

1. GSM850

Sensor on/off	Receiver on/off										
Bandwidth	Band		Channel	Channel	Channel	Tune up limit (dBm)	Division Factor	Channel	Channel	Channel	Tune up limit (dBm)
			128	190	251			128	190	251	
0.2M	GSM850 (CS)		32.31	32.29	32.44	<b>33.0</b>	\	\	\	\	<b>33.0</b>
	GPRS/EGPRS (GMSK)	1 TimeSlot	32.49	32.44	32.59	<b>33.0</b>	-9.03	23.46	23.41	23.56	24.0
		2 TimeSlots	31.71	31.71	31.85	32.0	-6.02	25.69	25.69	25.83	26.0
		3 TimeSlots	29.94	29.96	30.13	31.0	-4.26	25.68	25.70	25.87	26.7
		4 TimeSlots	28.83	28.89	29.06	30.0	<b>-3.01</b>	25.82	25.88	<b>26.05</b>	<b>27.0</b>
	EGPRS (8PSK)	1 TimeSlot	26.05	26.22	25.12	27.0	-9.03	17.02	17.19	16.09	18.0
		2 TimeSlots	25.00	25.20	25.90	26.0	-6.02	18.98	19.18	19.88	20.0
		3 TimeSlots	22.83	22.98	22.91	24.0	-4.26	18.57	18.72	18.65	19.7
		4 TimeSlots	21.64	21.78	21.73	22.0	-3.01	18.63	18.77	18.72	19.0

2. GSM1900

Sensor off		Receiver on/off									
Bandwidth	Band		Channel	Channel	Channel	Tune up limit (dBm)	Division Factor	Channel	Channel	Channel	Tune up limit (dBm)
			512	661	810			512	661	810	
0.2M	GSM1900 (CS)		27.73	28.18	28.11	<b>29.0</b>	\	\	\	\	<b>29.0</b>
	GPRS/EGPRS (GMSK)	1 TimeSlot	27.74	28.23	28.15	<b>29.0</b>	-9.03	18.71	19.20	19.12	20.0
		2 TimeSlots	26.94	27.47	27.42	28.0	-6.02	20.92	21.45	21.40	22.0
		3 TimeSlots	25.05	25.65	25.67	26.0	-4.26	20.79	21.39	21.41	21.7
		4 TimeSlots	24.00	24.57	24.57	25.0	<b>-3.01</b>	20.99	<b>21.56</b>	<b>21.56</b>	<b>22.0</b>
	EGPRS (8PSK)	1 TimeSlot	24.34	24.12	23.94	25.0	-9.03	15.31	15.09	14.91	16.0
		2 TimeSlots	23.27	23.07	22.93	24.0	-6.02	17.25	17.05	16.91	18.0
		3 TimeSlots	21.24	21.03	20.87	22.0	-4.26	16.98	16.77	16.61	17.7
		4 TimeSlots	20.06	19.80	19.68	21.0	-3.01	17.05	16.79	16.67	18.0

Sensor on											
Bandwidth	Band		Channel	Channel	Channel	Tune up limit (dBm)	Division Factor	Channel	Channel	Channel	Tune up limit (dBm)
			512	661	810			512	661	810	
0.2M	GSM1900 (CS)		25.73	26.11	26.11	<b>26.5</b>	\	\	\	\	<b>26.5</b>
	GPRS1900	1 TimeSlot	25.74	26.11	26.11	<b>26.5</b>	-9.03	16.71	17.08	17.08	17.5
		2 TimeSlots	24.88	24.88	24.98	25.0	-6.02	18.86	18.86	18.96	19.0
		3 TimeSlots	23.05	23.45	22.41	23.5	-4.26	18.79	19.19	18.15	19.2
		4 TimeSlots	22.22	22.53	22.32	22.6	<b>-3.01</b>	19.21	<b>19.52</b>	19.31	<b>19.6</b>
	EGPRS1900	1 TimeSlot	22.34	22.12	21.94	22.5	-9.03	13.31	13.09	12.91	13.5
		2 TimeSlots	21.05	21.01	20.58	21.5	-6.02	15.03	14.99	14.56	15.5
		3 TimeSlots	19.55	19.01	18.74	20.0	-4.26	15.29	14.75	14.48	15.7
		4 TimeSlots	18.08	17.90	17.68	18.5	-3.01	15.07	14.89	14.67	15.5

3. WCDMA Band II

Sensor off		Receiver on/off			
Band 2		Average Power (dBm)			Tune up limit (dBm)
		9262CH	9400CH	9538CH	
WCDMA	12.2kbps RMC	20.93	20.80	20.67	21
	64kbps RMC	20.73	20.65	20.54	21
	144kbps RMC	20.74	20.68	20.53	21
	384kbps RMC	20.75	20.66	20.55	21
HSDPA	Subtest 1	19.93	19.81	19.67	20
	Subtest 2	19.68	19.80	19.67	20
	Subtest 3	19.67	19.79	19.68	20
	Subtest 4	19.68	19.80	19.68	20
HSUPA	Subtest 1	17.58	17.77	17.66	18
	Subtest 2	17.65	17.77	17.67	18
	Subtest 3	17.66	17.76	17.64	18
	Subtest 4	17.66	17.76	17.65	18
	Subtest 5	19.93	19.80	19.69	20

Sensor on		Receiver on/off			
Band 2		Average Power (dBm)			Tune up limit (dBm)
		9262CH	9400CH	9538CH	
WCDMA	12.2kbps RMC	19.24	18.56	18.47	19.3
	64kbps RMC	19.11	17.87	18.30	19.3
	144kbps RMC	19.12	17.92	18.34	19.3
	384kbps RMC	19.10	17.85	18.29	19.3
HSDPA	Subtest 1	17.97	17.96	17.70	18.5
	Subtest 2	17.96	18.00	17.79	18.5
	Subtest 3	18.08	17.98	17.75	18.5
	Subtest 4	18.12	17.83	17.71	18.5
HSUPA	Subtest 1	18.11	17.92	17.67	18.5
	Subtest 2	18.07	18.01	17.78	18.5
	Subtest 3	17.94	17.84	17.87	18.5
	Subtest 4	17.99	17.95	17.87	18.5
	Subtest 5	17.95	17.95	17.67	18.5

4. WCDMA Band IV

Sensor on/off	Receiver on/off	Average Power (dBm)			Tune up limit (dBm)
Band 4		1312CH	1413CH	1513CH	
WCDMA	12.2kbps RMC	20.90	20.96	21.03	21.5
	64kbps RMC	20.71	20.80	20.91	21.5
	144kbps RMC	20.80	20.76	20.91	21.5
	384kbps RMC	20.78	20.81	20.89	21.5
HSDPA	Subtest 1	19.91	19.96	20.02	20.5
	Subtest 2	20.03	19.96	20.03	20.5
	Subtest 3	20.02	19.94	20.02	20.5
	Subtest 4	20.04	19.97	20.03	20.5
HSUPA	Subtest 1	17.91	17.91	17.96	18.5
	Subtest 2	17.98	17.91	17.98	18.5
	Subtest 3	17.98	17.94	17.98	18.5
	Subtest 4	17.98	17.91	17.98	18.5
	Subtest 5	19.89	19.94	20.01	20.5

5. WCDMA Band V

Sensor on/off	Receiver on/off	Average Power (dBm)			Tune up limit (dBm)
Band 5		4132CH	4183CH	4233CH	
WCDMA	12.2kbps RMC	23.20	23.26	23.39	24
	64kbps RMC	23.03	23.15	23.24	24
	144kbps RMC	23.04	23.16	23.24	24
	384kbps RMC	23.05	23.14	23.20	24
HSDPA	Subtest 1	22.21	22.24	22.48	23
	Subtest 2	22.55	22.25	22.41	23
	Subtest 3	22.51	22.24	22.47	23
	Subtest 4	22.53	22.24	22.38	23
HSUPA	Subtest 1	20.77	20.28	20.38	21
	Subtest 2	20.34	20.31	20.36	21
	Subtest 3	20.37	20.29	20.37	22
	Subtest 4	20.40	20.30	20.35	22
	Subtest 5	22.28	22.32	22.39	23

6. LTE Band 2

Sensor off	Receiver on/off						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.52	20.31	20.15	22
		1	2	20.50	20.32	20.14	22
		1	5	20.52	20.32	20.16	22
		3	0	20.48	20.34	20.18	22
		3	1	20.46	20.34	20.18	22
		3	3	20.49	20.33	20.18	22
	16QAM	6	0	19.49	19.33	19.17	21
		1	0	19.64	19.52	19.35	21
		1	2	19.68	19.54	19.37	21
		1	5	19.63	19.47	19.31	21
		3	0	19.35	19.24	19.09	21
		3	1	19.36	19.24	19.09	21
		3	3	19.33	19.18	19.10	21
		6	0	18.50	18.37	18.04	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				18615	18900	19185	
3MHz	QPSK	1	0	20.49	20.36	20.22	22
		1	8	20.51	20.39	20.20	22
		1	14	20.42	20.34	20.11	22
		8	0	19.48	19.34	19.22	21
		8	4	19.47	19.33	19.18	21
		8	7	19.42	19.33	19.16	21
		15	0	19.43	19.38	19.13	21
	16QAM	1	0	19.66	19.58	19.08	21
		1	8	19.68	19.52	19.07	21
		1	14	19.56	19.48	19.03	21
		8	0	18.50	18.35	18.21	20
		8	4	18.47	18.34	18.21	20
		8	7	18.47	18.36	18.18	20
		15	0	18.44	18.29	18.12	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				18625	18900	19175	
5MHz	QPSK	1	0	20.65	20.47	20.36	22
		1	12	20.58	20.49	20.33	22
		1	24	20.50	20.51	20.36	22
		12	0	19.47	19.39	19.16	21
		12	6	19.46	19.35	19.18	21
		12	13	19.40	19.39	19.17	21
		25	0	19.47	19.41	19.22	21
	16QAM	1	0	19.55	19.66	19.31	21
		1	12	19.47	19.68	19.29	21
		1	24	19.45	19.71	19.27	21
		12	0	18.44	18.36	18.21	20
		12	6	18.41	18.34	18.17	20
		12	13	18.39	18.41	18.21	20
		25	0	18.47	18.37	18.26	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				18650	18900	19150	
10MHz	QPSK	1	0	20.52	20.26	20.27	22
		1	24	20.42	20.39	20.26	22

		1	49	20.32	20.39	20.13	22
		25	0	19.40	19.27	19.30	21
		25	12	19.42	19.29	19.30	21
		25	25	19.45	19.44	19.33	21
		50	0	19.43	19.38	19.35	21
	16QAM	1	0	19.64	19.48	19.47	21
		1	24	19.63	19.59	19.41	21
		1	49	19.49	19.59	19.31	21
		25	0	18.42	18.28	18.34	20
		25	12	18.43	18.29	18.34	20
		25	25	18.41	18.46	18.33	20
50	0	18.39	18.35	18.32	20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				18675	18900	19125	
15MHz	QPSK	1	0	20.47	20.18	20.30	22
		1	38	20.36	20.35	20.29	22
		1	74	20.14	20.34	20.12	22
		36	0	19.42	19.27	19.30	21
		36	18	19.40	19.21	19.34	21
		36	37	19.41	19.23	19.29	21
		75	0	19.36	19.37	19.31	21
	16QAM	1	0	19.63	19.48	19.20	21
		1	38	19.50	19.67	19.15	21
		1	74	19.34	19.63	19.02	21
		36	0	18.42	18.28	18.29	20
		36	18	18.41	18.29	18.27	20
		36	37	18.39	18.31	18.28	20
		75	0	18.30	18.33	18.30	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				18700	18900	19100	
20MHz	QPSK	1	0	20.57	20.22	20.23	22
		1	49	20.49	20.42	20.22	22
		1	99	20.24	20.38	20.08	22
		50	0	19.38	19.26	19.42	21
		50	25	19.37	19.24	19.43	21
		50	50	19.27	19.51	19.28	21
		100	0	19.32	19.36	19.40	21
	16QAM	1	0	19.57	19.42	19.34	21
		1	49	19.46	19.62	19.29	21
		1	99	19.21	19.59	19.09	21
		50	0	18.35	18.25	18.46	20
		50	25	18.33	18.24	18.45	20
		50	50	18.23	18.49	18.29	20
		100	0	18.28	18.33	18.35	20

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)	
				18607	18900	19193		
1.4MHz	QPSK	1	0	17.79	17.69	17.73	18.2	
		1	2	17.68	17.59	17.62	18.2	
		1	5	17.60	17.49	17.54	18.2	
		3	0	17.68	17.50	17.62	18.2	
		3	1	17.64	17.57	17.58	18.2	
		3	3	17.52	17.58	17.58	18.2	
	16QAM	6	0	17.59	17.52	17.59	18.2	
		1	0	17.81	17.70	17.72	18.2	
		1	2	17.62	17.50	17.55	18.2	
		1	5	17.67	17.54	17.52	18.2	
		3	0	17.66	17.60	17.56	18.2	
		3	1	17.63	17.50	17.59	18.2	
3MHz	QPSK	3	3	17.46	17.52	17.58	18.2	
		6	0	17.62	17.57	17.52	18.2	
		1	0	17.73	17.64	17.69	18.2	
		1	8	17.62	17.44	17.52	18.2	
		1	14	17.63	17.51	17.57	18.2	
		8	0	17.55	17.53	17.57	18	
	16QAM	8	4	17.60	17.44	17.53	18	
		8	7	17.41	17.52	17.54	18	
		15	0	17.53	17.48	17.53	18	
		1	0	17.82	17.64	17.68	18	
		1	8	17.62	17.45	17.57	18	
		1	14	17.64	17.51	17.50	18	
5MHz	QPSK	8	0	17.66	17.53	17.58	18	
		8	4	17.62	17.51	17.52	18	
		8	7	17.44	17.53	17.56	18	
		15	0	17.69	17.47	17.57	18	
		1	0	17.89	17.64	17.74	18.2	
		1	12	17.71	17.48	17.57	18.2	
	16QAM	1	24	17.76	17.49	17.58	18.2	
		12	0	17.72	17.45	17.64	18	
		12	6	17.76	17.46	17.54	18	
		12	13	17.63	17.51	17.57	18	
		25	0	17.74	17.54	17.56	18	
		1	0	17.73	17.68	17.79	18	
10MHz	QPSK	1	12	17.63	17.50	17.60	18	
		1	24	17.54	17.57	17.68	18	
		12	0	17.56	17.57	17.59	18	
		12	6	17.55	17.50	17.67	18	
		12	13	17.39	17.48	17.68	18	
		25	0	17.61	17.54	17.59	18	
	10MHz	QPSK	1	0	Channel	Channel	Channel	Tune up limit (dBm)
					18625	18900	19175	
	10MHz	QPSK	1	0	Channel	Channel	Channel	Tune up limit (dBm)
					18650	18900	19150	



		1	24	18.00	17.85	17.95	18.2
		1	49	17.95	17.79	17.92	18.2
		25	0	17.95	17.84	17.86	18
		25	12	17.93	17.79	17.93	18
		25	25	17.97	17.88	17.85	18
		50	0	17.94	17.88	17.89	18
	16QAM	1	0	17.93	17.81	17.90	18
		1	24	17.92	17.85	17.91	18
		1	49	17.95	17.87	17.88	18
		25	0	17.98	17.80	17.90	18
		25	12	17.94	17.86	17.86	18
		25	25	17.92	17.85	17.89	18
		50	0	17.93	17.79	17.89	18
		50	0	17.93	17.79	17.89	18
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				18675	18900	19125	
15MHz	QPSK	1	0	17.95	17.88	17.85	18.2
		1	38	17.93	17.80	17.86	18.2
		1	74	17.97	17.83	17.86	18.2
		36	0	17.93	17.87	17.94	18
		36	18	17.99	17.78	17.91	18
		36	37	17.96	17.78	17.94	18
		75	0	17.92	17.84	17.93	18
	16QAM	1	0	17.97	17.83	17.89	18
		1	38	17.50	17.78	17.91	18
		1	74	17.62	17.86	17.86	18
		36	0	17.97	17.84	17.95	18
		36	18	17.91	17.79	17.86	18
		36	37	17.59	17.48	17.60	18
		75	0	17.74	17.53	17.62	18
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				18700	18900	19100	
20MHz	QPSK	1	0	18.11	17.98	18.05	18.2
		1	49	18.00	17.80	17.86	18.2
		1	99	18.00	17.84	17.92	18.2
		50	0	17.85	17.87	17.80	18
		50	25	17.65	17.83	17.93	18
		50	50	17.90	17.92	17.93	18
		100	0	17.94	17.85	17.88	18
	16QAM	1	0	17.90	17.68	17.70	18
		1	49	17.78	17.58	17.54	18
		1	99	17.76	17.58	17.55	18
		50	0	17.77	17.50	17.58	18
		50	25	17.75	17.54	17.60	18
		50	50	17.62	17.48	17.56	18
		100	0	17.73	17.57	17.51	18

EN-DC							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	12.44	12.21	12.34	13
		1	2	12.34	12.02	12.15	13
		1	5	12.29	12.07	12.20	13
		3	0	12.33	12.10	12.15	13
		3	1	12.28	12.03	12.19	13
		3	3	12.09	12.02	12.22	13
		6	0	12.31	12.04	12.19	13
	16QAM	1	0	12.32	12.29	12.34	12.5
		1	2	12.17	12.14	12.15	12.5
		1	5	12.21	12.19	12.20	12.5
		3	0	12.12	12.18	12.23	12.5
		3	1	12.19	12.19	12.24	12.5
		3	3	12.02	12.19	12.18	12.5
		6	0	12.21	12.12	12.23	12.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	12.33	12.27	12.29	13
		1	8	12.14	12.07	12.14	13
		1	14	12.15	12.17	12.17	13
		8	0	12.22	12.08	12.18	13
		8	4	12.15	12.14	12.17	13
		8	7	11.98	12.17	12.16	13
		15	0	12.21	12.13	12.18	13
	16QAM	1	0	12.40	12.23	12.34	12.5
		1	8	12.22	12.13	12.19	12.5
		1	14	12.22	12.10	12.18	12.5
		8	0	12.24	12.12	12.21	12.5
		8	4	12.24	12.11	12.21	12.5
		8	7	12.05	12.03	12.20	12.5
		15	0	12.22	12.13	12.16	12.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	12.40	12.20	12.31	13
		1	12	12.29	12.00	12.21	13
		1	24	12.29	12.05	12.19	13
		12	0	12.26	12.02	12.19	13
		12	6	12.28	12.00	12.11	13
		12	13	12.09	12.07	12.17	13
		25	0	12.24	12.10	12.14	13
	16QAM	1	0	12.32	12.23	12.37	12.5
		1	12	12.22	12.11	12.17	12.5
		1	24	12.13	12.12	12.20	12.5
		12	0	12.18	12.08	12.20	12.5
		12	6	12.14	12.09	12.24	12.5
		12	13	11.94	12.06	12.22	12.5
		25	0	12.15	12.07	12.20	12.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	12.34	12.22	12.34	13
		1	24	12.18	12.04	12.14	13

		1	49	12.20	12.06	12.22	13
		25	0	12.19	12.12	12.21	13
		25	12	12.21	12.04	12.19	13
		25	25	12.01	12.05	12.16	13
		50	0	12.15	12.04	12.19	13
	16QAM	1	0	12.42	12.17	12.32	12.5
		1	24	12.26	12.06	12.21	12.5
		1	49	12.27	12.05	12.19	12.5
		25	0	12.27	12.03	12.14	12.5
		25	12	12.22	12.04	12.21	12.5
		25	25	12.08	11.99	12.22	12.5
50	0	12.22	12.01	12.18	12.5		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	12.45	12.25	12.37	13
		1	38	12.27	12.06	12.27	13
		1	74	12.28	12.11	12.23	13
		36	0	12.29	12.08	12.27	13
		36	18	12.26	12.13	12.27	13
		36	37	12.15	12.09	12.25	13
		75	0	12.33	12.11	12.18	13
	16QAM	1	0	12.41	12.27	12.30	12.5
		1	38	12.30	12.09	12.18	12.5
		1	74	12.25	12.12	12.15	12.5
		36	0	12.29	12.12	12.11	12.5
		36	18	12.25	12.09	12.17	12.5
		36	37	12.08	12.07	12.16	12.5
		75	0	12.27	12.08	12.10	12.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	12.67	12.53	12.62	13
		1	49	12.54	12.40	12.44	13
		1	99	12.56	12.38	12.45	13
		50	0	12.42	12.35	12.44	13
		50	25	12.44	12.36	12.46	13
		50	50	12.48	12.37	12.51	13
		100	0	12.49	12.39	12.47	13
	16QAM	1	0	12.35	12.20	12.24	12.5
		1	49	12.19	12.03	12.14	12.5
		1	99	12.20	12.05	12.13	12.5
		50	0	12.23	12.01	12.08	12.5
		50	25	12.16	12.01	12.13	12.5
		50	50	12.01	12.01	12.14	12.5
		100	0	12.21	12.03	12.12	12.5

7. LTE Band 4

Sensor on/off	Receiver on/off						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.10	20.41	20.44	21
		1	2	20.13	20.36	20.44	21
		1	5	20.14	20.38	20.45	21
		3	0	20.16	20.32	20.52	21
		3	1	20.17	20.35	20.51	21
		3	3	20.21	20.36	20.51	21
		6	0	19.16	19.35	19.51	20
	16QAM	1	0	19.25	19.31	19.60	20
		1	2	19.37	19.26	19.64	20
		1	5	19.32	19.14	19.59	20
		3	0	19.05	19.31	19.40	20
		3	1	19.04	19.30	19.40	20
		3	3	19.07	19.21	19.37	20
		6	0	18.01	18.31	18.55	19
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				19965	20175	20385	
3MHz	QPSK	1	0	20.11	20.40	20.43	21
		1	8	20.22	20.40	20.46	21
		1	14	20.22	20.36	20.47	21
		8	0	19.10	19.36	19.52	20
		8	4	19.12	19.37	19.50	20
		8	7	19.18	19.35	19.51	20
		15	0	19.15	19.36	19.49	20
	16QAM	1	0	19.32	19.62	19.35	20
		1	8	19.37	19.53	19.40	20
		1	14	19.41	19.45	19.42	20
		8	0	18.21	18.38	18.56	19
		8	4	18.17	18.35	18.54	19
		8	7	18.26	18.37	18.54	19
		15	0	18.18	18.31	18.47	19
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				19975	20175	20375	
5MHz	QPSK	1	0	20.32	20.52	20.61	21
		1	12	20.40	20.48	20.63	21
		1	24	20.44	20.46	20.72	21
		12	0	19.18	19.39	19.50	20
		12	6	19.17	19.35	19.52	20
		12	13	19.28	19.37	19.53	20
		25	0	19.23	19.37	19.54	20
	16QAM	1	0	19.19	19.67	19.53	20
		1	12	19.31	19.66	19.57	20
		1	24	19.37	19.65	19.63	20
		12	0	18.15	18.41	18.53	19
		12	6	18.11	18.41	18.54	19
		12	13	18.25	18.37	18.53	19
		25	0	18.22	18.35	18.53	19
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				20000	20175	20350	

10MHz	QPSK	1	0	20.21	20.48	20.46	21
		1	24	20.38	20.43	20.46	21
		1	49	20.47	20.34	20.55	21
		25	0	19.19	19.41	19.39	20
		25	12	19.22	19.41	19.39	20
		25	25	19.42	19.38	19.51	20
		50	0	19.34	19.42	19.46	20
	16QAM	1	0	19.35	19.61	19.58	20
		1	24	19.52	19.63	19.65	20
		1	49	19.60	19.50	19.72	20
		25	0	18.17	18.40	18.36	19
		25	12	18.17	18.38	18.38	19
		25	25	18.38	18.35	18.53	19
		50	0	18.30	18.32	18.43	19
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up limit (dBm)
15MHz	QPSK	1	0	20.07	20.32	20.36	21
		1	38	20.31	20.31	20.45	21
		1	74	20.45	20.17	20.48	21
		36	0	19.12	19.32	19.35	20
		36	18	19.20	19.37	19.35	20
		36	37	19.21	19.37	19.34	20
		75	0	19.28	19.36	19.41	20
	16QAM	1	0	19.21	19.64	19.48	20
		1	38	19.49	19.61	19.62	20
		1	74	19.61	19.47	19.63	20
		36	0	18.10	18.39	18.28	19
		36	18	18.18	18.43	18.32	19
		36	37	18.15	18.44	18.31	19
		75	0	18.24	18.30	18.35	19
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up limit (dBm)
20MHz	QPSK	1	0	20.05	20.34	20.41	21
		1	49	20.46	20.37	20.54	21
		1	99	20.50	20.27	20.57	21
		50	0	19.18	19.46	19.33	20
		50	25	19.15	19.45	19.33	20
		50	50	19.36	19.39	19.52	20
		100	0	19.27	19.36	19.43	20
	16QAM	1	0	19.01	19.53	19.39	20
		1	49	19.44	19.69	19.52	20
		1	99	19.44	19.49	19.50	20
		50	0	18.14	18.39	18.28	19
		50	25	18.13	18.40	18.28	19
		50	50	18.33	18.37	18.47	19
		100	0	18.23	18.38	18.37	19

8. LTE Band 5

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.76	22.77	22.88	24
		1	2	22.70	22.73	22.81	24
		1	5	22.74	22.71	22.84	24
		3	0	22.83	22.73	22.95	24
		3	1	22.81	22.74	22.95	24
		3	3	22.83	22.70	22.88	24
	16QAM	6	0	21.78	21.72	21.95	23
		1	0	21.93	21.65	21.97	23
		1	2	21.96	21.63	21.98	23
		1	5	21.95	21.60	21.86	23
		3	0	21.69	21.59	21.84	23
		3	1	21.69	21.59	21.84	23
		3	3	21.70	21.53	21.78	23
		6	0	20.66	20.66	20.95	22
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				20415	20525	20635	
3MHz	QPSK	1	0	22.80	22.74	22.99	24
		1	8	22.79	22.68	22.99	24
		1	14	22.77	22.69	22.94	24
		8	0	21.71	21.68	21.96	23
		8	4	21.72	21.71	21.98	23
		8	7	21.71	21.67	21.91	23
		15	0	21.71	21.72	22.01	23
	16QAM	1	0	21.97	21.95	22.13	23
		1	8	21.97	21.82	22.12	23
		1	14	21.93	21.83	22.06	23
		8	0	20.80	20.71	21.05	22
		8	4	20.78	20.72	21.03	22
		8	7	20.77	20.67	20.98	22
		15	0	20.74	20.63	20.93	22
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				20425	20525	20625	
5MHz	QPSK	1	0	22.97	22.86	23.01	24
		1	12	22.91	22.80	23.07	24
		1	24	22.90	22.81	23.09	24
		12	0	21.69	21.81	22.07	23
		12	6	21.69	21.84	22.05	23
		12	13	21.78	21.67	21.88	23
		25	0	21.77	21.79	22.00	23
	16QAM	1	0	21.88	22.01	21.95	23
		1	12	21.76	21.99	22.01	23
		1	24	21.80	21.97	22.01	23
		12	0	20.66	20.87	21.01	22
		12	6	20.69	20.87	21.00	22
		12	13	20.81	20.71	20.73	22
		25	0	20.76	20.76	20.84	22
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				20450	20525	20600	
10MHz	QPSK	1	0	22.85	22.73	22.78	24

		1	24	22.82	22.75	22.86	24
		1	49	22.75	22.72	22.99	24
		25	0	21.67	21.93	21.60	23
		25	12	21.66	21.91	21.60	23
		25	25	21.61	21.88	21.51	23
		50	0	21.68	21.88	21.64	23
	16QAM	1	0	22.02	21.96	21.98	23
		1	24	21.96	21.92	22.00	23
		1	49	21.93	21.91	22.16	23
		25	0	20.65	20.96	20.57	22
		25	12	20.65	20.99	20.57	22
		25	25	20.61	20.87	20.55	22
		50	0	20.58	20.90	20.58	22

9. LTE Band 7

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				20775	21100	21425	
5MHz	QPSK	1	0	18.14	17.97	18.58	19.5
		1	12	18.08	17.96	18.52	19.5
		1	24	18.10	17.96	18.62	19.5
		12	0	17.05	16.90	17.55	18
		12	6	17.03	16.86	17.54	18
		12	13	17.00	16.84	17.46	18
		25	0	17.00	16.87	17.48	18
	16QAM	1	0	17.25	16.91	17.68	18
		1	12	17.24	16.86	17.72	18
		1	24	17.30	16.88	17.78	18
		12	0	16.08	15.84	16.59	17.5
		12	6	16.04	15.85	16.56	17.5
		12	13	16.07	15.76	16.47	17.5
		25	0	16.01	15.88	16.48	17.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				20800	21100	21400	
10MHz	QPSK	1	0	18.06	17.82	18.36	19.5
		1	24	18.06	17.81	18.45	19.5
		1	49	18.16	17.88	18.47	19.5
		25	0	16.96	16.86	17.42	18
		25	12	17.01	16.91	17.43	18
		25	25	17.15	16.81	17.40	18
		50	0	17.10	16.85	17.47	18
	16QAM	1	0	17.19	16.99	17.55	18
		1	24	17.22	17.00	17.61	18
		1	49	17.32	17.04	17.64	18
		25	0	15.99	15.88	16.39	17.5
		25	12	16.00	15.88	16.39	17.5
		25	25	16.15	15.79	16.42	17.5
		50	0	16.04	15.85	16.42	17.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				20825	21100	21375	
15MHz	QPSK	1	0	17.97	17.76	18.23	19.5
		1	38	18.07	17.77	18.44	19.5
		1	74	18.05	17.81	18.44	19.5
		36	0	16.91	16.82	17.31	18
		36	18	16.94	16.81	17.32	18
		36	37	16.94	16.77	17.33	18
		75	0	17.01	16.88	17.33	18
	16QAM	1	0	17.11	16.93	17.41	18
		1	38	17.27	16.94	17.59	18
		1	74	17.22	16.99	17.58	18
		36	0	15.90	15.82	16.28	17.5
		36	18	15.96	15.79	16.29	17.5
		36	37	15.90	15.80	16.27	17.5
		75	0	15.98	15.72	16.28	17.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	



				20850	21100	21350	Tune up limit (dBm)
20MHz	QPSK	1	0	18.02	17.75	18.19	19.5
		1	49	18.17	17.82	18.50	19.5
		1	99	17.99	17.94	18.54	19.5
		50	0	16.94	16.87	17.27	18
		50	25	16.94	16.83	17.28	18
		50	50	17.13	16.78	17.39	18
		100	0	17.07	16.84	17.30	18
	16QAM	1	0	16.97	16.94	17.18	18
		1	49	17.12	17.04	17.45	18
		1	99	16.96	17.15	17.48	18
		50	0	15.91	15.87	16.27	17.5
		50	25	15.90	15.87	16.27	17.5
		50	50	16.12	15.82	16.35	17.5
		100	0	16.05	15.84	16.27	17.5

10. LTE Band 12

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				23017	23095	23173	
1.4MHz	QPSK	1	0	22.64	22.60	22.34	23.5
		1	2	22.62	22.50	22.33	23.5
		1	5	22.65	22.54	22.35	23.5
		3	0	22.71	22.58	22.44	23.5
		3	1	22.71	22.60	22.42	23.5
		3	3	22.74	22.54	22.51	23.5
		6	0	21.65	21.60	21.39	22.5
	16QAM	1	0	21.86	21.71	21.54	22.5
		1	2	21.88	21.75	21.59	22.5
		1	5	21.84	21.65	21.58	22.5
		3	0	21.59	21.53	21.35	22.5
		3	1	21.56	21.51	21.35	22.5
		3	3	21.58	21.45	21.37	22.5
		6	0	20.60	20.69	20.28	21.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				23025	23095	23165	
3MHz	QPSK	1	0	22.75	22.66	22.47	23.5
		1	8	22.69	22.56	22.36	23.5
		1	14	22.71	22.56	22.34	23.5
		8	0	21.67	21.58	21.48	22.5
		8	4	21.65	21.55	21.50	22.5
		8	7	21.65	21.54	21.41	22.5
		15	0	21.65	21.57	21.42	22.5
	16QAM	1	0	21.87	21.89	21.36	22.5
		1	8	21.86	21.76	21.34	22.5
		1	14	21.87	21.71	21.29	22.5
		8	0	20.79	20.65	20.48	21.5
		8	4	20.76	20.63	20.50	21.5
		8	7	20.77	20.62	20.45	21.5
		15	0	20.71	20.56	20.33	21.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				23035	23095	23155	
5MHz	QPSK	1	0	22.88	22.73	22.65	23.5
		1	12	22.87	22.73	22.62	23.5
		1	24	22.90	22.71	22.60	23.5
		12	0	21.69	21.61	21.51	22.5
		12	6	21.72	21.63	21.51	22.5
		12	13	21.74	21.53	21.41	22.5
		25	0	21.74	21.58	21.51	22.5
	16QAM	1	0	21.76	21.88	21.62	22.5
		1	12	21.74	21.88	21.55	22.5
		1	24	21.79	21.84	21.57	22.5
		12	0	20.72	20.71	20.59	21.5
		12	6	20.73	20.73	20.62	21.5
		12	13	20.78	20.63	20.41	21.5
		25	0	20.81	20.66	20.53	21.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				23060	23095	23130	
10MHz	QPSK	1	0	22.76	22.71	22.69	23.5

		1	24	22.78	22.62	22.54	23.5
		1	49	22.70	22.48	22.39	23.5
		25	0	21.67	21.57	21.61	22.5
		25	12	21.66	21.59	21.63	22.5
		25	25	21.73	21.49	21.48	22.5
		50	0	21.74	21.58	21.60	22.5
	16QAM	1	0	21.88	21.92	21.57	22.5
		1	24	21.95	21.84	21.42	22.5
		1	49	21.81	21.71	21.30	22.5
		25	0	20.74	20.67	20.70	21.5
		25	12	20.74	20.69	20.73	21.5
		25	25	20.82	20.60	20.59	21.5
		50	0	20.74	20.58	20.63	21.5

11. LTE Band 13

Sensor on/off	Receiver on/off						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				23205	23230	23255	
5MHz	QPSK	1	0	23.09	23.21	23.16	23.5
		1	12	23.14	23.17	23.10	23.5
		1	24	23.17	23.15	23.13	23.5
		12	0	22.00	22.00	21.98	22.5
		12	6	21.97	22.00	21.94	22.5
		12	13	22.03	22.07	21.90	22.5
	16QAM	25	0	22.02	22.07	21.96	22.5
		1	0	21.96	22.04	22.28	22.5
		1	12	21.98	22.05	22.21	22.5
		1	24	22.06	22.03	22.24	22.5
		12	0	21.00	20.98	20.98	21.5
		12	6	20.98	20.98	20.99	21.5
		12	13	21.02	21.08	20.98	21.5
		25	0	21.03	21.10	20.94	21.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				N/A	23230	N/A	
10MHz	QPSK	1	0	N/A	23.03	N/A	23.5
		1	24	N/A	23.10	N/A	23.5
		1	49	N/A	23.07	N/A	23.5
		25	0	N/A	21.99	N/A	22.5
		25	12	N/A	22.00	N/A	22.5
		25	25	N/A	22.09	N/A	22.5
		50	0	N/A	22.02	N/A	22.5
	16QAM	1	0	N/A	22.16	N/A	22.5
		1	24	N/A	22.23	N/A	22.5
		1	49	N/A	22.22	N/A	22.5
		25	0	N/A	21.02	N/A	21.5
		25	12	N/A	21.00	N/A	21.5
		25	25	N/A	21.09	N/A	21.5
		50	0	N/A	21.06	N/A	21.5

12. LTE Band 25

Sensor off	Receiver on/off						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				26047	26365	26683	
1.4MHz	QPSK	1	0	20.58	20.45	20.18	21.5
		1	2	20.62	20.47	20.16	21.5
		1	5	20.63	20.50	20.16	21.5
		3	0	20.57	20.46	20.23	21.5
		3	1	20.59	20.47	20.22	21.5
		3	3	20.63	20.48	20.27	21.5
		6	0	19.57	19.47	19.23	20.5
	16QAM	1	0	19.75	19.61	19.37	20.5
		1	2	19.82	19.67	19.42	20.5
		1	5	19.78	19.60	19.40	20.5
		3	0	19.49	19.35	19.14	20.5
		3	1	19.51	19.36	19.13	20.5
		3	3	19.48	19.31	19.13	20.5
		6	0	18.39	18.48	18.06	19.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				26055	26365	26675	
3MHz	QPSK	1	0	20.60	20.44	20.15	21.5
		1	8	20.62	20.51	20.15	21.5
		1	14	20.52	20.45	20.20	21.5
		8	0	19.58	19.47	19.26	20.5
		8	4	19.59	19.43	19.24	20.5
		8	7	19.54	19.49	19.15	20.5
		15	0	19.56	19.47	19.21	20.5
	16QAM	1	0	19.75	19.61	19.38	20.5
		1	8	19.75	19.64	19.34	20.5
		1	14	19.65	19.60	19.37	20.5
		8	0	18.65	18.50	18.22	19.5
		8	4	18.65	18.51	18.25	19.5
		8	7	18.60	18.52	18.19	19.5
		15	0	18.58	18.50	18.16	19.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				26065	26365	26665	
5MHz	QPSK	1	0	20.74	20.56	20.35	21.5
		1	12	20.66	20.63	20.36	21.5
		1	24	20.67	20.65	20.41	21.5
		12	0	19.58	19.50	19.30	20.5
		12	6	19.57	19.47	19.30	20.5
		12	13	19.52	19.52	19.11	20.5
		25	0	19.58	19.48	19.28	20.5
	16QAM	1	0	19.72	19.71	19.31	20.5
		1	12	19.60	19.78	19.33	20.5
		1	24	19.58	19.81	19.32	20.5
		12	0	18.52	18.43	18.28	19.5
		12	6	18.53	18.46	18.31	19.5
		12	13	18.50	18.48	18.09	19.5
		25	0	18.58	18.46	18.22	19.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				26090	26365	26640	

10MHz	QPSK	1	0	20.64	20.44	20.25	21.5
		1	24	20.58	20.56	20.22	21.5
		1	49	20.40	20.48	20.17	21.5
		25	0	19.54	19.46	19.20	20.5
		25	12	19.53	19.42	19.19	20.5
		25	25	19.52	19.60	19.09	20.5
		50	0	19.54	19.55	19.14	20.5
	16QAM	1	0	19.79	19.58	19.39	20.5
		1	24	19.76	19.72	19.36	20.5
		1	49	19.55	19.70	19.37	20.5
		25	0	18.55	18.42	18.17	19.5
		25	12	18.51	18.44	18.21	19.5
		25	25	18.49	18.55	18.12	19.5
		50	0	18.52	18.52	18.10	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 26115	Channel 26365	Channel 26615	Tune up limit (dBm)
15MHz	QPSK	1	0	20.55	20.30	20.36	21.5
		1	38	20.45	20.49	20.26	21.5
		1	74	20.17	20.43	20.18	21.5
		36	0	19.49	19.43	19.29	20.5
		36	18	19.52	19.44	19.29	20.5
		36	37	19.48	19.44	19.30	20.5
		75	0	19.41	19.49	19.19	20.5
	16QAM	1	0	19.72	19.58	19.25	20.5
		1	38	19.63	19.81	19.12	20.5
		1	74	19.35	19.73	19.07	20.5
		36	0	18.45	18.48	18.20	19.5
		36	18	18.43	18.44	18.21	19.5
		36	37	18.45	18.41	18.24	19.5
		75	0	18.38	18.48	18.18	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 26140	Channel 26365	Channel 26590	Tune up limit (dBm)
20MHz	QPSK	1	0	20.71	20.31	20.27	21.5
		1	49	20.54	20.58	20.22	21.5
		1	99	20.34	20.54	20.06	21.5
		50	0	19.52	19.42	19.44	20.5
		50	25	19.49	19.38	19.45	20.5
		50	50	19.35	19.63	19.20	20.5
		100	0	19.41	19.51	19.33	20.5
	16QAM	1	0	19.72	19.53	19.36	20.5
		1	49	19.49	19.80	19.29	20.5
		1	99	19.30	19.73	19.16	20.5
		50	0	18.47	18.37	18.46	19.5
		50	25	18.47	18.40	18.47	19.5
		50	50	18.30	18.62	18.22	19.5
		100	0	18.40	18.47	18.34	19.5

Sensor on							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				26047	26365	26683	
1.4MHz	QPSK	1	0	17.90	17.70	17.82	18.2
		1	2	17.12	17.42	17.55	18.2
		1	5	17.36	17.26	17.42	18.2
		3	0	17.39	17.25	17.41	18.2
		3	1	17.39	17.05	17.35	18.2
		3	3	17.36	17.31	17.39	18.2
		6	0	17.24	17.23	17.36	17.8
	16QAM	1	0	17.36	17.26	17.35	17.8
		1	2	17.24	17.34	17.35	17.8
		1	5	17.32	17.30	17.21	17.8
		3	0	17.39	17.08	17.23	17.8
		3	1	17.42	17.11	17.34	17.8
		3	3	17.25	17.31	17.34	17.8
		6	0	17.47	17.29	17.42	17.8
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				26055	26365	26675	
3MHz	QPSK	1	0	17.91	17.63	17.78	18.2
		1	8	17.78	17.46	17.66	18.2
		1	14	17.76	17.43	17.67	18.2
		8	0	17.80	17.43	17.66	17.8
		8	4	17.74	17.43	17.61	17.8
		8	7	17.64	17.49	17.66	17.8
		15	0	17.74	17.51	17.66	17.8
	16QAM	1	0	17.80	17.68	17.76	17.8
		1	8	17.61	17.52	17.58	17.8
		1	14	17.61	17.49	17.63	17.8
		8	0	17.61	17.49	17.61	17.8
		8	4	17.60	17.52	17.65	17.8
		8	7	17.50	17.52	17.56	17.8
		15	0	17.60	17.53	17.66	17.8
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				26065	26365	26665	
5MHz	QPSK	1	0	17.73	17.60	17.65	18.2
		1	12	17.62	17.48	17.51	18.2
		1	24	17.63	17.42	17.52	18.2
		12	0	17.55	17.43	17.46	17.8
		12	6	17.55	17.41	17.48	17.8
		12	13	17.36	17.49	17.51	17.8
		25	0	17.54	17.45	17.54	17.8
	16QAM	1	0	17.78	17.75	17.69	17.8
		1	12	17.68	17.58	17.52	17.8
		1	24	17.71	17.60	17.53	17.8
		12	0	17.65	17.62	17.59	17.8
		12	6	17.65	17.58	17.54	17.8
		12	13	17.49	17.63	17.56	17.8
		25	0	17.70	17.63	17.57	17.8
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				26090	26365	26640	

10MHz	QPSK	1	0	17.80	17.68	17.71	18.2
		1	24	17.66	17.48	17.59	18.2
		1	49	17.65	17.49	17.57	18.2
		25	0	17.65	17.53	17.54	17.8
		25	12	17.65	17.48	17.59	17.8
		25	25	17.53	17.48	17.61	17.8
		50	0	17.68	17.51	17.56	17.8
	16QAM	1	0	17.69	17.69	17.72	17.8
		1	24	17.75	17.49	17.53	17.8
		1	49	17.73	17.51	17.55	17.8
		25	0	17.70	17.58	17.56	17.8
		25	12	17.67	17.53	17.58	17.8
		25	25	17.57	17.49	17.58	17.8
		50	0	17.65	17.59	17.58	17.8
Bandwidth	Modulation	RB size	RB offset	Channel 26115	Channel 26365	Channel 26615	Tune up limit (dBm)
15MHz	QPSK	1	0	17.86	17.71	17.80	18.2
		1	38	17.74	17.53	17.67	18.2
		1	74	17.66	17.55	17.62	18.2
		36	0	17.69	17.55	17.70	17.8
		36	18	17.66	17.58	17.68	17.8
		36	37	17.52	17.61	17.69	17.8
		75	0	17.74	17.59	17.60	17.8
	16QAM	1	0	17.72	17.70	17.80	17.8
		1	38	17.60	17.51	17.62	17.8
		1	74	17.61	17.52	17.61	17.8
		36	0	17.54	17.51	17.64	17.8
		36	18	17.53	17.59	17.68	17.8
		36	37	17.35	17.58	17.64	17.8
		75	0	17.57	17.56	17.61	17.8
Bandwidth	Modulation	RB size	RB offset	Channel 26140	Channel 26365	Channel 26590	Tune up limit (dBm)
20MHz	QPSK	1	0	18.10	17.90	18.08	18.2
		1	49	17.76	17.62	17.75	18.2
		1	99	17.62	17.46	17.62	18.2
		50	0	17.70	17.46	17.62	17.8
		50	25	17.59	17.42	17.55	17.8
		50	50	17.56	17.44	17.59	17.8
		100	0	17.57	17.43	17.56	17.8
	16QAM	1	0	17.58	17.46	17.55	17.8
		1	49	17.66	17.54	17.55	17.8
		1	99	17.64	17.50	17.59	17.8
		50	0	17.59	17.48	17.56	17.8
		50	25	17.62	17.58	17.54	17.8
		50	50	17.45	17.51	17.54	17.8
		100	0	17.67	17.49	17.62	17.8



13. LTE Band 26

Sensor on/off	Receiver on/off						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.98	22.71	22.91	24
		1	2	22.96	22.74	22.86	24
		1	5	22.94	22.72	22.87	24
		3	0	23.02	22.74	22.96	24
		3	1	23.01	22.77	22.98	24
		3	3	23.03	22.80	22.95	24
		6	0	22.00	21.80	21.96	23
	16QAM	1	0	22.07	21.86	22.01	23
		1	2	22.14	21.93	22.05	23
		1	5	22.07	21.84	21.93	23
		3	0	21.92	21.65	21.87	23
		3	1	21.95	21.66	21.87	23
		3	3	21.89	21.65	21.85	23
		6	0	21.08	20.82	21.00	22
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				26705	26865	27025	
3MHz	QPSK	1	0	23.13	22.82	22.99	24
		1	8	23.12	22.86	23.00	24
		1	14	22.99	22.88	22.98	24
		8	0	22.05	21.77	21.95	23
		8	4	22.04	21.78	21.93	23
		8	7	22.01	21.78	21.94	23
		15	0	22.04	21.80	22.01	23
	16QAM	1	0	22.30	21.96	22.13	23
		1	8	22.26	21.96	22.14	23
		1	14	22.29	22.00	22.17	23
		8	0	21.09	20.82	21.00	22
		8	4	21.10	20.82	21.00	22
		8	7	21.08	20.86	21.00	22
		15	0	21.04	20.80	20.96	22
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				26715	26865	27015	
5MHz	QPSK	1	0	23.24	22.96	23.14	24
		1	12	23.17	22.98	23.06	24
		1	24	23.15	23.05	23.21	24
		12	0	22.17	21.86	22.10	23
		12	6	22.16	21.87	22.11	23
		12	13	21.96	21.79	21.83	23
		25	0	22.08	21.85	21.99	23
	16QAM	1	0	22.37	21.85	22.02	23
		1	12	22.31	21.87	22.00	23
		1	24	22.33	21.97	22.08	23
		12	0	21.19	20.86	21.14	22
		12	6	21.20	20.87	21.13	22
		12	13	20.97	20.75	20.82	22
		25	0	21.00	20.89	21.04	22
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				26740	26865	26990	

10MHz	QPSK	1	0	23.17	22.85	23.05	24
		1	24	22.98	22.90	23.02	24
		1	49	22.91	22.98	23.07	24
		25	0	22.21	21.82	21.82	23
		25	12	22.20	21.85	21.83	23
		25	25	22.05	21.73	21.63	23
		50	0	22.14	21.87	21.79	23
	16QAM	1	0	22.31	22.00	22.23	23
		1	24	22.20	22.06	22.15	23
		1	49	22.08	22.13	22.23	23
		25	0	21.18	20.83	20.80	22
		25	12	21.18	20.77	20.82	22
		25	25	21.05	20.76	20.65	22
50		0	21.12	20.78	20.72	22	
Bandwidth	Modulation	RB size	RB offset	Channel 26765	Channel 26865	Channel 26965	Tune up limit (dBm)
15MHz	QPSK	1	0	23.05	22.69	22.94	24
		1	38	22.92	22.75	23.04	24
		1	74	22.73	22.89	22.99	24
		36	0	22.07	21.64	21.90	23
		36	18	22.04	21.68	21.91	23
		36	37	22.04	21.65	21.93	23
		75	0	22.01	21.85	21.89	23
	16QAM	1	0	22.18	21.97	22.08	23
		1	38	22.13	22.07	22.20	23
		1	74	21.92	22.20	22.21	23
		36	0	21.06	20.73	20.93	22
		36	18	21.01	20.72	20.93	22
		36	37	21.04	20.74	20.93	22
		75	0	20.98	20.81	20.82	22

14. LTE Band 66

Sensor off	Receiver on/off						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.13	20.43	19.45	21
		1	2	20.13	20.40	19.36	21
		1	5	20.19	20.42	19.40	21
		3	0	20.19	20.44	19.37	21
		3	1	20.18	20.45	19.39	21
		3	3	20.20	20.47	19.37	21
		6	0	19.20	19.41	18.86	20.5
	16QAM	1	0	19.27	19.60	18.84	20.5
		1	2	19.34	19.67	18.81	20.5
		1	5	19.30	19.63	18.74	20.5
		3	0	19.07	19.34	18.78	20.5
		3	1	19.08	19.35	18.79	20.5
		3	3	19.06	19.34	18.76	20.5
		6	0	18.20	18.30	17.88	19.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				131987	132322	132657	
3MHz	QPSK	1	0	20.18	20.40	19.53	21
		1	8	20.24	20.40	19.42	21
		1	14	20.20	20.43	19.30	21
		8	0	19.19	19.41	18.94	20.5
		8	4	19.17	19.39	18.96	20.5
		8	7	19.20	19.43	18.90	20.5
		15	0	19.17	19.42	18.92	20.5
	16QAM	1	0	19.35	19.60	18.91	20.5
		1	8	19.37	19.56	18.83	20.5
		1	14	19.40	19.57	18.78	20.5
		8	0	18.23	18.40	17.95	19.5
		8	4	18.25	18.38	17.94	19.5
		8	7	18.24	18.48	17.92	19.5
		15	0	18.21	18.36	17.83	19.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				131997	132322	132647	
5MHz	QPSK	1	0	20.35	20.50	19.80	21
		1	12	20.39	20.57	19.59	21
		1	24	20.46	20.58	19.53	21
		12	0	19.18	19.42	18.58	20.5
		12	6	19.17	19.43	18.56	20.5
		12	13	19.31	19.44	18.88	20.5
		25	0	19.25	19.47	18.99	20.5
	16QAM	1	0	19.28	19.68	19.27	20.5
		1	12	19.28	19.70	19.00	20.5
		1	24	19.37	19.75	18.93	20.5
		12	0	18.20	18.44	18.01	19.5
		12	6	18.19	18.42	18.05	19.5
		12	13	18.27	18.48	17.88	19.5
		25	0	18.24	18.42	18.02	19.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				132022	132322	132622	

10MHz	QPSK	1	0	20.21	20.40	19.92	21
		1	24	20.39	20.47	19.70	21
		1	49	20.46	20.48	19.38	21
		25	0	19.23	19.42	18.77	20.5
		25	12	19.21	19.42	18.79	20.5
		25	25	19.41	19.53	18.54	20.5
		50	0	19.34	19.50	18.68	20.5
	16QAM	1	0	19.37	19.59	19.05	20.5
		1	24	19.50	19.64	18.86	20.5
		1	49	19.61	19.64	18.58	20.5
		25	0	18.18	18.44	17.76	19.5
		25	12	18.16	18.44	17.75	19.5
		25	25	18.41	18.56	17.53	19.5
		50	0	18.31	18.47	17.62	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up limit (dBm)
15MHz	QPSK	1	0	20.17	20.35	20.12	21
		1	38	20.39	20.40	19.80	21
		1	74	20.49	20.39	19.36	21
		36	0	19.20	19.40	19.06	20.5
		36	18	19.24	19.38	18.99	20.5
		36	37	19.24	19.39	19.06	20.5
		75	0	19.38	19.45	18.84	20.5
	16QAM	1	0	19.30	19.64	19.32	20.5
		1	38	19.60	19.73	18.95	20.5
		1	74	19.67	19.71	18.50	20.5
		36	0	18.20	18.41	17.95	19.5
		36	18	18.16	18.44	17.96	19.5
		36	37	18.20	18.45	17.97	19.5
		75	0	18.32	18.45	17.79	19.5
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 232572	Tune up limit (dBm)
20MHz	QPSK	1	0	20.15	20.50	20.26	21
		1	49	20.50	20.61	19.98	21
		1	99	20.54	20.62	19.38	21
		50	0	19.21	19.38	19.21	20.5
		50	25	19.22	19.37	19.26	20.5
		50	50	19.44	19.56	18.75	20.5
		100	0	19.28	19.46	19.02	20.5
	16QAM	1	0	19.14	19.47	19.46	20.5
		1	49	19.50	19.57	19.22	20.5
		1	99	19.50	19.55	18.63	20.5
		50	0	18.15	18.32	18.23	19.5
		50	25	18.16	18.31	18.24	19.5
		50	50	18.39	18.52	17.74	19.5
		100	0	18.25	18.42	18.00	19.5

Senosr on							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.45	19.49	19.36	20
		1	2	19.35	19.35	19.23	20
		1	5	19.27	19.37	19.24	20
		3	0	19.25	19.35	19.16	20
		3	1	19.27	19.38	19.26	20
		3	3	19.14	19.32	19.26	20
		6	0	19.32	19.39	19.17	20
	16QAM	1	0	19.39	19.50	19.39	20
		1	2	19.19	19.38	19.29	20
		1	5	19.22	19.34	19.21	20
		3	0	19.22	19.34	19.19	20
		3	1	19.22	19.33	19.25	20
		3	3	19.09	19.36	19.19	20
		6	0	19.20	19.30	19.29	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				131987	132322	132657	
3MHz	QPSK	1	0	19.38	19.55	19.34	20
		1	8	19.27	19.39	19.18	20
		1	14	19.27	19.39	19.18	20
		8	0	19.18	19.43	19.16	20
		8	4	19.25	19.39	19.17	20
		8	7	19.05	19.41	19.16	20
		15	0	19.26	19.42	19.19	20
	16QAM	1	0	19.45	19.44	19.43	20
		1	8	19.25	19.32	19.28	20
		1	14	19.29	19.28	19.27	20
		8	0	19.33	19.31	19.31	20
		8	4	19.28	19.34	19.29	20
		8	7	19.13	19.24	19.30	20
		15	0	19.31	19.25	19.31	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				131997	132322	132647	
5MHz	QPSK	1	0	19.49	19.50	19.34	20
		1	12	19.32	19.31	19.21	20
		1	24	19.34	19.30	19.20	20
		12	0	19.34	19.38	19.20	20
		12	6	19.39	19.30	19.20	20
		12	13	19.26	19.35	19.18	20
		25	0	19.37	19.32	19.15	20
	16QAM	1	0	19.50	19.61	19.50	20
		1	12	19.33	19.42	19.38	20
		1	24	19.38	19.44	19.36	20
		12	0	19.31	19.49	19.36	20
		12	6	19.37	19.42	19.33	20
		12	13	19.19	19.41	19.33	20
		25	0	19.31	19.42	19.32	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				132022	132322	132622	
10MHz	QPSK	1	0	19.39	19.47	19.48	20

		1	24	19.19	19.32	19.34	20
		1	49	19.25	19.36	19.32	20
		25	0	19.23	19.33	19.38	20
		25	12	19.25	19.32	19.35	20
		25	25	19.13	19.28	19.37	20
		50	0	19.23	19.34	19.29	20
	16QAM	1	0	19.45	19.51	19.36	20
		1	24	19.35	19.31	19.18	20
		1	49	19.27	19.40	19.16	20
		25	0	19.33	19.31	19.24	20
		25	12	19.32	19.40	19.19	20
		25	25	19.12	19.38	19.26	20
		50	0	19.35	19.38	19.25	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				132047	132322	132597	
15MHz	QPSK	1	0	19.47	19.49	19.44	20
		1	38	19.34	19.39	19.34	20
		1	74	19.32	19.31	19.25	20
		36	0	19.27	19.39	19.32	20
		36	18	19.30	19.33	19.34	20
		36	37	19.14	19.38	19.29	20
		75	0	19.31	19.32	19.32	20
	16QAM	1	0	19.46	19.53	19.40	20
		1	38	19.36	19.41	19.21	20
		1	74	19.28	19.35	19.22	20
		36	0	19.32	19.39	19.22	20
		36	18	19.28	19.41	19.25	20
		36	37	19.09	19.33	19.25	20
		75	0	19.31	19.35	19.21	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				132072	132322	132572	
20MHz	QPSK	1	0	19.75	19.82	19.72	20
		1	49	19.58	19.67	19.60	20
		1	99	19.76	19.85	19.73	20
		50	0	19.63	19.62	19.54	20
		50	25	19.62	19.66	19.56	20
		50	50	19.64	19.67	19.57	20
		100	0	19.63	19.66	19.53	20
	16QAM	1	0	19.42	19.50	19.48	20
		1	49	19.31	19.33	19.37	20
		1	99	19.30	19.32	19.38	20
		50	0	19.28	19.36	19.36	20
		50	25	19.26	19.40	19.37	20
		50	50	19.13	19.32	19.38	20
		100	0	19.29	19.35	19.31	20

EN-DC							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	15.70	16.08	15.85	16.7
		1	2	15.59	15.88	15.74	16.7
		1	5	15.56	15.94	15.69	16.7
		3	0	15.57	15.92	15.75	16.7
		3	1	15.55	15.89	15.68	16.7
		3	3	15.41	15.91	15.70	16.7
		6	0	15.57	15.88	15.68	16.7
	16QAM	1	0	15.66	16.08	15.80	16.7
		1	2	15.52	15.94	15.65	16.7
		1	5	15.48	15.92	15.67	16.7
		3	0	15.54	15.95	15.68	16.7
		3	1	15.48	15.94	15.70	16.7
		3	3	15.32	15.90	15.69	16.7
		6	0	15.47	15.90	15.67	16.7
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	15.64	16.09	15.86	16.7
		1	8	15.54	15.90	15.72	16.7
		1	14	15.46	15.90	15.76	16.7
		8	0	15.46	15.91	15.71	16.7
		8	4	15.44	15.92	15.67	16.7
		8	7	15.27	15.93	15.68	16.7
		15	0	15.52	15.89	15.75	16.7
	16QAM	1	0	15.61	16.08	15.84	16.7
		1	8	15.50	15.92	15.67	16.7
		1	14	15.41	15.95	15.68	16.7
		8	0	15.42	15.89	15.66	16.7
		8	4	15.46	15.93	15.65	16.7
		8	7	15.27	15.98	15.65	16.7
		15	0	15.48	15.96	15.70	16.7
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	15.64	16.15	15.76	16.7
		1	12	15.50	15.96	15.66	16.7
		1	24	15.53	16.01	15.60	16.7
		12	0	15.53	16.01	15.61	16.7
		12	6	15.48	16.04	15.62	16.7
		12	13	15.34	16.00	15.65	16.7
		25	0	15.44	16.01	15.62	16.7
	16QAM	1	0	15.63	16.14	15.79	16.7
		1	12	15.43	16.02	15.63	16.7
		1	24	15.53	15.98	15.65	16.7
		12	0	15.43	15.95	15.59	16.7
		12	6	15.45	15.97	15.65	16.7
		12	13	15.32	16.03	15.66	16.7
		25	0	15.50	15.97	15.69	16.7
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	

10MHz	QPSK	1	0	15.57	16.14	15.83	16.7
		1	24	15.46	15.99	15.66	16.7
		1	49	15.39	15.95	15.67	16.7
		25	0	15.43	16.01	15.68	16.7
		25	12	15.37	15.97	15.68	16.7
		25	25	15.23	15.94	15.71	16.7
		50	0	15.45	15.96	15.68	16.7
	16QAM	1	0	15.60	16.16	15.75	16.7
		1	24	15.46	15.98	15.55	16.7
		1	49	15.43	16.05	15.56	16.7
		25	0	15.48	15.97	15.64	16.7
		25	12	15.42	15.98	15.55	16.7
		25	25	15.24	15.98	15.59	16.7
		50	0	15.47	16.00	15.62	16.7
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	15.60	16.20	15.78	16.7
		1	38	15.48	16.05	15.58	16.7
		1	74	15.46	16.10	15.68	16.7
		36	0	15.45	16.06	15.65	16.7
		36	18	15.42	16.04	15.68	16.7
		36	37	15.29	16.07	15.67	16.7
		75	0	15.50	16.04	15.62	16.7
	16QAM	1	0	15.68	16.20	15.75	16.7
		1	38	15.50	16.01	15.62	16.7
		1	74	15.49	16.04	15.58	16.7
		36	0	15.57	16.07	15.57	16.7
		36	18	15.49	16.07	15.64	16.7
		36	37	15.33	16.00	15.59	16.7
		75	0	15.57	16.10	15.55	16.7
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	16.47	16.52	16.43	16.7
		1	49	16.27	16.41	16.26	16.7
		1	99	16.31	16.42	16.26	16.7
		50	0	16.31	16.33	16.28	16.7
		50	25	16.37	16.33	16.29	16.7
		50	50	16.30	16.37	16.31	16.7
		100	0	16.35	16.35	16.29	16.7
	16QAM	1	0	16.14	16.25	16.15	16.7
		1	49	15.96	16.14	16.04	16.7
		1	99	15.97	16.06	16.03	16.7
		50	0	16.03	16.15	16.05	16.7
		50	25	15.96	16.15	15.95	16.7
		50	50	15.85	16.05	16.02	16.7
		100	0	15.95	16.12	16.05	16.7



15. LTE Band 71

Sensor on/off	Receiver on/off						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				133147	133297	133447	
5MHz	QPSK	1	0	21.66	22.76	22.86	23.5
		1	12	22.80	22.72	22.89	23.5
		1	24	22.82	22.76	22.93	23.5
		12	0	21.60	21.61	21.79	22.5
		12	6	21.62	21.63	21.78	22.5
		12	13	21.68	21.62	21.76	22.5
		25	0	21.67	21.65	21.79	22.5
	16QAM	1	0	21.81	21.68	22.02	22.5
		1	12	21.73	21.65	22.05	22.5
		1	24	21.73	21.71	22.09	22.5
		12	0	20.69	20.65	20.88	21.5
		12	6	20.71	20.71	20.85	21.5
		12	13	20.79	20.67	20.87	21.5
		25	0	20.81	20.70	20.83	21.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				133172	133297	133422	
10MHz	QPSK	1	0	22.71	22.56	22.77	23.5
		1	24	22.70	22.62	22.77	23.5
		1	49	22.71	22.72	22.80	23.5
		25	0	21.50	21.59	21.71	22.5
		25	12	21.51	21.59	21.71	22.5
		25	25	21.70	21.67	21.89	22.5
		50	0	21.65	21.66	21.82	22.5
	16QAM	1	0	21.87	21.77	21.71	22.5
		1	24	21.82	21.80	21.65	22.5
		1	49	21.87	21.92	21.74	22.5
		25	0	20.58	20.70	20.83	21.5
		25	12	20.58	20.71	20.85	21.5
		25	25	20.77	20.74	20.95	21.5
		50	0	20.67	20.71	20.85	21.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				133197	133297	133397	
15MHz	QPSK	1	0	22.65	22.50	22.63	23.5
		1	38	22.63	22.61	22.79	23.5
		1	74	22.64	22.64	22.72	23.5
		36	0	21.50	21.53	21.65	22.5
		36	18	21.50	21.57	21.65	22.5
		36	37	21.50	21.57	21.65	22.5
		75	0	21.62	21.60	21.75	22.5
	16QAM	1	0	21.85	21.80	21.49	22.5
		1	38	21.80	21.89	21.70	22.5
		1	74	21.79	21.94	21.68	22.5
		36	0	20.53	20.69	20.69	21.5
		36	18	20.53	20.65	20.70	21.5
		36	37	20.56	20.66	20.68	21.5

		75	0	20.60	20.67	20.77	21.5
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				133222	133322	133372	
20MHz	QPSK	1	0	22.53	22.62	22.59	23.5
		1	49	22.60	22.77	22.77	23.5
		1	99	22.58	22.89	22.75	23.5
		50	0	21.48	21.60	21.65	22.5
		50	25	21.48	21.61	21.64	22.5
		50	50	21.67	21.82	21.90	22.5
		100	0	21.59	21.70	21.75	22.5
	16QAM	1	0	21.61	21.55	21.79	22.5
		1	49	21.68	21.73	21.99	22.5
		1	99	21.68	21.83	22.04	22.5
		50	0	20.56	20.63	20.66	21.5
		50	25	20.57	20.60	20.67	21.5
		50	50	20.75	20.80	20.92	21.5
		100	0	20.62	20.71	20.78	21.5

16. LTE Band 41 (PC2)

Sensor on/off	Receiver off						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39675	40620	41565	
5MHz	QPSK	1	0	24.38	24.64	24.45	26
		1	12	24.41	24.29	24.61	26
		1	24	24.41	24.12	24.39	26
		12	0	23.54	23.63	23.68	25
		12	6	23.67	23.13	23.36	25
		12	13	23.41	23.29	23.10	25
	16QAM	25	0	23.45	23.52	23.55	25
		1	0	23.44	23.21	23.15	25
		1	12	23.66	23.47	23.76	25
		1	24	23.24	23.15	23.50	25
		12	0	22.60	22.37	22.51	24
		12	6	22.52	22.17	22.68	24
		12	13	22.40	22.22	22.37	24
		25	0	22.63	22.59	22.27	24
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39700	40620	41540	
10MHz	QPSK	1	0	24.40	24.51	24.34	26
		1	24	24.56	24.37	24.57	26
		1	49	24.45	24.11	24.36	26
		25	0	23.44	23.60	23.65	25
		25	12	23.70	23.20	23.29	25
		25	25	23.46	23.42	23.17	25
		50	0	23.50	23.54	23.55	25
	16QAM	1	0	23.32	23.26	23.24	25
		1	24	23.54	23.44	23.64	25
		1	49	23.26	23.23	23.40	25
		25	0	22.64	22.42	22.56	24
		25	12	22.65	22.10	22.61	24
		25	25	22.52	22.26	22.43	24
		50	0	22.61	22.47	22.21	24
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39725	40620	41515	
15MHz	QPSK	1	0	24.35	24.37	24.23	26
		1	38	24.68	24.41	24.59	26
		1	74	24.43	24.03	24.28	26
		36	0	23.34	23.51	23.64	25
		36	18	23.62	23.29	23.37	25
		36	37	23.37	23.35	23.31	25
		75	0	23.51	23.40	23.49	25
	16QAM	1	0	23.27	23.27	23.38	25
		1	38	23.53	23.48	23.57	25
		1	74	23.35	23.00	23.25	25
		36	0	22.61	22.37	22.43	24
		36	18	22.59	22.25	22.52	24
		36	37	22.44	22.13	22.39	24

		75	0	22.61	22.32	22.32	24
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39750	40620	41490	
20MHz	QPSK	1	0	24.2	24.29	24.36	<b>26.0</b>
		1	49	<b>24.54</b>	24.42	24.48	26.0
		1	99	24.36	24.11	24.2	26.0
		50	0	23.46	23.44	23.51	25.0
		50	25	23.53	23.38	23.47	25.0
		50	50	23.48	23.22	23.34	25.0
		100	0	23.45	23.27	23.44	25.0
	16QAM	1	0	23.31	23.3	23.42	25.0
		1	49	23.53	23.42	<b>23.54</b>	25.0
		1	99	23.39	23.15	23.24	25.0
		50	0	22.5	22.47	22.49	24.0
		50	25	22.56	22.39	22.48	24.0
		50	50	22.51	22.24	22.38	24.0
		100	0	22.46	22.29	22.4	24.0

Receiver on							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39675	40620	41565	
5MHz	QPSK	1	0	20.26	20.56	20.38	22
		1	12	20.35	20.30	20.61	22
		1	24	20.56	20.01	20.45	22
		12	0	19.50	19.69	19.67	21
		12	6	19.57	19.05	19.45	21
		12	13	19.50	19.20	19.05	21
		25	0	19.37	19.60	19.65	21
	16QAM	1	0	19.43	19.30	19.13	21
		1	12	19.75	19.33	19.75	21
		1	24	19.26	19.04	19.38	21
		12	0	18.69	18.35	18.49	20
		12	6	18.59	18.17	18.80	20
		12	13	18.40	18.27	18.39	20
		25	0	18.64	18.45	18.22	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39700	40620	41540	
10MHz	QPSK	1	0	20.53	20.53	20.31	22
		1	24	20.41	20.45	20.64	22
		1	49	20.60	20.09	20.41	22
		25	0	19.49	19.60	19.57	21
		25	12	19.68	19.19	19.23	21
		25	25	19.32	19.35	19.07	21
		50	0	19.44	19.50	19.48	21
	16QAM	1	0	19.29	19.28	19.32	21
		1	24	19.44	19.57	19.61	21
		1	49	19.40	19.24	19.45	21
		25	0	18.62	18.45	18.50	20
		25	12	18.60	18.18	18.60	20
		25	25	18.46	18.29	18.37	20
		50	0	18.63	18.38	18.30	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39725	40620	41515	
15MHz	QPSK	1	0	20.42	20.44	20.30	22
		1	38	20.76	20.53	20.63	22
		1	74	20.38	20.09	20.33	22
		36	0	19.46	19.49	19.55	21
		36	18	19.50	19.25	19.41	21
		36	37	19.32	19.20	19.38	21
		75	0	19.48	19.47	19.38	21
	16QAM	1	0	19.34	19.27	19.46	21
		1	38	19.52	19.56	19.66	21
		1	74	19.34	19.05	19.10	21
		36	0	18.56	18.31	18.56	20
		36	18	18.68	18.24	18.53	20
		36	37	18.58	18.27	18.32	20

		75	0	18.57	18.26	18.41	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39750	40620	41490	
20MHz	QPSK	1	0	20.05	20.31	20.21	22.0
		1	49	20.39	20.35	20.56	22.0
		1	99	20.21	20.24	20.24	22.0
		50	0	19.55	19.43	19.50	21.0
		50	25	19.56	19.24	19.60	21.0
		50	50	19.50	19.28	19.48	21.0
		100	0	19.50	19.26	19.41	21.0
	16QAM	1	0	19.22	19.24	19.27	21.0
		1	49	19.68	19.38	19.53	21.0
		1	99	19.39	19.06	19.23	21.0
		50	0	18.42	18.39	18.60	20.0
		50	25	18.67	18.37	18.58	20.0
		50	50	18.47	18.28	18.24	20.0
		100	0	18.44	18.16	18.52	20.0

Simultaneous transmission with WLAN & BT

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39675	40620	41565	
5MHz	QPSK	1	0	16.67	17.01	16.74	18
		1	12	16.87	16.89	17.03	18
		1	24	17.07	16.49	17.07	18
		12	0	16.45	16.82	16.76	18
		12	6	16.62	16.14	16.47	18
		12	13	16.47	16.07	16.01	18
		25	0	16.47	16.74	16.54	18
	16QAM	1	0	16.57	16.32	16.21	18
		1	12	16.75	16.44	16.73	18
		1	24	16.41	16.15	16.47	18
		12	0	16.84	16.22	16.46	18
		12	6	16.46	16.17	16.88	18
		12	13	16.25	16.40	16.39	18
		25	0	16.62	16.44	16.15	18
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39700	40620	41540	
10MHz	QPSK	1	0	17.06	16.97	16.80	18
		1	24	16.83	17.00	17.26	18
		1	49	17.15	16.52	17.04	18
		25	0	16.50	16.58	16.62	18
		25	12	16.80	16.32	16.34	18
		25	25	16.22	16.45	16.12	18
		50	0	16.30	16.42	16.59	18
	16QAM	1	0	16.18	16.21	16.22	18
		1	24	16.42	16.47	16.52	18
		1	49	16.41	16.27	16.43	18
		25	0	16.56	16.36	16.62	18
		25	12	16.68	16.13	16.74	18
		25	25	16.45	16.16	16.22	18
		50	0	16.77	16.40	16.16	18
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39725	40620	41515	
15MHz	QPSK	1	0	16.79	16.81	16.80	18
		1	38	17.34	17.06	17.08	18
		1	74	16.75	16.70	16.73	18
		36	0	16.44	16.44	16.67	18
		36	18	16.58	16.33	16.55	18
		36	37	16.34	16.30	16.46	18
		75	0	16.39	16.44	16.44	18
	16QAM	1	0	16.21	16.33	16.32	18
		1	38	16.44	16.49	16.61	18
		1	74	16.40	16.14	16.09	18
		36	0	16.42	16.46	16.52	18
		36	18	16.83	16.28	16.45	18
		36	37	16.46	16.31	16.30	18

		75	0	16.63	16.20	16.49	18
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39750	40620	41490	
20MHz	QPSK	1	0	16.59	16.79	16.69	18
		1	49	16.97	16.76	16.99	18
		1	99	16.84	16.85	16.76	18
		50	0	16.57	16.52	16.48	18
		50	25	16.63	16.14	16.73	18
		50	50	16.61	16.21	16.51	18
		100	0	16.48	16.27	16.48	18
	16QAM	1	0	16.08	16.11	16.32	18
		1	49	16.75	16.26	16.59	18
		1	99	16.39	16.11	16.13	18
		50	0	16.42	16.45	16.48	18
		50	25	16.57	16.44	16.57	18
		50	50	16.38	16.37	16.28	18
		100	0	16.39	16.05	16.61	18



17. LTE Band 41 (PC3)

Sensor on/off	Receiver off						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39675	40620	41565	
5MHz	QPSK	1	0	20.94	21.16	21.04	22
		1	12	20.93	21.27	21.00	22
		1	24	20.96	21.26	21.07	22
		12	0	19.96	20.11	20.23	21
		12	6	19.96	20.12	20.21	21
		12	13	19.93	20.03	20.15	21
		25	0	19.98	20.12	20.23	21
	16QAM	1	0	20.24	20.21	20.50	21
		1	12	20.25	20.47	20.51	21
		1	24	20.29	20.48	20.49	21
		12	0	19.15	19.24	19.24	20
		12	6	19.16	19.21	19.24	20
		12	13	19.10	19.20	19.16	20
		25	0	19.13	19.26	19.23	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39700	40620	41540	
10MHz	QPSK	1	0	21.07	21.16	21.07	22
		1	24	21.19	21.20	21.08	22
		1	49	21.20	21.14	21.03	22
		25	0	20.12	20.18	20.21	21
		25	12	20.14	20.18	20.16	21
		25	25	20.15	20.12	20.20	21
		50	0	20.18	20.16	20.19	21
	16QAM	1	0	20.43	20.51	20.10	21
		1	24	20.48	20.50	20.14	21
		1	49	20.54	20.44	20.12	21
		25	0	19.37	19.36	19.17	20
		25	12	19.36	19.36	19.18	20
		25	25	19.39	19.36	19.18	20
		50	0	19.33	19.28	19.16	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39725	40620	41515	
15MHz	QPSK	1	0	21.00	21.07	21.17	22
		1	38	21.10	21.15	21.19	22
		1	74	21.08	20.98	21.05	22
		36	0	20.10	20.11	20.16	21
		36	18	20.12	20.12	20.15	21
		36	37	20.12	20.09	20.14	21
		75	0	20.10	20.10	20.17	21
	16QAM	1	0	20.36	20.42	20.25	21
		1	38	20.50	20.45	20.26	21
		1	74	20.41	20.51	20.15	21
		36	0	19.27	19.29	19.14	20
		36	18	19.28	19.30	19.20	20
		36	37	19.27	19.28	19.20	20

		75	0	19.28	19.28	19.16	20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39750	40620	41490	
20MHz	QPSK	1	0	20.96	20.98	21.00	22
		1	49	21.15	21.11	21.08	22
		1	99	21.06	20.94	20.93	22
		50	0	20.17	20.13	20.21	21
		50	25	20.17	20.10	20.27	21
		50	50	20.08	20.21	20.20	21
		100	0	20.11	20.08	20.17	21
	16QAM	1	0	20.15	20.18	19.82	21
		1	49	20.35	20.32	19.88	21
		1	99	20.23	20.29	19.74	21
		50	0	19.34	19.26	19.25	20
		50	25	19.34	19.25	19.26	20
		50	50	19.23	19.17	19.14	20
		100	0	19.22	19.18	19.11	20

Receiver on							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39675	40620	41565	
5MHz	QPSK	1	0	17.83	17.69	17.79	18
		1	12	17.72	17.50	17.60	18
		1	24	17.68	17.58	17.64	18
		12	0	17.52	17.57	17.62	17.7
		12	6	17.67	17.59	17.62	17.7
		12	13	17.47	17.53	17.68	17.7
		25	0	17.64	17.53	17.66	17.7
	16QAM	1	0	17.84	17.71	17.69	18
		1	12	17.67	17.51	17.50	18
		1	24	17.65	17.53	17.50	18
		12	0	17.64	17.60	17.58	18
		12	6	17.71	17.55	17.56	18
		12	13	17.59	17.54	17.55	18
		25	0	17.67	17.51	17.52	18
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39700	40620	41540	
10MHz	QPSK	1	0	17.80	17.70	17.76	18
		1	24	17.62	17.54	17.65	18
		1	49	17.69	17.53	17.65	18
		25	0	17.61	17.54	17.64	17.7
		25	12	17.64	17.55	17.57	17.7
		25	25	17.52	17.57	17.57	17.7
		50	0	17.60	17.59	17.66	17.7
	16QAM	1	0	17.80	17.76	17.78	18
		1	24	17.69	17.57	17.65	18
		1	49	17.66	17.66	17.59	18
		25	0	17.68	17.66	17.65	18
		25	12	17.60	17.59	17.64	18
		25	25	17.41	17.63	17.63	18
		50	0	17.65	17.63	17.58	18
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39725	40620	41515	
15MHz	QPSK	1	0	17.81	17.65	17.81	18
		1	38	17.68	17.53	17.71	18
		1	74	17.64	17.47	17.68	18
		36	0	17.70	17.49	17.67	17.7
		36	18	17.61	17.49	17.66	17.7
		36	37	17.51	17.48	17.65	17.7
		75	0	17.03	17.54	17.11	17.7
	16QAM	1	0	17.87	17.64	17.74	18
		1	38	17.75	17.52	17.62	18
		1	74	17.75	17.44	17.60	18
		36	0	17.67	17.48	17.61	18
		36	18	17.72	17.44	17.63	18
		36	37	17.52	17.54	17.63	18

		75	0	17.70	17.48	17.60	18
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39750	40620	41490	
20MHz	QPSK	1	0	17.18	17.70	17.41	18
		1	49	17.87	17.68	17.69	18
		1	99	17.73	17.50	17.49	18
		50	0	17.20	17.24	17.53	17.7
		50	25	17.33	17.48	17.56	17.7
		50	50	17.30	17.12	17.52	17.7
		100	0	17.60	17.54	17.59	17.7
	16QAM	1	0	17.73	17.55	17.53	18
		1	49	17.66	17.52	17.54	18
		1	99	17.71	17.45	17.48	18
		50	0	17.70	17.52	17.48	18
		50	25	17.67	17.51	17.46	18
		50	50	17.50	17.46	17.54	18
		100	0	17.70	17.48	17.52	18

Simultaneous transmission with WLAN & BT

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39675	40620	41565	
5MHz	QPSK	1	0	12.84	13.37	12.94	14
		1	12	12.70	13.20	12.81	14
		1	24	12.70	13.24	12.76	14
		12	0	12.69	13.24	12.76	14
		12	6	12.64	13.24	12.83	14
		12	13	12.48	13.21	12.84	14
		25	0	12.71	13.19	12.78	14
	16QAM	1	0	12.75	13.32	13.09	14
		1	12	12.58	13.19	12.95	14
		1	24	12.60	13.16	12.89	14
		12	0	12.58	13.20	12.98	14
		12	6	12.62	13.17	12.94	14
		12	13	12.48	13.18	12.97	14
		25	0	12.65	13.18	12.99	14
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39700	40620	41540	
10MHz	QPSK	1	0	12.89	13.32	13.00	14
		1	24	12.77	13.20	12.86	14
		1	49	12.79	13.20	12.89	14
		25	0	12.69	13.21	12.86	14
		25	12	12.69	13.22	12.83	14
		25	25	12.57	13.14	12.87	14
		50	0	12.73	13.12	12.86	14
	16QAM	1	0	12.79	13.28	13.03	14
		1	24	12.61	13.17	12.87	14
		1	49	12.68	13.14	12.92	14
		25	0	12.62	13.09	12.85	14
		25	12	12.60	13.12	12.93	14
		25	25	12.43	13.08	12.86	14
		50	0	12.67	13.12	12.85	14
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39725	40620	41515	
15MHz	QPSK	1	0	12.84	13.26	13.00	14
		1	38	12.93	13.45	13.12	14
		1	74	12.96	13.53	13.16	14
		36	0	13.01	13.50	13.11	14
		36	18	12.95	13.43	13.19	14
		36	37	13.02	13.49	13.12	14
		75	0	12.93	13.43	13.17	14
	16QAM	1	0	12.80	13.35	12.97	14
		1	38	12.68	13.18	12.83	14
		1	74	12.60	13.16	12.78	14
		36	0	12.70	13.25	12.78	14
		36	18	12.64	13.23	12.83	14
		36	37	12.46	13.15	12.83	14

		75	0	12.67	13.16	12.85	14
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up limit (dBm)
				39750	40620	41490	
20MHz	QPSK	1	0	13.13	13.63	13.31	14
		1	49	13.69	13.51	13.21	14
		1	99	13.00	13.43	13.18	14
		50	0	13.00	13.50	13.14	14
		50	25	12.93	13.46	13.53	14
		50	50	13.03	13.51	13.12	14
		100	0	13.02	13.49	13.17	14
	16QAM	1	0	12.74	13.40	13.05	14
		1	49	12.54	13.27	12.87	14
		1	99	12.56	13.27	12.89	14
		50	0	12.62	13.27	12.92	14
		50	25	12.64	13.25	12.87	14
		50	50	12.48	13.27	12.88	14
		100	0	12.60	13.24	12.92	14

19. NR n2

Sensor off	Receiver on/off							
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					370500	376000	381500	
5MHz	DFT-OFDM	PI2BPSK	1	0	21.97	21.86	21.96	22
			1	24	21.92	21.69	21.87	22
			12	6	22.38	22.32	22.69	23
			25	0	22.33	22.27	22.51	24.2
		QPSK	1	0	21.38	21.35	21.58	22
			1	24	21.43	21.19	21.58	22
			12	6	22.43	22.32	22.61	23
		16QAM	1	0	22.22	22.25	22.42	24.2
			1	0	20.60	20.47	20.79	21
			1	0	19.91	20.11	20.23	20.5
1	0	18.24	18.03	18.31	18.5			
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					371000	376000	381000	
10MHz	DFT-OFDM	PI2BPSK	1	0	21.61	21.81	21.61	22
			1	51	21.88	21.45	21.86	22
			25	12	22.33	22.18	22.40	23
			24	0	22.25	22.23	22.38	24.2
		QPSK	1	0	21.23	21.35	21.24	22
			1	23	21.33	20.95	21.38	22
			12	6	22.33	22.21	22.39	23
		24	0	22.28	22.27	22.30	24.2	
		16QAM	1	0	20.39	20.44	20.50	21
		64QAM	1	0	19.84	20.02	19.93	20.5
256QAM	1	0	18.00	18.00	17.86	18.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					371500	376000	380500	
15MHz	DFT-OFDM	PI2BPSK	1	0	21.78	21.96	21.53	22
			1	78	21.99	21.45	21.92	22
			36	18	22.43	22.35	22.45	23
			75	0	22.22	22.35	22.27	24.2
		QPSK	1	0	21.28	21.48	20.87	22
			1	78	21.53	20.93	21.40	22
			36	18	22.51	22.36	21.45	23
		75	0	22.47	22.37	22.39	24.2	
		16QAM	1	0	20.48	20.73	20.29	21
		64QAM	1	0	19.94	20.05	19.81	20.5
256QAM	1	0	18.00	18.25	17.86	18.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					372000	376000	380000	
20MHz	DFT-OFDM	PI2BPSK	1	0	21.71	21.93	21.41	22
			1	105	21.95	21.35	21.79	22
			50	25	22.02	21.84	21.96	23
			100	0	22.53	22.28	22.30	24.2
		QPSK	1	0	21.19	21.49	20.87	22
			1	105	21.57	20.86	21.40	22
			50	25	21.58	21.32	21.45	23
		100	0	22.52	22.30	22.39	24.2	
		16QAM	1	0	20.50	20.59	20.10	21
		64QAM	1	0	19.98	20.23	19.47	20.5
256QAM	1	0	17.92	18.26	17.65	18.5		

Sensor on								
Bandwidth	Mode	Modulation	RB size	RB offset	370500	376000	381500	Tune-up Limit
					1852.5MHz	1880MHz	1907.5MHz	
5MHz	DFT-OFDM	PI2BPSK	1	0	17.88	17.82	17.88	18.3
			1	24	17.82	17.87	17.88	18.3
			12	6	17.88	17.88	17.82	18.3
			25	0	18.91	18.83	18.91	19.2
		QPSK	1	0	17.90	17.87	17.84	18.3
			1	24	17.92	17.85	17.84	18.3
			12	6	17.92	17.89	17.82	18.3
			25	0	18.92	18.88	18.91	19.2
		16QAM	1	0	17.83	17.92	17.87	18
		64QAM	1	0	17.87	17.84	17.92	18
256QAM	1	0	17.87	17.91	17.92	18		
Bandwidth	Mode	Modulation	RB size	RB offset	371000	376000	381000	Tune-up Limit
					1855MHz	1880MHz	1905MHz	
10MHz	DFT-OFDM	PI2BPSK	1	0	17.86	17.89	17.87	18.3
			1	51	17.84	17.87	17.86	18.3
			25	12	17.90	17.89	17.84	18.3
			50	0	18.88	18.92	18.91	19.2
		QPSK	1	0	17.92	17.85	17.84	18.3
			1	51	17.86	17.89	17.89	18.3
			25	12	17.92	17.85	17.87	18.3
			50	0	18.92	18.88	18.87	19.2
		16QAM	1	0	17.88	17.90	17.83	18
		64QAM	1	0	17.89	17.87	17.84	18
256QAM	1	0	17.91	17.90	17.88	18		
Bandwidth	Mode	Modulation	RB size	RB offset	371500	376000	380500	Tune-up Limit
					1857.5MHz	1880MHz	1902.5MHz	
15MHz	DFT-OFDM	PI2BPSK	1	0	17.85	17.86	17.82	18.3
			1	78	17.82	17.91	17.84	18.3
			36	18	17.89	17.84	17.83	18.3
			75	0	18.85	18.85	18.88	19.2
		QPSK	1	0	17.92	17.84	17.88	18.3
			1	78	17.90	17.89	17.89	18.3
			36	18	17.91	17.88	17.88	18.3
			75	0	18.86	18.82	18.88	19.2
		16QAM	1	0	17.89	17.89	17.84	18
		64QAM	1	0	17.86	17.87	17.88	18
256QAM	1	0	17.86	17.89	17.92	18		
Bandwidth	Mode	Modulation	RB size	RB offset	372000	376000	380000	Tune-up Limit
					1860MHz	1880MHz	1900MHz	
20MHz	DFT-OFDM	PI2BPSK	1	0	18.16	18.00	17.58	18.3
			1	105	17.45	17.91	18.22	18.3
			50	25	17.85	17.89	18.15	18.3
			100	0	18.88	18.92	18.95	19.2
		QPSK	1	0	18.02	17.95	18.03	18.3
			1	105	18.20	17.83	18.10	18.3
			50	25	18.20	17.73	18.16	18.3
			100	0	19.03	18.83	18.65	19.2
		16QAM	1	0	16.26	16.18	16.45	18
		64QAM	1	0	16.21	16.24	16.35	18
256QAM	1	0	16.31	16.27	16.41	18		



20. NR n5

Sensor on/off	Receiver on/off							
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					165300	167300	169300	
5MHz	DFT-OFDM	PI2BPSK	1	0	23.26	23.39	23.56	24
			1	24	23.24	23.46	23.77	24
			12	6	23.80	23.95	24.21	24.5
			25	0	23.24	23.48	23.73	24.5
		QPSK	1	0	22.81	22.97	23.28	24
			1	24	22.86	23.02	23.48	24
			12	6	23.81	23.97	24.24	24.5
			25	0	22.74	23.00	23.14	24.5
		16QAM	1	0	21.87	22.08	22.08	23
		64QAM	1	0	21.23	21.29	21.55	22
256QAM	1	0	19.44	19.73	19.67	21		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					165800	167300	168800	
10MHz	DFT-OFDM	PI2BPSK	1	0	23.08	23.12	23.33	24
			1	51	23.12	23.30	23.50	24
			25	12	23.57	23.79	23.84	24.5
			50	0	23.01	23.39	23.20	24.5
		QPSK	1	0	22.63	22.71	22.93	24
			1	51	22.79	22.87	23.16	24
			25	12	23.59	23.80	23.88	24.5
			50	0	22.51	22.87	22.64	24.5
		16QAM	1	0	21.68	21.62	22.02	23
		64QAM	1	0	21.01	20.94	21.25	22
256QAM	1	0	19.33	19.27	19.51	21		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					166300	167300	168300	
15MHz	DFT-OFDM	PI2BPSK	1	0	23.22	23.14	23.31	24
			1	78	23.39	23.34	23.63	24
			36	18	23.86	24.02	24.00	24.5
			75	0	23.28	23.59	23.57	24.5
		QPSK	1	0	22.69	22.74	22.93	24
			1	78	22.89	23.00	23.27	24
			36	18	23.85	24.02	24.02	24.5
			75	0	22.78	23.11	23.03	24.5
		16QAM	1	0	21.72	21.81	21.95	23
		64QAM	1	0	21.13	21.03	21.21	22
256QAM	1	0	19.36	19.36	19.43	21		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					166800	167300	167800	
20MHz	DFT-OFDM	PI2BPSK	1	0	23.18	23.20	23.01	24
			1	105	23.39	23.48	23.54	24
			50	25	23.35	23.65	23.69	24.5
			100	0	23.94	24.03	23.97	24.5
		QPSK	1	0	22.75	22.76	22.73	24
			1	105	22.96	23.13	23.15	24
			50	25	22.88	23.16	23.17	24.5
			100	0	23.96	24.04	24.06	24.5
		16QAM	1	0	21.73	21.75	21.82	23
		64QAM	1	0	21.09	21.09	21.08	22
256QAM	1	0	19.32	19.37	19.23	21		

21. NR n7

Sensor on/off	Receiver on/off							
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500500	507000	513500	
5MHz	DFT-OFDM	PI2BPSK	1	0	19.53	20.18	20.73	21
			1	24	19.64	20.17	20.88	21
			12	6	20.11	20.80	20.98	21
			25	0	19.62	20.32	20.83	21
		QPSK	1	0	19.09	19.62	20.26	21
			1	24	19.07	19.70	20.27	21
			12	6	20.12	20.86	21.41	22
		25	0	19.13	19.73	20.37	21	
		16QAM	1	0	18.07	18.80	18.89	19
		64QAM	1	0	17.64	18.16	18.81	19
256QAM	1	0	15.64	16.18	16.94	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					501000	507000	513000	
10MHz	DFT-OFDM	PI2BPSK	1	0	19.36	19.96	20.46	21
			1	51	19.34	20.01	20.58	21
			25	12	19.97	20.56	20.88	21
			50	0	19.44	20.06	20.60	21
		QPSK	1	0	19.16	19.40	19.89	21
			1	51	19.19	19.45	20.15	21
			25	12	20.26	20.59	21.14	22
		50	0	19.22	19.56	20.12	21	
		16QAM	1	0	17.69	18.41	18.77	19
		64QAM	1	0	17.31	18.02	18.41	19
256QAM	1	0	15.57	15.94	16.41	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					501500	507000	512500	
15MHz	DFT-OFDM	PI2BPSK	1	0	19.49	20.02	20.37	21
			1	78	19.69	20.16	20.67	21
			36	18	20.10	20.73	20.96	21
			75	0	19.67	20.26	20.71	21
		QPSK	1	0	19.21	19.44	19.84	21
			1	78	19.08	19.57	20.07	21
			36	18	20.10	20.77	21.29	22
		75	0	19.13	19.80	20.25	21	
		16QAM	1	0	17.81	18.40	18.89	19
		64QAM	1	0	17.55	18.13	18.31	19
256QAM	1	0	15.63	16.05	16.48	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					502000	507000	512000	
20MHz	DFT-OFDM	PI2BPSK	1	0	19.01	19.18	19.63	21
			1	105	19.62	19.79	20.25	21
			50	25	20.49	20.70	20.95	21
			100	0	19.71	19.99	20.42	21
		QPSK	1	0	19.03	19.13	19.15	21
			1	105	19.09	19.33	19.65	21
			50	25	20.50	20.73	20.93	22
		100	0	19.21	19.48	19.94	21	
		16QAM	1	0	17.35	17.68	18.10	19
		64QAM	1	0	17.13	17.17	17.59	19
256QAM	1	0	15.24	15.26	15.63	17		

22. NR n25

Sensor off		Receiver on/off						
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					370500	376500	382500	
5MHz	DFT-OFDM	PI2BPSK	1	0	21.31	21.29	21.49	21.5
			1	24	21.40	21.25	21.30	21.5
			12	6	21.40	21.47	21.48	21.5
			25	0	21.39	21.55	21.51	22.5
		QPSK	1	0	20.86	20.93	21.17	21.5
			1	24	20.87	20.80	20.89	21.5
			12	6	21.42	21.43	21.45	21.5
		25	0	21.35	21.23	21.36	22.5	
		16QAM	1	0	19.70	19.57	20.01	21
		64QAM	1	0	19.62	19.53	19.40	20
256QAM	1	0	17.52	17.49	17.52	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					371000	376500	382000	
10MHz	DFT-OFDM	PI2BPSK	1	0	21.13	21.20	21.35	21.5
			1	51	21.20	20.93	20.98	21.5
			25	12	21.39	21.41	21.37	21.5
			50	0	21.13	21.14	21.14	22.5
		QPSK	1	0	20.80	20.65	20.74	21.5
			1	51	20.66	20.64	20.66	21.5
			25	12	21.29	21.41	21.48	21.5
		50	0	21.15	21.17	21.14	22.5	
		16QAM	1	0	19.69	19.55	20.06	21
		64QAM	1	0	19.14	19.18	19.49	20
256QAM	1	0	17.46	17.20	17.84	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					371500	376500	381500	
15MHz	DFT-OFDM	PI2BPSK	1	0	21.34	21.37	21.29	21.5
			1	78	21.22	20.94	21.14	21.5
			36	18	21.45	21.42	21.47	21.5
			75	0	21.35	21.24	21.48	22.5
		QPSK	1	0	20.80	20.66	20.96	21.5
			1	78	20.73	20.98	20.61	21.5
			36	18	21.46	21.49	21.46	21.5
		75	0	21.26	21.05	21.04	22.5	
		16QAM	1	0	19.58	20.04	19.79	21
		64QAM	1	0	19.09	19.20	19.03	20
256QAM	1	0	17.50	17.59	17.50	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					372000	376500	381000	
20MHz	DFT-OFDM	PI2BPSK	1	0	21.13	21.42	21.03	21.5
			1	105	21.44	20.93	21.18	21.5
			50	25	21.39	21.21	21.48	21.5
			100	0	22.06	21.90	21.95	22.5
		QPSK	1	0	20.77	20.96	20.59	21.5
			1	105	21.00	20.65	20.74	21.5
			50	25	21.02	20.87	21.18	21.5
		100	0	22.13	21.68	22.04	22.5	
		16QAM	1	0	19.61	19.94	19.75	21
		64QAM	1	0	19.01	19.52	18.91	20
256QAM	1	0	17.61	17.44	17.31	18		

Sensor on								
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					370500	376500	382500	
5MHz	DFT-OFDM	PI2BPSK	1	0	16.80	16.81	16.99	17.2
			1	24	15.85	15.72	15.95	17.2
			12	6	16.27	16.38	16.47	17.2
			25	0	18.36	18.28	18.48	18.7
		QPSK	1	0	16.36	16.37	16.63	17
			1	24	16.43	16.42	16.65	17
			12	6	16.48	16.45	16.79	17
			25	0	18.30	18.26	18.49	18.7
		16QAM	1	0	15.51	15.41	15.66	16
		64QAM	1	0	15.52	15.52	15.69	16
256QAM	1	0	15.54	15.47	15.72	16		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					371000	376500	382000	
10MHz	DFT-OFDM	PI2BPSK	1	0	16.88	16.82	16.99	17.2
			1	51	15.82	15.74	16.07	17.2
			25	12	16.28	16.24	16.53	17.2
			50	0	18.26	18.25	18.47	18.7
		QPSK	1	0	16.42	16.31	16.69	17
			1	51	16.41	16.48	16.69	17
			25	12	16.44	16.40	16.80	17
			50	0	18.32	18.24	18.50	18.7
		16QAM	1	0	15.62	15.50	15.69	16
		64QAM	1	0	15.58	15.47	15.67	16
256QAM	1	0	15.50	15.47	15.64	16		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					371500	376500	381500	
15MHz	DFT-OFDM	PI2BPSK	1	0	16.91	16.85	16.93	17.2
			1	78	15.74	15.73	16.02	17.2
			36	18	16.25	16.32	16.56	17.2
			75	0	18.27	18.26	18.43	18.7
		QPSK	1	0	16.40	16.37	16.70	17
			1	78	16.48	16.45	16.63	17
			36	18	16.42	16.44	16.76	17
			75	0	18.24	18.25	18.44	18.7
		16QAM	1	0	15.48	15.57	15.71	16
		64QAM	1	0	15.54	15.49	15.68	16
256QAM	1	0	15.52	15.51	15.79	16		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					372000	376500	381000	
20MHz	DFT-OFDM	PI2BPSK	1	0	17.01	17.01	17.12	17.2
			1	105	17.15	15.87	17.13	17.2
			50	25	16.39	16.42	16.67	17.2
			100	0	18.46	18.41	18.59	18.7
		QPSK	1	0	16.55	16.60	16.80	17
			1	105	16.90	16.59	16.83	17
			50	25	16.61	16.57	16.91	17
			100	0	18.64	18.40	18.62	18.7
		16QAM	1	0	15.64	15.69	15.86	16
		64QAM	1	0	15.66	15.64	15.85	16

		256QAM	1	0	15.68	15.62	15.91	16
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23. NR n66

Sensor on/off	Receiver on/off							
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					342500	349000	355500	
5MHz	DFT-OFDM	PI2BPSK	1	0	21.35	21.29	20.48	22
			1	24	21.95	21.26	21.15	22
			12	6	21.58	21.72	20.66	22
			25	0	21.58	21.40	20.52	22
		QPSK	1	0	21.01	20.92	20.12	22
			1	24	21.93	20.80	21.07	22
			12	6	21.13	21.75	20.08	22
		25	0	21.17	20.75	20.18	22	
		16QAM	1	0	20.25	20.22	20.67	22
		64QAM	1	0	19.64	19.23	19.23	21
256QAM	1	0	17.87	17.40	17.09	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					343000	349000	355000	
10MHz	DFT-OFDM	PI2BPSK	1	0	21.09	21.02	20.31	22
			1	51	21.70	21.08	20.89	22
			25	12	21.33	21.57	20.43	22
			50	0	21.40	21.16	20.32	22
		QPSK	1	0	20.64	20.56	20.19	22
			1	51	21.83	20.47	21.06	22
			25	12	20.81	21.50	20.11	22
		50	0	20.77	20.67	20.07	22	
		16QAM	1	0	20.23	20.08	20.21	22
		64QAM	1	0	19.70	19.32	19.20	21
256QAM	1	0	17.41	17.14	17.39	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					343500	349000	354500	
15MHz	DFT-OFDM	PI2BPSK	1	0	21.09	21.11	20.38	22
			1	78	21.87	21.07	21.04	22
			36	18	21.35	21.86	20.78	22
			75	0	21.25	21.31	20.54	22
		QPSK	1	0	20.61	20.60	20.05	22
			1	78	21.89	20.61	21.03	22
			36	18	20.96	21.69	20.30	22
		75	0	20.97	20.65	20.18	22	
		16QAM	1	0	20.50	20.06	20.34	22
		64QAM	1	0	19.59	19.45	19.23	21
256QAM	1	0	17.44	17.49	17.21	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					344000	349000	354000	
20MHz	DFT-OFDM	PI2BPSK	1	0	21.13	21.21	20.47	22
			1	105	21.19	21.02	20.74	22
			50	25	21.36	21.15	21.16	22
			100	0	21.70	21.77	20.80	22
		QPSK	1	0	20.67	20.50	20.01	22
			1	105	20.62	20.39	20.36	22
			50	25	20.67	20.77	21.28	22
		100	0	21.93	21.74	20.24	22	
		16QAM	1	0	20.42	20.49	20.14	22
		64QAM	1	0	19.59	19.34	19.33	21
256QAM	1	0	17.81	17.60	17.22	19		

Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					344500	349000	353500	
25MHz	DFT-OFDM	PI2BPSK	1	0	21.39	21.40	21.02	22
			1	64	21.38	21.40	21.04	22
			32	16	21.35	21.42	21.03	22
			64	0	21.36	21.42	21.04	22
		QPSK	1	0	20.87	20.83	20.53	22
			1	64	20.87	20.98	20.55	22
			32	16	20.89	20.85	20.53	22
		64	0	20.88	20.85	20.53	22	
		16QAM	1	0	20.87	20.94	20.59	22
		64QAM	1	0	20.88	20.94	20.58	21
256QAM	1	0	17.54	17.51	17.15	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					345000	349000	353000	
30MHz	DFT-OFDM	PI2BPSK	1	0	21.31	21.35	21.04	22
			1	77	21.31	21.35	21.04	22
			36	18	21.32	21.38	21.04	22
			75	0	21.31	21.35	21.04	22
		QPSK	1	0	20.83	20.88	20.60	22
			1	77	20.81	20.89	20.50	22
			36	18	20.84	20.79	20.49	22
		75	0	20.82	20.90	20.61	22	
		16QAM	1	0	20.82	20.88	20.59	22
		64QAM	1	0	20.83	20.86	20.61	21
256QAM	1	0	17.42	17.48	17.14	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					345500	349000	352000	
40MHz	DFT-OFDM	PI2BPSK	1	0	21.34	21.25	21.11	22
			1	105	21.34	21.24	21.13	22
			50	25	21.35	21.23	21.69	22
			100	0	21.35	21.27	21.14	22
		QPSK	1	0	20.87	20.95	20.72	22
			1	215	20.85	20.94	20.71	22
			108	54	20.85	21.13	21.78	22
		216	0	20.88	21.04	20.75	22	
		16QAM	1	0	20.86	20.10	20.15	22
		64QAM	1	0	19.86	19.39	19.19	21
256QAM	1	0	17.50	18.09	17.61	19		

Sensor on/off	Receiver on/off							
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					133100	136100	139100	
5MHz	DFT-OFDM	PI2BPSK	1	0	22.47	22.40	22.33	23
			1	24	22.40	22.53	22.33	23
			12	6	22.72	22.87	22.87	23
			25	0	22.49	22.52	22.45	23
		QPSK	1	0	21.80	21.97	21.89	22
			1	24	21.92	21.87	21.95	22
			12	6	22.89	22.98	22.91	23
		25	0	21.88	22.10	21.97	23	
		16QAM	1	0	21.05	20.88	21.03	22
		64QAM	1	0	20.09	20.68	20.24	21
256QAM	1	0	18.05	18.30	18.59	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					133600	136100	138600	
10MHz	DFT-OFDM	PI2BPSK	1	0	22.16	22.10	22.31	23
			1	51	22.24	22.05	22.33	23
			25	12	22.63	22.80	22.87	23
			50	0	22.05	22.19	22.34	23
		QPSK	1	0	21.46	21.75	21.62	22
			1	51	21.62	21.78	21.76	22
			25	12	22.74	22.74	22.78	23
		50	0	21.55	21.88	21.86	23	
		16QAM	1	0	20.90	20.85	20.62	22
		64QAM	1	0	20.10	20.21	19.97	21
256QAM	1	0	18.26	18.13	18.24	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					134100	136100	138100	
15MHz	DFT-OFDM	PI2BPSK	1	0	22.32	22.13	22.39	23
			1	78	22.15	22.29	22.20	23
			36	18	22.89	22.71	22.93	23
			75	0	22.25	22.40	22.54	23
		QPSK	1	0	21.84	21.66	21.95	22
			1	78	21.73	21.75	21.78	22
			36	18	22.93	23.00	22.86	23
		75	0	21.96	22.11	21.96	23	
		16QAM	1	0	21.03	20.50	20.72	22
		64QAM	1	0	20.01	20.03	20.24	21
256QAM	1	0	18.28	18.11	18.43	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					134600	136100	137600	
20MHz	DFT-OFDM	PI2BPSK	1	0	22.34	22.18	22.14	23
			1	105	22.33	22.43	22.22	23
			50	25	22.13	22.42	22.29	23
			100	0	22.77	22.82	22.98	23
		QPSK	1	0	21.77	21.69	21.77	22
			1	105	21.90	21.81	21.85	22
			50	25	21.86	21.85	22.00	23
		100	0	22.92	22.93	22.97	23	
16QAM	1	0	20.97	20.56	21.07	22		
64QAM	1	0	20.26	20.05	20.02	21		



		256QAM	1	0	18.08	18.27	18.27	19
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24. NR n41 (PC2)

Sensor on/off	Receiver off							
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500200	518598	537000	
10MHz	DFT-OFDM	PI2BPSK	1	0	22.64	22.46	22.77	23
			1	23	22.60	22.44	23.00	23
			12	6	25.76	25.94	25.85	26.5
			24	0	26.14	25.48	26.32	26.5
		QPSK	1	0	22.58	22.46	21.54	23
			1	23	22.62	22.48	21.32	23
			12	6	26.25	25.92	25.86	26.5
			24	0	25.27	24.97	24.71	26.5
		16QAM	1	0	22.73	22.65	22.16	23
		64QAM	1	0	22.91	22.54	22.35	23
256QAM	1	0	21.50	21.69	21.26	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500700	518598	536500	
15MHz	DFT-OFDM	PI2BPSK	1	0	22.67	22.24	22.72	23
			1	37	22.62	22.42	22.81	23
			18	9	25.65	25.89	25.86	26.5
			36	0	26.21	25.42	26.28	26.5
		QPSK	1	0	22.41	22.27	22.99	23
			1	37	22.61	22.40	22.84	23
			18	9	26.21	25.90	26.28	26.5
			36	0	25.16	24.97	25.38	26.5
		16QAM	1	0	22.63	22.08	22.48	23
		64QAM	1	0	22.88	22.66	22.81	23
256QAM	1	0	21.93	21.74	21.81	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					501204	518598	535998	
20MHz	DFT-OFDM	PI2BPSK	1	0	22.59	22.14	22.75	23
			1	50	22.51	22.39	22.73	23
			25	12	25.82	25.93	25.82	26.5
			50	0	26.27	25.43	26.32	26.5
		QPSK	1	0	22.50	22.25	22.94	23
			1	50	22.69	22.42	22.90	23
			25	12	26.31	25.95	26.28	26.5
			50	0	25.24	24.93	25.31	26.5
		16QAM	1	0	22.60	22.44	22.66	23
		64QAM	1	0	22.58	21.93	22.66	23
256QAM	1	0	21.29	21.65	21.69	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					502200	518598	534996	
30MHz	DFT-OFDM	PI2BPSK	1	0	22.21	21.91	22.63	23
			1	77	22.27	22.14	22.28	23
			36	18	25.78	25.93	25.66	26.5
			75	0	26.32	25.37	26.25	26.5
		QPSK	1	0	22.36	21.93	22.73	23
			1	77	22.26	22.14	22.72	23
			36	18	26.35	25.87	26.34	26.5
			75	0	25.26	24.88	25.34	26.5
		16QAM	1	0	22.26	22.03	22.33	23
		64QAM	1	0	22.25	22.02	21.92	23
256QAM	1	0	21.11	21.30	21.26	22		

Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					503202	518598	534000	
40MHz	DFT-OFDM	PI2BPSK	1	0	22.05	21.70	22.41	23
			1	105	22.20	21.84	22.12	23
			50	25	26.31	25.33	26.12	26.5
			100	0	25.70	25.86	25.48	26.5
		QPSK	1	0	22.08	21.81	22.26	23
			1	105	21.89	21.81	22.60	23
			50	25	25.17	24.84	26.26	26.5
		100	0	26.32	25.86	25.18	26.5	
		16QAM	1	0	22.32	22.11	22.28	23
		64QAM	1	0	22.16	21.65	21.83	23
256QAM	1	0	20.94	21.06	20.97	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					504204	518598	532998	
50MHz	DFT-OFDM	PI2BPSK	1	0	22.43	21.98	22.49	23
			1	132	22.09	22.03	22.15	23
			64	32	25.67	25.33	26.03	26.5
			128	0	26.23	25.89	25.52	26.5
		QPSK	1	0	22.30	21.82	21.99	23
			1	132	21.93	21.82	22.30	23
			64	32	25.13	24.88	25.02	26.5
		128	0	26.26	25.93	26.17	26.5	
		16QAM	1	0	22.53	21.64	22.59	23
		64QAM	1	0	22.27	21.76	22.71	23
256QAM	1	0	21.67	21.86	21.55	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					505200	518598	531996	
60MHz	DFT-OFDM	PI2BPSK	1	0	22.23	21.94	22.49	23
			1	161	21.97	21.90	22.15	23
			81	40	25.54	25.28	25.98	26.5
			162	0	26.12	25.89	25.43	26.5
		QPSK	1	0	22.32	21.93	22.43	23
			1	161	21.90	21.85	22.62	23
			81	40	25.06	24.76	25.04	26.5
		162	0	26.10	25.84	26.09	26.5	
		16QAM	1	0	22.47	21.76	22.35	23
		64QAM	1	0	22.43	22.13	22.14	23
256QAM	1	0	21.60	21.24	21.38	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					507204	518598	529998	
80MHz	DFT-OFDM	PI2BPSK	1	0	22.14	21.79	22.51	23
			1	216	21.59	21.83	21.81	23
			108	54	26.02	25.90	25.46	26.5
			216	0	25.43	25.22	26.05	26.5
		QPSK	1	0	22.12	21.71	21.71	23
			1	216	21.65	21.75	22.47	23
			108	54	26.06	25.84	25.06	26.5
		216	0	24.87	24.77	26.04	26.5	
		16QAM	1	0	22.46	22.19	22.21	23
		64QAM	1	0	22.39	21.96	21.71	23
256QAM	1	0	21.14	21.08	21.18	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					508200	518598	528996	

90MHz	DFT-OFDM	PI2BPSK	1	0	21.85	21.56	22.21	23
			1	244	21.57	21.99	21.71	23
			120	60	26.07	25.87	25.43	26.5
			240	0	25.44	25.29	25.94	26.5
		QPSK	1	0	21.80	21.43	21.55	23
			1	244	21.37	21.82	22.35	23
			120	60	26.08	25.92	26.02	26.5
		240	0	24.94	24.75	24.93	26.5	
		16QAM	1	0	22.06	21.81	21.55	23
		64QAM	1	0	21.88	21.38	21.72	23
256QAM	1	0	20.76	20.87	20.93	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					509202	518598	528000	
100MHz	DFT-OFDM	PI2BPSK	1	0	21.45	21.18	21.33	23
			1	272	21.25	21.70	21.91	23
			135	67	25.85	25.72	25.77	26.5
			270	0	25.15	25.16	25.27	26.5
		QPSK	1	0	21.54	21.02	21.22	23
			1	272	21.32	21.50	21.95	23
			135	67	25.86	25.72	25.83	26.5
			270	0	24.71	24.64	24.77	26.5
		16QAM	1	0	21.55	21.23	21.61	23
		64QAM	1	0	21.72	21.10	21.32	23
256QAM	1	0	20.93	20.95	20.55	22		

Receiver on								
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500200	518598	537000	
10MHz	DFT-OFDM	PI2BPSK	1	0	19.20	18.93	19.31	19.5
			1	23	19.22	18.94	19.31	19.5
			12	6	20.61	20.90	20.99	21.5
			24	0	21.09	20.63	21.38	21.5
		QPSK	1	0	19.07	18.82	17.95	19.5
			1	23	19.14	19.10	17.87	19.5
			12	6	21.12	20.98	20.77	21.5
			24	0	20.18	19.85	19.77	21.5
		16QAM	1	0	19.30	19.01	18.52	19.5
		64QAM	1	0	19.39	18.90	18.94	19.5
256QAM	1	0	18.13	18.21	17.71	18.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500700	518598	536500	
15MHz	DFT-OFDM	PI2BPSK	1	0	19.13	18.61	19.13	19.5
			1	37	18.98	18.93	19.20	19.5
			18	9	20.75	20.79	20.76	21.5
			36	0	21.36	20.35	21.26	21.5
		QPSK	1	0	18.87	18.86	19.46	19.5
			1	37	19.12	18.84	19.48	19.5
			18	9	21.27	20.95	21.23	21.5
			36	0	20.07	19.92	20.38	21.5
		16QAM	1	0	19.11	18.64	19.12	19.5
		64QAM	1	0	19.36	19.02	19.34	19.5
256QAM	1	0	18.36	18.20	18.36	18.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					501204	518598	535998	
20MHz	DFT-OFDM	PI2BPSK	1	0	19.23	18.50	19.12	19.5
			1	50	18.86	18.99	19.23	19.5
			25	12	20.79	20.91	20.90	21.5
			50	0	21.23	20.40	21.33	21.5
		QPSK	1	0	19.00	18.82	19.38	19.5
			1	50	19.30	18.79	19.33	19.5
			25	12	21.20	20.85	21.42	21.5
			50	0	20.17	19.87	20.19	21.5
		16QAM	1	0	18.97	19.02	19.04	19.5
		64QAM	1	0	19.08	18.40	19.28	19.5
256QAM	1	0	17.75	18.05	18.19	18.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					502200	518598	534996	
30MHz	DFT-OFDM	PI2BPSK	1	0	18.81	18.46	19.27	19.5
			1	77	18.81	18.62	18.90	19.5
			36	18	20.66	21.00	20.57	21.5
			75	0	21.18	20.47	21.15	21.5
		QPSK	1	0	18.81	18.57	19.25	19.5
			1	77	18.86	18.57	19.12	19.5
			36	18	21.49	20.74	21.32	21.5
			75	0	20.29	19.93	20.47	21.5
		16QAM	1	0	18.65	18.51	18.87	19.5
		64QAM	1	0	18.64	18.48	18.33	19.5
256QAM	1	0	17.52	17.89	17.83	18.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	

					503202	518598	534000	Tune-up Limit
40MHz	DFT-OFDM	PI2BPSK	1	0	18.65	18.19	18.90	19.5
			1	105	18.81	18.42	18.69	19.5
			50	25	21.33	20.27	21.22	21.5
			100	0	20.57	20.90	20.51	21.5
		QPSK	1	0	18.65	18.26	18.87	19.5
			1	105	18.40	18.34	19.12	19.5
			50	25	20.10	19.70	21.29	21.5
			100	0	21.32	20.95	20.07	21.5
		16QAM	1	0	18.68	18.48	18.89	19.5
		64QAM	1	0	18.80	18.11	18.31	19.5
256QAM	1	0	17.41	17.45	17.52	18.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					504204	518598	532998	
50MHz	DFT-OFDM	PI2BPSK	1	0	19.06	18.46	18.96	19.5
			1	132	18.73	18.65	18.62	19.5
			64	32	20.82	20.22	21.00	21.5
			128	0	21.18	21.02	20.66	21.5
		QPSK	1	0	18.77	18.46	18.36	19.5
			1	132	18.35	18.43	18.90	19.5
			64	32	20.02	19.87	19.92	21.5
			128	0	21.28	21.01	21.17	21.5
		16QAM	1	0	19.08	18.03	19.11	19.5
		64QAM	1	0	18.78	18.24	19.06	19.5
256QAM	1	0	18.08	18.41	18.10	18.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					505200	518598	531996	
60MHz	DFT-OFDM	PI2BPSK	1	0	18.80	18.43	18.95	19.5
			1	161	18.46	18.39	18.79	19.5
			81	40	20.55	20.35	20.85	21.5
			162	0	21.17	20.97	20.30	21.5
		QPSK	1	0	18.67	18.30	18.88	19.5
			1	161	18.42	18.23	19.24	19.5
			81	40	20.02	19.77	20.00	21.5
			162	0	21.04	20.70	21.12	21.5
		16QAM	1	0	19.00	18.38	18.96	19.5
		64QAM	1	0	18.89	18.68	18.72	19.5
256QAM	1	0	18.25	17.61	17.95	18.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					507204	518598	529998	
80MHz	DFT-OFDM	PI2BPSK	1	0	18.74	18.27	19.10	19.5
			1	216	17.98	18.24	18.46	19.5
			108	54	20.94	20.99	20.51	21.5
			216	0	20.45	20.10	21.09	21.5
		QPSK	1	0	18.57	18.10	18.16	19.5
			1	216	18.19	18.21	18.84	19.5
			108	54	21.07	20.94	20.01	21.5
			216	0	20.00	19.85	21.06	21.5
		16QAM	1	0	19.06	18.79	18.72	19.5
		64QAM	1	0	19.01	18.49	18.09	19.5
256QAM	1	0	17.60	17.55	17.70	18.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					508200	518598	528996	

90MHz	DFT-OFDM	PI2BPSK	1	0	18.30	18.04	18.67	19.5
			1	244	18.02	18.56	18.32	19.5
			120	60	21.09	20.73	20.39	21.5
			240	0	20.43	20.31	21.00	21.5
		QPSK	1	0	18.39	17.97	18.00	19.5
			1	244	18.01	18.40	18.72	19.5
			120	60	21.19	21.02	20.97	21.5
			240	0	19.91	19.69	19.82	21.5
		16QAM	1	0	18.60	18.24	17.94	19.5
		64QAM	1	0	18.35	17.79	18.16	19.5
256QAM	1	0	17.24	17.29	17.55	18.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					509202	518598	528000	
100MHz	DFT-OFDM	PI2BPSK	1	0	17.89	17.77	17.92	19.5
			1	272	17.83	18.21	18.29	19.5
			135	67	20.80	20.62	20.77	21.5
			270	0	20.01	20.16	20.16	21.5
		QPSK	1	0	18.19	17.56	17.73	19.5
			1	272	17.86	17.88	18.55	19.5
			135	67	20.99	20.59	20.81	21.5
			270	0	19.83	19.67	19.92	21.5
		16QAM	1	0	18.03	17.62	18.25	19.5
		64QAM	1	0	18.19	17.75	17.82	19.5
256QAM	1	0	17.45	17.51	17.17	18.5		

Simultaneous transmission with WLAN & BT

Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500200	518598	537000	
10MHz	DFT-OFDM	PI2BPSK	1	0	16.82	16.45	16.66	17
			1	23	16.74	16.49	16.67	17
			12	6	16.02	16.41	16.45	17
			24	0	16.68	16.26	16.78	17
		QPSK	1	0	16.44	16.46	15.57	17
			1	23	16.68	16.69	15.28	17
			12	6	16.68	16.60	16.23	17
			24	0	15.57	15.27	15.39	17
		16QAM	1	0	16.95	16.46	15.93	17
		64QAM	1	0	16.75	16.34	16.57	17
256QAM	1	0	16.74	16.71	16.16	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500700	518598	536500	
15MHz	DFT-OFDM	PI2BPSK	1	0	16.64	16.23	16.50	17
			1	37	16.40	16.31	16.80	17
			18	9	16.26	16.30	16.16	17
			36	0	16.77	15.78	16.81	17
		QPSK	1	0	16.39	16.48	16.57	17
			1	37	16.56	16.34	16.58	17
			18	9	16.78	16.60	16.79	17
			36	0	15.49	15.38	16.02	17
		16QAM	1	0	16.63	16.02	16.53	17
		64QAM	1	0	16.93	16.44	16.83	17
256QAM	1	0	16.61	16.58	16.91	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					501204	518598	535998	
20MHz	DFT-OFDM	PI2BPSK	1	0	16.59	15.98	16.62	17
			1	50	16.27	16.50	16.65	17
			25	12	16.17	16.48	16.52	17
			50	0	16.79	15.75	16.70	17
		QPSK	1	0	16.46	16.31	16.98	17
			1	50	16.78	16.18	16.67	17
			25	12	16.61	16.22	16.96	17
			50	0	15.54	15.40	15.78	17
		16QAM	1	0	16.42	16.64	16.42	17
		64QAM	1	0	16.66	16.04	16.66	17
256QAM	1	0	16.39	16.70	16.60	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					502200	518598	534996	
30MHz	DFT-OFDM	PI2BPSK	1	0	16.21	16.11	16.83	17
			1	77	16.34	16.07	16.31	17
			36	18	16.14	16.57	15.97	17
			75	0	16.79	15.82	16.59	17
		QPSK	1	0	16.45	15.99	16.63	17
			1	77	16.45	16.02	16.69	17
			36	18	16.84	16.28	16.88	17
			75	0	15.69	15.48	16.03	17
		16QAM	1	0	16.18	15.99	16.44	17
		64QAM	1	0	16.06	15.91	15.82	17
256QAM	1	0	15.87	16.24	16.43	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	



					503202	518598	534000	Tune-up Limit
40MHz	DFT-OFDM	PI2BPSK	1	0	16.71	16.22	16.89	17
			1	105	16.84	16.55	16.64	17
			50	25	16.76	15.79	16.72	17
			100	0	16.14	16.48	16.09	17
		QPSK	1	0	16.75	16.40	16.78	17
			1	105	16.47	16.39	16.45	17
			50	25	15.72	15.22	16.71	17
		100	0	16.72	16.35	15.66	17	
		16QAM	1	0	16.30	16.12	16.52	17
		64QAM	1	0	16.36	15.55	15.66	17
256QAM	1	0	16.02	16.05	16.05	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					504204	518598	532998	
50MHz	DFT-OFDM	PI2BPSK	1	0	16.68	16.55	16.94	17
			1	132	16.80	16.66	16.68	17
			64	32	16.44	15.67	16.54	17
			128	0	16.56	16.41	16.25	17
		QPSK	1	0	16.81	16.44	16.33	17
			1	132	16.49	16.46	16.83	17
			64	32	15.67	15.43	15.35	17
		128	0	16.91	16.44	16.77	17	
		16QAM	1	0	16.43	15.48	16.52	17
		64QAM	1	0	16.26	15.88	16.43	17
256QAM	1	0	16.62	17.00	16.53	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					505200	518598	531996	
60MHz	DFT-OFDM	PI2BPSK	1	0	16.92	16.36	16.89	17
			1	161	16.49	16.50	16.76	17
			81	40	16.17	15.97	16.27	17
			162	0	16.70	16.35	15.93	17
		QPSK	1	0	16.66	16.43	16.73	17
			1	161	16.35	16.10	16.53	17
			81	40	15.38	15.32	15.44	17
		162	0	16.46	16.13	16.67	17	
		16QAM	1	0	16.41	15.73	16.37	17
		64QAM	1	0	16.28	16.08	16.17	17
256QAM	1	0	16.90	16.20	16.41	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					507204	518598	529998	
80MHz	DFT-OFDM	PI2BPSK	1	0	16.65	16.15	16.98	17
			1	216	15.84	16.20	16.61	17
			108	54	16.49	16.52	16.08	17
			216	0	15.82	15.64	16.72	17
		QPSK	1	0	16.63	16.06	16.21	17
			1	216	16.31	16.33	16.90	17
			108	54	16.60	16.36	15.45	17
		216	0	15.50	15.27	16.67	17	
		16QAM	1	0	16.44	16.27	16.37	17
		64QAM	1	0	16.57	16.09	15.70	17
256QAM	1	0	16.16	16.08	16.32	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					508200	518598	528996	

90MHz	DFT-OFDM	PI2BPSK	1	0	16.36	16.10	16.68	17
			1	244	16.05	16.61	16.45	17
			120	60	16.54	16.12	15.97	17
			240	0	15.97	15.70	16.65	17
		QPSK	1	0	16.32	15.96	15.95	17
			1	244	15.93	16.32	16.70	17
			120	60	16.59	16.51	16.58	17
		240	0	15.47	15.22	15.37	17	
		16QAM	1	0	16.55	16.20	16.03	17
		64QAM	1	0	16.31	15.66	16.16	17
256QAM	1	0	15.79	15.86	16.07	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					509202	518598	528000	
100MHz	DFT-OFDM	PI2BPSK	1	0	16.03	15.92	15.99	17
			1	272	15.74	16.26	16.14	17
			135	67	16.32	16.09	16.36	17
			270	0	15.63	15.76	15.55	17
		QPSK	1	0	16.20	15.62	15.86	17
			1	272	15.84	15.90	16.54	17
			135	67	16.40	16.12	16.32	17
		270	0	15.48	15.03	15.37	17	
		16QAM	1	0	16.00	15.69	16.19	17
		64QAM	1	0	16.32	15.80	15.94	17
		256QAM	1	0	15.89	15.86	15.74	17

EN-DC								
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500200	518598	537000	
10MHz	DFT-OFDM	PI2BPSK	1	0	15.27	14.94	15.29	15.5
			1	23	15.24	15.06	15.24	15.5
			12	6	14.52	14.98	15.01	15.5
			24	0	15.10	14.64	15.40	15.5
		QPSK	1	0	14.84	15.06	14.06	15.5
			1	23	15.18	15.26	13.93	15.5
			12	6	15.16	15.05	14.63	15.5
			24	0	14.00	13.62	13.99	15.5
		16QAM	1	0	15.35	15.03	14.55	15.5
		64QAM	1	0	15.34	14.96	15.17	15.5
256QAM	1	0	15.32	15.26	14.66	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500700	518598	536500	
15MHz	DFT-OFDM	PI2BPSK	1	0	15.24	14.86	14.98	15.5
			1	37	14.75	14.80	15.17	15.5
			18	9	14.64	14.84	14.69	15.5
			36	0	15.34	14.42	15.25	15.5
		QPSK	1	0	14.78	14.97	15.38	15.5
			1	37	14.97	14.98	15.27	15.5
			18	9	15.31	15.06	15.39	15.5
			36	0	14.06	13.80	14.62	15.5
		16QAM	1	0	15.16	14.58	15.15	15.5
		64QAM	1	0	15.47	14.94	15.45	15.5
256QAM	1	0	15.29	14.96	15.36	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					501204	518598	535998	
20MHz	DFT-OFDM	PI2BPSK	1	0	15.02	14.59	15.22	15.5
			1	50	14.86	14.86	15.03	15.5
			25	12	14.62	14.86	14.95	15.5
			50	0	15.39	14.22	15.10	15.5
		QPSK	1	0	15.03	14.88	15.37	15.5
			1	50	15.39	14.54	15.31	15.5
			25	12	15.12	14.87	15.47	15.5
			50	0	14.03	13.92	14.21	15.5
		16QAM	1	0	15.04	15.07	15.01	15.5
		64QAM	1	0	15.04	14.55	15.05	15.5
256QAM	1	0	14.96	15.25	15.00	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					502200	518598	534996	
30MHz	DFT-OFDM	PI2BPSK	1	0	14.76	14.74	15.22	15.5
			1	77	14.85	14.55	14.66	15.5
			36	18	14.69	15.03	14.53	15.5
			75	0	15.15	14.28	15.01	15.5
		QPSK	1	0	14.84	14.59	15.24	15.5
			1	77	15.07	14.51	15.11	15.5
			36	18	15.43	14.83	15.43	15.5
			75	0	14.34	13.84	14.51	15.5
		16QAM	1	0	14.55	14.40	14.98	15.5
		64QAM	1	0	14.45	14.41	14.22	15.5
256QAM	1	0	14.39	14.65	14.94	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	

					503202	518598	534000	Tune-up Limit
40MHz	DFT-OFDM	PI2BPSK	1	0	15.14	14.72	15.48	15.5
			1	105	15.26	15.03	15.06	15.5
			50	25	15.33	14.15	15.28	15.5
			100	0	14.70	15.01	14.69	15.5
		QPSK	1	0	15.39	14.84	15.24	15.5
			1	105	14.98	14.75	15.44	15.5
			50	25	14.37	13.72	15.21	15.5
			100	0	15.34	14.99	14.08	15.5
		16QAM	1	0	14.65	14.62	14.88	15.5
		64QAM	1	0	14.89	14.10	14.03	15.5
256QAM	1	0	14.52	14.66	14.44	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					504204	518598	532998	
50MHz	DFT-OFDM	PI2BPSK	1	0	15.44	15.08	15.29	15.5
			1	132	15.24	15.05	15.33	15.5
			64	32	14.91	14.04	15.15	15.5
			128	0	15.11	15.02	14.80	15.5
		QPSK	1	0	15.45	15.03	14.84	15.5
			1	132	14.99	14.82	15.47	15.5
			64	32	14.06	13.88	13.99	15.5
			128	0	15.50	14.99	15.41	15.5
		16QAM	1	0	14.82	13.92	15.00	15.5
		64QAM	1	0	14.84	14.39	15.02	15.5
256QAM	1	0	15.05	15.32	15.12	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					505200	518598	531996	
60MHz	DFT-OFDM	PI2BPSK	1	0	15.28	14.77	15.30	15.5
			1	161	14.87	14.96	15.11	15.5
			81	40	14.73	14.52	14.83	15.5
			162	0	15.11	14.96	14.37	15.5
		QPSK	1	0	15.11	14.83	15.21	15.5
			1	161	14.86	14.56	15.39	15.5
			81	40	14.02	13.73	13.83	15.5
			162	0	14.88	14.50	15.28	15.5
		16QAM	1	0	14.92	14.18	14.97	15.5
		64QAM	1	0	14.84	14.50	14.78	15.5
256QAM	1	0	15.44	14.85	15.05	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					507204	518598	529998	
80MHz	DFT-OFDM	PI2BPSK	1	0	15.23	14.71	15.32	15.5
			1	216	14.19	14.62	15.00	15.5
			108	54	14.92	14.89	14.64	15.5
			216	0	14.39	14.15	15.17	15.5
		QPSK	1	0	15.06	14.61	14.65	15.5
			1	216	14.77	14.91	15.49	15.5
			108	54	14.95	14.87	13.89	15.5
			216	0	14.00	13.77	15.28	15.5
		16QAM	1	0	14.86	14.82	14.85	15.5
		64QAM	1	0	15.22	14.55	14.18	15.5
256QAM	1	0	14.76	14.46	14.84	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					508200	518598	528996	

90MHz	DFT-OFDM	PI2BPSK	1	0	14.93	14.63	15.03	15.5
			1	244	14.68	15.07	15.05	15.5
			120	60	15.16	14.77	14.35	15.5
			240	0	14.62	14.25	15.02	15.5
		QPSK	1	0	14.68	14.56	14.32	15.5
			1	244	14.38	14.89	15.11	15.5
			120	60	15.13	14.97	15.15	15.5
		240	0	13.83	13.85	13.99	15.5	
		16QAM	1	0	15.00	14.80	14.48	15.5
		64QAM	1	0	14.80	14.05	14.58	15.5
256QAM	1	0	14.25	14.26	14.48	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					509202	518598	528000	
100MHz	DFT-OFDM	PI2BPSK	1	0	14.43	14.34	14.55	15.5
			1	272	14.25	14.88	14.65	15.5
			135	67	14.81	14.65	14.74	15.5
			270	0	13.98	14.39	14.10	15.5
		QPSK	1	0	14.71	14.11	14.23	15.5
			1	272	14.32	14.42	15.03	15.5
			135	67	14.95	14.47	14.68	15.5
			270	0	14.07	13.63	13.85	15.5
		16QAM	1	0	14.36	14.21	14.55	15.5
		64QAM	1	0	14.88	14.31	14.46	15.5
256QAM	1	0	14.32	14.22	14.29	15.5		

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Sensor on/off	Receiver off							
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500200	518598	537000	
10MHz	DFT-OFDM	PI2BPSK	1	0	21.43	21.22	21.30	21.6
			1	23	21.23	21.48	21.57	21.6
			12	6	22.90	22.78	22.83	23.2
			24	0	22.14	22.12	22.21	22.5
		QPSK	1	0	20.77	20.67	20.67	21.6
			1	23	20.62	21.04	21.43	21.6
			12	6	22.87	22.79	22.91	23.2
		24	0	21.78	21.93	21.94	22.5	
		16QAM	1	0	20.61	20.10	20.13	21.5
		64QAM	1	0	19.67	19.84	19.64	21.5
256QAM	1	0	17.89	17.67	17.98	19.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500700	518598	536500	
15MHz	DFT-OFDM	PI2BPSK	1	0	21.41	21.16	21.24	21.6
			1	37	21.23	21.59	21.57	21.6
			18	9	22.94	22.75	22.85	23.2
			36	0	22.14	22.17	22.20	22.5
		QPSK	1	0	20.84	20.58	20.71	21.6
			1	37	20.65	21.04	21.41	21.6
			18	9	22.87	22.85	22.91	23.2
		36	0	21.75	21.85	22.03	22.5	
		16QAM	1	0	20.58	20.17	20.15	21.5
		64QAM	1	0	19.52	19.91	19.74	21.5
256QAM	1	0	17.95	17.60	18.02	19.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					501204	518598	535998	
20MHz	DFT-OFDM	PI2BPSK	1	0	21.46	21.23	21.31	21.6
			1	50	21.18	21.53	21.58	21.6
			25	12	22.88	22.77	22.77	23.2
			50	0	22.20	22.10	22.21	22.5
		QPSK	1	0	20.76	20.63	20.67	21.6
			1	50	20.61	21.04	21.43	21.6
			25	12	22.87	22.88	22.87	23.2
		50	0	21.80	21.86	22.03	22.5	
		16QAM	1	0	20.58	20.17	20.08	21.5
		64QAM	1	0	19.55	19.89	19.69	21.5
256QAM	1	0	17.95	17.62	18.02	19.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					502200	518598	534996	
30MHz	DFT-OFDM	PI2BPSK	1	0	21.45	21.17	21.22	21.6
			1	77	21.20	21.54	21.47	21.6
			36	18	22.92	22.77	22.78	23.2
			75	0	22.13	22.18	22.25	22.5
		QPSK	1	0	20.86	20.68	20.68	21.6
			1	77	20.64	21.00	21.42	21.6
			36	18	22.93	22.79	22.83	23.2
		75	0	21.77	21.90	21.98	22.5	
		16QAM	1	0	20.56	20.14	20.08	21.5
		64QAM	1	0	19.88	19.85	19.87	21.5
256QAM	1	0	17.91	17.61	17.94	19.5		

Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					503202	518598	534000	
40MHz	DFT-OFDM	PI2BPSK	1	0	21.45	21.23	21.25	21.6
			1	105	21.23	21.51	21.53	21.6
			50	25	22.90	22.83	22.85	23.2
			100	0	22.21	22.16	22.30	22.5
		QPSK	1	0	20.79	20.64	20.67	21.6
			1	105	20.69	21.06	21.41	21.6
			50	25	22.93	22.85	22.88	23.2
		100	0	21.79	21.85	21.97	22.5	
		16QAM	1	0	20.57	20.13	20.08	21.5
		64QAM	1	0	19.67	19.84	19.50	21.5
256QAM	1	0	17.98	17.57	17.97	19.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					504204	518598	532998	
50MHz	DFT-OFDM	PI2BPSK	1	0	21.38	21.16	21.27	21.6
			1	132	21.19	21.56	21.43	21.6
			64	32	22.89	22.80	22.84	23.2
			128	0	22.14	22.14	22.23	22.5
		QPSK	1	0	20.79	20.68	20.72	21.6
			1	132	20.66	21.02	21.39	21.6
			64	32	22.85	22.84	22.90	23.2
		128	0	21.73	21.94	21.94	22.5	
		16QAM	1	0	20.52	20.10	20.08	21.5
		64QAM	1	0	19.77	19.83	19.74	21.5
256QAM	1	0	17.91	17.60	18.04	19.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					505200	518598	531996	
60MHz	DFT-OFDM	PI2BPSK	1	0	21.42	21.21	21.27	21.6
			1	161	21.25	21.55	21.48	21.6
			81	40	22.85	22.83	22.83	23.2
			162	0	22.14	22.14	22.26	22.5
		QPSK	1	0	20.79	20.67	20.64	21.6
			1	161	20.62	20.98	21.37	21.6
			81	40	22.85	22.88	22.82	23.2
		162	0	21.80	21.86	21.99	22.5	
		16QAM	1	0	20.55	20.13	20.07	21.5
		64QAM	1	0	19.50	19.89	19.66	21.5
256QAM	1	0	17.91	17.67	17.99	19.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					507204	518598	529998	
80MHz	DFT-OFDM	PI2BPSK	1	0	21.38	21.17	21.29	21.6
			1	216	21.20	21.51	21.54	21.6
			108	54	22.91	22.82	22.84	23.2
			216	0	22.21	22.14	22.24	22.5
		QPSK	1	0	20.82	20.68	20.70	21.6
			1	216	20.62	21.07	21.38	21.6
			108	54	22.84	22.82	22.84	23.2
		216	0	21.72	21.87	21.99	22.5	
		16QAM	1	0	20.57	20.09	20.10	21.5
		64QAM	1	0	19.50	19.91	19.54	21.5
256QAM	1	0	17.96	17.62	18.00	19.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					508200	518598	528996	

90MHz	DFT-OFDM	PI2BPSK	1	0	21.37	21.18	21.22	21.6
			1	244	21.17	21.58	21.49	21.6
			120	60	22.88	22.74	22.80	23.2
			240	0	22.21	22.20	22.29	22.5
		QPSK	1	0	20.81	20.64	20.68	21.6
			1	244	20.63	21.07	21.39	21.6
			120	60	22.93	22.83	22.90	23.2
		240	0	21.76	21.85	21.94	22.5	
		16QAM	1	0	20.53	20.16	20.12	21.5
		64QAM	1	0	19.54	19.89	19.55	21.5
256QAM	1	0	17.90	17.64	18.03	19.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					509202	518598	528000	
100MHz	DFT-OFDM	PI2BPSK	1	0	21.57	21.34	21.42	21.6
			1	272	21.36	21.51	21.49	21.6
			135	67	23.04	22.93	22.95	23.2
			270	0	22.33	22.30	22.40	22.5
		QPSK	1	0	20.96	20.78	20.84	21.6
			1	272	20.79	21.17	21.56	21.6
			135	67	23.04	22.99	23.01	23.2
		270	0	21.90	22.04	22.14	22.5	
		16QAM	1	0	20.71	20.27	20.27	21.5
		64QAM	1	0	19.66	20.01	19.63	21.5
256QAM	1	0	18.09	17.77	18.14	19.5		



Receiver on								
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500200	518598	537000	
10MHz	DFT-OFDM	PI2BPSK	1	0	18.30	17.87	18.06	18.5
			1	23	18.15	18.20	18.27	18.5
			12	6	17.99	17.96	18.17	18.5
			24	0	18.30	18.32	18.40	18.5
		QPSK	1	0	17.20	17.27	17.30	17.7
			1	23	17.34	17.39	17.41	17.7
			12	6	17.46	17.51	17.46	17.7
		24	0	18.38	18.49	18.40	18.7	
		16QAM	1	0	16.43	16.55	16.40	17
64QAM	1	0	16.44	16.51	16.56	17		
256QAM	1	0	16.43	16.48	16.56	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500700	518598	536500	
15MHz	DFT-OFDM	PI2BPSK	1	0	18.26	17.93	18.03	18.5
			1	37	18.20	18.12	18.29	18.5
			18	9	17.96	17.92	18.11	18.5
			36	0	18.31	18.30	18.46	18.5
		QPSK	1	0	17.16	17.21	17.28	17.7
			1	37	17.38	17.31	17.44	17.7
			18	9	17.45	17.47	17.48	17.7
		36	0	18.35	18.49	18.48	18.7	
		16QAM	1	0	16.43	16.53	16.43	17
64QAM	1	0	16.38	16.49	16.50	17		
256QAM	1	0	16.41	16.49	16.54	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					501204	518598	535998	
20MHz	DFT-OFDM	PI2BPSK	1	0	18.22	17.94	18.01	18.5
			1	50	18.21	18.19	18.35	18.5
			25	12	17.96	17.92	18.13	18.5
			50	0	18.32	18.32	18.43	18.5
		QPSK	1	0	17.16	17.19	17.30	17.7
			1	50	17.33	17.40	17.46	17.7
			25	12	17.43	17.46	17.54	17.7
		50	0	18.32	18.44	18.44	18.7	
		16QAM	1	0	16.46	16.57	16.47	17
64QAM	1	0	16.41	16.55	16.54	17		
256QAM	1	0	16.44	16.43	16.53	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					502200	518598	534996	
30MHz	DFT-OFDM	PI2BPSK	1	0	18.30	17.91	18.04	18.5
			1	77	18.19	18.16	18.34	18.5
			36	18	18.00	17.97	18.18	18.5
			75	0	18.32	18.34	18.38	18.5
		QPSK	1	0	17.19	17.26	17.25	17.7
			1	77	17.36	17.34	17.41	17.7
			36	18	17.41	17.48	17.56	17.7
		75	0	18.37	18.46	18.44	18.7	
		16QAM	1	0	16.47	16.53	16.41	17
64QAM	1	0	16.40	16.53	16.54	17		
256QAM	1	0	16.36	16.48	16.52	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	

					503202	518598	534000	Tune-up Limit
40MHz	DFT-OFDM	PI2BPSK	1	0	18.27	17.93	18.07	18.5
			1	105	18.18	18.13	18.33	18.5
			50	25	17.98	17.99	18.18	18.5
			100	0	18.27	18.32	18.45	18.5
		QPSK	1	0	17.13	17.24	17.26	17.7
			1	105	17.32	17.37	17.49	17.7
			50	25	17.49	17.44	17.48	17.7
		100	0	18.33	18.41	18.39	18.7	
		16QAM	1	0	16.39	16.59	16.41	17
		64QAM	1	0	16.45	16.53	16.46	17
256QAM	1	0	16.36	16.39	16.57	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					504204	518598	532998	
50MHz	DFT-OFDM	PI2BPSK	1	0	18.26	17.92	18.04	18.5
			1	132	18.17	18.19	18.34	18.5
			64	32	18.03	17.97	18.15	18.5
			128	0	18.33	18.35	18.41	18.5
		QPSK	1	0	17.20	17.28	17.27	17.7
			1	132	17.33	17.37	17.50	17.7
			64	32	17.44	17.48	17.53	17.7
		128	0	18.34	18.46	18.48	18.7	
		16QAM	1	0	16.39	16.51	16.42	17
		64QAM	1	0	16.38	16.53	16.46	17
256QAM	1	0	16.38	16.45	16.49	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					505200	518598	531996	
60MHz	DFT-OFDM	PI2BPSK	1	0	18.30	17.91	18.03	18.5
			1	161	18.17	18.10	18.28	18.5
			81	40	17.99	17.97	18.18	18.5
			162	0	18.27	18.33	18.42	18.5
		QPSK	1	0	17.14	17.20	17.22	17.7
			1	161	17.35	17.37	17.50	17.7
			81	40	17.45	17.42	17.50	17.7
		162	0	18.28	18.41	18.40	18.7	
		16QAM	1	0	16.42	16.57	16.38	17
		64QAM	1	0	16.39	16.53	16.49	17
256QAM	1	0	16.38	16.40	16.48	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					507204	518598	529998	
80MHz	DFT-OFDM	PI2BPSK	1	0	18.26	17.96	18.05	18.5
			1	216	18.11	18.16	18.35	18.5
			108	54	17.98	17.93	18.15	18.5
			216	0	18.29	18.33	18.46	18.5
		QPSK	1	0	17.18	17.29	17.21	17.7
			1	216	17.33	17.35	17.49	17.7
			108	54	17.48	17.44	17.52	17.7
		216	0	18.33	18.45	18.48	18.7	
		16QAM	1	0	16.39	16.58	16.48	17
		64QAM	1	0	16.46	16.52	16.53	17
256QAM	1	0	16.39	16.49	16.48	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					508200	518598	528996	

90MHz	DFT-OFDM	PI2BPSK	1	0	18.22	17.88	18.03	18.5
			1	244	18.14	18.19	18.30	18.5
			120	60	17.96	17.97	18.11	18.5
			240	0	18.29	18.31	18.37	18.5
		QPSK	1	0	17.16	17.21	17.24	17.7
			1	244	17.39	17.34	17.43	17.7
			120	60	17.40	17.42	17.56	17.7
			240	0	18.33	18.43	18.42	18.7
		16QAM	1	0	16.42	16.59	16.46	17
		64QAM	1	0	16.42	16.48	16.49	17
256QAM	1	0	16.34	16.40	16.51	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					509202	518598	528000	
100MHz	DFT-OFDM	PI2BPSK	1	0	18.40	18.06	18.21	18.5
			1	272	18.31	18.30	18.45	18.5
			135	67	18.16	18.12	18.28	18.5
			270	0	18.46	18.49	18.11	18.5
		QPSK	1	0	17.51	17.60	17.41	17.7
			1	272	17.45	17.50	17.62	17.7
			135	67	17.68	17.61	17.66	17.7
			270	0	18.48	18.59	18.65	18.7
		16QAM	1	0	16.58	16.69	16.58	17
		64QAM	1	0	16.56	16.68	16.66	17
256QAM	1	0	16.54	16.59	16.68	17		

Simultaneous transmission with WLAN & BT

Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500200	518598	537000	
10MHz	DFT-OFDM	PI2BPSK	1	0	14.25	14.09	14.35	14.7
			1	23	14.21	14.30	14.39	14.7
			12	6	14.24	14.31	14.49	14.7
			24	0	14.24	14.41	14.45	14.7
		QPSK	1	0	13.30	13.29	13.39	13.7
			1	23	13.37	13.33	13.45	13.7
			12	6	13.39	13.40	13.42	13.7
			24	0	14.23	14.42	14.43	14.7
		16QAM	1	0	12.31	12.49	12.52	13
		64QAM	1	0	12.32	12.44	12.46	13
256QAM	1	0	12.30	12.40	12.46	13		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500700	518598	536500	
15MHz	DFT-OFDM	PI2BPSK	1	0	14.24	14.11	14.27	14.7
			1	37	14.13	14.34	14.42	14.7
			18	9	14.20	14.32	14.46	14.7
			36	0	14.25	14.39	14.51	14.7
		QPSK	1	0	13.31	13.38	13.38	13.7
			1	37	13.29	13.31	13.50	13.7
			18	9	13.34	13.40	13.44	13.7
			36	0	14.30	14.39	14.51	14.7
		16QAM	1	0	12.23	12.46	12.56	13
		64QAM	1	0	12.41	12.44	12.54	13
256QAM	1	0	12.32	12.36	12.51	13		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					501204	518598	535998	
20MHz	DFT-OFDM	PI2BPSK	1	0	14.22	14.12	14.29	14.7
			1	50	14.14	14.33	14.38	14.7
			25	12	14.28	14.29	14.42	14.7
			50	0	14.24	14.40	14.41	14.7
		QPSK	1	0	13.32	13.32	13.40	13.7
			1	50	13.28	13.35	13.45	13.7
			25	12	13.38	13.35	13.43	13.7
			50	0	14.23	14.40	14.50	14.7
		16QAM	1	0	12.26	12.54	12.54	13
		64QAM	1	0	12.38	12.44	12.44	13
256QAM	1	0	12.32	12.48	12.57	13		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					502200	518598	534996	
30MHz	DFT-OFDM	PI2BPSK	1	0	14.24	14.15	14.32	14.7
			1	77	14.15	14.30	14.40	14.7
			36	18	14.21	14.37	14.40	14.7
			75	0	14.30	14.41	14.42	14.7
		QPSK	1	0	13.29	13.31	13.40	13.7
			1	77	13.28	13.37	13.42	13.7
			36	18	13.29	13.40	13.48	13.7
			75	0	14.31	14.44	14.46	14.7
		16QAM	1	0	12.33	12.47	12.60	13
		64QAM	1	0	12.32	12.52	12.58	13
256QAM	1	0	12.36	12.46	12.49	13		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	

					503202	518598	534000	Tune-up Limit	
40MHz	DFT-OFDM	PI2BPSK	1	0	14.26	14.16	14.35	14.7	
			1	105	14.13	14.26	14.33	14.7	
			50	25	14.20	14.37	14.42	14.7	
			100	0	14.31	14.34	14.48	14.7	
		QPSK	1	0	13.33	13.29	13.39	13.7	
			1	105	13.32	13.38	13.43	13.7	
			50	25	13.37	13.41	13.46	13.7	
			100	0	14.25	14.37	14.43	14.7	
		16QAM	1	0	12.32	12.53	12.55	13	
		64QAM	1	0	12.25	12.48	12.50	13	
256QAM	1	0	12.31	12.48	12.50	13			
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit	
					504204	518598	532998		
50MHz	DFT-OFDM	PI2BPSK	1	0	14.20	14.08	14.30	14.7	
			1	132	14.20	14.32	14.38	14.7	
			64	32	14.27	14.34	14.46	14.7	
			128	0	14.25	14.43	14.45	14.7	
		QPSK	1	0	13.32	13.29	13.40	13.40	13.7
			1	132	13.35	13.40	13.41	13.41	13.7
			64	32	13.30	13.42	13.48	13.48	13.7
			128	0	14.26	14.46	14.46	14.7	
		16QAM	1	0	12.39	12.42	12.48	13	
		64QAM	1	0	12.38	12.42	12.54	13	
256QAM	1	0	12.36	12.49	12.56	13			
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit	
					505200	518598	531996		
60MHz	DFT-OFDM	PI2BPSK	1	0	14.21	14.08	14.26	14.7	
			1	161	14.18	14.28	14.42	14.7	
			81	40	14.25	14.30	14.45	14.7	
			162	0	14.32	14.41	14.42	14.7	
		QPSK	1	0	13.29	13.38	13.43	13.43	13.7
			1	161	13.37	13.35	13.42	13.42	13.7
			81	40	13.36	13.41	13.46	13.46	13.7
			162	0	14.25	14.41	14.49	14.7	
		16QAM	1	0	12.33	12.46	12.61	13	
		64QAM	1	0	12.29	12.42	12.59	13	
256QAM	1	0	12.32	12.46	12.49	13			
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit	
					507204	518598	529998		
80MHz	DFT-OFDM	PI2BPSK	1	0	14.24	14.06	14.30	14.7	
			1	216	14.20	14.34	14.43	14.7	
			108	54	14.25	14.30	14.42	14.7	
			216	0	14.28	14.42	14.43	14.7	
		QPSK	1	0	13.34	13.37	13.44	13.44	13.7
			1	216	13.35	13.36	13.41	13.41	13.7
			108	54	13.35	13.40	13.44	13.44	13.7
			216	0	14.23	14.46	14.49	14.7	
		16QAM	1	0	12.35	12.43	12.57	13	
		64QAM	1	0	12.27	12.46	12.53	13	
256QAM	1	0	12.26	12.48	12.55	13			
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit	
					508200	518598	528996		

90MHz	DFT-OFDM	PI2BPSK	1	0	14.27	14.08	14.29	14.7
			1	244	14.23	14.33	14.40	14.7
			120	60	14.22	14.31	14.46	14.7
			240	0	14.28	14.37	14.47	14.7
		QPSK	1	0	13.31	13.31	13.42	13.7
			1	244	13.37	13.40	13.45	13.7
			120	60	13.54	13.36	13.43	13.7
			240	0	14.27	14.36	14.47	14.7
		16QAM	1	0	12.34	12.47	12.53	13
		64QAM	1	0	12.33	12.43	12.53	13
256QAM	1	0	12.27	12.45	12.49	13		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					509202	518598	528000	
100MHz	DFT-OFDM	PI2BPSK	1	0	14.39	14.26	14.46	14.7
			1	272	14.33	14.46	14.53	14.7
			135	67	14.38	14.49	14.59	14.7
			270	0	14.42	14.53	14.61	14.7
		QPSK	1	0	13.44	13.49	13.58	13.7
			1	272	13.48	13.50	13.60	13.7
			135	67	13.68	13.52	13.61	13.7
			270	0	14.41	14.56	14.62	14.7
		16QAM	1	0	12.45	12.65	12.67	13
		64QAM	1	0	12.51	12.59	12.69	13
256QAM	1	0	12.43	12.59	12.65	13		

EN-DC								
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500200	518598	537000	
10MHz	DFT-OFDM	PI2BPSK	1	0	13.08	13.27	13.29	13.8
			1	23	13.11	13.23	13.32	13.8
			12	6	13.07	13.23	13.37	13.8
			24	0	13.26	13.45	13.50	13.8
		QPSK	1	0	13.20	13.42	13.44	13.8
			1	23	13.21	13.47	13.47	13.8
			12	6	13.26	13.44	13.48	13.8
			24	0	13.29	13.51	13.43	13.8
		16QAM	1	0	11.31	11.55	11.50	12
		64QAM	1	0	11.39	11.60	11.50	12
256QAM	1	0	11.38	11.55	11.51	12		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					500700	518598	536500	
15MHz	DFT-OFDM	PI2BPSK	1	0	13.07	13.24	13.24	13.8
			1	37	13.13	13.22	13.27	13.8
			18	9	13.06	13.28	13.22	13.8
			36	0	13.33	13.40	13.50	13.8
		QPSK	1	0	13.25	13.44	13.40	13.8
			1	37	13.23	13.44	13.43	13.8
			18	9	13.24	13.49	13.40	13.8
			36	0	13.27	13.50	13.47	13.8
		16QAM	1	0	11.33	11.59	11.45	12
		64QAM	1	0	11.33	11.61	11.48	12
256QAM	1	0	11.34	11.55	11.53	12		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					501204	518598	535998	
20MHz	DFT-OFDM	PI2BPSK	1	0	13.16	13.20	13.33	13.8
			1	50	13.12	13.22	13.29	13.8
			25	12	13.04	13.28	13.24	13.8
			50	0	13.30	13.40	13.40	13.8
		QPSK	1	0	13.27	13.42	13.40	13.8
			1	50	13.26	13.43	13.42	13.8
			25	12	13.29	13.43	13.41	13.8
			50	0	13.30	13.47	13.44	13.8
		16QAM	1	0	11.35	11.54	11.57	12
		64QAM	1	0	11.34	11.60	11.48	12
256QAM	1	0	11.39	11.64	11.52	12		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					502200	518598	534996	
30MHz	DFT-OFDM	PI2BPSK	1	0	13.14	13.33	13.33	13.8
			1	77	13.13	13.25	13.23	13.8
			36	18	13.06	13.30	13.29	13.8
			75	0	13.29	13.44	13.48	13.8
		QPSK	1	0	13.19	13.38	13.43	13.8
			1	77	13.29	13.48	13.41	13.8
			36	18	13.24	13.44	13.43	13.8
			75	0	13.34	13.55	13.49	13.8
		16QAM	1	0	11.29	11.56	11.53	12
		64QAM	1	0	11.28	11.60	11.44	12
256QAM	1	0	11.33	11.49	11.44	12		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	

					503202	518598	534000	Tune-up Limit
40MHz	DFT-OFDM	PI2BPSK	1	0	13.08	13.33	13.29	13.8
			1	105	13.12	13.31	13.33	13.8
			50	25	13.08	13.33	13.23	13.8
			100	0	13.30	13.38	13.40	13.8
		QPSK	1	0	13.18	13.47	13.45	13.8
			1	105	13.20	13.41	13.45	13.8
			50	25	13.24	13.44	13.45	13.8
			100	0	13.28	13.47	13.45	13.8
		16QAM	1	0	11.31	11.62	11.45	12
		64QAM	1	0	11.36	11.61	11.48	12
256QAM	1	0	11.35	11.59	11.53	12		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					504204	518598	532998	
50MHz	DFT-OFDM	PI2BPSK	1	0	13.08	13.24	13.23	13.8
			1	132	13.03	13.31	13.23	13.8
			64	32	13.13	13.24	13.31	13.8
			128	0	13.34	13.46	13.40	13.8
		QPSK	1	0	13.22	13.41	13.36	13.8
			1	132	13.30	13.43	13.49	13.8
			64	32	13.25	13.40	13.47	13.8
			128	0	13.34	13.50	13.45	13.8
		16QAM	1	0	11.34	11.53	11.50	12
		64QAM	1	0	11.37	11.63	11.50	12
256QAM	1	0	11.29	11.55	11.44	12		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					505200	518598	531996	
60MHz	DFT-OFDM	PI2BPSK	1	0	13.11	13.30	13.29	13.8
			1	161	13.01	13.29	13.29	13.8
			81	40	13.09	13.26	13.29	13.8
			162	0	13.34	13.38	13.47	13.8
		QPSK	1	0	13.18	13.46	13.42	13.8
			1	161	13.20	13.47	13.49	13.8
			81	40	13.30	13.45	13.45	13.8
			162	0	13.35	13.50	13.46	13.8
		16QAM	1	0	11.34	11.63	11.42	12
		64QAM	1	0	11.28	11.52	11.53	12
256QAM	1	0	11.41	11.61	11.57	12		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					507204	518598	529998	
80MHz	DFT-OFDM	PI2BPSK	1	0	13.10	13.36	13.31	13.8
			1	216	13.10	13.28	13.27	13.8
			108	54	13.13	13.34	13.34	13.8
			216	0	13.28	13.48	13.48	13.8
		QPSK	1	0	13.20	13.42	13.46	13.8
			1	216	13.27	13.40	13.45	13.8
			108	54	13.30	13.46	13.40	13.8
			216	0	13.28	13.53	13.44	13.8
		16QAM	1	0	11.37	11.59	11.56	12
		64QAM	1	0	11.36	11.61	11.59	12
256QAM	1	0	11.27	11.48	11.48	12		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					508200	518598	528996	



90MHz	DFT-OFDM	PI2BPSK	1	0	13.17	13.34	13.31	13.8
			1	244	13.03	13.24	13.18	13.8
			120	60	13.10	13.37	13.28	13.8
			240	0	13.26	13.40	13.45	13.8
		QPSK	1	0	13.23	13.38	13.46	13.8
			1	244	13.21	13.41	13.44	13.8
			120	60	13.24	13.41	13.42	13.8
		240	0	13.30	13.49	13.50	13.8	
		16QAM	1	0	11.44	11.66	11.42	12
		64QAM	1	0	11.44	11.62	11.54	12
256QAM	1	0	11.41	11.61	11.45	12		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					509202	518598	528000	
100MHz	DFT-OFDM	PI2BPSK	1	0	13.34	13.46	13.40	13.8
			1	272	13.27	13.42	13.38	13.8
			135	67	13.28	13.47	13.41	13.8
			270	0	13.44	13.58	13.60	13.8
		QPSK	1	0	13.38	13.57	13.56	13.8
			1	272	13.40	13.60	13.73	13.8
			135	67	13.67	13.59	13.59	13.8
		270	0	13.45	13.67	13.78	13.8	
		16QAM	1	0	11.51	11.74	11.69	12
		64QAM	1	0	11.50	11.75	11.67	12
256QAM	1	0	11.49	11.76	11.66	12		

**26. NR n77 block A (PC2)**

Sensor on/off	Receiver off							
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630334	633332	636334	
10MHz	DFT-OFDM	PI2BPSK	1	0	22.86	23.20	22.75	23.5
			1	51	22.95	23.19	22.85	23.5
			25	12	26.43	26.78	26.33	27
			50	0	26.01	26.23	25.90	27
		QPSK	1	0	22.86	23.26	22.81	23.5
			1	51	22.86	23.19	22.90	23.5
			25	12	26.45	26.77	26.39	27
		50	0	25.42	25.79	25.41	27	
		16QAM	1	0	23.08	23.44	22.98	23.5
		64QAM	1	0	22.85	23.45	23.09	23.5
256QAM	1	0	21.87	22.46	21.99	22.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630500	633332	636166	
15MHz	DFT-OFDM	PI2BPSK	1	0	22.78	23.20	22.69	23.5
			1	78	22.92	23.18	22.84	23.5
			36	18	26.41	26.70	26.31	27
			75	0	26.01	26.28	25.84	27
		QPSK	1	0	22.93	23.28	22.69	23.5
			1	78	23.00	23.17	22.76	23.5
			36	18	26.45	26.72	26.30	27
		75	0	25.48	25.79	25.36	27	
		16QAM	1	0	23.12	23.42	23.03	23.5
		64QAM	1	0	22.86	23.19	23.01	23.5
256QAM	1	0	22.08	22.44	21.74	22.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630666	633332	636000	
20MHz	DFT-OFDM	PI2BPSK	1	0	22.80	23.20	22.75	23.5
			1	105	22.98	23.10	22.76	23.5
			50	25	26.52	26.69	26.26	27
			100	0	26.02	26.30	25.84	27
		QPSK	1	0	22.89	23.27	22.78	23.5
			1	105	23.09	23.11	22.73	23.5
			50	25	26.47	26.74	26.30	27
		100	0	25.48	25.76	25.35	27	
		16QAM	1	0	22.85	23.47	23.01	23.5
		64QAM	1	0	23.19	23.24	23.06	23.5
256QAM	1	0	22.12	22.23	22.00	22.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630834	633332	635834	
25MHz	DFT-OFDM	PI2BPSK	1	0	22.80	23.13	22.80	23.5
			1	64	23.10	23.11	22.69	23.5
			32	16	26.62	26.82	26.34	27
			64	0	26.06	26.32	25.86	27
		QPSK	1	0	22.81	23.22	22.80	23.5
			1	64	23.09	23.21	22.80	23.5
			32	16	26.55	26.79	26.31	27
		64	0	25.58	25.85	25.36	27	
		16QAM	1	0	23.12	23.47	22.83	23.5
		64QAM	1	0	22.81	23.20	22.83	23.5
256QAM	1	0	21.83	22.44	22.04	22.5		

Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631000	633332	635666	
30MHz	DFT-OFDM	PI2BPSK	1	0	22.66	23.11	22.81	23.5
			1	77	23.02	22.99	22.57	23.5
			36	18	26.53	26.80	26.33	27
			75	0	26.09	26.28	25.87	27
		QPSK	1	0	22.70	23.19	22.89	23.5
			1	77	23.03	23.12	22.72	23.5
			36	18	26.56	26.78	26.34	27
		75	0	25.53	25.76	25.33	27	
		16QAM	1	0	22.73	23.11	23.11	23.5
		64QAM	1	0	22.67	23.45	22.83	23.5
256QAM	1	0	21.94	22.10	21.85	22.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631334	633332	635334	
40MHz	DFT-OFDM	PI2BPSK	1	0	22.37	22.86	22.66	23.5
			1	105	22.69	22.68	22.37	23.5
			50	25	26.65	26.74	26.44	27
			100	0	26.09	26.20	25.88	27
		QPSK	1	0	22.40	22.91	22.68	23.5
			1	105	22.77	22.72	22.33	23.5
			50	25	26.58	26.76	26.43	27
		100	0	25.53	25.73	25.41	27	
		16QAM	1	0	22.62	23.16	22.96	23.5
		64QAM	1	0	22.76	22.91	22.66	23.5
256QAM	1	0	21.45	22.13	21.78	22.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631666	633332	635000	
50MHz	DFT-OFDM	PI2BPSK	1	0	22.68	23.14	22.88	23.5
			1	132	22.90	22.92	22.56	23.5
			64	32	26.64	26.85	26.49	27
			128	0	26.16	26.29	26.00	27
		QPSK	1	0	22.77	23.13	22.88	23.5
			1	132	22.99	22.87	22.59	23.5
			64	32	26.77	26.88	26.56	27
		128	0	25.66	25.84	25.47	27	
		16QAM	1	0	22.65	23.39	22.90	23.5
		64QAM	1	0	22.68	23.11	22.89	23.5
256QAM	1	0	21.95	22.13	21.93	22.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632000	633332	634666	
60MHz	DFT-OFDM	PI2BPSK	1	0	22.49	22.80	22.85	23.5
			1	161	22.70	22.50	22.36	23.5
			81	40	26.75	26.76	26.58	27
			162	0	26.10	26.15	25.92	27
		QPSK	1	0	22.60	22.85	22.92	23.5
			1	161	22.75	22.56	22.57	23.5
			81	40	26.74	26.77	26.61	27
		162	0	25.57	25.68	25.57	27	
		16QAM	1	0	22.79	23.02	23.16	23.5
		64QAM	1	0	22.87	23.04	23.09	23.5
256QAM	1	0	21.78	22.05	22.17	22.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632334	633332	634334	

70MHz	DFT-OFDM	PI2BPSK	1	0	22.41	22.76	22.81	23.5
			1	188	22.73	22.69	22.49	23.5
			90	45	26.88	26.75	26.66	27
			180	0	25.86	25.83	25.67	27
		QPSK	1	0	22.36	22.88	22.93	23.5
			1	188	22.69	22.74	22.57	23.5
			90	45	26.85	26.68	26.79	27
		180	0	25.33	25.79	25.25	27	
		16QAM	1	0	22.71	22.92	23.12	23.5
		64QAM	1	0	22.71	22.86	23.06	23.5
256QAM	1	0	21.70	21.98	22.09	22.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632666	633332	634000	
80MHz	DFT-OFDM	PI2BPSK	1	0	22.08	22.28	22.53	23.5
			1	216	22.06	22.04	22.17	23.5
			108	54	26.76	26.74	26.68	27
			216	0	25.92	25.99	25.96	27
		QPSK	1	0	22.09	22.37	22.44	23.5
			1	216	22.13	22.01	22.22	23.5
			108	54	26.79	26.75	26.65	27
		216	0	25.47	25.47	25.47	27	
		16QAM	1	0	22.51	22.25	22.54	23.5
		64QAM	1	0	22.76	22.42	22.86	23.5
256QAM	1	0	21.45	21.45	21.86	22.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					633000	633332	633666	
90MHz	DFT-OFDM	PI2BPSK	1	0	21.95	21.78	21.99	23.5
			1	244	21.73	21.77	21.92	23.5
			120	60	26.67	26.62	26.69	27
			240	0	25.89	25.90	25.96	27
		QPSK	1	0	21.98	21.96	22.03	23.5
			1	244	21.75	21.90	21.99	23.5
			120	60	26.69	26.64	26.63	27
		240	0	25.40	25.37	25.39	27	
		16QAM	1	0	21.87	21.88	22.13	23.5
		64QAM	1	0	22.40	22.18	22.30	23.5
256QAM	1	0	20.69	20.64	21.49	22.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					N/A	633332	N/A	
100MHz	DFT-OFDM	PI2BPSK	1	0	N/A	25.89	N/A	26.5
			1	272	N/A	25.90	N/A	26.5
			135	67	N/A	25.89	N/A	26.5
			270	0	N/A	25.90	N/A	26.5
		QPSK	1	0	N/A	25.42	N/A	26.5
			1	272	N/A	25.40	N/A	26.5
			135	67	N/A	25.46	N/A	26.5
		270	0	N/A	25.41	N/A	26.5	
		16QAM	1	0	N/A	25.40	N/A	26.5
		64QAM	1	0	N/A	25.41	N/A	26.5
256QAM	1	0	N/A	21.92	N/A	23		

Receiver on								
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630334	633332	636334	
10MHz	DFT-OFDM	PI2BPSK	1	0	19.98	20.25	19.67	20.5
			1	51	19.91	20.12	19.85	20.5
			25	12	20.05	20.21	19.72	20.5
			50	0	19.47	19.72	19.26	20.5
		QPSK	1	0	19.74	20.13	19.70	20.5
			1	51	19.95	20.09	19.76	20.5
			25	12	19.83	20.16	19.78	20.5
		50	0	18.90	19.29	19.03	20.5	
		16QAM	1	0	20.13	20.43	20.03	20.5
		64QAM	1	0	19.88	20.26	20.04	20.5
256QAM	1	0	17.01	17.31	17.00	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630500	633332	636166	
15MHz	DFT-OFDM	PI2BPSK	1	0	19.69	20.27	19.62	20.5
			1	78	19.85	20.07	19.98	20.5
			36	18	19.88	20.14	19.84	20.5
			75	0	19.52	19.68	19.44	20.5
		QPSK	1	0	20.07	20.42	19.77	20.5
			1	78	19.85	20.04	19.69	20.5
			36	18	19.89	20.26	19.69	20.5
		75	0	19.12	19.42	18.92	20.5	
		16QAM	1	0	20.18	20.37	20.01	20.5
		64QAM	1	0	19.96	20.18	19.89	20.5
256QAM	1	0	16.96	17.37	16.66	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630666	633332	636000	
20MHz	DFT-OFDM	PI2BPSK	1	0	19.84	20.25	19.65	20.5
			1	105	20.07	20.01	19.61	20.5
			50	25	20.09	20.32	19.66	20.5
			100	0	19.51	19.81	19.46	20.5
		QPSK	1	0	19.77	20.22	19.69	20.5
			1	105	19.98	20.24	19.59	20.5
			50	25	19.93	20.12	19.80	20.5
		100	0	18.88	19.16	18.75	20.5	
		16QAM	1	0	19.72	20.42	20.03	20.5
		64QAM	1	0	20.33	20.39	19.98	20.5
256QAM	1	0	17.02	17.20	17.15	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630834	633332	635834	
25MHz	DFT-OFDM	PI2BPSK	1	0	19.70	20.16	19.81	20.5
			1	64	20.07	20.25	19.67	20.5
			32	16	20.20	20.29	19.76	20.5
			64	0	19.44	19.67	19.26	20.5
		QPSK	1	0	19.68	20.18	19.74	20.5
			1	64	20.01	20.32	19.75	20.5
			32	16	20.10	20.28	19.76	20.5
		64	0	18.93	19.45	18.88	20.5	
		16QAM	1	0	20.09	20.42	19.80	20.5
		64QAM	1	0	19.67	20.18	19.94	20.5
256QAM	1	0	16.72	17.37	17.00	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	

					631000	633332	635666	Tune-up Limit
30MHz	DFT-OFDM	PI2BPSK	1	0	19.61	20.10	19.94	20.5
			1	77	19.97	19.88	19.58	20.5
			36	18	20.01	20.25	19.85	20.5
			75	0	19.53	19.92	19.51	20.5
		QPSK	1	0	19.70	20.10	20.02	20.5
			1	77	19.88	19.97	19.59	20.5
			36	18	20.06	20.28	19.76	20.5
		75	0	19.01	19.17	18.74	20.5	
		16QAM	1	0	19.63	19.99	20.22	20.5
		64QAM	1	0	19.71	20.31	19.82	20.5
256QAM	1	0	16.88	17.15	16.90	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631334	633332	635334	
40MHz	DFT-OFDM	PI2BPSK	1	0	19.37	19.75	19.64	20.5
			1	105	19.82	19.77	19.23	20.5
			50	25	20.21	20.23	20.00	20.5
			100	0	19.65	19.61	19.40	20.5
		QPSK	1	0	19.54	19.99	19.66	20.5
			1	105	19.85	19.72	19.41	20.5
			50	25	20.05	20.11	19.96	20.5
		100	0	18.91	19.32	18.94	20.5	
		16QAM	1	0	19.58	20.29	19.94	20.5
		64QAM	1	0	19.89	19.86	19.54	20.5
256QAM	1	0	16.31	17.07	16.73	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631666	633332	635000	
50MHz	DFT-OFDM	PI2BPSK	1	0	19.81	20.15	19.86	20.5
			1	132	19.93	19.78	19.56	20.5
			64	32	20.26	20.48	20.08	20.5
			128	0	19.59	19.76	19.59	20.5
		QPSK	1	0	19.71	20.18	19.85	20.5
			1	132	19.93	19.89	19.55	20.5
			64	32	20.36	20.33	19.97	20.5
		128	0	19.26	19.30	18.92	20.5	
		16QAM	1	0	19.62	20.49	19.86	20.5
		64QAM	1	0	19.69	19.98	19.74	20.5
256QAM	1	0	16.89	17.05	17.06	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632000	633332	634666	
60MHz	DFT-OFDM	PI2BPSK	1	0	19.45	19.69	20.00	20.5
			1	161	19.60	19.56	19.28	20.5
			81	40	20.10	20.41	20.19	20.5
			162	0	19.63	19.66	19.28	20.5
		QPSK	1	0	19.63	19.87	20.00	20.5
			1	161	19.64	19.50	19.48	20.5
			81	40	20.34	20.34	20.24	20.5
		162	0	19.17	19.06	18.95	20.5	
		16QAM	1	0	19.73	19.87	20.14	20.5
		64QAM	1	0	19.84	19.91	20.20	20.5
256QAM	1	0	16.92	17.20	17.12	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632334	633332	634334	

70MHz	DFT-OFDM	PI2BPSK	1	0	19.45	19.85	19.70	20.5
			1	188	19.85	19.83	19.44	20.5
			90	45	20.36	20.13	20.15	20.5
			180	0	19.46	19.29	19.03	20.5
		QPSK	1	0	19.30	19.97	19.82	20.5
			1	188	19.64	19.88	19.44	20.5
			90	45	20.21	20.17	20.17	20.5
		180	0	18.79	19.26	18.69	20.5	
		16QAM	1	0	19.70	19.87	20.12	20.5
		64QAM	1	0	19.60	19.72	20.20	20.5
256QAM	1	0	16.65	17.09	17.11	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632666	633332	634000	
80MHz	DFT-OFDM	PI2BPSK	1	0	18.95	19.40	19.48	20.5
			1	216	19.09	18.95	19.15	20.5
			108	54	20.17	20.11	20.22	20.5
			216	0	19.35	19.42	19.42	20.5
		QPSK	1	0	19.03	19.33	19.57	20.5
			1	216	19.00	18.92	19.09	20.5
			108	54	20.30	20.38	20.26	20.5
		216	0	18.87	19.02	19.07	20.5	
		16QAM	1	0	19.56	19.29	19.53	20.5
		64QAM	1	0	19.90	19.42	19.85	20.5
256QAM	1	0	16.49	16.31	16.80	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					633000	633332	633666	
90MHz	DFT-OFDM	PI2BPSK	1	0	18.85	18.89	18.94	20.5
			1	244	18.70	18.73	18.88	20.5
			120	60	20.20	20.23	20.07	20.5
			240	0	19.29	19.52	19.43	20.5
		QPSK	1	0	18.99	19.10	19.16	20.5
			1	244	18.65	18.75	18.97	20.5
			120	60	20.06	20.26	20.03	20.5
		240	0	19.01	18.99	19.04	20.5	
		16QAM	1	0	19.01	18.86	19.13	20.5
		64QAM	1	0	19.25	19.28	19.42	20.5
256QAM	1	0	15.67	15.79	16.39	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					N/A	633332	N/A	
100MHz	DFT-OFDM	PI2BPSK	1	0	N/A	20.03	N/A	20.5
			1	272	N/A	19.92	N/A	20.5
			135	67	N/A	20.01	N/A	20.5
			270	0	N/A	20.04	N/A	20.5
		QPSK	1	0	N/A	19.32	N/A	20.5
			1	272	N/A	19.40	N/A	20.5
			135	67	N/A	19.45	N/A	20.5
		270	0	N/A	19.56	N/A	20.5	
		16QAM	1	0	N/A	19.30	N/A	20.5
		64QAM	1	0	N/A	19.45	N/A	20.5
256QAM	1	0	N/A	16.23	N/A	17.5		

Simultaneous transmission with WLAN & BT

Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630334	633332	636334	
10MHz	DFT-OFDM	PI2BPSK	1	0	16.87	17.10	16.65	17.5
			1	51	17.05	17.07	16.73	17.5
			25	12	17.03	17.23	16.66	17.5
			50	0	16.58	16.74	16.32	17.5
		QPSK	1	0	16.80	17.00	16.81	17.5
			1	51	16.94	16.99	16.74	17.5
			25	12	16.97	17.10	16.89	17.5
		50	0	15.89	16.26	16.08	17.5	
		16QAM	1	0	17.15	17.49	16.95	17.5
		64QAM	1	0	16.88	17.22	17.16	17.5
256QAM	1	0	16.90	17.23	17.05	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630500	633332	636166	
15MHz	DFT-OFDM	PI2BPSK	1	0	16.70	17.29	16.56	17.5
			1	78	16.88	17.08	16.98	17.5
			36	18	16.96	17.00	16.75	17.5
			75	0	16.58	16.77	16.45	17.5
		QPSK	1	0	17.10	17.44	16.72	17.5
			1	78	16.83	17.02	16.71	17.5
			36	18	16.95	17.26	16.76	17.5
		75	0	16.02	16.44	15.81	17.5	
		16QAM	1	0	17.13	17.33	17.07	17.5
		64QAM	1	0	17.03	17.20	16.80	17.5
256QAM	1	0	17.06	17.28	16.68	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630666	633332	636000	
20MHz	DFT-OFDM	PI2BPSK	1	0	16.83	17.19	16.64	17.5
			1	105	16.97	16.89	16.50	17.5
			50	25	16.96	17.26	16.62	17.5
			100	0	16.53	16.79	16.61	17.5
		QPSK	1	0	16.69	17.23	16.69	17.5
			1	105	16.85	17.17	16.66	17.5
			50	25	16.90	17.24	16.77	17.5
		100	0	15.87	16.03	15.84	17.5	
		16QAM	1	0	16.66	17.28	16.90	17.5
		64QAM	1	0	17.27	17.47	16.90	17.5
256QAM	1	0	17.02	17.10	17.29	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630834	633332	635834	
25MHz	DFT-OFDM	PI2BPSK	1	0	16.78	17.29	16.87	17.5
			1	64	17.10	17.40	16.73	17.5
			32	16	17.20	17.37	16.70	17.5
			64	0	16.50	16.66	16.29	17.5
		QPSK	1	0	16.61	17.19	16.75	17.5
			1	64	17.06	17.20	16.78	17.5
			32	16	17.24	17.33	16.86	17.5
		64	0	15.91	16.45	15.81	17.5	
		16QAM	1	0	17.18	17.48	16.89	17.5
		64QAM	1	0	16.52	17.07	16.81	17.5
256QAM	1	0	16.78	17.46	16.96	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	



					631000	633332	635666	Tune-up Limit
30MHz	DFT-OFDM	PI2BPSK	1	0	16.71	17.10	16.87	17.5
			1	77	16.94	16.94	16.45	17.5
			36	18	16.89	17.26	16.96	17.5
			75	0	16.68	16.84	16.61	17.5
		QPSK	1	0	16.71	17.17	17.05	17.5
			1	77	16.96	16.87	16.68	17.5
			36	18	16.96	17.27	16.79	17.5
		75	0	15.98	16.12	15.64	17.5	
		16QAM	1	0	16.48	16.93	17.35	17.5
		64QAM	1	0	16.83	17.33	16.97	17.5
256QAM	1	0	16.98	17.21	17.02	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631334	633332	635334	
40MHz	DFT-OFDM	PI2BPSK	1	0	16.51	16.64	16.73	17.5
			1	105	16.74	16.85	16.11	17.5
			50	25	17.30	17.32	16.96	17.5
			100	0	16.79	16.48	16.29	17.5
		QPSK	1	0	16.55	16.85	16.54	17.5
			1	105	16.97	16.74	16.56	17.5
			50	25	17.18	17.16	16.82	17.5
		100	0	15.84	16.36	15.96	17.5	
		16QAM	1	0	16.44	17.31	16.88	17.5
		64QAM	1	0	16.78	16.75	16.39	17.5
256QAM	1	0	16.45	16.97	16.86	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631666	633332	635000	
50MHz	DFT-OFDM	PI2BPSK	1	0	16.93	17.24	16.87	17.5
			1	132	16.79	16.90	16.46	17.5
			64	32	17.17	17.42	17.05	17.5
			128	0	16.44	16.81	16.55	17.5
		QPSK	1	0	16.73	17.24	16.78	17.5
			1	132	16.82	16.75	16.61	17.5
			64	32	17.27	17.38	16.94	17.5
		128	0	16.28	16.15	15.97	17.5	
		16QAM	1	0	16.63	17.40	16.81	17.5
		64QAM	1	0	16.64	16.85	16.64	17.5
256QAM	1	0	16.93	17.20	17.09	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632000	633332	634666	
60MHz	DFT-OFDM	PI2BPSK	1	0	16.40	16.66	17.13	17.5
			1	161	16.68	16.64	16.38	17.5
			81	40	17.10	17.39	17.11	17.5
			162	0	16.71	16.58	16.36	17.5
		QPSK	1	0	16.75	16.79	17.14	17.5
			1	161	16.65	16.52	16.56	17.5
			81	40	17.44	17.33	17.13	17.5
		162	0	16.11	15.91	15.88	17.5	
		16QAM	1	0	16.62	17.01	17.13	17.5
		64QAM	1	0	16.98	16.96	17.25	17.5
256QAM	1	0	17.03	17.19	17.06	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632334	633332	634334	

70MHz	DFT-OFDM	PI2BPSK	1	0	16.44	16.78	16.84	17.5
			1	188	16.87	16.96	16.56	17.5
			90	45	17.21	17.25	17.27	17.5
			180	0	16.41	16.36	16.08	17.5
		QPSK	1	0	16.26	17.10	16.73	17.5
			1	188	16.57	16.74	16.39	17.5
			90	45	17.35	17.14	17.15	17.5
		16QAM	1	0	15.68	16.29	15.69	17.5
		64QAM	1	0	16.61	16.87	17.23	17.5
		256QAM	1	0	16.64	16.70	17.13	17.5
256QAM	1	0	16.64	17.16	16.99	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632666	633332	634000	
80MHz	DFT-OFDM	PI2BPSK	1	0	15.99	16.36	16.42	17.5
			1	216	16.11	16.00	16.13	17.5
			108	54	17.13	16.98	17.13	17.5
			216	0	16.32	16.42	16.29	17.5
		QPSK	1	0	15.98	16.29	16.54	17.5
			1	216	15.99	16.03	16.16	17.5
			108	54	17.26	17.46	17.11	17.5
		216	0	15.82	16.05	16.04	17.5	
		16QAM	1	0	16.53	16.18	16.50	17.5
		64QAM	1	0	16.82	16.39	16.71	17.5
256QAM	1	0	16.49	16.39	16.71	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					633000	633332	633666	
90MHz	DFT-OFDM	PI2BPSK	1	0	15.77	15.95	15.95	17.5
			1	244	15.62	15.67	15.89	17.5
			120	60	17.24	17.15	16.99	17.5
			240	0	16.21	16.57	16.36	17.5
		QPSK	1	0	15.88	16.07	16.13	17.5
			1	244	15.66	15.82	15.85	17.5
			120	60	17.07	17.17	17.08	17.5
		240	0	16.06	15.91	16.05	17.5	
		16QAM	1	0	16.05	15.78	16.25	17.5
		64QAM	1	0	16.26	16.16	16.44	17.5
256QAM	1	0	15.63	15.74	16.43	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					N/A	633332	N/A	
100MHz	DFT-OFDM	PI2BPSK	1	0	N/A	16.98	N/A	17.5
			1	272	N/A	17.06	N/A	17.5
			135	67	N/A	17.01	N/A	17.5
			270	0	N/A	17.09	N/A	17.5
		QPSK	1	0	N/A	16.25	N/A	17.5
			1	272	N/A	16.33	N/A	17.5
			135	67	N/A	16.51	N/A	17.5
		270	0	N/A	16.54	N/A	17.5	
		16QAM	1	0	N/A	16.23	N/A	17.5
		64QAM	1	0	N/A	16.56	N/A	17.5
256QAM	1	0	N/A	16.28	N/A	17.5		

27. NR n77 block A (PC3)

Sensor on/off	Receiver off							
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630334	633332	636334	
10MHz	DFT-OFDM	PI2BPSK	1	0	21.39	21.53	21.53	22
			1	51	21.40	21.52	21.61	22
			25	12	23.36	23.44	23.63	24
			50	0	22.59	22.69	22.83	24
		QPSK	1	0	20.94	21.01	21.14	22
			1	51	21.23	21.28	21.46	22
			25	12	23.33	23.53	23.71	24
		50	0	22.01	22.19	22.27	24	
		16QAM	1	0	19.89	20.13	20.15	21
		64QAM	1	0	19.87	19.95	20.13	21
256QAM	1	0	17.47	17.67	17.85	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630500	633332	636166	
15MHz	DFT-OFDM	PI2BPSK	1	0	21.41	21.50	21.62	22
			1	78	21.42	21.50	21.63	22
			36	18	23.32	23.54	23.64	24
			75	0	22.57	22.73	22.86	24
		QPSK	1	0	20.94	20.99	21.16	22
			1	78	21.26	21.31	21.47	22
			36	18	23.40	23.56	23.66	24
		75	0	22.05	22.11	22.28	24	
		16QAM	1	0	19.87	20.15	20.14	21
		64QAM	1	0	19.90	20.01	20.19	21
256QAM	1	0	17.52	17.66	17.84	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630666	633332	636000	
20MHz	DFT-OFDM	PI2BPSK	1	0	21.45	21.53	21.61	22
			1	105	21.49	21.48	21.59	22
			50	25	23.31	23.54	23.62	24
			100	0	22.58	22.72	22.84	24
		QPSK	1	0	20.90	21.06	21.13	22
			1	105	21.29	21.23	21.56	22
			50	25	23.34	23.56	23.68	24
		100	0	22.19	22.14	22.27	24	
		16QAM	1	0	19.85	20.09	20.19	21
		64QAM	1	0	19.82	20.02	20.19	21
256QAM	1	0	17.43	17.68	17.82	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630834	633332	635834	
25MHz	DFT-OFDM	PI2BPSK	1	0	21.43	21.45	21.59	22
			1	64	21.44	21.53	21.61	22
			32	16	23.27	23.52	23.63	24
			64	0	22.51	22.69	22.82	24
		QPSK	1	0	20.92	21.05	21.11	22
			1	64	21.22	21.33	21.46	22
			32	16	23.33	23.56	23.69	24
		64	0	22.02	22.16	22.28	24	
		16QAM	1	0	19.90	20.09	20.18	21
		64QAM	1	0	19.85	20.00	20.10	21
256QAM	1	0	17.45	17.68	17.79	19		

Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631000	633332	635666	
30MHz	DFT-OFDM	PI2BPSK	1	0	21.39	21.49	21.55	22
			1	77	21.40	21.47	21.67	22
			36	18	23.34	23.48	23.64	24
			75	0	22.54	22.71	22.79	24
		QPSK	1	0	20.88	21.03	21.08	22
			1	77	21.25	21.24	21.47	22
			36	18	23.38	23.55	23.70	24
		75	0	22.01	22.19	22.30	24	
		16QAM	1	0	19.85	20.11	20.14	21
		64QAM	1	0	19.84	19.96	20.14	21
256QAM	1	0	17.47	17.69	17.78	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631334	633332	635334	
40MHz	DFT-OFDM	PI2BPSK	1	0	21.43	21.47	21.56	22
			1	105	21.40	21.50	21.60	22
			50	25	23.27	23.53	23.70	24
			100	0	22.52	22.69	22.83	24
		QPSK	1	0	20.89	21.07	21.15	22
			1	105	21.27	21.26	21.54	22
			50	25	23.35	23.52	23.69	24
			100	0	22.05	22.21	22.27	24
		16QAM	1	0	19.88	20.15	20.21	21
		64QAM	1	0	19.88	20.02	20.11	21
256QAM	1	0	17.42	17.62	17.83	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631666	633332	635000	
50MHz	DFT-OFDM	PI2BPSK	1	0	21.35	21.50	21.52	22
			1	132	21.40	21.55	21.59	22
			64	32	23.34	23.45	23.66	24
			128	0	22.56	22.76	22.88	24
		QPSK	1	0	20.92	20.97	21.09	22
			1	132	21.20	21.25	21.53	22
			64	32	23.38	23.52	23.65	24
			128	0	22.04	22.17	22.31	24
		16QAM	1	0	19.90	20.11	20.20	21
		64QAM	1	0	19.88	20.03	20.13	21
256QAM	1	0	17.48	17.71	17.82	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632000	633332	634666	
60MHz	DFT-OFDM	PI2BPSK	1	0	21.35	21.49	21.55	22
			1	161	21.45	21.48	21.62	22
			81	40	23.31	23.51	23.65	24
			162	0	22.49	22.75	22.88	24
		QPSK	1	0	20.94	21.00	21.08	22
			1	161	21.27	21.28	21.48	22
			81	40	23.43	23.49	23.65	24
			162	0	22.03	22.20	22.26	24
		16QAM	1	0	19.92	20.13	20.23	21
		64QAM	1	0	19.89	19.97	20.19	21
256QAM	1	0	17.43	17.62	17.82	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632334	633332	634334	

70MHz	DFT-OFDM	PI2BPSK	1	0	21.44	21.50	21.58	22
			1	188	21.47	21.50	21.61	22
			90	45	23.36	23.49	23.69	24
			180	0	22.58	22.72	22.81	24
		QPSK	1	0	20.95	21.00	21.09	22
			1	188	21.27	21.31	21.53	22
			90	45	23.41	23.58	23.68	24
		180	0	22.03	22.11	22.29	24	
		16QAM	1	0	19.84	20.09	20.16	21
		64QAM	1	0	19.83	20.01	20.09	21
256QAM	1	0	17.52	17.61	17.76	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632666	633332	634000	
80MHz	DFT-OFDM	PI2BPSK	1	0	21.40	21.48	21.53	22
			1	216	21.47	21.50	21.60	22
			108	54	23.28	23.45	23.67	24
			216	0	22.52	22.71	22.82	24
		QPSK	1	0	20.89	21.07	21.13	22
			1	216	21.28	21.26	21.52	22
			108	54	23.41	23.53	23.62	24
		216	0	22.03	22.12	22.34	24	
		16QAM	1	0	19.86	20.12	20.17	21
		64QAM	1	0	19.83	20.05	20.14	21
256QAM	1	0	17.45	17.63	17.76	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					633000	633332	633666	
90MHz	DFT-OFDM	PI2BPSK	1	0	21.55	21.63	21.72	22
			1	244	21.59	21.67	21.79	22
			120	60	23.46	23.64	23.80	24
			240	0	22.69	22.87	22.98	24
		QPSK	1	0	21.06	21.17	21.26	22
			1	244	21.40	21.43	21.66	22
			120	60	23.53	23.69	23.82	24
		240	0	22.16	22.31	22.46	24	
		16QAM	1	0	20.02	20.27	20.33	21
		64QAM	1	0	20.01	20.15	20.29	21
256QAM	1	0	17.62	17.81	17.96	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					N/A	633333	N/A	
100MHz	DFT-OFDM	PI2BPSK	1	0	N/A	21.81	N/A	22
			1	272	N/A	21.78	N/A	22
			135	67	N/A	23.82	N/A	24
			270	0	N/A	23.00	N/A	24
		QPSK	1	0	N/A	21.32	N/A	22
			1	272	N/A	21.58	N/A	22
			135	67	N/A	23.82	N/A	24
		270	0	N/A	22.51	N/A	24	
		16QAM	1	0	N/A	20.41	N/A	21
		64QAM	1	0	N/A	20.26	N/A	21
256QAM	1	0	N/A	17.91	N/A	19		

Receiver on								
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630334	633332	636334	
10MHz	DFT-OFDM	PI2BPSK	1	0	17.45	17.57	17.54	18
			1	51	17.69	17.65	17.59	18
			25	12	17.99	17.89	18.01	18.3
			50	0	17.74	17.75	17.75	18.3
		QPSK	1	0	17.53	17.47	17.46	17.9
			1	51	17.36	17.37	17.32	17.9
			25	12	18.01	17.97	18.01	18.5
		50	0	17.73	17.84	17.80	18.2	
		16QAM	1	0	16.94	16.78	16.93	17.5
64QAM	1	0	16.78	16.75	16.76	17.5		
256QAM	1	0	16.69	16.70	16.68	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630500	633332	636166	
15MHz	DFT-OFDM	PI2BPSK	1	0	17.49	17.57	17.53	18
			1	78	17.66	17.59	17.59	18
			36	18	17.99	17.89	17.94	18.3
			75	0	17.72	17.72	17.68	18.3
		QPSK	1	0	17.49	17.46	17.46	17.9
			1	78	17.38	17.40	17.38	17.9
			36	18	18.06	17.97	18.07	18.5
		75	0	17.70	17.77	17.76	18.2	
		16QAM	1	0	16.86	16.81	16.84	17.5
64QAM	1	0	16.82	16.73	16.74	17.5		
256QAM	1	0	16.71	16.61	16.67	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630666	633332	636000	
20MHz	DFT-OFDM	PI2BPSK	1	0	17.45	17.61	17.55	18
			1	105	17.69	17.56	17.57	18
			50	25	17.97	17.91	18.01	18.3
			100	0	17.77	17.69	17.72	18.3
		QPSK	1	0	17.52	17.41	17.48	17.9
			1	105	17.36	17.33	17.32	17.9
			50	25	18.07	18.02	18.05	18.5
		100	0	17.74	17.78	17.77	18.2	
		16QAM	1	0	16.96	16.77	16.92	17.5
64QAM	1	0	16.84	16.75	16.74	17.5		
256QAM	1	0	16.75	16.64	16.70	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630834	633332	635834	
25MHz	DFT-OFDM	PI2BPSK	1	0	17.45	17.53	17.53	18
			1	64	17.59	17.66	17.55	18
			32	16	18.00	17.96	17.99	18.3
			64	0	17.71	17.73	17.78	18.3
		QPSK	1	0	17.45	17.46	17.43	17.9
			1	64	17.39	17.37	17.38	17.9
			32	16	18.04	17.94	18.06	18.5
		64	0	17.77	17.75	17.75	18.2	
		16QAM	1	0	16.95	16.85	16.88	17.5
64QAM	1	0	16.83	16.80	16.77	17.5		
256QAM	1	0	16.72	16.62	16.62	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	

					631000	633332	635666	Tune-up Limit
30MHz	DFT-OFDM	PI2BPSK	1	0	17.50	17.60	17.51	18
			1	77	17.64	17.61	17.56	18
			36	18	17.99	17.99	18.04	18.3
			75	0	17.69	17.75	17.72	18.3
		QPSK	1	0	17.50	17.50	17.49	17.9
			1	77	17.41	17.39	17.30	17.9
			36	18	17.99	17.98	17.98	18.5
		75	0	17.75	17.84	17.70	18.2	
		16QAM	1	0	16.94	16.84	16.86	17.5
		64QAM	1	0	16.85	16.73	16.75	17.5
256QAM	1	0	16.68	16.64	16.62	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631334	633332	635334	
40MHz	DFT-OFDM	PI2BPSK	1	0	17.55	17.58	17.59	18
			1	105	17.60	17.60	17.59	18
			50	25	17.97	17.90	17.98	18.3
			100	0	17.67	17.66	17.69	18.3
		QPSK	1	0	17.50	17.41	17.49	17.9
			1	105	17.43	17.37	17.34	17.9
			50	25	18.08	18.00	18.01	18.5
		100	0	17.79	17.79	17.78	18.2	
		16QAM	1	0	16.92	16.76	16.88	17.5
		64QAM	1	0	16.82	16.75	16.75	17.5
256QAM	1	0	16.73	16.64	16.65	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631666	633332	635000	
50MHz	DFT-OFDM	PI2BPSK	1	0	17.53	17.54	17.56	18
			1	132	17.63	17.61	17.54	18
			64	32	17.95	17.90	18.04	18.3
			128	0	17.74	17.73	17.68	18.3
		QPSK	1	0	17.46	17.49	17.39	17.9
			1	132	17.39	17.39	17.34	17.9
			64	32	18.07	17.99	18.02	18.5
		128	0	17.74	17.75	17.70	18.2	
		16QAM	1	0	16.88	16.82	16.93	17.5
		64QAM	1	0	16.84	16.76	16.78	17.5
256QAM	1	0	16.77	16.70	16.65	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632000	633332	634666	
60MHz	DFT-OFDM	PI2BPSK	1	0	17.50	17.62	17.52	18
			1	161	17.62	17.59	17.61	18
			81	40	17.95	17.91	18.01	18.3
			162	0	17.75	17.74	17.69	18.3
		QPSK	1	0	17.51	17.46	17.46	17.9
			1	161	17.46	17.31	17.31	17.9
			81	40	18.02	17.97	18.03	18.5
		162	0	17.75	17.84	17.76	18.2	
		16QAM	1	0	16.95	16.86	16.83	17.5
		64QAM	1	0	16.81	16.81	16.71	17.5
256QAM	1	0	16.75	16.65	16.64	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632334	633332	634334	

70MHz	DFT-OFDM	PI2BPSK	1	0	17.55	17.61	17.59	18
			1	188	17.59	17.66	17.56	18
			90	45	17.98	17.92	18.03	18.3
			180	0	17.75	17.66	17.70	18.3
		QPSK	1	0	17.49	17.44	17.46	17.9
			1	188	17.45	17.34	17.38	17.9
			90	45	18.01	18.01	18.02	18.5
		180	0	17.78	17.81	17.73	18.2	
		16QAM	1	0	16.88	16.78	16.93	17.5
		64QAM	1	0	16.81	16.73	16.76	17.5
256QAM	1	0	16.69	16.68	16.64	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632666	633332	634000	
80MHz	DFT-OFDM	PI2BPSK	1	0	17.96	17.88	17.47	18
			1	216	17.94	17.81	17.45	18
			108	54	18.13	18.15	17.95	18.3
			216	0	18.06	18.03	17.69	18.3
		QPSK	1	0	17.84	17.80	17.23	17.9
			1	216	17.90	17.55	17.30	17.9
			108	54	18.06	18.22	17.91	18.5
		216	0	17.80	18.12	17.24	18.2	
		16QAM	1	0	17.41	17.22	17.15	17.5
		64QAM	1	0	17.36	17.40	17.05	17.5
256QAM	1	0	17.25	17.05	16.79	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					633000	633332	633666	
90MHz	DFT-OFDM	PI2BPSK	1	0	17.65	17.72	17.69	18
			1	244	17.79	17.76	17.71	18
			120	60	18.15	18.09	18.14	18.3
			240	0	17.87	17.86	17.88	18.3
		QPSK	1	0	17.65	17.60	17.59	17.9
			1	244	17.56	17.51	17.50	17.9
			120	60	18.19	18.13	18.17	18.5
		240	0	17.89	17.95	17.90	18.2	
		16QAM	1	0	17.06	16.96	17.03	17.5
		64QAM	1	0	16.97	16.93	16.90	17.5
256QAM	1	0	16.88	16.80	16.81	17.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					N/A	633333	N/A	
100MHz	DFT-OFDM	PI2BPSK	1	0	N/A	17.84	N/A	18
			1	272	N/A	17.89	N/A	18
			135	67	N/A	18.25	N/A	18.3
			270	0	N/A	18.04	N/A	18.3
		QPSK	1	0	N/A	17.79	N/A	17.9
			1	272	N/A	17.66	N/A	17.9
			135	67	N/A	18.31	N/A	18.5
		270	0	N/A	18.05	N/A	18.2	
		16QAM	1	0	N/A	17.16	N/A	17.5
		64QAM	1	0	N/A	17.09	N/A	17.5
256QAM	1	0	N/A	16.99	N/A	17.5		



Simultaneous transmission with WLAN & BT

Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630334	633332	636334	
10MHz	DFT-OFDM	PI2BPSK	1	0	14.68	14.75	14.72	15.5
			1	51	14.69	14.65	14.74	15.5
			25	12	14.77	14.76	14.76	15.5
			50	0	14.77	14.87	14.84	15.5
		QPSK	1	0	14.62	14.55	14.63	15
			1	51	14.16	14.18	14.14	15
			25	12	15.17	15.17	15.22	15.6
		50	0	14.96	14.88	14.92	15.5	
		16QAM	1	0	13.06	13.06	13.07	14
		64QAM	1	0	13.14	13.18	13.13	14
256QAM	1	0	13.22	13.12	13.15	14		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630500	633332	636166	
15MHz	DFT-OFDM	PI2BPSK	1	0	14.61	14.72	14.71	15.5
			1	78	14.66	14.66	14.65	15.5
			36	18	14.79	14.81	14.75	15.5
			75	0	14.75	14.88	14.84	15.5
		QPSK	1	0	14.57	14.60	14.65	15
			1	78	14.20	14.17	14.19	15
			36	18	15.24	15.16	15.17	15.6
		75	0	14.97	14.94	14.87	15.5	
		16QAM	1	0	13.08	13.05	13.02	14
		64QAM	1	0	13.11	13.16	13.14	14
256QAM	1	0	13.18	13.21	13.14	14		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630666	633332	636000	
20MHz	DFT-OFDM	PI2BPSK	1	0	14.63	14.77	14.72	15.5
			1	105	14.71	14.67	14.70	15.5
			50	25	14.76	14.82	14.76	15.5
			100	0	14.75	14.82	14.86	15.5
		QPSK	1	0	14.59	14.62	14.63	15
			1	105	14.18	14.15	14.22	15
			50	25	15.20	15.11	15.21	15.6
		100	0	14.94	14.97	14.91	15.5	
		16QAM	1	0	13.09	13.10	13.05	14
		64QAM	1	0	13.12	13.16	13.09	14
256QAM	1	0	13.17	13.14	13.21	14		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					630834	633332	635834	
25MHz	DFT-OFDM	PI2BPSK	1	0	14.65	14.68	14.70	15.5
			1	64	14.71	14.73	14.74	15.5
			32	16	14.77	14.83	14.82	15.5
			64	0	14.79	14.83	14.82	15.5
		QPSK	1	0	14.65	14.60	14.60	15
			1	64	14.20	14.19	14.17	15
			32	16	15.16	15.20	15.13	15.6
		64	0	14.95	14.92	14.88	15.5	
		16QAM	1	0	13.06	13.10	13.10	14
		64QAM	1	0	13.16	13.13	13.15	14
256QAM	1	0	13.18	13.14	13.21	14		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	

					631000	633332	635666	Tune-up Limit
30MHz	DFT-OFDM	PI2BPSK	1	0	14.68	14.73	14.64	15.5
			1	77	14.68	14.71	14.64	15.5
			36	18	14.82	14.79	14.78	15.5
			75	0	14.85	14.81	14.88	15.5
		QPSK	1	0	14.62	14.57	14.67	15
			1	77	14.25	14.13	14.20	15
			36	18	15.23	15.12	15.13	15.6
		75	0	14.98	14.93	14.88	15.5	
		16QAM	1	0	13.09	13.10	13.04	14
		64QAM	1	0	13.11	13.15	13.15	14
256QAM	1	0	13.15	13.15	13.19	14		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631334	633332	635334	
40MHz	DFT-OFDM	PI2BPSK	1	0	14.64	14.67	14.68	15.5
			1	105	14.72	14.74	14.68	15.5
			50	25	14.82	14.73	14.76	15.5
			100	0	14.83	14.90	14.80	15.5
		QPSK	1	0	14.65	14.60	14.63	15
			1	105	14.26	14.22	14.15	15
			50	25	15.16	15.16	15.14	15.6
		100	0	14.91	14.92	14.84	15.5	
		16QAM	1	0	13.05	13.12	13.07	14
		64QAM	1	0	13.08	13.18	13.06	14
256QAM	1	0	13.12	13.20	13.14	14		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					631666	633332	635000	
50MHz	DFT-OFDM	PI2BPSK	1	0	14.60	14.73	14.73	15.5
			1	132	14.64	14.70	14.71	15.5
			64	32	14.83	14.77	14.72	15.5
			128	0	14.82	14.83	14.83	15.5
		QPSK	1	0	14.65	14.60	14.65	15
			1	132	14.20	14.20	14.17	15
			64	32	15.16	15.19	15.16	15.6
		128	0	14.90	14.90	14.91	15.5	
		16QAM	1	0	13.04	13.11	13.06	14
		64QAM	1	0	13.06	13.09	13.07	14
256QAM	1	0	13.22	13.22	13.14	14		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632000	633332	634666	
60MHz	DFT-OFDM	PI2BPSK	1	0	14.70	14.75	14.66	15.5
			1	161	14.71	14.71	14.73	15.5
			81	40	14.80	14.75	14.77	15.5
			162	0	14.85	14.90	14.81	15.5
		QPSK	1	0	14.57	14.55	14.61	15
			1	161	14.26	14.14	14.20	15
			81	40	15.26	15.19	15.21	15.6
		162	0	14.98	14.98	14.83	15.5	
		16QAM	1	0	13.09	13.11	13.03	14
		64QAM	1	0	13.16	13.12	13.07	14
256QAM	1	0	13.12	13.16	13.18	14		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632334	633332	634334	

70MHz	DFT-OFDM	PI2BPSK	1	0	14.63	14.76	14.71	15.5
			1	188	14.73	14.65	14.74	15.5
			90	45	14.77	14.81	14.80	15.5
			180	0	14.83	14.85	14.85	15.5
		QPSK	1	0	14.57	14.62	14.65	15
			1	188	14.16	14.16	14.17	15
			90	45	15.20	15.16	15.20	15.6
		16QAM	1	0	14.98	14.91	14.87	15.5
		64QAM	1	0	13.07	13.04	13.01	14
		256QAM	1	0	13.10	13.09	13.11	14
256QAM	1	0	13.21	13.21	13.13	14		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					632666	633332	634000	
80MHz	DFT-OFDM	PI2BPSK	1	0	14.62	14.70	14.67	15.5
			1	216	14.71	14.73	14.71	15.5
			108	54	14.84	14.77	14.76	15.5
			216	0	14.75	14.87	14.89	15.5
		QPSK	1	0	14.62	14.53	14.64	15
			1	216	14.21	14.13	14.24	15
			108	54	15.19	15.18	15.21	15.6
		216	0	14.97	14.88	14.92	15.5	
		16QAM	1	0	13.05	13.05	13.04	14
		64QAM	1	0	13.16	13.17	13.15	14
256QAM	1	0	13.17	13.22	13.20	14		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					633000	633332	633666	
90MHz	DFT-OFDM	PI2BPSK	1	0	14.80	14.87	14.83	15.5
			1	244	14.83	14.84	14.84	15.5
			120	60	14.95	14.93	14.92	15.5
			240	0	14.95	15.01	15.00	15.5
		QPSK	1	0	14.75	14.73	14.77	15
			1	244	14.36	14.32	14.34	15
			120	60	15.36	15.30	15.33	15.6
		240	0	15.08	15.08	15.02	15.5	
		16QAM	1	0	13.20	13.24	13.20	14
		64QAM	1	0	13.26	13.29	13.26	14
256QAM	1	0	13.32	13.32	13.33	14		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					N/A	633333	N/A	
100MHz	DFT-OFDM	PI2BPSK	1	0	N/A	15.00	N/A	15.5
			1	272	N/A	15.01	N/A	15.5
			135	67	N/A	15.06	N/A	15.5
			270	0	N/A	15.12	N/A	15.5
		QPSK	1	0	N/A	14.91	N/A	15
			1	272	N/A	14.46	N/A	15
			135	67	N/A	15.50	N/A	15.6
		270	0	N/A	15.20	N/A	15.5	
		16QAM	1	0	N/A	13.38	N/A	14
		64QAM	1	0	N/A	13.39	N/A	14
256QAM	1	0	N/A	13.43	N/A	14		

28. NR n77 block C (PC2)

Sensor on/off	Receiver off							
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647000	656000	665000	
10MHz	DFT-OFDM	PI2BPSK	1	0	21.90	22.69	22.78	23
			1	51	21.58	22.67	22.72	23
			25	12	25.31	26.32	26.26	26.5
			50	0	24.83	25.84	25.82	26.5
		QPSK	1	0	21.63	22.70	22.66	23
			1	51	21.88	22.67	22.70	23
			25	12	25.31	26.30	26.30	26.5
			50	0	24.63	25.34	25.33	26.5
		16QAM	1	0	21.93	22.95	22.94	23
		64QAM	1	0	21.81	22.88	22.80	23
256QAM	1	0	20.61	21.95	21.66	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647168	656000	664832	
15MHz	DFT-OFDM	PI2BPSK	1	0	21.86	22.66	22.68	23
			1	78	21.61	22.66	22.50	23
			36	18	25.35	26.30	26.22	26.5
			75	0	24.90	25.43	25.69	26.5
		QPSK	1	0	21.51	22.61	22.54	23
			1	78	21.81	22.61	22.67	23
			36	18	25.37	26.25	26.20	26.5
			75	0	25.96	25.29	25.25	26.5
		16QAM	1	0	21.87	22.64	22.70	23
		64QAM	1	0	21.68	22.83	22.83	23
256QAM	1	0	20.87	21.73	21.92	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647334	656000	664666	
20MHz	DFT-OFDM	PI2BPSK	1	0	21.87	22.64	22.68	23
			1	105	21.58	22.51	22.46	23
			50	25	25.41	26.28	26.23	26.5
			100	0	24.86	25.78	25.71	26.5
		QPSK	1	0	21.54	22.61	22.43	23
			1	105	21.81	22.62	22.64	23
			50	25	25.35	26.27	26.24	26.5
			100	0	24.51	25.26	25.16	26.5
		16QAM	1	0	21.79	22.89	22.75	23
		64QAM	1	0	21.61	22.98	22.52	23
256QAM	1	0	20.56	21.98	21.72	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647501	656000	664499	
25MHz	DFT-OFDM	PI2BPSK	1	0	21.36	22.13	22.16	23
			1	64	21.31	22.17	21.79	23
			32	16	25.47	25.74	25.67	26.5
			64	0	24.90	25.21	25.13	26.5
		QPSK	1	0	21.42	22.11	21.85	23
			1	64	21.39	22.23	22.24	23

			32	16	25.14	25.72	25.65	26.5
			64	0	24.59	24.65	24.61	26.5
		16QAM	1	0	21.44	22.27	22.01	23
		64QAM	1	0	21.22	21.83	21.73	23
		256QAM	1	0	20.59	21.14	21.25	22
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647666	656000	664332	
30MHz	DFT-OFDM	PI2BPSK	1	0	21.25	21.94	22.02	23
			1	77	21.25	22.09	21.80	23
			36	18	25.18	25.75	25.69	26.5
			75	0	24.60	25.21	25.17	26.5
		QPSK	1	0	21.24	22.00	21.79	23
			1	77	21.19	22.06	22.01	23
			36	18	25.10	25.72	25.67	26.5
			75	0	24.57	24.69	24.64	26.5
		16QAM	1	0	21.50	21.79	21.93	23
		64QAM	1	0	21.60	22.35	21.83	23
		256QAM	1	0	20.43	20.92	20.79	22
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648000	656000	664000	
40MHz	DFT-OFDM	PI2BPSK	1	0	21.14	21.85	21.96	23
			1	105	21.32	22.08	21.65	23
			50	25	25.18	25.79	25.66	26.5
			100	0	24.57	25.25	25.08	26.5
		QPSK	1	0	21.13	21.85	21.63	23
			1	105	21.38	22.14	21.87	23
			50	25	25.19	25.76	25.63	26.5
			100	0	24.55	24.73	24.59	26.5
		16QAM	1	0	21.10	21.90	21.78	23
		64QAM	1	0	21.62	21.75	21.70	23
		256QAM	1	0	20.28	20.80	20.78	22
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648334	656000	663666	
50MHz	DFT-OFDM	PI2BPSK	1	0	21.36	22.13	22.19	23
			1	132	21.87	22.57	21.82	23
			64	32	25.21	25.83	25.66	26.5
			128	0	24.77	25.35	25.18	26.5
		QPSK	1	0	21.38	22.08	21.88	23
			1	132	21.96	22.46	22.20	23
			64	32	25.19	25.86	25.64	26.5
			128	0	24.59	24.84	24.64	26.5
		16QAM	1	0	21.61	22.15	22.20	23
		64QAM	1	0	21.83	22.52	22.01	23
		256QAM	1	0	20.37	21.28	21.13	22
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648668	656000	663334	
60MHz	DFT-OFDM	PI2BPSK	1	0	21.22	21.87	22.04	23
			1	161	21.89	22.47	21.71	23
			81	40	25.28	25.86	25.57	26.5

			162	0	24.82	25.33	25.06	26.5
		QPSK	1	0	21.22	21.96	21.75	23
			1	161	21.91	22.46	21.98	23
			81	40	25.27	25.81	25.58	26.5
			162	0	24.58	24.83	24.57	26.5
		16QAM	1	0	21.65	22.24	21.98	23
		64QAM	1	0	21.21	22.00	21.97	23
		256QAM	1	0	20.39	21.29	21.03	22
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649000	656000	663000	
70MHz	DFT-OFDM	PI2BPSK	1	0	21.35	21.43	21.52	23
			1	188	22.26	22.31	22.06	23
			90	45	25.42	25.69	25.49	26.5
			180	0	24.56	25.02	25.75	26.5
		QPSK	1	0	21.25	21.92	21.89	23
			1	188	21.99	22.41	22.06	23
			90	45	25.42	25.73	25.51	26.5
			180	0	24.52	24.54	24.57	26.5
		16QAM	1	0	21.59	22.19	22.29	23
		64QAM	1	0	21.83	22.48	22.31	23
256QAM	1	0	20.30	21.33	21.23	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649334	656000	662666	
80MHz	DFT-OFDM	PI2BPSK	1	0	21.29	21.56	21.91	23
			1	216	22.29	22.19	22.10	23
			108	54	25.96	26.04	25.85	26.5
			216	0	25.30	25.26	24.91	26.5
		QPSK	1	0	21.30	21.78	21.96	23
			1	216	22.27	22.27	21.91	23
			108	54	25.93	26.01	25.78	26.5
			216	0	24.66	24.64	24.62	26.5
		16QAM	1	0	21.33	22.14	22.16	23
		64QAM	1	0	21.77	21.90	22.09	23
256QAM	1	0	20.50	21.03	21.20	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649668	656000	662332	
90MHz	DFT-OFDM	PI2BPSK	1	0	21.11	21.60	21.81	23
			1	244	22.10	21.89	21.64	23
			120	60	25.97	25.93	25.77	26.5
			240	0	25.39	25.41	25.12	26.5
		QPSK	1	0	21.03	21.68	21.82	23
			1	244	22.10	21.95	21.65	23
			120	60	25.96	25.97	25.75	26.5
			240	0	24.57	24.63	24.64	26.5
		16QAM	1	0	21.11	21.54	21.99	23
		64QAM	1	0	21.07	21.62	21.86	23
256QAM	1	0	20.28	20.92	21.01	22		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					650000	656000	662000	

100MHz	DFT-OFDM	PI2BPSK	1	0	21.53	21.62	21.69	23
			1	272	21.74	21.84	21.68	23
			135	67	26.23	26.29	26.15	26.5
			270	0	25.54	25.64	25.42	26.5
		QPSK	1	0	21.26	21.67	21.81	23
			1	272	21.73	21.87	21.66	23
			135	67	26.24	26.30	26.15	26.5
			270	0	25.01	25.17	24.97	26.5
		16QAM	1	0	21.17	21.88	22.04	23
		64QAM	1	0	21.18	21.94	22.06	23
		256QAM	1	0	20.12	20.88	21.01	22

Receiver on								
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647000	656000	665000	
10MHz	DFT-OFDM	PI2BPSK	1	0	18.75	19.70	19.83	20
			1	51	18.73	19.61	19.87	20
			25	12	20.17	21.22	21.30	21.5
			50	0	19.95	20.76	20.71	21.5
		QPSK	1	0	18.77	19.72	19.51	20
			1	51	18.75	19.57	19.75	20
			25	12	20.29	21.41	21.16	21.5
		16QAM	1	0	19.04	19.86	19.85	20
		64QAM	1	0	18.87	19.93	19.69	20
256QAM	1	0	17.68	18.56	18.63	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647168	656000	664832	
15MHz	DFT-OFDM	PI2BPSK	1	0	18.82	19.60	19.63	20
			1	78	18.67	19.61	19.46	20
			36	18	20.35	21.32	21.17	21.5
			75	0	19.85	20.46	20.80	21.5
		QPSK	1	0	18.42	19.56	19.39	20
			1	78	18.89	19.51	19.57	20
			36	18	20.32	21.13	21.34	21.5
		75	0	20.99	20.36	20.10	21.5	
		16QAM	1	0	18.75	19.75	19.58	20
64QAM	1	0	18.59	19.85	19.87	20		
256QAM	1	0	17.99	18.77	18.90	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647334	656000	664666	
20MHz	DFT-OFDM	PI2BPSK	1	0	18.83	19.75	19.68	20
			1	105	18.44	19.50	19.31	20
			50	25	20.31	21.36	21.28	21.5
			100	0	20.01	20.81	20.85	21.5
		QPSK	1	0	18.43	19.72	19.54	20
			1	105	18.74	19.59	19.63	20
			50	25	20.45	21.22	21.12	21.5
		100	0	19.66	20.31	20.27	21.5	
		16QAM	1	0	18.73	19.98	19.69	20
64QAM	1	0	18.50	19.59	19.46	20		
256QAM	1	0	17.59	18.87	18.87	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647501	656000	664499	
25MHz	DFT-OFDM	PI2BPSK	1	0	18.22	19.02	19.05	20
			1	64	18.34	19.08	18.74	20
			32	16	20.57	20.69	20.80	21.5
			64	0	19.76	20.25	20.20	21.5
		QPSK	1	0	18.39	19.10	18.71	20
			1	64	18.31	19.29	19.26	20
			32	16	20.26	20.71	20.78	21.5
		64	0	19.79	19.76	19.55	21.5	
		16QAM	1	0	18.36	19.15	18.92	20
64QAM	1	0	18.35	18.89	18.58	20		
256QAM	1	0	17.45	18.08	18.31	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	



					647666	656000	664332	Tune-up Limit
30MHz	DFT-OFDM	PI2BPSK	1	0	18.33	18.87	19.04	20
			1	77	18.22	19.10	18.94	20
			36	18	20.03	20.73	20.74	21.5
			75	0	19.65	20.29	20.08	21.5
		QPSK	1	0	18.21	18.86	18.94	20
			1	77	18.07	19.19	18.96	20
			36	18	20.04	20.81	20.70	21.5
		75	0	19.76	19.62	19.52	21.5	
		16QAM	1	0	18.65	18.93	18.78	20
		64QAM	1	0	18.66	19.47	18.85	20
256QAM	1	0	17.37	18.03	17.89	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648000	656000	664000	
40MHz	DFT-OFDM	PI2BPSK	1	0	18.15	18.70	19.05	20
			1	105	18.31	19.19	18.79	20
			50	25	20.10	20.91	20.80	21.5
			100	0	19.51	20.17	20.14	21.5
		QPSK	1	0	18.07	18.95	18.72	20
			1	105	18.50	19.03	19.01	20
			50	25	20.28	20.66	20.69	21.5
		100	0	19.69	19.62	19.56	21.5	
		16QAM	1	0	18.08	18.96	18.75	20
		64QAM	1	0	18.76	18.86	18.70	20
256QAM	1	0	17.35	17.75	17.63	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648334	656000	663666	
50MHz	DFT-OFDM	PI2BPSK	1	0	18.21	19.14	19.22	20
			1	132	18.83	19.64	18.84	20
			64	32	20.34	20.80	20.71	21.5
			128	0	19.86	20.46	20.33	21.5
		QPSK	1	0	18.28	18.97	18.84	20
			1	132	19.11	19.33	19.31	20
			64	32	20.22	21.01	20.51	21.5
		128	0	19.50	19.75	19.79	21.5	
		16QAM	1	0	18.58	19.01	19.14	20
		64QAM	1	0	18.81	19.65	19.03	20
256QAM	1	0	17.50	18.29	18.17	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648668	656000	663334	
60MHz	DFT-OFDM	PI2BPSK	1	0	18.23	19.01	19.10	20
			1	161	18.93	19.58	18.64	20
			81	40	20.24	20.82	20.63	21.5
			162	0	19.77	20.28	19.98	21.5
		QPSK	1	0	18.07	18.90	18.76	20
			1	161	18.87	19.57	19.07	20
			81	40	20.30	20.90	20.65	21.5
		162	0	19.68	19.73	19.89	21.5	
		16QAM	1	0	18.67	19.12	18.85	20
		64QAM	1	0	18.06	18.96	19.07	20
256QAM	1	0	17.43	18.32	18.13	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649000	656000	663000	

70MHz	DFT-OFDM	PI2BPSK	1	0	18.36	18.30	18.56	20
			1	188	19.32	19.44	19.10	20
			90	45	20.34	20.76	20.52	21.5
			180	0	19.64	19.92	20.78	21.5
		QPSK	1	0	18.26	18.91	18.76	20
			1	188	18.96	19.37	18.98	20
			90	45	20.43	20.73	20.48	21.5
		180	0	19.66	19.59	19.58	21.5	
		16QAM	1	0	18.44	19.25	19.27	20
		64QAM	1	0	18.73	19.55	19.24	20
256QAM	1	0	17.15	18.23	18.28	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649334	656000	662666	
80MHz	DFT-OFDM	PI2BPSK	1	0	18.28	18.45	18.83	20
			1	216	19.22	19.14	19.18	20
			108	54	20.90	20.91	20.76	21.5
			216	0	20.31	20.35	19.82	21.5
		QPSK	1	0	18.45	18.65	18.94	20
			1	216	19.35	19.31	18.93	20
			108	54	20.84	21.16	20.87	21.5
		216	0	19.70	19.75	19.69	21.5	
		16QAM	1	0	18.23	19.07	19.17	20
		64QAM	1	0	18.84	18.83	19.20	20
256QAM	1	0	17.51	18.09	18.14	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649668	656000	662332	
90MHz	DFT-OFDM	PI2BPSK	1	0	18.26	18.55	18.83	20
			1	244	19.00	18.77	18.71	20
			120	60	20.98	20.84	20.64	21.5
			240	0	20.39	20.26	19.97	21.5
		QPSK	1	0	18.03	18.81	18.91	20
			1	244	19.08	18.94	18.68	20
			120	60	21.07	20.87	20.67	21.5
		240	0	19.72	19.62	19.73	21.5	
		16QAM	1	0	18.22	18.59	19.08	20
		64QAM	1	0	18.07	18.73	18.86	20
256QAM	1	0	17.32	17.84	17.86	19		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					650000	656000	662000	
100MHz	DFT-OFDM	PI2BPSK	1	0	18.65	18.55	18.78	20.0
			1	272	18.67	18.92	18.54	20.0
			135	67	21.28	21.37	21.30	21.5
			270	0	20.46	20.67	20.37	21.5
		QPSK	1	0	18.27	18.70	18.85	20.0
			1	272	18.69	18.81	18.69	20.0
			135	67	21.34	21.28	21.20	21.5
		270	0	19.90	20.25	20.09	21.5	
		16QAM	1	0	18.30	18.99	19.00	20.0
		64QAM	1	0	18.03	19.02	18.96	20.0
256QAM	1	0	17.14	17.89	18.06	19.0		

Simultaneous transmission with WLAN & BT

Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647000	656000	665000	
10MHz	DFT-OFDM	PI2BPSK	1	0	15.63	16.60	16.93	17
			1	51	15.74	16.54	16.98	17
			25	12	15.53	16.58	16.75	17
			50	0	15.46	16.31	16.23	17
		QPSK	1	0	15.88	16.72	16.37	17
			1	51	15.90	16.71	16.85	17
			25	12	15.79	16.85	16.76	17
			50	0	15.26	15.82	15.95	17
		16QAM	1	0	16.01	16.95	16.99	17
		64QAM	1	0	15.73	16.79	16.59	17
256QAM	1	0	15.54	16.68	16.75	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647168	656000	664832	
15MHz	DFT-OFDM	PI2BPSK	1	0	15.95	16.48	16.49	17
			1	78	15.55	16.51	16.60	17
			36	18	15.72	16.88	16.81	17
			75	0	15.40	15.93	16.27	17
		QPSK	1	0	15.49	16.55	16.51	17
			1	78	15.76	16.39	16.59	17
			36	18	15.97	16.75	16.85	17
			75	0	16.39	15.84	15.46	17
		16QAM	1	0	15.88	16.61	16.67	17
		64QAM	1	0	15.60	16.70	16.73	17
256QAM	1	0	15.99	16.82	16.59	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647334	656000	664666	
20MHz	DFT-OFDM	PI2BPSK	1	0	15.82	16.69	16.81	17
			1	105	15.47	16.35	16.24	17
			50	25	15.70	16.81	16.84	17
			100	0	15.47	16.23	16.49	17
		QPSK	1	0	15.58	16.75	16.64	17
			1	105	15.64	16.60	16.69	17
			50	25	15.94	16.80	16.75	17
			100	0	15.25	15.78	15.87	17
		16QAM	1	0	15.80	16.11	16.57	17
		64QAM	1	0	15.45	16.63	16.42	17
256QAM	1	0	15.62	16.84	16.92	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647501	656000	664499	
25MHz	DFT-OFDM	PI2BPSK	1	0	15.23	16.17	16.07	17
			1	64	15.30	16.06	15.86	17
			32	16	16.04	16.08	16.29	17
			64	0	15.35	15.79	15.74	17
		QPSK	1	0	15.33	16.20	15.70	17
			1	64	15.27	16.20	16.13	17
			32	16	15.85	16.18	16.35	17
			64	0	15.19	15.40	15.01	17
		16QAM	1	0	15.41	16.06	16.04	17
		64QAM	1	0	15.34	15.76	15.60	17
256QAM	1	0	15.54	16.16	16.35	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	

					647666	656000	664332	Tune-up Limit
30MHz	DFT-OFDM	PI2BPSK	1	0	15.48	16.01	16.17	17
			1	77	15.26	16.24	16.01	17
			36	18	15.56	16.15	16.23	17
			75	0	15.06	15.89	15.61	17
		QPSK	1	0	15.31	15.80	15.92	17
			1	77	15.09	16.26	15.87	17
			36	18	15.66	16.24	16.07	17
			75	0	15.22	15.01	15.14	17
		16QAM	1	0	15.79	15.95	15.83	17
		64QAM	1	0	15.54	16.46	15.72	17
256QAM	1	0	15.27	16.18	15.82	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648000	656000	664000	
40MHz	DFT-OFDM	PI2BPSK	1	0	15.17	15.73	16.16	17
			1	105	15.30	16.07	15.70	17
			50	25	15.58	16.45	16.31	17
			100	0	15.13	15.63	15.73	17
		QPSK	1	0	15.15	16.10	15.63	17
			1	105	15.58	15.95	16.10	17
			50	25	15.82	16.13	16.31	17
			100	0	15.15	15.18	15.26	17
		16QAM	1	0	15.21	15.99	15.77	17
		64QAM	1	0	15.81	15.80	15.85	17
256QAM	1	0	15.35	15.69	15.55	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648334	656000	663666	
50MHz	DFT-OFDM	PI2BPSK	1	0	15.23	16.13	16.20	17
			1	132	15.81	16.74	15.89	17
			64	32	15.81	16.43	16.27	17
			128	0	15.41	15.92	15.90	17
		QPSK	1	0	15.19	15.82	15.77	17
			1	132	16.16	16.27	16.36	17
			64	32	15.58	16.60	16.02	17
			128	0	15.08	15.22	15.42	17
		16QAM	1	0	15.68	15.94	16.24	17
		64QAM	1	0	15.75	16.61	16.11	17
256QAM	1	0	15.58	16.44	16.11	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648668	656000	663334	
60MHz	DFT-OFDM	PI2BPSK	1	0	15.09	15.88	16.18	17
			1	161	16.07	16.44	15.56	17
			81	40	15.63	16.27	15.98	17
			162	0	15.17	15.92	15.48	17
		QPSK	1	0	15.05	15.78	15.65	17
			1	161	16.00	16.64	16.19	17
			81	40	15.73	16.51	16.02	17
			162	0	15.27	15.36	15.27	17
		16QAM	1	0	15.79	16.21	15.81	17
		64QAM	1	0	15.59	15.92	16.14	17
256QAM	1	0	15.39	16.38	16.07	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649000	656000	663000	

70MHz	DFT-OFDM	PI2BPSK	1	0	15.24	15.21	15.51	17
			1	188	16.47	16.53	16.08	17
			90	45	15.90	16.24	16.15	17
			180	0	15.08	15.56	16.16	17
		QPSK	1	0	15.25	15.93	15.63	17
			1	188	15.82	16.24	16.03	17
			90	45	15.84	16.25	15.85	17
		180	0	15.25	15.21	15.32	17	
		16QAM	1	0	15.37	16.23	16.23	17
		64QAM	1	0	15.84	16.67	16.22	17
256QAM	1	0	15.19	16.23	16.20	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune-up Limit
80MHz	DFT-OFDM	PI2BPSK	1	0	15.36	15.56	15.92	17
			1	216	16.34	16.12	16.29	17
			108	54	16.35	16.55	16.21	17
			216	0	15.86	15.84	15.18	17
		QPSK	1	0	15.48	15.54	15.95	17
			1	216	16.37	16.30	15.84	17
			108	54	16.49	16.77	16.28	17
		216	0	15.20	15.23	15.25	17	
		16QAM	1	0	15.29	16.15	16.18	17
		64QAM	1	0	15.83	15.74	16.19	17
256QAM	1	0	15.57	16.10	16.25	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune-up Limit
90MHz	DFT-OFDM	PI2BPSK	1	0	15.39	15.61	15.69	17
			1	244	15.99	15.69	15.67	17
			120	60	16.38	16.47	16.16	17
			240	0	15.98	15.87	15.55	17
		QPSK	1	0	15.11	15.68	15.94	17
			1	244	16.22	15.85	15.61	17
			120	60	16.71	16.29	16.24	17
		240	0	15.08	15.20	15.24	17	
		16QAM	1	0	15.20	15.58	16.22	17
		64QAM	1	0	15.41	15.69	15.90	17
256QAM	1	0	15.42	15.93	15.82	17		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune-up Limit
100MHz	DFT-OFDM	PI2BPSK	1	0	15.53	15.42	15.64	17
			1	272	15.58	15.89	15.51	17
			135	67	16.85	16.87	16.86	17
			270	0	15.85	16.09	15.75	17
		QPSK	1	0	15.25	15.71	15.83	17
			1	272	15.74	15.86	15.69	17
			135	67	16.86	16.78	16.82	17
		270	0	15.32	15.84	15.59	17	
		16QAM	1	0	15.15	15.85	16.01	17
		64QAM	1	0	15.13	16.03	15.94	17
256QAM	1	0	15.25	15.99	16.02	17		

**29. NR n77 block C (PC3)**

Sensor on/off	Receiver off							
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647000	656000	665000	
10MHz	DFT-OFDM	PI2BPSK	1	0	20.76	21.42	21.39	21.5
			1	51	21.50	21.40	21.34	21.5
			25	12	23.07	23.18	23.05	23.5
			50	0	22.28	22.45	22.35	22.5
		QPSK	1	0	20.14	21.05	21.02	21.5
			1	51	21.13	21.21	21.12	21.5
			25	12	23.12	23.16	22.99	23.5
		50	0	21.83	22.03	21.88	22.5	
		16QAM	1	0	19.38	20.05	20.04	21
		64QAM	1	0	19.36	19.44	19.85	21
256QAM	1	0	16.54	17.70	17.83	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647168	656000	664832	
15MHz	DFT-OFDM	PI2BPSK	1	0	20.69	21.45	21.39	21.5
			1	78	21.27	21.34	21.33	21.5
			36	18	23.06	23.17	23.05	23.5
			75	0	22.27	22.45	22.33	22.5
		QPSK	1	0	20.14	21.03	21.04	21.5
			1	78	21.18	21.23	21.13	21.5
			36	18	23.12	23.23	23.02	23.5
		75	0	21.86	21.99	21.82	22.5	
		16QAM	1	0	19.38	20.05	20.07	21
		64QAM	1	0	19.41	19.44	19.94	21
256QAM	1	0	16.53	17.67	17.79	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647334	656000	664666	
20MHz	DFT-OFDM	PI2BPSK	1	0	20.71	21.42	21.41	21.5
			1	105	21.24	21.37	21.32	21.5
			50	25	23.07	23.10	23.08	23.5
			100	0	22.37	22.42	22.33	22.5
		QPSK	1	0	20.24	20.97	21.01	21.5
			1	105	21.19	21.21	21.10	21.5
			50	25	23.13	23.15	23.04	23.5
		100	0	21.82	21.96	21.88	22.5	
		16QAM	1	0	19.36	20.02	20.09	21
		64QAM	1	0	19.38	19.46	19.85	21
256QAM	1	0	16.54	17.65	17.74	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647501	656000	664499	
25MHz	DFT-OFDM	PI2BPSK	1	0	20.76	21.49	21.44	21.5
			1	64	21.28	21.39	21.27	21.5
			32	16	23.12	23.10	23.04	23.5
			64	0	22.37	22.49	22.34	22.5
		QPSK	1	0	20.19	21.01	21.03	21.5
			1	64	21.17	21.22	21.08	21.5
			32	16	23.04	23.18	23.09	23.5
		64	0	21.87	21.97	21.84	22.5	
		16QAM	1	0	19.41	20.08	20.09	21
		64QAM	1	0	19.41	19.42	19.86	21
256QAM	1	0	16.57	17.66	17.83	18		

Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647666	656000	664332	
30MHz	DFT-OFDM	PI2BPSK	1	0	20.76	21.44	21.44	21.5
			1	77	21.27	21.42	21.29	21.5
			36	18	23.08	23.18	23.07	23.5
			75	0	22.35	22.45	22.31	22.5
		QPSK	1	0	20.24	21.05	21.00	21.5
			1	77	21.19	21.18	21.16	21.5
			36	18	23.13	23.17	23.08	23.5
		75	0	21.86	22.03	21.91	22.5	
		16QAM	1	0	19.40	20.02	20.11	21
		64QAM	1	0	19.38	19.49	19.93	21
256QAM	1	0	16.58	17.64	17.81	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648000	656000	664000	
40MHz	DFT-OFDM	PI2BPSK	1	0	20.68	21.49	21.46	21.5
			1	105	21.26	21.32	21.32	21.5
			50	25	23.11	23.18	23.01	23.5
			100	0	22.29	22.44	22.31	22.5
		QPSK	1	0	20.23	21.06	21.05	21.5
			1	105	21.21	21.25	21.08	21.5
			50	25	23.04	23.23	23.00	23.5
		100	0	21.80	21.95	21.89	22.5	
		16QAM	1	0	19.40	20.08	20.11	21
		64QAM	1	0	19.29	19.47	19.89	21
256QAM	1	0	16.55	17.67	17.82	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648334	656000	663666	
50MHz	DFT-OFDM	PI2BPSK	1	0	20.68	21.40	21.39	21.5
			1	132	21.28	21.38	21.29	21.5
			64	32	23.12	23.09	23.02	23.5
			128	0	22.29	22.49	22.32	22.5
		QPSK	1	0	20.15	21.00	21.01	21.5
			1	132	21.11	21.24	21.10	21.5
			64	32	23.03	23.13	22.99	23.5
		128	0	21.86	21.96	21.81	22.5	
		16QAM	1	0	19.36	20.05	20.05	21
		64QAM	1	0	19.37	19.41	19.85	21
256QAM	1	0	16.53	17.62	17.79	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648668	656000	663334	
60MHz	DFT-OFDM	PI2BPSK	1	0	20.74	21.41	21.47	21.5
			1	161	21.24	21.35	21.31	21.5
			81	40	23.08	23.17	23.04	23.5
			162	0	22.31	22.42	22.31	22.5
		QPSK	1	0	20.24	21.04	21.04	21.5
			1	161	21.16	21.22	21.10	21.5
			81	40	23.04	23.16	23.05	23.5
		162	0	21.82	21.93	21.86	22.5	
		16QAM	1	0	19.36	20.07	20.06	21
		64QAM	1	0	19.34	19.42	19.91	21
256QAM	1	0	16.60	17.66	17.81	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649000	656000	663000	

70MHz	DFT-OFDM	PI2BPSK	1	0	20.75	21.44	21.43	21.5
			1	188	21.49	21.36	21.34	21.5
			90	45	23.08	23.19	23.05	23.5
			180	0	22.35	22.43	22.38	22.5
		QPSK	1	0	20.23	20.97	21.00	21.5
			1	188	21.18	21.28	21.13	21.5
			90	45	23.06	23.17	23.00	23.5
		16QAM	1	0	21.83	22.00	21.90	22.5
		64QAM	1	0	19.41	20.06	20.09	21
		256QAM	1	0	19.21	19.46	19.87	21
256QAM	1	0	16.52	17.67	17.81	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649334	656000	662666	
80MHz	DFT-OFDM	PI2BPSK	1	0	20.72	21.41	21.47	21.5
			1	216	21.23	21.32	21.25	21.5
			108	54	23.11	23.17	23.02	23.5
			216	0	22.36	22.49	22.32	22.5
		QPSK	1	0	20.16	20.99	21.01	21.5
			1	216	21.12	21.24	21.07	21.5
			108	54	23.13	23.20	23.01	23.5
		216	0	21.87	21.97	21.87	22.5	
		16QAM	1	0	19.35	20.05	20.06	21
		64QAM	1	0	19.31	19.42	19.91	21
256QAM	1	0	16.55	17.72	17.77	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649668	656000	662332	
90MHz	DFT-OFDM	PI2BPSK	1	0	20.71	21.39	21.40	21.5
			1	244	21.48	21.33	21.24	21.5
			120	60	23.11	23.15	23.07	23.5
			240	0	22.30	22.47	22.37	22.5
		QPSK	1	0	20.24	21.06	21.05	21.5
			1	244	21.15	21.25	21.10	21.5
			120	60	23.13	23.21	23.01	23.5
		240	0	21.80	22.00	21.86	22.5	
		16QAM	1	0	19.43	20.02	20.05	21
		64QAM	1	0	19.30	19.40	19.92	21
256QAM	1	0	16.54	17.72	17.78	18		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					650000	656000	662000	
100MHz	DFT-OFDM	PI2BPSK	1	0	20.87	21.44	21.47	21.5
			1	272	21.28	21.42	21.34	21.5
			135	67	23.26	23.29	23.21	23.5
			270	0	22.47	22.45	22.41	22.5
		QPSK	1	0	20.34	21.17	21.20	21.5
			1	272	21.31	21.38	21.26	21.5
			135	67	23.23	23.33	23.19	23.5
		270	0	21.99	22.13	22.01	22.5	
		16QAM	1	0	19.55	20.20	20.21	21
		64QAM	1	0	19.11	19.60	20.05	21
256QAM	1	0	16.70	17.82	17.93	18		



Receiver on								
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647000	656000	665000	
10MHz	DFT-OFDM	PI2BPSK	1	0	17.93	17.78	17.46	18.5
			1	51	17.90	17.79	17.46	18.5
			25	12	18.13	18.14	18.00	18.5
			50	0	18.02	18.02	17.72	18.5
		QPSK	1	0	17.90	17.84	17.24	18.2
			1	51	17.91	17.93	17.26	18.2
			25	12	18.07	18.20	17.93	18.5
		50	0	17.79	18.03	17.24	18.5	
		16QAM	1	0	17.71	17.97	17.11	18.1
		64QAM	1	0	17.54	17.74	16.99	18.1
256QAM	1	0	17.41	17.70	16.85	18.1		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647168	656000	664832	
15MHz	DFT-OFDM	PI2BPSK	1	0	17.96	17.87	17.55	18.5
			1	78	17.91	17.81	17.38	18.5
			36	18	18.06	18.17	17.94	18.5
			75	0	18.01	18.02	17.77	18.5
		QPSK	1	0	17.88	17.80	17.22	18.2
			1	78	17.95	17.96	17.22	18.2
			36	18	18.06	18.16	17.87	18.5
		75	0	17.77	18.08	17.27	18.5	
		16QAM	1	0	17.63	17.90	17.11	18.1
		64QAM	1	0	17.52	17.65	16.90	18.1
256QAM	1	0	17.40	17.53	16.77	18.1		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647334	656000	664666	
20MHz	DFT-OFDM	PI2BPSK	1	0	17.91	17.81	17.51	18.5
			1	105	17.98	17.88	17.40	18.5
			50	25	18.06	18.13	17.98	18.5
			100	0	17.96	17.98	17.69	18.5
		QPSK	1	0	17.89	17.85	17.23	18.2
			1	105	17.96	17.90	17.21	18.2
			50	25	18.06	18.19	17.84	18.5
		100	0	17.77	18.07	17.27	18.5	
		16QAM	1	0	17.69	17.86	17.18	18.1
		64QAM	1	0	17.56	17.67	17.04	18.1
256QAM	1	0	17.40	17.60	16.89	18.1		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647501	656000	664499	
25MHz	DFT-OFDM	PI2BPSK	1	0	17.92	17.88	17.46	18.5
			1	64	17.98	17.80	17.42	18.5
			32	16	18.10	18.13	17.96	18.5
			64	0	18.02	18.05	17.73	18.5
		QPSK	1	0	17.89	17.81	17.26	18.2
			1	64	17.92	17.89	17.20	18.2
			32	16	18.10	18.18	17.93	18.5
		64	0	17.82	18.05	17.24	18.5	
		16QAM	1	0	17.76	17.92	17.17	18.1
		64QAM	1	0	17.53	17.70	16.89	18.1
256QAM	1	0	17.41	17.65	16.84	18.1		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	

					647666	656000	664332	Tune-up Limit
30MHz	DFT-OFDM	PI2BPSK	1	0	17.92	17.83	17.55	18.5
			1	77	17.96	17.80	17.47	18.5
			36	18	18.13	18.13	18.01	18.5
			75	0	17.99	18.07	17.74	18.5
		QPSK	1	0	17.89	17.80	17.17	18.2
			1	77	17.89	17.88	17.29	18.2
			36	18	18.07	18.24	17.83	18.5
		75	0	17.82	18.12	17.31	18.5	
		16QAM	1	0	17.69	17.93	17.11	18.1
		64QAM	1	0	17.51	17.76	16.93	18.1
256QAM	1	0	17.36	17.62	16.79	18.1		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648000	656000	664000	
40MHz	DFT-OFDM	PI2BPSK	1	0	17.90	17.81	17.55	18.5
			1	105	17.95	17.89	17.45	18.5
			50	25	18.11	18.17	18.01	18.5
			100	0	18.04	17.98	17.77	18.5
		QPSK	1	0	17.86	17.84	17.22	18.2
			1	105	17.96	17.94	17.23	18.2
			50	25	18.11	18.21	17.91	18.5
		100	0	17.81	18.05	17.31	18.5	
		16QAM	1	0	17.63	17.93	17.14	18.1
		64QAM	1	0	17.50	17.81	17.01	18.1
256QAM	1	0	17.38	17.66	16.87	18.1		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648334	656000	663666	
50MHz	DFT-OFDM	PI2BPSK	1	0	17.92	17.81	17.48	18.5
			1	132	17.93	17.81	17.42	18.5
			64	32	18.16	18.10	17.93	18.5
			128	0	18.00	18.07	17.69	18.5
		QPSK	1	0	17.86	17.81	17.23	18.2
			1	132	17.95	17.94	17.26	18.2
			64	32	18.11	18.20	17.91	18.5
		128	0	17.77	18.06	17.29	18.5	
		16QAM	1	0	17.69	17.88	17.15	18.1
		64QAM	1	0	17.59	17.76	16.94	18.1
256QAM	1	0	17.40	17.57	16.77	18.1		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648668	656000	663334	
60MHz	DFT-OFDM	PI2BPSK	1	0	17.95	17.86	17.52	18.5
			1	161	17.96	17.87	17.38	18.5
			81	40	18.06	18.12	17.93	18.5
			162	0	18.05	18.05	17.76	18.5
		QPSK	1	0	17.82	17.78	17.24	18.2
			1	161	17.88	17.96	17.25	18.2
			81	40	18.10	18.17	17.93	18.5
		162	0	17.78	18.07	17.27	18.5	
		16QAM	1	0	17.74	17.93	17.18	18.1
		64QAM	1	0	17.62	17.78	16.96	18.1
256QAM	1	0	17.42	17.61	16.75	18.1		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649000	656000	663000	

70MHz	DFT-OFDM	PI2BPSK	1	0	17.78	17.61	17.29	18.5
			1	188	17.78	17.69	17.27	18.5
			90	45	18.05	18.04	17.88	18.5
			180	0	17.88	17.88	17.63	18.5
		QPSK	1	0	17.66	17.61	17.10	18.2
			1	188	17.68	17.81	17.04	18.2
			90	45	17.89	18.00	17.68	18.5
		180	0	17.67	17.91	17.14	18.5	
		16QAM	1	0	17.59	17.78	16.97	18.1
		64QAM	1	0	17.36	17.61	16.86	18.1
256QAM	1	0	17.25	17.38	16.76	18.1		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649334	656000	662666	
80MHz	DFT-OFDM	PI2BPSK	1	0	17.90	17.81	17.47	18.5
			1	216	17.90	17.88	17.41	18.5
			108	54	18.15	18.15	18.00	18.5
			216	0	18.01	18.03	17.75	18.5
		QPSK	1	0	17.85	17.80	17.22	18.2
			1	216	17.87	17.92	17.20	18.2
			108	54	18.02	18.18	17.83	18.5
		216	0	17.82	18.08	17.32	18.5	
		16QAM	1	0	17.69	17.90	17.12	18.1
		64QAM	1	0	17.48	17.79	16.99	18.1
256QAM	1	0	17.38	17.57	16.87	18.1		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649668	656000	662332	
90MHz	DFT-OFDM	PI2BPSK	1	0	17.96	17.88	17.47	18.5
			1	244	17.94	17.81	17.45	18.5
			120	60	18.13	18.15	17.95	18.5
			240	0	18.06	18.03	17.69	18.5
		QPSK	1	0	17.84	17.80	17.23	18.2
			1	244	17.90	17.91	17.30	18.2
			120	60	18.06	18.22	17.91	18.5
		240	0	17.80	18.12	17.24	18.5	
		16QAM	1	0	17.64	17.93	17.15	18.1
		64QAM	1	0	17.53	17.68	17.05	18.1
256QAM	1	0	17.25	17.57	16.79	18.1		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					650000	656000	662000	
100MHz	DFT-OFDM	PI2BPSK	1	0	18.10	17.98	17.66	18.5
			1	272	18.09	17.99	17.58	18.5
			135	67	18.26	18.29	18.11	18.5
			270	0	18.16	18.18	17.89	18.5
		QPSK	1	0	18.01	17.96	17.36	18.2
			1	272	18.06	18.08	17.40	18.2
			135	67	18.25	18.36	18.03	18.5
		270	0	17.97	18.22	17.42	18.5	
		16QAM	1	0	17.86	18.08	17.23	18.1
		64QAM	1	0	17.71	17.89	17.07	18.1
256QAM	1	0	17.55	17.70	16.97	18.1		

Simultaneous transmission with WLAN & BT

Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647000	656000	665000	
10MHz	DFT-OFDM	PI2BPSK	1	0	15.04	15.13	15.07	15.5
			1	51	15.17	15.16	15.12	15.5
			25	12	15.29	15.26	15.20	15.5
			50	0	15.16	15.25	15.11	15.5
		QPSK	1	0	14.92	15.18	14.28	15.6
			1	51	14.91	15.25	14.28	15.6
			25	12	15.19	15.37	14.45	15.6
			50	0	14.97	15.30	14.40	15.6
		16QAM	1	0	14.86	15.04	14.24	15.5
		64QAM	1	0	14.71	14.83	14.07	15.5
256QAM	1	0	14.53	14.74	13.88	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647168	656000	664832	
15MHz	DFT-OFDM	PI2BPSK	1	0	15.13	15.16	15.03	15.5
			1	78	15.12	15.11	15.12	15.5
			36	18	15.25	15.32	15.13	15.5
			75	0	15.20	15.26	15.16	15.5
		QPSK	1	0	14.97	15.21	14.21	15.6
			1	78	14.95	15.26	14.27	15.6
			36	18	15.18	15.40	14.49	15.6
			75	0	14.99	15.24	14.44	15.6
		16QAM	1	0	14.85	15.17	14.28	15.5
		64QAM	1	0	14.81	14.88	14.11	15.5
256QAM	1	0	14.63	14.86	14.04	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647334	656000	664666	
20MHz	DFT-OFDM	PI2BPSK	1	0	15.08	15.17	15.05	15.5
			1	105	15.09	15.13	15.07	15.5
			50	25	15.23	15.27	15.11	15.5
			100	0	15.16	15.23	15.10	15.5
		QPSK	1	0	14.99	15.13	14.23	15.6
			1	105	14.99	15.28	14.29	15.6
			50	25	15.23	15.40	14.43	15.6
			100	0	15.05	15.27	14.46	15.6
		16QAM	1	0	14.85	15.11	14.28	15.5
		64QAM	1	0	14.78	14.98	14.09	15.5
256QAM	1	0	14.57	14.79	13.96	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					647501	656000	664499	
25MHz	DFT-OFDM	PI2BPSK	1	0	15.06	15.16	15.04	15.5
			1	64	15.12	15.10	15.02	15.5
			32	16	15.22	15.27	15.20	15.5
			64	0	15.12	15.20	15.11	15.5
		QPSK	1	0	14.96	15.15	14.29	15.6
			1	64	14.92	15.28	14.31	15.6
			32	16	15.19	15.42	14.43	15.6
			64	0	15.01	15.22	14.39	15.6
		16QAM	1	0	14.84	15.08	14.31	15.5
		64QAM	1	0	14.74	14.93	14.07	15.5
256QAM	1	0	14.48	14.87	13.86	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	

					647666	656000	664332	Tune-up Limit
30MHz	DFT-OFDM	PI2BPSK	1	0	15.04	15.18	15.07	15.5
			1	77	15.16	15.11	15.11	15.5
			36	18	15.20	15.33	15.17	15.5
			75	0	15.20	15.28	15.10	15.5
		QPSK	1	0	14.94	15.21	14.28	15.6
			1	77	15.00	15.19	14.35	15.6
			36	18	15.23	15.38	14.50	15.6
			75	0	14.98	15.24	14.43	15.6
		16QAM	1	0	14.89	15.12	14.22	15.5
		64QAM	1	0	14.74	15.04	14.12	15.5
256QAM	1	0	14.65	14.90	14.00	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648000	656000	664000	
40MHz	DFT-OFDM	PI2BPSK	1	0	15.08	15.20	14.99	15.5
			1	105	15.09	15.10	15.02	15.5
			50	25	15.25	15.29	15.19	15.5
			100	0	15.20	15.27	15.10	15.5
		QPSK	1	0	14.89	15.20	14.29	15.6
			1	105	14.92	15.20	14.27	15.6
			50	25	15.20	15.37	14.49	15.6
			100	0	14.98	15.21	14.39	15.6
		16QAM	1	0	14.92	15.12	14.32	15.5
		64QAM	1	0	14.75	14.91	14.10	15.5
256QAM	1	0	14.67	14.77	14.00	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648334	656000	663666	
50MHz	DFT-OFDM	PI2BPSK	1	0	15.04	15.17	15.00	15.5
			1	132	15.10	15.08	15.09	15.5
			64	32	15.22	15.34	15.11	15.5
			128	0	15.20	15.23	15.14	15.5
		QPSK	1	0	14.90	15.17	14.29	15.6
			1	132	14.91	15.21	14.31	15.6
			64	32	15.20	15.34	14.45	15.6
			128	0	14.96	15.22	14.41	15.6
		16QAM	1	0	14.87	15.14	14.20	15.5
		64QAM	1	0	14.73	14.95	14.18	15.5
256QAM	1	0	14.48	14.88	14.05	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					648668	656000	663334	
60MHz	DFT-OFDM	PI2BPSK	1	0	15.07	15.13	15.04	15.5
			1	161	15.16	15.08	15.04	15.5
			81	40	15.25	15.25	15.20	15.5
			162	0	15.12	15.28	15.06	15.5
		QPSK	1	0	14.92	15.21	14.27	15.6
			1	161	14.93	15.22	14.27	15.6
			81	40	15.21	15.42	14.46	15.6
			162	0	15.03	15.27	14.49	15.6
		16QAM	1	0	14.84	15.15	14.22	15.5
		64QAM	1	0	14.71	14.92	14.19	15.5
256QAM	1	0	14.50	14.82	14.03	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune-up Limit
					649000	656000	663000	

70MHz	DFT-OFDM	PI2BPSK	1	0	15.03	15.12	15.03	15.5
			1	188	15.17	15.16	15.12	15.5
			90	45	15.24	15.29	15.16	15.5
			180	0	15.21	15.27	15.14	15.5
		QPSK	1	0	14.98	15.13	14.28	15.6
			1	188	14.98	15.24	14.29	15.6
			90	45	15.16	15.40	14.44	15.6
		16QAM	1	0	14.97	15.29	14.45	15.6
		64QAM	1	0	14.81	15.14	14.34	15.5
		256QAM	1	0	14.70	14.92	14.17	15.5
256QAM	1	0	14.59	14.86	14.03	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune-up Limit
80MHz	DFT-OFDM	PI2BPSK	1	0	15.07	15.13	15.06	15.5
			1	216	15.10	15.06	15.04	15.5
			108	54	15.24	15.24	15.12	15.5
			216	0	15.15	15.23	15.11	15.5
		QPSK	1	0	14.92	15.20	14.29	15.6
			1	216	14.99	15.27	14.35	15.6
			108	54	15.17	15.34	14.51	15.6
		216	0	15.00	15.29	14.49	15.6	
		16QAM	1	0	14.81	15.02	14.33	15.5
		64QAM	1	0	14.76	14.91	14.10	15.5
256QAM	1	0	14.69	14.75	13.99	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune-up Limit
90MHz	DFT-OFDM	PI2BPSK	1	0	15.07	15.17	15.01	15.5
			1	244	15.11	15.15	15.11	15.5
			120	60	15.24	15.31	15.14	15.5
			240	0	15.17	15.28	15.07	15.5
		QPSK	1	0	14.92	15.20	14.25	15.6
			1	244	15.00	15.19	14.33	15.6
			120	60	15.24	15.42	14.49	15.6
		240	0	14.96	15.30	14.48	15.6	
		16QAM	1	0	14.83	15.10	14.29	15.5
		64QAM	1	0	14.75	14.99	14.22	15.5
256QAM	1	0	14.53	14.86	14.02	15.5		
Bandwidth	Mode	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune-up Limit
100MHz	DFT-OFDM	PI2BPSK	1	0	15.23	15.31	15.19	15.5
			1	272	15.27	15.26	15.22	15.5
			135	67	15.39	15.44	15.30	15.5
			270	0	15.31	15.38	15.26	15.5
		QPSK	1	0	15.09	15.31	14.39	15.6
			1	272	15.11	15.49	14.46	15.6
			135	67	15.36	15.53	14.63	15.6
		270	0	15.16	15.40	14.59	15.6	
		16QAM	1	0	15.00	15.28	14.48	15.5
		64QAM	1	0	14.85	15.18	14.37	15.5
256QAM	1	0	14.67	15.00	14.19	15.5		

30. 2.4G WiFi

Modulation	Freq.(MHz)	Conducted AVG Output Power (dBm)			Tune-up Limit (dBm)	Tune-up Limit (dBm)	Tune-up Limit (dBm)	Tune-up Limit (dBm)	Tune-up Limit (dBm)
		ANT7	ANT6	Total	ANT7	ANT6	ANT7	ANT6	Total
802.11b	2412	18.10	17.86	/	18.2	18.2	/	/	/
	2437	17.88	17.67	/	18.2	18.2	/	/	/
	2462	17.93	18.06	/	18.2	18.2	/	/	/
802.11g	2412	Not required	Not required	/	17.5	14.5	/	/	/
	2437	Not required	Not required	/	17.5	14.5	/	/	/
	2462	Not required	Not required	/	17.5	14.5	/	/	/
802.11n 20M	2412	15.49	12.46	17.24	/	/	17.0	13.0	18.5
	2437	16.43	13.66	18.27	/	/	17.0	14.0	18.8
	2462	16.58	12.76	18.09	/	/	17.0	13.0	18.5
802.11n 40M	2422	Not required	Not required	Not required	/	/	15.0	12.0	16.8
	2437	Not required	Not required	Not required	/	/	15.0	12.0	16.8
	2452	Not required	Not required	Not required	/	/	15.0	12.0	16.8
802.11ax 20M	2412	Not required	Not required	Not required	/	/	16.0	12.0	17.5
	2437	Not required	Not required	Not required	/	/	16.0	13.0	17.8
	2462	Not required	Not required	Not required	/	/	16.0	12.0	17.5
802.11ax 40M	2422	Not required	Not required	Not required	/	/	15.5	12.0	17.1
	2437	Not required	Not required	Not required	/	/	15.5	12.0	17.1
	2452	Not required	Not required	Not required	/	/	15.5	12.0	17.1

31. 5G WiFi

Modulation	Freq.(MHz)	Av.Power (dBm)			Tune-up Limit (dBm)	Tune-up Limit (dBm)	Tune-up Limit (dBm)	Tune-up Limit (dBm)	Tune-up Limit (dBm)
		ANT8	ANT6	Total	ANT8	ANT6	ANT8	ANT6	Total
802.11a	5180	Not required	Not required	/	12.2	16.0	/	/	/
	5200	Not required	Not required	/	12.2	16.0	/	/	/
	5240	Not required	Not required	/	12.2	16.0	/	/	/
	5260	11.98	15.31	/	12.2	16.0	/	/	/
	5280	12.06	15.65	/	12.2	16.0	/	/	/
	5320	11.98	15.80	/	12.2	16.0	/	/	/
	5500	10.54	14.47	/	10.7	14.5	/	/	/
	5580	10.52	14.27	/	10.7	14.5	/	/	/
	5700	10.51	13.95	/	10.7	14.5	/	/	/
	5720-2C	10.07	13.28	/	10.5	13.5	/	/	/
	5720-3	1.97	5.15	/	2.5	5.5	/	/	/
	5745	10.61	12.80	/	11.0	12.9	/	/	/
	5785	10.67	12.24	/	11.0	12.9	/	/	/
	5825	10.81	12.77	/	11.0	12.9	/	/	/
802.11n 20M	5180	10.36	6.39	11.82	/	/	10.5	7.5	12.3
	5200	10.33	6.18	11.74	/	/	10.5	7.5	12.3
	5240	10.40	7.25	12.11	/	/	10.5	7.5	12.3
	5260	11.61	7.50	13.03	/	/	11.8	7.5	13.2
	5280	11.05	7.38	12.60	/	/	11.8	7.5	13.2
	5320	10.80	7.46	12.45	/	/	11.8	7.5	13.2
	5500	10.71	10.12	13.44	/	/	10.9	10.2	13.6
	5580	10.46	10.20	13.34	/	/	10.9	10.2	13.6
	5700	9.49	9.03	12.28	/	/	10.9	10.2	13.6
	5720-2C	8.77	8.38	11.59	/	/	9.0	9.0	12.0
	5720-3	1.31	0.74	4.04	/	/	2.0	1.5	4.8
	5745	11.25	9.47	13.46	/	/	11.4	9.5	13.6
	5785	11.06	9.50	13.36	/	/	11.4	9.5	13.6
	5825	11.28	9.30	13.41	/	/	11.4	9.5	13.6
802.11n 40M	5190	Not required	Not required	/	/	/	10.5	7.5	12.3
	5230	Not required	Not required	/	/	/	10.5	7.5	12.3
	5270	Not required	Not required	/	/	/	10.5	7.5	12.3
	5310	Not required	Not required	/	/	/	10.5	7.5	12.3
	5510	Not required	Not required	/	/	/	10.5	10.2	13.4
	5550	Not required	Not required	/	/	/	10.5	10.2	13.4
	5670	Not required	Not required	/	/	/	10.5	10.2	13.4
	5710-2C	Not required	Not required	/	/	/	9.0	9.0	12.0
	5710-3	Not required	Not required	/	/	/	2.0	1.5	4.8
	5755	Not required	Not required	/	/	/	10.5	9.5	13.0
	5795	Not required	Not required	/	/	/	10.5	9.5	13.0
802.11ac 20M	5180	Not required	Not required	/	/	/	10.5	7.5	12.3
	5200	Not required	Not required	/	/	/	10.5	7.5	12.3
	5240	Not required	Not required	/	/	/	10.5	7.5	12.3



	5260	Not required	Not required	/	/	/	11.8	7.5	13.2
	5280	Not required	Not required	/	/	/	11.8	7.5	13.2
	5320	Not required	Not required	/	/	/	11.8	7.5	13.2
	5500	Not required	Not required	/	/	/	10.9	10.2	13.6
	5580	Not required	Not required	/	/	/	10.9	10.2	13.6
	5700	Not required	Not required	/	/	/	10.9	10.2	13.6
	5720-2a	Not required	Not required	/	/	/	9.0	9.0	12.0
	5720-2c	Not required	Not required	/	/	/	2.0	1.5	4.8
	5745	Not required	Not required	/	/	/	11.4	9.5	13.6
	5785	Not required	Not required	/	/	/	11.4	9.5	13.6
	5825	Not required	Not required	/	/	/	11.4	9.5	13.6
802.11ac 40M	5190	Not required	Not required	/	/	/	10.5	7.5	12.3
	5230	Not required	Not required	/	/	/	10.5	7.5	12.3
	5270	Not required	Not required	/	/	/	10.5	7.5	12.3
	5310	Not required	Not required	/	/	/	10.5	7.5	12.3
	5510	Not required	Not required	/	/	/	10.5	10.2	13.4
	5590	Not required	Not required	/	/	/	10.5	10.2	13.4
	5670	Not required	Not required	/	/	/	10.5	10.2	13.4
	5710-2a	Not required	Not required	/	/	/	9.0	9.0	12.0
	5710-2c	Not required	Not required	/	/	/	2.0	1.5	4.8
	5755	Not required	Not required	/	/	/	10.5	9.5	13.0
5795	Not required	Not required	/	/	/	10.5	9.5	13.0	
802.11ac 80M	5210	Not required	Not required	/	/	/	9.5	6.0	11.1
	5290	Not required	Not required	/	/	/	9.5	6.0	11.1
	5530	Not required	Not required	/	/	/	8.0	6.0	10.1
	5610	Not required	Not required	/	/	/	8.0	6.0	10.1
	5690-2C	Not required	Not required	/	/	/	8.0	6.5	10.3
	5690-3	Not required	Not required	/	/	/	2.0	1.5	4.8
	5775	Not required	Not required	/	/	/	10.0	9.0	12.5
802.11ax 20M	5180	Not required	Not required	/	/	/	10.5	7.5	12.3
	5200	Not required	Not required	/	/	/	10.5	7.5	12.3
	5240	Not required	Not required	/	/	/	10.5	7.5	12.3
	5260	Not required	Not required	/	/	/	11.8	7.5	13.2
	5280	Not required	Not required	/	/	/	11.8	7.5	13.2
	5320	Not required	Not required	/	/	/	11.8	7.5	13.2
	5500	Not required	Not required	/	/	/	10.9	10.2	13.6
	5580	Not required	Not required	/	/	/	10.9	10.2	13.6
	5700	Not required	Not required	/	/	/	10.9	10.2	13.6
	5720-2C	Not required	Not required	/	/	/	9.0	9.0	12.0
	5720-3	Not required	Not required	/	/	/	2.0	1.5	4.8
	5745	Not required	Not required	/	/	/	11.4	9.5	13.6
	5785	Not required	Not required	/	/	/	11.4	9.5	13.6
5825	Not required	Not required	/	/	/	11.4	9.5	13.6	
802.11ax 40M	5190	Not required	Not required	/	/	/	10.5	7.5	12.3
	5230	Not required	Not required	/	/	/	10.5	7.5	12.3
	5270	Not required	Not required	/	/	/	10.5	7.5	12.3

	5310	Not required	Not required	/	/	/	10.5	7.5	12.3
	5510	Not required	Not required	/	/	/	10.5	10.2	13.4
	5550	Not required	Not required	/	/	/	10.5	10.2	13.4
	5670	Not required	Not required	/	/	/	10.5	10.2	13.4
	5710-2C	Not required	Not required	/	/	/	9.0	9.0	12.0
	5710-3	Not required	Not required	/	/	/	2.0	1.5	4.8
	5755	Not required	Not required	/	/	/	10.5	9.5	13.0
	5795	Not required	Not required	/	/	/	10.5	9.5	13.0
802.11ax 80M	5210	Not required	Not required	/	/	/	9.5	6.0	11.1
	5290	Not required	Not required	/	/	/	9.5	6.0	11.1
	5530	Not required	Not required	/	/	/	8.0	6.0	10.1
	5610	Not required	Not required	/	/	/	8.0	6.0	10.1
	5690-2C	Not required	Not required	/	/	/	8.0	6.5	10.3
	5690-3	Not required	Not required	/	/	/	2.0	1.5	4.8
	5775	Not required	Not required	/	/	/	10.0	9.0	12.5

## 32. BT

## BT

Modulation	Freq.(MHz)	conducted power (dBm)	Tune-up Limit (dBm)
DH5	2402	14.48	16.2
	2441	16.10	16.2
	2480	15.07	16.2
3DH5	2402	15.06	16.2
	2441	16.09	16.2
	2480	15.23	16.2

## BLE

Modulation	Freq.(MHz)	conducted power (dBm)	Tune-up Limit (dBm)
1M	2402	1.51	2.0
	2440	1.72	2.0
	2480	2.42	2.5
2M	2402	1.45	2.0
	2440	1.45	2.0
	2480	2.36	2.5