

APPENDIX E. CONDUCTED POWER MEASUREMENTS RESULTS

1. Conducted power measurement results of 5G NR n2

Ant 1_Receiver on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	2	0	20.69	20.71	20.55	21.0
20	PI/2 BPSK	2	104	20.53	20.58	20.46	
20	PI/2 BPSK	1	0	20.79	20.78	20.76	
20	PI/2 BPSK	1	105	20.70	20.74	20.59	
20	PI/2 BPSK	100	0	20.78	20.59	20.57	21.0
20	PI/2 BPSK	50	25	20.67	20.61	20.58	21.0
20	PI/2 BPSK	1	1	20.64	20.60	20.86	
20	PI/2 BPSK	1	104	20.68	20.53	20.76	
20	QPSK	2	0	20.14	20.72	20.66	21.0
20	QPSK	2	104	20.23	20.66	20.64	
20	QPSK	1	0	20.70	20.56	20.78	
20	QPSK	1	105	20.72	20.56	20.36	
20	QPSK	100	0	20.24	20.62	20.55	21.0
20	QPSK	50	25	20.46	20.46	20.61	21.0
20	QPSK	1	1	20.89	20.78	20.62	
20	QPSK	1	104	20.82	20.61	20.79	
20	16QAM	2	0	20.11	20.47	20.36	21.0
20	16QAM	2	104	20.34	20.46	20.29	
20	16QAM	1	0	20.58	20.55	20.39	
20	16QAM	1	105	20.02	20.41	20.25	
20	16QAM	100	0	20.22	20.67	20.58	21.0
20	16QAM	50	25	20.74	20.59	20.52	21.0
20	16QAM	1	1	20.76	20.73	20.83	
20	16QAM	1	104	20.57	20.73	20.71	
20	64QAM	2	0	19.73	20.82	20.71	21.0
20	64QAM	2	104	20.87	20.58	20.65	
20	64QAM	1	0	20.74	20.76	20.83	
20	64QAM	1	105	20.56	20.59	20.70	
20	64QAM	100	0	19.73	20.63	20.53	21.0
20	64QAM	50	25	19.69	20.59	20.52	21.0
20	64QAM	1	1	20.77	20.71	20.63	
20	64QAM	1	104	20.49	20.46	20.55	
20	256QAM	2	0	18.02	18.66	18.56	19.5
20	256QAM	2	104	18.42	18.41	18.59	
20	256QAM	1	0	18.92	18.78	18.66	
20	256QAM	1	105	18.37	18.50	18.81	
20	256QAM	100	0	18.43	18.59	18.54	19.5
20	256QAM	50	25	18.24	18.62	18.61	19.5
20	256QAM	1	1	18.94	18.79	18.98	
20	256QAM	1	104	18.63	18.76	18.50	

Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	36	18	20.48	20.53	20.23	21.0
15	QPSK	36	18	20.36	20.27	19.90	21.0
15	16QAM	36	18	20.51	20.42	20.31	21.0
15	64QAM	36	18	19.41	20.20	20.24	21.0
15	256QAM	36	18	17.82	17.89	18.26	19.5
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	25	12	20.42	20.19	20.27	21.0
10	QPSK	25	12	20.39	20.21	19.80	21.0
10	16QAM	25	12	20.51	20.19	20.05	21.0
10	64QAM	25	12	19.53	20.23	20.00	21.0
10	256QAM	25	12	17.86	18.16	18.25	19.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	12	6	20.24	20.27	20.43	21.0
5	QPSK	12	6	20.34	20.26	20.31	21.0
5	16QAM	12	6	20.41	20.56	20.10	21.0
5	64QAM	12	6	19.27	20.30	20.17	21.0
5	256QAM	12	6	18.14	18.02	18.17	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	QPSK	53	26	20.59	20.58	20.49	21.0
20	16QAM	53	26	20.46	20.64	20.77	21.0
20	64QAM	53	26	19.62	19.73	19.70	21.0
20	256QAM	53	26	17.75	17.63	17.61	19.5

Ant 1 Sensor off

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	2	0	22.15	22.38	22.21	23.5
20	PI/2 BPSK	2	104	22.03	22.28	22.67	
20	PI/2 BPSK	1	0	22.10	22.62	22.75	
20	PI/2 BPSK	1	105	21.86	22.50	22.02	
20	PI/2 BPSK	100	0	21.92	22.55	22.54	23.5
20	PI/2 BPSK	50	25	22.27	22.33	22.49	24.0
20	PI/2 BPSK	1	1	22.24	22.42	22.18	
20	PI/2 BPSK	1	104	22.43	22.29	22.37	
20	QPSK	2	0	21.93	22.04	21.82	23.5
20	QPSK	2	104	21.95	22.03	22.05	
20	QPSK	1	0	21.79	22.17	22.06	
20	QPSK	1	105	22.20	22.18	21.94	
20	QPSK	100	0	22.03	21.95	21.83	23.5
20	QPSK	50	25	22.95	22.90	22.85	24.0
20	QPSK	1	1	22.97	22.93	22.91	
20	QPSK	1	104	22.90	22.88	22.81	
20	16QAM	2	0	21.89	21.63	21.69	22.0
20	16QAM	2	104	21.92	21.84	21.72	
20	16QAM	1	0	21.76	21.76	21.79	
20	16QAM	1	105	21.81	21.41	21.77	
20	16QAM	100	0	21.74	21.53	21.62	22.0
20	16QAM	50	25	22.12	22.29	22.13	23.0
20	16QAM	1	1	22.31	22.27	22.43	
20	16QAM	1	104	22.07	22.10	22.06	
20	64QAM	2	0	20.78	20.78	20.68	21.5
20	64QAM	2	104	20.64	21.04	21.00	
20	64QAM	1	0	20.98	20.80	20.73	
20	64QAM	1	105	20.32	20.70	20.88	
20	64QAM	100	0	20.51	20.73	20.83	21.5
20	64QAM	50	25	20.86	20.82	20.46	21.5
20	64QAM	1	1	20.55	21.10	20.95	
20	64QAM	1	104	20.70	20.59	20.69	
20	256QAM	2	0	18.02	18.66	18.56	19.5
20	256QAM	2	104	18.42	18.41	18.59	
20	256QAM	1	0	18.92	18.78	18.66	
20	256QAM	1	105	18.37	18.50	18.81	
20	256QAM	100	0	18.43	18.59	18.54	19.5
20	256QAM	50	25	18.24	18.62	18.61	19.5
20	256QAM	1	1	18.94	18.79	18.98	
20	256QAM	1	104	18.63	18.76	18.50	

Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	36	18	22.46	22.43	22.53	24.0
15	QPSK	36	18	22.35	22.34	22.73	24.0
15	16QAM	36	18	21.30	21.44	21.35	23.0
15	64QAM	36	18	20.38	20.88	20.42	21.5
15	256QAM	36	18	17.82	17.89	18.26	19.5
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	25	12	22.48	22.26	22.43	24.0
10	QPSK	25	12	22.53	22.57	22.76	24.0
10	16QAM	25	12	22.36	22.42	22.56	23.0
10	64QAM	25	12	20.49	20.56	20.55	21.5
10	256QAM	25	12	17.86	18.16	18.25	19.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	12	6	22.38	22.31	22.25	24.0
5	QPSK	12	6	22.72	22.54	22.55	24.0
5	16QAM	12	6	21.72	21.75	21.48	23.0
5	64QAM	12	6	20.39	20.57	20.74	21.5
5	256QAM	12	6	18.14	18.02	18.17	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	QPSK	53	26	22.71	22.61	22.55	24.0
20	16QAM	53	26	21.49	21.37	21.29	23.0
20	64QAM	53	26	19.72	19.98	19.58	21.5
20	256QAM	53	26	17.75	17.63	17.61	19.5

Ant 1 Hotspot on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	2	0	22.01	22.15	22.24	23.0
20	PI/2 BPSK	2	104	21.73	22.28	22.51	
20	PI/2 BPSK	1	0	21.69	22.34	22.54	
20	PI/2 BPSK	1	105	21.76	22.38	22.11	
20	PI/2 BPSK	100	0	21.69	22.29	22.45	23.0
20	PI/2 BPSK	50	25	21.58	22.30	22.21	23.0
20	PI/2 BPSK	1	1	21.82	22.29	22.07	
20	PI/2 BPSK	1	104	22.04	22.26	22.11	
20	QPSK	2	0	21.08	21.40	21.23	23.0
20	QPSK	2	104	21.93	22.17	22.15	
20	QPSK	1	0	22.36	22.23	22.08	
20	QPSK	1	105	22.08	22.04	22.29	
20	QPSK	100	0	21.90	22.13	22.30	23.0
20	QPSK	50	25	22.39	22.41	22.45	23.0
20	QPSK	1	1	22.60	22.33	22.51	
20	QPSK	1	104	22.42	22.31	22.36	
20	16QAM	2	0	21.79	21.58	21.54	22.0
20	16QAM	2	104	21.87	21.64	21.51	
20	16QAM	1	0	21.86	21.95	21.93	
20	16QAM	1	105	21.88	21.81	21.66	
20	16QAM	100	0	21.89	21.73	21.62	22.0
20	16QAM	50	25	22.18	22.02	21.91	23.0
20	16QAM	1	1	22.40	22.14	22.29	
20	16QAM	1	104	21.79	22.09	22.07	
20	64QAM	2	0	21.23	21.18	21.32	21.5
20	64QAM	2	104	21.34	21.44	21.21	
20	64QAM	1	0	21.34	21.37	21.24	
20	64QAM	1	105	21.06	21.26	21.41	
20	64QAM	100	0	21.06	21.22	21.31	21.5
20	64QAM	50	25	21.37	21.31	21.11	21.5
20	64QAM	1	1	21.25	21.47	21.33	
20	64QAM	1	104	21.32	21.38	21.23	
20	256QAM	2	0	19.29	19.28	19.14	19.5
20	256QAM	2	104	19.35	19.17	19.34	
20	256QAM	1	0	19.21	19.33	19.17	
20	256QAM	1	105	19.39	19.32	19.21	
20	256QAM	100	0	19.24	19.25	19.20	19.5
20	256QAM	50	25	19.35	19.24	19.23	19.5
20	256QAM	1	1	19.22	19.14	19.39	
20	256QAM	1	104	19.16	19.23	19.37	

Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	36	18	22.29	22.15	22.22	23.0
15	QPSK	36	18	22.14	22.16	22.10	23.0
15	16QAM	36	18	21.46	21.26	21.19	23.0
15	64QAM	36	18	20.95	21.19	20.96	21.5
15	256QAM	36	18	18.93	19.19	19.35	19.5
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	25	12	22.47	22.33	22.25	23.0
10	QPSK	25	12	22.01	22.31	22.06	23.0
10	16QAM	25	12	22.26	22.33	22.35	23.0
10	64QAM	25	12	21.24	21.07	21.08	21.5
10	256QAM	25	12	18.90	19.12	19.35	19.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	12	6	22.41	22.34	22.25	23.0
5	QPSK	12	6	22.01	22.31	22.29	23.0
5	16QAM	12	6	22.18	22.28	22.24	23.0
5	64QAM	12	6	20.81	21.09	21.11	21.5
5	256QAM	12	6	19.29	19.27	19.02	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	QPSK	53	26	22.20	21.90	21.84	23.0
20	16QAM	53	26	21.49	21.37	21.29	23.0
20	64QAM	53	26	19.72	19.98	19.58	21.5
20	256QAM	53	26	19.39	19.26	19.07	19.5

Note: The tested channel results are marks in bold.

2. Conducted power measurement results of 5G NR n5

Ant 0_Receiver on & Sensor off & Hotspot on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	2	0	22.40	22.06	22.92	23.5
20	PI/2 BPSK	2	104	22.16	21.92	21.74	
20	PI/2 BPSK	1	0	22.23	22.17	22.21	
20	PI/2 BPSK	1	105	21.78	21.88	21.65	
20	PI/2 BPSK	100	0	22.45	22.23	22.27	23.5
20	PI/2 BPSK	50	25	23.20	22.70	22.79	24.0
20	PI/2 BPSK	1	1	22.87	22.92	22.62	
20	PI/2 BPSK	1	104	22.34	22.47	22.25	
20	QPSK	2	0	21.79	21.70	21.96	23.5
20	QPSK	2	104	21.62	21.59	21.94	
20	QPSK	1	0	21.75	21.96	21.85	
20	QPSK	1	105	21.60	21.77	21.93	
20	QPSK	100	0	21.79	21.84	22.11	23.5
20	QPSK	50	25	23.38	23.33	23.27	24.0
20	QPSK	1	1	23.40	23.48	23.32	
20	QPSK	1	104	23.18	23.15	23.12	
20	16QAM	2	0	20.56	20.42	20.62	22.0
20	16QAM	2	104	20.50	20.39	20.19	
20	16QAM	1	0	20.84	20.71	20.75	
20	16QAM	1	105	20.67	20.82	20.52	
20	16QAM	100	0	20.83	20.95	20.46	22.0
20	16QAM	50	25	22.00	21.50	22.01	23.0
20	16QAM	1	1	22.16	22.12	21.94	
20	16QAM	1	104	21.87	21.71	21.69	
20	64QAM	2	0	20.58	20.47	19.94	21.5
20	64QAM	2	104	20.17	20.12	20.30	
20	64QAM	1	0	20.29	20.40	20.48	
20	64QAM	1	105	20.10	20.40	20.16	
20	64QAM	100	0	19.90	20.40	20.43	21.5
20	64QAM	50	25	20.37	20.08	20.10	21.5
20	64QAM	1	1	20.31	20.66	20.53	
20	64QAM	1	104	20.28	20.36	19.93	
20	256QAM	2	0	18.45	18.52	17.97	19.5
20	256QAM	2	104	18.51	19.23	18.75	
20	256QAM	1	0	19.11	19.54	19.00	
20	256QAM	1	105	18.91	18.81	18.70	
20	256QAM	100	0	18.85	18.91	18.83	19.5
20	256QAM	50	25	18.75	19.21	18.78	19.5
20	256QAM	1	1	19.04	19.18	19.30	
20	256QAM	1	104	18.99	18.61	19.12	

Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	36	18	22.96	22.96	22.85	24.0
15	QPSK	36	18	23.44	23.00	23.27	24.0
15	16QAM	36	18	21.75	21.42	21.77	23.0
15	64QAM	36	18	20.14	20.59	20.27	21.5
15	256QAM	36	18	19.29	19.08	18.78	19.5
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	25	12	22.68	22.83	22.93	24.0
10	QPSK	25	12	23.21	23.13	22.85	24.0
10	16QAM	25	12	21.73	21.67	21.65	23.0
10	64QAM	25	12	20.20	20.29	20.18	21.5
10	256QAM	25	12	18.93	19.39	19.17	19.5
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	12	6	22.63	22.60	22.84	24.0
5	QPSK	12	6	23.35	23.26	23.00	24.0
5	16QAM	12	6	21.83	21.53	21.71	23.0
5	64QAM	12	6	20.20	20.44	20.23	21.5
5	256QAM	12	6	19.21	18.76	18.94	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	QPSK	53	26	22.84	22.81	23.12	24.0
20	16QAM	53	26	22.00	22.01	22.18	23.0
20	64QAM	53	26	20.47	20.32	20.55	21.5
20	256QAM	53	26	18.29	18.09	17.81	19.5

Note: The tested channel results are marks in bold.

3. Conducted power measurement results of 5G NR n7

Ant 1_Receiver on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	2	0	21.71	22.28	21.79	22.5
20	PI/2 BPSK	2	104	21.91	21.93	22.08	
20	PI/2 BPSK	1	0	21.92	22.11	22.05	
20	PI/2 BPSK	1	105	22.01	22.14	22.28	
20	PI/2 BPSK	100	0	22.23	22.16	22.17	22.5
20	PI/2 BPSK	50	25	22.38	22.22	22.17	22.5
20	PI/2 BPSK	1	1	22.29	22.19	22.38	
20	PI/2 BPSK	1	104	22.34	22.41	22.33	
20	QPSK	2	0	21.67	22.33	22.02	22.5
20	QPSK	2	104	22.05	22.06	22.04	
20	QPSK	1	0	21.89	21.72	22.06	
20	QPSK	1	105	22.07	21.97	22.20	
20	QPSK	100	0	21.70	21.77	21.62	22.5
20	QPSK	50	25	22.36	22.17	22.33	22.5
20	QPSK	1	1	22.18	22.40	22.31	
20	QPSK	1	104	22.34	22.42	22.46	
20	16QAM	2	0	20.39	20.74	20.88	22.0
20	16QAM	2	104	20.98	21.12	21.05	
20	16QAM	1	0	21.05	20.88	20.99	
20	16QAM	1	105	21.19	21.21	21.21	
20	16QAM	100	0	21.14	20.84	20.69	22.0
20	16QAM	50	25	21.97	22.01	21.62	22.5
20	16QAM	1	1	22.09	22.08	22.18	
20	16QAM	1	104	21.96	22.24	22.24	
20	64QAM	2	0	20.43	20.36	20.73	21.0
20	64QAM	2	104	20.72	20.71	20.34	
20	64QAM	1	0	20.35	20.42	20.37	
20	64QAM	1	105	20.71	20.58	20.62	
20	64QAM	100	0	20.22	20.52	20.18	21.5
20	64QAM	50	25	20.44	20.29	20.16	21.5
20	64QAM	1	1	20.43	20.41	20.48	
20	64QAM	1	104	20.75	20.46	20.70	
20	256QAM	2	0	17.95	18.37	18.52	19.5
20	256QAM	2	104	18.12	18.10	18.52	
20	256QAM	1	0	18.28	18.12	18.23	
20	256QAM	1	105	18.55	18.57	18.63	
20	256QAM	100	0	18.40	18.31	18.51	19.5
20	256QAM	50	25	18.42	18.09	18.29	19.5
20	256QAM	1	1	18.29	18.55	18.39	
20	256QAM	1	104	18.21	18.72	18.11	

Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	22.28	21.96	22.13	22.5
15	QPSK	36	18	21.81	21.94	22.12	22.5
15	16QAM	36	18	21.86	21.74	21.86	22.5
15	64QAM	36	18	20.69	20.82	20.50	21.5
15	256QAM	36	18	18.24	18.65	18.43	19.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	21.95	21.82	22.13	22.5
10	QPSK	25	12	21.72	21.99	21.67	22.5
10	16QAM	25	12	21.96	22.15	21.78	22.5
10	64QAM	25	12	20.66	20.38	20.29	21.5
10	256QAM	25	12	18.30	18.42	18.25	19.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	21.81	21.79	22.22	22.5
5	QPSK	12	6	22.07	21.82	21.92	22.5
5	16QAM	12	6	21.90	21.96	22.01	22.5
5	64QAM	12	6	20.81	20.36	20.46	21.5
5	256QAM	12	6	18.68	18.21	18.59	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	QPSK	53	26	21.48	21.92	21.76	22.5
20	16QAM	53	26	21.01	21.06	21.03	22.5
20	64QAM	53	26	19.70	19.75	19.91	21.5
20	256QAM	53	26	17.76	17.74	17.87	19.5

Ant 1 Sensor on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	2	0	21.45	21.63	21.58	22.5
20	PI/2 BPSK	2	104	21.53	21.65	21.58	
20	PI/2 BPSK	1	0	21.51	21.52	21.38	
20	PI/2 BPSK	1	105	21.41	21.55	21.39	
20	PI/2 BPSK	100	0	21.56	21.57	21.40	22.5
20	PI/2 BPSK	50	25	21.50	21.59	21.48	22.5
20	PI/2 BPSK	1	1	21.47	21.63	21.46	
20	PI/2 BPSK	1	104	21.64	21.72	21.54	
20	QPSK	2	0	21.37	21.67	21.66	22.5
20	QPSK	2	104	21.51	21.64	21.64	
20	QPSK	1	0	21.49	21.55	21.49	
20	QPSK	1	105	21.53	21.63	21.47	
20	QPSK	100	0	21.26	21.46	21.36	22.5
20	QPSK	50	25	21.63	21.68	21.75	22.5
20	QPSK	1	1	21.61	21.67	21.71	
20	QPSK	1	104	21.77	21.75	21.83	
20	16QAM	2	0	20.87	20.95	21.15	22.0
20	16QAM	2	104	20.80	20.87	20.94	
20	16QAM	1	0	20.62	20.82	20.91	
20	16QAM	1	105	20.80	20.99	21.06	
20	16QAM	100	0	20.94	21.14	21.24	22.0
20	16QAM	50	25	21.40	21.56	21.65	22.5
20	16QAM	1	1	21.45	21.64	21.43	
20	16QAM	1	104	21.43	21.53	21.61	
20	64QAM	2	0	20.78	20.76	20.97	21.5
20	64QAM	2	104	20.79	20.54	20.87	
20	64QAM	1	0	20.89	20.79	20.77	
20	64QAM	1	105	20.95	20.93	20.80	
20	64QAM	100	0	20.75	20.66	20.52	21.5
20	64QAM	50	25	20.73	20.64	20.47	21.5
20	64QAM	1	1	20.85	20.74	20.60	
20	64QAM	1	104	20.97	20.93	20.83	
20	256QAM	2	0	18.37	18.57	18.71	19.5
20	256QAM	2	104	18.72	18.73	18.89	
20	256QAM	1	0	18.54	18.54	18.61	
20	256QAM	1	105	18.63	18.82	18.84	
20	256QAM	100	0	18.58	18.66	18.76	19.5
20	256QAM	50	25	18.39	18.58	18.73	19.5
20	256QAM	1	1	18.67	18.73	18.87	
20	256QAM	1	104	18.73	18.79	18.87	

Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	21.74	21.50	21.59	22.5
15	QPSK	36	18	21.41	21.44	21.65	22.5
15	16QAM	36	18	21.53	21.33	21.43	22.5
15	64QAM	36	18	20.37	20.56	20.24	21.5
15	256QAM	36	18	17.69	18.23	18.07	19.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	21.62	21.46	21.42	22.5
10	QPSK	25	12	21.54	21.56	21.60	22.5
10	16QAM	25	12	21.46	21.74	21.36	22.5
10	64QAM	25	12	20.57	20.26	20.16	21.5
10	256QAM	25	12	18.14	18.35	18.01	19.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	21.43	21.41	21.53	22.5
5	QPSK	12	6	21.59	21.55	21.65	22.5
5	16QAM	12	6	21.44	21.37	21.29	22.5
5	64QAM	12	6	20.22	19.77	19.87	21.5
5	256QAM	12	6	18.27	17.80	18.18	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	QPSK	53	26	21.73	21.69	21.52	22.5
20	16QAM	53	26	21.12	21.26	21.36	22.5
20	64QAM	53	26	19.67	19.85	19.93	21.5
20	256QAM	53	26	17.76	17.74	17.87	19.5

Ant 1 Sensor off

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	2	0	22.26	22.23	22.12	23.5
20	PI/2 BPSK	2	104	22.05	22.29	22.57	
20	PI/2 BPSK	1	0	21.88	22.16	22.26	
20	PI/2 BPSK	1	105	21.90	22.46	22.33	
20	PI/2 BPSK	100	0	22.03	21.82	22.14	23.5
20	PI/2 BPSK	50	25	22.97	23.03	22.71	24.0
20	PI/2 BPSK	1	1	23.02	22.89	23.04	
20	PI/2 BPSK	1	104	22.93	22.80	22.91	
20	QPSK	2	0	22.43	22.64	22.32	23.5
20	QPSK	2	104	22.27	22.59	22.47	
20	QPSK	1	0	22.47	22.44	22.21	
20	QPSK	1	105	21.93	21.94	22.32	
20	QPSK	100	0	21.98	22.34	22.24	23.5
20	QPSK	50	25	22.99	23.04	23.08	24.0
20	QPSK	1	1	22.96	23.06	23.17	
20	QPSK	1	104	23.01	23.11	23.06	
20	16QAM	2	0	21.26	21.33	21.36	22.0
20	16QAM	2	104	21.81	21.38	21.56	
20	16QAM	1	0	21.03	21.20	21.14	
20	16QAM	1	105	21.74	21.74	21.81	
20	16QAM	100	0	21.07	20.98	21.17	22.0
20	16QAM	50	25	22.58	22.17	22.35	23.0
20	16QAM	1	1	22.36	22.42	22.22	
20	16QAM	1	104	22.46	22.38	22.38	
20	64QAM	2	0	20.95	21.20	20.68	21.5
20	64QAM	2	104	21.15	21.33	21.19	
20	64QAM	1	0	21.08	21.04	21.15	
20	64QAM	1	105	21.27	21.12	21.24	
20	64QAM	100	0	21.10	21.15	20.92	21.5
20	64QAM	50	25	20.72	20.75	20.73	21.5
20	64QAM	1	1	21.02	21.07	21.14	
20	64QAM	1	104	21.05	21.26	21.11	
20	256QAM	2	0	18.82	18.79	18.63	19.5
20	256QAM	2	104	18.97	18.99	18.83	
20	256QAM	1	0	19.15	19.02	18.99	
20	256QAM	1	105	18.64	18.98	18.89	
20	256QAM	100	0	18.87	18.69	18.73	19.5
20	256QAM	50	25	18.73	18.72	18.45	19.5
20	256QAM	1	1	18.82	18.78	18.86	
20	256QAM	1	104	19.02	19.13	18.97	

Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	22.63	22.60	22.89	24.0
15	QPSK	36	18	22.76	22.87	22.98	24.0
15	16QAM	36	18	22.39	21.96	21.88	23.0
15	64QAM	36	18	21.18	20.94	21.30	21.5
15	256QAM	36	18	18.47	18.61	18.70	19.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	22.66	22.82	22.58	24.0
10	QPSK	25	12	22.88	22.77	22.97	24.0
10	16QAM	25	12	22.38	21.90	22.29	23.0
10	64QAM	25	12	21.13	20.97	21.30	21.5
10	256QAM	25	12	18.64	18.82	18.75	19.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	22.69	22.52	22.82	24.0
5	QPSK	12	6	22.86	22.82	23.06	24.0
5	16QAM	12	6	22.40	22.14	22.12	23.0
5	64QAM	12	6	21.17	20.91	20.98	21.5
5	256QAM	12	6	18.26	18.76	18.90	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	QPSK	53	26	22.68	22.84	22.77	24.0
20	16QAM	53	26	22.22	22.44	22.29	23.0
20	64QAM	53	26	19.86	20.15	20.05	21.5
20	256QAM	53	26	19.13	19.22	19.02	19.5

Ant 1 Hotspot on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	2	0	21.54	21.40	21.28	22.0
20	PI/2 BPSK	2	104	21.62	21.42	21.64	
20	PI/2 BPSK	1	0	21.36	21.49	21.70	
20	PI/2 BPSK	1	105	21.23	21.52	21.67	
20	PI/2 BPSK	100	0	21.10	21.34	21.46	22.0
20	PI/2 BPSK	50	25	21.15	21.36	21.34	22.0
20	PI/2 BPSK	1	1	21.51	21.50	21.51	
20	PI/2 BPSK	1	104	21.43	21.49	21.50	
20	QPSK	2	0	20.87	21.17	21.16	22.0
20	QPSK	2	104	21.44	21.61	21.28	
20	QPSK	1	0	21.33	21.58	21.48	
20	QPSK	1	105	21.39	21.66	21.29	
20	QPSK	100	0	21.25	21.29	21.14	22.0
20	QPSK	50	25	21.63	21.68	21.75	22.0
20	QPSK	1	1	21.61	21.67	21.71	
20	QPSK	1	104	21.77	21.75	21.83	
20	16QAM	2	0	21.17	21.25	21.45	22.0
20	16QAM	2	104	21.63	21.63	21.37	
20	16QAM	1	0	21.29	21.58	21.32	
20	16QAM	1	105	21.67	21.57	21.60	
20	16QAM	100	0	21.18	21.44	21.60	22.0
20	16QAM	50	25	21.69	21.46	21.20	22.0
20	16QAM	1	1	21.57	21.64	21.53	
20	16QAM	1	104	21.64	21.61	21.65	
20	64QAM	2	0	21.08	21.06	21.27	21.5
20	64QAM	2	104	21.31	21.34	21.27	
20	64QAM	1	0	21.02	21.09	20.82	
20	64QAM	1	105	21.40	21.23	21.08	
20	64QAM	100	0	21.05	20.96	20.86	21.5
20	64QAM	50	25	20.88	20.94	20.90	21.5
20	64QAM	1	1	21.14	21.04	20.85	
20	64QAM	1	104	21.00	21.23	21.32	
20	256QAM	2	0	18.67	18.87	19.01	19.5
20	256QAM	2	104	18.94	19.03	19.36	
20	256QAM	1	0	18.87	18.84	18.44	
20	256QAM	1	105	18.83	19.12	19.03	
20	256QAM	100	0	18.67	18.96	18.45	19.5
20	256QAM	50	25	18.58	18.88	18.50	19.5
20	256QAM	1	1	18.79	19.03	19.44	
20	256QAM	1	104	19.37	19.09	19.33	

Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	21.55	21.65	21.68	22.0
15	QPSK	36	18	21.48	21.68	21.70	22.0
15	16QAM	36	18	21.50	21.75	21.41	22.0
15	64QAM	36	18	20.83	21.07	21.01	21.5
15	256QAM	36	18	18.80	19.01	18.76	19.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	21.61	21.57	21.67	22.0
10	QPSK	25	12	21.44	21.30	21.14	22.0
10	16QAM	25	12	21.50	21.65	21.41	22.0
10	64QAM	25	12	21.20	21.06	21.06	21.5
10	256QAM	25	12	18.95	19.08	18.95	19.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	21.51	21.38	21.66	22.0
5	QPSK	12	6	21.21	21.61	21.49	22.0
5	16QAM	12	6	21.54	21.63	21.57	22.0
5	64QAM	12	6	21.28	21.05	20.57	21.5
5	256QAM	12	6	18.64	19.02	19.02	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	QPSK	53	26	21.38	21.54	21.47	22.0
20	16QAM	53	26	21.34	21.56	21.41	22.0
20	64QAM	53	26	19.86	20.15	20.05	21.5
20	256QAM	53	26	19.13	19.22	19.02	19.5

Note: The tested channel results are marks in bold.

4. Conducted power measurement results of 5G NR n12

Ant 0_Receiver on & Sensor off & Hotspot on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	2	0	21.92	21.59	22.03	23.5
15	PI/2 BPSK	2	77	21.67	21.62	22.06	
15	PI/2 BPSK	1	0	21.84	22.24	21.55	
15	PI/2 BPSK	1	78	21.95	21.97	21.89	
15	PI/2 BPSK	75	0	22.03	21.95	22.00	23.5
15	PI/2 BPSK	36	18	23.13	22.98	23.04	24.0
15	PI/2 BPSK	1	1	23.05	23.17	23.01	
15	PI/2 BPSK	1	77	22.89	23.12	22.93	
15	QPSK	2	0	22.23	22.06	22.24	23.5
15	QPSK	2	77	21.69	21.87	21.97	
15	QPSK	1	0	22.09	21.79	21.91	
15	QPSK	1	78	21.96	21.70	21.96	
15	QPSK	75	0	22.07	21.89	22.01	23.5
15	QPSK	36	18	23.04	23.13	23.08	24.0
15	QPSK	1	1	23.17	23.24	23.15	
15	QPSK	1	77	23.06	22.96	23.02	
15	16QAM	2	0	21.03	20.71	20.89	22.0
15	16QAM	2	77	20.94	21.24	21.04	
15	16QAM	1	0	21.06	21.29	21.32	
15	16QAM	1	78	21.05	20.78	21.05	
15	16QAM	75	0	20.72	21.04	20.69	22.0
15	16QAM	36	18	21.95	22.02	22.12	23.0
15	16QAM	1	1	21.91	22.21	22.26	
15	16QAM	1	77	22.30	22.19	21.94	
15	64QAM	2	0	20.74	20.87	20.87	21.5
15	64QAM	2	77	20.55	20.70	20.82	
15	64QAM	1	0	20.86	20.85	20.61	
15	64QAM	1	78	20.14	20.30	20.48	
15	64QAM	75	0	20.83	20.57	20.69	21.5
15	64QAM	36	18	20.39	20.62	20.36	21.5
15	64QAM	1	1	20.74	20.78	20.74	
15	64QAM	1	77	20.71	20.96	20.79	
15	256QAM	2	0	18.77	18.65	18.48	19.5
15	256QAM	2	77	18.61	18.05	18.35	
15	256QAM	1	0	18.42	18.40	18.31	
15	256QAM	1	78	18.43	18.12	18.49	
15	256QAM	75	0	18.71	18.62	18.55	19.5
15	256QAM	36	18	18.72	18.40	18.44	19.5
15	256QAM	1	1	18.28	18.38	18.27	
15	256QAM	1	77	18.20	18.08	18.05	

Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	25	12	22.98	22.80	22.85	24.0
10	QPSK	25	12	23.04	22.90	23.10	24.0
10	16QAM	25	12	21.89	21.89	21.87	23.0
10	64QAM	25	12	20.14	20.31	20.12	21.5
10	256QAM	25	12	17.97	18.15	18.02	19.5
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	12	6	22.88	22.97	22.98	24.0
5	QPSK	12	6	22.95	22.99	22.86	24.0
5	16QAM	12	6	21.79	22.05	21.84	23.0
5	64QAM	12	6	20.31	20.56	20.36	21.5
5	256QAM	12	6	17.89	18.07	17.89	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	Tune-up limit (dBm)
15	QPSK	39	19	23.04	22.81	22.78	
15	16QAM	39	19	22.37	22.38	22.37	23.0
15	64QAM	39	19	19.73	19.98	20.21	21.5
15	256QAM	39	19	18.19	18.03	18.18	19.5

Note: The tested channel results are marks in bold.

5. Conducted power measurement results of 5G NR n14

Ant 0_Receiver on & Sensor off & Hotspot on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	158600	-	
Frequency (MHz)				-	793	-	
10	PI/2 BPSK	2	0	-	22.18	-	23.5
10	PI/2 BPSK	2	50	-	22.08	-	
10	PI/2 BPSK	1	0	-	22.15	-	
10	PI/2 BPSK	1	51	-	22.19	-	
10	PI/2 BPSK	50	0	-	22.11	-	23.5
10	PI/2 BPSK	25	12	-	22.58	-	24.0
10	PI/2 BPSK	1	1	-	22.73	-	
10	PI/2 BPSK	1	50	-	22.63	-	
10	QPSK	2	0	-	21.59	-	23.5
10	QPSK	2	50	-	21.52	-	
10	QPSK	1	0	-	21.73	-	
10	QPSK	1	51	-	21.63	-	
10	QPSK	50	0	-	21.64	-	23.5
10	QPSK	25	12	-	23.28	-	24.0
10	QPSK	1	1	-	22.99	-	
10	QPSK	1	50	-	22.96	-	
10	16QAM	2	0	-	20.45	-	22.0
10	16QAM	2	50	-	20.34	-	
10	16QAM	1	0	-	20.78	-	
10	16QAM	1	51	-	20.69	-	
10	16QAM	50	0	-	20.63	-	22.0
10	16QAM	25	12	-	21.64	-	23.0
10	16QAM	1	1	-	21.79	-	
10	16QAM	1	50	-	21.70	-	
10	64QAM	2	0	-	20.24	-	21.5
10	64QAM	2	50	-	20.10	-	
10	64QAM	1	0	-	20.23	-	
10	64QAM	1	51	-	20.16	-	
10	64QAM	50	0	-	20.12	-	21.5
10	64QAM	25	12	-	20.07	-	21.5
10	64QAM	1	1	-	20.35	-	
10	64QAM	1	50	-	20.19	-	
10	256QAM	2	0	-	17.94	-	19.5
10	256QAM	2	50	-	18.04	-	
10	256QAM	1	0	-	18.06	-	
10	256QAM	1	51	-	18.03	-	
10	256QAM	50	0	-	18.13	-	19.5
10	256QAM	25	12	-	18.15	-	19.5
10	256QAM	1	1	-	18.20	-	
10	256QAM	1	50	-	18.15	-	

Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	12	6	22.90	22.45	22.78	24.0
5	QPSK	12	6	22.67	23.03	22.48	24.0
5	16QAM	12	6	21.83	21.79	22.09	23.0
5	64QAM	12	6	20.12	20.14	20.18	21.5
5	256QAM	12	6	18.37	18.55	18.18	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	158600	-	
Frequency (MHz)				-	793	-	
10	QPSK	26	13	-	22.81	-	24.0
10	16QAM	26	13	-	21.73	-	23.0
10	64QAM	26	13	-	20.04	-	21.5
10	256QAM	26	13	-	18.09	-	19.5

Note: The tested channel results are marks in bold.

6. Conducted power measurement results of 5G NR n25

Ant 1_Receiver on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	2	0	20.60	20.18	20.31	21.0
30	PI/2 BPSK	2	158	20.11	20.27	20.27	
30	PI/2 BPSK	1	0	20.61	20.54	20.46	
30	PI/2 BPSK	1	159	20.18	20.24	20.18	
30	PI/2 BPSK	160	0	20.38	20.18	20.20	21.0
30	PI/2 BPSK	80	40	20.54	20.69	20.41	21.0
30	PI/2 BPSK	1	1	20.67	20.66	20.70	
30	PI/2 BPSK	1	158	20.77	20.71	20.69	
30	QPSK	2	0	20.51	20.47	20.36	21.0
30	QPSK	2	158	20.55	20.71	20.49	
30	QPSK	1	0	20.60	20.61	20.54	
30	QPSK	1	159	20.39	20.52	20.29	
30	QPSK	160	0	20.56	20.17	20.46	21.0
30	QPSK	80	40	20.64	20.74	20.82	21.0
30	QPSK	1	1	20.66	20.69	20.66	
30	QPSK	1	158	20.73	20.59	20.79	
30	16QAM	2	0	19.85	19.71	19.68	21.0
30	16QAM	2	158	19.84	19.93	20.03	
30	16QAM	1	0	19.91	20.04	20.06	
30	16QAM	1	159	20.24	20.15	19.90	
30	16QAM	160	0	20.05	19.95	19.87	21.0
30	16QAM	80	40	19.98	20.17	20.05	21.0
30	16QAM	1	1	20.16	20.09	20.00	
30	16QAM	1	158	20.00	20.18	20.09	
30	64QAM	2	0	19.97	20.02	19.92	21.0
30	64QAM	2	158	20.08	19.90	20.08	
30	64QAM	1	0	20.01	20.21	20.25	
30	64QAM	1	159	20.17	19.94	20.22	
30	64QAM	160	0	19.94	19.86	19.89	21.0
30	64QAM	80	40	19.92	20.14	20.05	21.0
30	64QAM	1	1	20.00	19.94	20.14	
30	64QAM	1	158	20.05	19.95	20.07	
30	256QAM	2	0	18.48	18.35	18.66	19.5
30	256QAM	2	158	18.39	18.11	18.40	
30	256QAM	1	0	18.31	18.55	18.50	
30	256QAM	1	159	18.50	18.47	18.62	
30	256QAM	160	0	18.22	18.14	18.12	19.5
30	256QAM	80	40	18.29	18.45	18.59	19.5
30	256QAM	1	1	18.51	18.58	18.59	
30	256QAM	1	158	18.41	18.21	18.30	

Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	50	25	20.59	20.50	20.47	21.0
20	QPSK	50	25	20.54	20.23	20.32	21.0
20	16QAM	50	25	20.00	19.92	19.96	21.0
20	64QAM	50	25	20.38	20.33	20.12	21.0
20	256QAM	50	25	18.41	18.50	18.41	19.5
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	36	18	20.41	20.24	20.18	21.0
15	QPSK	36	18	20.44	20.46	20.54	21.0
15	16QAM	36	18	20.04	20.02	19.91	21.0
15	64QAM	36	18	20.23	20.33	20.15	21.0
15	256QAM	36	18	18.43	18.13	18.52	19.5
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	25	12	20.33	20.36	20.14	21.0
10	QPSK	25	12	20.22	20.53	20.42	21.0
10	16QAM	25	12	20.08	19.97	19.86	21.0
10	64QAM	25	12	20.22	20.16	20.21	21.0
10	256QAM	25	12	18.31	18.14	18.07	19.5
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	12	6	20.39	20.57	20.25	21.0
5	QPSK	12	6	20.31	20.70	20.25	21.0
5	16QAM	12	6	20.13	20.18	19.91	21.0
5	64QAM	12	6	20.08	20.04	20.15	21.0
5	256QAM	12	6	18.37	18.30	18.36	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	QPSK	80	40	20.46	20.48	20.37	21.0
30	16QAM	80	40	20.05	19.99	20.03	21.0
30	64QAM	80	40	19.72	19.85	19.63	21.0
30	256QAM	80	40	17.59	17.57	17.53	19.5

Ant 1 Sensor off

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	2	0	22.68	22.59	22.11	23.5
30	PI/2 BPSK	2	158	22.49	22.65	22.37	
30	PI/2 BPSK	1	0	22.30	22.70	22.65	
30	PI/2 BPSK	1	159	22.64	22.40	22.16	
30	PI/2 BPSK	160	0	22.11	22.41	22.45	23.5
30	PI/2 BPSK	80	40	22.57	22.82	22.69	24.0
30	PI/2 BPSK	1	1	22.54	22.55	22.51	
30	PI/2 BPSK	1	158	22.33	22.82	22.50	
30	QPSK	2	0	22.57	22.34	22.65	23.5
30	QPSK	2	158	22.46	22.45	22.26	
30	QPSK	1	0	22.42	22.71	22.52	
30	QPSK	1	159	22.36	22.62	22.57	
30	QPSK	160	0	22.59	22.79	22.52	23.5
30	QPSK	80	40	22.98	22.97	22.94	24.0
30	QPSK	1	1	22.97	22.96	22.93	
30	QPSK	1	158	22.96	22.95	22.93	
30	16QAM	2	0	21.42	21.29	21.26	22.0
30	16QAM	2	158	21.46	21.23	21.58	
30	16QAM	1	0	21.77	21.84	21.35	
30	16QAM	1	159	21.29	21.51	21.50	
30	16QAM	160	0	21.16	21.60	21.31	22.0
30	16QAM	80	40	22.31	22.25	22.36	23.0
30	16QAM	1	1	22.39	22.33	22.52	
30	16QAM	1	158	22.36	22.42	22.42	
30	64QAM	2	0	21.03	20.86	21.03	21.5
30	64QAM	2	158	21.10	21.13	21.25	
30	64QAM	1	0	21.15	21.02	21.11	
30	64QAM	1	159	20.91	21.00	21.17	
30	64QAM	160	0	21.29	21.17	20.74	21.5
30	64QAM	80	40	20.80	20.86	20.71	21.5
30	64QAM	1	1	20.97	21.16	21.27	
30	64QAM	1	158	21.24	21.19	21.26	
30	256QAM	2	0	19.10	18.89	18.92	19.5
30	256QAM	2	158	18.77	19.01	18.94	
30	256QAM	1	0	18.79	18.90	19.17	
30	256QAM	1	159	19.12	19.10	18.93	
30	256QAM	160	0	18.56	18.77	18.68	19.5
30	256QAM	80	40	18.66	18.85	18.93	19.5
30	256QAM	1	1	19.04	19.36	18.95	
30	256QAM	1	158	19.18	18.88	18.97	

Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	50	25	22.46	22.39	22.79	24.0
20	QPSK	50	25	22.84	22.94	22.80	24.0
20	16QAM	50	25	22.62	22.12	22.35	23.0
20	64QAM	50	25	21.22	21.06	21.31	21.5
20	256QAM	50	25	18.54	19.07	18.91	19.5
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	36	18	22.71	22.70	22.70	24.0
15	QPSK	36	18	22.87	22.91	22.84	24.0
15	16QAM	36	18	22.25	22.12	22.58	23.0
15	64QAM	36	18	20.92	21.00	21.37	21.5
15	256QAM	36	18	18.31	18.87	18.95	19.5
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	25	12	22.45	22.59	22.49	24.0
10	QPSK	25	12	22.92	22.91	22.80	24.0
10	16QAM	25	12	22.42	22.25	22.31	23.0
10	64QAM	25	12	20.81	21.37	21.31	21.5
10	256QAM	25	12	18.81	18.74	18.86	19.5
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	12	6	22.68	22.70	22.69	24.0
5	QPSK	12	6	22.84	22.82	22.87	24.0
5	16QAM	12	6	22.53	22.41	22.47	23.0
5	64QAM	12	6	20.87	21.16	21.36	21.5
5	256QAM	12	6	18.49	18.93	19.02	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	QPSK	80	40	22.83	22.55	22.69	24.0
30	16QAM	80	40	21.92	22.33	21.82	23.0
30	64QAM	80	40	20.52	20.42	20.62	21.5
30	256QAM	80	40	18.95	18.78	18.87	19.5

Ant 1 Hotspot on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	2	0	22.47	22.26	22.15	23.0
30	PI/2 BPSK	2	158	22.24	22.22	21.99	
30	PI/2 BPSK	1	0	22.22	22.34	22.48	
30	PI/2 BPSK	1	159	22.39	22.22	21.97	
30	PI/2 BPSK	160	0	22.01	22.24	22.18	23.0
30	PI/2 BPSK	80	40	22.43	22.45	22.35	23.0
30	PI/2 BPSK	1	1	22.34	22.35	22.41	
30	PI/2 BPSK	1	158	22.20	22.47	22.25	
30	QPSK	2	0	22.41	22.39	22.25	23.0
30	QPSK	2	158	22.13	22.18	22.02	
30	QPSK	1	0	22.08	22.32	22.19	
30	QPSK	1	159	22.00	22.18	22.25	
30	QPSK	160	0	22.21	22.45	22.27	23.0
30	QPSK	80	40	22.36	22.43	22.43	23.0
30	QPSK	1	1	22.39	22.46	22.49	
30	QPSK	1	158	22.48	22.46	21.84	
30	16QAM	2	0	21.35	21.23	21.22	22.0
30	16QAM	2	158	21.49	21.39	21.66	
30	16QAM	1	0	21.87	21.64	21.43	
30	16QAM	1	159	21.31	21.54	21.50	
30	16QAM	160	0	21.21	21.48	21.26	22.0
30	16QAM	80	40	22.39	22.23	22.34	23.0
30	16QAM	1	1	22.34	22.42	22.36	
30	16QAM	1	158	22.36	22.36	22.33	
30	64QAM	2	0	21.14	21.01	21.09	21.5
30	64QAM	2	158	21.08	21.03	21.26	
30	64QAM	1	0	21.34	21.14	20.94	
30	64QAM	1	159	20.79	21.08	21.23	
30	64QAM	160	0	21.14	21.01	20.73	21.5
30	64QAM	80	40	20.69	20.97	20.91	21.5
30	64QAM	1	1	20.97	21.14	21.25	
30	64QAM	1	158	21.01	21.07	21.22	
30	256QAM	2	0	19.14	18.93	19.01	19.5
30	256QAM	2	158	18.81	18.91	18.90	
30	256QAM	1	0	18.76	19.01	19.28	
30	256QAM	1	159	19.14	19.08	19.10	
30	256QAM	160	0	18.75	18.89	18.82	19.5
30	256QAM	80	40	18.93	18.94	18.91	19.5
30	256QAM	1	1	19.21	19.22	19.00	
30	256QAM	1	158	19.10	18.90	18.96	

Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	50	25	22.38	22.44	22.39	23.0
20	QPSK	50	25	22.38	22.42	22.21	23.0
20	16QAM	50	25	22.35	22.33	22.10	23.0
20	64QAM	50	25	20.59	20.82	20.62	21.5
20	256QAM	50	25	19.19	18.96	19.08	19.5
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	36	18	22.45	22.36	22.32	23.0
15	QPSK	36	18	22.37	22.38	22.37	23.0
15	16QAM	36	18	22.12	22.33	22.03	23.0
15	64QAM	36	18	20.77	20.91	20.73	21.5
15	256QAM	36	18	18.91	18.95	19.12	19.5
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	25	12	22.37	22.44	22.24	23.0
10	QPSK	25	12	22.37	22.33	22.08	23.0
10	16QAM	25	12	22.21	22.36	22.31	23.0
10	64QAM	25	12	20.67	20.82	20.93	21.5
10	256QAM	25	12	18.59	18.81	18.82	19.5
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	12	6	22.42	22.29	22.26	23.0
5	QPSK	12	6	22.35	22.30	22.23	23.0
5	16QAM	12	6	22.29	22.18	22.24	23.0
5	64QAM	12	6	20.63	20.75	20.80	21.5
5	256QAM	12	6	18.82	18.84	18.97	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	QPSK	80	40	22.09	22.21	22.10	23.0
30	16QAM	80	40	21.36	21.63	21.45	23.0
30	64QAM	80	40	20.45	20.34	20.47	21.5
30	256QAM	80	40	18.86	18.71	18.64	19.5

Note: The tested channel results are marks in bold.

7. Conducted power measurement results of 5G NR n26

Ant 0_Receiver on & Sensor off & Hotspot on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	2	0	22.06	22.39	22.22	23.5
20	PI/2 BPSK	2	104	22.26	22.04	22.17	
20	PI/2 BPSK	1	0	22.21	22.04	22.33	
20	PI/2 BPSK	1	105	22.20	22.12	22.00	
20	PI/2 BPSK	100	0	21.93	22.01	21.80	23.5
20	PI/2 BPSK	50	25	22.53	22.78	22.80	24.0
20	PI/2 BPSK	1	1	22.70	22.84	22.75	
20	PI/2 BPSK	1	104	22.90	22.51	22.49	
20	QPSK	2	0	22.05	21.77	22.11	23.5
20	QPSK	2	104	21.56	21.69	21.69	
20	QPSK	1	0	21.90	21.89	22.05	
20	QPSK	1	105	21.71	21.62	21.92	
20	QPSK	100	0	21.58	21.95	21.59	23.5
20	QPSK	50	25	23.13	22.91	22.75	24.0
20	QPSK	1	1	22.91	22.96	22.91	
20	QPSK	1	104	22.89	22.75	22.62	
20	16QAM	2	0	20.63	20.71	20.70	22.0
20	16QAM	2	104	20.47	20.62	20.61	
20	16QAM	1	0	21.04	20.75	21.05	
20	16QAM	1	105	20.87	21.00	21.17	
20	16QAM	100	0	21.41	21.33	21.28	22.0
20	16QAM	50	25	21.05	21.10	21.49	23.0
20	16QAM	1	1	21.82	21.73	22.11	
20	16QAM	1	104	21.57	21.73	21.46	
20	64QAM	2	0	20.55	20.51	20.15	21.5
20	64QAM	2	104	20.36	20.58	20.35	
20	64QAM	1	0	20.37	20.51	20.42	
20	64QAM	1	105	20.20	20.20	20.29	
20	64QAM	100	0	20.54	20.70	20.44	21.5
20	64QAM	50	25	21.00	20.75	20.93	21.5
20	64QAM	1	1	20.74	20.49	20.74	
20	64QAM	1	104	20.40	20.22	20.46	
20	256QAM	2	0	18.31	18.40	18.02	19.5
20	256QAM	2	104	18.10	18.35	18.11	
20	256QAM	1	0	18.41	18.42	18.22	
20	256QAM	1	105	18.14	18.16	18.38	
20	256QAM	100	0	17.92	17.75	17.58	19.5
20	256QAM	50	25	18.54	18.62	18.58	19.5
20	256QAM	1	1	18.50	18.40	18.35	
20	256QAM	1	104	18.42	18.50	18.22	

Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	36	18	22.63	22.41	22.42	24.0
15	QPSK	36	18	22.60	22.59	22.92	24.0
15	16QAM	36	18	22.04	21.55	21.95	23.0
15	64QAM	36	18	20.30	20.12	20.21	21.5
15	256QAM	36	18	18.30	18.34	18.49	19.5
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	25	12	22.81	22.97	22.72	24.0
10	QPSK	25	12	22.78	22.79	22.54	24.0
10	16QAM	25	12	21.98	21.68	21.58	23.0
10	64QAM	25	12	21.19	21.25	21.10	21.5
10	256QAM	25	12	18.01	18.02	18.07	19.5
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	12	6	22.41	23.01	22.63	24.0
5	QPSK	12	6	22.77	22.83	22.91	24.0
5	16QAM	12	6	21.54	21.45	21.23	23.0
5	64QAM	12	6	19.95	19.88	19.80	21.5
5	256QAM	12	6	18.20	18.10	17.79	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	QPSK	53	26	23.04	22.97	23.01	24.0
20	16QAM	53	26	21.94	21.73	20.77	23.0
20	64QAM	53	26	20.72	20.66	20.69	21.5
20	256QAM	53	26	18.01	17.82	17.93	19.5

Note: The tested channel results are marks in bold.

8. Conducted power measurement results of 5G NR n30

Ant 1_Receiver on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	462000	-	
Frequency (MHz)				-	2310	-	
10	PI/2 BPSK	2	0	-	19.80	-	21.0
10	PI/2 BPSK	2	50	-	19.71	-	
10	PI/2 BPSK	1	0	-	19.87	-	
10	PI/2 BPSK	1	51	-	19.79	-	
10	PI/2 BPSK	50	0	-	19.61	-	21.0
10	PI/2 BPSK	25	12	-	19.59	-	21.0
10	PI/2 BPSK	1	1	-	19.71	-	
10	PI/2 BPSK	1	50	-	19.72	-	
10	QPSK	2	0	-	19.66	-	21.0
10	QPSK	2	50	-	19.68	-	
10	QPSK	1	0	-	19.72	-	
10	QPSK	1	51	-	19.69	-	
10	QPSK	50	0	-	19.68	-	21.0
10	QPSK	25	12	-	19.52	-	21.0
10	QPSK	1	1	-	19.69	-	
10	QPSK	1	50	-	20.13	-	
10	16QAM	2	0	-	19.49	-	21.0
10	16QAM	2	50	-	19.53	-	
10	16QAM	1	0	-	19.83	-	
10	16QAM	1	51	-	19.86	-	
10	16QAM	50	0	-	19.59	-	21.0
10	16QAM	25	12	-	19.65	-	21.0
10	16QAM	1	1	-	19.87	-	
10	16QAM	1	50	-	19.83	-	
10	64QAM	2	0	-	19.87	-	21.0
10	64QAM	2	50	-	19.88	-	
10	64QAM	1	0	-	19.91	-	
10	64QAM	1	51	-	19.84	-	
10	64QAM	50	0	-	19.65	-	21.0
10	64QAM	25	12	-	19.56	-	21.0
10	64QAM	1	1	-	19.88	-	
10	64QAM	1	50	-	19.89	-	
10	256QAM	2	0	-	18.62	-	19.5
10	256QAM	2	50	-	18.54	-	
10	256QAM	1	0	-	18.64	-	
10	256QAM	1	51	-	18.61	-	
10	256QAM	50	0	-	18.70	-	19.5
10	256QAM	25	12	-	18.57	-	19.5
10	256QAM	1	1	-	18.78	-	
10	256QAM	1	50	-	18.75	-	

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	462000	-	
Frequency (MHz)				-	2310	-	
10	QPSK	26	13	-	19.61	-	21.0
10	16QAM	26	13	-	19.59	-	21.0
10	64QAM	26	13	-	19.53	-	21.0
10	256QAM	26	13	-	17.66	-	19.5

Ant 1 Sensor off & Hotspot on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	462000	-	
Frequency (MHz)				-	2310	-	
10	PI/2 BPSK	2	0	-	22.45	-	23.5
10	PI/2 BPSK	2	50	-	22.35	-	
10	PI/2 BPSK	1	0	-	22.51	-	
10	PI/2 BPSK	1	51	-	22.41	-	
10	PI/2 BPSK	50	0	-	22.36	-	23.5
10	PI/2 BPSK	25	12	-	22.80	-	24.0
10	PI/2 BPSK	1	1	-	23.12	-	
10	PI/2 BPSK	1	50	-	22.93	-	
10	QPSK	2	0	-	21.90	-	23.5
10	QPSK	2	50	-	21.92	-	
10	QPSK	1	0	-	22.01	-	
10	QPSK	1	51	-	21.96	-	
10	QPSK	50	0	-	21.91	-	23.5
10	QPSK	25	12	-	23.18	-	24.0
10	QPSK	1	1	-	23.26	-	
10	QPSK	1	50	-	23.51	-	
10	16QAM	2	0	-	20.72	-	22.0
10	16QAM	2	50	-	20.68	-	
10	16QAM	1	0	-	21.15	-	
10	16QAM	1	51	-	21.08	-	
10	16QAM	50	0	-	20.83	-	22.0
10	16QAM	25	12	-	21.92	-	23.0
10	16QAM	1	1	-	22.09	-	
10	16QAM	1	50	-	22.06	-	
10	64QAM	2	0	-	19.92	-	21.5
10	64QAM	2	50	-	19.89	-	
10	64QAM	1	0	-	19.95	-	
10	64QAM	1	51	-	19.95	-	
10	64QAM	50	0	-	19.73	-	21.5
10	64QAM	25	12	-	19.63	-	21.5
10	64QAM	1	1	-	19.95	-	
10	64QAM	1	50	-	19.95	-	
10	256QAM	2	0	-	18.36	-	19.5
10	256QAM	2	50	-	18.25	-	
10	256QAM	1	0	-	18.35	-	
10	256QAM	1	51	-	18.30	-	
10	256QAM	50	0	-	18.38	-	19.5
10	256QAM	25	12	-	18.40	-	19.5
10	256QAM	1	1	-	18.54	-	
10	256QAM	1	50	-	18.43	-	

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	462000	-	
Frequency (MHz)				-	2310	-	
10	QPSK	26	13	-	22.84	-	24.0
10	16QAM	26	13	-	21.73	-	23.0
10	64QAM	26	13	-	20.66	-	21.5
10	256QAM	26	13	-	17.91	-	19.5

Note: The tested channel results are marks in bold.

9. Conducted power measurement results of 5G NR n38

Ant 1_Receiver on

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	2	0	21.60	21.96	21.75	22.5
40	PI/2 BPSK	2	104	21.81	22.26	22.09	
40	PI/2 BPSK	1	0	22.21	22.37	22.14	
40	PI/2 BPSK	1	105	22.08	22.14	21.81	
40	PI/2 BPSK	100	0	22.16	21.72	21.99	22.5
40	PI/2 BPSK	50	25	22.06	21.75	22.07	22.5
40	PI/2 BPSK	1	1	22.07	21.99	21.66	
40	PI/2 BPSK	1	104	21.83	21.80	22.18	
40	QPSK	2	0	21.81	21.96	22.14	22.5
40	QPSK	2	104	21.82	21.66	21.90	
40	QPSK	1	0	22.04	22.21	22.00	
40	QPSK	1	105	21.78	22.10	22.16	
40	QPSK	100	0	22.09	21.94	21.96	22.5
40	QPSK	50	25	22.34	22.24	22.25	22.5
40	QPSK	1	1	22.39	22.42	22.46	
40	QPSK	1	104	22.37	22.29	22.31	
40	16QAM	2	0	20.65	20.85	20.55	22.0
40	16QAM	2	104	21.01	20.63	21.18	
40	16QAM	1	0	21.00	20.99	20.91	
40	16QAM	1	105	21.17	21.00	21.01	
40	16QAM	100	0	21.26	21.13	20.67	22.0
40	16QAM	50	25	21.72	21.81	21.73	22.5
40	16QAM	1	1	22.04	22.10	22.18	
40	16QAM	1	104	22.18	21.75	22.09	
40	64QAM	2	0	20.81	20.61	20.76	21.0
40	64QAM	2	104	20.59	20.33	20.50	
40	64QAM	1	0	20.54	20.49	20.19	
40	64QAM	1	105	20.65	20.63	20.46	
40	64QAM	100	0	20.40	20.30	20.39	21.5
40	64QAM	50	25	20.68	20.62	20.31	21.5
40	64QAM	1	1	20.53	20.94	20.82	
40	64QAM	1	104	20.62	20.72	20.88	
40	256QAM	2	0	18.53	18.47	18.66	19.5
40	256QAM	2	104	18.35	18.52	18.34	
40	256QAM	1	0	18.69	18.50	18.64	
40	256QAM	1	105	18.63	18.35	18.64	
40	256QAM	100	0	18.44	18.26	18.06	19.5
40	256QAM	50	25	18.68	18.64	18.45	19.5
40	256QAM	1	1	18.52	18.32	18.41	
40	256QAM	1	104	18.25	18.32	18.35	

Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	36	18	22.25	22.08	21.66	22.5
30	QPSK	36	18	21.92	21.77	21.96	22.5
30	16QAM	36	18	21.65	22.06	21.72	22.5
30	64QAM	36	18	20.36	20.32	20.66	21.5
30	256QAM	36	18	18.69	18.82	18.57	19.5
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	25	12	21.81	21.86	21.89	22.5
20	QPSK	25	12	21.80	21.69	21.83	22.5
20	16QAM	25	12	21.68	21.84	21.98	22.5
20	64QAM	25	12	20.54	20.10	20.52	21.5
20	256QAM	25	12	18.64	18.35	18.46	19.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	Tune-up limit (dBm)
40	QPSK	53	26	21.63	21.69	21.51	
40	16QAM	53	26	21.05	20.76	20.97	22.5
40	64QAM	53	26	19.69	19.55	19.61	21.5
40	256QAM	53	26	17.89	17.79	17.92	19.5

Ant 1 Sensor on

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	2	0	22.07	22.16	22.12	23.0
40	PI/2 BPSK	2	104	22.10	22.08	21.91	
40	PI/2 BPSK	1	0	22.05	21.96	21.87	
40	PI/2 BPSK	1	105	22.20	22.12	21.94	
40	PI/2 BPSK	100	0	22.19	22.07	21.99	23.0
40	PI/2 BPSK	50	25	22.30	22.11	22.01	23.0
40	PI/2 BPSK	1	1	22.33	22.17	22.06	
40	PI/2 BPSK	1	104	22.06	22.03	21.90	
40	QPSK	2	0	22.07	22.13	22.15	23.0
40	QPSK	2	104	22.08	21.99	21.91	
40	QPSK	1	0	22.36	22.25	22.17	
40	QPSK	1	105	22.15	22.12	21.92	
40	QPSK	100	0	22.07	22.05	21.98	23.0
40	QPSK	50	25	22.50	22.41	22.41	23.0
40	QPSK	1	1	22.58	22.60	22.61	
40	QPSK	1	104	22.56	22.48	22.47	
40	16QAM	2	0	20.93	20.97	20.94	22.0
40	16QAM	2	104	21.06	21.03	20.90	
40	16QAM	1	0	21.40	21.32	21.21	
40	16QAM	1	105	21.36	21.17	20.97	
40	16QAM	100	0	21.21	21.10	21.00	22.0
40	16QAM	50	25	22.16	22.01	21.85	23.0
40	16QAM	1	1	22.27	22.35	22.16	
40	16QAM	1	104	22.30	22.19	22.13	
40	64QAM	2	0	20.32	20.32	20.37	21.5
40	64QAM	2	104	20.23	20.23	20.43	
40	64QAM	1	0	20.20	20.38	20.31	
40	64QAM	1	105	20.24	20.27	20.34	
40	64QAM	100	0	19.91	20.10	20.28	21.5
40	64QAM	50	25	20.04	20.20	20.29	21.5
40	64QAM	1	1	20.34	20.39	20.43	
40	64QAM	1	104	20.16	20.27	20.31	
40	256QAM	2	0	18.14	18.18	18.28	19.5
40	256QAM	2	104	18.27	18.13	18.14	
40	256QAM	1	0	18.24	18.21	18.22	
40	256QAM	1	105	18.25	18.15	18.31	
40	256QAM	100	0	18.25	18.07	18.15	19.5
40	256QAM	50	25	18.22	18.19	18.38	19.5
40	256QAM	1	1	18.38	18.36	18.43	
40	256QAM	1	104	18.24	18.12	18.15	

Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	36	18	22.11	22.12	22.06	23.0
30	QPSK	36	18	22.03	22.07	21.95	23.0
30	16QAM	36	18	21.91	22.00	21.93	23.0
30	64QAM	36	18	20.02	20.04	19.94	21.5
30	256QAM	36	18	18.13	18.12	18.17	19.5
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	25	12	22.17	22.15	22.09	23.0
20	QPSK	25	12	22.20	22.07	22.03	23.0
20	16QAM	25	12	22.17	22.02	21.96	23.0
20	64QAM	25	12	20.27	20.15	20.02	21.5
20	256QAM	25	12	18.22	18.21	18.20	19.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	Tune-up limit (dBm)
40	QPSK	53	26	22.41	22.40	22.33	
40	16QAM	53	26	21.68	21.86	21.70	23.0
40	64QAM	53	26	19.80	19.92	19.78	21.5
40	256QAM	53	26	17.93	17.83	17.96	19.5

Ant 1 Sensor off

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	2	0	22.60	22.44	22.41	23.5
40	PI/2 BPSK	2	104	22.42	22.42	22.52	
40	PI/2 BPSK	1	0	22.51	22.52	22.54	
40	PI/2 BPSK	1	105	22.60	22.46	22.22	
40	PI/2 BPSK	100	0	22.46	22.50	22.40	23.5
40	PI/2 BPSK	50	25	22.86	22.97	22.80	24.0
40	PI/2 BPSK	1	1	23.06	22.91	23.04	
40	PI/2 BPSK	1	104	23.04	23.06	22.85	
40	QPSK	2	0	21.99	22.18	22.39	23.5
40	QPSK	2	104	22.17	22.18	22.14	
40	QPSK	1	0	21.86	22.52	22.01	
40	QPSK	1	105	21.89	22.12	22.03	
40	QPSK	100	0	22.14	22.10	21.86	23.5
40	QPSK	50	25	23.33	23.28	23.31	24.0
40	QPSK	1	1	23.43	23.44	23.46	
40	QPSK	1	104	23.39	23.41	23.38	
40	16QAM	2	0	20.78	20.85	20.78	22.0
40	16QAM	2	104	20.69	21.08	20.93	
40	16QAM	1	0	20.97	21.15	21.26	
40	16QAM	1	105	21.17	21.20	21.02	
40	16QAM	100	0	20.67	20.82	20.93	22.0
40	16QAM	50	25	21.88	22.06	21.91	23.0
40	16QAM	1	1	22.17	22.10	22.16	
40	16QAM	1	104	22.07	22.41	21.93	
40	64QAM	2	0	20.44	20.81	20.49	21.5
40	64QAM	2	104	20.54	20.60	20.60	
40	64QAM	1	0	20.53	20.73	20.84	
40	64QAM	1	105	20.64	20.71	20.47	
40	64QAM	100	0	20.26	20.44	20.23	21.5
40	64QAM	50	25	20.24	20.44	20.43	21.5
40	64QAM	1	1	20.42	20.73	20.53	
40	64QAM	1	104	20.44	20.55	20.59	
40	256QAM	2	0	18.46	18.61	18.57	19.5
40	256QAM	2	104	18.50	18.63	18.79	
40	256QAM	1	0	18.40	18.60	18.27	
40	256QAM	1	105	18.59	18.42	18.52	
40	256QAM	100	0	18.37	18.62	18.20	19.5
40	256QAM	50	25	18.19	18.34	18.70	19.5
40	256QAM	1	1	18.83	18.72	18.72	
40	256QAM	1	104	18.64	18.73	18.39	

Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	36	18	23.03	23.01	23.06	24.0
30	QPSK	36	18	23.16	22.83	23.06	24.0
30	16QAM	36	18	22.02	21.87	22.14	23.0
30	64QAM	36	18	20.27	20.24	20.36	21.5
30	256QAM	36	18	18.52	18.32	18.57	19.5
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	25	12	22.98	23.20	22.85	24.0
20	QPSK	25	12	23.00	22.97	22.74	24.0
20	16QAM	25	12	21.75	22.10	21.77	23.0
20	64QAM	25	12	20.35	20.29	20.45	21.5
20	256QAM	25	12	18.40	18.38	18.23	19.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	Tune-up limit (dBm)
40	QPSK	53	26	23.04	23.11	23.09	
40	16QAM	53	26	22.12	22.19	22.03	23.0
40	64QAM	53	26	19.87	19.72	19.69	21.5
40	256QAM	53	26	18.06	18.14	18.02	19.5

Ant 1 Hotspot on

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	2	0	21.93	22.02	21.98	22.5
40	PI/2 BPSK	2	104	22.13	21.94	21.68	
40	PI/2 BPSK	1	0	22.10	22.06	22.01	
40	PI/2 BPSK	1	105	21.85	21.98	22.06	
40	PI/2 BPSK	100	0	22.11	21.93	22.04	22.5
40	PI/2 BPSK	50	25	21.82	21.97	21.91	22.5
40	PI/2 BPSK	1	1	21.96	22.03	21.71	
40	PI/2 BPSK	1	104	21.79	21.89	21.81	
40	QPSK	2	0	21.93	21.99	22.01	22.5
40	QPSK	2	104	21.69	21.85	22.08	
40	QPSK	1	0	21.90	22.11	22.03	
40	QPSK	1	105	21.94	21.98	21.75	
40	QPSK	100	0	22.01	21.91	21.85	22.5
40	QPSK	50	25	22.06	21.97	21.97	22.5
40	QPSK	1	1	22.14	22.16	22.17	
40	QPSK	1	104	22.12	22.04	22.03	
40	16QAM	2	0	20.79	20.83	20.80	22.0
40	16QAM	2	104	20.87	20.89	20.97	
40	16QAM	1	0	20.96	21.18	21.31	
40	16QAM	1	105	20.77	21.03	20.83	
40	16QAM	100	0	20.70	20.96	21.19	22.0
40	16QAM	50	25	21.75	21.87	21.83	22.5
40	16QAM	1	1	22.04	21.91	21.63	
40	16QAM	1	104	21.95	22.05	21.97	
40	64QAM	2	0	20.62	20.62	20.67	21.0
40	64QAM	2	104	20.32	20.53	20.41	
40	64QAM	1	0	20.51	20.68	20.69	
40	64QAM	1	105	20.27	20.57	20.37	
40	64QAM	100	0	20.31	20.40	20.59	21.5
40	64QAM	50	25	20.60	20.50	20.52	21.5
40	64QAM	1	1	20.67	20.69	20.45	
40	64QAM	1	104	20.80	20.57	20.81	
40	256QAM	2	0	18.44	18.48	18.58	19.5
40	256QAM	2	104	18.17	18.43	18.51	
40	256QAM	1	0	18.77	18.51	18.73	
40	256QAM	1	105	18.42	18.45	18.28	
40	256QAM	100	0	18.28	18.37	18.26	19.5
40	256QAM	50	25	18.46	18.49	18.69	19.5
40	256QAM	1	1	18.62	18.66	18.55	
40	256QAM	1	104	18.28	18.42	18.23	

Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	36	18	21.97	21.98	21.92	22.5
30	QPSK	36	18	21.91	21.93	21.92	22.5
30	16QAM	36	18	21.96	21.86	21.81	22.5
30	64QAM	36	18	20.50	20.34	20.11	21.5
30	256QAM	36	18	18.43	18.42	18.47	19.5
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	25	12	22.03	22.01	21.95	22.5
20	QPSK	25	12	21.64	21.93	21.66	22.5
20	16QAM	25	12	21.84	21.88	22.07	22.5
20	64QAM	25	12	20.37	20.45	20.61	21.5
20	256QAM	25	12	18.52	18.51	18.50	19.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	Tune-up limit (dBm)
40	QPSK	53	26	21.51	21.50	21.43	22.5
40	16QAM	53	26	20.86	20.96	20.83	22.5
40	64QAM	53	26	19.31	19.46	19.40	21.5
40	256QAM	53	26	18.05	18.27	17.99	19.5

Note: The tested channel results are marks in bold.

10. Conducted power measurement results of 5G NR n41

Ant 1_Receiver on

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	2	0	21.68	21.55	21.69	23.0
100	PI/2 BPSK	2	271	22.23	21.87	22.32	
100	PI/2 BPSK	1	0	22.17	21.85	22.09	
100	PI/2 BPSK	1	272	21.91	22.13	22.45	
100	PI/2 BPSK	270	0	21.97	22.08	22.39	23.0
100	PI/2 BPSK	135	67	21.94	22.17	22.36	23.0
100	PI/2 BPSK	1	1	22.13	21.83	21.88	
100	PI/2 BPSK	1	271	22.17	22.24	22.05	
100	QPSK	2	0	21.59	21.47	21.11	23.0
100	QPSK	2	271	21.14	21.05	21.09	
100	QPSK	1	0	21.46	21.03	21.33	
100	QPSK	1	272	21.27	21.21	21.31	
100	QPSK	270	0	21.29	21.28	21.27	23.0
100	QPSK	135	67	22.01	22.16	22.09	23.0
100	QPSK	1	1	21.87	22.01	22.12	
100	QPSK	1	271	22.38	22.56	22.12	
100	16QAM	2	0	21.66	21.56	21.49	23.0
100	16QAM	2	271	21.74	21.91	21.89	
100	16QAM	1	0	21.75	21.81	21.83	
100	16QAM	1	272	21.43	21.41	21.41	
100	16QAM	270	0	21.62	21.65	21.63	23.0
100	16QAM	135	67	21.94	21.53	21.71	23.0
100	16QAM	1	1	21.43	21.46	21.24	
100	16QAM	1	271	21.19	21.34	21.44	
100	64QAM	2	0	21.13	21.27	21.27	23.0
100	64QAM	2	271	21.26	21.16	21.35	
100	64QAM	1	0	21.32	21.13	21.19	
100	64QAM	1	272	21.36	21.31	21.23	
100	64QAM	270	0	21.49	21.16	21.26	23.0
100	64QAM	135	67	21.37	21.30	21.37	23.0
100	64QAM	1	1	21.26	21.08	21.13	
100	64QAM	1	271	21.47	21.11	21.08	
100	256QAM	2	0	20.67	20.69	20.62	22.5
100	256QAM	2	271	20.67	20.57	20.59	
100	256QAM	1	0	20.74	20.56	20.62	
100	256QAM	1	272	20.61	20.53	20.66	
100	256QAM	270	0	20.64	20.55	20.68	22.5
100	256QAM	135	67	20.83	20.72	20.76	22.5
100	256QAM	1	1	20.64	20.57	20.81	
100	256QAM	1	271	20.73	20.83	20.63	

Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	22.01	22.00	22.00	23.0
90	QPSK	120	60	21.63	21.88	21.61	23.0
90	16QAM	120	60	21.81	21.54	21.61	23.0
90	64QAM	120	60	21.12	21.08	21.04	23.0
90	256QAM	120	60	20.65	20.64	20.75	22.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	21.92	21.89	21.89	23.0
80	QPSK	108	54	21.60	21.96	22.29	23.0
80	16QAM	108	54	21.40	21.59	21.58	23.0
80	64QAM	108	54	21.39	21.35	21.30	23.0
80	256QAM	108	54	20.90	20.63	20.59	22.5
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	90	45	22.14	21.68	21.94	23.0
70	QPSK	90	45	21.84	21.69	21.99	23.0
70	16QAM	90	45	21.84	21.94	21.57	23.0
70	64QAM	90	45	21.19	21.32	21.28	23.0
70	256QAM	90	45	20.59	20.64	20.53	22.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	22.17	21.73	22.12	23.0
60	QPSK	81	40	21.48	21.85	22.02	23.0
60	16QAM	81	40	21.18	21.96	21.55	23.0
60	64QAM	81	40	21.04	21.21	21.28	23.0
60	256QAM	81	40	20.88	20.81	20.61	22.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	22.01	21.86	22.05	23.0
50	QPSK	64	32	21.64	21.77	22.25	23.0
50	16QAM	64	32	21.61	21.77	21.80	23.0
50	64QAM	64	32	21.34	21.04	21.17	23.0
50	256QAM	64	32	20.63	20.88	20.74	22.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	22.23	21.87	22.32	23.0
40	QPSK	50	25	21.87	22.01	22.12	23.0
40	16QAM	50	25	21.74	21.81	21.76	23.0
40	64QAM	50	25	21.37	21.30	21.37	23.0
40	256QAM	50	25	20.83	20.72	20.76	22.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	36	18	22.23	21.87	22.32	23.0
30	QPSK	36	18	21.87	22.01	22.12	23.0
30	16QAM	36	18	21.74	21.81	21.76	23.0
30	64QAM	36	18	21.37	21.30	21.37	23.0
30	256QAM	36	18	20.83	20.72	20.76	22.5

Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	50	25	22.23	21.87	22.32	23.0
20	QPSK	50	25	21.87	22.01	22.12	23.0
20	16QAM	50	25	21.74	21.81	21.76	23.0
20	64QAM	50	25	21.37	21.30	21.37	23.0
20	256QAM	50	25	20.83	20.72	20.76	22.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit
Channel				509202	518598	528000	(dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	137	68	21.96	22.08	21.68	23.0
100	16QAM	137	68	21.49	21.98	21.27	23.0
100	64QAM	137	68	21.26	21.19	21.04	23.0
100	256QAM	137	68	20.68	20.74	20.69	22.5

Ant 1 Sensor on

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	2	0	23.55	23.21	23.05	24.5
100	PI/2 BPSK	2	271	23.23	23.08	23.08	
100	PI/2 BPSK	1	0	23.09	23.16	23.04	
100	PI/2 BPSK	1	272	23.12	23.17	23.11	
100	PI/2 BPSK	270	0	23.05	23.04	23.13	24.5
100	PI/2 BPSK	135	67	23.68	23.95	23.81	24.5
100	PI/2 BPSK	1	1	23.63	23.81	23.82	
100	PI/2 BPSK	1	271	23.53	23.45	23.58	
100	QPSK	2	0	23.21	23.49	23.04	24.5
100	QPSK	2	271	23.15	23.18	23.25	
100	QPSK	1	0	23.07	23.09	23.15	
100	QPSK	1	272	23.13	23.01	23.03	
100	QPSK	270	0	23.06	23.08	23.23	24.5
100	QPSK	135	67	23.85	23.76	23.80	24.5
100	QPSK	1	1	24.03	24.20	23.94	
100	QPSK	1	271	23.71	23.80	23.68	
100	16QAM	2	0	23.04	23.36	23.10	24.5
100	16QAM	2	271	23.21	23.32	23.17	
100	16QAM	1	0	23.25	23.25	23.07	
100	16QAM	1	272	23.27	23.11	23.32	
100	16QAM	270	0	23.06	23.16	23.07	24.5
100	16QAM	135	67	23.69	23.69	23.43	24.5
100	16QAM	1	1	23.54	23.91	23.53	
100	16QAM	1	271	23.66	23.84	23.53	
100	64QAM	2	0	23.39	23.44	23.28	24.5
100	64QAM	2	271	23.05	23.10	23.04	
100	64QAM	1	0	23.18	23.11	23.11	
100	64QAM	1	272	23.07	23.02	23.08	
100	64QAM	270	0	23.08	23.19	23.06	24.5
100	64QAM	135	67	23.71	23.80	23.68	24.5
100	64QAM	1	1	23.71	23.80	23.68	
100	64QAM	1	271	23.71	23.80	23.68	
100	256QAM	2	0	20.82	21.04	20.94	22.5
100	256QAM	2	271	20.70	20.71	20.61	
100	256QAM	1	0	20.90	20.94	20.73	
100	256QAM	1	272	20.92	20.63	20.71	
100	256QAM	270	0	20.85	21.26	20.97	22.5
100	256QAM	135	67	20.79	21.01	20.68	22.5
100	256QAM	1	1	20.97	21.01	21.06	
100	256QAM	1	271	20.81	21.13	21.36	

Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	23.47	23.46	23.25	24.5
90	QPSK	120	60	23.84	23.82	23.98	24.5
90	16QAM	120	60	23.48	23.42	23.35	24.5
90	64QAM	120	60	23.36	23.35	23.21	24.5
90	256QAM	120	60	21.17	21.32	21.09	22.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	23.38	23.39	23.26	24.5
80	QPSK	108	54	23.77	23.92	23.97	24.5
80	16QAM	108	54	23.45	23.43	23.46	24.5
80	64QAM	108	54	23.53	23.20	23.24	24.5
80	256QAM	108	54	21.37	21.47	21.19	22.5
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	90	45	23.31	23.44	23.31	24.5
70	QPSK	90	45	23.90	23.80	23.83	24.5
70	16QAM	90	45	23.65	23.48	23.30	24.5
70	64QAM	90	45	23.31	23.28	23.18	24.5
70	256QAM	90	45	21.21	21.22	20.92	22.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	23.23	23.31	23.32	24.5
60	QPSK	81	40	23.71	23.91	24.06	24.5
60	16QAM	81	40	23.42	23.38	23.30	24.5
60	64QAM	81	40	23.38	23.44	23.22	24.5
60	256QAM	81	40	21.00	21.26	21.11	22.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	23.50	23.43	23.30	24.5
50	QPSK	64	32	23.91	24.02	23.80	24.5
50	16QAM	64	32	23.61	23.52	23.48	24.5
50	64QAM	64	32	23.61	23.19	23.28	24.5
50	256QAM	64	32	21.21	21.11	21.18	22.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	23.39	23.48	23.33	24.5
40	QPSK	50	25	23.76	23.54	23.77	24.5
40	16QAM	50	25	23.67	23.64	23.39	24.5
40	64QAM	50	25	23.25	23.26	23.50	24.5
40	256QAM	50	25	21.29	21.29	21.00	22.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	36	18	23.56	23.34	23.28	24.5
30	QPSK	36	18	23.74	23.76	23.88	24.5
30	16QAM	36	18	23.69	23.54	23.46	24.5
30	64QAM	36	18	23.33	23.28	23.13	24.5
30	256QAM	36	18	21.14	21.23	21.19	22.5

Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	50	25	23.68	23.55	23.67	24.5
20	QPSK	50	25	23.90	23.87	23.98	24.5
20	16QAM	50	25	23.53	23.51	23.38	24.5
20	64QAM	50	25	23.32	23.16	23.10	24.5
20	256QAM	50	25	21.36	21.12	21.19	22.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit
Channel				509202	518598	528000	(dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	137	68	23.97	23.89	23.65	24.5
100	16QAM	137	68	23.49	23.56	23.49	24.5
100	64QAM	137	68	23.25	23.27	23.15	24.5
100	256QAM	137	68	20.83	20.92	20.79	22.5

Ant 1 Sensor off

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	2	0	24.73	24.76	24.79	26.5
100	PI/2 BPSK	2	271	24.74	24.77	24.87	
100	PI/2 BPSK	1	0	24.72	24.68	24.72	
100	PI/2 BPSK	1	272	24.75	24.99	24.67	
100	PI/2 BPSK	270	0	24.60	24.52	24.97	26.5
100	PI/2 BPSK	135	67	25.27	25.04	25.22	27.0
100	PI/2 BPSK	1	1	25.37	25.47	25.18	
100	PI/2 BPSK	1	271	25.23	25.33	25.10	
100	QPSK	2	0	24.57	24.56	24.84	26.5
100	QPSK	2	271	24.82	24.60	24.87	
100	QPSK	1	0	24.58	24.77	24.96	
100	QPSK	1	272	24.79	25.09	24.98	
100	QPSK	270	0	24.75	24.78	25.06	26.5
100	QPSK	135	67	25.35	25.42	25.27	27.0
100	QPSK	1	1	25.49	25.53	25.28	
100	QPSK	1	271	25.38	25.49	25.24	
100	16QAM	2	0	23.30	23.24	23.18	25.0
100	16QAM	2	271	23.49	23.06	23.15	
100	16QAM	1	0	23.38	23.28	23.45	
100	16QAM	1	272	23.25	23.77	23.39	
100	16QAM	270	0	23.55	23.52	23.08	25.0
100	16QAM	135	67	24.49	24.55	24.12	26.0
100	16QAM	1	1	24.50	24.45	24.41	
100	16QAM	1	271	24.66	24.33	24.35	
100	64QAM	2	0	22.78	22.97	23.10	24.5
100	64QAM	2	271	22.90	23.03	22.75	
100	64QAM	1	0	22.82	22.96	22.64	
100	64QAM	1	272	22.84	23.20	23.00	
100	64QAM	270	0	23.13	22.86	23.15	24.5
100	64QAM	135	67	22.79	23.19	23.01	24.5
100	64QAM	1	1	22.87	23.11	23.08	
100	64QAM	1	271	22.82	23.09	22.93	
100	256QAM	2	0	21.00	21.07	20.95	22.5
100	256QAM	2	271	21.06	20.93	21.41	
100	256QAM	1	0	21.08	21.12	21.40	
100	256QAM	1	272	20.94	21.02	21.25	
100	256QAM	270	0	21.15	21.27	21.29	22.5
100	256QAM	135	67	20.96	21.30	21.25	22.5
100	256QAM	1	1	20.96	21.23	20.95	
100	256QAM	1	271	20.82	20.98	21.05	

Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	25.05	25.14	25.04	27.0
90	QPSK	120	60	25.09	25.21	25.38	27.0
90	16QAM	120	60	24.43	24.27	24.28	26.0
90	64QAM	120	60	22.62	22.85	22.98	24.5
90	256QAM	120	60	21.10	20.77	20.88	22.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	25.32	25.18	25.39	27.0
80	QPSK	108	54	25.24	25.15	25.30	27.0
80	16QAM	108	54	24.39	24.21	24.58	26.0
80	64QAM	108	54	22.74	22.67	22.57	24.5
80	256QAM	108	54	20.69	20.97	21.02	22.5
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	90	45	25.12	25.22	25.15	27.0
70	QPSK	90	45	25.47	25.36	25.40	27.0
70	16QAM	90	45	24.48	24.25	24.38	26.0
70	64QAM	90	45	22.79	22.61	23.07	24.5
70	256QAM	90	45	20.98	21.23	20.73	22.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	25.16	25.30	25.10	27.0
60	QPSK	81	40	25.20	25.17	25.32	27.0
60	16QAM	81	40	24.73	24.39	24.33	26.0
60	64QAM	81	40	22.69	22.65	22.92	24.5
60	256QAM	81	40	20.80	20.87	21.02	22.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	25.15	25.07	25.16	27.0
50	QPSK	64	32	25.18	25.36	25.34	27.0
50	16QAM	64	32	24.35	24.33	24.40	26.0
50	64QAM	64	32	22.59	22.78	22.64	24.5
50	256QAM	64	32	20.77	20.71	21.04	22.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	25.19	25.09	25.04	27.0
40	QPSK	50	25	25.32	25.18	25.16	27.0
40	16QAM	50	25	24.35	24.57	24.02	26.0
40	64QAM	50	25	22.71	22.31	22.86	24.5
40	256QAM	50	25	21.28	20.96	20.80	22.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	36	18	25.20	25.12	25.07	27.0
30	QPSK	36	18	25.36	25.14	25.26	27.0
30	16QAM	36	18	24.50	24.23	24.54	26.0
30	64QAM	36	18	22.74	22.57	22.68	24.5
30	256QAM	36	18	20.82	21.29	20.91	22.5

Channel				501204	518598	535998	Tune-up limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	50	25	25.28	25.31	25.11	27.0
20	QPSK	50	25	25.12	25.31	25.19	27.0
20	16QAM	50	25	24.33	24.30	24.31	26.0
20	64QAM	50	25	22.78	22.67	22.57	24.5
20	256QAM	50	25	20.96	21.11	20.86	22.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	137	68	25.07	25.12	25.09	27.0
100	16QAM	137	68	24.16	24.23	24.10	26.0
100	64QAM	137	68	22.82	22.79	22.63	24.5
100	256QAM	137	68	20.73	20.68	20.77	22.5

Ant 1 Hotspot on

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	2	0	22.60	22.73	22.59	23.5
100	PI/2 BPSK	2	271	22.43	22.59	22.47	
100	PI/2 BPSK	1	0	22.09	22.23	22.33	
100	PI/2 BPSK	1	272	22.94	22.87	22.90	
100	PI/2 BPSK	270	0	23.16	22.97	22.84	23.5
100	PI/2 BPSK	135	67	23.27	23.44	23.19	24.0
100	PI/2 BPSK	1	1	23.55	23.29	23.34	
100	PI/2 BPSK	1	271	23.33	23.48	23.47	
100	QPSK	2	0	22.94	22.87	22.90	23.5
100	QPSK	2	271	21.73	21.91	21.85	
100	QPSK	1	0	21.74	21.67	21.83	
100	QPSK	1	272	21.91	22.04	22.18	
100	QPSK	270	0	21.96	22.29	21.73	23.5
100	QPSK	135	67	23.27	23.63	23.52	24.0
100	QPSK	1	1	23.57	23.68	23.66	
100	QPSK	1	271	23.41	23.51	23.49	
100	16QAM	2	0	20.42	20.86	20.94	22.0
100	16QAM	2	271	21.19	21.32	21.09	
100	16QAM	1	0	21.22	21.28	21.06	
100	16QAM	1	272	21.59	21.67	21.40	
100	16QAM	270	0	20.38	21.14	20.78	22.0
100	16QAM	135	67	22.42	22.69	22.66	23.0
100	16QAM	1	1	22.73	22.63	22.61	
100	16QAM	1	271	22.29	22.51	22.63	
100	64QAM	2	0	20.20	20.17	20.14	21.0
100	64QAM	2	271	20.69	20.84	20.72	
100	64QAM	1	0	20.52	20.23	20.41	
100	64QAM	1	272	20.51	20.74	20.70	
100	64QAM	270	0	20.46	20.37	20.37	21.5
100	64QAM	135	67	21.26	21.31	21.07	21.5
100	64QAM	1	1	21.13	21.15	21.08	
100	64QAM	1	271	21.04	21.18	21.09	
100	256QAM	2	0	18.77	18.76	18.63	19.5
100	256QAM	2	271	18.51	18.63	18.72	
100	256QAM	1	0	18.14	18.31	18.26	
100	256QAM	1	272	18.77	18.64	18.76	
100	256QAM	270	0	18.56	18.73	18.91	19.5
100	256QAM	135	67	18.96	18.79	18.86	19.5
100	256QAM	1	1	18.62	18.59	18.67	
100	256QAM	1	271	18.59	18.63	18.85	

Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	23.19	23.58	22.99	24.0
90	QPSK	120	60	23.35	23.53	23.33	24.0
90	16QAM	120	60	22.57	22.72	22.67	23.0
90	64QAM	120	60	21.33	21.28	21.22	21.5
90	256QAM	120	60	19.05	18.88	18.99	19.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	23.53	23.33	23.03	24.0
80	QPSK	108	54	23.34	23.51	23.62	24.0
80	16QAM	108	54	22.43	22.55	22.36	23.0
80	64QAM	108	54	21.21	21.45	20.72	21.5
80	256QAM	108	54	18.89	18.90	18.96	19.5
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	90	45	23.14	23.48	23.36	24.0
70	QPSK	90	45	22.90	23.55	23.41	24.0
70	16QAM	90	45	22.55	22.48	22.62	23.0
70	64QAM	90	45	21.24	21.12	21.08	21.5
70	256QAM	90	45	18.96	18.80	18.80	19.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	23.22	23.33	22.89	24.0
60	QPSK	81	40	23.37	23.56	23.40	24.0
60	16QAM	81	40	22.36	22.82	22.67	23.0
60	64QAM	81	40	21.18	21.35	20.99	21.5
60	256QAM	81	40	18.68	18.68	18.78	19.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	23.19	23.41	23.23	24.0
50	QPSK	64	32	23.36	23.64	23.57	24.0
50	16QAM	64	32	22.65	22.84	22.75	23.0
50	64QAM	64	32	21.33	21.37	21.23	21.5
50	256QAM	64	32	18.90	18.87	18.98	19.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	23.04	23.45	23.11	24.0
40	QPSK	50	25	23.07	23.43	23.51	24.0
40	16QAM	50	25	22.29	22.70	22.78	23.0
40	64QAM	50	25	21.14	21.37	21.19	21.5
40	256QAM	50	25	19.10	18.84	18.82	19.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	36	18	23.29	23.55	23.34	24.0
30	QPSK	36	18	23.13	23.47	23.60	24.0
30	16QAM	36	18	22.36	22.74	22.59	23.0
30	64QAM	36	18	21.27	20.86	20.95	21.5
30	256QAM	36	18	18.87	19.05	18.63	19.5

Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	50	25	23.44	23.60	23.15	24.0
20	QPSK	50	25	23.25	23.62	23.55	24.0
20	16QAM	50	25	22.39	22.48	22.75	23.0
20	64QAM	50	25	21.36	21.22	21.01	21.5
20	256QAM	50	25	18.87	18.98	18.79	19.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	137	68	22.85	23.30	22.92	24.0
100	16QAM	137	68	22.31	22.42	22.37	23.0
100	64QAM	137	68	20.07	20.22	20.16	21.5
100	256QAM	137	68	17.64	17.89	17.51	19.5

Note: The tested channel results are marks in bold.

11. Conducted power measurement results of 5G NR n48

Ant 4_Receiver on & Sensor off

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	2	0	21.79	22.01	22.01	23.5
40	PI/2 BPSK	2	104	21.82	21.78	21.78	
40	PI/2 BPSK	1	0	21.82	21.91	22.03	
40	PI/2 BPSK	1	105	21.98	21.78	22.25	
40	PI/2 BPSK	100	0	21.88	21.78	21.80	23.5
40	PI/2 BPSK	50	25	22.45	22.39	22.56	24.0
40	PI/2 BPSK	1	1	22.42	22.39	22.55	
40	PI/2 BPSK	1	104	22.25	22.58	22.63	
40	QPSK	2	0	21.81	21.93	21.78	23.5
40	QPSK	2	104	21.88	21.79	21.96	
40	QPSK	1	0	22.23	21.73	21.94	
40	QPSK	1	105	22.04	22.21	21.82	
40	QPSK	100	0	21.95	21.74	21.76	23.5
40	QPSK	50	25	22.57	22.48	22.31	24.0
40	QPSK	1	1	22.77	22.72	22.48	
40	QPSK	1	104	22.63	22.62	22.49	
40	16QAM	2	0	20.57	20.55	20.62	22.0
40	16QAM	2	104	20.68	20.92	20.54	
40	16QAM	1	0	20.63	21.08	20.73	
40	16QAM	1	105	20.87	21.01	20.88	
40	16QAM	100	0	20.59	20.88	20.47	22.0
40	16QAM	50	25	21.86	21.68	21.63	23.0
40	16QAM	1	1	21.39	21.36	21.37	
40	16QAM	1	104	21.41	21.55	21.55	
40	64QAM	2	0	20.31	20.19	19.91	21.5
40	64QAM	2	104	20.19	20.05	20.46	
40	64QAM	1	0	20.03	20.45	20.50	
40	64QAM	1	105	19.86	20.24	20.19	
40	64QAM	100	0	19.92	19.88	19.81	21.5
40	64QAM	50	25	20.19	20.11	20.03	21.5
40	64QAM	1	1	19.94	20.28	19.95	
40	64QAM	1	104	20.14	20.06	20.21	
40	256QAM	2	0	18.01	18.07	17.67	19.5
40	256QAM	2	104	17.66	18.00	17.81	
40	256QAM	1	0	17.81	17.93	17.74	
40	256QAM	1	105	17.95	18.16	17.53	
40	256QAM	100	0	18.04	17.80	17.94	19.5
40	256QAM	50	25	18.15	18.02	17.90	19.5
40	256QAM	1	1	18.58	18.29	18.17	
40	256QAM	1	104	18.17	17.92	18.03	

Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	36	18	22.56	22.25	22.35	24.0
30	QPSK	36	18	22.45	22.69	22.38	24.0
30	16QAM	36	18	21.62	21.60	21.41	23.0
30	64QAM	36	18	20.20	20.03	19.64	21.5
30	256QAM	36	18	18.51	17.98	18.32	19.5
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	25	12	22.70	22.40	22.25	24.0
20	QPSK	25	12	22.56	22.63	22.39	24.0
20	16QAM	25	12	21.75	21.92	21.69	23.0
20	64QAM	25	12	20.03	19.76	19.67	21.5
20	256QAM	25	12	18.32	18.14	18.49	19.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	QPSK	53	26	22.21	22.11	22.10	24.0
40	16QAM	53	26	21.86	21.89	21.59	23.0
40	64QAM	53	26	19.73	19.90	19.65	21.5
40	256QAM	53	26	18.41	18.17	19.20	19.5

Ant 4 Hotspot on

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641667	645334	
Frequency (MHz)				3570	3625	3680	
40	PI/2 BPSK	2	0	20.43	20.44	20.37	21.5
40	PI/2 BPSK	2	104	20.30	20.21	20.29	
40	PI/2 BPSK	1	0	20.46	20.30	20.28	
40	PI/2 BPSK	1	105	20.22	20.26	20.61	
40	PI/2 BPSK	100	0	20.47	20.33	20.29	21.5
40	PI/2 BPSK	50	25	20.49	20.34	20.37	21.5
40	PI/2 BPSK	1	1	20.34	20.51	20.56	
40	PI/2 BPSK	1	104	20.27	20.53	20.52	
40	QPSK	2	0	20.41	20.47	20.40	21.5
40	QPSK	2	104	20.46	20.46	20.46	
40	QPSK	1	0	20.46	20.51	20.47	
40	QPSK	1	105	20.44	20.55	20.44	
40	QPSK	100	0	20.49	20.35	20.38	21.5
40	QPSK	50	25	20.56	20.36	20.21	21.5
40	QPSK	1	1	20.69	20.59	20.38	
40	QPSK	1	104	20.68	20.51	20.41	
40	16QAM	2	0	20.53	20.28	20.23	21.5
40	16QAM	2	104	20.37	20.49	20.30	
40	16QAM	1	0	20.55	20.65	20.45	
40	16QAM	1	105	20.45	20.61	20.46	
40	16QAM	100	0	20.48	20.37	20.36	21.5
40	16QAM	50	25	20.62	20.36	20.25	21.5
40	16QAM	1	1	20.39	20.58	20.45	
40	16QAM	1	104	20.29	20.47	20.41	
40	64QAM	2	0	20.37	20.16	19.97	21.5
40	64QAM	2	104	20.04	20.17	20.36	
40	64QAM	1	0	20.17	20.18	20.46	
40	64QAM	1	105	20.04	20.14	20.32	
40	64QAM	100	0	20.16	19.88	19.85	21.5
40	64QAM	50	25	20.17	19.86	19.78	21.5
40	64QAM	1	1	19.94	20.23	19.99	
40	64QAM	1	104	19.90	20.16	20.17	
40	256QAM	2	0	18.14	18.00	17.88	19.5
40	256QAM	2	104	17.81	17.93	17.92	
40	256QAM	1	0	17.85	18.02	18.14	
40	256QAM	1	105	18.03	18.06	17.84	
40	256QAM	100	0	18.16	17.87	17.85	19.5
40	256QAM	50	25	18.15	17.89	17.84	19.5
40	256QAM	1	1	18.39	18.14	18.28	
40	256QAM	1	104	18.23	18.05	17.83	

Channel				637667	641667	645667	Tune-up limit (dBm)
Frequency (MHz)				3565	3625	3685	
30	PI/2 BPSK	36	18	20.49	20.34	20.07	21.5
30	QPSK	36	18	20.36	20.49	20.57	21.5
30	16QAM	36	18	20.50	20.36	20.36	21.5
30	64QAM	36	18	20.05	19.86	19.68	21.5
30	256QAM	36	18	18.04	17.89	18.10	19.5
Channel				637334	641667	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3625	3690	
20	PI/2 BPSK	25	12	20.52	20.34	20.60	21.5
20	QPSK	25	12	20.35	20.45	20.29	21.5
20	16QAM	25	12	20.40	20.12	20.42	21.5
20	64QAM	25	12	19.92	20.02	19.91	21.5
20	256QAM	25	12	18.13	17.60	17.78	19.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641667	643334	
Frequency (MHz)				3600	3625	3650	Tune-up limit (dBm)
40	QPSK	53	26	20.21	20.11	20.10	21.5
40	16QAM	53	26	20.33	20.36	20.06	21.5
40	64QAM	53	26	19.73	19.90	19.65	21.5
40	256QAM	53	26	18.41	18.17	19.20	19.5

Note: The tested channel results are marks in bold.

12. Conducted power measurement results of 5G NR n66

Ant 1_Receiver on & Sensor off

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	2	0	22.36	22.36	22.27	23.5
30	PI/2 BPSK	2	158	22.14	22.31	22.40	
30	PI/2 BPSK	1	0	22.44	22.37	22.37	
30	PI/2 BPSK	1	159	22.16	22.06	22.15	
30	PI/2 BPSK	160	0	22.42	22.19	22.16	23.5
30	PI/2 BPSK	80	40	22.53	22.82	22.44	24.0
30	PI/2 BPSK	1	1	22.52	22.27	22.52	
30	PI/2 BPSK	1	158	22.75	22.56	22.42	
30	QPSK	2	0	22.36	22.17	22.37	23.5
30	QPSK	2	158	22.01	22.18	22.09	
30	QPSK	1	0	22.05	22.39	22.35	
30	QPSK	1	159	22.21	22.23	22.62	
30	QPSK	160	0	22.35	22.27	22.35	23.5
30	QPSK	80	40	22.85	22.43	22.71	24.0
30	QPSK	1	1	22.92	22.60	22.73	
30	QPSK	1	158	22.81	22.93	22.58	
30	16QAM	2	0	20.76	20.77	20.66	22.0
30	16QAM	2	158	20.90	21.02	20.88	
30	16QAM	1	0	20.86	20.77	20.71	
30	16QAM	1	159	20.75	20.70	20.69	
30	16QAM	160	0	20.82	21.07	20.64	22.0
30	16QAM	80	40	22.11	22.03	22.24	23.0
30	16QAM	1	1	22.06	22.05	22.17	
30	16QAM	1	158	21.97	21.95	21.81	
30	64QAM	2	0	20.57	20.87	20.59	21.5
30	64QAM	2	158	20.31	20.20	20.46	
30	64QAM	1	0	20.62	20.51	20.24	
30	64QAM	1	159	20.53	20.61	20.33	
30	64QAM	160	0	20.20	20.24	20.26	21.5
30	64QAM	80	40	20.38	20.42	20.21	21.5
30	64QAM	1	1	20.36	20.66	20.52	
30	64QAM	1	158	20.23	20.49	20.38	
30	256QAM	2	0	18.78	18.48	18.34	19.5
30	256QAM	2	158	18.11	18.46	18.31	
30	256QAM	1	0	18.80	18.52	18.67	
30	256QAM	1	159	18.25	18.50	18.53	
30	256QAM	160	0	18.81	18.52	18.47	19.5
30	256QAM	80	40	18.58	18.41	18.56	19.5
30	256QAM	1	1	18.69	18.91	18.80	
30	256QAM	1	158	18.31	18.41	18.37	

Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	50	25	22.69	22.71	22.52	24.0
20	QPSK	50	25	22.84	22.24	22.68	24.0
20	16QAM	50	25	22.14	22.32	22.03	23.0
20	64QAM	50	25	20.46	20.63	20.38	21.5
20	256QAM	50	25	18.60	18.32	18.79	19.5
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	22.45	22.68	22.63	24.0
15	QPSK	36	18	22.84	22.39	22.51	24.0
15	16QAM	36	18	21.57	21.96	21.71	23.0
15	64QAM	36	18	20.43	20.36	19.95	21.5
15	256QAM	36	18	18.29	18.43	18.82	19.5
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	22.45	22.83	22.43	24.0
10	QPSK	25	12	22.80	22.42	22.78	24.0
10	16QAM	25	12	22.01	22.22	22.30	23.0
10	64QAM	25	12	20.51	20.23	20.23	21.5
10	256QAM	25	12	18.77	18.42	18.53	19.5
Channel				342500	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	22.50	22.79	22.45	24.0
5	QPSK	12	6	22.79	22.46	22.64	24.0
5	16QAM	12	6	21.82	22.06	21.94	23.0
5	64QAM	12	6	20.53	20.32	20.28	21.5
5	256QAM	12	6	18.49	18.26	18.44	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	QPSK	80	40	22.60	22.63	22.62	24.0
30	16QAM	80	40	21.71	21.89	22.07	23.0
30	64QAM	80	40	20.23	20.25	20.05	21.5
30	256QAM	80	40	18.34	18.28	18.13	19.5

Ant 1 Hotspot on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	2	0	21.52	21.45	21.27	22.5
30	PI/2 BPSK	2	158	21.46	21.34	21.50	
30	PI/2 BPSK	1	0	21.73	21.56	21.76	
30	PI/2 BPSK	1	159	21.55	21.41	21.51	
30	PI/2 BPSK	160	0	21.61	21.46	21.32	22.5
30	PI/2 BPSK	80	40	21.73	21.81	21.69	22.5
30	PI/2 BPSK	1	1	21.63	21.74	21.57	
30	PI/2 BPSK	1	158	21.70	21.70	21.65	
30	QPSK	2	0	21.70	21.75	21.85	22.5
30	QPSK	2	158	21.44	21.66	21.58	
30	QPSK	1	0	21.68	21.82	21.76	
30	QPSK	1	159	21.71	21.60	22.00	
30	QPSK	160	0	21.83	21.76	21.87	22.5
30	QPSK	80	40	21.94	21.83	21.85	22.5
30	QPSK	1	1	22.03	21.86	21.76	
30	QPSK	1	158	21.82	21.73	21.69	
30	16QAM	2	0	20.77	20.72	20.58	22.0
30	16QAM	2	158	20.75	20.91	20.87	
30	16QAM	1	0	21.04	21.09	20.88	
30	16QAM	1	159	20.97	21.00	20.70	
30	16QAM	160	0	20.99	20.98	20.81	22.0
30	16QAM	80	40	21.94	21.95	21.82	22.5
30	16QAM	1	1	21.70	21.92	21.83	
30	16QAM	1	158	21.82	21.91	21.58	
30	64QAM	2	0	20.61	20.52	20.38	21.5
30	64QAM	2	158	20.18	20.47	20.38	
30	64QAM	1	0	20.65	20.54	20.42	
30	64QAM	1	159	20.57	20.43	20.19	
30	64QAM	160	0	20.46	20.47	20.32	21.5
30	64QAM	80	40	20.44	20.36	20.29	21.5
30	64QAM	1	1	20.33	20.57	20.64	
30	64QAM	1	158	20.42	20.45	20.22	
30	256QAM	2	0	18.53	18.56	18.36	19.5
30	256QAM	2	158	18.21	18.26	18.23	
30	256QAM	1	0	18.85	18.56	18.63	
30	256QAM	1	159	18.42	18.44	18.45	
30	256QAM	160	0	18.65	18.39	18.55	19.5
30	256QAM	80	40	18.51	18.39	18.59	19.5
30	256QAM	1	1	18.81	18.71	18.86	
30	256QAM	1	158	18.35	18.29	18.38	

Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	50	25	21.71	21.59	21.58	22.5
20	QPSK	50	25	21.70	21.79	21.51	22.5
20	16QAM	50	25	21.75	21.72	21.57	22.5
20	64QAM	50	25	20.69	20.55	20.37	21.5
20	256QAM	50	25	18.29	18.60	18.12	19.5
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	21.81	21.86	21.65	22.5
15	QPSK	36	18	21.66	21.52	21.51	22.5
15	16QAM	36	18	21.70	21.98	21.65	22.5
15	64QAM	36	18	20.17	20.31	20.47	21.5
15	256QAM	36	18	18.45	18.25	18.08	19.5
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	21.77	21.77	21.61	22.5
10	QPSK	25	12	21.73	21.74	21.26	22.5
10	16QAM	25	12	21.70	21.75	21.70	22.5
10	64QAM	25	12	20.47	20.58	20.44	21.5
10	256QAM	25	12	18.25	18.41	18.59	19.5
Channel				342500	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	21.83	21.66	21.66	22.5
5	QPSK	12	6	21.65	21.16	21.55	22.5
5	16QAM	12	6	21.71	21.82	21.67	22.5
5	64QAM	12	6	20.32	20.17	20.10	21.5
5	256QAM	12	6	18.52	18.35	18.20	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	QPSK	80	40	21.43	21.50	21.43	22.5
30	16QAM	80	40	21.25	21.01	21.10	22.5
30	64QAM	80	40	20.19	20.32	19.96	21.5
30	256QAM	80	40	18.39	18.35	18.10	19.5

Note: The tested channel results are marks in bold.

13. Conducted power measurement results of 5G NR n70

Ant 1_Receiver on & Sensor off & Hotspot on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	340500	-	
Frequency (MHz)				-	1702.5	-	
15	PI/2 BPSK	2	0	-	21.95	-	23.5
15	PI/2 BPSK	2	77	-	22.08	-	
15	PI/2 BPSK	1	0	-	22.47	-	
15	PI/2 BPSK	1	78	-	22.03	-	
15	PI/2 BPSK	75	0	-	22.27	-	23.5
15	PI/2 BPSK	36	18	-	22.27	-	24.0
15	PI/2 BPSK	1	1	-	22.35	-	
15	PI/2 BPSK	1	77	-	22.39	-	
15	QPSK	2	0	-	22.34	-	23.5
15	QPSK	2	77	-	22.27	-	
15	QPSK	1	0	-	22.70	-	
15	QPSK	1	78	-	22.29	-	
15	QPSK	75	0	-	22.30	-	23.5
15	QPSK	36	18	-	22.83	-	24.0
15	QPSK	1	1	-	22.92	-	
15	QPSK	1	77	-	23.01	-	
15	16QAM	2	0	-	21.23	-	22.0
15	16QAM	2	77	-	21.22	-	
15	16QAM	1	0	-	21.03	-	
15	16QAM	1	78	-	21.35	-	
15	16QAM	75	0	-	21.11	-	22.0
15	16QAM	36	18	-	22.14	-	23.0
15	16QAM	1	1	-	22.35	-	
15	16QAM	1	77	-	21.96	-	
15	64QAM	2	0	-	20.64	-	21.5
15	64QAM	2	77	-	20.52	-	
15	64QAM	1	0	-	20.41	-	
15	64QAM	1	78	-	20.39	-	
15	64QAM	75	0	-	20.26	-	21.5
15	64QAM	36	18	-	20.76	-	21.5
15	64QAM	1	1	-	20.83	-	
15	64QAM	1	77	-	21.02	-	
15	256QAM	2	0	-	18.85	-	19.5
15	256QAM	2	77	-	18.90	-	
15	256QAM	1	0	-	18.93	-	
15	256QAM	1	78	-	19.16	-	
15	256QAM	75	0	-	18.94	-	19.5
15	256QAM	36	18	-	18.50	-	19.5
15	256QAM	1	1	-	18.75	-	
15	256QAM	1	77	-	19.02	-	

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	340500	-	
Frequency (MHz)				-	1702.5	-	
15	QPSK	39	19	-	22.85	-	24.0
15	16QAM	39	19	-	21.70	-	23.0
15	64QAM	39	19	-	20.56	-	21.5
15	256QAM	39	19	-	18.97	-	19.5

Note: The tested channel results are marks in bold.

14. Conducted power measurement results of 5G NR n71

Ant 0_Receiver on & Sensor off & Hotspot on

DFT-s-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	2	0	21.95	21.59	21.95	23.5
20	PI/2 BPSK	2	104	21.92	21.73	21.94	
20	PI/2 BPSK	1	0	21.83	22.17	21.50	
20	PI/2 BPSK	1	105	22.02	22.05	21.87	
20	PI/2 BPSK	100	0	21.96	21.93	22.07	23.5
20	PI/2 BPSK	50	25	22.67	22.57	22.52	24.0
20	PI/2 BPSK	1	1	22.75	22.91	22.65	
20	PI/2 BPSK	1	104	22.62	22.74	22.61	
20	QPSK	2	0	22.51	22.10	22.35	23.5
20	QPSK	2	104	21.89	21.92	21.83	
20	QPSK	1	0	22.12	21.82	22.07	
20	QPSK	1	105	21.82	21.46	21.90	
20	QPSK	100	0	22.03	22.09	22.01	23.5
20	QPSK	50	25	22.95	22.80	22.78	24.0
20	QPSK	1	1	23.01	22.91	22.85	
20	QPSK	1	104	22.81	22.72	22.78	
20	16QAM	2	0	20.90	20.77	21.21	22.0
20	16QAM	2	104	21.10	21.03	20.89	
20	16QAM	1	0	21.09	21.17	21.32	
20	16QAM	1	105	20.98	20.76	21.10	
20	16QAM	100	0	20.69	20.95	20.79	22.0
20	16QAM	50	25	21.64	22.12	22.12	23.0
20	16QAM	1	1	21.70	22.10	22.43	
20	16QAM	1	104	22.41	22.06	21.72	
20	64QAM	2	0	20.52	20.82	20.63	21.5
20	64QAM	2	104	20.70	20.46	20.90	
20	64QAM	1	0	20.82	20.73	20.72	
20	64QAM	1	105	20.37	20.51	20.39	
20	64QAM	100	0	20.93	20.35	20.54	21.5
20	64QAM	50	25	20.54	20.65	20.55	21.5
20	64QAM	1	1	20.73	20.92	20.76	
20	64QAM	1	104	20.47	21.01	20.76	
20	256QAM	2	0	18.92	18.60	18.34	19.5
20	256QAM	2	104	18.81	17.90	18.27	
20	256QAM	1	0	18.35	18.52	18.09	
20	256QAM	1	105	18.34	18.36	18.31	
20	256QAM	100	0	18.59	18.63	18.62	19.5
20	256QAM	50	25	18.51	18.35	18.36	19.5
20	256QAM	1	1	18.31	18.12	18.24	
20	256QAM	1	104	18.07	17.85	18.02	

Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	36	18	22.58	22.72	22.48	24.0
15	QPSK	36	18	22.71	22.83	22.63	24.0
15	16QAM	36	18	21.65	21.88	21.76	23.0
15	64QAM	36	18	20.12	20.14	20.31	21.5
15	256QAM	36	18	17.93	18.05	18.23	19.5
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	25	12	22.89	22.75	22.93	24.0
10	QPSK	25	12	22.81	22.76	22.84	24.0
10	16QAM	25	12	21.72	21.93	21.86	23.0
10	64QAM	25	12	20.22	20.45	20.30	21.5
10	256QAM	25	12	17.73	18.12	18.09	19.5
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	12	6	22.62	22.50	22.80	24.0
5	QPSK	12	6	22.81	22.74	22.73	24.0
5	16QAM	12	6	21.97	21.82	21.82	23.0
5	64QAM	12	6	20.16	20.09	20.25	21.5
5	256QAM	12	6	17.87	18.04	18.08	19.5

CP-OFDM_SCS-15KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	QPSK	53	26	22.85	22.64	22.55	24.0
20	16QAM	53	26	22.15	22.21	22.09	23.0
20	64QAM	53	26	19.88	19.87	20.14	21.5
20	256QAM	53	26	18.19	18.18	18.12	19.5

Note: The tested channel results are marks in bold.

15. Conducted power measurement results of 5G NR n77

Ant 4_Sensor on_3450-3550MHz

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	633334	-	
Frequency (MHz)				-	3500.01	-	
100	PI/2 BPSK	2	0	-	22.25	-	23.0
100	PI/2 BPSK	2	271	-	22.14	-	
100	PI/2 BPSK	1	0	-	21.91	-	
100	PI/2 BPSK	1	272	-	22.17	-	
100	PI/2 BPSK	270	0	-	22.21	-	23.0
100	PI/2 BPSK	135	67	-	22.37	-	23.0
100	PI/2 BPSK	1	1	-	22.68	-	
100	PI/2 BPSK	1	271	-	22.62	-	
100	QPSK	2	0	-	22.26	-	23.0
100	QPSK	2	271	-	22.24	-	
100	QPSK	1	0	-	22.13	-	
100	QPSK	1	272	-	22.20	-	
100	QPSK	270	0	-	22.13	-	23.0
100	QPSK	135	67	-	22.63	-	23.0
100	QPSK	1	1	-	22.77	-	
100	QPSK	1	271	-	22.69	-	
100	16QAM	2	0	-	22.12	-	23.0
100	16QAM	2	271	-	22.28	-	
100	16QAM	1	0	-	22.28	-	
100	16QAM	1	272	-	22.51	-	
100	16QAM	270	0	-	22.26	-	23.0
100	16QAM	135	67	-	22.37	-	23.0
100	16QAM	1	1	-	22.53	-	
100	16QAM	1	271	-	22.65	-	
100	64QAM	2	0	-	21.97	-	23.0
100	64QAM	2	271	-	22.08	-	
100	64QAM	1	0	-	21.83	-	
100	64QAM	1	272	-	22.19	-	
100	64QAM	270	0	-	22.05	-	23.0
100	64QAM	135	67	-	22.21	-	23.0
100	64QAM	1	1	-	22.05	-	
100	64QAM	1	271	-	22.00	-	
100	256QAM	2	0	-	20.66	-	22.5
100	256QAM	2	271	-	20.73	-	
100	256QAM	1	0	-	20.80	-	
100	256QAM	1	272	-	20.57	-	
100	256QAM	270	0	-	20.61	-	22.5
100	256QAM	135	67	-	20.99	-	22.5
100	256QAM	1	1	-	20.77	-	
100	256QAM	1	271	-	20.63	-	

Channel				632668	633334	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3500.01	3510	
80	PI/2 BPSK	108	54	22.37	22.51	22.38	23.0
80	QPSK	108	54	22.27	22.29	22.42	23.0
80	16QAM	108	54	22.49	22.34	22.47	23.0
80	64QAM	108	54	21.99	22.14	22.17	23.0
80	256QAM	108	54	20.84	20.52	20.76	22.5
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	PI/2 BPSK	81	40	22.35	22.34	22.13	23.0
60	QPSK	81	40	22.48	22.40	22.11	23.0
60	16QAM	81	40	22.38	22.27	22.22	23.0
60	64QAM	81	40	21.70	21.83	21.67	23.0
60	256QAM	81	40	20.74	20.83	21.01	22.5
Channel				631334	633334	635334	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3500.01	3530.01	
40	PI/2 BPSK	50	25	22.35	22.71	22.28	23.0
40	QPSK	50	25	22.74	21.89	22.33	23.0
40	16QAM	50	25	22.47	22.49	22.39	23.0
40	64QAM	50	25	21.72	21.80	22.00	23.0
40	256QAM	50	25	20.71	20.74	20.59	22.5
Channel				631000	633334	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3500.01	3534.99	
30	PI/2 BPSK	36	18	22.26	22.37	22.23	23.0
30	QPSK	36	18	22.73	22.21	21.86	23.0
30	16QAM	36	18	22.58	22.53	22.51	23.0
30	64QAM	36	18	20.78	20.77	20.67	23.0
30	256QAM	36	18	20.87	20.81	20.66	22.5
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	PI/2 BPSK	25	12	22.50	22.20	22.06	23.0
20	QPSK	25	12	22.13	22.17	22.00	23.0
20	16QAM	25	12	22.27	22.25	22.38	23.0
20	64QAM	25	12	21.86	21.53	21.65	23.0
20	256QAM	25	12	21.87	20.82	20.97	22.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	633334	-	
Frequency (MHz)				-	3500.01	-	
100	QPSK	137	68	-	22.24	-	23.0
100	16QAM	137	68	-	21.94	-	23.0
100	64QAM	137	68	-	21.34	-	23.0
100	256QAM	137	68	-	20.93	-	22.5

Ant 4 Sensor on 3700-3980MHz

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	2	0	22.07	22.29	21.95	23.0
100	PI/2 BPSK	2	271	22.36	22.20	21.93	
100	PI/2 BPSK	1	0	22.69	22.52	22.67	
100	PI/2 BPSK	1	272	22.04	22.27	22.15	
100	PI/2 BPSK	270	0	22.73	22.71	22.48	23.0
100	PI/2 BPSK	135	67	22.65	22.70	22.77	23.0
100	PI/2 BPSK	1	1	22.72	22.51	22.49	
100	PI/2 BPSK	1	271	22.53	22.53	22.62	
100	QPSK	2	0	22.67	22.27	22.32	23.0
100	QPSK	2	271	22.05	22.26	22.20	
100	QPSK	1	0	22.16	22.23	22.14	
100	QPSK	1	272	22.32	22.45	22.24	
100	QPSK	270	0	22.56	22.61	22.63	23.0
100	QPSK	135	67	22.76	22.68	22.77	23.0
100	QPSK	1	1	22.72	22.81	22.87	
100	QPSK	1	271	22.47	22.76	22.58	
100	16QAM	2	0	22.01	22.32	22.24	23.0
100	16QAM	2	271	22.09	22.32	22.22	
100	16QAM	1	0	21.95	21.99	22.04	
100	16QAM	1	272	22.23	22.60	22.46	
100	16QAM	270	0	22.30	22.34	22.41	23.0
100	16QAM	135	67	22.75	22.59	22.58	23.0
100	16QAM	1	1	22.53	22.28	22.43	
100	16QAM	1	271	22.37	22.40	22.31	
100	64QAM	2	0	22.14	22.07	21.90	23.0
100	64QAM	2	271	22.30	22.37	22.06	
100	64QAM	1	0	22.04	21.86	21.81	
100	64QAM	1	272	22.24	22.31	22.50	
100	64QAM	270	0	22.19	21.94	22.11	23.0
100	64QAM	135	67	21.93	22.05	21.91	23.0
100	64QAM	1	1	22.26	22.03	22.12	
100	64QAM	1	271	22.14	22.10	22.06	
100	256QAM	2	0	21.22	21.24	21.41	22.5
100	256QAM	2	271	20.95	21.12	20.91	
100	256QAM	1	0	21.24	21.08	21.12	
100	256QAM	1	272	21.02	21.13	21.07	
100	256QAM	270	0	21.99	21.56	21.64	22.5
100	256QAM	135	67	21.82	21.91	21.63	22.5
100	256QAM	1	1	21.53	21.52	21.56	
100	256QAM	1	271	21.46	21.29	21.73	

Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	108	54	22.69	22.71	22.58	23.0
80	QPSK	108	54	22.44	22.48	22.56	23.0
80	16QAM	108	54	22.41	22.26	22.19	23.0
80	64QAM	108	54	22.21	22.09	21.96	23.0
80	256QAM	108	54	21.08	21.25	21.23	22.5
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	81	40	22.35	22.61	22.66	23.0
60	QPSK	81	40	22.43	22.24	22.43	23.0
60	16QAM	81	40	22.34	22.37	22.54	23.0
60	64QAM	81	40	21.67	21.82	21.72	23.0
60	256QAM	81	40	20.77	20.65	21.02	22.5
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	50	25	22.71	22.54	22.54	23.0
40	QPSK	50	25	22.34	22.12	22.26	23.0
40	16QAM	50	25	22.54	22.33	22.56	23.0
40	64QAM	50	25	22.22	22.03	22.27	23.0
40	256QAM	50	25	21.13	20.71	20.68	22.5
Channel				647666	656000	664334	Tune-up limit (dBm)
Frequency (MHz)				3714.99	3840	3965.01	
30	PI/2 BPSK	36	18	22.53	22.55	22.37	23.0
30	QPSK	36	18	22.40	22.53	22.61	23.0
30	16QAM	36	18	22.65	22.60	22.72	23.0
30	64QAM	36	18	22.04	22.16	21.67	23.0
30	256QAM	36	18	20.91	21.26	21.01	22.5
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	25	12	22.57	22.62	22.49	23.0
20	QPSK	25	12	22.67	22.66	22.45	23.0
20	16QAM	25	12	22.62	22.66	22.54	23.0
20	64QAM	25	12	22.02	22.22	21.71	23.0
20	256QAM	25	12	21.20	21.28	21.07	22.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	QPSK	137	68	22.75	22.72	22.74	23.0
100	16QAM	137	68	22.48	22.74	22.43	23.0
100	64QAM	137	68	21.27	21.33	21.45	23.0
100	256QAM	137	68	20.88	20.81	20.85	22.5

Ant 4 Receiver on & Sensor off 3450-3550MHz

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	633334	-	
Frequency (MHz)				-	3500.01	-	
100	PI/2 BPSK	2	0	-	24.59	-	26.5
100	PI/2 BPSK	2	271	-	24.61	-	
100	PI/2 BPSK	1	0	-	24.67	-	
100	PI/2 BPSK	1	272	-	24.58	-	
100	PI/2 BPSK	270	0	-	24.61	-	26.5
100	PI/2 BPSK	135	67	-	25.47	-	27.0
100	PI/2 BPSK	1	1	-	25.11	-	
100	PI/2 BPSK	1	271	-	25.26	-	
100	QPSK	2	0	-	24.67	-	26.5
100	QPSK	2	271	-	24.55	-	
100	QPSK	1	0	-	24.62	-	
100	QPSK	1	272	-	24.63	-	
100	QPSK	270	0	-	24.71	-	26.5
100	QPSK	135	67	-	25.50	-	27.0
100	QPSK	1	1	-	25.22	-	
100	QPSK	1	271	-	25.45	-	
100	16QAM	2	0	-	23.57	-	25.0
100	16QAM	2	271	-	23.28	-	
100	16QAM	1	0	-	23.41	-	
100	16QAM	1	272	-	23.24	-	
100	16QAM	270	0	-	23.03	-	25.0
100	16QAM	135	67	-	24.58	-	26.0
100	16QAM	1	1	-	24.34	-	
100	16QAM	1	271	-	24.31	-	
100	64QAM	2	0	-	22.94	-	24.5
100	64QAM	2	271	-	22.92	-	
100	64QAM	1	0	-	22.75	-	
100	64QAM	1	272	-	22.52	-	
100	64QAM	270	0	-	22.70	-	24.5
100	64QAM	135	67	-	23.18	-	24.5
100	64QAM	1	1	-	23.10	-	
100	64QAM	1	271	-	23.06	-	
100	256QAM	2	0	-	20.66	-	22.5
100	256QAM	2	271	-	20.73	-	
100	256QAM	1	0	-	20.80	-	
100	256QAM	1	272	-	20.57	-	
100	256QAM	270	0	-	20.61	-	22.5
100	256QAM	135	67	-	20.99	-	22.5
100	256QAM	1	1	-	20.77	-	
100	256QAM	1	271	-	20.63	-	

Channel				632668	633334	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3500.01	3510	
80	PI/2 BPSK	108	54	25.27	25.34	25.17	27.0
80	QPSK	108	54	25.34	25.31	25.19	27.0
80	16QAM	108	54	24.50	24.37	24.24	26.0
80	64QAM	108	54	23.35	23.18	23.28	24.5
80	256QAM	108	54	20.84	20.52	20.76	22.5
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	PI/2 BPSK	81	40	25.26	25.41	25.33	27.0
60	QPSK	81	40	25.15	25.36	25.25	27.0
60	16QAM	81	40	24.15	24.40	24.20	26.0
60	64QAM	81	40	23.14	23.22	23.12	24.5
60	256QAM	81	40	20.74	20.83	21.01	22.5
Channel				631334	633334	635334	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3500.01	3530.01	
40	PI/2 BPSK	50	25	25.36	25.23	25.20	27.0
40	QPSK	50	25	25.33	25.40	25.07	27.0
40	16QAM	50	25	24.30	24.39	24.46	26.0
40	64QAM	50	25	23.13	23.21	23.30	24.5
40	256QAM	50	25	20.71	20.74	20.59	22.5
Channel				631000	633334	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3500.01	3534.99	
30	PI/2 BPSK	36	18	25.26	25.04	25.17	27.0
30	QPSK	36	18	25.05	25.14	25.30	27.0
30	16QAM	36	18	24.16	24.39	24.41	26.0
30	64QAM	36	18	23.14	23.15	23.15	24.5
30	256QAM	36	18	20.70	20.85	20.71	22.5
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	PI/2 BPSK	25	12	25.19	25.29	25.40	27.0
20	QPSK	25	12	25.40	25.13	25.24	27.0
20	16QAM	25	12	24.49	24.32	24.62	26.0
20	64QAM	25	12	23.18	23.05	23.26	24.5
20	256QAM	25	12	20.69	20.75	20.93	22.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	633334	-	
Frequency (MHz)				-	3500.01	-	
100	QPSK	137	68	-	25.07	-	27.0
100	16QAM	137	68	-	24.13	-	26.0
100	64QAM	137	68	-	22.61	-	24.5
100	256QAM	137	68	-	20.73	-	22.5

Ant 4 Receiver on & Sensor off 3700-3980MHz

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	2	0	24.61	24.83	24.73	26.5
100	PI/2 BPSK	2	271	24.52	24.88	24.83	
100	PI/2 BPSK	1	0	24.74	24.73	24.62	
100	PI/2 BPSK	1	272	24.85	24.70	24.63	
100	PI/2 BPSK	270	0	24.69	24.77	24.81	26.5
100	PI/2 BPSK	135	67	25.52	25.49	25.53	27.0
100	PI/2 BPSK	1	1	25.34	25.26	25.41	
100	PI/2 BPSK	1	271	25.47	25.57	25.50	
100	QPSK	2	0	24.81	24.79	24.79	26.5
100	QPSK	2	271	24.71	24.73	24.62	
100	QPSK	1	0	25.00	24.66	24.86	
100	QPSK	1	272	24.87	24.79	24.86	
100	QPSK	270	0	24.97	24.92	24.96	26.5
100	QPSK	135	67	25.68	25.53	25.72	27.0
100	QPSK	1	1	25.34	25.31	25.47	
100	QPSK	1	271	25.29	25.52	25.31	
100	16QAM	2	0	23.69	23.54	23.42	25.0
100	16QAM	2	271	23.28	23.38	23.42	
100	16QAM	1	0	23.56	23.26	23.23	
100	16QAM	1	272	23.23	23.46	23.32	
100	16QAM	270	0	23.08	23.24	23.07	25.0
100	16QAM	135	67	24.94	24.72	24.72	26.0
100	16QAM	1	1	24.28	24.72	24.52	
100	16QAM	1	271	24.79	24.34	24.41	
100	64QAM	2	0	23.17	22.83	23.05	24.5
100	64QAM	2	271	23.21	22.91	23.17	
100	64QAM	1	0	22.87	22.79	22.88	
100	64QAM	1	272	22.95	22.84	22.73	
100	64QAM	270	0	22.96	22.96	22.61	24.5
100	64QAM	135	67	23.31	23.23	23.17	24.5
100	64QAM	1	1	23.06	23.32	23.27	
100	64QAM	1	271	23.05	23.18	23.35	
100	256QAM	2	0	20.65	20.93	20.62	22.5
100	256QAM	2	271	20.80	20.91	20.96	
100	256QAM	1	0	20.93	20.86	20.81	
100	256QAM	1	272	20.61	20.44	20.94	
100	256QAM	270	0	20.68	20.91	20.58	22.5
100	256QAM	135	67	21.28	21.12	20.84	22.5
100	256QAM	1	1	20.81	20.78	20.50	
100	256QAM	1	271	20.78	20.81	20.99	

Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	108	54	25.26	25.57	25.19	27.0
80	QPSK	108	54	25.53	25.45	25.59	27.0
80	16QAM	108	54	24.61	24.79	24.64	26.0
80	64QAM	108	54	23.59	23.33	23.33	24.5
80	256QAM	108	54	21.10	20.71	20.75	22.5
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	81	40	25.19	25.27	25.39	27.0
60	QPSK	81	40	25.23	25.41	25.54	27.0
60	16QAM	81	40	24.55	24.36	24.39	26.0
60	64QAM	81	40	23.45	23.28	23.24	24.5
60	256QAM	81	40	21.24	20.80	21.38	22.5
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	50	25	25.61	25.41	25.34	27.0
40	QPSK	50	25	25.43	25.64	25.23	27.0
40	16QAM	50	25	24.65	24.40	25.04	26.0
40	64QAM	50	25	23.34	23.27	23.41	24.5
40	256QAM	50	25	21.01	20.78	20.64	22.5
Channel				647666	656000	664334	Tune-up limit (dBm)
Frequency (MHz)				3714.99	3840	3965.01	
30	PI/2 BPSK	36	18	25.44	25.22	25.27	27.0
30	QPSK	36	18	25.32	25.24	25.47	27.0
30	16QAM	36	18	24.49	24.52	24.37	26.0
30	64QAM	36	18	23.22	23.53	23.28	24.5
30	256QAM	36	18	21.12	21.19	20.92	22.5
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	25	12	25.38	25.40	25.50	27.0
20	QPSK	25	12	25.34	25.47	25.37	27.0
20	16QAM	25	12	24.44	24.79	24.72	26.0
20	64QAM	25	12	23.18	23.14	23.23	24.5
20	256QAM	25	12	20.86	20.77	21.02	22.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	QPSK	137	68	25.16	25.07	25.09	27.0
100	16QAM	137	68	24.18	24.18	24.29	26.0
100	64QAM	137	68	22.67	22.64	22.78	24.5
100	256QAM	137	68	20.87	20.81	20.84	22.5

Ant 4 Hotspot on 3450-3550MHz

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	633334	-	
Frequency (MHz)				-	3500.01	-	
100	PI/2 BPSK	2	0	-	19.45	-	20.0
100	PI/2 BPSK	2	271	-	19.04	-	
100	PI/2 BPSK	1	0	-	19.12	-	
100	PI/2 BPSK	1	272	-	19.23	-	
100	PI/2 BPSK	270	0	-	19.17	-	20.0
100	PI/2 BPSK	135	67	-	19.27	-	20.0
100	PI/2 BPSK	1	1	-	19.57	-	
100	PI/2 BPSK	1	271	-	18.96	-	
100	QPSK	2	0	-	19.60	-	20.0
100	QPSK	2	271	-	19.29	-	
100	QPSK	1	0	-	18.97	-	
100	QPSK	1	272	-	19.47	-	
100	QPSK	270	0	-	19.39	-	20.0
100	QPSK	135	67	-	19.85	-	20.0
100	QPSK	1	1	-	19.67	-	
100	QPSK	1	271	-	19.74	-	
100	16QAM	2	0	-	18.23	-	20.0
100	16QAM	2	271	-	18.83	-	
100	16QAM	1	0	-	18.51	-	
100	16QAM	1	272	-	19.18	-	
100	16QAM	270	0	-	19.48	-	20.0
100	16QAM	135	67	-	19.43	-	20.0
100	16QAM	1	1	-	18.78	-	
100	16QAM	1	271	-	18.75	-	
100	64QAM	2	0	-	19.05	-	20.0
100	64QAM	2	271	-	18.69	-	
100	64QAM	1	0	-	18.97	-	
100	64QAM	1	272	-	19.45	-	
100	64QAM	270	0	-	19.07	-	20.0
100	64QAM	135	67	-	19.27	-	20.0
100	64QAM	1	1	-	18.74	-	
100	64QAM	1	271	-	19.03	-	
100	256QAM	2	0	-	19.08	-	20.0
100	256QAM	2	271	-	18.95	-	
100	256QAM	1	0	-	18.59	-	
100	256QAM	1	272	-	19.35	-	
100	256QAM	270	0	-	19.27	-	20.0
100	256QAM	135	67	-	19.22	-	20.0
100	256QAM	1	1	-	19.05	-	
100	256QAM	1	271	-	18.99	-	

Channel				632668	633334	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3500.01	3510	
80	PI/2 BPSK	108	54	19.08	19.06	18.77	20.0
80	QPSK	108	54	19.45	18.65	19.01	20.0
80	16QAM	108	54	18.28	19.01	19.40	20.0
80	64QAM	108	54	18.26	19.02	19.83	20.0
80	256QAM	108	54	18.42	18.52	19.32	20.0
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	PI/2 BPSK	81	40	18.85	18.62	19.02	20.0
60	QPSK	81	40	18.48	18.68	18.51	20.0
60	16QAM	81	40	18.83	18.47	18.60	20.0
60	64QAM	81	40	18.58	18.60	18.67	20.0
60	256QAM	81	40	18.78	18.48	18.93	20.0
Channel				631334	633334	635334	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3500.01	3530.01	
40	PI/2 BPSK	50	25	18.72	19.22	18.53	20.0
40	QPSK	50	25	18.54	18.34	18.20	20.0
40	16QAM	50	25	18.70	18.36	18.95	20.0
40	64QAM	50	25	19.05	18.56	18.36	20.0
40	256QAM	50	25	18.95	18.72	18.87	20.0
Channel				631000	633334	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3500.01	3534.99	
30	PI/2 BPSK	36	18	18.79	18.95	18.74	20.0
30	QPSK	36	18	18.26	18.67	18.46	20.0
30	16QAM	36	18	18.67	18.25	18.79	20.0
30	64QAM	36	18	19.24	18.18	19.16	20.0
30	256QAM	36	18	18.90	18.24	18.54	20.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	PI/2 BPSK	25	12	19.10	18.96	19.17	20.0
20	QPSK	25	12	19.41	18.95	18.69	20.0
20	16QAM	25	12	18.61	18.82	18.54	20.0
20	64QAM	25	12	18.34	18.81	19.45	20.0
20	256QAM	25	12	17.81	18.63	18.90	20.0

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	633334	-	
Frequency (MHz)				-	3500.01	-	
100	QPSK	137	68	-	19.00	-	20.0
100	16QAM	137	68	-	19.14	-	20.0
100	64QAM	137	68	-	18.91	-	20.0
100	256QAM	137	68	-	18.21	-	20.0

Ant 4 Hotspot on 3700-3980MHz

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	2	0	19.00	19.23	19.59	20.0
100	PI/2 BPSK	2	271	19.23	19.17	19.11	
100	PI/2 BPSK	1	0	19.33	18.90	19.54	
100	PI/2 BPSK	1	272	18.87	19.20	19.15	
100	PI/2 BPSK	270	0	19.31	19.01	19.03	20.0
100	PI/2 BPSK	135	67	19.28	19.10	18.82	20.0
100	PI/2 BPSK	1	1	19.40	19.42	19.56	
100	PI/2 BPSK	1	271	19.39	19.33	19.37	
100	QPSK	2	0	19.64	19.24	19.34	20.0
100	QPSK	2	271	19.52	19.24	19.65	
100	QPSK	1	0	19.07	19.43	19.75	
100	QPSK	1	272	19.51	19.17	19.30	
100	QPSK	270	0	19.24	19.56	19.21	20.0
100	QPSK	135	67	19.84	19.71	19.53	20.0
100	QPSK	1	1	19.45	19.72	19.71	
100	QPSK	1	271	19.42	19.55	19.64	
100	16QAM	2	0	18.34	18.87	19.43	20.0
100	16QAM	2	271	19.03	18.64	18.58	
100	16QAM	1	0	18.87	19.04	19.00	
100	16QAM	1	272	18.77	19.25	19.06	
100	16QAM	270	0	19.72	19.10	18.90	20.0
100	16QAM	135	67	19.75	19.15	19.16	20.0
100	16QAM	1	1	18.57	18.93	18.89	
100	16QAM	1	271	18.98	19.19	19.22	
100	64QAM	2	0	19.07	18.95	19.14	20.0
100	64QAM	2	271	19.11	19.09	19.27	
100	64QAM	1	0	18.92	19.04	18.99	
100	64QAM	1	272	19.50	19.20	19.03	
100	64QAM	270	0	19.39	18.97	18.82	20.0
100	64QAM	135	67	19.18	18.96	18.70	20.0
100	64QAM	1	1	18.60	19.02	18.62	
100	64QAM	1	271	19.25	19.32	19.13	
100	256QAM	2	0	19.28	19.02	19.25	20.0
100	256QAM	2	271	19.26	19.48	19.10	
100	256QAM	1	0	19.15	19.10	18.87	
100	256QAM	1	272	19.59	19.12	19.34	
100	256QAM	270	0	18.88	18.99	19.42	20.0
100	256QAM	135	67	19.15	19.39	19.22	20.0
100	256QAM	1	1	19.09	19.26	18.73	
100	256QAM	1	271	19.02	19.41	19.14	

Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	108	54	18.43	18.99	18.95	20.0
80	QPSK	108	54	19.45	18.82	19.05	20.0
80	16QAM	108	54	18.51	19.09	19.23	20.0
80	64QAM	108	54	18.29	18.73	19.28	20.0
80	256QAM	108	54	18.94	19.02	19.07	20.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	81	40	18.17	19.28	19.32	20.0
60	QPSK	81	40	19.54	18.56	19.07	20.0
60	16QAM	81	40	18.27	19.15	19.18	20.0
60	64QAM	81	40	18.51	18.74	19.28	20.0
60	256QAM	81	40	19.22	19.04	19.13	20.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	50	25	19.13	19.15	19.11	20.0
40	QPSK	50	25	18.63	18.85	18.89	20.0
40	16QAM	50	25	19.10	18.87	18.96	20.0
40	64QAM	50	25	19.09	18.76	18.94	20.0
40	256QAM	50	25	18.93	18.90	19.08	20.0
Channel				647666	656000	664334	Tune-up limit (dBm)
Frequency (MHz)				3714.99	3840	3965.01	
30	PI/2 BPSK	36	18	19.33	19.40	18.81	20.0
30	QPSK	36	18	18.81	19.14	18.91	20.0
30	16QAM	36	18	19.06	18.71	19.12	20.0
30	64QAM	36	18	19.32	18.63	19.24	20.0
30	256QAM	36	18	19.13	18.61	19.05	20.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	25	12	18.85	19.28	18.94	20.0
20	QPSK	25	12	18.85	18.84	18.64	20.0
20	16QAM	25	12	19.20	18.59	19.24	20.0
20	64QAM	25	12	19.26	18.83	18.66	20.0
20	256QAM	25	12	19.21	19.00	19.01	20.0

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	QPSK	137	68	19.08	19.64	19.27	20.0
100	16QAM	137	68	19.34	18.73	19.32	20.0
100	64QAM	137	68	19.22	18.83	19.39	20.0
100	256QAM	137	68	18.62	18.37	18.17	20.0

Note: The tested channel results are marks in bold.

16. Conducted power measurement results of 5G NR n78

Ant 4_Sensor on_3450-3550MHz

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	633334	-	
Frequency (MHz)				-	3500.01	-	
100	PI/2 BPSK	2	0	-	22.58	-	23.0
100	PI/2 BPSK	2	271	-	22.74	-	
100	PI/2 BPSK	1	0	-	22.11	-	
100	PI/2 BPSK	1	272	-	22.38	-	
100	PI/2 BPSK	270	0	-	22.17	-	23.0
100	PI/2 BPSK	135	67	-	22.68	-	23.0
100	PI/2 BPSK	1	1	-	22.80	-	
100	PI/2 BPSK	1	271	-	22.70	-	
100	QPSK	2	0	-	22.04	-	23.0
100	QPSK	2	271	-	22.13	-	
100	QPSK	1	0	-	22.03	-	
100	QPSK	1	272	-	22.78	-	
100	QPSK	270	0	-	22.24	-	23.0
100	QPSK	135	67	-	22.63	-	23.0
100	QPSK	1	1	-	22.86	-	
100	QPSK	1	271	-	22.55	-	
100	16QAM	2	0	-	22.33	-	23.0
100	16QAM	2	271	-	22.35	-	
100	16QAM	1	0	-	22.30	-	
100	16QAM	1	272	-	22.45	-	
100	16QAM	270	0	-	22.52	-	23.0
100	16QAM	135	67	-	22.60	-	23.0
100	16QAM	1	1	-	22.45	-	
100	16QAM	1	271	-	22.53	-	
100	64QAM	2	0	-	22.29	-	23.0
100	64QAM	2	271	-	22.18	-	
100	64QAM	1	0	-	22.24	-	
100	64QAM	1	272	-	22.62	-	
100	64QAM	270	0	-	22.34	-	23.0
100	64QAM	135	67	-	22.17	-	23.0
100	64QAM	1	1	-	22.36	-	
100	64QAM	1	271	-	22.24	-	
100	256QAM	2	0	-	20.79	-	22.5
100	256QAM	2	271	-	20.91	-	
100	256QAM	1	0	-	20.74	-	
100	256QAM	1	272	-	21.14	-	
100	256QAM	270	0	-	21.12	-	22.5
100	256QAM	135	67	-	21.33	-	22.5
100	256QAM	1	1	-	20.90	-	
100	256QAM	1	271	-	21.03	-	

Channel				633000	633334	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3500.01	3504.99	
90	PI/2 BPSK	120	60	22.56	22.74	22.52	23.0
90	QPSK	120	60	22.53	22.20	22.61	23.0
90	16QAM	120	60	22.60	22.36	22.68	23.0
90	64QAM	120	60	22.22	22.22	22.43	23.0
90	256QAM	120	60	21.12	20.77	20.82	22.5
Channel				632668	633334	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3500.01	3510	
80	PI/2 BPSK	108	54	22.60	22.81	22.67	23.0
80	QPSK	108	54	22.68	22.47	22.36	23.0
80	16QAM	108	54	22.37	22.40	22.50	23.0
80	64QAM	108	54	21.94	22.31	22.21	23.0
80	256QAM	108	54	20.86	20.52	21.00	22.5
Channel				632334	633334	634334	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3500.01	3515.01	
70	PI/2 BPSK	90	45	22.08	22.35	22.33	23.0
70	QPSK	90	45	22.51	22.31	22.47	23.0
70	16QAM	90	45	22.51	22.16	22.55	23.0
70	64QAM	90	45	22.15	22.24	22.34	23.0
70	256QAM	90	45	21.08	20.89	20.97	22.5
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	PI/2 BPSK	81	40	22.26	22.48	22.68	23.0
60	QPSK	81	40	22.71	22.68	22.73	23.0
60	16QAM	81	40	22.49	22.48	22.53	23.0
60	64QAM	81	40	22.31	22.32	21.97	23.0
60	256QAM	81	40	21.24	20.47	20.98	22.5
Channel				631666	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3474.99	3500.01	3525	
50	PI/2 BPSK	64	32	22.50	22.55	22.57	23.0
50	QPSK	64	32	22.63	22.29	22.58	23.0
50	16QAM	64	32	22.45	22.35	22.37	23.0
50	64QAM	64	32	22.34	22.09	22.26	23.0
50	256QAM	64	32	21.09	20.48	20.96	22.5
Channel				631334	633334	635334	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3500.01	3530.01	
40	PI/2 BPSK	50	25	22.74	22.55	22.59	23.0
40	QPSK	50	25	22.58	22.64	22.38	23.0
40	16QAM	50	25	22.34	22.24	22.16	23.0
40	64QAM	50	25	22.41	22.17	22.25	23.0
40	256QAM	50	25	21.13	20.70	21.07	22.5
Channel				631000	633334	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3500.01	3534.99	
30	PI/2 BPSK	36	18	22.66	22.72	22.66	23.0
30	QPSK	36	18	22.45	22.61	22.52	23.0
30	16QAM	36	18	22.57	22.31	22.39	23.0
30	64QAM	36	18	22.09	21.82	22.41	23.0
30	256QAM	36	18	20.97	20.94	20.93	22.5

Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	PI/2 BPSK	25	12	22.24	22.45	22.51	23.0
20	QPSK	25	12	22.27	22.66	22.37	23.0
20	16QAM	25	12	22.61	22.50	22.57	23.0
20	64QAM	25	12	22.05	22.54	22.40	23.0
20	256QAM	25	12	21.02	20.88	21.13	22.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	633334	-	
Frequency (MHz)				-	3500.01	-	
100	QPSK	137	68	-	22.20	-	23.0
100	16QAM	137	68	-	21.98	-	23.0
100	64QAM	137	68	-	21.23	-	23.0
100	256QAM	137	68	-	20.93	-	22.5

Ant 4 Sensor on 3700-3800MHz

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	650000	-	
Frequency (MHz)				-	3750	-	
100	PI/2 BPSK	2	0	-	22.02	-	23.0
100	PI/2 BPSK	2	271	-	22.32	-	
100	PI/2 BPSK	1	0	-	22.10	-	
100	PI/2 BPSK	1	272	-	21.66	-	
100	PI/2 BPSK	270	0	-	21.89	-	23.0
100	PI/2 BPSK	135	67	-	21.86	-	23.0
100	PI/2 BPSK	1	1	-	22.16	-	
100	PI/2 BPSK	1	271	-	22.20	-	
100	QPSK	2	0	-	22.24	-	23.0
100	QPSK	2	271	-	21.87	-	
100	QPSK	1	0	-	22.38	-	
100	QPSK	1	272	-	21.71	-	
100	QPSK	270	0	-	22.06	-	23.0
100	QPSK	135	67	-	22.73	-	23.0
100	QPSK	1	1	-	22.81	-	
100	QPSK	1	271	-	22.54	-	
100	16QAM	2	0	-	22.20	-	23.0
100	16QAM	2	271	-	22.08	-	
100	16QAM	1	0	-	22.18	-	
100	16QAM	1	272	-	21.65	-	
100	16QAM	270	0	-	21.89	-	23.0
100	16QAM	135	67	-	22.28	-	23.0
100	16QAM	1	1	-	21.95	-	
100	16QAM	1	271	-	22.14	-	
100	64QAM	2	0	-	22.23	-	23.0
100	64QAM	2	271	-	22.03	-	
100	64QAM	1	0	-	22.17	-	
100	64QAM	1	272	-	22.04	-	
100	64QAM	270	0	-	21.97	-	23.0
100	64QAM	135	67	-	22.48	-	23.0
100	64QAM	1	1	-	22.35	-	
100	64QAM	1	271	-	22.46	-	
100	256QAM	2	0	-	20.55	-	22.5
100	256QAM	2	271	-	20.84	-	
100	256QAM	1	0	-	20.68	-	
100	256QAM	1	272	-	20.81	-	
100	256QAM	270	0	-	20.64	-	22.5
100	256QAM	135	67	-	21.20	-	22.5
100	256QAM	1	1	-	21.13	-	
100	256QAM	1	271	-	21.06	-	

Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	120	60	22.16	22.07	21.88	23.0
90	QPSK	120	60	22.69	22.38	22.40	23.0
90	16QAM	120	60	22.20	22.36	22.43	23.0
90	64QAM	120	60	22.52	22.40	22.22	23.0
90	256QAM	120	60	20.76	20.86	21.06	22.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	108	54	22.17	22.32	22.44	23.0
80	QPSK	108	54	22.38	22.38	22.69	23.0
80	16QAM	108	54	22.29	22.60	22.12	23.0
80	64QAM	108	54	22.00	22.42	22.36	23.0
80	256QAM	108	54	21.01	21.54	21.58	22.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	90	45	22.02	21.82	22.17	23.0
70	QPSK	90	45	22.24	22.38	22.15	23.0
70	16QAM	90	45	21.90	22.02	21.91	23.0
70	64QAM	90	45	22.36	22.17	22.02	23.0
70	256QAM	90	45	20.96	21.19	21.12	22.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	81	40	22.39	22.46	22.47	23.0
60	QPSK	81	40	22.51	22.56	22.50	23.0
60	16QAM	81	40	22.20	22.31	22.18	23.0
60	64QAM	81	40	22.57	22.11	22.28	23.0
60	256QAM	81	40	21.13	20.95	21.51	22.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	64	32	22.21	22.17	21.84	23.0
50	QPSK	64	32	22.32	22.59	22.59	23.0
50	16QAM	64	32	21.94	22.21	22.07	23.0
50	64QAM	64	32	22.32	22.51	22.53	23.0
50	256QAM	64	32	21.13	20.95	21.46	22.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	50	25	22.32	22.09	21.78	23.0
40	QPSK	50	25	22.29	22.66	22.33	23.0
40	16QAM	50	25	22.17	22.30	21.73	23.0
40	64QAM	50	25	22.49	22.11	22.08	23.0
40	256QAM	50	25	21.35	21.11	21.06	22.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	36	18	22.08	22.15	21.73	23.0
30	QPSK	36	18	22.64	22.34	22.31	23.0
30	16QAM	36	18	22.32	22.14	22.11	23.0
30	64QAM	36	18	22.03	22.30	22.24	23.0
30	256QAM	36	18	21.16	21.23	21.22	22.5

Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	25	12	22.00	22.18	22.16	23.0
20	QPSK	25	12	22.58	22.44	22.61	23.0
20	16QAM	25	12	22.03	22.09	22.50	23.0
20	64QAM	25	12	22.51	22.07	22.55	23.0
20	256QAM	25	12	20.93	20.97	21.19	22.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	650000	-	
Frequency (MHz)				-	3750	-	
100	QPSK	137	68	-	22.04	-	23.0
100	16QAM	137	68	-	22.31	-	23.0
100	64QAM	137	68	-	21.62	-	23.0
100	256QAM	137	68	-	20.70	-	22.5

Ant 4 Receiver on & Sensor off 3450-3550MHz

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	633334	-	
Frequency (MHz)				-	3500.01	-	
100	PI/2 BPSK	2	0	-	24.55	-	26.5
100	PI/2 BPSK	2	271	-	24.73	-	
100	PI/2 BPSK	1	0	-	24.81	-	
100	PI/2 BPSK	1	272	-	24.57	-	
100	PI/2 BPSK	270	0	-	24.63	-	26.5
100	PI/2 BPSK	135	67	-	25.29	-	27.0
100	PI/2 BPSK	1	1	-	25.43	-	
100	PI/2 BPSK	1	271	-	25.21	-	
100	QPSK	2	0	-	24.78	-	26.5
100	QPSK	2	271	-	24.52	-	
100	QPSK	1	0	-	24.70	-	
100	QPSK	1	272	-	24.56	-	
100	QPSK	270	0	-	24.73	-	26.5
100	QPSK	135	67	-	25.71	-	27.0
100	QPSK	1	1	-	25.49	-	
100	QPSK	1	271	-	25.53	-	
100	16QAM	2	0	-	23.38	-	25.0
100	16QAM	2	271	-	23.34	-	
100	16QAM	1	0	-	23.58	-	
100	16QAM	1	272	-	23.16	-	
100	16QAM	270	0	-	23.18	-	25.0
100	16QAM	135	67	-	24.69	-	26.0
100	16QAM	1	1	-	24.55	-	
100	16QAM	1	271	-	24.21	-	
100	64QAM	2	0	-	22.75	-	24.5
100	64QAM	2	271	-	22.89	-	
100	64QAM	1	0	-	22.63	-	
100	64QAM	1	272	-	22.54	-	
100	64QAM	270	0	-	22.62	-	24.5
100	64QAM	135	67	-	23.26	-	24.5
100	64QAM	1	1	-	23.24	-	
100	64QAM	1	271	-	22.93	-	
100	256QAM	2	0	-	20.55	-	22.5
100	256QAM	2	271	-	20.69	-	
100	256QAM	1	0	-	20.62	-	
100	256QAM	1	272	-	20.58	-	
100	256QAM	270	0	-	20.56	-	22.5
100	256QAM	135	67	-	20.90	-	22.5
100	256QAM	1	1	-	20.77	-	
100	256QAM	1	271	-	20.71	-	

Channel				633000	633334	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3500.01	3504.99	
90	PI/2 BPSK	120	60	25.29	25.27	25.37	27.0
90	QPSK	120	60	25.41	25.34	25.52	27.0
90	16QAM	120	60	24.16	24.17	24.20	26.0
90	64QAM	120	60	23.14	23.23	23.11	24.5
90	256QAM	120	60	20.79	20.94	20.69	22.5
Channel				632668	633334	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3500.01	3510	
80	PI/2 BPSK	108	54	25.07	25.07	25.27	27.0
80	QPSK	108	54	25.25	25.28	25.17	27.0
80	16QAM	108	54	24.09	24.28	24.21	26.0
80	64QAM	108	54	23.18	23.09	22.92	24.5
80	256QAM	108	54	20.74	20.83	20.58	22.5
Channel				632334	633334	634334	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3500.01	3515.01	
70	PI/2 BPSK	90	45	25.20	25.17	25.22	27.0
70	QPSK	90	45	25.24	25.31	25.43	27.0
70	16QAM	90	45	24.15	24.51	24.43	26.0
70	64QAM	90	45	23.13	23.14	23.17	24.5
70	256QAM	90	45	20.46	20.82	20.80	22.5
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	PI/2 BPSK	81	40	25.08	25.21	25.01	27.0
60	QPSK	81	40	25.18	25.26	25.43	27.0
60	16QAM	81	40	24.27	24.17	24.41	26.0
60	64QAM	81	40	23.12	22.94	23.34	24.5
60	256QAM	81	40	20.57	20.95	20.87	22.5
Channel				631666	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3474.99	3500.01	3525	
50	PI/2 BPSK	64	32	25.07	25.13	25.02	27.0
50	QPSK	64	32	25.22	25.24	25.35	27.0
50	16QAM	64	32	24.12	24.15	24.49	26.0
50	64QAM	64	32	23.19	23.25	22.96	24.5
50	256QAM	64	32	20.76	20.82	20.74	22.5
Channel				631334	633334	635334	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3500.01	3530.01	
40	PI/2 BPSK	50	25	25.30	25.13	25.25	27.0
40	QPSK	50	25	25.01	25.17	25.31	27.0
40	16QAM	50	25	24.02	24.39	24.40	26.0
40	64QAM	50	25	23.25	23.30	23.42	24.5
40	256QAM	50	25	21.17	21.00	20.75	22.5
Channel				631000	633334	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3500.01	3534.99	
30	PI/2 BPSK	36	18	25.29	25.16	25.35	27.0
30	QPSK	36	18	25.16	25.38	25.38	27.0
30	16QAM	36	18	24.36	24.18	24.35	26.0
30	64QAM	36	18	23.16	23.12	23.41	24.5
30	256QAM	36	18	20.75	20.69	20.53	22.5

Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	PI/2 BPSK	25	12	25.07	25.12	25.02	27.0
20	QPSK	25	12	25.13	25.11	25.51	27.0
20	16QAM	25	12	24.27	24.41	24.41	26.0
20	64QAM	25	12	23.02	23.18	23.37	24.5
20	256QAM	25	12	20.54	20.93	20.67	22.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	633334	-	
Frequency (MHz)				-	3500.01	-	
100	QPSK	137	68	-	25.11	-	27.0
100	16QAM	137	68	-	24.06	-	26.0
100	64QAM	137	68	-	22.68	-	24.5
100	256QAM	137	68	-	20.80	-	22.5

Ant 4 Receiver on & Sensor off_3700-3800MHz

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	650000	-	
Frequency (MHz)				-	3750	-	
100	PI/2 BPSK	2	0	-	24.78	-	26.5
100	PI/2 BPSK	2	271	-	24.61	-	
100	PI/2 BPSK	1	0	-	24.59	-	
100	PI/2 BPSK	1	272	-	24.86	-	
100	PI/2 BPSK	270	0	-	24.79	-	26.5
100	PI/2 BPSK	135	67	-	25.32	-	27.0
100	PI/2 BPSK	1	1	-	25.31	-	
100	PI/2 BPSK	1	271	-	25.54	-	
100	QPSK	2	0	-	24.78	-	26.5
100	QPSK	2	271	-	24.63	-	
100	QPSK	1	0	-	24.61	-	
100	QPSK	1	272	-	24.59	-	
100	QPSK	270	0	-	24.73	-	26.5
100	QPSK	135	67	-	25.44	-	27.0
100	QPSK	1	1	-	25.52	-	
100	QPSK	1	271	-	25.61	-	
100	16QAM	2	0	-	23.59	-	25.0
100	16QAM	2	271	-	23.16	-	
100	16QAM	1	0	-	23.38	-	
100	16QAM	1	272	-	23.17	-	
100	16QAM	270	0	-	23.15	-	25.0
100	16QAM	135	67	-	24.34	-	26.0
100	16QAM	1	1	-	24.12	-	
100	16QAM	1	271	-	24.41	-	
100	64QAM	2	0	-	22.81	-	24.5
100	64QAM	2	271	-	22.72	-	
100	64QAM	1	0	-	22.67	-	
100	64QAM	1	272	-	22.80	-	
100	64QAM	270	0	-	22.56	-	24.5
100	64QAM	135	67	-	23.37	-	24.5
100	64QAM	1	1	-	23.34	-	
100	64QAM	1	271	-	23.28	-	
100	256QAM	2	0	-	20.75	-	22.5
100	256QAM	2	271	-	20.84	-	
100	256QAM	1	0	-	20.68	-	
100	256QAM	1	272	-	20.81	-	
100	256QAM	270	0	-	20.64	-	22.5
100	256QAM	135	67	-	21.20	-	22.5
100	256QAM	1	1	-	21.13	-	
100	256QAM	1	271	-	21.06	-	

Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	120	60	25.39	25.40	25.33	27.0
90	QPSK	120	60	25.25	25.52	25.39	27.0
90	16QAM	120	60	24.80	24.91	24.73	26.0
90	64QAM	120	60	23.54	22.98	23.36	24.5
90	256QAM	120	60	20.98	20.49	20.76	22.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	108	54	25.31	25.48	25.26	27.0
80	QPSK	108	54	25.28	25.51	25.44	27.0
80	16QAM	108	54	24.60	24.91	24.50	26.0
80	64QAM	108	54	23.73	23.38	23.19	24.5
80	256QAM	108	54	20.87	20.64	20.98	22.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	90	45	25.25	25.26	25.16	27.0
70	QPSK	90	45	25.28	25.38	25.32	27.0
70	16QAM	90	45	24.53	24.90	24.78	26.0
70	64QAM	90	45	23.48	23.18	23.54	24.5
70	256QAM	90	45	21.04	20.58	21.04	22.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	81	40	25.18	25.44	25.24	27.0
60	QPSK	81	40	25.38	25.46	25.51	27.0
60	16QAM	81	40	24.49	24.90	24.60	26.0
60	64QAM	81	40	23.58	23.49	23.46	24.5
60	256QAM	81	40	21.15	20.87	20.36	22.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	64	32	25.27	25.29	25.06	27.0
50	QPSK	64	32	25.37	25.52	25.39	27.0
50	16QAM	64	32	24.59	24.65	24.66	26.0
50	64QAM	64	32	23.69	23.63	23.21	24.5
50	256QAM	64	32	21.15	20.99	20.67	22.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	50	25	25.09	25.16	25.03	27.0
40	QPSK	50	25	25.44	25.39	25.52	27.0
40	16QAM	50	25	24.69	24.67	24.73	26.0
40	64QAM	50	25	23.43	23.56	23.30	24.5
40	256QAM	50	25	20.98	20.67	20.67	22.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	36	18	25.09	25.38	25.24	27.0
30	QPSK	36	18	25.11	25.44	25.52	27.0
30	16QAM	36	18	24.53	24.86	24.56	26.0
30	64QAM	36	18	23.67	23.53	23.25	24.5
30	256QAM	36	18	21.14	20.97	20.86	22.5

Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	25	12	25.15	25.14	25.01	27.0
20	QPSK	25	12	25.38	25.26	25.43	27.0
20	16QAM	25	12	24.66	24.95	24.97	26.0
20	64QAM	25	12	23.29	23.50	23.25	24.5
20	256QAM	25	12	21.22	20.51	20.96	22.5

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	650000	-	
Frequency (MHz)				-	3750	-	
100	QPSK	137	68	-	25.44	-	27.0
100	16QAM	137	68	-	24.27	-	26.0
100	64QAM	137	68	-	22.81	-	24.5
100	256QAM	137	68	-	21.08	-	22.5

Ant 4 Hotspot on 3450-3550MHz

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	633334	-	
Frequency (MHz)				-	3500.01	-	
100	PI/2 BPSK	2	0	-	19.28	-	20.0
100	PI/2 BPSK	2	271	-	19.09	-	
100	PI/2 BPSK	1	0	-	18.95	-	
100	PI/2 BPSK	1	272	-	19.13	-	
100	PI/2 BPSK	270	0	-	18.93	-	20.0
100	PI/2 BPSK	135	67	-	19.23	-	20.0
100	PI/2 BPSK	1	1	-	19.58	-	
100	PI/2 BPSK	1	271	-	18.92	-	
100	QPSK	2	0	-	19.66	-	20.0
100	QPSK	2	271	-	19.20	-	
100	QPSK	1	0	-	18.92	-	
100	QPSK	1	272	-	19.22	-	
100	QPSK	270	0	-	19.24	-	20.0
100	QPSK	135	67	-	19.90	-	20.0
100	QPSK	1	1	-	19.58	-	
100	QPSK	1	271	-	19.65	-	
100	16QAM	2	0	-	18.14	-	20.0
100	16QAM	2	271	-	18.92	-	
100	16QAM	1	0	-	18.36	-	
100	16QAM	1	272	-	19.06	-	
100	16QAM	270	0	-	19.36	-	20.0
100	16QAM	135	67	-	19.40	-	20.0
100	16QAM	1	1	-	18.67	-	
100	16QAM	1	271	-	18.69	-	
100	64QAM	2	0	-	18.88	-	20.0
100	64QAM	2	271	-	18.62	-	
100	64QAM	1	0	-	18.75	-	
100	64QAM	1	272	-	19.36	-	
100	64QAM	270	0	-	18.87	-	20.0
100	64QAM	135	67	-	19.22	-	20.0
100	64QAM	1	1	-	18.67	-	
100	64QAM	1	271	-	18.90	-	
100	256QAM	2	0	-	18.96	-	20.0
100	256QAM	2	271	-	18.81	-	
100	256QAM	1	0	-	18.45	-	
100	256QAM	1	272	-	19.20	-	
100	256QAM	270	0	-	19.16	-	20.0
100	256QAM	135	67	-	19.18	-	20.0
100	256QAM	1	1	-	18.92	-	
100	256QAM	1	271	-	18.79	-	

Channel				633000	633334	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3500.01	3504.99	
90	PI/2 BPSK	120	60	19.38	19.47	19.50	20.0
90	QPSK	120	60	19.28	19.24	19.53	20.0
90	16QAM	120	60	19.22	19.41	19.53	20.0
90	64QAM	120	60	19.32	19.74	19.61	20.0
90	256QAM	120	60	19.10	19.13	19.17	20.0
Channel				632668	633334	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3500.01	3510	
80	PI/2 BPSK	108	54	19.38	19.62	19.43	20.0
80	QPSK	108	54	19.06	19.11	19.45	20.0
80	16QAM	108	54	19.16	19.47	19.48	20.0
80	64QAM	108	54	19.44	19.40	19.44	20.0
80	256QAM	108	54	19.46	19.04	19.47	20.0
Channel				632334	633334	634334	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3500.01	3515.01	
70	PI/2 BPSK	90	45	19.49	19.53	19.32	20.0
70	QPSK	90	45	19.33	19.29	19.46	20.0
70	16QAM	90	45	19.59	19.19	19.21	20.0
70	64QAM	90	45	19.42	19.54	19.21	20.0
70	256QAM	90	45	19.43	19.27	19.49	20.0
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	PI/2 BPSK	81	40	19.39	19.58	19.57	20.0
60	QPSK	81	40	19.38	19.36	19.41	20.0
60	16QAM	81	40	18.98	19.51	19.34	20.0
60	64QAM	81	40	18.94	19.41	19.48	20.0
60	256QAM	81	40	18.88	19.53	19.76	20.0
Channel				631666	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3474.99	3500.01	3525	
50	PI/2 BPSK	64	32	19.13	19.43	19.63	20.0
50	QPSK	64	32	19.74	18.96	19.30	20.0
50	16QAM	64	32	18.96	19.63	19.61	20.0
50	64QAM	64	32	19.46	19.45	19.50	20.0
50	256QAM	64	32	19.03	19.46	19.20	20.0
Channel				631334	633334	635334	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3500.01	3530.01	
40	PI/2 BPSK	50	25	19.32	19.44	19.61	20.0
40	QPSK	50	25	19.24	19.32	18.95	20.0
40	16QAM	50	25	19.43	19.48	19.15	20.0
40	64QAM	50	25	19.12	19.35	19.54	20.0
40	256QAM	50	25	18.97	19.23	19.26	20.0
Channel				631000	633334	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3500.01	3534.99	
30	PI/2 BPSK	36	18	19.42	19.28	19.31	20.0
30	QPSK	36	18	19.42	18.93	19.47	20.0
30	16QAM	36	18	19.41	19.14	19.39	20.0
30	64QAM	36	18	19.09	19.56	19.42	20.0
30	256QAM	36	18	19.41	18.87	19.34	20.0

Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	PI/2 BPSK	25	12	19.26	19.24	19.26	20.0
20	QPSK	25	12	19.54	19.50	19.38	20.0
20	16QAM	25	12	19.20	19.61	19.30	20.0
20	64QAM	25	12	19.19	19.26	19.41	20.0
20	256QAM	25	12	19.12	19.33	19.25	20.0

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	633334	-	
Frequency (MHz)				-	3500.01	-	
100	QPSK	137	68	-	18.92	-	20.0
100	16QAM	137	68	-	18.84	-	20.0
100	64QAM	137	68	-	18.91	-	20.0
100	256QAM	137	68	-	18.23	-	20.0

Ant 4 Hotspot on 3700-3800MHz

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	650000	-	
Frequency (MHz)				-	3750	-	
100	PI/2 BPSK	2	0	-	19.80	-	20.0
100	PI/2 BPSK	2	271	-	19.43	-	
100	PI/2 BPSK	1	0	-	19.23	-	
100	PI/2 BPSK	1	272	-	19.67	-	
100	PI/2 BPSK	270	0	-	19.55	-	20.0
100	PI/2 BPSK	135	67	-	19.38	-	20.0
100	PI/2 BPSK	1	1	-	19.29	-	
100	PI/2 BPSK	1	271	-	19.52	-	
100	QPSK	2	0	-	19.43	-	20.0
100	QPSK	2	271	-	19.47	-	
100	QPSK	1	0	-	19.35	-	
100	QPSK	1	272	-	19.03	-	
100	QPSK	270	0	-	19.26	-	20.0
100	QPSK	135	67	-	19.71	-	20.0
100	QPSK	1	1	-	19.86	-	
100	QPSK	1	271	-	19.84	-	
100	16QAM	2	0	-	19.40	-	20.0
100	16QAM	2	271	-	19.39	-	
100	16QAM	1	0	-	19.21	-	
100	16QAM	1	272	-	19.66	-	
100	16QAM	270	0	-	19.39	-	20.0
100	16QAM	135	67	-	19.65	-	20.0
100	16QAM	1	1	-	19.41	-	
100	16QAM	1	271	-	19.66	-	
100	64QAM	2	0	-	19.45	-	20.0
100	64QAM	2	271	-	19.73	-	
100	64QAM	1	0	-	19.41	-	
100	64QAM	1	272	-	19.58	-	
100	64QAM	270	0	-	19.52	-	20.0
100	64QAM	135	67	-	19.53	-	20.0
100	64QAM	1	1	-	19.37	-	
100	64QAM	1	271	-	19.58	-	
100	256QAM	2	0	-	19.63	-	20.0
100	256QAM	2	271	-	19.52	-	
100	256QAM	1	0	-	19.22	-	
100	256QAM	1	272	-	19.68	-	
100	256QAM	270	0	-	19.64	-	20.0
100	256QAM	135	67	-	19.70	-	20.0
100	256QAM	1	1	-	19.33	-	
100	256QAM	1	271	-	19.50	-	

Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	120	60	19.63	19.60	19.42	20.0
90	QPSK	120	60	19.41	19.40	19.70	20.0
90	16QAM	120	60	19.52	19.47	19.69	20.0
90	64QAM	120	60	19.44	19.69	19.59	20.0
90	256QAM	120	60	19.41	19.31	19.54	20.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	108	54	19.55	19.78	19.76	20.0
80	QPSK	108	54	19.26	19.15	19.50	20.0
80	16QAM	108	54	19.36	19.63	19.59	20.0
80	64QAM	108	54	19.56	19.55	19.51	20.0
80	256QAM	108	54	19.53	19.15	19.50	20.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	90	45	19.66	19.71	19.50	20.0
70	QPSK	90	45	19.25	19.51	19.62	20.0
70	16QAM	90	45	19.52	19.37	19.39	20.0
70	64QAM	90	45	19.65	19.78	19.32	20.0
70	256QAM	90	45	19.68	19.24	19.68	20.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	81	40	19.55	19.67	19.57	20.0
60	QPSK	81	40	19.51	19.57	19.47	20.0
60	16QAM	81	40	19.24	19.52	19.41	20.0
60	64QAM	81	40	19.25	19.38	19.46	20.0
60	256QAM	81	40	18.94	19.47	19.69	20.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	64	32	19.32	19.36	19.60	20.0
50	QPSK	64	32	19.79	19.36	19.22	20.0
50	16QAM	64	32	19.26	19.62	19.05	20.0
50	64QAM	64	32	19.49	19.46	19.77	20.0
50	256QAM	64	32	19.32	19.50	19.38	20.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	50	25	19.30	19.79	19.63	20.0
40	QPSK	50	25	19.55	19.51	19.10	20.0
40	16QAM	50	25	19.56	19.38	19.43	20.0
40	64QAM	50	25	19.33	19.18	19.54	20.0
40	256QAM	50	25	19.31	19.35	19.19	20.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	36	18	19.50	19.81	19.41	20.0
30	QPSK	36	18	19.60	19.19	19.34	20.0
30	16QAM	36	18	19.59	19.21	19.43	20.0
30	64QAM	36	18	19.41	19.66	19.36	20.0
30	256QAM	36	18	19.59	19.01	19.30	20.0

Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	25	12	19.33	19.57	19.23	20.0
20	QPSK	25	12	19.59	19.60	19.68	20.0
20	16QAM	25	12	19.01	19.56	19.31	20.0
20	64QAM	25	12	19.06	19.54	19.70	20.0
20	256QAM	25	12	19.29	19.47	19.64	20.0

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				-	650000	-	
Frequency (MHz)				-	3750	-	
100	QPSK	137	68	-	19.59	-	20.0
100	16QAM	137	68	-	19.42	-	20.0
100	64QAM	137	68	-	19.36	-	20.0
100	256QAM	137	68	-	19.33	-	20.0

Note: The tested channel results are marks in bold.

17. Conducted power measurement results of DC_2A_n30A

Receiver on & Sensor off & Hotspot on

ENDC Configuration		LTE B2						N30_DFT-s-OFDM_SCS-15KHz						Tune-up For ENDC TX Power	ENDC TX Power
		Band	Band width [MHZ]	Modulation	Channel (UL)	Frequency [MHZ]	RB Size/Offset	Band	Band width [MHZ]	Modulation	Channel (UL)	Frequency [MHZ]	RB Size/Offset		
DC_B2_Ant0-N30_Ant1	Low	LTE B2	20	QPSK	18700	1860	1/0	N30	10	QPSK	462000	2310	25/12	24.01	23.14
DC_B2_Ant0-N30_Ant1	Mid	LTE B2	20	QPSK	18900	1880	1/0	N30	10	QPSK	462000	2310	1/1	24.01	23.22
DC_B2_Ant0-N30_Ant1	High	LTE B2	20	QPSK	19100	1900	1/0	N30	10	QPSK	462000	2310	1/50	24.01	23.26
DC_B2_Ant0-N30_Ant1	Low	LTE B2	20	QPSK	18700	1860	1/50	N30	10	QPSK	462000	2310	25/12	24.01	23.57
DC_B2_Ant0-N30_Ant1	Mid	LTE B2	20	QPSK	18900	1880	1/50	N30	10	QPSK	462000	2310	1/1	24.01	23.56
DC_B2_Ant0-N30_Ant1	High	LTE B2	20	QPSK	19100	1900	1/50	N30	10	QPSK	462000	2310	1/50	24.01	23.64
DC_B2_Ant0-N30_Ant1	High	LTE B2	20	QPSK	18700	1860	1/99	N30	10	QPSK	462000	2310	25/12	24.01	23.47
DC_B2_Ant0-N30_Ant1	High	LTE B2	20	QPSK	18900	1880	1/99	N30	10	QPSK	462000	2310	1/1	24.01	23.33
DC_B2_Ant0-N30_Ant1	High	LTE B2	20	QPSK	19100	1900	1/99	N30	10	QPSK	462000	2310	1/50	24.01	23.20

Note: The tested channel results are marks in bold.

18. Conducted power measurement results of DC_2A_n41A

Receiver on & Sensor off & Hotspot on

ENDC Configuration		LTE B2						N41_DFT-s-OFDM_SCS-30KHz						Tune-up For ENDC TX Power	ENDC TX Power
		Band	Band width [MHZ]	Modulation	Chan nel (UL)	Frequ ency [MHZ]	RB Size/ Offset	Band	Band width [MHZ]	Modulation	Chan nel (UL)	Frequ ency [MHZ]	RB Size/ Offset		
DC_B2_Ant0 -N41_Ant1	Low	LTE B2	20	QPSK	18700	1860	1/0	N41	100	QPSK	509202	2546.01	135/67	24.01	23.24
DC_B2_Ant0 -N41_Ant1	Mid	LTE B2	20	QPSK	18900	1880	1/0	N41	100	QPSK	518598	2592.99	1/1	24.01	23.22
DC_B2_Ant0 -N41_Ant1	High	LTE B2	20	QPSK	19100	1900	1/0	N41	100	QPSK	528000	2640	1/271	24.01	23.27
DC_B2_Ant0 -N41_Ant1	Low	LTE B2	20	QPSK	18700	1860	1/50	N41	100	QPSK	509202	2546.01	135/67	24.01	23.60
DC_B2_Ant0 -N41_Ant1	Mid	LTE B2	20	QPSK	18900	1880	1/50	N41	100	QPSK	518598	2592.99	1/1	24.01	23.67
DC_B2_Ant0 -N41_Ant1	High	LTE B2	20	QPSK	19100	1900	1/50	N41	100	QPSK	528000	2640	1/271	24.01	23.63
DC_B2_Ant0 -N41_Ant1	High	LTE B2	20	QPSK	18700	1860	1/99	N41	100	QPSK	509202	2546.01	135/67	24.01	23.31
DC_B2_Ant0 -N41_Ant1	High	LTE B2	20	QPSK	18900	1880	1/99	N41	100	QPSK	518598	2592.99	1/1	24.01	23.37
DC_B2_Ant0 -N41_Ant1	High	LTE B2	20	QPSK	19100	1900	1/99	N41	100	QPSK	528000	2640	1/271	24.01	23.41

Note: The tested channel results are marks in bold.

19. Conducted power measurement results of DC_2A_n66A

Receiver on & Sensor off & Hotspot on

ENDC Configuration		LTE B2						N66_DFT-s-OFDM_SCS-15KHz						Tune-up For ENDC TX Power	ENDC TX Power
		Band	Band width [MHZ]	Modul ation	Chan nel (UL)	Frequ ency [MHZ]	RB Size/ Offset	Band	Band width [MHZ]	Modul ation	Chan nel (UL)	Frequ ency [MHZ]	RB Size/ Offset		
DC_B2_Ant0 -N66_Ant1	Low	LTE B2	20	QPSK	18700	1860	1/0	N66	30	QPSK	345000	1725	80/40	24.01	23.51
DC_B2_Ant0 -N66_Ant1	Mid	LTE B2	20	QPSK	18900	1880	1/0	N66	30	QPSK	349000	1745	1/1	24.01	23.23
DC_B2_Ant0 -N66_Ant1	High	LTE B2	20	QPSK	19100	1900	1/0	N66	30	QPSK	353000	1765	1/158	24.01	23.39
DC_B2_Ant0 -N66_Ant1	Low	LTE B2	20	QPSK	18700	1860	1/50	N66	30	QPSK	345000	1725	80/40	24.01	23.73
DC_B2_Ant0 -N66_Ant1	Mid	LTE B2	20	QPSK	18900	1880	1/50	N66	30	QPSK	349000	1745	1/1	24.01	23.50
DC_B2_Ant0 -N66_Ant1	High	LTE B2	20	QPSK	19100	1900	1/50	N66	30	QPSK	353000	1765	1/158	24.01	23.66
DC_B2_Ant0 -N66_Ant1	High	LTE B2	20	QPSK	18700	1860	1/99	N66	30	QPSK	345000	1725	80/40	24.01	23.41
DC_B2_Ant0 -N66_Ant1	High	LTE B2	20	QPSK	18900	1880	1/99	N66	30	QPSK	349000	1745	1/1	24.01	23.34
DC_B2_Ant0 -N66_Ant1	High	LTE B2	20	QPSK	19100	1900	1/99	N66	30	QPSK	353000	1765	1/158	24.01	23.30

Note: The tested channel results are marks in bold.

20. Conducted power measurement results of DC_2A_n77A

Receiver on & Sensor off & Hotspot on

ENDC Configuration		LTE B2						N77_DFT-s-OFDM_SCS-30KHz						Tune-up For ENDC TX Power	ENDC TX Power
		Band	Band width [MHZ]	Modulation	Channel (UL)	Frequency [MHZ]	RB Size/Offset	Band	Band width [MHZ]	Modulation	Channel (UL)	Frequency [MHZ]	RB Size/Offset		
DC_B2_Ant0 -N77_Ant4	Low	LTE B2	20	QPSK	18700	1860	1/0	N77	100	QPSK	633334	3500.01	135/67	24.01	23.50
DC_B2_Ant0 -N77_Ant4	Mid	LTE B2	20	QPSK	18900	1880	1/0	N77	100	QPSK	633334	3500.01	1/1	24.01	23.34
DC_B2_Ant0 -N77_Ant4	High	LTE B2	20	QPSK	19100	1900	1/0	N77	100	QPSK	633334	3500.01	1/271	24.01	23.52
DC_B2_Ant0 -N77_Ant4	Low	LTE B2	20	QPSK	18700	1860	1/50	N77	100	QPSK	633334	3500.01	135/67	24.01	23.66
DC_B2_Ant0 -N77_Ant4	Mid	LTE B2	20	QPSK	18900	1880	1/50	N77	100	QPSK	633334	3500.01	1/1	24.01	23.65
DC_B2_Ant0 -N77_Ant4	High	LTE B2	20	QPSK	19100	1900	1/50	N77	100	QPSK	633334	3500.01	1/271	24.01	23.58
DC_B2_Ant0 -N77_Ant4	High	LTE B2	20	QPSK	18700	1860	1/99	N77	100	QPSK	633334	3500.01	135/67	24.01	23.29
DC_B2_Ant0 -N77_Ant4	High	LTE B2	20	QPSK	18900	1880	1/99	N77	100	QPSK	633334	3500.01	1/1	24.01	23.42
DC_B2_Ant0 -N77_Ant4	High	LTE B2	20	QPSK	19100	1900	1/99	N77	100	QPSK	633334	3500.01	1/271	24.01	23.44

ENDC Configuration		LTE B2						N77_DFT-s-OFDM_SCS-30KHz						Tune-up For ENDC TX Power	ENDC TX Power
		Band	Band width [MHZ]	Modulation	Channel (UL)	Frequency [MHZ]	RB Size/Offset	Band	Band width [MHZ]	Modulation	Channel (UL)	Frequency [MHZ]	RB Size/Offset		
DC_B2_Ant0 -N77_Ant4	Low	LTE B2	20	QPSK	18700	1860	1/0	N77	100	QPSK	650000	3750	135/67	24.01	23.35
DC_B2_Ant0 -N77_Ant4	Mid	LTE B2	20	QPSK	18900	1880	1/0	N77	100	QPSK	656000	3840	1/1	24.01	23.24
DC_B2_Ant0 -N77_Ant4	High	LTE B2	20	QPSK	19100	1900	1/0	N77	100	QPSK	662000	3930	1/271	24.01	23.40
DC_B2_Ant0 -N77_Ant4	Low	LTE B2	20	QPSK	18700	1860	1/50	N77	100	QPSK	650000	3750	135/67	24.01	23.65
DC_B2_Ant0 -N77_Ant4	Mid	LTE B2	20	QPSK	18900	1880	1/50	N77	100	QPSK	656000	3840	1/1	24.01	23.53
DC_B2_Ant0 -N77_Ant4	High	LTE B2	20	QPSK	19100	1900	1/50	N77	100	QPSK	662000	3930	1/271	24.01	23.67
DC_B2_Ant0 -N77_Ant4	High	LTE B2	20	QPSK	18700	1860	1/99	N77	100	QPSK	650000	3750	135/67	24.01	23.37
DC_B2_Ant0 -N77_Ant4	High	LTE B2	20	QPSK	18900	1880	1/99	N77	100	QPSK	656000	3840	1/1	24.01	23.30
DC_B2_Ant0 -N77_Ant4	High	LTE B2	20	QPSK	19100	1900	1/99	N77	100	QPSK	662000	3930	1/271	24.01	23.33

Note: The tested channel results are marks in bold.

21. Conducted power measurement results of DC_30A_n2A

Receiver on & Sensor off & Hotspot on

ENDC Configuration		LTE B30						N2_DFT-s-OFDM_SCS-15KHz						Tune-up For ENDC TX Power	ENDC TX Power
		Band	Band width [MHZ]	Modulation	Channel (UL)	Frequency [MHZ]	RB Size/Offset	Band	Band width [MHZ]	Modulation	Channel (UL)	Frequency [MHZ]	RB Size/Offset		
DC_B30_Ant0-N2_Ant1	Low	LTE B30	10	QPSK	27710	2310	1/0	N2	20	QPSK	372000	1860	50/25	24.01	23.38
DC_B30_Ant0-N2_Ant1	Mid	LTE B30	10	QPSK	27710	2310	1/0	N2	20	QPSK	376000	1880	1/1	24.01	23.41
DC_B30_Ant0-N2_Ant1	High	LTE B30	10	QPSK	27710	2310	1/0	N2	20	QPSK	380000	1900	1/104	24.01	23.36
DC_B30_Ant0-N2_Ant1	Low	LTE B30	10	QPSK	27710	2310	1/24	N2	20	QPSK	372000	1860	50/25	24.01	23.35
DC_B30_Ant0-N2_Ant1	Mid	LTE B30	10	QPSK	27710	2310	1/24	N2	20	QPSK	376000	1880	1/1	24.01	23.37
DC_B30_Ant0-N2_Ant1	High	LTE B30	10	QPSK	27710	2310	1/24	N2	20	QPSK	380000	1900	1/104	24.01	23.40
DC_B30_Ant0-N2_Ant1	High	LTE B30	10	QPSK	27710	2310	1/49	N2	20	QPSK	372000	1860	50/25	24.01	23.67
DC_B30_Ant0-N2_Ant1	High	LTE B30	10	QPSK	27710	2310	1/49	N2	20	QPSK	376000	1880	1/1	24.01	23.52
DC_B30_Ant0-N2_Ant1	High	LTE B30	10	QPSK	27710	2310	1/49	N2	20	QPSK	380000	1900	1/104	24.01	23.55

Note: The tested channel results are marks in bold.

22. Conducted power measurement results of DC_30A_66A

Receiver on & Sensor off & Hotspot on

ENDC Configuration		LTE B30						N66_DFT-s-OFDM_SCS-15KHz						Tune-up For ENDC TX Power	ENDC TX Power
		Band	Band width [MHZ]	Modulation	Channel (UL)	Frequency [MHZ]	RB Size/Offset	Band	Band width [MHZ]	Modulation	Channel (UL)	Frequency [MHZ]	RB Size/Offset		
DC_B30_Ant0 -N66_Ant1	Low	LTE B30	10	QPSK	27710	2310	1/0	N66	30	QPSK	345000	1725	80/40	24.01	23.52
DC_B30_Ant0 -N66_Ant1	Mid	LTE B30	10	QPSK	27710	2310	1/0	N66	30	QPSK	349000	1745	1/1	24.01	23.38
DC_B30_Ant0 -N66_Ant1	High	LTE B30	10	QPSK	27710	2310	1/0	N66	30	QPSK	353000	1765	1/158	24.01	23.67
DC_B30_Ant0 -N66_Ant1	Low	LTE B30	10	QPSK	27710	2310	1/24	N66	30	QPSK	345000	1725	80/40	24.01	23.28
DC_B30_Ant0 -N66_Ant1	Mid	LTE B30	10	QPSK	27710	2310	1/24	N66	30	QPSK	349000	1745	1/1	24.01	23.48
DC_B30_Ant0 -N66_Ant1	High	LTE B30	10	QPSK	27710	2310	1/24	N66	30	QPSK	353000	1765	1/158	24.01	23.39
DC_B30_Ant0 -N66_Ant1	High	LTE B30	10	QPSK	27710	2310	1/49	N66	30	QPSK	345000	1725	80/40	24.01	23.62
DC_B30_Ant0 -N66_Ant1	High	LTE B30	10	QPSK	27710	2310	1/49	N66	30	QPSK	349000	1745	1/1	24.01	23.56
DC_B30_Ant0 -N66_Ant1	High	LTE B30	10	QPSK	27710	2310	1/49	N66	30	QPSK	353000	1765	1/158	24.01	23.51

Note: The tested channel results are marks in bold.

23. Conducted power measurement results of LTE DC_66A_n2A

Receiver on & Sensor off & Hotspot on

ENDC Configuration		LTE B66						N2_DFT-s-OFDM_SCS-15KHz						Tune-up For ENDC TX Power	ENDC TX Power
		Band	Band width [MHZ]	Modul ation	Chan nel (UL)	Frequ ency [MHZ]	RB Size/ Offset	Band	Band width [MHZ]	Modul ation	Chan nel (UL)	Frequ ency [MHZ]	RB Size/ Offset		
DC_B66_Ant0 -N2_Ant1	Low	LTE B66	20	QPSK	132072	1720	1/0	N2	20	QPSK	372000	1860	50/25	24.01	23.75
DC_B66_Ant0 -N2_Ant1	Mid	LTE B66	20	QPSK	132322	1745	1/0	N2	20	QPSK	376000	1880	1/1	24.01	23.58
DC_B66_Ant0 -N2_Ant1	High	LTE B66	20	QPSK	132572	1770	1/0	N2	20	QPSK	380000	1900	1/104	24.01	23.66
DC_B66_Ant0 -N2_Ant1	Low	LTE B66	20	QPSK	132072	1720	1/50	N2	20	QPSK	372000	1860	50/25	24.01	23.57
DC_B66_Ant0 -N2_Ant1	Mid	LTE B66	20	QPSK	132322	1745	1/50	N2	20	QPSK	376000	1880	1/1	24.01	23.24
DC_B66_Ant0 -N2_Ant1	High	LTE B66	20	QPSK	132572	1770	1/50	N2	20	QPSK	380000	1900	1/104	24.01	23.29
DC_B66_Ant0 -N2_Ant1	High	LTE B66	20	QPSK	132072	1720	1/99	N2	20	QPSK	372000	1860	50/25	24.01	23.45
DC_B66_Ant0 -N2_Ant1	High	LTE B66	20	QPSK	132322	1745	1/99	N2	20	QPSK	376000	1880	1/1	24.01	23.30
DC_B66_Ant0 -N2_Ant1	High	LTE B66	20	QPSK	132572	1770	1/99	N2	20	QPSK	380000	1900	1/104	24.01	23.46

Note: The tested channel results are marks in bold.

24. Conducted power measurement results of DC_66A_n30A

Receiver on & Sensor off & Hotspot on

ENDC Configuration		LTE B66						N30_DFT-s-OFDM_SCS-15KHz						Tune-up For ENDC TX Power	ENDC TX Power
		Band	Band width [MHZ]	Modul ation	Chan nel (UL)	Frequ ency [MHZ]	RB Size/ Offset	Band	Band width [MHZ]	Modul ation	Chan nel (UL)	Frequ ency [MHZ]	RB Size/ Offset		
DC_B66_Ant0 -N30_Ant1	Low	LTE B66	20	QPSK	132072	1720	1/0	N30	10	QPSK	462000	2310	25/12	24.01	23.67
DC_B66_Ant0 -N30_Ant1	Mid	LTE B66	20	QPSK	132322	1745	1/0	N30	10	QPSK	462000	2310	1/1	24.01	23.51
DC_B66_Ant0 -N30_Ant1	High	LTE B66	20	QPSK	132572	1770	1/0	N30	10	QPSK	462000	2310	1/50	24.01	23.58
DC_B66_Ant0 -N30_Ant1	Low	LTE B66	20	QPSK	132072	1720	1/50	N30	10	QPSK	462000	2310	25/12	24.01	23.52
DC_B66_Ant0 -N30_Ant1	Mid	LTE B66	20	QPSK	132322	1745	1/50	N30	10	QPSK	462000	2310	1/1	24.01	23.40
DC_B66_Ant0 -N30_Ant1	High	LTE B66	20	QPSK	132572	1770	1/50	N30	10	QPSK	462000	2310	1/50	24.01	23.50
DC_B66_Ant0 -N30_Ant1	High	LTE B66	20	QPSK	132072	1720	1/99	N30	10	QPSK	462000	2310	25/12	24.01	23.32
DC_B66_Ant0 -N30_Ant1	High	LTE B66	20	QPSK	132322	1745	1/99	N30	10	QPSK	462000	2310	1/1	24.01	23.33
DC_B66_Ant0 -N30_Ant1	High	LTE B66	20	QPSK	132572	1770	1/99	N30	10	QPSK	462000	2310	1/50	24.01	23.51

Note: The tested channel results are marks in bold.

25. Conducted power measurement results of DC_66A_n77A

Receiver on & Sensor off & Hotspot on

ENDC Configuration		LTE B66						N77_DFT-s-OFDM_SCS-30KHz						Tune-up For ENDC TX Power	ENDC TX Power
		Band	Band width [MHz]	Modulation	Channel (UL)	Frequency [MHz]	RB Size/Offset	Band	Band width [MHz]	Modulation	Channel (UL)	Frequency [MHz]	RB Size/Offset		
DC_B66_Ant0 -N77_Ant1	Low	LTE B66	20	QPSK	132072	1720	1/0	N77	100	QPSK	633334	3500.01	135/67	24.01	23.58
DC_B66_Ant0 -N77_Ant1	Mid	LTE B66	20	QPSK	132322	1745	1/0	N77	100	QPSK	633334	3500.01	1/1	24.01	23.50
DC_B66_Ant0 -N77_Ant1	High	LTE B66	20	QPSK	132572	1770	1/0	N77	100	QPSK	633334	3500.01	1/271	24.01	23.47
DC_B66_Ant0 -N77_Ant1	Low	LTE B66	20	QPSK	132072	1720	1/50	N77	100	QPSK	633334	3500.01	135/67	24.01	23.42
DC_B66_Ant0 -N77_Ant1	Mid	LTE B66	20	QPSK	132322	1745	1/50	N77	100	QPSK	633334	3500.01	1/1	24.01	23.30
DC_B66_Ant0 -N77_Ant1	High	LTE B66	20	QPSK	132572	1770	1/50	N77	100	QPSK	633334	3500.01	1/271	24.01	23.38
DC_B66_Ant0 -N77_Ant1	High	LTE B66	20	QPSK	132072	1720	1/99	N77	100	QPSK	633334	3500.01	135/67	24.01	23.26
DC_B66_Ant0 -N77_Ant1	High	LTE B66	20	QPSK	132322	1745	1/99	N77	100	QPSK	633334	3500.01	1/1	24.01	23.38
DC_B66_Ant0 -N77_Ant1	High	LTE B66	20	QPSK	132572	1770	1/99	N77	100	QPSK	633334	3500.01	1/271	24.01	23.43

ENDC Configuration		LTE B66						N77_DFT-s-OFDM_SCS-30KHz						Tune-up For ENDC TX Power	ENDC TX Power
		Band	Band width [MHz]	Modulation	Channel (UL)	Frequency [MHz]	RB Size/Offset	Band	Band width [MHz]	Modulation	Channel (UL)	Frequency [MHz]	RB Size/Offset		
DC_B66_Ant0 -N77_Ant1	Low	LTE B66	20	QPSK	132072	1720	1/0	N77	100	QPSK	650000	3750	135/67	24.01	23.64
DC_B66_Ant0 -N77_Ant1	Mid	LTE B66	20	QPSK	132322	1745	1/0	N77	100	QPSK	656000	3840	1/1	24.01	23.62
DC_B66_Ant0 -N77_Ant1	High	LTE B66	20	QPSK	132572	1770	1/0	N77	100	QPSK	662000	3930	1/271	24.01	23.48
DC_B66_Ant0 -N77_Ant1	Low	LTE B66	20	QPSK	132072	1720	1/50	N77	100	QPSK	650000	3750	135/67	24.01	23.48
DC_B66_Ant0 -N77_Ant1	Mid	LTE B66	20	QPSK	132322	1745	1/50	N77	100	QPSK	656000	3840	1/1	24.01	23.37
DC_B66_Ant0 -N77_Ant1	High	LTE B66	20	QPSK	132572	1770	1/50	N77	100	QPSK	662000	3930	1/271	24.01	23.34
DC_B66_Ant0 -N77_Ant1	High	LTE B66	20	QPSK	132072	1720	1/99	N77	100	QPSK	650000	3750	135/67	24.01	23.37
DC_B66_Ant0 -N77_Ant1	High	LTE B66	20	QPSK	132322	1745	1/99	N77	100	QPSK	656000	3840	1/1	24.01	23.36
DC_B66_Ant0 -N77_Ant1	High	LTE B66	20	QPSK	132572	1770	1/99	N77	100	QPSK	662000	3930	1/271	24.01	23.45

Note: The tested channel results are marks in bold.