2462	13.62	13.74	16.69
High 12	2467	12.67	12.88	15.79
High 13	2472	11.65	11.73	14.70

2TX Antenna 1 + Antenna 2 MODE: 106-Tones, RU index 53

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 1	2412	12.66	12.83	15.76
Low 2	2417	18.53	18.74	21.65
Mid 6	2437	18.82	19.86	22.38
High 10	2457	18.69	19.36	22.05
High 11	2462	13.38	13.53	16.47
High 12	2467	13.29	13.51	16.41
High 13	2472	11.53	11.67	14.61

2TX Antenna 1 + Antenna 2 MODE: 106-Tones, RU index 54

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 1	2412	12.56	12.91	15.75
Low 2	2417	18.94	18.84	21.90
Mid 6	2437	18.82	18.89	21.87
High 10	2457	18.23	18.38	21.32
High 11	2462	13.27	13.42	16.36
High 12	2467	13.24	13.48	16.37
High 13	2472	11.52	11.65	14.60

2TX Antenna 1 + Antenna 2 MODE: 52-Tones, RU index 37

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 1	2412	13.16	13.24	16.21
Low 2	2417	18.37	18.56	21.48
Mid 6	2437	18.41	18.52	21.48
High 10	2457	18.47	18.56	21.53
High 11	2462	13.69	13.89	16.80
High 12	2467	13.72	13.74	16.74
High 13	2472	11.63	11.55	14.60

2TX Antenna 1 + Antenna 2 MODE: 52-Tones, RU index 38

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 1	2412	13.29	13.55	16.43
Low 2	2417	18.82	19.26	22.06
Mid 6	2437	18.66	18.81	21.75
High 10	2457	18.43	18.62	21.54
High 11	2462	13.89	13.60	16.76
High 12	2467	14.13	14.28	17.22
High 13	2472	11.83	11.64	14.75

2TX Antenna 1 + Antenna 2 MODE: 52-Tones, RU index 40

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 1	2412	13.29	13.44	16.38
Low 2	2417	18.62	18.97	21.81
Mid 6	2437	18.74	18.85	21.81
High 10	2457	18.55	18.75	21.66
High 11	2462	13.75	13.81	16.79
High 12	2467	13.77	13.84	16.82
High 13	2472	11.80	11.95	14.89

2TX Antenna 1 + Antenna 2 MODE: 26-Tones, RU index 0

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 1	2412	13.17	13.27	16.23
Low 2	2417	18.64	18.79	21.73
Mid 6	2437	18.61	18.64	21.64
High 10	2457	18.13	18.28	21.22
High 11	2462	13.61	13.79	16.71
High 12	2467	13.22	13.42	16.33
High 13	2472	11.17	11.39	14.29

2TX Antenna 1 + Antenna 2 MODE: 26-Tones, RU index 4

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 1	2412	13.22	13.57	16.41
Low 2	2417	18.63	18.85	21.75
Mid 6	2437	18.64	18.72	21.69
High 10	2457	18.16	18.36	21.27
High 11	2462	13.67	13.84	16.77
High 12	2467	13.37	13.68	16.54
High 13	2472	11.32	11.44	14.39

2TX Antenna 1 + Antenna 2 MODE: 26-Tones, RU index 8

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 1	2412	13.15	13.44	16.31
Low 2	2417	18.63	18.71	21.68
Mid 6	2437	18.54	18.72	21.64
High 10	2457	18.20	18.36	21.29
High 11	2462	13.63	13.74	16.70
High 12	2467	13.11	13.37	16.25
High 13	2472	11.37	11.58	14.49

8.5.2. 802.11ax HE40 MODE 2TX

2TX Antenna 1 + Antenna 2 MODE SU

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	14.39	14.82	17.62
Low 4	2427	15.79	16.17	18.99
Low 5	2432	16.39	16.69	19.55
Mid 6	2437	17.21	17.53	20.38
High 7	2442	15.88	16.11	19.01
High 8	2447	15.84	16.21	19.04
High 9	2452	11.06	11.71	14.41
High 10	2457	11.07	11.72	14.42
High 11	2462	10.63	11.12	13.89

2TX Antenna 1 + Antenna 2 MODE: 484-Tones, RU index 65

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	14.66	15.02	17.85
Low 4	2427	16.16	16.56	19.37
Low 5	2432	16.61	16.95	19.79
Mid 6	2437	17.55	17.89	20.73
High 7	2442	16.06	16.49	19.29
High 8	2447	16.22	16.47	19.36
High 9	2452	11.17	11.91	14.57
High 10	2457	11.33	11.95	14.66
High 11	2462	10.73	11.44	14.11

2TX Antenna 1 + Antenna 2 MODE: 242-Tones, RU index 61

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	16.44	16.78	19.62
Low 4	2427	18.43	18.71	21.58
Mid 6	2437	18.48	18.71	21.61
High 8	2447	18.52	18.77	21.66
High 9	2452	15.71	15.91	18.82
High 10	2457	12.26	12.58	15.43
High 11	2462	10.49	10.64	13.58

2TX Antenna 1 + Antenna 2 MODE: 242-Tones, RU index 62

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	16.51	16.77	19.65
Low 4	2427	18.52	18.73	21.64
Mid 6	2437	18.55	18.74	21.66
High 8	2447	18.53	18.72	21.64
High 9	2452	15.62	15.77	18.71
High 10	2457	12.22	12.51	15.38
High 11	2462	10.61	10.95	13.79

2TX Antenna 1 + Antenna 2 MODE: 106-Tones, RU index 53

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	15.99	16.01	19.01
Low 4	2427	18.32	18.56	21.45
Mid 6	2437	18.42	18.72	21.58
High 8	2447	18.68	18.86	21.78
High 9	2452	13.59	13.88	16.75
High 10	2457	13.02	13.32	16.18
High 11	2462	11.03	11.51	14.29

2TX Antenna 1 + Antenna 2 MODE: 106-Tones, RU index 54

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	15.92	16.01	18.98
Low 4	2427	18.72	18.97	21.86
Mid 6	2437	18.72	18.91	21.83
High 8	2447	18.67	18.89	21.79
High 9	2452	13.62	13.89	16.77
High 10	2457	13.06	13.38	16.23
High 11	2462	11.12	11.35	14.25

2TX Antenna 1 + Antenna 2 MODE: 106-Tones, RU index 56

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	15.80	16.10	18.96
Low 4	2427	18.58	18.84	21.72
Mid 6	2437	18.71	18.84	21.79
High 8	2447	18.57	18.82	21.71
High 9	2452	13.55	13.87	16.72
High 10	2457	13.09	13.37	16.24
High 11	2462	11.15	11.39	14.28

2TX Antenna 1 + Antenna 2 MODE: 52-Tones, RU index 37

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	13.64	13.96	16.81
Low 4	2427	18.48	18.72	21.61
Mid 6	2437	18.42	18.60	21.52
High 8	2447	18.52	18.69	21.62
High 9	2452	12.95	13.12	16.05
High 10	2457	13.11	13.42	16.28
High 11	2462	12.12	12.10	15.12

2TX Antenna 1 + Antenna 2 MODE: 52-Tones, RU index 40

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	13.72	14.02	16.88
Low 4	2427	18.37	18.51	21.45
Mid 6	2437	18.29	18.72	21.52
High 8	2447	18.48	18.71	21.61
High 9	2452	12.94	13.21	16.09
High 10	2457	13.12	13.32	16.23
High 11	2462	11.52	11.69	14.62

2TX Antenna 1 + Antenna 2 MODE: 52-Tones, RU index 44

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	13.79	14.05	16.93
Low 4	2427	18.42	18.72	21.58
Mid 6	2437	18.55	18.84	21.71
High 8	2447	18.51	18.78	21.66
High 9	2452	12.98	13.26	16.13
High 10	2457	13.15	13.35	16.26
High 11	2462	11.66	11.85	14.77

2TX Antenna 1 + Antenna 2 MODE: 26-Tones, RU index 0

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	13.24	13.55	16.41
Low 4	2427	18.51	18.59	21.56
Mid 6	2437	18.76	18.91	21.85
High 8	2447	18.94	19.04	22.00
High 9	2452	13.12	13.42	16.28
High 10	2457	13.12	13.29	16.22
High 11	2462	11.88	11.55	14.73

2TX Antenna 1 + Antenna 2 MODE: 26-Tones, RU index 8

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	13.21	13.53	16.38
Low 4	2427	18.42	18.61	21.53
Mid 6	2437	18.89	19.04	21.98
High 8	2447	18.97	19.12	22.06
High 9	2452	13.13	13.28	16.22
High 10	2457	13.21	13.46	16.35
High 11	2462	11.65	11.44	14.56

2TX Antenna 1 + Antenna 2 MODE: 26-Tones, RU index 17

Channel	Frequency (MHz)	Antenna 1 Power (dBm)	Antenna 2 Power (dBm)	Total Power (dBm)
Low 3	2422	13.27	13.53	16.41
Low 4	2427	18.35	18.52	21.45
Mid 6	2437	18.94	19.11	22.04
High 8	2447	18.93	19.12	22.04
High 9	2452	13.23	13.45	16.35
High 10	2457	13.25	13.52	16.40
High 11	2462	10.96	11.24	14.11

8.6. POWER SPECTRAL DENSITY

LIMITS

FCC §15.247 (e)

RSS-247 (5.2) (b)

The power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

RESULTS

8.6.1. 802.11ax HE20 MODE 2TX

Antenna 1 + Antenna 2 2TX MODE SU

Duty Cycle CF (dB)	0.00	Included in Calculations of Corr'd PSD
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PSD Results

Channel	Frequency (MHz)	Chain 0 Measured (dBm/ 3kHz)	Chain 1 Measured (dBm/ 3kHz)	Total Corr'd PSD (dBm/ 3kHz)	Limit (dBm/ 3kHz)	Margin (dB)
Low 1	2412	-8.789	-8.787	-5.78	8.0	-13.8
Low 2	2417	-6.496	-6.056	-3.26	8.0	-11.3
Mid 6	2437	-5.781	-5.763	-2.76	8.0	-10.8
High 10	2457	-8.424	-8.348	-5.38	8.0	-13.4
High 11	2462	-10.979	-10.898	-7.93	8.0	-15.9
High 12	2467	-12.796	-12.098	-9.42	8.0	-17.4
High 13	2472	-13.726	-13.092	-10.39	8.0	-18.4





