



REPORT No.: SZ22100113S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacture document.

Band 71 (Full Power)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	23.29	23.37	23.32	24
20	QPSK	1	49	23.26	23.29	23.24	
20	QPSK	1	99	23.19	23.23	23.27	
20	QPSK	50	0	22.29	22.31	22.27	
20	QPSK	50	24	22.22	22.19	22.22	23
20	QPSK	50	50	22.16	22.26	22.12	
20	QPSK	100	0	22.13	22.17	22.05	
20	16QAM	1	0	22.41	22.43	22.39	
20	16QAM	1	49	22.34	22.31	22.34	23
20	16QAM	1	99	22.28	22.38	22.24	
20	16QAM	50	0	21.19	21.23	21.11	
20	16QAM	50	24	21.28	21.25	21.28	
20	16QAM	50	50	21.22	21.32	21.18	22
20	16QAM	100	0	21.19	21.23	21.11	
20	64QAM	1	0	21.55	21.57	21.53	
20	64QAM	1	49	21.48	21.45	21.48	
20	64QAM	1	99	21.42	21.52	21.38	21
20	64QAM	50	0	21.11	21.15	21.03	
20	64QAM	50	24	21.20	21.17	21.20	
20	64QAM	50	50	21.14	21.24	21.10	
20	64QAM	100	0	21.11	21.15	21.03	
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	Tune-up limit (dBm)
15	QPSK	1	0	23.20	23.28	23.23	24
15	QPSK	1	37	23.17	23.20	23.15	
15	QPSK	1	74	23.10	23.14	23.18	
15	QPSK	36	0	22.20	22.22	22.18	
15	QPSK	36	20	22.13	22.10	22.13	23
15	QPSK	36	39	22.07	22.17	22.03	
15	QPSK	75	0	22.04	22.08	21.96	
15	16QAM	1	0	22.32	22.34	22.30	
15	16QAM	1	37	22.25	22.22	22.25	23
15	16QAM	1	74	22.19	22.29	22.15	
15	16QAM	36	0	21.10	21.14	21.02	
15	16QAM	36	20	21.19	21.16	21.19	
15	16QAM	36	39	21.13	21.23	21.09	22
15	16QAM	75	0	21.10	21.14	21.02	
15	64QAM	1	0	21.46	21.48	21.44	
15	64QAM	1	37	21.39	21.36	21.39	
15	64QAM	1	74	21.33	21.43	21.29	21
15	64QAM	36	0	21.02	21.06	20.94	
15	64QAM	36	20	21.11	21.08	21.11	
15	64QAM	36	39	21.05	21.15	21.01	
15	64QAM	75	0	21.02	21.06	20.94	
Channel				133172	133272	133422	
Frequency (MHz)				668	678	693	Tune-up limit (dBm)
10	QPSK	1	0	23.12	23.20	23.15	24
10	QPSK	1	25	23.09	23.12	23.07	
10	QPSK	1	49	23.02	23.06	23.10	
10	QPSK	25	0	22.12	22.14	22.10	
10	QPSK	25	12	22.05	22.02	22.05	23
10	QPSK	25	25	21.99	22.09	21.95	
10	QPSK	50	0	21.96	22.00	21.88	
10	16QAM	1	0	22.24	22.26	22.22	
10	16QAM	1	25	22.17	22.14	22.17	23
10	16QAM	1	49	22.11	22.21	22.07	
10	16QAM	25	0	21.02	21.06	20.94	
10	16QAM	25	12	21.11	21.08	21.11	
10	16QAM	25	25	21.05	21.15	21.01	22
10	16QAM	50	0	21.02	21.06	20.94	
10	64QAM	1	0	21.37	21.39	21.35	
10	64QAM	1	25	21.30	21.27	21.30	
10	64QAM	1	49	21.24	21.34	21.20	21
10	64QAM	25	0	20.93	20.97	20.85	
10	64QAM	25	12	21.02	20.99	21.02	
10	64QAM	25	25	20.96	21.06	20.92	
10	64QAM	50	0	20.93	20.97	20.85	
Channel				133147	133247	133447	
Frequency (MHz)				665.5	675.5	695.5	Tune-up limit (dBm)
5	QPSK	1	0	23.17	23.16	23.11	24
5	QPSK	1	12	23.05	23.08	23.03	
5	QPSK	1	24	22.98	23.02	23.06	
5	QPSK	12	0	22.08	22.10	22.06	
5	QPSK	12	7	22.01	21.98	22.01	23
5	QPSK	12	13	21.95	22.05	21.91	
5	QPSK	25	0	21.92	21.96	21.84	
5	16QAM	1	0	22.20	22.22	22.18	
5	16QAM	1	12	22.13	22.10	22.13	23
5	16QAM	1	24	22.07	22.17	22.03	
5	16QAM	12	0	20.98	21.02	20.90	
5	16QAM	12	7	21.07	21.04	21.07	
5	16QAM	12	13	21.01	21.11	20.97	22
5	16QAM	25	0	20.98	21.02	20.90	
5	64QAM	1	0	21.28	21.30	21.26	
5	64QAM	1	12	21.21	21.18	21.21	
5	64QAM	1	24	21.15	21.25	21.11	21
5	64QAM	12	0	20.84	20.88	20.76	
5	64QAM	12	7	20.93	20.90	20.93	
5	64QAM	12	13	20.87	20.97	20.83	
5	64QAM	25	0	20.84	20.88	20.76	

Band 71 (Reduced Power)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	14.14	14.22	14.17	15
20	QPSK	1	49	14.11	14.14	14.09	
20	QPSK	1	99	14.04	14.08	14.12	
20	QPSK	50	0	13.14	13.16	13.12	
20	QPSK	50	24	13.07	13.04	13.07	14
20	QPSK	50	50	13.01	13.11	12.97	
20	QPSK	100	0	12.98	13.02	12.90	
20	16QAM	1	0	13.26	13.28	13.24	
20	16QAM	1	49	13.19	13.16	13.19	14
20	16QAM	1	99	13.13	13.23	13.09	
20	16QAM	50	0	12.04	12.08	11.96	
20	16QAM	50	24	12.13	12.10	12.13	
20	16QAM	50	50	12.07	12.17	12.03	13
20	16QAM	100	0	12.04	12.08	11.96	
20	64QAM	1	0	12.45	12.47	12.43	
20	64QAM	1	49	12.38	12.35	12.38	
20	64QAM	1	99	12.32	12.42	12.28	13
20	64QAM	50	0	12.01	12.05	11.93	
20	64QAM	50	24	12.10	12.07	12.10	
20	64QAM	50	50	12.04	12.14	12.00	
20	64QAM	100	0	12.01	12.05	11.93	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	14.05	14.13	14.08	15
15	QPSK	1	37	14.02	14.05	14.00	
15	QPSK	1	74	13.95	13.99	14.03	
15	QPSK	36	0	13.05	13.07	13.03	
15	QPSK	36	20	12.98	12.95	12.98	14
15	QPSK	36	39	12.92	13.02	12.88	
15	QPSK	75	0	12.89	12.93	12.81	
15	16QAM	1	0	13.17	13.19	13.15	
15	16QAM	1	37	13.10	13.07	13.10	14
15	16QAM	1	74	13.04	13.14	13.00	
15	16QAM	36	0	11.95	11.99	11.87	
15	16QAM	36	20	12.04	12.01	12.04	
15	16QAM	36	39	11.98	12.08	11.94	13
15	16QAM	75	0	11.95	11.99	11.87	
15	64QAM	1	0	12.36	12.38	12.34	
15	64QAM	1	37	12.29	12.26	12.29	
15	64QAM	1	74	12.23	12.33	12.19	13
15	64QAM	36	0	11.92	11.96	11.84	
15	64QAM	36	20	12.01	11.98	12.01	
15	64QAM	36	39	11.95	12.05	11.91	
15	64QAM	75	0	11.92	11.96	11.84	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	13.97	14.05	14.00	15
10	QPSK	1	25	13.94	13.97	13.92	
10	QPSK	1	49	13.87	13.91	13.95	
10	QPSK	25	0	12.97	12.99	12.95	
10	QPSK	25	12	12.90	12.87	12.90	14
10	QPSK	25	25	12.84	12.94	12.80	
10	QPSK	50	0	12.81	12.85	12.73	
10	16QAM	1	0	13.09	13.11	13.07	
10	16QAM	1	25	13.02	12.99	13.02	14
10	16QAM	1	49	12.96	13.06	12.92	
10	16QAM	25	0	11.87	11.91	11.79	
10	16QAM	25	12	11.96	11.93	11.96	
10	16QAM	25	25	11.90	12.00	11.86	13
10	16QAM	50	0	11.87	11.91	11.79	
10	64QAM	1	0	12.27	12.29	12.25	
10	64QAM	1	25	12.20	12.17	12.20	
10	64QAM	1	49	12.14	12.24	12.10	13
10	64QAM	25	0	11.83	11.87	11.75	
10	64QAM	25	12	11.92	11.89	11.92	
10	64QAM	25	25	11.86	11.96	11.82	
10	64QAM	50	0	11.83	11.87	11.75	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	14.02	14.01	13.96	15
5	QPSK	1	12	13.90	13.93	13.88	
5	QPSK	1	24	13.83	13.87	13.91	
5	QPSK	12	0	12.93	12.95	12.91	
5	QPSK	12	7	12.86	12.83	12.86	14
5	QPSK	12	13	12.80	12.90	12.76	
5	QPSK	25	0	12.77	12.81	12.69	
5	16QAM	1	0	13.05	13.07	13.03	
5	16QAM	1	12	12.98	12.95	12.98	14
5	16QAM	1	24	12.92	13.02	12.88	
5	16QAM	12	0	11.83	11.87	11.75	
5	16QAM	12	7	11.92	11.89	11.92	
5	16QAM	12	13	11.86	11.96	11.82	13
5	16QAM	25	0	11.83	11.87	11.75	
5	64QAM	1	0	12.18	12.20	12.16	
5	64QAM	1	12	12.11	12.08	12.11	
5	64QAM	1	24	12.05	12.15	12.01	13
5	64QAM	12	0	11.74	11.78	11.66	
5	64QAM	12	7	11.83	11.80	11.83	
5	64QAM	12	13	11.77	11.87	11.73	
5	64QAM	25	0	11.74	11.78	11.66	