

Appendix E. Conducted Power Measurement Result

The power will measure the maximum of the modulation. Since CP-OFDM power is lower than DFT-S-OFDM power, it's only measure the DFT-S-OFDM.

1. Conducted power measurement results of 5G NR n5

Antenna 0_Receiver on&off

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	50	25	22.70	22.69	22.73	23.0
20	16QAM	50	25	22.09	22.10	22.14	22.5
20	64QAM	50	25	19.56	19.67	19.78	21.0
20	256QAM	50	25	17.38	17.54	17.64	18.0

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	23.07	23.12	23.31	24.0
20	PI/2 BPSK	2	104	23.16	23.29	23.30	
20	PI/2 BPSK	1	0	23.09	23.10	23.20	
20	PI/2 BPSK	1	105	23.29	23.30	23.29	
20	PI/2 BPSK	100	0	23.14	23.22	23.17	24.0
20	PI/2 BPSK	50	25	23.03	23.02	23.04	24.5
20	PI/2 BPSK	1	1	22.86	22.81	22.85	
20	PI/2 BPSK	1	104	22.85	22.82	22.84	



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	2	0	23.42	23.38	23.36	23.5
20	QPSK	2	104	23.40	23.35	23.41	
20	QPSK	1	0	23.35	23.36	23.35	
20	QPSK	1	105	23.32	23.32	23.34	
20	QPSK	100	0	23.22	23.15	23.03	23.5
20	QPSK	50	25	23.52	23.49	23.51	24.5
20	QPSK	1	1	23.34	23.31	23.33	
20	QPSK	1	104	23.31	23.27	23.36	
20	16QAM	2	0	22.03	22.29	22.29	22.5
20	16QAM	2	104	22.19	22.19	22.30	
20	16QAM	1	0	21.87	22.10	22.19	
20	16QAM	1	105	22.09	22.30	22.22	
20	16QAM	100	0	22.13	22.07	22.29	22.5
20	16QAM	50	25	23.10	23.09	23.27	23.5
20	16QAM	1	1	23.18	23.29	23.19	
20	16QAM	1	104	23.10	22.87	23.10	
20	64QAM	2	0	22.00	21.56	21.66	22.0
20	64QAM	2	104	21.10	21.47	21.69	
20	64QAM	1	0	21.40	21.46	21.47	
20	64QAM	1	105	21.56	21.47	21.36	
20	64QAM	100	0	21.55	21.60	21.47	22.0
20	64QAM	50	25	21.66	21.84	21.90	22.0
20	64QAM	1	1	21.76	21.60	21.87	
20	64QAM	1	104	21.56	21.80	21.70	
20	256QAM	2	0	19.46	19.63	19.63	20.0
20	256QAM	2	104	19.63	19.83	19.77	
20	256QAM	1	0	19.56	19.87	19.56	
20	256QAM	1	105	19.44	19.60	19.47	
20	256QAM	100	0	19.50	19.46	19.63	20.0
20	256QAM	50	25	19.56	19.47	19.80	20.0
20	256QAM	1	1	19.46	19.67	19.67	
20	256QAM	1	104	19.75	19.77	19.77	



Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	36	18	22.87	23.10	23.10	24.5
15	QPSK	36	18	22.73	23.11	23.09	24.5
15	16QAM	36	18	22.89	22.87	23.13	23.5
15	64QAM	36	18	22.87	21.69	23.22	22.0
15	256QAM	36	18	22.98	19.78	23.19	20.0
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	25	12	23.10	22.96	23.10	24.5
10	QPSK	25	12	23.09	23.10	23.10	24.5
10	16QAM	25	12	22.84	22.74	22.98	23.5
10	64QAM	25	12	21.67	21.54	21.70	22.0
10	256QAM	25	12	19.47	19.87	19.67	20.0
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	12	6	22.98	23.10	23.22	24.5
5	QPSK	12	6	22.69	23.19	23.10	24.5
5	16QAM	12	6	22.79	22.98	23.00	23.5
5	64QAM	12	6	21.65	21.56	21.88	22.0
5	256QAM	12	6	19.45	19.30	19.67	20.0

Antenna 1_Receiver on&off

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	50	25	23.14	23.17	23.19	23.5
20	16QAM	50	25	20.67	20.62	20.56	23.0
20	64QAM	50	25	21.20	21.13	21.11	21.5
20	256QAM	50	25	18.05	18.09	18.05	18.5

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	23.08	23.05	23.04	24.5
20	PI/2 BPSK	2	104	22.95	23.01	22.96	
20	PI/2 BPSK	1	0	23.09	23.03	23.10	
20	PI/2 BPSK	1	105	22.99	22.96	22.96	
20	PI/2 BPSK	100	0	23.32	23.26	23.30	24.5
20	PI/2 BPSK	50	25	23.34	23.36	23.28	25.0
20	PI/2 BPSK	1	1	23.14	23.19	23.09	
20	PI/2 BPSK	1	104	23.12	23.18	23.26	
20	QPSK	2	0	23.78	23.77	23.72	24.0
20	QPSK	2	104	23.75	23.74	23.81	
20	QPSK	1	0	23.72	23.73	23.72	
20	QPSK	1	105	23.71	23.70	23.73	
20	QPSK	100	0	23.59	23.54	23.87	24.0
20	QPSK	50	25	23.82	23.88	23.57	25.0
20	QPSK	1	1	23.63	23.66	23.56	
20	QPSK	1	104	23.62	23.60	23.75	

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	16QAM	2	0	22.97	23.02	23.07	23.0
20	16QAM	2	104	22.94	22.95	22.98	
20	16QAM	1	0	22.75	22.75	22.79	
20	16QAM	1	105	22.69	22.67	22.62	
20	16QAM	100	0	22.74	22.76	22.68	23.0
20	16QAM	50	25	23.69	23.68	23.66	24.0
20	16QAM	1	1	23.19	23.26	23.24	
20	16QAM	1	104	23.09	23.16	23.14	
20	64QAM	2	0	22.21	22.27	22.34	22.5
20	64QAM	2	104	22.29	22.22	22.23	
20	64QAM	1	0	22.38	22.30	22.25	
20	64QAM	1	105	22.15	22.19	22.24	
20	64QAM	100	0	22.28	22.27	22.33	22.5
20	64QAM	50	25	22.25	22.19	22.25	22.5
20	64QAM	1	1	22.29	22.28	22.34	
20	64QAM	1	104	22.17	22.18	22.10	
20	256QAM	2	0	20.42	20.45	20.45	20.5
20	256QAM	2	104	20.41	20.39	20.39	
20	256QAM	1	0	20.45	20.38	20.36	
20	256QAM	1	105	20.28	20.34	20.31	
20	256QAM	100	0	20.19	20.23	20.24	20.5
20	256QAM	50	25	20.16	20.18	20.14	20.5
20	256QAM	1	1	20.39	20.37	20.36	
20	256QAM	1	104	20.30	20.33	20.31	
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	36	18	23.76	23.69	23.63	25.0
15	QPSK	36	18	23.72	23.64	23.67	25.0
15	16QAM	36	18	23.62	23.59	23.52	24.0
15	64QAM	36	18	22.20	22.21	22.13	22.5
15	256QAM	36	18	20.19	20.22	20.20	20.5

Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	25	12	23.65	23.65	23.63	25.0
10	QPSK	25	12	23.57	23.63	23.61	25.0
10	16QAM	25	12	23.67	23.61	23.56	24.0
10	64QAM	25	12	22.18	22.15	22.18	22.5
10	256QAM	25	12	20.21	20.17	20.23	20.5
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	12	6	23.56	23.60	23.68	25.0
5	QPSK	12	6	23.57	23.58	23.65	25.0
5	16QAM	12	6	23.52	23.54	23.46	24.0
5	64QAM	12	6	21.97	22.05	21.98	22.5
5	256QAM	12	6	20.05	20.07	20.01	20.5

Note:

1) The tested channel results are marks in bold.

2. Conducted power measurement results of 5G NR n7

Antenna 3 Receiver on

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	50	25	22.12	22.07	22.02	22.2
20	16QAM	50	25	21.05	21.03	21.00	21.7
20	64QAM	50	25	19.94	19.99	19.96	20.2
20	256QAM	50	25	17.13	17.18	17.22	17.2

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	22.51	22.50	22.52	23.2
20	PI/2 BPSK	2	104	22.48	22.44	22.47	
20	PI/2 BPSK	1	0	22.45	22.48	22.44	
20	PI/2 BPSK	1	105	22.42	22.41	22.39	23.2
20	PI/2 BPSK	100	0	22.67	22.62	22.59	
20	PI/2 BPSK	50	25	22.07	22.05	22.01	23.7
20	PI/2 BPSK	1	1	21.89	21.87	21.85	
20	PI/2 BPSK	1	104	21.85	21.88	21.88	22.7
20	QPSK	2	0	22.22	22.67	22.66	
20	QPSK	2	104	22.67	22.68	22.65	
20	QPSK	1	0	22.65	22.61	22.60	
20	QPSK	1	105	22.65	22.63	22.58	22.7
20	QPSK	100	0	22.28	22.32	22.27	
20	QPSK	50	25	22.76	22.74	22.72	23.7
20	QPSK	1	1	22.61	22.57	22.54	
20	QPSK	1	104	22.57	22.58	22.53	

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	16QAM	2	0	20.89	20.94	20.97	21.7
20	16QAM	2	104	20.88	20.89	20.91	
20	16QAM	1	0	20.61	20.65	20.66	
20	16QAM	1	105	20.58	20.62	20.61	
20	16QAM	100	0	21.12	21.07	21.03	21.7
20	16QAM	50	25	21.07	21.08	21.08	22.7
20	16QAM	1	1	20.69	20.70	20.66	
20	16QAM	1	104	20.57	20.61	20.65	
20	64QAM	2	0	21.15	21.15	21.13	21.2
20	64QAM	2	104	21.06	21.08	21.09	
20	64QAM	1	0	20.67	20.71	20.71	
20	64QAM	1	105	20.63	20.66	20.66	
20	64QAM	100	0	21.07	21.05	21.04	21.2
20	64QAM	50	25	21.06	21.10	21.09	21.2
20	64QAM	1	1	20.76	20.74	20.74	
20	64QAM	1	104	20.71	20.68	20.67	
20	256QAM	2	0	18.51	18.56	18.55	19.2
20	256QAM	2	104	18.48	18.50	18.48	
20	256QAM	1	0	18.91	18.95	18.90	
20	256QAM	1	105	18.89	18.88	18.93	
20	256QAM	100	0	18.77	18.72	18.71	19.2
20	256QAM	50	25	18.78	18.75	18.70	19.2
20	256QAM	1	1	18.93	18.92	18.96	
20	256QAM	1	104	18.89	18.90	18.95	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	22.57	22.57	22.55	23.7
15	QPSK	36	18	22.56	22.58	22.56	23.7
15	16QAM	36	18	22.03	22.04	22.05	22.7
15	64QAM	36	18	21.00	21.01	21.01	21.2
15	256QAM	36	18	19.09	19.04	19.09	19.2

Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	22.56	22.55	22.59	23.7
10	QPSK	25	12	22.64	22.59	22.54	23.7
10	16QAM	25	12	22.12	22.08	22.09	22.7
10	64QAM	25	12	20.98	21.02	21.04	21.2
10	256QAM	25	12	19.12	19.07	19.05	19.2
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	22.54	22.58	22.63	23.7
5	QPSK	12	6	22.61	22.61	22.59	23.7
5	16QAM	12	6	22.06	22.07	22.09	22.7
5	64QAM	12	6	21.06	21.03	21.04	21.2
5	256QAM	12	6	19.06	19.09	19.08	19.2

Antenna 3 Receiver off

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	50	25	19.51	19.47	19.46	19.7
20	16QAM	50	25	19.37	19.38	19.42	19.7
20	64QAM	50	25	19.41	19.41	19.42	19.7
20	256QAM	50	25	19.50	19.45	19.46	19.7

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	19.39	19.44	19.43	19.7
20	PI/2 BPSK	2	104	19.39	19.39	19.40	
20	PI/2 BPSK	1	0	19.44	19.42	19.41	
20	PI/2 BPSK	1	105	19.36	19.36	19.41	
20	PI/2 BPSK	100	0	19.53	19.56	19.55	19.7
20	PI/2 BPSK	50	25	19.63	19.58	19.58	19.7
20	PI/2 BPSK	1	1	19.39	19.40	19.36	
20	PI/2 BPSK	1	104	19.37	19.36	19.33	
20	QPSK	2	0	19.62	19.64	19.61	19.7
20	QPSK	2	104	19.61	19.62	19.59	
20	QPSK	1	0	19.62	19.59	19.55	
20	QPSK	1	105	19.56	19.58	19.56	
20	QPSK	100	0	19.21	19.21	19.20	19.7
20	QPSK	50	25	19.68	19.66	19.63	19.7
20	QPSK	1	1	19.56	19.52	19.48	
20	QPSK	1	104	19.51	19.51	19.49	

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	16QAM	2	0	19.40	19.38	19.41	19.7
20	16QAM	2	104	19.36	19.36	19.31	
20	16QAM	1	0	19.17	19.15	19.20	
20	16QAM	1	105	19.04	19.08	19.08	
20	16QAM	100	0	19.52	19.52	19.47	19.7
20	16QAM	50	25	19.59	19.54	19.54	19.7
20	16QAM	1	1	19.22	19.17	19.16	
20	16QAM	1	104	19.04	19.08	19.06	
20	64QAM	2	0	19.55	19.59	19.61	19.7
20	64QAM	2	104	19.53	19.55	19.53	
20	64QAM	1	0	19.20	19.17	19.13	
20	64QAM	1	105	19.15	19.11	19.10	
20	64QAM	100	0	19.46	19.50	19.49	19.7
20	64QAM	50	25	19.49	19.51	19.56	19.7
20	64QAM	1	1	19.20	19.18	19.23	
20	64QAM	1	104	19.11	19.14	19.17	
20	256QAM	2	0	19.34	19.37	19.42	19.7
20	256QAM	2	104	19.40	19.36	19.33	
20	256QAM	1	0	19.31	19.26	19.24	
20	256QAM	1	105	19.24	19.25	19.21	
20	256QAM	100	0	19.03	19.03	19.05	19.7
20	256QAM	50	25	19.54	19.57	19.59	19.7
20	256QAM	1	1	19.37	19.32	19.27	
20	256QAM	1	104	19.25	19.28	19.25	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	19.04	19.04	19.06	19.7
15	QPSK	36	18	19.09	19.06	19.06	19.7
15	16QAM	36	18	19.12	19.11	19.09	19.7
15	64QAM	36	18	18.92	18.97	18.92	19.7
15	256QAM	36	18	19.08	19.12	19.08	19.7

Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	19.02	19.01	18.97	19.7
10	QPSK	25	12	18.99	19.04	19.06	19.7
10	16QAM	25	12	19.07	19.05	19.07	19.7
10	64QAM	25	12	18.95	18.99	18.95	19.7
10	256QAM	25	12	19.11	19.08	19.10	19.7
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	19.02	19.03	18.99	19.7
5	QPSK	12	6	19.08	19.12	19.13	19.7
5	16QAM	12	6	19.13	19.14	19.09	19.7
5	64QAM	12	6	18.91	18.95	18.98	19.7
5	256QAM	12	6	19.13	19.11	19.08	19.7

Antenna 3_Hotspot

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	50	25	17.69	17.66	17.67	18.2
20	16QAM	50	25	17.61	17.63	17.67	18.2
20	64QAM	50	25	17.68	17.65	17.70	18.2
20	256QAM	50	25	17.72	17.68	17.71	18.2

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	18.09	18.05	18.00	18.2
20	PI/2 BPSK	2	104	18.01	17.98	17.97	
20	PI/2 BPSK	1	0	17.96	18.01	18.01	
20	PI/2 BPSK	1	105	17.97	17.96	18.01	18.2
20	PI/2 BPSK	100	0	18.12	18.15	18.11	
20	PI/2 BPSK	50	25	17.71	17.71	17.71	
20	PI/2 BPSK	1	1	17.56	17.56	17.51	18.2
20	PI/2 BPSK	1	104	17.52	17.50	17.46	
20	QPSK	2	0	17.79	17.74	17.72	
20	QPSK	2	104	17.73	17.76	17.76	18.2
20	QPSK	1	0	17.75	17.73	17.71	
20	QPSK	1	105	17.72	17.71	17.72	
20	QPSK	100	0	17.83	17.85	17.84	18.2
20	QPSK	50	25	17.81	17.80	17.76	18.2
20	QPSK	1	1	17.72	18.18	18.13	
20	QPSK	1	104	18.16	18.17	18.14	

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	16QAM	2	0	17.84	17.85	17.89	18.2
20	16QAM	2	104	17.81	17.82	17.80	
20	16QAM	1	0	17.76	17.78	17.76	
20	16QAM	1	105	17.70	17.75	17.78	
20	16QAM	100	0	18.08	18.13	18.18	18.2
20	16QAM	50	25	18.19	18.16	18.12	18.2
20	16QAM	1	1	17.77	17.78	17.76	
20	16QAM	1	104	17.77	17.72	17.67	
20	64QAM	2	0	17.73	17.72	17.75	18.2
20	64QAM	2	104	17.66	17.70	17.74	
20	64QAM	1	0	17.28	17.27	17.27	
20	64QAM	1	105	17.29	17.26	17.23	
20	64QAM	100	0	17.57	17.60	17.62	18.2
20	64QAM	50	25	17.71	17.75	17.70	18.2
20	64QAM	1	1	17.33	17.32	17.35	
20	64QAM	1	104	17.30	17.29	17.25	
20	256QAM	2	0	17.55	17.55	17.60	18.2
20	256QAM	2	104	17.43	17.45	17.50	
20	256QAM	1	0	17.87	17.92	17.90	
20	256QAM	1	105	17.89	17.85	17.81	
20	256QAM	100	0	17.61	17.65	17.70	18.2
20	256QAM	50	25	17.75	17.78	17.75	18.2
20	256QAM	1	1	17.90	17.93	17.90	
20	256QAM	1	104	17.88	17.91	17.96	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	17.62	17.66	17.64	18.2
15	QPSK	36	18	17.72	17.68	17.67	18.2
15	16QAM	36	18	17.59	17.64	17.64	18.2
15	64QAM	36	18	17.52	17.57	17.54	18.2
15	256QAM	36	18	17.68	17.71	17.75	18.2

Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	17.60	17.65	17.62	18.2
10	QPSK	25	12	17.66	17.66	17.61	18.2
10	16QAM	25	12	17.61	17.65	17.69	18.2
10	64QAM	25	12	17.54	17.56	17.53	18.2
10	256QAM	25	12	17.68	17.70	17.71	18.2
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	17.68	17.69	17.73	18.2
5	QPSK	12	6	17.69	17.71	17.71	18.2
5	16QAM	12	6	17.68	17.68	17.66	18.2
5	64QAM	12	6	17.63	17.59	17.62	18.2
5	256QAM	12	6	17.70	17.75	17.74	18.2

Antenna 4_Receiver on

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	50	25	16.31	16.36	16.29	17.2
20	16QAM	50	25	16.24	16.31	16.34	17.2
20	64QAM	50	25	16.37	16.34	16.29	17.2
20	256QAM	50	25	16.40	16.38	16.44	17.2

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	16.33	16.40	16.42	17.2
20	PI/2 BPSK	2	104	16.28	16.33	16.28	
20	PI/2 BPSK	1	0	16.28	16.32	16.29	
20	PI/2 BPSK	1	105	16.30	16.31	16.37	17.2
20	PI/2 BPSK	100	0	16.45	16.44	16.43	
20	PI/2 BPSK	50	25	16.38	16.45	16.41	
20	PI/2 BPSK	1	1	16.34	16.37	16.40	17.2
20	PI/2 BPSK	1	104	16.39	16.33	16.26	
20	QPSK	2	0	16.99	16.79	16.81	
20	QPSK	2	104	16.86	16.76	16.85	
20	QPSK	1	0	16.92	16.73	16.75	
20	QPSK	1	105	16.81	16.74	16.78	17.2
20	QPSK	100	0	17.01	16.88	16.91	
20	QPSK	50	25	17.12	17.11	17.16	
20	QPSK	1	1	16.70	17.09	17.05	17.2
20	QPSK	1	104	17.04	17.07	17.07	

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	16QAM	2	0	16.32	16.34	16.31	17.2
20	16QAM	2	104	16.29	16.30	16.35	
20	16QAM	1	0	16.65	16.61	16.60	
20	16QAM	1	105	16.60	16.56	16.52	
20	16QAM	100	0	16.37	16.41	16.34	17.2
20	16QAM	50	25	16.49	16.42	16.46	17.2
20	16QAM	1	1	16.55	16.61	16.55	
20	16QAM	1	104	16.51	16.57	16.59	
20	64QAM	2	0	16.59	16.52	16.50	17.2
20	64QAM	2	104	16.49	16.49	16.50	
20	64QAM	1	0	16.60	16.64	16.67	
20	64QAM	1	105	16.56	16.61	16.61	
20	64QAM	100	0	16.35	16.38	16.44	17.2
20	64QAM	50	25	16.45	16.43	16.37	17.2
20	64QAM	1	1	16.70	16.65	16.64	
20	64QAM	1	104	16.67	16.61	16.66	
20	256QAM	2	0	16.38	16.32	16.33	17.2
20	256QAM	2	104	16.24	16.31	16.37	
20	256QAM	1	0	16.31	16.37	16.31	
20	256QAM	1	105	16.63	16.68	16.67	
20	256QAM	100	0	16.45	16.47	16.50	17.2
20	256QAM	50	25	16.52	16.46	16.46	17.2
20	256QAM	1	1	16.72	16.74	16.70	
20	256QAM	1	104	16.68	16.69	16.76	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	16.45	16.47	16.54	17.2
15	QPSK	36	18	16.46	16.52	16.53	17.2
15	16QAM	36	18	16.48	16.42	16.39	17.2
15	64QAM	36	18	16.52	16.45	16.52	17.2
15	256QAM	36	18	16.53	16.49	16.55	17.2

Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	16.48	16.47	16.52	17.2
10	QPSK	25	12	16.50	16.49	16.46	17.2
10	16QAM	25	12	16.49	16.47	16.42	17.2
10	64QAM	25	12	16.46	16.41	16.36	17.2
10	256QAM	25	12	16.45	16.48	16.44	17.2
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	16.54	16.47	16.40	17.2
5	QPSK	12	6	16.56	16.52	16.51	17.2
5	16QAM	12	6	16.47	16.46	16.48	17.2
5	64QAM	12	6	16.49	16.44	16.51	17.2
5	256QAM	12	6	16.48	16.49	16.43	17.2

Antenna 4_ Receiver off

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	50	25	20.39	20.39	20.33	21.2
20	16QAM	50	25	20.31	20.32	20.35	21.2
20	64QAM	50	25	20.35	20.33	20.27	21.2
20	256QAM	50	25	20.39	20.40	20.40	21.2

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	20.65	20.62	20.58	21.2
20	PI/2 BPSK	2	104	20.62	20.63	20.70	
20	PI/2 BPSK	1	0	20.67	20.65	20.66	
20	PI/2 BPSK	1	105	20.64	20.62	20.58	
20	PI/2 BPSK	100	0	20.77	20.78	20.72	21.2
20	PI/2 BPSK	50	25	20.74	20.79	20.77	21.2
20	PI/2 BPSK	1	1	20.67	20.70	20.64	
20	PI/2 BPSK	1	104	20.75	20.72	20.68	
20	QPSK	2	0	20.83	20.73	20.67	21.2
20	QPSK	2	104	20.71	20.75	20.67	
20	QPSK	1	0	20.81	20.72	20.64	
20	QPSK	1	105	20.71	20.78	20.63	
20	QPSK	100	0	20.88	20.83	20.78	21.2
20	QPSK	50	25	20.72	20.86	21.07	21.2
20	QPSK	1	1	21.09	21.02	20.93	
20	QPSK	1	104	21.00	20.96	20.88	

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	16QAM	2	0	20.72	20.66	20.73	21.2
20	16QAM	2	104	20.63	20.65	20.72	
20	16QAM	1	0	20.64	20.60	20.61	
20	16QAM	1	105	20.56	20.53	20.52	
20	16QAM	100	0	20.83	20.76	20.72	21.2
20	16QAM	50	25	20.84	20.80	20.86	21.2
20	16QAM	1	1	20.98	20.95	20.90	
20	16QAM	1	104	20.85	20.90	20.96	
20	64QAM	2	0	20.40	20.45	20.47	21.2
20	64QAM	2	104	20.43	20.39	20.32	
20	64QAM	1	0	20.55	20.53	20.58	
20	64QAM	1	105	20.47	20.48	20.47	
20	64QAM	100	0	20.79	20.76	20.74	21.2
20	64QAM	50	25	20.85	20.82	20.75	21.2
20	64QAM	1	1	20.88	20.92	20.97	
20	64QAM	1	104	20.86	20.93	20.88	
20	256QAM	2	0	20.66	20.63	20.61	21.2
20	256QAM	2	104	20.56	20.61	20.68	
20	256QAM	1	0	20.57	20.53	20.50	
20	256QAM	1	105	20.55	20.52	20.50	
20	256QAM	100	0	20.85	20.78	20.85	21.2
20	256QAM	50	25	20.83	20.81	20.85	21.2
20	256QAM	1	1	20.53	20.56	20.63	
20	256QAM	1	104	20.97	20.95	20.95	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	20.84	20.84	20.87	21.2
15	QPSK	36	18	20.88	20.89	20.89	21.2
15	16QAM	36	18	20.75	20.82	20.80	21.2
15	64QAM	36	18	20.90	20.87	20.82	21.2
15	256QAM	36	18	20.94	20.88	20.89	21.2

Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	20.89	20.84	20.88	21.2
10	QPSK	25	12	20.88	20.87	20.92	21.2
10	16QAM	25	12	20.88	20.86	20.91	21.2
10	64QAM	25	12	20.88	20.81	20.75	21.2
10	256QAM	25	12	20.85	20.85	20.79	21.2
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	20.79	20.85	20.92	21.2
5	QPSK	12	6	20.84	20.86	20.85	21.2
5	16QAM	12	6	20.76	20.83	20.78	21.2
5	64QAM	12	6	20.77	20.81	20.75	21.2
5	256QAM	12	6	20.81	20.83	20.82	21.2

Antenna 4_Hotspot

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	50	25	19.34	19.32	19.39	19.7
20	16QAM	50	25	19.32	19.27	19.26	19.7
20	64QAM	50	25	19.19	19.25	19.18	19.7
20	256QAM	50	25	19.25	19.31	19.31	19.7

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	19.30	19.25	19.26	19.7
20	PI/2 BPSK	2	104	19.13	19.18	19.11	
20	PI/2 BPSK	1	0	19.15	19.17	19.14	
20	PI/2 BPSK	1	105	19.17	19.14	19.11	19.7
20	PI/2 BPSK	100	0	18.77	18.81	18.82	
20	PI/2 BPSK	50	25	19.36	19.34	19.36	
20	PI/2 BPSK	1	1	19.22	19.16	19.13	19.7
20	PI/2 BPSK	1	104	19.20	19.15	19.08	
20	QPSK	2	0	19.31	19.47	19.44	
20	QPSK	2	104	19.22	19.45	19.47	19.7
20	QPSK	1	0	19.27	19.56	19.58	
20	QPSK	1	105	19.48	19.55	19.59	
20	QPSK	100	0	19.33	19.25	19.24	19.7
20	QPSK	50	25	19.24	19.63	19.55	19.7
20	QPSK	1	1	19.59	19.45	19.41	
20	QPSK	1	104	19.45	19.42	19.37	

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	16QAM	2	0	19.16	19.19	19.12	19.7
20	16QAM	2	104	19.14	19.16	19.10	
20	16QAM	1	0	19.33	19.39	19.38	
20	16QAM	1	105	19.36	19.36	19.32	
20	16QAM	100	0	18.78	18.80	18.83	19.7
20	16QAM	50	25	19.29	19.32	19.29	19.7
20	16QAM	1	1	18.87	18.92	18.93	
20	16QAM	1	104	18.89	18.89	18.91	
20	64QAM	2	0	19.40	19.34	19.40	19.7
20	64QAM	2	104	19.37	19.31	19.28	
20	64QAM	1	0	18.94	18.96	18.92	
20	64QAM	1	105	18.94	18.92	18.92	
20	64QAM	100	0	18.87	18.82	18.78	19.7
20	64QAM	50	25	19.32	19.32	19.28	19.7
20	64QAM	1	1	18.95	18.98	18.97	
20	64QAM	1	104	18.93	18.93	18.86	
20	256QAM	2	0	19.12	19.16	19.13	19.7
20	256QAM	2	104	19.13	19.09	19.10	
20	256QAM	1	0	18.99	19.04	19.08	
20	256QAM	1	105	19.06	19.02	19.05	
20	256QAM	100	0	18.87	18.83	18.84	19.7
20	256QAM	50	25	19.32	19.33	19.35	19.7
20	256QAM	1	1	19.13	19.06	19.01	
20	256QAM	1	104	19.03	19.03	19.10	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	19.40	19.33	19.40	19.7
15	QPSK	36	18	19.43	19.37	19.32	19.7
15	16QAM	36	18	19.30	19.29	19.29	19.7
15	64QAM	36	18	19.27	19.34	19.32	19.7
15	256QAM	36	18	19.40	19.35	19.38	19.7



Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	19.27	19.29	19.25	19.7
10	QPSK	25	12	19.27	19.33	19.39	19.7
10	16QAM	25	12	19.26	19.32	19.37	19.7
10	64QAM	25	12	19.25	19.27	19.21	19.7
10	256QAM	25	12	19.38	19.32	19.25	19.7
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	19.22	19.28	19.34	19.7
5	QPSK	12	6	19.39	19.34	19.35	19.7
5	16QAM	12	6	19.37	19.30	19.30	19.7
5	64QAM	12	6	19.22	19.27	19.34	19.7
5	256QAM	12	6	19.30	19.32	19.34	19.7

Antenna 4_Simultaneous with BT/WiFi/LTE_Receiver on

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	50	25	14.71	14.69	14.45	15.2
20	16QAM	50	25	14.84	14.86	14.37	15.2
20	64QAM	50	25	14.83	14.33	14.73	15.2
20	256QAM	50	25	14.57	14.77	14.32	15.2

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	14.62	14.75	14.67	15.2
20	PI/2 BPSK	2	104	14.43	14.37	14.77	
20	PI/2 BPSK	1	0	14.82	14.81	14.42	
20	PI/2 BPSK	1	105	14.30	14.48	14.81	
20	PI/2 BPSK	100	0	14.57	14.56	14.54	15.2
20	PI/2 BPSK	50	25	14.68	14.54	14.83	15.2
20	PI/2 BPSK	1	1	14.59	14.42	14.85	
20	PI/2 BPSK	1	104	14.39	14.63	14.30	
20	QPSK	2	0	14.82	14.72	14.85	15.2
20	QPSK	2	104	14.72	14.66	14.83	
20	QPSK	1	0	14.82	14.69	14.79	
20	QPSK	1	105	14.71	14.84	14.80	
20	QPSK	100	0	14.90	14.76	14.72	15.2
20	QPSK	50	25	14.89	14.77	14.92	15.2
20	QPSK	1	1	14.82	14.89	14.81	
20	QPSK	1	104	14.72	14.86	14.81	

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	16QAM	2	0	14.73	14.50	14.73	15.2
20	16QAM	2	104	14.32	14.38	14.70	
20	16QAM	1	0	14.70	14.61	14.51	
20	16QAM	1	105	14.67	14.53	14.52	
20	16QAM	100	0	14.32	14.67	14.78	15.2
20	16QAM	50	25	14.70	14.58	14.88	15.2
20	16QAM	1	1	14.83	14.56	14.55	
20	16QAM	1	104	14.72	14.31	14.46	
20	64QAM	2	0	14.41	14.41	14.84	15.2
20	64QAM	2	104	14.35	14.54	14.43	
20	64QAM	1	0	14.67	14.37	14.87	
20	64QAM	1	105	14.74	14.65	14.41	
20	64QAM	100	0	14.62	14.41	14.49	15.2
20	64QAM	50	25	14.38	14.58	14.47	15.2
20	64QAM	1	1	14.39	14.65	14.50	
20	64QAM	1	104	14.52	14.40	14.35	
20	256QAM	2	0	14.71	14.31	14.67	15.2
20	256QAM	2	104	14.75	14.46	14.77	
20	256QAM	1	0	14.75	14.58	14.36	
20	256QAM	1	105	14.80	14.53	14.53	
20	256QAM	100	0	14.48	14.36	14.58	15.2
20	256QAM	50	25	14.45	14.66	14.33	15.2
20	256QAM	1	1	14.74	14.83	14.33	
20	256QAM	1	104	14.73	14.58	14.62	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	14.82	14.73	14.37	15.2
15	QPSK	36	18	14.79	14.39	14.66	15.2
15	16QAM	36	18	14.40	14.78	14.56	15.2
15	64QAM	36	18	14.45	14.66	14.55	15.2
15	256QAM	36	18	14.74	14.83	14.77	15.2

Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	14.87	14.85	14.86	15.2
10	QPSK	25	12	14.48	14.50	14.87	15.2
10	16QAM	25	12	14.49	14.82	14.79	15.2
10	64QAM	25	12	14.50	14.63	14.71	15.2
10	256QAM	25	12	14.65	14.74	14.79	15.2
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	14.59	14.76	14.60	15.2
5	QPSK	12	6	14.78	14.77	14.36	15.2
5	16QAM	12	6	14.73	14.65	14.77	15.2
5	64QAM	12	6	14.62	14.74	14.32	15.2
5	256QAM	12	6	14.69	14.70	14.63	15.2

Antenna 5 Receiver on

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	50	25	18.15	18.18	18.22	18.7
20	16QAM	50	25	18.16	18.14	18.16	18.7
20	64QAM	50	25	18.17	18.16	18.11	18.7
20	256QAM	50	25	18.25	18.20	18.26	18.7

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	18.00	18.07	18.04	18.7
20	PI/2 BPSK	2	104	18.05	18.04	18.01	
20	PI/2 BPSK	1	0	18.09	18.09	18.06	
20	PI/2 BPSK	1	105	17.95	18.01	18.06	
20	PI/2 BPSK	100	0	18.22	18.20	18.18	18.7
20	PI/2 BPSK	50	25	18.28	18.21	18.17	18.7
20	PI/2 BPSK	1	1	18.01	18.06	18.07	
20	PI/2 BPSK	1	104	18.03	18.02	18.01	
20	QPSK	2	0	18.52	18.44	18.41	18.7
20	QPSK	2	104	18.46	18.41	18.38	
20	QPSK	1	0	18.49	18.37	18.35	
20	QPSK	1	105	18.39	18.35	18.33	
20	QPSK	100	0	18.55	18.53	18.50	18.7
20	QPSK	50	25	18.59	18.56	18.51	18.7
20	QPSK	1	1	18.48	18.44	18.37	
20	QPSK	1	104	18.38	18.41	18.35	

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	16QAM	2	0	18.03	18.05	18.10	18.7
20	16QAM	2	104	18.02	18.04	17.98	
20	16QAM	1	0	18.27	18.30	18.29	
20	16QAM	1	105	18.24	18.26	18.25	
20	16QAM	100	0	18.15	18.19	18.18	18.7
20	16QAM	50	25	18.25	18.18	18.15	18.7
20	16QAM	1	1	18.09	18.04	18.06	
20	16QAM	1	104	18.15	18.22	18.18	
20	64QAM	2	0	18.26	18.27	18.23	18.7
20	64QAM	2	104	18.31	18.24	18.21	
20	64QAM	1	0	18.32	18.33	18.28	
20	64QAM	1	105	18.29	18.30	18.34	
20	64QAM	100	0	18.22	18.16	18.20	18.7
20	64QAM	50	25	18.15	18.21	18.28	18.7
20	64QAM	1	1	18.35	18.36	18.41	
20	64QAM	1	104	18.33	18.32	18.28	
20	256QAM	2	0	18.46	18.42	18.45	18.7
20	256QAM	2	104	18.08	18.02	17.98	
20	256QAM	1	0	18.37	18.42	18.47	
20	256QAM	1	105	18.34	18.37	18.35	
20	256QAM	100	0	18.20	18.20	18.20	18.7
20	256QAM	50	25	18.28	18.25	18.24	18.7
20	256QAM	1	1	18.48	18.41	18.36	
20	256QAM	1	104	18.35	18.37	18.43	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	18.12	18.07	18.12	18.7
15	QPSK	36	18	18.19	18.21	18.26	18.7
15	16QAM	36	18	18.11	18.14	18.18	18.7
15	64QAM	36	18	18.13	18.17	18.18	18.7
15	256QAM	36	18	18.20	18.21	18.21	18.7

Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	18.03	18.03	18.07	18.7
10	QPSK	25	12	18.04	18.04	18.01	18.7
10	16QAM	25	12	18.08	18.08	18.06	18.7
10	64QAM	25	12	17.98	18.02	17.98	18.7
10	256QAM	25	12	18.07	18.12	18.07	18.7
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	18.01	18.04	18.00	18.7
5	QPSK	12	6	18.10	18.05	18.06	18.7
5	16QAM	12	6	18.01	18.07	18.02	18.7
5	64QAM	12	6	18.14	18.10	18.12	18.7
5	256QAM	12	6	18.12	18.08	18.15	18.7

Antenna 5 Receiver off

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	50	25	21.09	21.14	21.09	21.2
20	16QAM	50	25	20.18	20.13	20.19	20.7
20	64QAM	50	25	19.07	19.04	19.00	19.2
20	256QAM	50	25	15.80	15.76	15.73	16.2

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	21.02	21.04	21.07	22.2
20	PI/2 BPSK	2	104	21.12	21.05	21.07	
20	PI/2 BPSK	1	0	20.92	20.96	21.01	
20	PI/2 BPSK	1	105	21.07	21.00	21.07	
20	PI/2 BPSK	100	0	21.19	21.15	21.08	22.2
20	PI/2 BPSK	50	25	21.21	21.13	21.11	22.7
20	PI/2 BPSK	1	1	21.08	20.98	20.95	
20	PI/2 BPSK	1	104	21.01	20.99	20.96	
20	QPSK	2	0	21.56	21.52	21.46	21.7
20	QPSK	2	104	21.51	21.51	21.41	
20	QPSK	1	0	21.48	21.46	21.42	
20	QPSK	1	105	21.45	21.43	21.39	
20	QPSK	100	0	21.62	21.61	21.59	21.7
20	QPSK	50	25	21.67	21.69	21.61	22.7
20	QPSK	1	1	21.53	21.50	21.47	
20	QPSK	1	104	21.46	21.47	21.41	

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	16QAM	2	0	19.95	19.90	19.88	20.7
20	16QAM	2	104	19.80	19.87	19.85	
20	16QAM	1	0	20.17	20.17	20.11	
20	16QAM	1	105	20.23	20.24	20.20	
20	16QAM	100	0	20.12	20.12	20.06	20.7
20	16QAM	50	25	21.07	21.12	21.10	21.7
20	16QAM	1	1	21.25	21.30	21.23	
20	16QAM	1	104	21.32	21.38	21.45	
20	64QAM	2	0	19.79	19.77	19.82	20.2
20	64QAM	2	104	19.78	19.74	19.68	
20	64QAM	1	0	19.52	19.50	19.55	
20	64QAM	1	105	19.50	19.56	19.58	
20	64QAM	100	0	19.54	19.58	19.55	20.2
20	64QAM	50	25	19.49	19.56	19.59	20.2
20	64QAM	1	1	19.43	19.49	19.44	
20	64QAM	1	104	19.53	19.53	19.47	
20	256QAM	2	0	17.97	18.00	17.96	18.2
20	256QAM	2	104	17.87	17.93	17.99	
20	256QAM	1	0	17.77	17.77	17.73	
20	256QAM	1	105	17.82	17.76	17.74	
20	256QAM	100	0	18.10	18.06	18.03	18.2
20	256QAM	50	25	18.02	18.07	18.10	18.2
20	256QAM	1	1	17.77	17.78	17.71	
20	256QAM	1	104	17.68	17.75	17.82	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	21.17	21.11	21.05	22.7
15	QPSK	36	18	21.07	21.10	21.11	22.7
15	16QAM	36	18	20.20	20.18	20.16	21.7
15	64QAM	36	18	19.57	19.57	19.53	20.2
15	256QAM	36	18	17.46	17.51	17.48	18.2

Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	21.17	21.15	21.15	22.7
10	QPSK	25	12	21.07	21.10	21.06	22.7
10	16QAM	25	12	20.15	20.16	20.09	21.7
10	64QAM	25	12	19.51	19.53	19.60	20.2
10	256QAM	25	12	17.52	17.50	17.50	18.2
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	21.10	21.17	21.17	22.7
5	QPSK	12	6	21.13	21.14	21.16	22.7
5	16QAM	12	6	20.15	20.18	20.24	21.7
5	64QAM	12	6	19.48	19.52	19.46	20.2
5	256QAM	12	6	17.58	17.51	17.49	18.2

Antenna 5_Hotspot

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	50	25	20.17	20.13	20.16	20.7
20	16QAM	50	25	20.14	20.09	20.05	20.7
20	64QAM	50	25	20.08	20.11	20.12	20.7
20	256QAM	50	25	20.21	20.16	20.13	20.7

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	19.94	20.00	19.94	20.7
20	PI/2 BPSK	2	104	20.01	20.01	20.04	
20	PI/2 BPSK	1	0	19.99	19.92	19.91	
20	PI/2 BPSK	1	105	19.93	19.93	19.96	20.7
20	PI/2 BPSK	100	0	20.06	20.13	20.19	
20	PI/2 BPSK	50	25	20.10	20.14	20.16	
20	PI/2 BPSK	1	1	19.98	19.94	19.96	20.7
20	PI/2 BPSK	1	104	20.01	19.98	19.98	
20	QPSK	2	0	20.56	20.51	20.44	
20	QPSK	2	104	20.49	20.50	20.43	20.7
20	QPSK	1	0	20.52	20.45	20.41	
20	QPSK	1	105	20.45	20.43	20.39	
20	QPSK	100	0	20.62	20.61	20.57	20.7
20	QPSK	50	25	20.16	20.63	20.57	20.7
20	QPSK	1	1	20.58	20.46	20.43	
20	QPSK	1	104	20.46	20.45	20.44	

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	16QAM	2	0	19.91	19.94	19.90	20.7
20	16QAM	2	104	19.88	19.88	19.95	
20	16QAM	1	0	20.17	20.20	20.22	
20	16QAM	1	105	20.24	20.28	20.21	
20	16QAM	100	0	20.11	20.11	20.07	20.7
20	16QAM	50	25	20.07	20.08	20.07	20.7
20	16QAM	1	1	20.23	20.27	20.24	
20	16QAM	1	104	20.36	20.34	20.36	
20	64QAM	2	0	20.26	20.29	20.23	20.7
20	64QAM	2	104	20.37	20.32	20.36	
20	64QAM	1	0	20.03	20.01	20.02	
20	64QAM	1	105	20.12	20.07	20.10	
20	64QAM	100	0	20.09	20.07	20.12	20.7
20	64QAM	50	25	20.15	20.12	20.10	20.7
20	64QAM	1	1	20.05	20.02	20.04	
20	64QAM	1	104	20.13	20.06	20.08	
20	256QAM	2	0	20.13	20.09	20.05	20.7
20	256QAM	2	104	20.15	20.12	20.15	
20	256QAM	1	0	19.84	19.82	19.89	
20	256QAM	1	105	19.75	19.78	19.82	
20	256QAM	100	0	20.12	20.13	20.17	20.7
20	256QAM	50	25	20.08	20.15	20.09	20.7
20	256QAM	1	1	19.79	19.75	19.80	
20	256QAM	1	104	19.87	19.87	19.82	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	20.07	20.13	20.20	20.7
15	QPSK	36	18	20.02	20.09	20.13	20.7
15	16QAM	36	18	20.15	20.18	20.25	20.7
15	64QAM	36	18	19.99	20.05	20.06	20.7
15	256QAM	36	18	20.17	20.13	20.12	20.7



Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	20.12	20.11	20.12	20.7
10	QPSK	25	12	20.02	20.08	20.11	20.7
10	16QAM	25	12	20.17	20.15	20.15	20.7
10	64QAM	25	12	20.09	20.03	20.08	20.7
10	256QAM	25	12	20.07	20.11	20.05	20.7
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	20.15	20.15	20.18	20.7
5	QPSK	12	6	20.00	20.05	19.99	20.7
5	16QAM	12	6	20.18	20.17	20.18	20.7
5	64QAM	12	6	20.06	20.07	20.12	20.7
5	256QAM	12	6	20.11	20.12	20.18	20.7

Antenna 6_Receiver on

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	50	25	15.55	15.56	15.54	16.2
20	16QAM	50	25	15.51	15.53	15.50	16.2
20	64QAM	50	25	15.60	15.55	15.56	16.2
20	256QAM	50	25	15.63	15.57	15.54	16.2

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	15.39	15.45	15.38	16.2
20	PI/2 BPSK	2	104	15.34	15.41	15.34	
20	PI/2 BPSK	1	0	15.50	15.44	15.37	
20	PI/2 BPSK	1	105	15.41	15.37	15.31	16.2
20	PI/2 BPSK	100	0	15.58	15.52	15.46	
20	PI/2 BPSK	50	25	15.46	15.51	15.48	
20	PI/2 BPSK	1	1	15.53	15.46	15.41	16.2
20	PI/2 BPSK	1	104	15.43	15.38	15.36	
20	QPSK	2	0	15.82	15.68	15.59	
20	QPSK	2	104	15.69	15.63	15.57	16.2
20	QPSK	1	0	15.79	15.67	15.57	
20	QPSK	1	105	15.67	15.59	15.54	
20	QPSK	100	0	15.83	15.76	15.70	16.2
20	QPSK	50	25	15.85	15.77	15.69	16.2
20	QPSK	1	1	15.78	16.19	16.06	
20	QPSK	1	104	16.17	16.13	16.03	

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	16QAM	2	0	15.50	15.46	15.48	16.2
20	16QAM	2	104	15.50	15.43	15.47	
20	16QAM	1	0	15.32	15.25	15.21	
20	16QAM	1	105	15.10	15.15	15.18	
20	16QAM	100	0	15.61	15.54	15.55	16.2
20	16QAM	50	25	15.55	15.56	15.62	16.2
20	16QAM	1	1	15.68	15.71	15.75	
20	16QAM	1	104	15.62	15.60	15.56	
20	64QAM	2	0	15.60	15.58	15.65	16.2
20	64QAM	2	104	15.55	15.52	15.45	
20	64QAM	1	0	15.22	15.26	15.23	
20	64QAM	1	105	15.18	15.20	15.13	
20	64QAM	100	0	15.40	15.47	15.47	16.2
20	64QAM	50	25	15.54	15.51	15.50	16.2
20	64QAM	1	1	15.37	15.30	15.32	
20	64QAM	1	104	15.25	15.21	15.24	
20	256QAM	2	0	15.46	15.44	15.39	16.2
20	256QAM	2	104	15.42	15.35	15.35	
20	256QAM	1	0	15.33	15.36	15.39	
20	256QAM	1	105	15.30	15.26	15.25	
20	256QAM	100	0	15.57	15.54	15.59	16.2
20	256QAM	50	25	15.64	15.58	15.57	16.2
20	256QAM	1	1	15.81	15.82	15.76	
20	256QAM	1	104	15.83	15.78	15.85	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	15.56	15.57	15.59	16.2
15	QPSK	36	18	15.59	15.60	15.53	16.2
15	16QAM	36	18	15.59	15.52	15.45	16.2
15	64QAM	36	18	15.55	15.55	15.49	16.2
15	256QAM	36	18	15.52	15.58	15.65	16.2

Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	15.55	15.56	15.55	16.2
10	QPSK	25	12	15.55	15.59	15.58	16.2
10	16QAM	25	12	15.47	15.53	15.52	16.2
10	64QAM	25	12	15.48	15.50	15.44	16.2
10	256QAM	25	12	15.62	15.57	15.58	16.2
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	15.56	15.58	15.58	16.2
5	QPSK	12	6	15.69	15.63	15.63	16.2
5	16QAM	12	6	15.55	15.55	15.55	16.2
5	64QAM	12	6	15.59	15.56	15.59	16.2
5	256QAM	12	6	15.58	15.62	15.60	16.2

Antenna 6_ Receiver off

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	50	25	18.94	18.89	18.89	19.7
20	16QAM	50	25	18.78	18.84	18.91	19.7
20	64QAM	50	25	18.85	18.85	18.88	19.7
20	256QAM	50	25	18.79	18.86	18.80	19.7

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	18.75	18.76	18.81	19.7
20	PI/2 BPSK	2	104	18.72	18.71	18.71	
20	PI/2 BPSK	1	0	18.71	18.73	18.73	
20	PI/2 BPSK	1	105	18.71	18.70	18.67	
20	PI/2 BPSK	100	0	18.85	18.91	18.86	19.7
20	PI/2 BPSK	50	25	18.81	18.88	18.87	19.7
20	PI/2 BPSK	1	1	18.75	18.76	18.69	
20	PI/2 BPSK	1	104	18.72	18.74	18.71	
20	QPSK	2	0	19.23	19.08	19.01	19.7
20	QPSK	2	104	19.10	19.05	18.97	
20	QPSK	1	0	19.16	19.04	18.97	
20	QPSK	1	105	19.04	18.98	18.91	
20	QPSK	100	0	19.26	19.16	19.11	19.7
20	QPSK	50	25	19.28	19.65	19.61	19.7
20	QPSK	1	1	19.69	19.56	19.47	
20	QPSK	1	104	19.59	19.52	19.43	

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	16QAM	2	0	18.74	18.80	18.74	19.7
20	16QAM	2	104	18.77	18.70	18.64	
20	16QAM	1	0	18.91	18.97	18.97	
20	16QAM	1	105	18.96	18.89	18.85	
20	16QAM	100	0	18.84	18.87	18.87	19.7
20	16QAM	50	25	18.96	18.90	18.86	19.7
20	16QAM	1	1	18.98	19.02	19.00	
20	16QAM	1	104	18.85	18.89	18.85	
20	64QAM	2	0	18.97	18.97	18.90	19.7
20	64QAM	2	104	18.92	18.89	18.89	
20	64QAM	1	0	19.04	19.02	19.04	
20	64QAM	1	105	18.95	18.93	18.93	
20	64QAM	100	0	18.93	18.87	18.87	19.7
20	64QAM	50	25	18.95	18.88	18.90	19.7
20	64QAM	1	1	18.98	19.03	19.06	
20	64QAM	1	104	18.89	18.94	18.87	
20	256QAM	2	0	18.71	18.75	18.75	19.7
20	256QAM	2	104	18.76	18.71	18.73	
20	256QAM	1	0	18.99	19.01	18.97	
20	256QAM	1	105	19.04	18.98	18.95	
20	256QAM	100	0	18.80	18.85	18.78	19.7
20	256QAM	50	25	18.85	18.89	18.84	19.7
20	256QAM	1	1	19.20	19.15	19.20	
20	256QAM	1	104	19.10	19.04	18.99	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	18.96	18.89	18.95	19.7
15	QPSK	36	18	18.91	18.88	18.83	19.7
15	16QAM	36	18	18.94	18.87	18.87	19.7
15	64QAM	36	18	18.91	18.91	18.91	19.7
15	256QAM	36	18	18.95	18.92	18.90	19.7

Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	18.82	18.85	18.83	19.7
10	QPSK	25	12	18.84	18.81	18.80	19.7
10	16QAM	25	12	18.99	18.92	18.88	19.7
10	64QAM	25	12	18.84	18.84	18.84	19.7
10	256QAM	25	12	18.91	18.90	18.87	19.7
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	18.80	18.86	18.92	19.7
5	QPSK	12	6	18.94	18.87	18.90	19.7
5	16QAM	12	6	18.98	18.91	18.98	19.7
5	64QAM	12	6	18.92	18.88	18.81	19.7
5	256QAM	12	6	18.88	18.87	18.86	19.7

Antenna 6_Hotspot

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	50	25	17.41	17.45	17.44	18.2
20	16QAM	50	25	17.34	17.38	17.42	18.2
20	64QAM	50	25	17.39	17.42	17.37	18.2
20	256QAM	50	25	17.52	17.47	17.40	18.2

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	17.30	17.35	17.34	18.2
20	PI/2 BPSK	2	104	17.32	17.27	17.34	
20	PI/2 BPSK	1	0	17.39	17.32	17.29	
20	PI/2 BPSK	1	105	17.28	17.23	17.28	
20	PI/2 BPSK	100	0	17.49	17.45	17.45	18.2
20	PI/2 BPSK	50	25	17.45	17.48	17.42	18.2
20	PI/2 BPSK	1	1	17.28	17.32	17.39	
20	PI/2 BPSK	1	104	17.17	17.22	17.29	
20	QPSK	2	0	17.69	18.05	17.98	18.2
20	QPSK	2	104	17.58	18.01	17.94	
20	QPSK	1	0	17.65	18.01	17.93	
20	QPSK	1	105	17.55	17.95	17.88	
20	QPSK	100	0	17.70	17.60	17.55	18.2
20	QPSK	50	25	17.73	18.15	18.06	18.2
20	QPSK	1	1	18.14	18.03	17.92	
20	QPSK	1	104	18.05	17.99	17.90	

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	16QAM	2	0	17.35	17.36	17.39	18.2
20	16QAM	2	104	17.31	17.24	17.29	
20	16QAM	1	0	17.61	17.56	17.52	
20	16QAM	1	105	17.47	17.45	17.40	
20	16QAM	100	0	17.42	17.42	17.38	18.2
20	16QAM	50	25	17.39	17.43	17.37	18.2
20	16QAM	1	1	17.62	17.56	17.55	
20	16QAM	1	104	17.45	17.48	17.42	
20	64QAM	2	0	17.55	17.56	17.61	18.2
20	64QAM	2	104	17.38	17.44	17.46	
20	64QAM	1	0	17.61	17.60	17.56	
20	64QAM	1	105	17.49	17.47	17.51	
20	64QAM	100	0	17.38	17.43	17.39	18.2
20	64QAM	50	25	17.40	17.42	17.48	18.2
20	64QAM	1	1	17.56	17.62	17.59	
20	64QAM	1	104	17.54	17.51	17.54	
20	256QAM	2	0	17.39	17.34	17.30	18.2
20	256QAM	2	104	17.27	17.23	17.26	
20	256QAM	1	0	17.60	17.64	17.57	
20	256QAM	1	105	17.60	17.56	17.51	
20	256QAM	100	0	17.42	17.45	17.48	18.2
20	256QAM	50	25	17.45	17.47	17.46	18.2
20	256QAM	1	1	17.61	17.67	17.62	
20	256QAM	1	104	17.52	17.56	17.55	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	36	18	17.48	17.48	17.49	18.2
15	QPSK	36	18	17.36	17.42	17.43	18.2
15	16QAM	36	18	17.46	17.41	17.47	18.2
15	64QAM	36	18	17.49	17.45	17.51	18.2
15	256QAM	36	18	17.53	17.48	17.54	18.2

Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	25	12	17.40	17.45	17.44	18.2
10	QPSK	25	12	17.49	17.43	17.50	18.2
10	16QAM	25	12	17.42	17.47	17.53	18.2
10	64QAM	25	12	17.41	17.40	17.47	18.2
10	256QAM	25	12	17.54	17.48	17.47	18.2
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	12	6	17.50	17.43	17.47	18.2
5	QPSK	12	6	17.45	17.44	17.37	18.2
5	16QAM	12	6	17.46	17.39	17.45	18.2
5	64QAM	12	6	17.36	17.41	17.37	18.2
5	256QAM	12	6	17.46	17.46	17.51	18.2

Note:

1) The tested channel results are marks in bold.

3. Conducted power measurement results of 5G NR n38

Antenna 3 Receiver on

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	22.48	22.49	22.48	22.7
20	16QAM	25	12	22.04	22.05	22.05	22.2
20	64QAM	25	12	19.84	19.89	19.89	20.7
20	256QAM	25	12	17.56	17.55	17.50	17.7

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	22.86	22.90	22.94	23.7
20	PI/2 BPSK	2	49	22.97	22.92	22.88	
20	PI/2 BPSK	1	0	22.74	22.70	22.71	
20	PI/2 BPSK	1	50	22.81	22.82	22.84	
20	PI/2 BPSK	50	0	23.09	23.04	23.02	23.7
20	PI/2 BPSK	25	12	22.37	22.39	22.40	24.2
20	PI/2 BPSK	1	1	22.38	22.35	22.29	
20	PI/2 BPSK	1	49	22.27	22.26	22.27	23.2
20	QPSK	2	0	23.12	22.71	22.71	
20	QPSK	2	49	22.70	22.69	22.74	
20	QPSK	1	0	22.98	23.09	23.07	
20	QPSK	1	50	23.05	23.07	23.09	23.2
20	QPSK	50	0	22.78	22.83	22.81	
20	QPSK	25	12	23.25	23.25	23.33	24.2
20	QPSK	1	1	22.96	23.10	23.05	
20	QPSK	1	49	23.02	23.02	23.06	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	21.81	21.76	21.74	22.2
20	16QAM	2	49	21.83	21.81	21.85	
20	16QAM	1	0	22.12	22.09	22.04	
20	16QAM	1	50	22.17	22.13	22.10	
20	16QAM	50	0	22.00	21.95	21.95	22.2
20	16QAM	25	12	23.05	23.08	23.13	23.2
20	16QAM	1	1	22.74	22.70	22.65	
20	16QAM	1	49	22.59	22.60	22.61	
20	64QAM	2	0	21.23	21.23	21.20	21.7
20	64QAM	2	49	21.24	21.28	21.25	
20	64QAM	1	0	21.64	21.60	21.64	
20	64QAM	1	50	21.57	21.61	21.57	
20	64QAM	50	0	21.43	21.43	21.46	21.7
20	64QAM	25	12	21.53	21.55	21.56	21.7
20	64QAM	1	1	21.67	21.67	21.62	
20	64QAM	1	49	21.64	21.60	21.62	
20	256QAM	2	0	19.28	19.33	19.32	19.7
20	256QAM	2	49	19.39	19.36	19.38	
20	256QAM	1	0	19.04	19.07	19.08	
20	256QAM	1	50	19.04	19.09	19.11	
20	256QAM	50	0	19.35	19.40	19.39	19.7
20	256QAM	25	12	19.32	19.36	19.33	19.7
20	256QAM	1	1	19.11	19.16	19.18	
20	256QAM	1	49	19.13	19.13	19.12	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	23.08	23.03	23.06	24.2
15	QPSK	18	9	23.04	23.07	23.09	24.2
15	16QAM	18	9	23.06	23.09	23.04	23.2
15	64QAM	18	9	21.43	21.48	21.43	21.7
15	256QAM	18	9	19.47	19.42	19.45	19.7



Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	23.06	23.01	23.03	24.2
10	QPSK	12	6	23.02	23.05	23.09	24.2
10	16QAM	12	6	23.14	23.10	23.11	23.2
10	64QAM	12	6	21.44	21.49	21.52	21.7
10	256QAM	12	6	19.41	19.45	19.43	19.7

Antenna 3 Receiver off

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	20.32	20.34	20.29	20.7
20	16QAM	25	12	20.36	20.41	20.45	20.7
20	64QAM	25	12	20.29	20.25	20.26	20.7
20	256QAM	25	12	20.33	20.30	20.32	20.7

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	20.26	20.26	20.31	20.7
20	PI/2 BPSK	2	49	20.27	20.30	20.26	
20	PI/2 BPSK	1	0	20.21	20.17	20.16	
20	PI/2 BPSK	1	50	20.21	20.20	20.25	
20	PI/2 BPSK	50	0	20.46	20.47	20.49	20.7
20	PI/2 BPSK	25	12	20.42	20.43	20.46	20.7
20	PI/2 BPSK	1	1	20.21	20.23	20.26	
20	PI/2 BPSK	1	49	20.15	20.19	20.15	
20	QPSK	2	0	20.57	20.18	20.17	20.7
20	QPSK	2	49	20.52	20.17	20.21	
20	QPSK	1	0	20.47	20.57	20.54	
20	QPSK	1	50	20.53	20.55	20.58	
20	QPSK	50	0	20.22	20.28	20.27	20.7
20	QPSK	25	12	20.19	20.19	20.24	20.7
20	QPSK	1	1	20.45	20.59	20.53	
20	QPSK	1	49	20.51	20.52	20.54	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	20.23	20.19	20.22	20.7
20	16QAM	2	49	20.26	20.22	20.22	
20	16QAM	1	0	20.36	20.43	20.58	
20	16QAM	1	50	20.41	20.49	20.20	
20	16QAM	50	0	20.43	20.42	20.42	20.7
20	16QAM	25	12	20.53	20.50	20.46	20.7
20	16QAM	1	1	20.41	20.40	20.41	
20	16QAM	1	49	20.09	20.04	20.05	
20	64QAM	2	0	20.20	20.20	20.22	20.7
20	64QAM	2	49	20.21	20.23	20.25	
20	64QAM	1	0	20.56	20.58	20.53	
20	64QAM	1	50	20.49	20.44	20.45	
20	64QAM	50	0	20.36	20.41	20.39	20.7
20	64QAM	25	12	20.52	20.56	20.57	20.7
20	64QAM	1	1	20.52	20.50	20.54	
20	64QAM	1	49	20.47	20.47	20.48	
20	256QAM	2	0	20.39	20.37	20.33	20.7
20	256QAM	2	49	20.36	20.38	20.38	
20	256QAM	1	0	20.17	20.13	20.12	
20	256QAM	1	50	20.16	20.17	20.18	
20	256QAM	50	0	20.49	20.45	20.48	20.7
20	256QAM	25	12	20.45	20.50	20.50	20.7
20	256QAM	1	1	20.17	20.22	20.20	
20	256QAM	1	49	20.22	20.19	20.16	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	20.45	20.44	20.42	20.7
15	QPSK	18	9	20.47	20.47	20.44	20.7
15	16QAM	18	9	20.41	20.46	20.41	20.7
15	64QAM	18	9	20.48	20.43	20.45	20.7
15	256QAM	18	9	20.43	20.45	20.47	20.7



Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	20.40	20.42	20.44	20.7
10	QPSK	12	6	20.45	20.45	20.48	20.7
10	16QAM	12	6	20.43	20.44	20.44	20.7
10	64QAM	12	6	20.39	20.41	20.41	20.7
10	256QAM	12	6	20.42	20.42	20.38	20.7

Antenna 3_Hotspot

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	18.82	18.78	18.79	19.2
20	16QAM	25	12	18.72	18.76	18.71	19.2
20	64QAM	25	12	18.71	18.72	18.68	19.2
20	256QAM	25	12	18.75	18.74	18.76	19.2

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	18.68	18.66	18.69	19.2
20	PI/2 BPSK	2	49	18.66	18.67	18.68	
20	PI/2 BPSK	1	0	18.60	18.60	18.63	
20	PI/2 BPSK	1	50	18.58	18.57	18.62	
20	PI/2 BPSK	50	0	18.95	18.92	18.92	19.2
20	PI/2 BPSK	25	12	18.86	18.86	18.82	19.2
20	PI/2 BPSK	1	1	18.60	18.65	18.70	
20	PI/2 BPSK	1	49	18.64	18.63	18.64	
20	QPSK	2	0	19.05	19.11	19.09	19.2
20	QPSK	2	49	19.07	19.09	18.72	
20	QPSK	1	0	18.95	19.02	19.02	
20	QPSK	1	50	18.99	19.00	19.05	
20	QPSK	50	0	18.68	18.72	18.72	19.2
20	QPSK	25	12	19.15	19.17	18.68	19.2
20	QPSK	1	1	18.88	19.05	19.00	
20	QPSK	1	49	18.97	18.98	19.00	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	18.63	18.60	18.61	19.2
20	16QAM	2	49	18.67	18.65	18.68	
20	16QAM	1	0	19.01	19.00	19.04	
20	16QAM	1	50	18.98	19.02	18.97	19.2
20	16QAM	50	0	18.89	18.86	18.88	
20	16QAM	25	12	18.88	18.93	18.94	19.2
20	16QAM	1	1	19.05	19.09	19.11	
20	16QAM	1	49	18.99	19.03	18.99	
20	64QAM	2	0	18.99	19.03	19.08	19.2
20	64QAM	2	49	19.08	19.05	19.10	
20	64QAM	1	0	18.89	18.84	18.89	
20	64QAM	1	50	18.81	18.83	18.87	
20	64QAM	50	0	18.87	18.85	18.89	19.2
20	64QAM	25	12	18.79	18.79	18.78	19.2
20	64QAM	1	1	18.91	18.88	18.86	
20	64QAM	1	49	18.92	18.89	18.89	
20	256QAM	2	0	18.77	18.78	18.78	19.2
20	256QAM	2	49	18.77	18.78	18.80	
20	256QAM	1	0	18.54	18.55	18.52	
20	256QAM	1	50	18.55	18.60	18.55	
20	256QAM	50	0	18.84	18.88	18.92	19.2
20	256QAM	25	12	18.86	18.84	18.85	19.2
20	256QAM	1	1	18.62	18.60	18.58	
20	256QAM	1	49	18.58	18.60	18.61	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	18.92	18.88	18.83	19.2
15	QPSK	18	9	18.92	18.92	18.89	19.2
15	16QAM	18	9	18.86	18.90	18.86	19.2
15	64QAM	18	9	18.82	18.87	18.83	19.2
15	256QAM	18	9	18.94	18.89	18.90	19.2



Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	18.84	18.80	18.83	19.2
10	QPSK	12	6	18.88	18.87	18.91	19.2
10	16QAM	12	6	18.91	18.93	18.91	19.2
10	64QAM	12	6	18.89	18.89	18.89	19.2
10	256QAM	12	6	18.77	18.82	18.78	19.2

Antenna 4 Receiver on

CP-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)
				Low	Middle	High	
Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	16.39	16.37	16.42	17.2
20	16QAM	25	12	16.41	16.42	16.44	17.2
20	64QAM	25	12	16.43	16.37	16.35	17.2
20	256QAM	25	12	16.51	16.47	16.50	17.2

DFT-s-OFDM_SCS-30KHz							
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)
				Low	Middle	High	
Channel				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	16.29	16.31	16.35	17.2
20	PI/2 BPSK	2	49	16.29	16.25	16.25	
20	PI/2 BPSK	1	0	16.22	16.24	16.29	
20	PI/2 BPSK	1	50	16..17	16..17	16..17	
20	PI/2 BPSK	50	0	16.42	16.39	16.45	17.2
20	PI/2 BPSK	25	12	16.37	16.35	16.38	17.2
20	PI/2 BPSK	1	1	16.19	16.21	16.26	
20	PI/2 BPSK	1	49	16.19	16.18	16.24	
20	QPSK	2	0	16.65	16.65	16.64	17.2
20	QPSK	2	49	16.61	16.64	16.62	
20	QPSK	1	0	16.69	16.67	16.62	
20	QPSK	1	50	16.52	16.55	16.54	
20	QPSK	50	0	16.29	16.27	16.23	17.2
20	QPSK	25	12	16.72	16.74	16.79	17.2
20	QPSK	1	1	16.57	16.59	16.54	
20	QPSK	1	49	16.51	16.54	16.52	

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	16.28	16.31	16.36	17.2
20	16QAM	2	49	16.25	16.26	16.24	
20	16QAM	1	0	16.05	16.04	16.01	
20	16QAM	1	50	15.96	15.97	16.00	
20	16QAM	50	0	16.41	16.39	16.36	17.2
20	16QAM	25	12	16.36	16.42	16.41	17.2
20	16QAM	1	1	16.07	16.02	16.06	
20	16QAM	1	49	15.93	15.97	15.94	
20	64QAM	2	0	16.49	16.54	16.48	17.2
20	64QAM	2	49	16.46	16.49	16.53	
20	64QAM	1	0	16.07	16.07	16.04	
20	64QAM	1	50	16.02	15.99	16.03	
20	64QAM	50	0	16.45	16.41	16.40	17.2
20	64QAM	25	12	16.39	16.36	16.42	17.2
20	64QAM	1	1	16.07	16.06	16.07	
20	64QAM	1	49	16.03	16.02	16.04	
20	256QAM	2	0	16.33	16.31	16.30	17.2
20	256QAM	2	49	16.33	16.27	16.24	
20	256QAM	1	0	16.65	16.67	16.66	
20	256QAM	1	50	16.69	16.63	16.59	
20	256QAM	50	0	16.40	16.45	16.40	17.2
20	256QAM	25	12	16.42	16.47	16.49	17.2
20	256QAM	1	1	16.66	16.67	16.73	
20	256QAM	1	49	16.66	16.65	16.66	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	16.41	16.39	16.37	17.2
15	QPSK	18	9	16.39	16.40	16.43	17.2
15	16QAM	18	9	16.52	16.46	16.51	17.2
15	64QAM	18	9	16.37	16.34	16.29	17.2
15	256QAM	18	9	16.49	16.49	16.55	17.2



Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	16.36	16.32	16.31	17.2
10	QPSK	12	6	16.39	16.33	16.35	17.2
10	16QAM	12	6	16.42	16.36	16.32	17.2
10	64QAM	12	6	16.36	16.31	16.35	17.2
10	256QAM	12	6	16.42	16.39	16.44	17.2

Antenna 4_ Receiver off

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	20.20	20.23	20.16	20.7
20	16QAM	25	12	19.85	19.80	19.78	20.2
20	64QAM	25	12	18.60	18.61	18.62	18.7
20	256QAM	25	12	15.31	15.28	15.24	15.7

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	21.16	21.13	21.19	21.7
20	PI/2 BPSK	2	49	21.08	21.08	21.07	
20	PI/2 BPSK	1	0	20.96	21.02	21.09	
20	PI/2 BPSK	1	50	20.96	20.98	21.02	
20	PI/2 BPSK	50	0	20.73	20.74	20.67	21.7
20	PI/2 BPSK	25	12	21.12	21.12	21.06	22.2
20	PI/2 BPSK	1	1	20.87	20.99	20.85	
20	PI/2 BPSK	1	49	20.89	20.85	20.83	
20	QPSK	2	0	21.09	21.17	21.11	21.2
20	QPSK	2	49	21.15	21.13	21.12	
20	QPSK	1	0	20.98	21.05	21.03	
20	QPSK	1	50	21.03	21.02	21.02	
20	QPSK	50	0	20.74	20.79	20.75	21.2
20	QPSK	25	12	21.52	21.45	21.53	22.2
20	QPSK	1	1	21.23	21.31	21.26	
20	QPSK	1	49	21.25	21.18	21.20	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	20.16	20.11	20.10	20.2
20	16QAM	2	49	20.01	20.08	20.07	
20	16QAM	1	0	19.78	19.80	19.82	
20	16QAM	1	50	19.73	19.79	19.73	
20	16QAM	50	0	19.85	19.78	19.75	20.2
20	16QAM	25	12	20.84	20.79	20.78	21.2
20	16QAM	1	1	20.96	20.91	20.91	
20	16QAM	1	49	20.83	20.80	20.81	
20	64QAM	2	0	19.29	19.33	19.27	19.7
20	64QAM	2	49	19.25	19.31	19.32	
20	64QAM	1	0	19.33	19.32	19.39	
20	64QAM	1	50	19.25	19.29	19.33	
20	64QAM	50	0	19.24	19.28	19.32	19.7
20	64QAM	25	12	19.18	19.24	19.23	19.7
20	64QAM	1	1	19.34	19.41	19.35	
20	64QAM	1	49	19.25	19.30	19.26	
20	256QAM	2	0	17.57	17.54	17.59	17.7
20	256QAM	2	49	17.45	17.51	17.55	
20	256QAM	1	0	17.46	17.41	17.45	
20	256QAM	1	50	17.32	17.39	17.34	
20	256QAM	50	0	17.20	17.23	17.29	17.7
20	256QAM	25	12	17.16	17.23	17.22	17.7
20	256QAM	1	1	17.45	17.47	17.50	
20	256QAM	1	49	17.38	17.36	17.35	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	21.27	21.26	21.25	22.2
15	QPSK	18	9	21.24	21.29	21.29	22.2
15	16QAM	18	9	20.87	20.86	20.86	21.2
15	64QAM	18	9	19.23	19.20	19.21	19.7
15	256QAM	18	9	17.28	17.24	17.24	17.7



Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	21.21	21.22	21.18	22.2
10	QPSK	12	6	21.25	21.26	21.25	22.2
10	16QAM	12	6	20.83	20.78	20.73	21.2
10	64QAM	12	6	19.29	19.22	19.27	19.7
10	256QAM	12	6	17.09	17.16	17.22	17.7

Antenna 4_Hotspot

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	20.29	20.23	20.18	20.7
20	16QAM	25	12	20.30	20.29	20.26	20.7
20	64QAM	25	12	20.14	20.13	20.15	20.7
20	256QAM	25	12	20.24	20.21	20.23	20.7

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	20.19	20.12	20.05	20.7
20	PI/2 BPSK	2	49	20.06	20.08	20.02	
20	PI/2 BPSK	1	0	19.96	20.01	20.04	
20	PI/2 BPSK	1	50	19.96	19.96	19.97	20.7
20	PI/2 BPSK	50	0	19.81	19.81	19.85	20.7
20	PI/2 BPSK	25	12	20.15	20.21	20.28	20.7
20	PI/2 BPSK	1	1	20.02	20.06	20.02	
20	PI/2 BPSK	1	49	19.93	19.97	20.00	
20	QPSK	2	0	20.47	20.43	20.46	20.7
20	QPSK	2	49	20.52	20.44	20.51	
20	QPSK	1	0	20.37	20.48	20.52	
20	QPSK	1	50	20.46	20.49	20.53	20.7
20	QPSK	50	0	20.18	20.24	20.25	20.7
20	QPSK	25	12	20.54	20.45	20.46	20.7
20	QPSK	1	1	20.22	20.34	20.25	
20	QPSK	1	49	20.28	20.23	20.19	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	20.17	20.12	20.06	20.7
20	16QAM	2	49	20.02	20.09	20.10	
20	16QAM	1	0	19.79	19.81	19.81	
20	16QAM	1	50	20.30	20.27	20.22	20.7
20	16QAM	50	0	19.77	19.81	19.85	
20	16QAM	25	12	20.29	20.28	20.33	20.7
20	16QAM	1	1	19.94	19.88	19.87	
20	16QAM	1	49	19.80	19.83	19.81	
20	64QAM	2	0	20.34	20.35	20.39	20.7
20	64QAM	2	49	20.31	20.32	20.34	
20	64QAM	1	0	19.94	19.87	19.93	
20	64QAM	1	50	19.89	19.82	19.89	20.7
20	64QAM	50	0	19.73	19.80	19.85	
20	64QAM	25	12	20.20	20.24	20.30	20.7
20	64QAM	1	1	19.92	19.91	19.96	
20	64QAM	1	49	19.78	19.83	19.89	
20	256QAM	2	0	20.08	20.10	20.10	20.7
20	256QAM	2	49	20.06	20.06	20.10	
20	256QAM	1	0	19.90	19.95	19.99	
20	256QAM	1	50	19.98	19.91	19.88	20.7
20	256QAM	50	0	19.82	19.81	19.79	
20	256QAM	25	12	19.87	19.82	19.77	20.7
20	256QAM	1	1	19.95	20.02	20.00	
20	256QAM	1	49	19.87	19.93	19.92	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	20.17	20.23	20.24	20.7
15	QPSK	18	9	20.29	20.27	20.24	20.7
15	16QAM	18	9	20.37	20.33	20.34	20.7
15	64QAM	18	9	20.23	20.21	20.17	20.7
15	256QAM	18	9	20.39	20.35	20.37	20.7



Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	20.19	20.17	20.20	20.7
10	QPSK	12	6	20.15	20.21	20.23	20.7
10	16QAM	12	6	20.24	20.24	20.20	20.7
10	64QAM	12	6	20.22	20.20	20.25	20.7
10	256QAM	12	6	20.27	20.23	20.18	20.7

Antenna 4_Simultaneous with BT/WiFi/LTE_Receiver on

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	15.04	15.00	14.86	15.2
20	16QAM	25	12	15.02	14.89	15.06	15.2
20	64QAM	25	12	14.91	14.83	14.92	15.2
20	256QAM	25	12	14.67	14.74	14.98	15.2

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	15.10	14.95	14.69	15.2
20	PI/2 BPSK	2	49	14.68	14.96	14.96	
20	PI/2 BPSK	1	0	15.09	14.88	14.84	
20	PI/2 BPSK	1	50	14.67	14.70	14.86	
20	PI/2 BPSK	50	0	14.71	14.64	14.80	15.2
20	PI/2 BPSK	25	12	15.03	14.60	14.80	15.2
20	PI/2 BPSK	1	1	14.77	15.00	14.82	
20	PI/2 BPSK	1	49	14.72	15.09	14.63	
20	QPSK	2	0	15.09	15.11	15.12	15.2
20	QPSK	2	49	15.12	15.07	15.13	
20	QPSK	1	0	15.01	15.03	15.04	
20	QPSK	1	50	15.04	15.01	15.05	
20	QPSK	50	0	15.11	15.14	15.12	15.2
20	QPSK	25	12	15.15	15.14	15.18	15.2
20	QPSK	1	1	15.02	15.10	15.04	
20	QPSK	1	49	15.04	15.00	15.02	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	14.64	14.71	14.76	15.2
20	16QAM	2	49	15.00	14.95	15.09	
20	16QAM	1	0	14.94	14.71	14.83	
20	16QAM	1	50	14.80	15.07	14.60	
20	16QAM	50	0	14.75	14.93	14.90	15.2
20	16QAM	25	12	15.00	14.62	14.77	15.2
20	16QAM	1	1	14.68	15.01	14.81	
20	16QAM	1	49	14.91	15.09	14.92	
20	64QAM	2	0	14.89	14.81	14.70	15.2
20	64QAM	2	49	14.99	14.61	14.96	
20	64QAM	1	0	14.89	15.02	14.88	
20	64QAM	1	50	14.72	14.80	14.86	
20	64QAM	50	0	14.97	14.95	14.89	15.2
20	64QAM	25	12	14.83	14.83	14.83	15.2
20	64QAM	1	1	14.69	14.79	14.87	
20	64QAM	1	49	14.85	14.84	14.85	
20	256QAM	2	0	14.96	15.02	14.92	15.2
20	256QAM	2	49	14.89	14.66	14.63	
20	256QAM	1	0	15.03	15.00	15.02	
20	256QAM	1	50	15.01	14.92	15.10	
20	256QAM	50	0	14.89	15.04	15.00	15.2
20	256QAM	25	12	14.82	14.66	14.86	15.2
20	256QAM	1	1	14.62	14.70	14.87	
20	256QAM	1	49	14.83	14.84	15.08	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	14.61	14.90	14.77	15.2
15	QPSK	18	9	14.60	14.77	14.70	15.2
15	16QAM	18	9	14.77	14.77	15.05	15.2
15	64QAM	18	9	14.95	15.09	14.85	15.2
15	256QAM	18	9	14.86	14.70	14.92	15.2

Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	15.01	14.62	15.04	15.2
10	QPSK	12	6	14.75	15.08	14.71	15.2
10	16QAM	12	6	14.75	14.96	14.88	15.2
10	64QAM	12	6	15.09	14.97	14.77	15.2
10	256QAM	12	6	14.67	15.05	14.97	15.2

Antenna 4_Simultaneous with BT/WiFi/LTE_Receiver off & hotspot

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	18.44	18.40	18.16	18.7
20	16QAM	25	12	18.39	18.16	18.50	18.7
20	64QAM	25	12	18.05	18.21	18.19	18.7
20	256QAM	25	12	18.19	18.08	18.47	18.7

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	18.30	18.37	18.10	18.7
20	PI/2 BPSK	2	49	18.08	18.22	18.45	
20	PI/2 BPSK	1	0	18.21	18.39	18.06	
20	PI/2 BPSK	1	50	18.20	18.28	18.49	18.7
20	PI/2 BPSK	50	0	18.29	18.18	18.15	
20	PI/2 BPSK	25	12	18.46	18.25	18.22	
20	PI/2 BPSK	1	1	18.06	18.45	18.47	18.7
20	PI/2 BPSK	1	49	18.29	18.40	18.05	
20	QPSK	2	0	18.39	18.40	18.45	
20	QPSK	2	49	18.41	18.38	18.44	18.7
20	QPSK	1	0	18.28	18.31	18.31	
20	QPSK	1	50	18.29	18.26	18.55	
20	QPSK	50	0	18.34	18.50	18.51	18.7
20	QPSK	25	12	18.56	18.53	18.56	18.7
20	QPSK	1	1	18.28	18.38	18.35	
20	QPSK	1	49	18.31	18.26	18.33	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	18.26	18.26	18.46	18.7
20	16QAM	2	49	18.32	18.36	18.40	
20	16QAM	1	0	18.13	18.37	18.50	
20	16QAM	1	50	18.45	18.08	18.10	18.7
20	16QAM	50	0	18.27	18.27	18.33	
20	16QAM	25	12	18.48	18.40	18.25	18.7
20	16QAM	1	1	18.40	18.33	18.12	
20	16QAM	1	49	18.24	18.32	18.31	
20	64QAM	2	0	18.35	18.28	18.21	18.7
20	64QAM	2	49	18.42	18.15	18.40	
20	64QAM	1	0	18.17	18.08	18.25	
20	64QAM	1	50	18.14	18.34	18.29	18.7
20	64QAM	50	0	18.36	18.09	18.25	
20	64QAM	25	12	18.28	18.49	18.28	18.7
20	64QAM	1	1	18.38	18.11	18.15	
20	64QAM	1	49	18.25	18.26	18.35	
20	256QAM	2	0	18.48	18.06	18.09	18.7
20	256QAM	2	49	18.33	18.12	18.17	
20	256QAM	1	0	18.23	18.48	18.36	
20	256QAM	1	50	18.36	18.26	18.36	18.7
20	256QAM	50	0	18.30	18.13	18.30	
20	256QAM	25	12	18.07	18.06	18.06	18.7
20	256QAM	1	1	18.37	18.44	18.16	
20	256QAM	1	49	18.25	18.17	18.40	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	18.05	18.50	18.30	18.7
15	QPSK	18	9	18.09	18.18	18.34	18.7
15	16QAM	18	9	18.20	18.12	18.17	18.7
15	64QAM	18	9	18.43	18.33	18.38	18.7
15	256QAM	18	9	18.14	18.17	18.24	18.7



Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	18.05	18.20	18.47	18.7
10	QPSK	12	6	18.17	18.15	18.43	18.7
10	16QAM	12	6	18.35	18.36	18.10	18.7
10	64QAM	12	6	18.21	18.10	18.38	18.7
10	256QAM	12	6	18.14	18.23	18.31	18.7

Antenna 5 Receiver on

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	16.75	16.77	16.81	17.2
20	16QAM	25	12	16.83	16.83	16.88	17.2
20	64QAM	25	12	16.78	16.72	16.74	17.2
20	256QAM	25	12	16.66	16.72	16.76	17.2

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	16.72	16.69	16.71	17.2
20	PI/2 BPSK	2	49	16.62	16.65	16.67	
20	PI/2 BPSK	1	0	16.65	16.62	16.68	
20	PI/2 BPSK	1	50	16.59	16.58	16.57	17.2
20	PI/2 BPSK	50	0	16.79	16.79	16.76	
20	PI/2 BPSK	25	12	16.75	16.78	16.79	
20	PI/2 BPSK	1	1	16.60	16.66	16.68	17.2
20	PI/2 BPSK	1	49	16.58	16.59	16.61	
20	QPSK	2	0	17.02	17.08	17.07	
20	QPSK	2	49	17.06	17.06	17.09	17.2
20	QPSK	1	0	16.92	17.00	16.97	
20	QPSK	1	50	16.98	16.94	16.98	
20	QPSK	50	0	17.12	17.11	17.13	17.2
20	QPSK	25	12	17.16	17.14	17.17	17.2
20	QPSK	1	1	16.91	17.06	16.98	
20	QPSK	1	49	17.00	16.95	16.98	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	16.54	16.56	16.56	17.2
20	16QAM	2	49	16.51	16.55	16.54	
20	16QAM	1	0	16.85	16.88	16.94	
20	16QAM	1	50	16.80	16.86	16.84	
20	16QAM	50	0	16.71	16.73	16.70	17.2
20	16QAM	25	12	16.81	16.84	16.80	17.2
20	16QAM	1	1	16.93	16.99	16.98	
20	16QAM	1	49	16.92	16.85	16.81	
20	64QAM	2	0	16.94	16.97	16.90	17.2
20	64QAM	2	49	16.92	16.92	16.87	
20	64QAM	1	0	16.76	16.78	16.77	
20	64QAM	1	50	16.76	16.74	16.77	
20	64QAM	50	0	16.78	16.75	16.74	17.2
20	64QAM	25	12	16.69	16.71	16.66	17.2
20	64QAM	1	1	16.80	16.80	16.76	
20	64QAM	1	49	16.66	16.72	16.72	
20	256QAM	2	0	16.71	16.77	16.82	17.2
20	256QAM	2	49	16.75	16.74	16.77	
20	256QAM	1	0	16.51	16.50	16.53	
20	256QAM	1	50	16.45	16.48	16.43	
20	256QAM	50	0	16.78	16.77	16.78	17.2
20	256QAM	25	12	16.77	16.73	16.70	17.2
20	256QAM	1	1	16.54	16.57	16.51	
20	256QAM	1	49	16.47	16.50	16.55	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	16.81	16.78	16.73	17.2
15	QPSK	18	9	16.81	16.84	16.80	17.2
15	16QAM	18	9	16.81	16.83	16.77	17.2
15	64QAM	18	9	16.86	16.79	16.81	17.2
15	256QAM	18	9	16.74	16.80	16.74	17.2



Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	16.81	16.79	16.81	17.2
10	QPSK	12	6	16.78	16.81	16.77	17.2
10	16QAM	12	6	16.84	16.85	16.80	17.2
10	64QAM	12	6	16.77	16.77	16.74	17.2
10	256QAM	12	6	16.87	16.80	16.82	17.2

Antenna 5 Receiver off

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	20.01	20.04	20.02	20.7
20	16QAM	25	12	20.12	20.12	20.09	20.7
20	64QAM	25	12	19.90	19.96	19.98	20.7
20	256QAM	25	12	20.08	20.02	20.05	20.7

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	20.04	20.01	20.03	20.7
20	PI/2 BPSK	2	49	20.02	19.99	20.02	
20	PI/2 BPSK	1	0	19.96	19.92	19.92	
20	PI/2 BPSK	1	50	19.84	19.89	19.86	20.7
20	PI/2 BPSK	50	0	20.10	20.15	20.10	20.7
20	PI/2 BPSK	25	12	20.18	20.11	20.14	20.7
20	PI/2 BPSK	1	1	19.95	19.99	19.96	
20	PI/2 BPSK	1	49	19.96	19.90	19.90	
20	QPSK	2	0	20.43	20.51	20.48	20.7
20	QPSK	2	49	20.50	20.46	20.51	
20	QPSK	1	0	20.29	20.37	20.34	
20	QPSK	1	50	20.35	20.32	20.35	20.7
20	QPSK	50	0	20.56	20.55	20.58	20.7
20	QPSK	25	12	20.59	20.57	20.59	20.7
20	QPSK	1	1	20.29	20.42	20.35	
20	QPSK	1	49	20.32	20.33	20.32	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	20.00	20.02	19.98	20.7
20	16QAM	2	49	20.05	19.98	19.92	
20	16QAM	1	0	20.47	20.40	20.47	
20	16QAM	1	50	20.31	20.33	20.26	
20	16QAM	50	0	20.20	20.21	20.27	20.7
20	16QAM	25	12	20.30	20.23	20.24	20.7
20	16QAM	1	1	20.48	20.44	20.37	
20	16QAM	1	49	20.42	20.35	20.35	
20	64QAM	2	0	20.38	20.33	20.36	20.7
20	64QAM	2	49	20.38	20.33	20.27	
20	64QAM	1	0	20.21	20.15	20.17	
20	64QAM	1	50	20.14	20.14	20.09	
20	64QAM	50	0	20.08	20.12	20.06	20.7
20	64QAM	25	12	20.12	20.06	20.03	20.7
20	64QAM	1	1	20.28	20.23	20.16	
20	64QAM	1	49	20.15	20.17	20.14	
20	256QAM	2	0	20.08	20.09	20.16	20.7
20	256QAM	2	49	20.09	20.05	20.07	
20	256QAM	1	0	19.78	19.85	19.87	
20	256QAM	1	50	19.87	19.86	19.86	
20	256QAM	50	0	20.10	20.16	20.16	20.7
20	256QAM	25	12	20.15	20.12	20.11	20.7
20	256QAM	1	1	19.90	19.95	19.94	
20	256QAM	1	49	19.95	19.88	19.88	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	20.14	20.17	20.16	20.7
15	QPSK	18	9	20.24	20.19	20.22	20.7
15	16QAM	18	9	20.11	20.18	20.15	20.7
15	64QAM	18	9	20.08	20.15	20.16	20.7
15	256QAM	18	9	20.18	20.16	20.23	20.7



Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	20.16	20.18	20.25	20.7
10	QPSK	12	6	20.15	20.19	20.21	20.7
10	16QAM	12	6	20.23	20.17	20.19	20.7
10	64QAM	12	6	20.10	20.16	20.19	20.7
10	256QAM	12	6	20.12	20.15	20.19	20.7

Antenna 5 Hotspot

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	18.55	18.60	18.66	19.2
20	16QAM	25	12	18.63	18.67	18.64	19.2
20	64QAM	25	12	18.69	18.65	18.68	19.2
20	256QAM	25	12	18.62	18.64	18.57	19.2

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	18.51	18.56	18.55	19.2
20	PI/2 BPSK	2	49	18.59	18.52	18.52	
20	PI/2 BPSK	1	0	18.44	18.45	18.50	
20	PI/2 BPSK	1	50	18.43	18.43	18.45	
20	PI/2 BPSK	50	0	18.70	18.75	18.77	19.2
20	PI/2 BPSK	25	12	18.64	18.71	18.70	19.2
20	PI/2 BPSK	1	1	18.50	18.52	18.54	
20	PI/2 BPSK	1	49	18.43	18.42	18.43	
20	QPSK	2	0	18.88	18.98	18.94	19.2
20	QPSK	2	49	18.96	18.93	18.96	
20	QPSK	1	0	18.78	18.85	18.82	
20	QPSK	1	50	18.82	18.83	18.84	
20	QPSK	50	0	19.02	19.02	19.03	19.2
20	QPSK	25	12	19.04	19.03	19.05	19.2
20	QPSK	1	1	18.77	18.91	18.84	
20	QPSK	1	49	18.82	18.81	18.82	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	18.83	18.89	18.95	19.2
20	16QAM	2	49	18.86	18.88	18.81	
20	16QAM	1	0	18.73	18.73	18.75	
20	16QAM	1	50	18.74	18.74	18.81	
20	16QAM	50	0	18.57	18.57	18.61	19.2
20	16QAM	25	12	18.66	18.66	18.61	19.2
20	16QAM	1	1	18.86	18.82	18.83	
20	16QAM	1	49	18.75	18.70	18.77	
20	64QAM	2	0	18.75	18.78	18.79	19.2
20	64QAM	2	49	18.77	18.77	18.70	
20	64QAM	1	0	18.54	18.60	18.53	
20	64QAM	1	50	18.61	18.56	18.62	
20	64QAM	50	0	18.56	18.58	18.57	19.2
20	64QAM	25	12	18.81	18.75	18.68	19.2
20	64QAM	1	1	18.57	18.60	18.60	
20	64QAM	1	49	18.55	18.52	18.59	
20	256QAM	2	0	18.56	18.55	18.61	19.2
20	256QAM	2	49	18.77	18.77	18.78	
20	256QAM	1	0	18.64	18.64	18.70	
20	256QAM	1	50	18.51	18.56	18.55	
20	256QAM	50	0	18.54	18.54	18.57	19.2
20	256QAM	25	12	18.54	18.55	18.54	19.2
20	256QAM	1	1	18.71	18.64	18.57	
20	256QAM	1	49	18.63	18.61	18.54	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	18.65	18.67	18.73	19.2
15	QPSK	18	9	18.67	18.66	18.72	19.2
15	16QAM	18	9	18.72	18.65	18.58	19.2
15	64QAM	18	9	18.63	18.63	18.61	19.2
15	256QAM	18	9	18.56	18.62	18.68	19.2



Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	18.74	18.68	18.64	19.2
10	QPSK	12	6	18.67	18.66	18.67	19.2
10	16QAM	12	6	18.64	18.64	18.57	19.2
10	64QAM	12	6	18.65	18.65	18.68	19.2
10	256QAM	12	6	18.61	18.62	18.65	19.2

Antenna 6_Receiver on

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	16.22	16.15	16.19	16.7
20	16QAM	25	12	16.15	16.22	16.26	16.7
20	64QAM	25	12	16.11	16.06	16.01	16.7
20	256QAM	25	12	16.08	16.10	16.14	16.7

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	16.16	16.09	16.04	16.7
20	PI/2 BPSK	2	49	16.05	16.04	16.05	
20	PI/2 BPSK	1	0	15.95	15.97	15.91	
20	PI/2 BPSK	1	50	15.97	15.91	15.90	16.7
20	PI/2 BPSK	50	0	16.18	16.18	16.12	
20	PI/2 BPSK	25	12	16.10	16.15	16.17	
20	PI/2 BPSK	1	1	16.51	16.46	16.39	16.7
20	PI/2 BPSK	1	49	16.48	16.43	16.41	
20	QPSK	2	0	16.52	16.44	16.38	
20	QPSK	2	49	16.40	16.35	16.37	16.7
20	QPSK	1	0	16.42	16.30	16.29	
20	QPSK	1	50	16.30	16.28	16.28	
20	QPSK	50	0	16.49	16.47	16.43	16.7
20	QPSK	25	12	16.48	16.45	16.43	16.7
20	QPSK	1	1	16.56	16.67	16.57	
20	QPSK	1	49	16.59	16.54	16.51	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	16.17	16.14	16.08	16.7
20	16QAM	2	49	16.15	16.09	16.03	
20	16QAM	1	0	15.79	15.82	15.88	
20	16QAM	1	50	15.73	15.80	15.80	16.7
20	16QAM	50	0	16.17	16.23	16.17	
20	16QAM	25	12	16.32	16.25	16.23	16.7
20	16QAM	1	1	16.24	16.30	16.36	
20	16QAM	1	49	16.24	16.23	16.25	
20	64QAM	2	0	16.29	16.35	16.41	16.7
20	64QAM	2	49	16.23	16.28	16.21	
20	64QAM	1	0	15.93	15.86	15.92	
20	64QAM	1	50	15.80	15.83	15.80	
20	64QAM	50	0	16.28	16.26	16.20	16.7
20	64QAM	25	12	16.13	16.20	16.20	16.7
20	64QAM	1	1	16.39	16.34	16.29	
20	64QAM	1	49	16.31	16.29	16.24	
20	256QAM	2	0	16.11	16.11	16.17	16.7
20	256QAM	2	49	16.07	16.07	16.13	
20	256QAM	1	0	16.19	16.13	16.13	
20	256QAM	1	50	16.14	16.07	16.12	
20	256QAM	50	0	16.28	16.25	16.18	16.7
20	256QAM	25	12	16.26	16.27	16.24	16.7
20	256QAM	1	1	16.45	16.44	16.42	
20	256QAM	1	49	16.42	16.42	16.40	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	16.11	16.16	16.14	16.7
15	QPSK	18	9	16.15	16.18	16.14	16.7
15	16QAM	18	9	16.31	16.29	16.25	16.7
15	64QAM	18	9	16.17	16.15	16.17	16.7
15	256QAM	18	9	16.30	16.29	16.30	16.7



Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	16.15	16.08	16.03	16.7
10	QPSK	12	6	16.08	16.10	16.04	16.7
10	16QAM	12	6	16.18	16.16	16.11	16.7
10	64QAM	12	6	16.16	16.13	16.09	16.7
10	256QAM	12	6	16.21	16.17	16.19	16.7

Antenna 6_Receiver off

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	20.26	20.19	20.13	20.7
20	16QAM	25	12	20.26	20.22	20.27	20.7
20	64QAM	25	12	20.16	20.13	20.06	20.7
20	256QAM	25	12	20.19	20.16	20.21	20.7

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	20.16	20.12	20.19	20.7
20	PI/2 BPSK	2	49	20.07	20.07	20.12	
20	PI/2 BPSK	1	0	19.98	20.03	20.10	
20	PI/2 BPSK	1	50	20.02	19.96	19.98	20.7
20	PI/2 BPSK	50	0	20.25	20.22	20.27	20.7
20	PI/2 BPSK	25	12	20.26	20.19	20.18	20.7
20	PI/2 BPSK	1	1	19.92	19.98	19.98	
20	PI/2 BPSK	1	49	19.94	19.94	19.89	
20	QPSK	2	0	20.46	20.47	20.41	20.7
20	QPSK	2	49	20.45	20.39	20.38	
20	QPSK	1	0	20.31	20.33	20.31	
20	QPSK	1	50	20.34	20.25	20.23	
20	QPSK	50	0	20.58	20.57	20.50	20.7
20	QPSK	25	12	20.59	20.52	20.51	20.7
20	QPSK	1	1	20.62	20.65	20.58	
20	QPSK	1	49	20.63	20.56	20.52	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	20.20	20.15	20.14	20.7
20	16QAM	2	49	20.04	20.08	20.06	
20	16QAM	1	0	19.88	19.82	19.84	
20	16QAM	1	50	19.71	19.76	19.69	20.7
20	16QAM	50	0	20.17	20.24	20.17	20.7
20	16QAM	25	12	20.30	20.26	20.30	20.7
20	16QAM	1	1	19.77	19.82	19.82	
20	16QAM	1	49	19.73	19.79	19.77	20.7
20	64QAM	2	0	20.26	20.33	20.36	
20	64QAM	2	49	20.28	20.31	20.32	
20	64QAM	1	0	19.83	19.85	19.84	
20	64QAM	1	50	19.74	19.81	19.75	20.7
20	64QAM	50	0	20.25	20.25	20.32	20.7
20	64QAM	25	12	20.28	20.21	20.24	20.7
20	64QAM	1	1	19.79	19.85	19.90	
20	64QAM	1	49	19.79	19.84	19.79	
20	256QAM	2	0	20.02	20.08	20.08	20.7
20	256QAM	2	49	20.04	20.04	20.06	
20	256QAM	1	0	19.90	19.94	19.90	
20	256QAM	1	50	19.94	19.91	19.85	
20	256QAM	50	0	20.19	20.25	20.20	20.7
20	256QAM	25	12	20.23	20.29	20.24	20.7
20	256QAM	1	1	20.43	20.43	20.48	
20	256QAM	1	49	20.41	20.41	20.46	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	20.19	20.23	20.23	20.7
15	QPSK	18	9	20.18	20.25	20.27	20.7
15	16QAM	18	9	20.25	20.31	20.36	20.7
15	64QAM	18	9	20.16	20.19	20.25	20.7
15	256QAM	18	9	20.37	20.33	20.26	20.7



Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	20.15	20.13	20.10	20.7
10	QPSK	12	6	20.24	20.17	20.11	20.7
10	16QAM	12	6	20.25	20.18	20.13	20.7
10	64QAM	12	6	20.20	20.17	20.24	20.7
10	256QAM	12	6	20.26	20.21	20.15	20.7

Antenna 6_Hotspot

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	QPSK	25	12	18.61	18.67	18.70	19.2
20	16QAM	25	12	18.78	18.75	18.73	19.2
20	64QAM	25	12	18.63	18.60	18.60	19.2
20	256QAM	25	12	18.69	18.64	18.58	19.2

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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	2	0	18.60	18.59	18.54	19.2
20	PI/2 BPSK	2	49	18.52	18.57	18.59	
20	PI/2 BPSK	1	0	18.40	18.47	18.42	
20	PI/2 BPSK	1	50	18.44	18.44	18.37	
20	PI/2 BPSK	50	0	18.65	18.72	18.76	19.2
20	PI/2 BPSK	25	12	18.75	18.68	18.63	19.2
20	PI/2 BPSK	1	1	18.46	18.45	18.39	
20	PI/2 BPSK	1	49	18.48	18.43	18.47	
20	QPSK	2	0	18.92	18.95	18.92	19.2
20	QPSK	2	49	18.94	18.88	18.87	
20	QPSK	1	0	18.82	18.83	18.81	
20	QPSK	1	50	18.81	18.76	18.78	
20	QPSK	50	0	19.05	19.04	18.98	19.2
20	QPSK	25	12	19.05	19.02	19.01	19.2
20	QPSK	1	1	19.11	19.18	19.16	
20	QPSK	1	49	19.15	19.10	19.13	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	16QAM	2	0	18.62	18.63	18.58	19.2
20	16QAM	2	49	18.51	18.58	18.62	
20	16QAM	1	0	18.21	18.30	18.24	
20	16QAM	1	50	18.31	18.27	18.21	
20	16QAM	50	0	18.73	18.76	18.75	19.2
20	16QAM	25	12	18.74	18.79	18.82	19.2
20	16QAM	1	1	18.81	18.81	18.80	
20	16QAM	1	49	18.75	18.76	18.76	
20	64QAM	2	0	18.93	18.88	18.83	19.2
20	64QAM	2	49	18.69	18.79	18.77	
20	64QAM	1	0	18.32	18.33	18.27	
20	64QAM	1	50	18.25	18.30	18.30	
20	64QAM	50	0	18.70	18.78	18.85	19.2
20	64QAM	25	12	18.74	18.71	18.68	19.2
20	64QAM	1	1	18.84	18.82	18.76	
20	64QAM	1	49	18.88	18.79	18.84	
20	256QAM	2	0	18.64	18.61	18.62	19.2
20	256QAM	2	49	18.55	18.53	18.57	
20	256QAM	1	0	18.54	18.46	18.50	
20	256QAM	1	50	18.53	18.40	18.37	
20	256QAM	50	0	18.85	18.78	18.75	19.2
20	256QAM	25	12	18.75	18.76	18.70	19.2
20	256QAM	1	1	18.96	18.93	18.96	
20	256QAM	1	49	18.93	18.89	18.96	
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	18	9	18.74	18.70	18.69	19.2
15	QPSK	18	9	18.72	18.73	18.79	19.2
15	16QAM	18	9	18.85	18.81	18.85	19.2
15	64QAM	18	9	18.64	18.69	18.75	19.2
15	256QAM	18	9	18.81	18.82	18.89	19.2

Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	12	6	18.60	18.61	18.60	19.2
10	QPSK	12	6	18.71	18.66	18.67	19.2
10	16QAM	12	6	18.73	18.67	18.62	19.2
10	64QAM	12	6	18.66	18.62	18.65	19.2
10	256QAM	12	6	18.76	18.69	18.73	19.2

Note:

1) The tested channel results are marks in bold.

4. Conducted power measurement results of 5G NR n41

Antenna 3 Receiver on

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	135	67	22.39	22.40	22.41	22.70
100	16QAM	135	67	21.90	21.92	21.88	22.20
100	64QAM	135	67	19.78	19.80	19.74	20.70
100	256QAM	135	67	17.52	17.50	17.55	17.70

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	21.80	21.80	21.80	23.7
100	PI/2 BPSK	2	271	22.25	22.18	22.17	
100	PI/2 BPSK	1	0	21.77	21.79	21.83	
100	PI/2 BPSK	1	272	22.11	22.17	22.22	
100	PI/2 BPSK	270	0	22.70	22.44	22.54	23.7
100	PI/2 BPSK	135	67	21.82	21.89	21.90	24.2
100	PI/2 BPSK	1	1	20.94	20.86	20.95	
100	PI/2 BPSK	1	271	20.96	20.94	20.97	
100	QPSK	2	0	22.28	22.16	22.26	23.2
100	QPSK	2	271	22.27	22.36	22.39	
100	QPSK	1	0	22.28	22.12	22.25	
100	QPSK	1	272	22.27	22.34	22.35	
100	QPSK	270	0	22.93	23.02	23.09	23.2
100	QPSK	135	67	23.06	23.18	23.28	24.2
100	QPSK	1	1	22.21	22.07	22.23	
100	QPSK	1	271	22.26	22.31	22.36	

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	16QAM	2	0	21.75	21.70	21.73	22.2
100	16QAM	2	271	22.09	22.09	22.06	
100	16QAM	1	0	22.05	22.02	21.97	
100	16QAM	1	272	21.82	21.86	21.87	
100	16QAM	270	0	22.18	22.19	22.20	22.2
100	16QAM	135	67	22.97	22.98	23.02	23.2
100	16QAM	1	1	22.00	22.04	22.07	
100	16QAM	1	271	22.38	22.43	22.38	
100	64QAM	2	0	20.58	20.65	20.61	21.7
100	64QAM	2	271	20.88	20.94	20.93	
100	64QAM	1	0	20.41	20.37	20.38	
100	64QAM	1	272	20.76	20.72	20.66	
100	64QAM	270	0	21.22	21.15	21.11	21.7
100	64QAM	135	67	21.35	21.36	21.42	21.7
100	64QAM	1	1	20.40	20.36	20.37	
100	64QAM	1	271	20.75	20.73	20.78	
100	256QAM	2	0	18.81	18.74	18.69	19.7
100	256QAM	2	271	19.13	19.10	19.15	
100	256QAM	1	0	18.52	18.46	18.42	
100	256QAM	1	272	18.94	18.88	18.91	
100	256QAM	270	0	19.60	19.61	19.57	19.7
100	256QAM	135	67	19.37	19.30	19.24	19.7
100	256QAM	1	1	18.52	18.50	18.54	
100	256QAM	1	271	18.97	18.91	18.90	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	22.82	22.89	22.95	24.2
90	QPSK	120	60	22.89	22.92	22.88	24.2
90	16QAM	120	60	22.95	22.90	22.83	23.2
90	64QAM	120	60	20.86	20.85	20.84	21.7
90	256QAM	120	60	19.25	19.30	19.27	19.7

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	22.85	22.87	22.92	24.2
80	QPSK	108	54	22.97	22.90	22.84	24.2
80	16QAM	108	54	22.83	22.88	22.93	23.2
80	64QAM	108	54	20.82	20.83	20.77	21.7
80	256QAM	108	54	19.39	19.33	19.35	19.7
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	22.85	22.87	22.80	24.2
60	QPSK	81	40	22.87	22.91	22.85	24.2
60	16QAM	81	40	22.88	22.95	22.97	23.2
60	64QAM	81	40	20.72	20.78	20.79	21.7
60	256QAM	81	40	19.37	19.35	19.32	19.7
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	22.91	22.88	22.85	24.2
50	QPSK	64	32	22.92	22.95	22.98	24.2
50	16QAM	64	32	22.87	22.92	22.89	23.2
50	64QAM	64	32	20.76	20.77	20.82	21.7
50	256QAM	64	32	19.38	19.37	19.40	19.7
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	22.83	22.83	22.77	24.2
40	QPSK	50	25	22.93	22.94	22.92	24.2
40	16QAM	50	25	22.97	22.91	22.91	23.2
40	64QAM	50	25	20.78	20.80	20.86	21.7
40	256QAM	50	25	19.33	19.33	19.39	19.7



Channel				501204	518598	535998	Tune-up
Frequency (MHz)				2506.02	2592.99	2679.99	limit (dBm)
20	PI/2 BPSK	25	12	22.78	22.80	22.76	24.2
20	QPSK	25	12	22.92	22.96	22.90	24.2
20	16QAM	25	12	22.84	22.88	22.87	23.2
20	64QAM	25	12	20.78	20.81	20.75	21.7
20	256QAM	25	12	19.25	19.31	19.30	19.7

Antenna 3 Receiver off

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	135	67	20.38	20.34	20.31	20.70
100	16QAM	135	67	20.33	20.39	20.34	20.70
100	64QAM	135	67	20.41	20.34	20.28	20.70
100	256QAM	135	67	20.31	20.36	20.38	20.70

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	19.78	19.78	19.81	20.7
100	PI/2 BPSK	2	271	20.19	20.15	20.10	
100	PI/2 BPSK	1	0	19.68	19.74	19.74	
100	PI/2 BPSK	1	272	20.04	20.09	20.05	20.7
100	PI/2 BPSK	270	0	20.45	20.39	20.35	
100	PI/2 BPSK	135	67	20.57	20.59	20.44	
100	PI/2 BPSK	1	1	19.79	19.75	19.81	20.7
100	PI/2 BPSK	1	271	20.16	20.11	20.06	
100	QPSK	2	0	20.25	20.51	20.24	
100	QPSK	2	271	20.24	20.33	20.37	20.7
100	QPSK	1	0	20.21	20.59	20.23	
100	QPSK	1	272	20.24	20.38	20.31	
100	QPSK	270	0	20.37	20.46	20.49	20.7
100	QPSK	135	67	20.51	20.64	20.20	20.7
100	QPSK	1	1	20.68	20.56	20.20	
100	QPSK	1	271	20.21	20.29	20.31	

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	16QAM	2	0	19.59	19.62	19.58	20.7
100	16QAM	2	271	20.02	20.02	20.03	
100	16QAM	1	0	19.98	20.01	19.98	
100	16QAM	1	272	20.48	20.42	20.42	
100	16QAM	270	0	20.73	20.66	20.61	20.7
100	16QAM	135	67	20.96	20.90	20.93	20.7
100	16QAM	1	1	20.35	20.39	20.39	
100	16QAM	1	271	19.89	19.90	19.92	
100	64QAM	2	0	19.03	19.09	19.10	20.7
100	64QAM	2	271	19.50	19.48	19.52	
100	64QAM	1	0	19.55	19.50	19.52	
100	64QAM	1	272	19.89	19.87	19.82	
100	64QAM	270	0	20.07	20.12	20.19	20.7
100	64QAM	135	67	20.46	20.45	20.44	20.7
100	64QAM	1	1	19.38	19.33	19.32	
100	64QAM	1	271	19.68	19.70	19.65	
100	256QAM	2	0	19.33	19.27	19.26	20.7
100	256QAM	2	271	19.56	19.63	19.66	
100	256QAM	1	0	19.06	19.04	18.99	
100	256QAM	1	272	19.44	19.40	19.37	
100	256QAM	270	0	20.18	20.13	20.18	20.7
100	256QAM	135	67	20.42	20.45	20.46	20.7
100	256QAM	1	1	19.00	19.02	19.02	
100	256QAM	1	271	19.49	19.46	19.40	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	20.31	20.33	20.28	20.7
90	QPSK	120	60	20.39	20.35	20.39	20.7
90	16QAM	120	60	20.41	20.34	20.35	20.7
90	64QAM	120	60	20.26	20.28	20.29	20.7
90	256QAM	120	60	20.35	20.30	20.29	20.7

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	20.39	20.34	20.38	20.7
80	QPSK	108	54	20.33	20.37	20.40	20.7
80	16QAM	108	54	20.27	20.30	20.37	20.7
80	64QAM	108	54	20.31	20.24	20.27	20.7
80	256QAM	108	54	20.32	20.32	20.37	20.7
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	20.34	20.36	20.34	20.7
60	QPSK	81	40	20.44	20.37	20.37	20.7
60	16QAM	81	40	20.29	20.32	20.35	20.7
60	64QAM	81	40	20.27	20.20	20.27	20.7
60	256QAM	81	40	20.24	20.30	20.30	20.7
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	20.33	20.30	20.37	20.7
50	QPSK	64	32	20.34	20.39	20.46	20.7
50	16QAM	64	32	20.27	20.32	20.29	20.7
50	64QAM	64	32	20.20	20.24	20.30	20.7
50	256QAM	64	32	20.35	20.33	20.33	20.7
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	20.31	20.35	20.33	20.7
40	QPSK	50	25	20.40	20.39	20.40	20.7
40	16QAM	50	25	20.30	20.35	20.33	20.7
40	64QAM	50	25	20.17	20.20	20.25	20.7
40	256QAM	50	25	20.41	20.34	20.32	20.7



Channel				501204	518598	535998	Tune-up
Frequency (MHz)				2506.02	2592.99	2679.99	limit (dBm)
20	PI/2 BPSK	25	12	20.25	20.31	20.25	20.7
20	QPSK	25	12	20.35	20.41	20.38	20.7
20	16QAM	25	12	20.27	20.33	20.33	20.7
20	64QAM	25	12	20.33	20.29	20.27	20.7
20	256QAM	25	12	20.29	20.34	20.29	20.7

Antenna 3_Hotspot

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	135	67	18.84	18.80	18.81	19.20
100	16QAM	135	67	18.77	18.84	18.83	19.20
100	64QAM	135	67	18.81	18.78	18.72	19.20
100	256QAM	135	67	18.83	18.78	18.75	19.20

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	18.65	18.70	18.63	19.2
100	PI/2 BPSK	2	271	19.03	19.09	19.09	
100	PI/2 BPSK	1	0	18.73	18.74	18.69	
100	PI/2 BPSK	1	272	19.02	19.09	18.97	
100	PI/2 BPSK	270	0	19.09	19.11	19.04	19.2
100	PI/2 BPSK	135	67	18.81	18.77	18.78	19.2
100	PI/2 BPSK	1	1	18.79	18.74	18.84	
100	PI/2 BPSK	1	271	19.12	19.10	19.08	
100	QPSK	2	0	18.71	19.08	18.70	19.2
100	QPSK	2	271	18.70	18.79	18.81	
100	QPSK	1	0	18.70	19.05	18.81	
100	QPSK	1	272	18.72	18.74	18.77	
100	QPSK	270	0	18.82	18.90	18.96	19.2
100	QPSK	135	67	18.96	19.09	19.17	19.2
100	QPSK	1	1	19.13	19.01	19.16	
100	QPSK	1	271	19.18	18.73	18.74	

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	16QAM	2	0	18.52	18.56	18.59	19.2
100	16QAM	2	271	19.01	18.98	19.04	
100	16QAM	1	0	18.89	18.94	18.89	
100	16QAM	1	272	18.76	18.79	18.73	
100	16QAM	270	0	19.04	19.10	19.04	19.2
100	16QAM	135	67	18.82	18.85	18.87	19.2
100	16QAM	1	1	19.01	18.95	18.89	
100	16QAM	1	271	18.79	18.84	18.88	
100	64QAM	2	0	18.40	18.47	18.54	19.2
100	64QAM	2	271	18.89	18.88	18.83	
100	64QAM	1	0	18.27	18.25	18.27	
100	64QAM	1	272	18.68	18.62	18.58	
100	64QAM	270	0	19.00	19.06	19.00	19.2
100	64QAM	135	67	18.90	18.89	18.92	19.2
100	64QAM	1	1	18.77	18.76	18.82	
100	64QAM	1	271	19.09	19.07	19.06	
100	256QAM	2	0	18.75	18.75	18.72	19.2
100	256QAM	2	271	19.10	19.10	19.15	
100	256QAM	1	0	18.55	18.50	18.45	
100	256QAM	1	272	18.94	18.87	18.88	
100	256QAM	270	0	18.63	18.60	18.59	19.2
100	256QAM	135	67	18.83	18.88	18.91	19.2
100	256QAM	1	1	18.57	18.51	18.45	
100	256QAM	1	271	18.88	18.94	18.92	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	18.61	18.63	18.60	19.2
90	QPSK	120	60	18.54	18.57	18.51	19.2
90	16QAM	120	60	18.62	18.65	18.68	19.2
90	64QAM	120	60	18.57	18.61	18.66	19.2
90	256QAM	120	60	18.67	18.69	18.62	19.2

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	18.58	18.64	18.58	19.2
80	QPSK	108	54	18.59	18.60	18.60	19.2
80	16QAM	108	54	18.72	18.66	18.59	19.2
80	64QAM	108	54	18.55	18.62	18.65	19.2
80	256QAM	108	54	18.66	18.60	18.56	19.2
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	18.67	18.63	18.61	19.2
60	QPSK	81	40	18.49	18.51	18.47	19.2
60	16QAM	81	40	18.60	18.67	18.63	19.2
60	64QAM	81	40	18.61	18.60	18.61	19.2
60	256QAM	81	40	18.76	18.69	18.69	19.2
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	18.64	18.61	18.56	19.2
50	QPSK	64	32	18.62	18.56	18.59	19.2
50	16QAM	64	32	18.67	18.68	18.75	19.2
50	64QAM	64	32	18.64	18.64	18.60	19.2
50	256QAM	64	32	18.64	18.67	18.68	19.2
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	18.60	18.63	18.62	19.2
40	QPSK	50	25	18.67	18.65	18.60	19.2
40	16QAM	50	25	18.68	18.67	18.74	19.2
40	64QAM	50	25	18.59	18.63	18.67	19.2
40	256QAM	50	25	18.63	18.68	18.62	19.2



Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	25	12	18.64	18.60	18.58	19.2
20	QPSK	25	12	18.56	18.50	18.48	19.2
20	16QAM	25	12	18.55	18.60	18.55	19.2
20	64QAM	25	12	18.57	18.60	18.53	19.2
20	256QAM	25	12	18.58	18.64	18.60	19.2

Antenna 4_Receiver on

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	135	67	16.39	16.42	16.36	16.70
100	16QAM	135	67	16.46	16.43	16.45	16.70
100	64QAM	135	67	16.36	16.42	16.42	16.70
100	256QAM	135	67	16.40	16.44	16.41	16.70

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	16.29	16.35	16.28	16.7
100	PI/2 BPSK	2	271	16.13	16.18	16.23	
100	PI/2 BPSK	1	0	16.32	16.36	16.31	
100	PI/2 BPSK	1	272	16.25	16.20	16.22	
100	PI/2 BPSK	270	0	16.32	16.34	16.36	16.7
100	PI/2 BPSK	135	67	16.55	16.51	16.56	16.7
100	PI/2 BPSK	1	1	16.35	16.38	16.31	
100	PI/2 BPSK	1	271	16.21	16.18	16.18	
100	QPSK	2	0	16.35	16.65	16.60	16.7
100	QPSK	2	271	16.11	16.11	16.21	
100	QPSK	1	0	16.36	16.64	16.65	
100	QPSK	1	272	16.12	16.11	16.20	
100	QPSK	270	0	16.24	16.18	16.14	16.7
100	QPSK	135	67	16.36	16.30	16.28	16.7
100	QPSK	1	1	16.35	16.48	16.62	
100	QPSK	1	271	16.65	16.63	16.23	

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	16QAM	2	0	16.37	16.35	16.28	16.7
100	16QAM	2	271	16.20	16.18	16.21	
100	16QAM	1	0	16.20	16.14	16.10	
100	16QAM	1	272	16.02	15.97	16.02	
100	16QAM	270	0	16.27	16.29	16.35	16.7
100	16QAM	135	67	16.52	16.48	16.54	16.7
100	16QAM	1	1	16.11	16.14	16.16	
100	16QAM	1	271	15.95	15.95	15.98	
100	64QAM	2	0	16.52	16.55	16.61	16.7
100	64QAM	2	271	16.39	16.38	16.33	
100	64QAM	1	0	16.21	16.18	16.21	
100	64QAM	1	272	16.04	16.03	16.05	
100	64QAM	270	0	16.32	16.32	16.36	16.7
100	64QAM	135	67	16.52	16.49	16.50	16.7
100	64QAM	1	1	16.20	16.18	16.25	
100	64QAM	1	271	16.04	16.00	16.05	
100	256QAM	2	0	16.32	16.30	16.33	16.7
100	256QAM	2	271	16.18	16.12	16.08	
100	256QAM	1	0	16.25	16.29	16.32	
100	256QAM	1	272	16.05	16.12	16.14	
100	256QAM	270	0	16.34	16.35	16.41	16.7
100	256QAM	135	67	16.48	16.50	16.53	16.7
100	256QAM	1	1	16.24	16.28	16.29	
100	256QAM	1	271	16.16	16.12	16.13	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	16.52	16.50	16.56	16.7
90	QPSK	120	60	16.55	16.52	16.49	16.7
90	16QAM	120	60	16.51	16.50	16.56	16.7
90	64QAM	120	60	16.56	16.53	16.55	16.7
90	256QAM	120	60	16.41	16.48	16.42	16.7

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	16.54	16.49	16.47	16.7
80	QPSK	108	54	16.44	16.48	16.50	16.7
80	16QAM	108	54	16.47	16.48	16.49	16.7
80	64QAM	108	54	16.50	16.49	16.48	16.7
80	256QAM	108	54	16.39	16.46	16.53	16.7
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	16.73	16.68	16.73	16.7
60	QPSK	81	40	16.65	16.66	16.65	16.7
60	16QAM	81	40	16.68	16.68	16.65	16.7
60	64QAM	81	40	16.68	16.62	16.55	16.7
60	256QAM	81	40	16.66	16.65	16.69	16.7
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	16.42	16.36	16.32	16.7
50	QPSK	64	32	16.38	16.34	16.39	16.7
50	16QAM	64	32	16.34	16.32	16.39	16.7
50	64QAM	64	32	16.33	16.34	16.28	16.7
50	256QAM	64	32	16.26	16.32	16.31	16.7
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	16.27	16.27	16.32	16.7
40	QPSK	50	25	16.20	16.25	16.26	16.7
40	16QAM	50	25	16.29	16.25	16.26	16.7
40	64QAM	50	25	16.20	16.24	16.26	16.7
40	256QAM	50	25	16.32	16.25	16.22	16.7



Channel				501204	518598	535998	Tune-up
Frequency (MHz)				2506.02	2592.99	2679.99	limit (dBm)
20	PI/2 BPSK	25	12	16.10	16.05	16.06	16.7
20	QPSK	25	12	15.99	16.06	16.08	16.7
20	16QAM	25	12	16.13	16.08	16.04	16.7
20	64QAM	25	12	16.00	16.01	16.05	16.7
20	256QAM	25	12	16.03	16.09	16.02	16.7

Antenna 4_ Receiver off

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	135	67	20.57	20.61	20.54	20.70
100	16QAM	135	67	20.08	20.12	20.06	20.20
100	64QAM	135	67	18.58	18.53	18.53	18.70
100	256QAM	135	67	15.20	15.23	15.20	15.70

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	20.22	20.16	20.15	21.7
100	PI/2 BPSK	2	271	20.26	20.23	20.29	
100	PI/2 BPSK	1	0	20.18	20.17	20.18	
100	PI/2 BPSK	1	272	20.28	20.22	20.27	
100	PI/2 BPSK	270	0	20.45	20.46	20.48	21.7
100	PI/2 BPSK	135	67	20.97	20.99	20.91	22.2
100	PI/2 BPSK	1	1	20.29	20.04	20.08	
100	PI/2 BPSK	1	271	20.05	19.96	19.96	
100	QPSK	2	0	20.87	20.59	20.69	21.2
100	QPSK	2	271	20.72	20.82	20.74	
100	QPSK	1	0	20.86	20.58	20.73	
100	QPSK	1	272	20.75	20.82	20.77	
100	QPSK	270	0	20.89	20.95	21.01	21.2
100	QPSK	135	67	21.45	21.42	21.35	22.2
100	QPSK	1	1	20.75	20.52	20.50	
100	QPSK	1	271	20.51	20.41	20.30	

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	16QAM	2	0	20.23	20.16	20.17	20.2
100	16QAM	2	271	19.64	19.71	19.73	
100	16QAM	1	0	19.88	19.91	19.97	
100	16QAM	1	272	20.03	19.97	20.01	
100	16QAM	270	0	19.95	19.92	19.85	20.2
100	16QAM	135	67	20.18	20.15	20.11	21.2
100	16QAM	1	1	19.94	19.92	19.90	
100	16QAM	1	271	20.01	19.99	19.93	
100	64QAM	2	0	19.28	19.35	19.37	19.7
100	64QAM	2	271	19.44	19.42	19.38	
100	64QAM	1	0	19.38	19.45	19.38	
100	64QAM	1	272	19.53	19.48	19.47	
100	64QAM	270	0	19.35	19.40	19.45	19.7
100	64QAM	135	67	19.58	19.61	19.61	19.7
100	64QAM	1	1	19.43	19.46	19.46	
100	64QAM	1	271	19.56	19.51	19.45	
100	256QAM	2	0	17.61	17.55	17.62	17.7
100	256QAM	2	271	17.65	17.62	17.62	
100	256QAM	1	0	17.50	17.52	17.47	
100	256QAM	1	272	17.61	17.56	17.57	
100	256QAM	270	0	17.31	17.35	17.36	17.7
100	256QAM	135	67	17.50	17.55	17.61	17.7
100	256QAM	1	1	17.98	18.03	17.97	
100	256QAM	1	271	18.10	18.07	18.11	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	21.10	21.16	21.15	22.2
90	QPSK	120	60	21.24	21.18	21.19	22.2
90	16QAM	120	60	21.14	21.12	21.19	21.2
90	64QAM	120	60	19.66	19.66	19.69	19.7
90	256QAM	120	60	17.60	17.53	17.58	17.7

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	21.13	21.14	21.10	22.2
80	QPSK	108	54	21.19	21.16	21.20	22.2
80	16QAM	108	54	21.16	21.12	21.05	21.2
80	64QAM	108	54	19.58	19.62	19.61	19.7
80	256QAM	108	54	17.49	17.49	17.53	17.7
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	21.03	21.06	21.08	22.2
60	QPSK	81	40	21.04	21.08	21.07	22.2
60	16QAM	81	40	21.03	20.98	20.93	21.2
60	64QAM	81	40	19.51	19.48	19.53	19.7
60	256QAM	81	40	17.41	17.40	17.34	17.7
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	21.30	21.32	21.34	22.2
50	QPSK	64	32	21.32	21.31	21.26	22.2
50	16QAM	64	32	20.84	20.87	20.83	21.2
50	64QAM	64	32	19.32	19.38	19.34	19.7
50	256QAM	64	32	17.27	17.28	17.22	17.7
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	21.35	21.29	21.28	22.2
40	QPSK	50	25	21.32	21.31	21.26	22.2
40	16QAM	50	25	20.81	20.78	20.76	21.2
40	64QAM	50	25	19.20	19.24	19.23	19.7
40	256QAM	50	25	17.68	17.68	17.68	17.7



Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	25	12	21.27	21.27	21.23	22.2
20	QPSK	25	12	21.31	21.33	21.37	22.2
20	16QAM	25	12	20.86	20.79	20.76	21.2
20	64QAM	25	12	19.25	19.21	19.26	19.7
20	256QAM	25	12	17.67	17.64	17.62	17.7

Antenna 4_Hotspot

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	135	67	20.14	20.10	20.11	20.70
100	16QAM	135	67	20.10	20.09	20.10	20.70
100	64QAM	135	67	20.03	20.08	20.03	20.70
100	256QAM	135	67	20.11	20.07	20.04	20.70

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	20.14	20.17	20.11	20.7
100	PI/2 BPSK	2	271	20.24	20.22	20.15	
100	PI/2 BPSK	1	0	20.10	20.15	20.15	
100	PI/2 BPSK	1	272	20.19	20.18	20.18	
100	PI/2 BPSK	270	0	19.92	19.92	19.93	20.7
100	PI/2 BPSK	135	67	20.12	20.11	20.17	20.7
100	PI/2 BPSK	1	1	20.17	20.15	20.14	
100	PI/2 BPSK	1	271	20.21	20.20	20.24	
100	QPSK	2	0	20.35	20.49	20.47	20.7
100	QPSK	2	271	20.19	20.25	20.19	
100	QPSK	1	0	20.35	20.51	20.16	
100	QPSK	1	272	20.21	20.26	20.20	
100	QPSK	270	0	20.35	20.41	20.45	20.7
100	QPSK	135	67	20.64	20.63	20.61	20.7
100	QPSK	1	1	20.23	20.48	20.51	
100	QPSK	1	271	20.66	20.39	20.29	

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	16QAM	2	0	20.09	20.16	20.13	20.7
100	16QAM	2	271	20.16	20.21	20.28	
100	16QAM	1	0	19.86	19.91	19.90	
100	16QAM	1	272	19.91	19.98	19.91	
100	16QAM	270	0	20.44	20.44	20.50	20.7
100	16QAM	135	67	20.19	20.13	20.10	20.7
100	16QAM	1	1	19.93	19.92	19.97	
100	16QAM	1	271	19.93	19.99	20.04	
100	64QAM	2	0	20.39	20.37	20.36	20.7
100	64QAM	2	271	20.45	20.43	20.40	
100	64QAM	1	0	19.92	19.96	19.92	
100	64QAM	1	272	19.95	20.02	19.99	
100	64QAM	270	0	19.84	19.91	19.87	20.7
100	64QAM	135	67	20.13	20.11	20.15	20.7
100	64QAM	1	1	19.96	19.99	20.02	
100	64QAM	1	271	20.06	20.03	20.10	
100	256QAM	2	0	20.18	20.12	20.19	20.7
100	256QAM	2	271	20.16	20.16	20.09	
100	256QAM	1	0	20.05	20.05	19.98	
100	256QAM	1	272	20.06	20.08	20.15	
100	256QAM	270	0	19.98	19.95	19.98	20.7
100	256QAM	135	67	20.07	20.14	20.10	20.7
100	256QAM	1	1	20.02	20.05	19.99	
100	256QAM	1	271	20.06	20.09	20.13	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	20.05	20.12	20.12	20.7
90	QPSK	120	60	20.19	20.15	20.09	20.7
90	16QAM	120	60	20.08	20.11	20.17	20.7
90	64QAM	120	60	20.19	20.12	20.06	20.7
90	256QAM	120	60	20.01	20.08	20.04	20.7

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	20.08	20.12	20.19	20.7
80	QPSK	108	54	20.07	20.12	20.10	20.7
80	16QAM	108	54	20.10	20.08	20.07	20.7
80	64QAM	108	54	20.13	20.09	20.11	20.7
80	256QAM	108	54	20.42	20.35	20.36	20.4
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	20.01	20.01	19.99	20.7
60	QPSK	81	40	19.99	20.04	20.03	20.7
60	16QAM	81	40	19.99	20.00	19.97	20.7
60	64QAM	81	40	20.01	19.95	19.93	20.7
60	256QAM	81	40	19.96	19.98	20.02	20.7
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	20.30	20.34	20.37	20.7
50	QPSK	64	32	20.34	20.35	20.36	20.7
50	16QAM	64	32	20.38	20.33	20.28	20.7
50	64QAM	64	32	20.31	20.36	20.40	20.7
50	256QAM	64	32	20.33	20.37	20.38	20.7
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	20.39	20.36	20.37	20.7
40	QPSK	50	25	20.28	20.34	20.39	20.7
40	16QAM	50	25	20.34	20.31	20.27	20.7
40	64QAM	50	25	20.32	20.34	20.35	20.7
40	256QAM	50	25	20.39	20.34	20.33	20.7



Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	25	12	20.35	20.32	20.35	20.7
20	QPSK	25	12	20.38	20.37	20.34	20.7
20	16QAM	25	12	20.39	20.35	20.36	20.7
20	64QAM	25	12	20.32	20.38	20.43	20.7
20	256QAM	25	12	20.35	20.37	20.33	20.7

Antenna 4_Simultaneous with BT/WiFi/LTE_Receiver on

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	135	67	14.71	14.66	14.86	15.20
100	16QAM	135	67	14.88	14.65	14.85	15.20
100	64QAM	135	67	14.78	14.61	14.87	15.20
100	256QAM	135	67	14.75	14.67	14.61	15.20

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	14.86	14.84	14.61	15.2
100	PI/2 BPSK	2	271	14.74	14.89	14.60	
100	PI/2 BPSK	1	0	14.79	14.76	14.90	
100	PI/2 BPSK	1	272	14.61	14.77	14.78	
100	PI/2 BPSK	270	0	14.87	14.74	14.69	15.2
100	PI/2 BPSK	135	67	14.62	14.74	14.67	15.2
100	PI/2 BPSK	1	1	14.72	14.90	14.75	
100	PI/2 BPSK	1	271	14.52	14.51	14.79	
100	QPSK	2	0	14.72	14.83	14.81	15.2
100	QPSK	2	271	14.85	14.86	14.88	
100	QPSK	1	0	14.84	14.85	14.90	
100	QPSK	1	272	14.92	14.90	14.87	
100	QPSK	270	0	14.92	14.90	14.91	15.2
100	QPSK	135	67	14.89	14.91	14.90	15.2
100	QPSK	1	1	14.91	14.86	14.89	
100	QPSK	1	271	14.95	14.92	14.89	

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	16QAM	2	0	14.55	14.70	14.63	15.2
100	16QAM	2	271	14.74	14.76	14.86	
100	16QAM	1	0	14.71	14.68	14.78	
100	16QAM	1	272	14.72	14.66	14.74	
100	16QAM	270	0	14.53	14.62	14.90	15.2
100	16QAM	135	67	14.78	14.54	14.51	15.2
100	16QAM	1	1	14.54	14.76	14.51	
100	16QAM	1	271	14.74	14.54	14.51	
100	64QAM	2	0	14.76	14.71	14.68	15.2
100	64QAM	2	271	14.70	14.89	14.63	
100	64QAM	1	0	14.69	14.55	14.67	
100	64QAM	1	272	14.79	14.90	14.58	
100	64QAM	270	0	14.70	14.71	14.61	15.2
100	64QAM	135	67	14.70	14.83	14.82	15.2
100	64QAM	1	1	14.72	14.55	14.51	
100	64QAM	1	271	14.73	14.58	14.64	
100	256QAM	2	0	14.73	14.66	14.74	15.2
100	256QAM	2	271	14.69	14.78	14.77	
100	256QAM	1	0	14.83	14.61	14.72	
100	256QAM	1	272	14.58	14.64	14.61	
100	256QAM	270	0	14.84	14.88	14.69	15.2
100	256QAM	135	67	14.80	14.90	14.86	15.2
100	256QAM	1	1	14.82	14.72	14.86	
100	256QAM	1	271	14.86	14.70	14.76	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	14.70	14.60	14.68	15.2
90	QPSK	120	60	14.79	14.59	14.79	15.2
90	16QAM	120	60	14.74	14.71	14.86	15.2
90	64QAM	120	60	14.73	14.72	14.67	15.2
90	256QAM	120	60	14.85	14.75	14.85	15.2

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	14.84	14.56	14.67	15.2
80	QPSK	108	54	14.74	14.74	14.85	15.2
80	16QAM	108	54	14.58	14.88	14.60	15.2
80	64QAM	108	54	14.55	14.65	14.56	15.2
80	256QAM	108	54	14.72	14.50	14.57	15.2
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	14.88	14.77	14.61	15.2
60	QPSK	81	40	14.87	14.75	14.86	15.2
60	16QAM	81	40	14.77	14.59	14.56	15.2
60	64QAM	81	40	14.80	14.51	14.56	15.2
60	256QAM	81	40	14.73	14.70	14.84	15.2
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	14.70	14.55	14.88	15.2
50	QPSK	64	32	14.75	14.54	14.55	15.2
50	16QAM	64	32	14.90	14.76	14.83	15.2
50	64QAM	64	32	14.88	14.56	14.60	15.2
50	256QAM	64	32	14.61	14.90	14.90	15.2
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	14.88	14.88	14.77	15.2
40	QPSK	50	25	14.57	14.86	14.50	15.2
40	16QAM	50	25	14.79	14.70	14.87	15.2
40	64QAM	50	25	14.57	14.51	14.75	15.2
40	256QAM	50	25	14.90	14.73	14.74	15.2



Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	25	12	14.84	14.52	14.87	15.2
20	QPSK	25	12	14.66	14.54	14.84	15.2
20	16QAM	25	12	14.86	14.50	14.73	15.2
20	64QAM	25	12	14.55	14.69	14.85	15.2
20	256QAM	25	12	14.63	14.69	14.71	15.2

Antenna 4_Simultaneous with BT/WiFi/LTE_Receiver off & hotspot

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	135	67	18.28	18.24	18.25	18.70
100	16QAM	135	67	18.21	18.35	18.37	18.70
100	64QAM	135	67	18.31	18.15	18.16	18.70
100	256QAM	135	67	18.33	18.13	18.42	18.70

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	18.31	18.12	18.42	18.7
100	PI/2 BPSK	2	271	18.22	18.19	18.40	
100	PI/2 BPSK	1	0	18.17	18.16	18.21	
100	PI/2 BPSK	1	272	18.40	18.25	18.27	
100	PI/2 BPSK	270	0	18.28	18.20	18.43	18.7
100	PI/2 BPSK	135	67	18.43	18.39	18.24	18.7
100	PI/2 BPSK	1	1	18.24	18.18	18.26	
100	PI/2 BPSK	1	271	18.34	18.27	18.22	
100	QPSK	2	0	18.27	18.40	18.41	18.7
100	QPSK	2	271	18.42	18.42	18.46	
100	QPSK	1	0	18.27	18.49	18.43	
100	QPSK	1	272	18.35	18.42	18.33	
100	QPSK	270	0	18.21	18.21	18.22	18.7
100	QPSK	135	67	18.52	18.43	18.45	18.7
100	QPSK	1	1	18.27	18.50	18.50	
100	QPSK	1	271	18.53	18.52	18.51	

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	16QAM	2	0	18.42	18.40	18.40	18.7
100	16QAM	2	271	18.22	18.36	18.20	
100	16QAM	1	0	18.29	18.31	18.39	
100	16QAM	1	272	18.20	18.15	18.34	
100	16QAM	270	0	18.17	18.19	18.40	18.7
100	16QAM	135	67	18.17	18.16	18.41	18.7
100	16QAM	1	1	18.39	18.22	18.19	
100	16QAM	1	271	18.39	18.15	18.13	
100	64QAM	2	0	18.23	18.23	18.22	18.7
100	64QAM	2	271	18.32	18.22	18.20	
100	64QAM	1	0	18.35	18.39	18.12	
100	64QAM	1	272	18.20	18.41	18.14	
100	64QAM	270	0	18.42	18.37	18.22	18.7
100	64QAM	135	67	18.13	18.37	18.34	18.7
100	64QAM	1	1	18.17	18.16	18.23	
100	64QAM	1	271	18.40	18.19	18.31	
100	256QAM	2	0	18.30	18.27	18.34	18.7
100	256QAM	2	271	18.19	18.27	18.43	
100	256QAM	1	0	18.17	18.24	18.30	
100	256QAM	1	272	18.42	18.43	18.34	
100	256QAM	270	0	18.42	18.33	18.17	18.7
100	256QAM	135	67	18.20	18.19	18.31	18.7
100	256QAM	1	1	18.27	18.33	18.12	
100	256QAM	1	271	18.38	18.34	18.12	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	18.14	18.38	18.41	18.7
90	QPSK	120	60	18.35	18.13	18.22	18.7
90	16QAM	120	60	18.19	18.40	18.34	18.7
90	64QAM	120	60	18.38	18.37	18.29	18.7
90	256QAM	120	60	18.28	18.31	18.30	18.7

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	18.27	18.40	18.20	18.7
80	QPSK	108	54	18.24	18.25	18.15	18.7
80	16QAM	108	54	18.37	18.40	18.42	18.7
80	64QAM	108	54	18.20	18.25	18.33	18.7
80	256QAM	108	54	18.42	18.43	18.18	18.7
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	18.16	18.30	18.11	18.7
60	QPSK	81	40	18.36	18.23	18.19	18.7
60	16QAM	81	40	18.32	18.37	18.15	18.7
60	64QAM	81	40	18.35	18.42	18.35	18.7
60	256QAM	81	40	18.40	18.40	18.19	18.7
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	18.34	18.20	18.25	18.7
50	QPSK	64	32	18.38	18.25	18.41	18.7
50	16QAM	64	32	18.34	18.41	18.18	18.7
50	64QAM	64	32	18.30	18.30	18.27	18.7
50	256QAM	64	32	18.18	18.23	18.25	18.7
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	18.37	18.29	18.39	18.7
40	QPSK	50	25	18.21	18.33	18.23	18.7
40	16QAM	50	25	18.30	18.19	18.32	18.7
40	64QAM	50	25	18.11	18.11	18.32	18.7
40	256QAM	50	25	18.26	18.28	18.31	18.7



Channel				501204	518598	535998	Tune-up
Frequency (MHz)				2506.02	2592.99	2679.99	limit (dBm)
20	PI/2 BPSK	25	12	18.39	18.36	18.38	18.7
20	QPSK	25	12	18.37	18.24	18.13	18.7
20	16QAM	25	12	18.26	18.15	18.15	18.7
20	64QAM	25	12	18.31	18.11	18.39	18.7
20	256QAM	25	12	18.16	18.38	18.35	18.7

Antenna 5 Receiver on

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	135	67	17.27	17.26	17.22	17.50
100	16QAM	135	67	17.16	17.23	17.20	17.50
100	64QAM	135	67	17.25	17.25	17.22	17.50
100	256QAM	135	67	17.28	17.27	17.30	17.50

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	16.93	16.90	16.92	17.5
100	PI/2 BPSK	2	271	17.11	17.04	17.05	
100	PI/2 BPSK	1	0	16.91	16.98	16.97	
100	PI/2 BPSK	1	272	17.06	17.08	17.12	
100	PI/2 BPSK	270	0	17.16	17.22	17.25	17.5
100	PI/2 BPSK	135	67	17.14	17.20	17.15	17.5
100	PI/2 BPSK	1	1	16.96	16.99	16.98	
100	PI/2 BPSK	1	271	17.03	17.06	17.00	
100	QPSK	2	0	17.07	17.41	17.47	17.5
100	QPSK	2	271	16.98	17.03	17.05	
100	QPSK	1	0	17.03	17.37	17.00	
100	QPSK	1	272	17.00	17.01	17.02	
100	QPSK	270	0	17.39	17.20	17.23	17.5
100	QPSK	135	67	17.04	17.38	17.48	17.5
100	QPSK	1	1	17.03	17.38	16.99	
100	QPSK	1	271	17.00	17.02	17.02	

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	16QAM	2	0	16.83	16.90	16.84	17.5
100	16QAM	2	271	17.01	17.04	17.04	
100	16QAM	1	0	16.77	16.75	16.74	
100	16QAM	1	272	16.78	16.84	16.85	
100	16QAM	270	0	17.16	17.23	17.25	17.5
100	16QAM	135	67	17.36	17.32	17.28	17.5
100	16QAM	1	1	16.68	16.72	16.76	
100	16QAM	1	271	16.85	16.85	16.90	
100	64QAM	2	0	17.16	17.11	17.13	17.5
100	64QAM	2	271	17.26	17.26	17.29	
100	64QAM	1	0	16.74	16.80	16.73	
100	64QAM	1	272	16.92	16.90	16.94	
100	64QAM	270	0	17.26	17.22	17.21	17.5
100	64QAM	135	67	17.25	17.30	17.28	17.5
100	64QAM	1	1	16.70	16.77	16.72	
100	64QAM	1	271	16.86	16.90	16.96	
100	256QAM	2	0	16.91	16.88	16.92	17.5
100	256QAM	2	271	17.08	17.01	17.04	
100	256QAM	1	0	17.33	17.35	17.37	
100	256QAM	1	272	17.34	17.32	17.38	
100	256QAM	270	0	17.28	17.26	17.23	17.5
100	256QAM	135	67	17.35	17.30	17.34	17.5
100	256QAM	1	1	16.88	16.83	16.89	
100	256QAM	1	271	16.91	16.96	17.02	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	17.02	17.04	17.06	17.5
90	QPSK	120	60	17.11	17.06	17.08	17.5
90	16QAM	120	60	17.08	17.06	17.02	17.5
90	64QAM	120	60	17.02	17.09	17.03	17.5
90	256QAM	120	60	17.06	17.04	17.07	17.5

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	17.01	17.05	17.07	17.5
80	QPSK	108	54	17.08	17.05	17.07	17.5
80	16QAM	108	54	17.00	17.04	17.06	17.5
80	64QAM	108	54	17.09	17.09	17.08	17.5
80	256QAM	108	54	17.05	17.04	17.07	17.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	16.97	17.03	17.01	17.5
60	QPSK	81	40	17.09	17.04	17.09	17.5
60	16QAM	81	40	17.08	17.06	17.03	17.5
60	64QAM	81	40	17.02	17.08	17.01	17.5
60	256QAM	81	40	17.09	17.04	17.05	17.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	17.10	17.05	16.99	17.5
50	QPSK	64	32	17.00	17.07	17.06	17.5
50	16QAM	64	32	17.01	17.08	17.15	17.5
50	64QAM	64	32	17.04	17.09	17.15	17.5
50	256QAM	64	32	17.04	17.04	17.06	17.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	17.08	17.02	17.06	17.5
40	QPSK	50	25	17.07	17.02	17.07	17.5
40	16QAM	50	25	17.05	17.03	16.98	17.5
40	64QAM	50	25	17.09	17.05	17.03	17.5
40	256QAM	50	25	17.05	17.03	17.08	17.5



Channel				501204	518598	535998	Tune-up
Frequency (MHz)				2506.02	2592.99	2679.99	limit (dBm)
20	PI/2 BPSK	25	12	16.95	17.01	17.00	17.5
20	QPSK	25	12	16.98	17.04	17.02	17.5
20	16QAM	25	12	17.06	17.06	17.10	17.5
20	64QAM	25	12	17.09	17.09	17.16	17.5
20	256QAM	25	12	17.03	17.04	17.01	17.5

Antenna 5 Receiver off

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	135	67	20.57	20.58	20.62	21.00
100	16QAM	135	67	20.46	20.53	20.46	21.00
100	64QAM	135	67	20.56	20.60	20.53	21.00
100	256QAM	135	67	20.58	20.59	20.56	21.00

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	20.03	20.00	19.97	21.0
100	PI/2 BPSK	2	271	20.15	20.13	20.09	
100	PI/2 BPSK	1	0	19.94	19.99	19.94	
100	PI/2 BPSK	1	272	20.19	20.13	20.14	21.0
100	PI/2 BPSK	270	0	20.73	20.80	20.86	
100	PI/2 BPSK	135	67	20.84	20.80	20.74	
100	PI/2 BPSK	1	1	20.04	20.01	19.94	21.0
100	PI/2 BPSK	1	271	20.08	20.10	20.07	
100	QPSK	2	0	20.65	20.51	20.56	
100	QPSK	2	271	20.57	20.62	20.62	21.0
100	QPSK	1	0	20.63	20.87	20.55	
100	QPSK	1	272	20.57	20.59	20.57	
100	QPSK	270	0	20.73	20.80	20.82	21.0
100	QPSK	135	67	20.91	20.50	20.51	21.0
100	QPSK	1	1	20.62	20.95	20.57	
100	QPSK	1	271	20.58	20.57	20.60	

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	16QAM	2	0	20.48	20.44	20.40	21.0
100	16QAM	2	271	20.52	20.55	20.49	
100	16QAM	1	0	20.64	20.70	20.77	
100	16QAM	1	272	20.40	20.34	20.37	
100	16QAM	270	0	20.60	20.60	20.53	21.0
100	16QAM	135	67	20.60	20.60	20.63	21.0
100	16QAM	1	1	20.30	20.27	20.28	
100	16QAM	1	271	20.35	20.40	20.33	
100	64QAM	2	0	20.35	20.33	20.36	21.0
100	64QAM	2	271	20.53	20.46	20.45	
100	64QAM	1	0	20.24	20.21	20.17	
100	64QAM	1	272	20.14	20.20	20.20	
100	64QAM	270	0	20.76	20.70	20.76	21.0
100	64QAM	135	67	20.77	20.80	20.82	21.0
100	64QAM	1	1	20.16	20.09	20.03	
100	64QAM	1	271	20.25	20.23	20.30	
100	256QAM	2	0	20.00	20.06	20.00	21.0
100	256QAM	2	271	20.51	20.46	20.46	
100	256QAM	1	0	20.30	20.25	20.32	
100	256QAM	1	272	20.19	20.20	20.24	
100	256QAM	270	0	20.70	20.72	20.74	21.0
100	256QAM	135	67	20.80	20.81	20.81	21.0
100	256QAM	1	1	20.55	20.50	20.49	
100	256QAM	1	271	20.64	20.60	20.59	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	20.52	20.52	20.49	21.0
90	QPSK	120	60	20.30	20.28	20.27	21.0
90	16QAM	120	60	20.35	20.29	20.27	21.0
90	64QAM	120	60	20.36	20.35	20.33	21.0
90	256QAM	120	60	20.34	20.29	20.27	21.0

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	20.61	20.54	20.51	21.0
80	QPSK	108	54	20.30	20.29	20.30	21.0
80	16QAM	108	54	20.25	20.31	20.34	21.0
80	64QAM	108	54	20.39	20.35	20.38	21.0
80	256QAM	108	54	20.39	20.32	20.35	21.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	20.63	20.57	20.50	21.0
60	QPSK	81	40	20.36	20.32	20.27	21.0
60	16QAM	81	40	20.45	20.40	20.43	21.0
60	64QAM	81	40	20.40	20.38	20.42	21.0
60	256QAM	81	40	20.25	20.28	20.25	21.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	20.48	20.54	20.57	21.0
50	QPSK	64	32	20.34	20.28	20.28	21.0
50	16QAM	64	32	20.21	20.25	20.32	21.0
50	64QAM	64	32	20.23	20.30	20.28	21.0
50	256QAM	64	32	20.25	20.28	20.35	21.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	20.64	20.58	20.60	21.0
40	QPSK	50	25	20.33	20.29	20.31	21.0
40	16QAM	50	25	20.42	20.35	20.42	21.0
40	64QAM	50	25	20.43	20.39	20.41	21.0
40	256QAM	50	25	20.30	20.37	20.32	21.0



Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	25	12	20.59	20.55	20.59	21.0
20	QPSK	25	12	20.22	20.27	20.20	21.0
20	16QAM	25	12	20.27	20.25	20.22	21.0
20	64QAM	25	12	20.24	20.30	20.25	21.0
20	256QAM	25	12	20.24	20.29	20.24	21.0

Antenna 5_Hotspot

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	135	67	19.23	19.30	19.30	19.50
100	16QAM	135	67	19.30	19.25	19.25	19.50
100	64QAM	135	67	19.24	19.29	19.27	19.50
100	256QAM	135	67	19.38	19.31	19.30	19.50

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	19.00	18.99	19.00	19.5
100	PI/2 BPSK	2	271	19.14	19.10	19.06	
100	PI/2 BPSK	1	0	19.04	18.97	18.98	
100	PI/2 BPSK	1	272	19.02	19.08	19.15	
100	PI/2 BPSK	270	0	19.33	19.35	19.30	19.5
100	PI/2 BPSK	135	67	19.33	19.35	19.38	19.5
100	PI/2 BPSK	1	1	18.98	18.99	19.06	
100	PI/2 BPSK	1	271	19.14	19.08	19.13	
100	QPSK	2	0	19.11	19.43	19.03	19.5
100	QPSK	2	271	19.02	19.09	19.10	
100	QPSK	1	0	19.11	19.42	19.04	
100	QPSK	1	272	19.04	19.05	19.07	
100	QPSK	270	0	19.22	19.27	19.28	19.5
100	QPSK	135	67	19.38	19.44	19.46	19.5
100	QPSK	1	1	19.13	19.44	19.03	
100	QPSK	1	271	19.03	19.06	19.05	

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	16QAM	2	0	18.85	18.87	18.89	19.5
100	16QAM	2	271	19.06	18.99	18.98	
100	16QAM	1	0	19.22	19.24	19.21	
100	16QAM	1	272	19.38	19.35	19.36	
100	16QAM	270	0	19.29	19.28	19.35	19.5
100	16QAM	135	67	19.39	19.40	19.41	19.5
100	16QAM	1	1	18.79	18.75	18.68	
100	16QAM	1	271	18.90	18.89	18.84	
100	64QAM	2	0	18.88	18.88	18.88	19.5
100	64QAM	2	271	18.92	18.86	18.80	
100	64QAM	1	0	19.04	18.98	19.00	
100	64QAM	1	272	18.96	19.01	19.04	
100	64QAM	270	0	19.29	19.30	19.30	19.5
100	64QAM	135	67	19.38	19.32	19.30	19.5
100	64QAM	1	1	18.69	18.70	18.65	
100	64QAM	1	271	18.91	18.88	18.88	
100	256QAM	2	0	18.52	18.53	18.53	19.5
100	256QAM	2	271	18.94	18.88	18.81	
100	256QAM	1	0	18.94	18.88	18.89	
100	256QAM	1	272	18.98	18.91	18.84	
100	256QAM	270	0	19.03	19.05	19.10	19.5
100	256QAM	135	67	19.31	19.34	19.31	19.5
100	256QAM	1	1	19.22	19.21	19.26	
100	256QAM	1	271	19.16	19.18	19.23	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	19.29	19.27	19.33	19.5
90	QPSK	120	60	19.28	19.30	19.35	19.5
90	16QAM	120	60	19.24	19.30	19.33	19.5
90	64QAM	120	60	19.32	19.32	19.34	19.5
90	256QAM	120	60	19.37	19.34	19.41	19.5

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	18.97	19.02	18.95	19.5
80	QPSK	108	54	19.07	19.04	18.97	19.5
80	16QAM	108	54	19.06	19.05	19.07	19.5
80	64QAM	108	54	19.11	19.08	19.05	19.5
80	256QAM	108	54	18.94	19.01	19.01	19.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	19.41	19.37	19.36	19.5
60	QPSK	81	40	19.40	19.34	19.29	19.5
60	16QAM	81	40	19.34	19.32	19.36	19.5
60	64QAM	81	40	19.03	19.03	19.05	19.5
60	256QAM	81	40	19.39	19.37	19.43	19.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	19.01	18.98	19.01	19.5
50	QPSK	64	32	19.09	19.02	18.97	19.5
50	16QAM	64	32	19.11	19.08	19.03	19.5
50	64QAM	64	32	19.14	19.07	19.04	19.5
50	256QAM	64	32	18.96	18.97	18.95	19.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	18.98	18.99	18.95	19.5
40	QPSK	50	25	18.94	19.00	19.04	19.5
40	16QAM	50	25	19.00	19.05	18.98	19.5
40	64QAM	50	25	19.01	19.07	19.08	19.5
40	256QAM	50	25	18.98	18.99	18.99	19.5



Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	25	12	18.96	18.98	18.91	19.5
20	QPSK	25	12	19.05	19.09	19.09	19.5
20	16QAM	25	12	19.08	19.08	19.03	19.5
20	64QAM	25	12	19.05	19.02	18.99	19.5
20	256QAM	25	12	18.99	18.98	18.96	19.5

Antenna 6_Receiver on

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	135	67	18.03	17.98	17.94	18.20
100	16QAM	135	67	17.92	17.98	18.02	18.20
100	64QAM	135	67	18.02	17.96	17.96	18.20
100	256QAM	135	67	17.94	17.97	17.94	18.20

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	17.78	17.72	17.69	18.2
100	PI/2 BPSK	2	271	17.54	17.52	17.50	
100	PI/2 BPSK	1	0	17.82	17.75	17.71	
100	PI/2 BPSK	1	272	17.50	17.51	17.49	
100	PI/2 BPSK	270	0	17.85	17.86	17.87	18.2
100	PI/2 BPSK	135	67	18.02	18.00	18.00	18.2
100	PI/2 BPSK	1	1	17.73	17.71	17.74	
100	PI/2 BPSK	1	271	17.56	17.51	17.50	
100	QPSK	2	0	18.02	17.96	17.98	18.2
100	QPSK	2	271	17.97	17.85	18.10	
100	QPSK	1	0	18.11	17.94	17.97	
100	QPSK	1	272	17.98	17.83	18.09	
100	QPSK	270	0	18.13	18.10	18.06	18.2
100	QPSK	135	67	18.18	18.16	18.11	18.2
100	QPSK	1	1	18.14	17.95	17.98	
100	QPSK	1	271	18.00	17.84	18.12	

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	16QAM	2	0	17.79	17.75	17.81	18.2
100	16QAM	2	271	17.57	17.58	17.63	
100	16QAM	1	0	17.50	17.52	17.50	
100	16QAM	1	272	17.71	17.75	17.81	
100	16QAM	270	0	17.86	17.87	17.88	18.2
100	16QAM	135	67	17.98	18.02	18.06	18.2
100	16QAM	1	1	17.54	17.53	17.52	
100	16QAM	1	271	17.80	17.75	17.77	
100	64QAM	2	0	17.45	17.49	17.48	18.2
100	64QAM	2	271	17.82	17.76	17.77	
100	64QAM	1	0	17.59	17.57	17.55	
100	64QAM	1	272	17.43	17.37	17.37	
100	64QAM	270	0	17.93	17.88	17.94	18.2
100	64QAM	135	67	17.99	18.03	18.05	18.2
100	64QAM	1	1	17.50	17.57	17.52	
100	64QAM	1	271	17.42	17.35	17.29	
100	256QAM	2	0	17.79	17.72	17.75	18.2
100	256QAM	2	271	17.55	17.52	17.47	
100	256QAM	1	0	17.59	17.63	17.69	
100	256QAM	1	272	17.48	17.42	17.39	
100	256QAM	270	0	17.87	17.89	17.85	18.2
100	256QAM	135	67	18.05	18.05	18.01	18.2
100	256QAM	1	1	17.60	17.67	17.66	
100	256QAM	1	271	17.37	17.43	17.44	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	17.56	17.59	17.58	18.2
90	QPSK	120	60	17.67	17.61	17.55	18.2
90	16QAM	120	60	17.58	17.58	17.53	18.2
90	64QAM	120	60	17.62	17.64	17.67	18.2
90	256QAM	120	60	17.64	17.57	17.64	18.2

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	17.56	17.58	17.61	18.2
80	QPSK	108	54	17.55	17.59	17.58	18.2
80	16QAM	108	54	17.54	17.56	17.54	18.2
80	64QAM	108	54	17.65	17.58	17.54	18.2
80	256QAM	108	54	17.51	17.54	17.54	18.2
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	17.56	17.52	17.51	18.2
60	QPSK	81	40	17.55	17.53	17.57	18.2
60	16QAM	81	40	17.54	17.48	17.47	18.2
60	64QAM	81	40	17.54	17.47	17.47	18.2
60	256QAM	81	40	17.48	17.53	17.48	18.2
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	17.38	17.36	17.42	18.2
50	QPSK	64	32	17.34	17.40	17.36	18.2
50	16QAM	64	32	17.34	17.37	17.40	18.2
50	64QAM	64	32	17.31	17.35	17.42	18.2
50	256QAM	64	32	17.36	17.43	17.48	18.2
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	17.78	17.76	17.79	18.2
40	QPSK	50	25	17.80	17.82	17.86	18.2
40	16QAM	50	25	17.86	17.81	17.75	18.2
40	64QAM	50	25	17.78	17.77	17.71	18.2
40	256QAM	50	25	17.75	17.81	17.87	18.2

Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	50	25	17.70	17.75	17.75	18.2
20	QPSK	50	25	17.85	17.84	17.78	18.2
20	16QAM	50	25	17.75	17.77	17.78	18.2
20	64QAM	50	25	17.81	17.79	17.76	18.2
20	256QAM	50	25	17.83	17.82	17.77	18.2

Antenna 6_ Receiver off

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	135	67	20.02	20.06	20.08	20.70
100	16QAM	135	67	20.05	20.07	20.01	20.70
100	64QAM	135	67	20.03	20.04	20.07	20.70
100	256QAM	135	67	20.08	20.03	20.00	20.70

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	19.84	19.86	19.93	20.7
100	PI/2 BPSK	2	271	19.57	19.61	19.58	
100	PI/2 BPSK	1	0	19.85	19.85	19.78	
100	PI/2 BPSK	1	272	19.62	19.58	19.54	
100	PI/2 BPSK	270	0	19.92	19.96	20.02	20.7
100	PI/2 BPSK	135	67	20.02	20.06	20.03	20.7
100	PI/2 BPSK	1	1	19.76	19.77	19.78	
100	PI/2 BPSK	1	271	19.64	19.59	19.66	
100	QPSK	2	0	20.26	20.01	20.00	20.7
100	QPSK	2	271	19.99	19.88	19.70	
100	QPSK	1	0	20.27	20.01	20.02	
100	QPSK	1	272	20.00	19.85	19.72	
100	QPSK	270	0	20.28	20.22	20.11	20.7
100	QPSK	135	67	20.60	20.55	20.54	20.7
100	QPSK	1	1	20.28	20.02	20.01	
100	QPSK	1	271	20.01	19.87	19.73	

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	16QAM	2	0	19.85	19.78	19.85	20.7
100	16QAM	2	271	19.61	19.64	19.66	
100	16QAM	1	0	19.56	19.58	19.59	
100	16QAM	1	272	19.41	19.36	19.30	
100	16QAM	270	0	19.99	19.95	19.96	20.7
100	16QAM	135	67	20.10	20.09	20.05	20.7
100	16QAM	1	1	19.61	19.61	19.58	
100	16QAM	1	271	19.37	19.36	19.36	
100	64QAM	2	0	19.55	19.57	19.58	20.7
100	64QAM	2	271	19.33	19.37	19.40	
100	64QAM	1	0	19.55	19.61	19.57	
100	64QAM	1	272	19.42	19.36	19.36	
100	64QAM	270	0	19.95	19.92	19.91	20.7
100	64QAM	135	67	20.01	20.08	20.08	20.7
100	64QAM	1	1	19.60	19.63	19.56	
100	64QAM	1	271	19.46	19.40	19.33	
100	256QAM	2	0	19.79	19.77	19.80	20.7
100	256QAM	2	271	19.53	19.56	19.62	
100	256QAM	1	0	19.78	19.72	19.69	
100	256QAM	1	272	19.56	19.50	19.48	
100	256QAM	270	0	19.92	19.99	19.96	20.7
100	256QAM	135	67	20.13	20.12	20.16	20.7
100	256QAM	1	1	19.66	19.71	19.67	
100	256QAM	1	271	19.56	19.51	19.52	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	20.16	20.15	20.10	20.7
90	QPSK	120	60	20.13	20.17	20.16	20.7
90	16QAM	120	60	20.14	20.16	20.09	20.7
90	64QAM	120	60	20.14	20.19	20.25	20.7
90	256QAM	120	60	20.14	20.15	20.11	20.7

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	20.07	20.08	20.01	20.7
80	QPSK	108	54	20.17	20.16	20.21	20.7
80	16QAM	108	54	20.21	20.14	20.17	20.7
80	64QAM	108	54	20.20	20.13	20.07	20.7
80	256QAM	108	54	20.09	20.13	20.09	20.7
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	20.06	20.05	20.07	20.7
60	QPSK	81	40	20.04	20.07	20.02	20.7
60	16QAM	81	40	20.08	20.05	20.07	20.7
60	64QAM	81	40	20.09	20.03	19.96	20.7
60	256QAM	81	40	20.10	20.04	20.05	20.7
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	19.91	19.97	19.93	20.7
50	QPSK	64	32	19.96	19.98	20.05	20.7
50	16QAM	64	32	19.82	19.89	19.89	20.7
50	64QAM	64	32	19.92	19.96	20.00	20.7
50	256QAM	64	32	19.92	19.97	20.04	20.7
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	19.81	19.85	19.81	20.7
40	QPSK	50	25	19.84	19.87	19.83	20.7
40	16QAM	50	25	19.88	19.86	19.83	20.7
40	64QAM	50	25	19.81	19.84	19.89	20.7
40	256QAM	50	25	19.80	19.83	19.88	20.7



Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	50	25	18.84	18.81	18.82	20.7
20	QPSK	50	25	19.81	19.84	19.89	20.7
20	16QAM	50	25	19.84	19.79	19.74	20.7
20	64QAM	50	25	19.84	19.78	19.83	20.7
20	256QAM	50	25	19.76	19.80	19.86	20.7

Antenna 6_Hotspot

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	135	67	19.04	19.01	18.98	19.20
100	16QAM	135	67	19.04	19.00	19.07	19.20
100	64QAM	135	67	18.92	18.97	18.93	19.20
100	256QAM	135	67	18.98	18.98	19.04	19.20

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	18.68	18.75	18.81	19.2
100	PI/2 BPSK	2	271	18.57	18.56	18.59	
100	PI/2 BPSK	1	0	18.73	18.73	18.74	
100	PI/2 BPSK	1	272	18.53	18.53	18.59	
100	PI/2 BPSK	270	0	18.92	18.85	18.82	19.2
100	PI/2 BPSK	135	67	19.09	19.03	19.08	19.2
100	PI/2 BPSK	1	1	18.65	18.71	18.68	
100	PI/2 BPSK	1	271	18.95	19.02	18.96	
100	QPSK	2	0	19.21	19.01	18.98	19.2
100	QPSK	2	271	18.98	18.86	18.70	
100	QPSK	1	0	19.22	18.98	18.98	
100	QPSK	1	272	18.97	18.83	18.72	
100	QPSK	270	0	19.25	19.17	19.05	19.2
100	QPSK	135	67	19.40	19.38	19.20	19.2
100	QPSK	1	1	19.27	18.99	18.98	
100	QPSK	1	271	19.01	19.35	19.16	

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	16QAM	2	0	18.73	18.76	18.79	19.2
100	16QAM	2	271	18.65	18.59	18.59	
100	16QAM	1	0	18.54	18.54	18.61	
100	16QAM	1	272	18.73	18.75	18.76	
100	16QAM	270	0	18.90	18.84	18.91	19.2
100	16QAM	135	67	19.06	19.03	19.00	19.2
100	16QAM	1	1	18.48	18.54	18.55	
100	16QAM	1	271	18.76	18.79	18.82	
100	64QAM	2	0	19.01	18.96	18.91	19.2
100	64QAM	2	271	18.69	18.75	18.69	
100	64QAM	1	0	18.51	18.56	18.49	
100	64QAM	1	272	18.45	18.38	18.33	
100	64QAM	270	0	18.84	18.85	18.78	19.2
100	64QAM	135	67	19.00	19.03	19.07	19.2
100	64QAM	1	1	18.60	18.56	18.54	
100	64QAM	1	271	18.88	18.81	18.88	
100	256QAM	2	0	18.66	18.73	18.77	19.2
100	256QAM	2	271	18.54	18.52	18.48	
100	256QAM	1	0	18.64	18.62	18.63	
100	256QAM	1	272	18.49	18.43	18.48	
100	256QAM	270	0	18.90	18.90	18.87	19.2
100	256QAM	135	67	19.03	19.06	19.06	19.2
100	256QAM	1	1	18.60	18.65	18.59	
100	256QAM	1	271	18.91	18.92	18.86	
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	120	60	18.66	18.64	18.61	19.2
90	QPSK	120	60	18.61	18.60	18.60	19.2
90	16QAM	120	60	18.54	18.61	18.59	19.2
90	64QAM	120	60	18.67	18.69	18.64	19.2
90	256QAM	120	60	18.61	18.64	18.61	19.2

Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	108	54	18.59	18.58	18.64	19.2
80	QPSK	108	54	18.66	18.60	18.59	19.2
80	16QAM	108	54	18.54	18.54	18.55	19.2
80	64QAM	108	54	18.57	18.57	18.50	19.2
80	256QAM	108	54	18.47	18.53	18.48	19.2
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	81	40	18.58	18.52	18.46	19.2
60	QPSK	81	40	18.51	18.54	18.53	19.2
60	16QAM	81	40	18.42	18.49	18.42	19.2
60	64QAM	81	40	18.43	18.47	18.43	19.2
60	256QAM	81	40	18.55	18.51	18.56	19.2
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	64	32	18.34	18.38	18.31	19.2
50	QPSK	64	32	18.41	18.42	18.36	19.2
50	16QAM	64	32	18.44	18.40	18.42	19.2
50	64QAM	64	32	18.48	18.41	18.48	19.2
50	256QAM	64	32	18.44	18.39	18.45	19.2
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	50	25	18.29	18.29	18.31	19.2
40	QPSK	50	25	18.33	18.30	18.35	19.2
40	16QAM	50	25	18.31	18.35	18.38	19.2
40	64QAM	50	25	18.27	18.32	18.39	19.2
40	256QAM	50	25	18.36	18.31	18.29	19.2

Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	50	25	18.26	18.25	18.29	19.2
20	QPSK	50	25	18.28	18.29	18.26	19.2
20	16QAM	50	25	18.35	18.32	18.28	19.2
20	64QAM	50	25	18.30	18.34	18.37	19.2
20	256QAM	50	25	18.21	18.27	18.26	19.2

Note:

1) The tested channel results are marks in bold.

5. Conducted power measurement results of 5G NR n66

Antenna 3_Receiver on& off

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	50	25	22.50	22.45	22.45	22.7
20	16QAM	50	25	21.91	21.90	21.95	22.2
20	64QAM	50	25	20.30	20.35	20.28	20.7
20	256QAM	50	25	17.40	17.45	17.39	17.7

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	2	0	22.88	22.84	22.87	23.7
20	PI/2 BPSK	2	104	22.83	22.88	22.93	
20	PI/2 BPSK	1	0	22.78	22.78	22.85	
20	PI/2 BPSK	1	105	22.78	22.84	22.87	
20	PI/2 BPSK	100	0	22.98	22.95	22.90	23.7
20	PI/2 BPSK	50	25	22.28	22.67	22.34	24.2
20	PI/2 BPSK	1	1	22.26	22.36	22.38	
20	PI/2 BPSK	1	104	22.35	22.27	22.23	
20	QPSK	2	0	22.94	22.96	22.96	23.2
20	QPSK	2	104	22.93	22.98	22.93	
20	QPSK	1	0	22.89	22.92	22.93	
20	QPSK	1	105	22.92	22.95	22.92	
20	QPSK	100	0	22.97	23.01	22.99	23.2
20	QPSK	50	25	23.01	23.03	23.02	24.2
20	QPSK	1	1	22.81	22.82	22.84	
20	QPSK	1	104	22.82	22.85	22.83	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	16QAM	2	0	21.77	21.70	21.66	22.2
20	16QAM	2	104	21.68	21.74	21.79	
20	16QAM	1	0	21.93	22.00	21.98	
20	16QAM	1	105	22.03	22.09	22.08	
20	16QAM	100	0	21.90	21.89	21.86	22.2
20	16QAM	50	25	22.92	22.90	22.88	23.2
20	16QAM	1	1	22.53	22.60	22.56	
20	16QAM	1	104	22.73	22.68	22.64	
20	64QAM	2	0	21.08	21.03	20.97	21.7
20	64QAM	2	104	21.06	21.08	21.06	
20	64QAM	1	0	20.83	20.80	20.83	
20	64QAM	1	105	20.90	20.84	20.88	
20	64QAM	100	0	20.83	20.88	20.93	21.7
20	64QAM	50	25	20.89	20.86	20.93	21.7
20	64QAM	1	1	20.78	20.82	20.78	
20	64QAM	1	104	20.85	20.87	20.84	
20	256QAM	2	0	19.13	19.20	19.22	19.7
20	256QAM	2	104	19.29	19.28	19.31	
20	256QAM	1	0	18.94	18.96	18.99	
20	256QAM	1	105	19.06	19.00	19.06	
20	256QAM	100	0	19.39	19.32	19.36	19.7
20	256QAM	50	25	19.32	19.34	19.41	19.7
20	256QAM	1	1	18.99	18.94	18.96	
20	256QAM	1	104	19.04	19.03	18.97	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	23.01	22.94	22.97	24.2
15	QPSK	36	18	22.56	22.50	22.51	24.2
15	16QAM	36	18	22.07	22.00	21.98	23.2
15	64QAM	36	18	21.39	21.40	21.38	21.7
15	256QAM	36	18	19.47	19.45	19.48	19.7

Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	22.93	22.94	22.89	24.2
10	QPSK	25	12	22.89	22.93	22.86	24.2
10	16QAM	25	12	22.47	22.50	22.56	23.2
10	64QAM	25	12	21.30	21.35	21.42	21.7
10	256QAM	25	12	19.32	19.30	19.24	19.7
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	22.98	22.96	22.90	24.2
5	QPSK	12	6	22.89	22.90	22.92	24.2
5	16QAM	12	6	22.63	22.60	22.67	23.2
5	64QAM	12	6	21.50	21.50	21.54	21.7
5	256QAM	12	6	19.39	19.40	19.33	19.7

Antenna 3_Hotspot

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	50	25	21.91	21.92	21.94	22.2
20	16QAM	50	25	21.42	21.37	21.40	21.7
20	64QAM	50	25	19.75	19.80	19.75	20.2
20	256QAM	50	25	16.97	17.00	17.07	17.2

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	2	0	22.76	22.80	22.83	23.2
20	PI/2 BPSK	2	104	22.88	22.84	22.81	
20	PI/2 BPSK	1	0	22.74	22.75	22.80	
20	PI/2 BPSK	1	105	22.73	22.79	22.74	
20	PI/2 BPSK	100	0	22.97	22.90	22.93	23.2
20	PI/2 BPSK	50	25	21.76	21.91	22.07	23.7
20	PI/2 BPSK	1	1	21.72	21.71	21.83	
20	PI/2 BPSK	1	104	21.82	21.88	21.99	
20	QPSK	2	0	22.43	22.46	22.46	22.7
20	QPSK	2	104	22.43	22.48	22.47	
20	QPSK	1	0	22.38	22.42	22.37	
20	QPSK	1	105	22.39	22.43	22.41	
20	QPSK	100	0	22.62	22.63	22.57	22.7
20	QPSK	50	25	23.01	23.03	23.02	23.7
20	QPSK	1	1	22.81	22.82	22.84	
20	QPSK	1	104	22.82	22.85	22.84	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	16QAM	2	0	20.64	20.64	20.65	21.7
20	16QAM	2	104	20.71	20.67	20.71	
20	16QAM	1	0	21.06	20.99	20.93	
20	16QAM	1	105	21.10	21.03	21.04	
20	16QAM	100	0	20.93	20.86	20.89	21.7
20	16QAM	50	25	21.81	21.88	21.92	22.7
20	16QAM	1	1	22.10	22.04	22.02	
20	16QAM	1	104	22.06	22.11	22.16	
20	64QAM	2	0	21.09	21.05	20.98	21.2
20	64QAM	2	104	21.08	21.10	21.12	
20	64QAM	1	0	20.79	20.78	20.78	
20	64QAM	1	105	20.82	20.86	20.89	
20	64QAM	100	0	20.80	20.84	20.85	21.2
20	64QAM	50	25	20.85	20.86	20.84	21.2
20	64QAM	1	1	20.95	20.89	20.96	
20	64QAM	1	104	20.86	20.93	20.88	
20	256QAM	2	0	18.65	18.70	18.68	19.2
20	256QAM	2	104	18.60	18.67	18.61	
20	256QAM	1	0	18.47	18.40	18.43	
20	256QAM	1	105	18.42	18.46	18.52	
20	256QAM	100	0	18.83	18.82	18.88	19.2
20	256QAM	50	25	18.81	18.85	18.79	19.2
20	256QAM	1	1	18.52	18.47	18.42	
20	256QAM	1	104	18.47	18.50	18.53	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	22.86	22.90	22.96	23.7
15	QPSK	36	18	22.95	22.90	22.88	23.7
15	16QAM	36	18	22.39	22.44	22.37	22.7
15	64QAM	36	18	20.70	20.73	20.66	21.2
15	256QAM	36	18	18.72	18.75	18.77	19.2

Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	22.98	22.91	22.85	23.7
10	QPSK	25	12	22.94	22.92	22.88	23.7
10	16QAM	25	12	22.44	22.45	22.49	22.7
10	64QAM	25	12	20.84	20.78	20.75	21.2
10	256QAM	25	12	18.82	18.77	18.72	19.2
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	22.86	22.93	22.92	23.7
5	QPSK	12	6	22.91	22.95	22.93	23.7
5	16QAM	12	6	22.41	22.47	22.54	22.7
5	64QAM	12	6	20.83	20.79	20.71	21.2
5	256QAM	12	6	18.89	18.78	18.80	19.2

Antenna 4_Receiver on

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	50	25	17.70	17.74	17.74	18.5
20	16QAM	50	25	17.67	17.70	17.72	18.5
20	64QAM	50	25	17.66	17.68	17.70	18.5
20	256QAM	50	25	17.68	17.73	17.72	18.5

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	2	0	18.03	18.09	18.14	18.5
20	PI/2 BPSK	2	104	18.07	18.11	18.18	
20	PI/2 BPSK	1	0	18.01	18.04	18.04	
20	PI/2 BPSK	1	105	18.06	18.09	18.16	
20	PI/2 BPSK	100	0	18.09	18.16	18.10	18.5
20	PI/2 BPSK	50	25	17.77	17.73	17.80	18.5
20	PI/2 BPSK	1	1	18.00	18.04	18.07	
20	PI/2 BPSK	1	104	18.03	18.07	18.13	
20	QPSK	2	0	18.13	18.20	18.18	18.5
20	QPSK	2	104	18.10	18.23	18.17	
20	QPSK	1	0	18.07	18.11	18.12	
20	QPSK	1	105	18.05	18.18	18.13	
20	QPSK	100	0	18.29	18.22	18.30	18.5
20	QPSK	50	25	18.46	18.27	18.32	18.5
20	QPSK	1	1	18.29	18.32	18.35	
20	QPSK	1	104	18.32	18.38	18.41	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	16QAM	2	0	18.00	18.07	18.13	18.5
20	16QAM	2	104	18.06	18.05	18.11	
20	16QAM	1	0	17.85	17.85	17.84	
20	16QAM	1	105	17.83	17.82	17.89	
20	16QAM	100	0	17.86	17.81	17.87	18.5
20	16QAM	50	25	17.68	17.75	17.79	18.5
20	16QAM	1	1	17.92	17.86	17.79	
20	16QAM	1	104	17.75	17.81	17.84	
20	64QAM	2	0	17.78	17.85	17.88	18.5
20	64QAM	2	104	17.81	17.83	17.88	
20	64QAM	1	0	17.82	17.87	17.82	
20	64QAM	1	105	17.85	17.86	17.88	
20	64QAM	100	0	17.86	17.80	17.85	18.5
20	64QAM	50	25	17.73	17.79	17.82	18.5
20	64QAM	1	1	17.82	17.87	17.81	
20	64QAM	1	104	17.82	17.86	17.87	
20	256QAM	2	0	18.07	18.07	18.14	18.5
20	256QAM	2	104	18.16	18.09	18.07	
20	256QAM	1	0	17.90	17.97	18.03	
20	256QAM	1	105	17.97	17.93	17.87	
20	256QAM	100	0	17.83	17.82	17.87	18.5
20	256QAM	50	25	17.76	17.79	17.85	18.5
20	256QAM	1	1	18.00	17.98	18.01	
20	256QAM	1	104	17.97	17.94	17.88	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	17.77	17.73	17.80	18.5
15	QPSK	36	18	17.80	17.76	17.77	18.5
15	16QAM	36	18	17.68	17.74	17.77	18.5
15	64QAM	36	18	17.77	17.78	17.83	18.5
15	256QAM	36	18	17.87	17.81	17.88	18.5

Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	17.65	17.72	17.76	18.5
10	QPSK	25	12	17.71	17.75	17.80	18.5
10	16QAM	25	12	17.71	17.78	17.77	18.5
10	64QAM	25	12	17.69	17.76	17.71	18.5
10	256QAM	25	12	17.81	17.79	17.85	18.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	17.66	17.62	17.65	18.5
5	QPSK	12	6	17.62	17.68	17.72	18.5
5	16QAM	12	6	17.64	17.67	17.66	18.5
5	64QAM	12	6	17.57	17.64	17.58	18.5
5	256QAM	12	6	17.74	17.70	17.74	18.5

Antenna 4_ Receiver off

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	50	25	20.22	20.29	20.36	21.0
20	16QAM	50	25	20.32	20.28	20.27	21.0
20	64QAM	50	25	20.28	20.27	20.31	21.0
20	256QAM	50	25	20.30	20.34	20.30	21.0

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	2	0	20.23	20.18	20.15	21.0
20	PI/2 BPSK	2	104	20.18	20.22	20.16	
20	PI/2 BPSK	1	0	20.02	20.09	20.15	
20	PI/2 BPSK	1	105	20.13	20.19	20.15	21.0
20	PI/2 BPSK	100	0	20.21	20.25	20.20	
20	PI/2 BPSK	50	25	20.24	20.31	20.38	
20	PI/2 BPSK	1	1	20.18	20.11	20.07	21.0
20	PI/2 BPSK	1	104	20.23	20.20	20.13	
20	QPSK	2	0	20.67	20.71	20.75	
20	QPSK	2	104	20.69	20.76	20.77	21.0
20	QPSK	1	0	20.62	20.66	20.69	
20	QPSK	1	105	20.65	20.73	20.72	
20	QPSK	100	0	20.88	20.79	20.87	21.0
20	QPSK	50	25	20.53	20.55	20.60	21.0
20	QPSK	1	1	20.81	20.84	20.92	
20	QPSK	1	104	20.82	20.91	20.93	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	16QAM	2	0	20.11	20.16	20.18	21.0
20	16QAM	2	104	20.26	20.24	20.22	
20	16QAM	1	0	20.44	20.41	20.46	
20	16QAM	1	105	20.46	20.46	20.43	
20	16QAM	100	0	20.28	20.27	20.24	21.0
20	16QAM	50	25	20.26	20.33	20.33	21.0
20	16QAM	1	1	20.41	20.42	20.47	
20	16QAM	1	104	20.49	20.47	20.53	
20	64QAM	2	0	20.37	20.40	20.45	21.0
20	64QAM	2	104	20.49	20.44	20.41	
20	64QAM	1	0	20.45	20.43	20.43	
20	64QAM	1	105	20.51	20.51	20.53	
20	64QAM	100	0	20.26	20.24	20.19	21.0
20	64QAM	50	25	20.38	20.31	20.25	21.0
20	64QAM	1	1	20.48	20.44	20.45	
20	64QAM	1	104	20.41	20.48	20.55	
20	256QAM	2	0	20.16	20.12	20.07	21.0
20	256QAM	2	104	20.12	20.18	20.25	
20	256QAM	1	0	20.52	20.51	20.49	
20	256QAM	1	105	20.63	20.56	20.53	
20	256QAM	100	0	20.26	20.25	20.30	21.0
20	256QAM	50	25	20.32	20.33	20.36	21.0
20	256QAM	1	1	20.48	20.51	20.56	
20	256QAM	1	104	20.56	20.57	20.51	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	20.29	20.30	20.28	21.0
15	QPSK	36	18	20.29	20.31	20.37	21.0
15	16QAM	36	18	20.33	20.28	20.25	21.0
15	64QAM	36	18	20.33	20.32	20.32	21.0
15	256QAM	36	18	20.28	20.34	20.40	21.0

Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	20.32	20.27	20.27	21.0
10	QPSK	25	12	20.30	20.31	20.28	21.0
10	16QAM	25	12	20.40	20.34	20.38	21.0
10	64QAM	25	12	20.32	20.26	20.29	21.0
10	256QAM	25	12	20.40	20.33	20.28	21.0
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	20.30	20.26	20.19	21.0
5	QPSK	12	6	20.28	20.28	20.26	21.0
5	16QAM	12	6	20.39	20.33	20.35	21.0
5	64QAM	12	6	20.35	20.29	20.25	21.0
5	256QAM	12	6	20.30	20.32	20.39	21.0

Antenna 4_Hotspot

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	50	25	18.82	18.78	18.76	19.5
20	16QAM	50	25	18.74	18.72	18.76	19.5
20	64QAM	50	25	18.76	18.73	18.70	19.5
20	256QAM	50	25	18.80	18.76	18.75	19.5

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	2	0	19.06	19.10	19.12	19.5
20	PI/2 BPSK	2	104	19.18	19.11	19.04	
20	PI/2 BPSK	1	0	19.05	19.03	19.05	
20	PI/2 BPSK	1	105	19.16	19.09	19.16	
20	PI/2 BPSK	100	0	18.86	18.81	18.78	19.5
20	PI/2 BPSK	50	25	18.74	18.77	18.80	19.5
20	PI/2 BPSK	1	1	19.12	19.06	19.00	
20	PI/2 BPSK	1	104	19.05	19.08	19.03	
20	QPSK	2	0	19.15	19.19	19.21	19.5
20	QPSK	2	104	19.17	19.24	19.22	
20	QPSK	1	0	19.07	19.11	19.14	
20	QPSK	1	105	19.12	19.17	19.17	
20	QPSK	100	0	19.35	19.27	19.34	19.5
20	QPSK	50	25	19.00	19.03	19.07	19.5
20	QPSK	1	1	19.31	19.35	19.40	
20	QPSK	1	104	19.33	19.40	19.43	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	16QAM	2	0	19.11	19.07	19.11	19.5
20	16QAM	2	104	19.05	19.08	19.05	
20	16QAM	1	0	18.74	18.81	18.83	
20	16QAM	1	105	18.89	18.83	18.76	
20	16QAM	100	0	18.79	18.83	18.80	19.5
20	16QAM	50	25	18.76	18.81	18.86	19.5
20	16QAM	1	1	18.88	18.83	18.84	
20	16QAM	1	104	18.76	18.82	18.85	
20	64QAM	2	0	18.81	18.85	18.87	19.5
20	64QAM	2	104	18.81	18.83	18.85	
20	64QAM	1	0	18.75	18.82	18.84	
20	64QAM	1	105	18.94	18.87	18.85	
20	64QAM	100	0	18.83	18.83	18.86	19.5
20	64QAM	50	25	18.81	18.80	18.75	19.5
20	64QAM	1	1	18.89	18.87	18.84	
20	64QAM	1	104	18.89	18.86	18.87	
20	256QAM	2	0	19.11	19.06	19.03	19.5
20	256QAM	2	104	19.08	19.08	19.03	
20	256QAM	1	0	18.86	18.93	18.89	
20	256QAM	1	105	18.98	18.97	18.96	
20	256QAM	100	0	18.87	18.86	18.82	19.5
20	256QAM	50	25	18.80	18.80	18.75	19.5
20	256QAM	1	1	18.96	18.95	19.02	
20	256QAM	1	104	18.91	18.98	18.93	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	18.80	18.79	18.86	19.5
15	QPSK	36	18	18.75	18.82	18.88	19.5
15	16QAM	36	18	18.74	18.78	18.79	19.5
15	64QAM	36	18	18.78	18.81	18.84	19.5
15	256QAM	36	18	18.86	18.85	18.79	19.5



Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	18.76	18.75	18.79	19.5
10	QPSK	25	12	18.82	18.77	18.78	19.5
10	16QAM	25	12	18.75	18.80	18.73	19.5
10	64QAM	25	12	18.77	18.74	18.68	19.5
10	256QAM	25	12	18.91	18.85	18.80	19.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	19.10	19.17	19.18	19.5
5	QPSK	12	6	19.17	19.20	19.16	19.5
5	16QAM	12	6	19.30	19.23	19.17	19.5
5	64QAM	12	6	19.23	19.16	19.13	19.5
5	256QAM	12	6	19.24	19.22	19.24	19.5

Antenna 4_Simultaneous with BT/WiFi/LTE_Receiver on

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	50	25	16.29	16.17	16.17	16.5
20	16QAM	50	25	16.13	16.05	16.29	16.5
20	64QAM	50	25	16.23	16.24	16.18	16.5
20	256QAM	50	25	16.30	16.27	16.19	16.5

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	2	0	16.30	16.27	16.11	16.5
20	PI/2 BPSK	2	104	16.18	16.22	16.12	
20	PI/2 BPSK	1	0	16.21	16.11	16.06	
20	PI/2 BPSK	1	105	16.09	16.10	16.12	16.5
20	PI/2 BPSK	100	0	16.20	16.22	16.07	
20	PI/2 BPSK	50	25	16.04	16.25	16.05	
20	PI/2 BPSK	1	1	16.25	16.21	16.18	16.5
20	PI/2 BPSK	1	104	16.18	16.19	16.27	
20	QPSK	2	0	16.19	16.23	16.19	
20	QPSK	2	104	16.16	16.30	16.22	16.5
20	QPSK	1	0	16.12	16.15	16.13	
20	QPSK	1	105	16.08	16.22	16.18	
20	QPSK	100	0	16.31	16.26	16.35	16.5
20	QPSK	50	25	16.36	16.30	16.31	16.5
20	QPSK	1	1	16.11	16.21	16.14	
20	QPSK	1	104	16.08	16.22	16.17	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	16QAM	2	0	16.18	16.14	16.27	16.5
20	16QAM	2	104	16.09	16.13	16.11	
20	16QAM	1	0	16.07	16.28	16.15	
20	16QAM	1	105	16.18	16.27	16.08	
20	16QAM	100	0	16.06	16.23	16.16	16.5
20	16QAM	50	25	16.15	16.10	16.07	16.5
20	16QAM	1	1	16.25	16.20	16.11	
20	16QAM	1	104	16.05	16.11	16.30	
20	64QAM	2	0	16.17	16.06	16.30	16.5
20	64QAM	2	104	16.17	16.25	16.27	
20	64QAM	1	0	16.29	16.19	16.23	
20	64QAM	1	105	16.28	16.28	16.14	
20	64QAM	100	0	16.21	16.18	16.04	16.5
20	64QAM	50	25	16.06	16.28	16.29	16.5
20	64QAM	1	1	16.16	16.21	16.04	
20	64QAM	1	104	16.20	16.16	16.08	
20	256QAM	2	0	16.30	16.29	16.26	16.5
20	256QAM	2	104	16.05	16.17	16.13	
20	256QAM	1	0	16.16	16.19	16.29	
20	256QAM	1	105	16.10	16.10	16.25	
20	256QAM	100	0	16.15	16.25	16.08	16.5
20	256QAM	50	25	16.14	16.22	16.24	16.5
20	256QAM	1	1	16.06	16.05	16.28	
20	256QAM	1	104	16.14	16.20	16.23	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	16.14	16.14	16.09	16.5
15	QPSK	36	18	16.08	16.07	16.04	16.5
15	16QAM	36	18	16.21	16.09	16.30	16.5
15	64QAM	36	18	16.08	16.29	16.08	16.5
15	256QAM	36	18	16.05	16.07	16.11	16.5

Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	16.12	16.22	16.09	16.5
10	QPSK	25	12	16.11	16.23	16.17	16.5
10	16QAM	25	12	16.28	16.26	16.09	16.5
10	64QAM	25	12	16.14	16.22	16.12	16.5
10	256QAM	25	12	16.28	16.16	16.22	16.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	16.17	16.12	16.21	16.5
5	QPSK	12	6	16.06	16.16	16.08	16.5
5	16QAM	12	6	16.21	16.14	16.26	16.5
5	64QAM	12	6	16.20	16.13	16.28	16.5
5	256QAM	12	6	16.13	16.18	16.26	16.5

Antenna 5 Receiver on

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	50	25	17.50	17.55	17.58	18.5
20	16QAM	50	25	17.43	17.50	17.48	18.5
20	64QAM	50	25	17.58	17.52	17.50	18.5
20	256QAM	50	25	17.57	17.52	17.54	18.5

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	2	0	18.00	17.96	17.99	18.5
20	PI/2 BPSK	2	104	17.93	17.93	18.00	
20	PI/2 BPSK	1	0	17.80	17.82	17.89	
20	PI/2 BPSK	1	105	17.92	17.91	17.94	18.5
20	PI/2 BPSK	100	0	17.99	18.00	18.03	
20	PI/2 BPSK	50	25	18.00	18.05	18.06	
20	PI/2 BPSK	1	1	17.80	17.86	17.87	18.5
20	PI/2 BPSK	1	104	17.93	17.92	17.93	
20	QPSK	2	0	18.26	18.31	18.29	
20	QPSK	2	104	18.28	18.36	18.37	18.5
20	QPSK	1	0	18.22	18.22	18.26	
20	QPSK	1	105	18.23	18.27	18.32	
20	QPSK	100	0	18.41	18.40	18.43	18.5
20	QPSK	50	25	18.42	18.43	18.47	18.5
20	QPSK	1	1	18.23	18.26	18.26	
20	QPSK	1	104	18.22	18.29	18.32	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	16QAM	2	0	17.86	17.93	17.97	18.5
20	16QAM	2	104	18.03	17.98	17.92	
20	16QAM	1	0	17.68	17.64	17.60	
20	16QAM	1	105	17.64	17.70	17.66	
20	16QAM	100	0	17.95	18.02	18.07	18.5
20	16QAM	50	25	18.11	18.09	18.10	18.5
20	16QAM	1	1	17.59	17.65	17.65	
20	16QAM	1	104	17.70	17.73	17.72	
20	64QAM	2	0	18.12	18.11	18.11	18.5
20	64QAM	2	104	18.11	18.18	18.14	
20	64QAM	1	0	18.37	18.36	18.43	
20	64QAM	1	105	17.78	17.75	17.78	
20	64QAM	100	0	18.04	18.03	18.08	18.5
20	64QAM	50	25	18.05	18.09	18.08	18.5
20	64QAM	1	1	17.78	17.72	17.66	
20	64QAM	1	104	17.73	17.80	17.84	
20	256QAM	2	0	17.90	17.92	17.93	18.5
20	256QAM	2	104	18.02	17.95	17.91	
20	256QAM	1	0	17.79	17.82	17.87	
20	256QAM	1	105	17.92	17.88	17.91	
20	256QAM	100	0	18.11	18.05	18.12	18.5
20	256QAM	50	25	18.02	18.09	18.14	18.5
20	256QAM	1	1	17.76	17.80	17.84	
20	256QAM	1	104	17.92	17.85	17.88	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	18.00	18.03	18.07	18.5
15	QPSK	36	18	18.06	18.04	18.10	18.5
15	16QAM	36	18	17.99	18.02	18.01	18.5
15	64QAM	36	18	18.04	18.06	18.12	18.5
15	256QAM	36	18	18.11	18.08	18.12	18.5

Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	18.04	18.03	18.10	18.5
10	QPSK	25	12	18.13	18.06	18.04	18.5
10	16QAM	25	12	18.06	18.09	18.08	18.5
10	64QAM	25	12	18.10	18.05	18.00	18.5
10	256QAM	25	12	18.10	18.13	18.16	18.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	17.94	18.01	18.01	18.5
5	QPSK	12	6	18.01	18.02	17.95	18.5
5	16QAM	12	6	18.07	18.05	18.00	18.5
5	64QAM	12	6	18.01	18.02	18.01	18.5
5	256QAM	12	6	18.04	18.04	18.07	18.5

Antenna 5 Receiver off & hotspot

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	50	25	22.18	22.17	22.24	22.0
20	16QAM	50	25	21.17	21.12	21.19	21.5
20	64QAM	50	25	19.53	19.56	19.51	20.0
20	256QAM	50	25	16.71	16.69	16.62	17.0

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	2	0	22.03	22.02	22.06	23.0
20	PI/2 BPSK	2	104	20.03	20.01	20.08	
20	PI/2 BPSK	1	0	21.91	21.95	21.88	
20	PI/2 BPSK	1	105	22.00	21.97	22.04	
20	PI/2 BPSK	100	0	21.67	21.65	21.63	23.0
20	PI/2 BPSK	50	25	21.97	22.02	22.02	23.5
20	PI/2 BPSK	1	1	21.78	21.81	21.82	
20	PI/2 BPSK	1	104	21.81	21.86	21.89	
20	QPSK	2	0	22.33	22.37	22.43	22.5
20	QPSK	2	104	22.35	22.40	22.41	
20	QPSK	1	0	22.25	22.32	22.34	
20	QPSK	1	105	22.26	22.34	22.41	
20	QPSK	100	0	22.00	22.00	22.04	22.5
20	QPSK	50	25	22.49	22.51	22.55	23.5
20	QPSK	1	1	22.28	22.32	22.37	
20	QPSK	1	104	22.31	22.35	22.42	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	16QAM	2	0	21.46	21.45	21.43	21.5
20	16QAM	2	104	21.51	21.48	21.43	
20	16QAM	1	0	21.18	21.22	21.25	
20	16QAM	1	105	21.24	21.24	21.24	
20	16QAM	100	0	21.09	21.16	21.10	21.5
20	16QAM	50	25	22.15	22.15	22.14	22.5
20	16QAM	1	1	21.76	21.73	21.75	
20	16QAM	1	104	21.69	21.75	21.69	
20	64QAM	2	0	20.69	20.70	20.74	21.0
20	64QAM	2	104	20.69	20.73	20.73	
20	64QAM	1	0	20.78	20.72	20.66	
20	64QAM	1	105	20.75	20.78	20.84	
20	64QAM	100	0	20.62	20.64	20.57	21.0
20	64QAM	50	25	20.60	20.65	20.59	21.0
20	64QAM	1	1	20.83	20.76	20.72	
20	64QAM	1	104	20.79	20.77	20.72	
20	256QAM	2	0	18.87	18.89	18.84	19.0
20	256QAM	2	104	18.83	18.87	18.82	
20	256QAM	1	0	18.81	18.76	18.70	
20	256QAM	1	105	18.74	18.80	18.81	
20	256QAM	100	0	18.70	18.64	18.64	19.0
20	256QAM	50	25	18.66	18.61	18.56	19.0
20	256QAM	1	1	17.79	17.81	17.77	
20	256QAM	1	104	18.84	18.82	18.82	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	22.16	22.18	22.12	23.5
15	QPSK	36	18	22.24	22.19	22.23	23.5
15	16QAM	36	18	22.10	22.12	22.09	22.5
15	64QAM	36	18	20.61	20.67	20.72	21.0
15	256QAM	36	18	18.55	18.61	18.61	19.0

Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	22.12	22.13	22.20	23.5
10	QPSK	25	12	22.16	22.16	22.13	23.5
10	16QAM	25	12	22.15	22.14	22.16	22.5
10	64QAM	25	12	20.70	20.63	20.58	21.0
10	256QAM	25	12	18.61	18.64	18.61	19.0
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	22.18	22.12	22.19	23.5
5	QPSK	12	6	22.18	22.13	22.18	23.5
5	16QAM	12	6	22.12	22.07	22.04	22.5
5	64QAM	12	6	20.49	20.56	20.54	21.0
5	256QAM	12	6	18.54	18.53	18.48	19.0

Antenna 5_Simultaneous with BT/WiFi/LTE_Receiver off & hotspot

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	50	25	20.04	20.24	20.22	20.5
20	16QAM	50	25	20.18	20.11	20.30	20.5
20	64QAM	50	25	20.19	20.08	20.29	20.5
20	256QAM	50	25	20.13	20.25	20.04	20.5

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	2	0	20.08	20.18	20.25	20.5
20	PI/2 BPSK	2	104	20.32	20.00	20.32	
20	PI/2 BPSK	1	0	20.02	20.30	20.21	
20	PI/2 BPSK	1	105	20.16	20.17	20.06	20.5
20	PI/2 BPSK	100	0	20.01	20.11	20.02	
20	PI/2 BPSK	50	25	19.97	20.01	20.03	
20	PI/2 BPSK	1	1	19.75	19.79	19.83	20.5
20	PI/2 BPSK	1	104	19.79	19.84	19.86	
20	QPSK	2	0	20.31	20.25	20.35	
20	QPSK	2	104	20.34	19.92	19.91	20.5
20	QPSK	1	0	20.29	20.30	20.33	
20	QPSK	1	105	20.28	20.19	20.31	
20	QPSK	100	0	20.01	19.98	20.03	20.5
20	QPSK	50	25	20.10	20.12	20.39	20.5
20	QPSK	1	1	20.24	20.21	20.16	
20	QPSK	1	104	20.23	20.26	20.27	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	16QAM	2	0	20.16	20.26	20.01	20.5
20	16QAM	2	104	20.11	20.18	20.33	
20	16QAM	1	0	20.33	20.11	20.05	
20	16QAM	1	105	20.10	20.33	20.02	
20	16QAM	100	0	20.05	20.13	20.32	20.5
20	16QAM	50	25	20.07	20.32	20.25	20.5
20	16QAM	1	1	20.07	20.05	20.24	
20	16QAM	1	104	20.13	20.29	20.02	
20	64QAM	2	0	20.22	20.25	20.23	20.5
20	64QAM	2	104	20.04	20.16	20.05	
20	64QAM	1	0	20.31	20.31	20.22	
20	64QAM	1	105	20.25	20.00	20.27	
20	64QAM	100	0	20.05	20.04	20.20	20.5
20	64QAM	50	25	20.26	20.10	20.09	20.5
20	64QAM	1	1	20.19	20.26	20.00	
20	64QAM	1	104	20.11	20.02	20.19	
20	256QAM	2	0	20.02	20.18	20.13	20.5
20	256QAM	2	104	20.21	20.28	20.33	
20	256QAM	1	0	20.00	20.16	20.29	
20	256QAM	1	105	20.29	20.19	20.22	
20	256QAM	100	0	20.27	20.32	20.27	20.5
20	256QAM	50	25	20.14	20.17	20.23	20.5
20	256QAM	1	1	20.33	20.28	20.20	
20	256QAM	1	104	20.15	20.12	20.28	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	20.21	20.07	20.21	20.5
15	QPSK	36	18	20.09	20.21	20.17	20.5
15	16QAM	36	18	20.21	20.26	20.22	20.5
15	64QAM	36	18	20.30	20.16	20.10	20.5
15	256QAM	36	18	20.29	20.10	20.09	20.5

Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	20.32	20.16	20.18	20.5
10	QPSK	25	12	20.01	20.10	20.07	20.5
10	16QAM	25	12	20.10	20.12	20.10	20.5
10	64QAM	25	12	20.17	20.05	20.24	20.5
10	256QAM	25	12	20.28	20.16	20.10	20.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	20.15	20.25	20.23	20.5
5	QPSK	12	6	20.09	20.20	20.33	20.5
5	16QAM	12	6	20.07	20.07	20.17	20.5
5	64QAM	12	6	20.13	20.26	20.25	20.5
5	256QAM	12	6	20.17	20.12	20.04	20.5

Antenna 6_Receiver on

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	50	25	20.03	20.01	19.98	20.5
20	16QAM	50	25	20.00	19.98	19.94	20.5
20	64QAM	50	25	19.95	19.97	19.98	20.5
20	256QAM	50	25	20.11	20.05	20.05	20.5

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	2	0	19.88	19.84	19.88	20.5
20	PI/2 BPSK	2	104	19.90	19.87	19.92	
20	PI/2 BPSK	1	0	19.83	19.83	19.85	
20	PI/2 BPSK	1	105	19.86	19.85	19.89	20.5
20	PI/2 BPSK	100	0	20.04	20.02	20.07	
20	PI/2 BPSK	50	25	20.06	20.04	20.09	
20	PI/2 BPSK	1	1	19.81	19.82	19.89	20.5
20	PI/2 BPSK	1	104	19.81	19.86	19.84	
20	QPSK	2	0	20.13	20.12	20.06	
20	QPSK	2	104	20.12	20.09	20.02	20.5
20	QPSK	1	0	20.07	20.05	19.99	
20	QPSK	1	105	20.04	20.04	19.94	
20	QPSK	100	0	19.75	19.74	19.73	20.5
20	QPSK	50	25	20.27	20.23	20.19	20.5
20	QPSK	1	1	20.10	20.06	20.01	
20	QPSK	1	104	20.08	20.04	20.48	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	16QAM	2	0	19.84	19.88	19.95	20.5
20	16QAM	2	104	19.97	19.91	19.97	
20	16QAM	1	0	19.56	19.61	19.66	
20	16QAM	1	105	19.59	19.58	19.65	
20	16QAM	100	0	19.95	20.02	20.03	20.5
20	16QAM	50	25	19.99	20.03	20.09	20.5
20	16QAM	1	1	19.62	19.58	19.58	
20	16QAM	1	104	19.65	19.59	19.53	
20	64QAM	2	0	20.07	20.12	20.10	20.5
20	64QAM	2	104	20.18	20.11	20.10	
20	64QAM	1	0	19.64	19.65	19.59	
20	64QAM	1	105	19.67	19.68	19.71	
20	64QAM	100	0	19.96	20.03	20.10	20.5
20	64QAM	50	25	20.12	20.06	20.01	20.5
20	64QAM	1	1	19.56	19.62	19.55	
20	64QAM	1	104	19.67	19.63	19.60	
20	256QAM	2	0	19.90	19.83	19.80	20.5
20	256QAM	2	104	19.89	19.82	19.83	
20	256QAM	1	0	20.14	20.19	20.26	
20	256QAM	1	105	20.26	20.24	20.25	
20	256QAM	100	0	20.04	20.01	19.96	20.5
20	256QAM	50	25	20.04	20.04	20.01	20.5
20	256QAM	1	1	20.26	20.21	20.27	
20	256QAM	1	104	20.18	20.21	20.25	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	20.06	20.03	20.05	20.5
15	QPSK	36	18	20.04	20.01	20.02	20.5
15	16QAM	36	18	20.05	20.03	20.08	20.5
15	64QAM	36	18	20.02	20.04	20.02	20.5
15	256QAM	36	18	20.13	20.06	20.08	20.5

Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	20.04	20.01	20.00	20.5
10	QPSK	25	12	19.97	20.03	20.06	20.5
10	16QAM	25	12	20.07	20.09	20.12	20.5
10	64QAM	25	12	20.00	20.01	20.04	20.5
10	256QAM	25	12	20.12	20.11	20.05	20.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	20.01	19.97	20.00	20.5
5	QPSK	12	6	19.91	19.97	19.98	20.5
5	16QAM	12	6	20.03	20.01	20.02	20.5
5	64QAM	12	6	20.00	19.94	19.87	20.5
5	256QAM	12	6	19.99	19.99	19.98	20.5

Antenna 6_Receiver off&Hotspot

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	50	25	21.08	21.05	21.09	21.5
20	16QAM	50	25	20.54	20.49	20.48	21.0
20	64QAM	50	25	18.94	18.97	19.00	19.5
20	256QAM	50	25	16.19	16.13	16.07	16.5

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				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	2	0	21.37	21.37	21.32	22.5
20	PI/2 BPSK	2	104	21.36	21.41	21.47	
20	PI/2 BPSK	1	0	21.29	21.34	21.39	
20	PI/2 BPSK	1	105	21.39	21.35	21.35	
20	PI/2 BPSK	100	0	21.51	21.52	21.48	22.5
20	PI/2 BPSK	50	25	21.29	21.24	21.19	23.0
20	PI/2 BPSK	1	1	21.12	21.07	21.01	
20	PI/2 BPSK	1	104	21.09	21.05	21.03	
20	QPSK	2	0	21.51	21.51	21.45	22.0
20	QPSK	2	104	21.51	21.49	21.41	
20	QPSK	1	0	21.48	21.46	21.40	
20	QPSK	1	105	21.45	21.43	21.38	
20	QPSK	100	0	21.62	21.60	21.61	22.0
20	QPSK	50	25	21.75	21.72	21.70	23.0
20	QPSK	1	1	21.49	21.56	21.53	
20	QPSK	1	104	21.59	21.55	21.48	

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	16QAM	2	0	20.86	20.91	20.95	21.0
20	16QAM	2	104	20.90	20.87	20.86	
20	16QAM	1	0	20.66	20.62	20.58	
20	16QAM	1	105	20.70	20.64	20.62	
20	16QAM	100	0	21.02	20.99	21.01	21.0
20	16QAM	50	25	21.52	21.50	21.52	22.0
20	16QAM	1	1	21.08	21.12	21.12	
20	16QAM	1	104	21.15	21.15	21.19	
20	64QAM	2	0	20.14	20.11	20.17	20.5
20	64QAM	2	104	20.09	20.11	20.04	
20	64QAM	1	0	19.68	19.64	19.71	
20	64QAM	1	105	19.72	19.65	19.60	
20	64QAM	100	0	19.99	20.03	20.09	20.5
20	64QAM	50	25	20.13	20.06	20.05	20.5
20	64QAM	1	1	19.71	19.64	19.65	
20	64QAM	1	104	19.56	19.63	19.61	
20	256QAM	2	0	18.24	18.31	18.24	18.5
20	256QAM	2	104	18.41	18.34	18.38	
20	256QAM	1	0	18.26	18.19	18.18	
20	256QAM	1	105	18.18	18.22	18.29	
20	256QAM	100	0	18.05	18.02	18.03	18.5
20	256QAM	50	25	18.05	18.02	18.07	18.5
20	256QAM	1	1	18.17	18.21	18.26	
20	256QAM	1	104	18.26	18.19	18.22	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	36	18	21.55	21.51	21.57	23.0
15	QPSK	36	18	21.59	21.52	21.47	23.0
15	16QAM	36	18	21.54	21.49	21.51	22.0
15	64QAM	36	18	20.04	20.07	20.03	20.5
15	256QAM	36	18	18.16	18.09	18.07	18.5

Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	25	12	21.58	21.54	21.57	23.0
10	QPSK	25	12	21.51	21.53	21.57	23.0
10	16QAM	25	12	21.55	21.51	21.44	22.0
10	64QAM	25	12	20.06	19.99	19.98	20.5
10	256QAM	25	12	18.09	18.05	18.11	18.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	12	6	21.55	21.49	21.56	23.0
5	QPSK	12	6	21.58	21.54	21.61	23.0
5	16QAM	12	6	21.59	21.53	21.58	22.0
5	64QAM	12	6	19.90	19.96	19.98	20.5
5	256QAM	12	6	17.92	17.96	17.99	18.5

Note:

1) The tested channel results are marks in bold.

6. Conducted power measurement results of duty cycle for 5G NR

Band	ANT	BW	Modulation	Channel	RB_confing	Duty Cycle (%)	Power Boost	DSI2(Head)		DSI1(Bodyworn)		DSI3 (hotspot)		Remark
								Average Power (dbm)	Tune-Up (dbm)	Average Power (dbm)	Tune-Up (dbm)	Average Power (dbm)	Tune-Up (dbm)	
N5	1#	20M	DFT-s-OFDM QPSK	167300	50@25	10	9.50	-	25	-	25	-	25	Signalling Mode
						20	6.70	-	25	-	25	-	25	
						30	5.00	-	25	-	25	-	25	
						40	3.80	-	25	-	25	-	25	
						50	2.90	-	25	-	25	-	25	
						60	2.10	23.90	25	23.90	25	23.90	25	
						70	1.40	23.50	25	23.50	25	23.50	25	
						80	0.90	22.50	25	22.50	25	22.50	25	
						100	0.00	23.88	25	23.88	25	23.88	25	FTM Mode
N7	3#	20M	DFT-s-OFDM QPSK	502000	50@25	10	9.50	-	23.7	-	19.7	-	18.2	Signalling Mode
						20	6.70	22.40	23.7	22.40	19.7	22.40	18.2	
						30	5.00	22.40	23.7	22.40	19.7	21.90	18.2	
						40	3.80	22.40	23.7	21.90	19.7	20.40	18.2	
						50	2.90	22.40	23.7	21.40	19.7	19.90	18.2	
						60	2.10	22.40	23.7	20.40	19.7	18.90	18.2	
						70	1.40	22.40	23.7	19.90	19.7	18.50	18.2	
						80	0.90	22.40	23.7	18.80	19.7	17.50	18.2	
						100	0.00	22.76	23.7	19.68	19.7	17.81	18.2	FTM Mode
N7	4#	20M	DFT-s-OFDM QPSK	512000	50@25	10	9.50	21.50	17.2	21.50	21.2	21.50	19.7	Signalling Mode
						20	6.70	21.50	17.2	21.50	21.2	21.50	19.7	
						30	5.00	21.00	17.2	21.50	21.2	21.50	19.7	
						40	3.80	19.50	17.2	21.50	21.2	21.50	19.7	
						50	2.90	19.00	17.2	21.50	21.2	21.50	19.7	
						60	2.10	17.90	17.2	21.50	21.2	20.50	19.7	
						70	1.40	17.60	17.2	21.50	21.2	20.00	19.7	
						80	0.90	16.50	17.2	20.50	21.2	19.00	19.7	
						100	0.00	17.16	17.2	21.07	21.2	19.55	19.7	FTM Mode
N38	3#	20M	DFT-s-OFDM QPSK	522000	25@12	10	9.50	-	24.2	-	20.7	-	19.2	Signalling Mode
						20	6.70	-	24.2	-	20.7	-	19.2	
						30	5.00	22.80	24.2	22.80	20.7	22.80	19.2	
						40	3.80	22.80	24.2	22.80	20.7	21.30	19.2	
						50	2.90	22.80	24.2	22.30	20.7	20.80	19.2	
						60	2.10	22.80	24.2	21.30	20.7	19.80	19.2	
						70	1.40	22.80	24.2	20.80	20.7	19.30	19.2	
						80	0.90	22.80	24.2	19.70	20.7	18.20	19.2	
						100	0.00	23.33	24.2	20.24	20.7	18.68	19.2	FTM Mode

Band	ANT	BW	Modulation	Channel	RB_confing	Duty Cycle (%)	Power Boost	DSI2(Head)		DSI1(Bodyworn)		DSI3 (hotspot)		Remark
								Average Power (dbm)	Tune-Up (dbm)	Average Power (dbm)	Tune-Up (dbm)	Average Power (dbm)	Tune-Up (dbm)	
N38	4#	20M	DFT-s-OFDM QPSK	522000	25@12	10	9.50	-	17.2	-	22.2	-	20.7	Signalling Mode
						20	6.70	21.30	17.2	21.30	22.2	21.30	20.7	
						30	5.00	21.30	17.2	21.30	22.2	21.30	20.7	
						40	3.80	19.80	17.2	21.30	22.2	21.30	20.7	
						50	2.90	19.30	17.2	21.30	22.2	21.30	20.7	
						60	2.10	18.10	17.2	21.30	22.2	20.70	20.7	
						70	1.40	17.70	17.2	21.30	22.2	20.20	20.7	
						80	0.90	17.00	17.2	20.90	22.2	19.60	20.7	
						100	0.00	16.79	17.2	21.53	22.2	20.46	20.7	FTM Mode
N41	3#	100M	DFT-s-OFDM QPSK	528000	135@67	10	9.50	-	24.2	-	20.7	-	19.2	Signalling Mode
						20	6.70	-	24.2	-	20.7	-	19.2	
						30	5.00	23.00	24.2	23.00	20.7	23.00	19.2	
						40	3.80	23.00	24.2	23.00	20.7	21.50	19.2	
						50	2.90	23.00	24.2	22.50	20.7	21.00	19.2	
						60	2.10	23.00	24.2	21.50	20.7	20.00	19.2	
						70	1.40	23.00	24.2	21.00	20.7	19.50	19.2	
						80	0.90	23.00	24.2	20.00	20.7	18.50	19.2	
						100	0.00	23.28	24.2	20.20	20.7	19.17	19.2	FTM Mode
N41	4#	100M	DFT-s-OFDM QPSK	509202	135@67	10	9.50	-	16.7	-	21.2	-	20.7	Signalling Mode
						20	6.70	21.40	16.7	21.40	21.2	21.40	20.7	
						30	5.00	21.40	16.7	21.40	21.2	21.40	20.7	
						40	3.80	20.40	16.7	21.40	21.2	21.40	20.7	
						50	2.90	19.90	16.7	21.40	21.2	21.40	20.7	
						60	2.10	19.00	16.7	21.40	21.2	21.00	20.7	
						70	1.40	18.50	16.7	21.40	21.2	20.50	20.7	
						80	0.90	17.30	16.7	20.80	21.2	19.40	20.7	
						100	0.00	16.36	16.7	20.45	21.2	20.64	20.7	FTM Mode
N66	3#	20M	DFT-s-OFDM QPSK	349000	50@25	10	9.50	-	24.2	-	24.2	-	23.7	Signalling Mode
						20	6.70	-	24.2	-	24.2	-	23.7	
						30	5.00	-	24.2	-	24.2	-	23.7	
						40	3.80	-	24.2	-	24.2	-	23.7	
						50	2.90	-	24.2	-	24.2	-	23.7	
						60	2.10	-	24.2	-	24.2	-	23.7	
						70	1.40	-	24.2	-	24.2	-	23.7	
						80	0.90	23.10	24.2	23.10	24.2	23.10	23.7	
						100	0.00	23.03	24.2	23.03	24.2	23.03	23.7	FTM Mode

Band	ANT	BW	Modulation	Channel	RB_confing	Duty Cycle (%)	Power Boost	DSI2(Head)		DSI1(Bodyworn)		DSI3 (hotspot)		Remark
								Average Power (dbm)	Tune-Up (dbm)	Average Power (dbm)	Tune-Up (dbm)	Average Power (dbm)	Tune-Up (dbm)	
N66	4#	20M	DFT-s-OFDM QPSK	344000	50@25	10	9.50	22.40	18.5	22.40	21	22.40	19.5	Signalling Mode
						20	6.70	22.40	18.5	22.40	21	22.40	19.5	
						30	5.00	22.40	18.5	22.40	21	22.40	19.5	
						40	3.80	20.90	18.5	22.40	21	21.90	19.5	
						50	2.90	20.40	18.5	22.40	21	21.40	19.5	
						60	2.10	19.40	18.5	21.90	21	20.40	19.5	
						70	1.40	18.90	18.5	21.40	21	19.90	19.5	
						80	0.90	17.90	18.5	20.40	21	18.90	19.5	
						100	0.00	18.46	18.5	20.53	21	19.00	19.5	FTM Mode