



FCC SAR Test Report

Report No. : FA5N1310

15	PI/2 BPSK	1	1	21.93	21.89	21.82	23.20
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.98	21.91	21.86	23.20

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.24		27.00
100	PI/2 BPSK	1	137		25.93		27.00
100	PI/2 BPSK	1	271		26.01		27.00
100	PI/2 BPSK	135	0		26.05		27.00
100	PI/2 BPSK	135	69		26.16		27.00
100	PI/2 BPSK	135	138		25.89		27.00
100	PI/2 BPSK	270	0		26.03		27.00
100	QPSK	1	1		26.22		27.00
100	QPSK	1	137		25.82		27.00
100	QPSK	1	271		26.00		27.00
100	QPSK	135	0		26.05		27.00
100	QPSK	135	69		25.85		27.00
100	QPSK	135	138		25.88		27.00
100	QPSK	270	0		25.99		27.00
100	16QAM	1	1		26.10		27.00
100	64QAM	1	1		24.61		26.00
100	256QAM	1	1		22.32		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.17	26.20	26.15	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.07	26.11	26.05	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.08	26.08	26.08	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.10	26.08	26.05	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.12	26.12	26.13	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.13	26.14	26.10	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.13	26.10	26.08	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.03	26.18	26.03	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.12	26.18	26.06	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.08	26.09	26.04	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.11	26.12	26.07	27.00

【FR1 n78 (27Q)_FCC_Part 27Q (3700~3800MHz)_HPUE_Ant 4_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.23		27.00
100	PI/2 BPSK	1	137		26.05		27.00
100	PI/2 BPSK	1	271		26.16		27.00



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100	PI/2 BPSK	135	0	26.03		27.00
100	PI/2 BPSK	135	69	26.19		27.00
100	PI/2 BPSK	135	138	26.02		27.00
100	PI/2 BPSK	270	0	26.15		27.00
100	QPSK	1	1	26.12		27.00
100	QPSK	1	137	25.88		27.00
100	QPSK	1	271	26.12		27.00
100	QPSK	135	0	25.97		27.00
100	QPSK	135	69	25.95		27.00
100	QPSK	135	138	26.03		27.00
100	QPSK	270	0	26.00		27.00
100	16QAM	1	1	26.14		27.00
100	64QAM	1	1	24.83		26.00
100	256QAM	1	1	22.86		24.00
Channel				649668	650000	650332
Frequency (MHz)				3745.02	3750	3754.98
90	PI/2 BPSK	1	1	26.17	26.19	26.14
Channel				649334	650000	650666
Frequency (MHz)				3740.01	3750	3759.99
80	PI/2 BPSK	1	1	26.16	26.05	26.00
Channel				649000	650000	651000
Frequency (MHz)				3735	3750	3765
70	PI/2 BPSK	1	1	26.08	26.06	26.11
Channel				648668	650000	651332
Frequency (MHz)				3730.02	3750	3769.98
60	PI/2 BPSK	1	1	26.08	26.08	26.08
Channel				648334	650000	651666
Frequency (MHz)				3725.01	3750	3774.99
50	PI/2 BPSK	1	1	26.07	26.17	26.12
Channel				648000	650000	652000
Frequency (MHz)				3720	3750	3780
40	PI/2 BPSK	1	1	26.15	26.07	26.08
Channel				647668	650000	652332
Frequency (MHz)				3715.02	3750	3784.98
30	PI/2 BPSK	1	1	26.08	26.05	26.01
Channel				647500	650000	652500
Frequency (MHz)				3712.5	3750	3787.5
25	PI/2 BPSK	1	1	26.06	26.06	26.10
Channel				647334	650000	652666
Frequency (MHz)				3710.01	3750	3789.99
20	PI/2 BPSK	1	1	26.03	26.07	26.05
Channel				647168	650000	652832
Frequency (MHz)				3707.52	3750	3792.48
15	PI/2 BPSK	1	1	26.14	26.05	26.00
Channel				647000	650000	653000
Frequency (MHz)				3705	3750	3795
10	PI/2 BPSK	1	1	26.03	26.05	26.07

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.31		24.00
100	PI/2 BPSK	1	137		22.85		24.00
100	PI/2 BPSK	1	271		23.10		24.00
100	PI/2 BPSK	135	0		23.12		24.00
100	PI/2 BPSK	135	69		23.29		24.00
100	PI/2 BPSK	135	138		22.82		24.00
100	PI/2 BPSK	270	0		23.05		24.00
100	QPSK	1	1		22.97		24.00
100	QPSK	1	137		22.66		24.00
100	QPSK	1	271		23.06		24.00
100	QPSK	135	0		23.04		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.81		24.00
100	QPSK	270	0		22.90		24.00
100	16QAM	1	1		23.24		24.00
100	64QAM	1	1		23.23		24.00
100	256QAM	1	1		22.41		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.25	23.28	23.21	24.00
Channel				632668	633332	634000	Tune-up limit



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80	PI/2 BPSK	1	1	3490.02	3499.98	3510	(dBm)
	Channel			23.23	23.19	23.11	24.00
	Frequency (MHz)			632334	633332	634332	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	3485.01	3499.98	3514.98	(dBm)
	Channel			23.21	23.20	23.09	24.00
	Frequency (MHz)			632000	633332	634666	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	3480	3499.98	3519.99	(dBm)
	Channel			23.21	23.24	23.09	24.00
	Frequency (MHz)			631668	633332	635000	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	3475.02	3499.98	3525	(dBm)
	Channel			23.10	23.14	23.19	24.00
	Frequency (MHz)			631334	633332	635332	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	3470.01	3499.98	3529.98	(dBm)
	Channel			23.21	23.20	23.11	24.00
	Frequency (MHz)			631000	633332	635666	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	3465	3499.98	3534.99	(dBm)
	Channel			23.12	23.13	23.06	24.00
	Frequency (MHz)			630834	633332	635832	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	3462.51	3499.98	3537.48	(dBm)
	Channel			23.15	23.19	23.09	24.00
	Frequency (MHz)			630668	633332	636000	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	3460.02	3499.98	3540	(dBm)
	Channel			23.21	23.14	23.07	24.00
	Frequency (MHz)			630500	633332	636166	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	3457.5	3499.98	3542.49	(dBm)
	Channel			23.21	23.23	23.13	24.00
	Frequency (MHz)			630334	633332	636332	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	3455.01	3499.98	3544.98	(dBm)
	Channel			23.12	23.23	23.19	24.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		23.37		24.00
100	PI/2 BPSK	1	137		23.12		24.00
100	PI/2 BPSK	1	271		23.33		24.00
100	PI/2 BPSK	135	0		23.11		24.00
100	PI/2 BPSK	135	69		23.35		24.00
100	PI/2 BPSK	135	138		23.12		24.00
100	PI/2 BPSK	270	0		23.33		24.00
100	QPSK	1	1		23.20		24.00
100	QPSK	1	137		23.01		24.00
100	QPSK	1	271		23.26		24.00
100	QPSK	135	0		23.12		24.00
100	QPSK	135	69		23.06		24.00
100	QPSK	135	138		23.11		24.00
100	QPSK	270	0		23.13		24.00
100	16QAM	1	1		23.18		24.00
100	64QAM	1	1		23.17		24.00
100	256QAM	1	1		22.36		23.00
	Channel			649668	650000	650332	Tune-up limit (dBm)
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.29	23.32	23.25	24.00
	Channel			649334	650000	650666	Tune-up limit (dBm)
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.19	23.30	23.20	24.00
	Channel			649000	650000	651000	Tune-up limit (dBm)
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.19	23.30	23.13	24.00
	Channel			648668	650000	651332	Tune-up limit (dBm)
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.16	23.25	23.12	24.00
	Channel			648334	650000	651666	Tune-up limit (dBm)
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.16	23.19	23.20	24.00
	Channel			648000	650000	652000	Tune-up limit (dBm)
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.21	23.19	23.18	24.00
	Channel			647668	650000	652332	Tune-up limit (dBm)
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.14	23.19	23.17	24.00
	Channel			647500	650000	652500	Tune-up limit (dBm)

	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.21	23.30	23.21	24.00
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.27	23.22	23.17	24.00
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.26	23.22	23.18	24.00
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.27	23.28	23.18	24.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		26.33		27.00
100	PI/2 BPSK	1	137		25.84		27.00
100	PI/2 BPSK	1	271		26.10		27.00
100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.18		27.00
100	PI/2 BPSK	135	138		25.77		27.00
100	PI/2 BPSK	270	0		26.02		27.00
100	QPSK	1	1		26.22		27.00
100	QPSK	1	137		25.70		27.00
100	QPSK	1	271		25.98		27.00
100	QPSK	135	0		26.03		27.00
100	QPSK	135	69		25.76		27.00
100	QPSK	135	138		25.79		27.00
100	QPSK	270	0		25.91		27.00
100	16QAM	1	1		26.16		27.00
100	64QAM	1	1		24.86		26.00
100	256QAM	1	1		22.14		24.00
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.25	26.29	26.30	27.00
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.17	26.18	26.26	27.00
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.14	26.19	26.26	27.00
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.20	26.25	26.26	27.00
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.19	26.26	26.27	27.00
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.13	26.22	26.27	27.00
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.18	26.16	26.24	27.00
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.20	26.24	26.19	27.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.18	26.15	26.26	27.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.21	26.16	26.22	27.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.14	26.25	26.27	27.00



【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 6_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.40		27.00
100	PI/2 BPSK	1	137		26.27		27.00
100	PI/2 BPSK	1	271		26.29		27.00
100	PI/2 BPSK	135	0		26.21		27.00
100	PI/2 BPSK	135	69		26.36		27.00
100	PI/2 BPSK	135	138		26.28		27.00
100	PI/2 BPSK	270	0		26.33		27.00
100	QPSK	1	1		26.34		27.00
100	QPSK	1	137		26.21		27.00
100	QPSK	1	271		26.31		27.00
100	QPSK	135	0		26.24		27.00
100	QPSK	135	69		26.22		27.00
100	QPSK	135	138		26.19		27.00
100	QPSK	270	0		26.10		27.00
100	16QAM	1	1		25.89		27.00
100	64QAM	1	1		24.56		26.00
100	256QAM	1	1		22.98		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.35	26.39	26.33	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.22	26.35	26.22	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.27	26.34	26.21	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.29	26.29	26.22	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.26	26.25	26.32	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.21	26.31	26.20	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.25	26.25	26.28	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.21	26.26	26.22	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.26	26.31	26.29	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.31	26.26	26.29	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.33	26.34	26.25	27.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.31		24.00
100	PI/2 BPSK	1	137		22.85		24.00
100	PI/2 BPSK	1	271		23.10		24.00
100	PI/2 BPSK	135	0		23.12		24.00
100	PI/2 BPSK	135	69		23.29		24.00
100	PI/2 BPSK	135	138		22.82		24.00
100	PI/2 BPSK	270	0		23.05		24.00
100	QPSK	1	1		22.97		24.00
100	QPSK	1	137		22.66		24.00
100	QPSK	1	271		23.06		24.00



100	QPSK	135	0		23.04		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.81		24.00
100	QPSK	270	0		22.90		24.00
100	16QAM	1	1		23.24		24.00
100	64QAM	1	1		23.23		24.00
100	256QAM	1	1		22.41		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.25	23.28	23.21	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.23	23.19	23.11	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.21	23.20	23.09	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.21	23.24	23.09	24.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.10	23.14	23.19	24.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.21	23.20	23.11	24.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.12	23.13	23.06	24.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.15	23.19	23.09	24.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.21	23.14	23.07	24.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.21	23.23	23.13	24.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.12	23.23	23.19	24.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.37		24.00
100	PI/2 BPSK	1	137		23.12		24.00
100	PI/2 BPSK	1	271		23.33		24.00
100	PI/2 BPSK	135	0		23.11		24.00
100	PI/2 BPSK	135	69		23.35		24.00
100	PI/2 BPSK	135	138		23.12		24.00
100	PI/2 BPSK	270	0		23.33		24.00
100	QPSK	1	1		23.20		24.00
100	QPSK	1	137		23.01		24.00
100	QPSK	1	271		23.26		24.00
100	QPSK	135	0		23.12		24.00
100	QPSK	135	69		23.06		24.00
100	QPSK	135	138		23.11		24.00
100	QPSK	270	0		23.13		24.00
100	16QAM	1	1		23.18		24.00
100	64QAM	1	1		23.17		24.00
100	256QAM	1	1		22.36		23.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.29	23.32	23.25	24.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.19	23.30	23.20	24.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.19	23.30	23.13	24.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)



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60	PI/2 BPSK	1	1	23.16	23.25	23.12	24.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.16	23.19	23.20	24.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.21	23.19	23.18	24.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	23.14	23.19	23.17	24.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.21	23.30	23.21	24.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.27	23.22	23.17	24.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.26	23.22	23.18	24.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.27	23.28	23.18	24.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.19		19.40
100	PI/2 BPSK	1	137		18.07		19.40
100	PI/2 BPSK	1	271		18.12		19.40
100	PI/2 BPSK	135	0		18.13		19.40
100	PI/2 BPSK	135	69		18.17		19.40
100	PI/2 BPSK	135	138		18.01		19.40
100	PI/2 BPSK	270	0		18.12		19.40
100	QPSK	1	1		18.03		19.40
100	QPSK	1	137		17.98		19.40
100	QPSK	1	271		17.98		19.40
100	QPSK	135	0		18.08		19.40
100	QPSK	135	69		17.99		19.40
100	QPSK	135	138		18.18		19.40
100	QPSK	270	0		18.08		19.40
100	16QAM	1	1		18.02		19.40
100	64QAM	1	1		18.12		19.40
100	256QAM	1	1		17.98		19.40
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.99	18.12	18.01	19.40
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.87	18.03	17.93	19.40
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.95	18.09	17.94	19.40
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.93	18.07	17.96	19.40
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.85	18.04	17.91	19.40
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.94	18.08	17.97	19.40
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.96	18.02	17.95	19.40
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.89	18.01	17.96	19.40
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.97	18.03	17.86	19.40
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	



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15	PI/2 BPSK	1	1	17.90	18.00	17.91	19.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.86	18.06	17.90	19.40

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.23		19.40
100	PI/2 BPSK	1	137		18.21		19.40
100	PI/2 BPSK	1	271		18.14		19.40
100	PI/2 BPSK	135	0		18.09		19.40
100	PI/2 BPSK	135	69		18.19		19.40
100	PI/2 BPSK	135	138		18.15		19.40
100	PI/2 BPSK	270	0		18.19		19.40
100	QPSK	1	1		18.15		19.40
100	QPSK	1	137		18.07		19.40
100	QPSK	1	271		18.12		19.40
100	QPSK	135	0		18.09		19.40
100	QPSK	135	69		18.16		19.40
100	QPSK	135	138		18.01		19.40
100	QPSK	270	0		18.05		19.40
100	16QAM	1	1		18.12		19.40
100	64QAM	1	1		18.02		19.40
100	256QAM	1	1		18.11		19.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.09	18.05	18.09	19.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.04	17.94	18.04	19.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.08	18.01	18.04	19.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.02	18.02	18.07	19.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.00	17.96	18.08	19.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.98	17.98	18.06	19.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.00	17.97	17.97	19.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.98	17.97	18.04	19.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.95	17.91	18.00	19.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.96	17.91	17.96	19.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.94	18.01	17.98	19.40

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 6_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.70		22.60
100	PI/2 BPSK	1	137		21.67		22.60
100	PI/2 BPSK	1	271		21.68		22.60



100	PI/2 BPSK	135	0		21.45		22.60
100	PI/2 BPSK	135	69		21.68		22.60
100	PI/2 BPSK	135	138		21.65		22.60
100	PI/2 BPSK	270	0		21.61		22.60
100	QPSK	1	1		21.45		22.60
100	QPSK	1	137		21.57		22.60
100	QPSK	1	271		21.68		22.60
100	QPSK	135	0		21.47		22.60
100	QPSK	135	69		21.51		22.60
100	QPSK	135	138		21.58		22.60
100	QPSK	270	0		21.53		22.60
100	16QAM	1	1		21.54		22.60
100	64QAM	1	1		21.57		22.60
100	256QAM	1	1		21.46		22.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.68	21.64	21.52	22.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	21.56	21.56	21.39	22.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	21.62	21.63	21.50	22.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	21.57	21.52	21.46	22.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	21.61	21.62	21.42	22.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	21.60	21.49	21.47	22.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	21.58	21.54	21.42	22.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	21.64	21.51	21.44	22.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	21.55	21.58	21.43	22.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	21.55	21.63	21.48	22.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.53	21.58	21.43	22.60

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 6_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.74		22.60
100	PI/2 BPSK	1	137		21.63		22.60
100	PI/2 BPSK	1	271		21.70		22.60
100	PI/2 BPSK	135	0		21.62		22.60
100	PI/2 BPSK	135	69		21.71		22.60
100	PI/2 BPSK	135	138		21.66		22.60
100	PI/2 BPSK	270	0		21.67		22.60
100	QPSK	1	1		21.71		22.60
100	QPSK	1	137		21.60		22.60
100	QPSK	1	271		21.69		22.60
100	QPSK	135	0		21.72		22.60
100	QPSK	135	69		21.73		22.60
100	QPSK	135	138		21.55		22.60
100	QPSK	270	0		21.53		22.60
100	16QAM	1	1		21.56		22.60
100	64QAM	1	1		21.69		22.60
100	256QAM	1	1		21.70		22.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.59	21.60	21.66	22.60
Channel				649334	650000	650666	Tune-up limit



80	PI/2 BPSK	1	1	Frequency (MHz)	3740.01	3750	3759.99	(dBm)
				Channel	21.48	21.47	21.59	22.60
				Frequency (MHz)	649000	650000	651000	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	Channel	3735	3750	3765	(dBm)
				Frequency (MHz)	21.50	21.45	21.60	22.60
				Channel	648668	650000	651332	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	Frequency (MHz)	3730.02	3750	3769.98	(dBm)
				Channel	21.50	21.57	21.59	22.60
				Frequency (MHz)	648334	650000	651666	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	Channel	3725.01	3750	3774.99	(dBm)
				Frequency (MHz)	21.50	21.46	21.64	22.60
				Channel	648000	650000	652000	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	Frequency (MHz)	3720	3750	3780	(dBm)
				Channel	21.48	21.50	21.58	22.60
				Frequency (MHz)	647668	650000	652332	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	Channel	3715.02	3750	3784.98	(dBm)
				Frequency (MHz)	21.47	21.55	21.64	22.60
				Channel	647500	650000	652500	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	Frequency (MHz)	3712.5	3750	3787.5	(dBm)
				Channel	21.57	21.58	21.51	22.60
				Frequency (MHz)	647334	650000	652666	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	Channel	3710.01	3750	3789.99	(dBm)
				Frequency (MHz)	21.54	21.55	21.54	22.60
				Channel	647168	650000	652832	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	Frequency (MHz)	3707.52	3750	3792.48	(dBm)
				Channel	21.47	21.54	21.53	22.60
				Frequency (MHz)	647000	650000	653000	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	Channel	3705	3750	3795	(dBm)
				Frequency (MHz)	21.47	21.49	21.58	22.60

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 6_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
					633332		
					3499.98		
100	PI/2 BPSK	1	1		11.83		12.60
100	PI/2 BPSK	1	137		11.72		12.60
100	PI/2 BPSK	1	271		11.80		12.60
100	PI/2 BPSK	135	0		11.74		12.60
100	PI/2 BPSK	135	69		11.81		12.60
100	PI/2 BPSK	135	138		11.72		12.60
100	PI/2 BPSK	270	0		11.70		12.60
100	QPSK	1	1		11.73		12.60
100	QPSK	1	137		11.79		12.60
100	QPSK	1	271		11.69		12.60
100	QPSK	135	0		11.80		12.60
100	QPSK	135	69		11.69		12.60
100	QPSK	135	138		11.77		12.60
100	QPSK	270	0		11.78		12.60
100	16QAM	1	1		11.77		12.60
100	64QAM	1	1		11.79		12.60
100	256QAM	1	1		11.79		12.60
				633000	633332	633666	Tune-up limit (dBm)
				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	11.75	11.71	11.73	12.60
				632668	633332	634000	Tune-up limit (dBm)
				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	11.72	11.60	11.64	12.60
				632334	633332	634332	Tune-up limit (dBm)
				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	11.61	11.57	11.59	12.60
				632000	633332	634666	Tune-up limit (dBm)
				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	11.61	11.59	11.65	12.60
				631668	633332	635000	Tune-up limit (dBm)
				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	11.72	11.61	11.59	12.60
				631334	633332	635332	Tune-up limit (dBm)
				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	11.68	11.62	11.72	12.60
				631000	633332	635666	Tune-up limit (dBm)
				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	11.62	11.69	11.65	12.60
				630834	633332	635832	Tune-up limit (dBm)



	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	11.68	11.61	11.67	12.60
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	11.60	11.69	11.69	12.60
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	11.65	11.63	11.70	12.60
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	11.61	11.58	11.65	12.60

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 6_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		11.89		12.60
100	PI/2 BPSK	1	137		11.82		12.60
100	PI/2 BPSK	1	271		11.85		12.60
100	PI/2 BPSK	135	0		11.80		12.60
100	PI/2 BPSK	135	69		11.86		12.60
100	PI/2 BPSK	135	138		11.85		12.60
100	PI/2 BPSK	270	0		11.76		12.60
100	QPSK	1	1		11.80		12.60
100	QPSK	1	137		11.75		12.60
100	QPSK	1	271		11.80		12.60
100	QPSK	135	0		11.83		12.60
100	QPSK	135	69		11.82		12.60
100	QPSK	135	138		11.81		12.60
100	QPSK	270	0		11.75		12.60
100	16QAM	1	1		11.81		12.60
100	64QAM	1	1		11.84		12.60
100	256QAM	1	1		11.77		12.60
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	11.81	11.83	11.84	12.60
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	11.77	11.79	11.80	12.60
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	11.70	11.71	11.79	12.60
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	11.67	11.76	11.73	12.60
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	11.79	11.76	11.72	12.60
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	11.72	11.77	11.77	12.60
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	11.68	11.70	11.70	12.60
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	11.70	11.71	11.80	12.60
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	11.67	11.79	11.76	12.60
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	11.70	11.72	11.71	12.60
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	11.77	11.76	11.83	12.60

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 6_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.19		19.40
100	PI/2 BPSK	1	137		18.07		19.40
100	PI/2 BPSK	1	271		18.12		19.40
100	PI/2 BPSK	135	0		18.13		19.40
100	PI/2 BPSK	135	69		18.17		19.40
100	PI/2 BPSK	135	138		18.01		19.40
100	PI/2 BPSK	270	0		18.12		19.40
100	QPSK	1	1		18.03		19.40
100	QPSK	1	137		17.98		19.40
100	QPSK	1	271		17.98		19.40
100	QPSK	135	0		18.08		19.40
100	QPSK	135	69		17.99		19.40
100	QPSK	135	138		18.18		19.40
100	QPSK	270	0		18.08		19.40
100	16QAM	1	1		18.02		19.40
100	64QAM	1	1		18.12		19.40
100	256QAM	1	1		17.98		19.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.99	18.12	18.01	19.40
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.87	18.03	17.93	19.40
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.95	18.09	17.94	19.40
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.93	18.07	17.96	19.40
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.85	18.04	17.91	19.40
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.94	18.08	17.97	19.40
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.96	18.02	17.95	19.40
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.89	18.01	17.96	19.40
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.97	18.03	17.86	19.40
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.90	18.00	17.91	19.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.86	18.06	17.90	19.40

【FR1 n78 (27O)_FCC_Part 27O (3700~3800MHz)_Ant 6_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.23		19.40
100	PI/2 BPSK	1	137		18.21		19.40
100	PI/2 BPSK	1	271		18.14		19.40
100	PI/2 BPSK	135	0		18.09		19.40
100	PI/2 BPSK	135	69		18.19		19.40
100	PI/2 BPSK	135	138		18.15		19.40
100	PI/2 BPSK	270	0		18.19		19.40
100	QPSK	1	1		18.15		19.40
100	QPSK	1	137		18.07		19.40
100	QPSK	1	271		18.12		19.40



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100	QPSK	135	0		18.09		19.40
100	QPSK	135	69		18.16		19.40
100	QPSK	135	138		18.01		19.40
100	QPSK	270	0		18.05		19.40
100	16QAM	1	1		18.12		19.40
100	64QAM	1	1		18.02		19.40
100	256QAM	1	1		18.11		19.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.09	18.05	18.09	19.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.04	17.94	18.04	19.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.08	18.01	18.04	19.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.02	18.02	18.07	19.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.00	17.96	18.08	19.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	17.98	17.98	18.06	19.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.00	17.97	17.97	19.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	17.98	17.97	18.04	19.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	17.95	17.91	18.00	19.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	17.96	17.91	17.96	19.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	17.94	18.01	17.98	19.40

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.31		24.00
100	PI/2 BPSK	1	137		22.85		24.00
100	PI/2 BPSK	1	271		23.10		24.00
100	PI/2 BPSK	135	0		23.12		24.00
100	PI/2 BPSK	135	69		23.29		24.00
100	PI/2 BPSK	135	138		22.82		24.00
100	PI/2 BPSK	270	0		23.05		24.00
100	QPSK	1	1		22.97		24.00
100	QPSK	1	137		22.66		24.00
100	QPSK	1	271		23.06		24.00
100	QPSK	135	0		23.04		24.00
100	QPSK	135	69		22.82		24.00
100	QPSK	135	138		22.81		24.00
100	QPSK	270	0		22.90		24.00
100	16QAM	1	1		23.24		24.00
100	64QAM	1	1		23.23		24.00
100	256QAM	1	1		22.41		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.25	23.28	23.21	24.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.23	23.19	23.11	24.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.21	23.20	23.09	24.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)



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60	PI/2 BPSK	1	1	23.21	23.24	23.09	24.00
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.10	23.14	23.19	24.00
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.21	23.20	23.11	24.00
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.12	23.13	23.06	24.00
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.15	23.19	23.09	24.00
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.21	23.14	23.07	24.00
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.21	23.23	23.13	24.00
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.12	23.23	23.19	24.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.37		24.00
100	PI/2 BPSK	1	137		23.12		24.00
100	PI/2 BPSK	1	271		23.33		24.00
100	PI/2 BPSK	135	0		23.11		24.00
100	PI/2 BPSK	135	69		23.35		24.00
100	PI/2 BPSK	135	138		23.12		24.00
100	PI/2 BPSK	270	0		23.33		24.00
100	QPSK	1	1		23.20		24.00
100	QPSK	1	137		23.01		24.00
100	QPSK	1	271		23.26		24.00
100	QPSK	135	0		23.12		24.00
100	QPSK	135	69		23.06		24.00
100	QPSK	135	138		23.11		24.00
100	QPSK	270	0		23.13		24.00
100	16QAM	1	1		23.18		24.00
100	64QAM	1	1		23.17		24.00
100	256QAM	1	1		22.36		23.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.29	23.32	23.25	24.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.19	23.30	23.20	24.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.19	23.30	23.13	24.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.16	23.25	23.12	24.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.16	23.19	23.20	24.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.21	23.19	23.18	24.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	23.14	23.19	23.17	24.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	23.21	23.30	23.21	24.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.27	23.22	23.17	24.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	



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15	PI/2 BPSK	1	1	23.26	23.22	23.18	24.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.27	23.28	23.18	24.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.33		27.00
100	PI/2 BPSK	1	137		25.84		27.00
100	PI/2 BPSK	1	271		26.10		27.00
100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.18		27.00
100	PI/2 BPSK	135	138		25.77		27.00
100	PI/2 BPSK	270	0		26.02		27.00
100	QPSK	1	1		26.22		27.00
100	QPSK	1	137		25.70		27.00
100	QPSK	1	271		25.98		27.00
100	QPSK	135	0		26.03		27.00
100	QPSK	135	69		25.76		27.00
100	QPSK	135	138		25.79		27.00
100	QPSK	270	0		25.91		27.00
100	16QAM	1	1		26.16		27.00
100	64QAM	1	1		24.86		26.00
100	256QAM	1	1		22.14		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.25	26.29	26.30	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.17	26.18	26.26	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.14	26.19	26.26	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.20	26.25	26.26	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.19	26.26	26.27	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.13	26.22	26.27	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.18	26.16	26.24	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.20	26.24	26.19	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.18	26.15	26.26	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.21	26.16	26.22	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.14	26.25	26.27	27.00

【FR1 n78 (27Q)_FCC_Part 27Q (3700~3800MHz)_HPUE_Ant 6_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.40		27.00
100	PI/2 BPSK	1	137		26.27		27.00
100	PI/2 BPSK	1	271		26.29		27.00



100	PI/2 BPSK	135	0		26.21		27.00
100	PI/2 BPSK	135	69		26.36		27.00
100	PI/2 BPSK	135	138		26.28		27.00
100	PI/2 BPSK	270	0		26.33		27.00
100	QPSK	1	1		26.34		27.00
100	QPSK	1	137		26.21		27.00
100	QPSK	1	271		26.31		27.00
100	QPSK	135	0		26.24		27.00
100	QPSK	135	69		26.22		27.00
100	QPSK	135	138		26.19		27.00
100	QPSK	270	0		26.10		27.00
100	16QAM	1	1		25.89		27.00
100	64QAM	1	1		24.56		26.00
100	256QAM	1	1		22.98		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.35	26.39	26.33	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.22	26.35	26.22	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.27	26.34	26.21	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.29	26.29	26.22	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.26	26.25	26.32	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.21	26.31	26.20	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.25	26.25	26.28	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.21	26.26	26.22	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.26	26.31	26.29	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.31	26.26	26.29	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.33	26.34	26.25	27.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.21		22.40
100	PI/2 BPSK	1	137		21.20		22.40
100	PI/2 BPSK	1	271		21.01		22.40
100	PI/2 BPSK	135	0		21.17		22.40
100	PI/2 BPSK	135	69		21.18		22.40
100	PI/2 BPSK	135	138		21.11		22.40
100	PI/2 BPSK	270	0		21.03		22.40
100	QPSK	1	1		21.04		22.40
100	QPSK	1	137		20.99		22.40
100	QPSK	1	271		21.09		22.40
100	QPSK	135	0		20.98		22.40
100	QPSK	135	69		20.99		22.40
100	QPSK	135	138		21.02		22.40
100	QPSK	270	0		21.07		22.40
100	16QAM	1	1		21.11		22.40
100	64QAM	1	1		21.12		22.40
100	256QAM	1	1		20.97		22.40
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	21.13	21.16	21.19	22.40
Channel				632668	633332	634000	Tune-up limit



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80	PI/2 BPSK	1	1	Frequency (MHz)	3490.02	3499.98	3510	(dBm)
				Channel	21.01	21.09	21.10	22.40
				Frequency (MHz)	632334	633332	634332	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	Channel	3485.01	3499.98	3514.98	(dBm)
				Frequency (MHz)	21.11	21.07	21.18	22.40
				Channel	632000	633332	634666	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	Frequency (MHz)	3480	3499.98	3519.99	(dBm)
				Channel	21.07	21.08	21.11	22.40
				Frequency (MHz)	631668	633332	635000	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	Channel	3475.02	3499.98	3525	(dBm)
				Frequency (MHz)	20.99	21.09	21.16	22.40
				Channel	631334	633332	635332	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	Frequency (MHz)	3470.01	3499.98	3529.98	(dBm)
				Channel	20.98	21.09	21.10	22.40
				Frequency (MHz)	631000	633332	635666	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	Channel	3465	3499.98	3534.99	(dBm)
				Frequency (MHz)	21.05	21.08	21.06	22.40
				Channel	630834	633332	635832	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	Frequency (MHz)	3462.51	3499.98	3537.48	(dBm)
				Channel	21.07	21.04	21.06	22.40
				Frequency (MHz)	630668	633332	636000	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	Channel	3460.02	3499.98	3540	(dBm)
				Frequency (MHz)	21.06	21.14	21.06	22.40
				Channel	630500	633332	636166	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	Frequency (MHz)	3457.5	3499.98	3542.49	(dBm)
				Channel	21.03	21.04	21.05	22.40
				Frequency (MHz)	630334	633332	636332	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	Channel	3455.01	3499.98	3544.98	(dBm)
				Frequency (MHz)	20.99	21.04	21.08	22.40

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 6_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
				Channel	650000		
				Frequency (MHz)	3750		
100	PI/2 BPSK	1	1		21.27		22.40
100	PI/2 BPSK	1	137		21.24		22.40
100	PI/2 BPSK	1	271		21.16		22.40
100	PI/2 BPSK	135	0		21.13		22.40
100	PI/2 BPSK	135	69		21.25		22.40
100	PI/2 BPSK	135	138		21.10		22.40
100	PI/2 BPSK	270	0		21.20		22.40
100	QPSK	1	1		21.05		22.40
100	QPSK	1	137		21.04		22.40
100	QPSK	1	271		21.17		22.40
100	QPSK	135	0		21.26		22.40
100	QPSK	135	69		21.12		22.40
100	QPSK	135	138		21.28		22.40
100	QPSK	270	0		21.23		22.40
100	16QAM	1	1		21.20		22.40
100	64QAM	1	1		21.09		22.40
100	256QAM	1	1		21.13		22.40
				Channel	649668	650000	650332
				Frequency (MHz)	3745.02	3750	3754.98
90	PI/2 BPSK	1	1		21.21	21.24	21.22
				Channel	649334	650000	650666
				Frequency (MHz)	3740.01	3750	3759.99
80	PI/2 BPSK	1	1		21.19	21.15	21.16
				Channel	649000	650000	651000
				Frequency (MHz)	3735	3750	3765
70	PI/2 BPSK	1	1		21.11	21.18	21.13
				Channel	648668	650000	651332
				Frequency (MHz)	3730.02	3750	3769.98
60	PI/2 BPSK	1	1		21.08	21.13	21.16
				Channel	648334	650000	651666
				Frequency (MHz)	3725.01	3750	3774.99
50	PI/2 BPSK	1	1		21.19	21.14	21.16
				Channel	648000	650000	652000
				Frequency (MHz)	3720	3750	3780
40	PI/2 BPSK	1	1		21.06	21.13	21.09
				Channel	647668	650000	652332
				Frequency (MHz)	3715.02	3750	3784.98
30	PI/2 BPSK	1	1		21.19	21.16	21.18
				Channel	647500	650000	652500



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	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.09	21.16	21.19	22.40
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.19	21.18	21.15	22.40
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.11	21.11	21.14	22.40
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.12	21.15	21.08	22.40

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		24.70		25.60
100	PI/2 BPSK	1	137		24.55		25.60
100	PI/2 BPSK	1	271		24.65		25.60
100	PI/2 BPSK	135	0		24.49		25.60
100	PI/2 BPSK	135	69		24.63		25.60
100	PI/2 BPSK	135	138		24.62		25.60
100	PI/2 BPSK	270	0		24.53		25.60
100	QPSK	1	1		24.61		25.60
100	QPSK	1	137		24.66		25.60
100	QPSK	1	271		24.60		25.60
100	QPSK	135	0		24.70		25.60
100	QPSK	135	69		24.58		25.60
100	QPSK	135	138		24.70		25.60
100	QPSK	270	0		24.56		25.60
100	16QAM	1	1		24.57		25.60
100	64QAM	1	1		24.48		25.60
100	256QAM	1	1		22.14		24.00
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.50	24.66	24.47	25.60
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.47	24.60	24.44	25.60
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.41	24.54	24.35	25.60
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.46	24.60	24.34	25.60
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.46	24.54	24.43	25.60
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.43	24.55	24.35	25.60
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.43	24.55	24.39	25.60
	Channel			630834	633332	635832	Tune-up limit
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.47	24.62	24.32	25.60
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.44	24.54	24.44	25.60
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.39	24.61	24.40	25.60
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.40	24.56	24.44	25.60



【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 6_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.85		25.60
100	PI/2 BPSK	1	137		24.55		25.60
100	PI/2 BPSK	1	271		24.75		25.60
100	PI/2 BPSK	135	0		24.58		25.60
100	PI/2 BPSK	135	69		24.81		25.60
100	PI/2 BPSK	135	138		24.60		25.60
100	PI/2 BPSK	270	0		24.79		25.60
100	QPSK	1	1		24.58		25.60
100	QPSK	1	137		24.76		25.60
100	QPSK	1	271		24.76		25.60
100	QPSK	135	0		24.58		25.60
100	QPSK	135	69		24.73		25.60
100	QPSK	135	138		24.72		25.60
100	QPSK	270	0		24.58		25.60
100	16QAM	1	1		24.77		25.60
100	64QAM	1	1		24.56		25.60
100	256QAM	1	1		22.98		24.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.70	24.56	24.63	25.60
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.69	24.48	24.59	25.60
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.57	24.43	24.57	25.60
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.59	24.47	24.58	25.60
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.61	24.53	24.50	25.60
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.62	24.48	24.59	25.60
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	24.64	24.53	24.61	25.60
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	24.56	24.49	24.52	25.60
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.67	24.47	24.61	25.60
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.57	24.51	24.60	25.60
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.61	24.47	24.49	25.60

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.81		15.60
100	PI/2 BPSK	1	137		14.73		15.60
100	PI/2 BPSK	1	271		14.78		15.60
100	PI/2 BPSK	135	0		14.74		15.60
100	PI/2 BPSK	135	69		14.78		15.60
100	PI/2 BPSK	135	138		14.66		15.60
100	PI/2 BPSK	270	0		14.72		15.60
100	QPSK	1	1		14.66		15.60
100	QPSK	1	137		14.76		15.60
100	QPSK	1	271		14.74		15.60



100	QPSK	135	0		14.70		15.60
100	QPSK	135	69		14.77		15.60
100	QPSK	135	138		14.69		15.60
100	QPSK	270	0		14.77		15.60
100	16QAM	1	1		14.67		15.60
100	64QAM	1	1		14.69		15.60
100	256QAM	1	1		14.68		15.60
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	14.75	14.71	14.73	15.60
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	14.72	14.66	14.67	15.60
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	14.64	14.56	14.68	15.60
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	14.70	14.70	14.66	15.60
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	14.61	14.57	14.59	15.60
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	14.73	14.66	14.62	15.60
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	14.64	14.66	14.60	15.60
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	14.61	14.57	14.71	15.60
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	14.73	14.59	14.66	15.60
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	14.74	14.57	14.68	15.60
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	14.66	14.64	14.72	15.60

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 6_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.75		15.60
100	PI/2 BPSK	1	137		14.70		15.60
100	PI/2 BPSK	1	271		14.67		15.60
100	PI/2 BPSK	135	0		14.65		15.60
100	PI/2 BPSK	135	69		14.71		15.60
100	PI/2 BPSK	135	138		14.68		15.60
100	PI/2 BPSK	270	0		14.63		15.60
100	QPSK	1	1		14.69		15.60
100	QPSK	1	137		14.67		15.60
100	QPSK	1	271		14.68		15.60
100	QPSK	135	0		14.61		15.60
100	QPSK	135	69		14.61		15.60
100	QPSK	135	138		14.67		15.60
100	QPSK	270	0		14.62		15.60
100	16QAM	1	1		14.70		15.60
100	64QAM	1	1		14.68		15.60
100	256QAM	1	1		14.60		15.60
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	14.65	14.61	14.63	15.60
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	14.54	14.59	14.57	15.60
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	14.55	14.51	14.56	15.60
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)



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60	PI/2 BPSK	1	1	14.51	14.54	14.59	15.60
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	14.60	14.50	14.55	15.60
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	14.54	14.53	14.52	15.60
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	14.61	14.54	14.51	15.60
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	14.55	14.47	14.55	15.60
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	14.56	14.52	14.52	15.60
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	14.56	14.58	14.55	15.60
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	14.58	14.46	14.61	15.60

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.21		22.40
100	PI/2 BPSK	1	137		21.20		22.40
100	PI/2 BPSK	1	271		21.01		22.40
100	PI/2 BPSK	135	0		21.17		22.40
100	PI/2 BPSK	135	69		21.18		22.40
100	PI/2 BPSK	135	138		21.11		22.40
100	PI/2 BPSK	270	0		21.03		22.40
100	QPSK	1	1		21.04		22.40
100	QPSK	1	137		20.99		22.40
100	QPSK	1	271		21.09		22.40
100	QPSK	135	0		20.98		22.40
100	QPSK	135	69		20.99		22.40
100	QPSK	135	138		21.02		22.40
100	QPSK	270	0		21.07		22.40
100	16QAM	1	1		21.11		22.40
100	64QAM	1	1		21.12		22.40
100	256QAM	1	1		20.97		22.40
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.13	21.16	21.19	22.40
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.01	21.09	21.10	22.40
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.11	21.07	21.18	22.40
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.07	21.08	21.11	22.40
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.99	21.09	21.16	22.40
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.98	21.09	21.10	22.40
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.05	21.08	21.06	22.40
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.07	21.04	21.06	22.40
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.06	21.14	21.06	22.40
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	



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15	PI/2 BPSK	1	1	21.03	21.04	21.05	22.40
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.99	21.04	21.08	22.40

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 6_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.27		22.40
100	PI/2 BPSK	1	137		21.24		22.40
100	PI/2 BPSK	1	271		21.16		22.40
100	PI/2 BPSK	135	0		21.13		22.40
100	PI/2 BPSK	135	69		21.25		22.40
100	PI/2 BPSK	135	138		21.10		22.40
100	PI/2 BPSK	270	0		21.20		22.40
100	QPSK	1	1		21.05		22.40
100	QPSK	1	137		21.04		22.40
100	QPSK	1	271		21.17		22.40
100	QPSK	135	0		21.26		22.40
100	QPSK	135	69		21.12		22.40
100	QPSK	135	138		21.28		22.40
100	QPSK	270	0		21.23		22.40
100	16QAM	1	1		21.20		22.40
100	64QAM	1	1		21.09		22.40
100	256QAM	1	1		21.13		22.40
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.21	21.24	21.22	22.40
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.19	21.15	21.16	22.40
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.11	21.18	21.13	22.40
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.08	21.13	21.16	22.40
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.19	21.14	21.16	22.40
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.06	21.13	21.09	22.40
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.19	21.16	21.18	22.40
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.09	21.16	21.19	22.40
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.19	21.18	21.15	22.40
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.11	21.11	21.14	22.40
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.12	21.15	21.08	22.40

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.33		27.00
100	PI/2 BPSK	1	137		25.84		27.00
100	PI/2 BPSK	1	271		26.10		27.00



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100	PI/2 BPSK	135	0		26.06		27.00
100	PI/2 BPSK	135	69		26.18		27.00
100	PI/2 BPSK	135	138		25.77		27.00
100	PI/2 BPSK	270	0		26.02		27.00
100	QPSK	1	1		26.22		27.00
100	QPSK	1	137		25.70		27.00
100	QPSK	1	271		25.98		27.00
100	QPSK	135	0		26.03		27.00
100	QPSK	135	69		25.76		27.00
100	QPSK	135	138		25.79		27.00
100	QPSK	270	0		25.91		27.00
100	16QAM	1	1		26.16		27.00
100	64QAM	1	1		24.86		26.00
100	256QAM	1	1		22.14		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.25	26.29	26.30	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.17	26.18	26.26	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.14	26.19	26.26	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.20	26.25	26.26	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.19	26.26	26.27	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.13	26.22	26.27	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.18	26.16	26.24	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.20	26.24	26.19	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.18	26.15	26.26	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.21	26.16	26.22	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.14	26.25	26.27	27.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 6_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.40		27.00
100	PI/2 BPSK	1	137		26.27		27.00
100	PI/2 BPSK	1	271		26.29		27.00
100	PI/2 BPSK	135	0		26.21		27.00
100	PI/2 BPSK	135	69		26.36		27.00
100	PI/2 BPSK	135	138		26.28		27.00
100	PI/2 BPSK	270	0		26.33		27.00
100	QPSK	1	1		26.34		27.00
100	QPSK	1	137		26.21		27.00
100	QPSK	1	271		26.31		27.00
100	QPSK	135	0		26.24		27.00
100	QPSK	135	69		26.22		27.00
100	QPSK	135	138		26.19		27.00
100	QPSK	270	0		26.10		27.00
100	16QAM	1	1		25.89		27.00
100	64QAM	1	1		24.56		26.00
100	256QAM	1	1		22.98		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.35	26.39	26.33	27.00
Channel				649334	650000	650666	Tune-up limit



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80	PI/2 BPSK	1	1	Frequency (MHz)	3740.01	3750	3759.99	(dBm)
				Channel	26.22	26.35	26.22	27.00
				Frequency (MHz)	649000	650000	651000	Tune-up limit (dBm)
70	PI/2 BPSK	1	1	Channel	3735	3750	3765	(dBm)
				Frequency (MHz)	26.27	26.34	26.21	27.00
				Channel	648668	650000	651332	Tune-up limit (dBm)
60	PI/2 BPSK	1	1	Frequency (MHz)	3730.02	3750	3769.98	(dBm)
				Channel	26.29	26.29	26.22	27.00
				Frequency (MHz)	648334	650000	651666	Tune-up limit (dBm)
50	PI/2 BPSK	1	1	Channel	3725.01	3750	3774.99	(dBm)
				Frequency (MHz)	26.26	26.25	26.32	27.00
				Channel	648000	650000	652000	Tune-up limit (dBm)
40	PI/2 BPSK	1	1	Frequency (MHz)	3720	3750	3780	(dBm)
				Channel	26.21	26.31	26.20	27.00
				Frequency (MHz)	647668	650000	652332	Tune-up limit (dBm)
30	PI/2 BPSK	1	1	Channel	3715.02	3750	3784.98	(dBm)
				Frequency (MHz)	26.25	26.25	26.28	27.00
				Channel	647500	650000	652500	Tune-up limit (dBm)
25	PI/2 BPSK	1	1	Frequency (MHz)	3712.5	3750	3787.5	(dBm)
				Channel	26.21	26.26	26.22	27.00
				Frequency (MHz)	647334	650000	652666	Tune-up limit (dBm)
20	PI/2 BPSK	1	1	Channel	3710.01	3750	3789.99	(dBm)
				Frequency (MHz)	26.26	26.31	26.29	27.00
				Channel	647168	650000	652832	Tune-up limit (dBm)
15	PI/2 BPSK	1	1	Frequency (MHz)	3707.52	3750	3792.48	(dBm)
				Channel	26.31	26.26	26.29	27.00
				Frequency (MHz)	647000	650000	653000	Tune-up limit (dBm)
10	PI/2 BPSK	1	1	Channel	3705	3750	3795	(dBm)
				Frequency (MHz)	26.33	26.34	26.25	27.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
					633332		
					3499.98		
100	PI/2 BPSK	1	1		23.45		24.00
100	PI/2 BPSK	1	137		22.95		24.00
100	PI/2 BPSK	1	271		23.17		24.00
100	PI/2 BPSK	135	0		23.07		23.50
100	PI/2 BPSK	135	69		23.42		24.00
100	PI/2 BPSK	135	138		22.88		23.50
100	PI/2 BPSK	270	0		23.06		23.50
100	QPSK	1	1		23.23		24.00
100	QPSK	1	137		22.67		24.00
100	QPSK	1	271		23.00		24.00
100	QPSK	135	0		23.02		23.50
100	QPSK	135	69		22.73		24.00
100	QPSK	135	138		22.69		23.50
100	QPSK	270	0		22.80		23.50
100	16QAM	1	1		22.93		23.50
100	64QAM	1	1		22.15		23.00
100	256QAM	1	1		20.13		21.00
				633000	633332	633666	Tune-up limit (dBm)
				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.39	23.41	23.40	24.00
				632668	633332	634000	Tune-up limit (dBm)
				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.24	23.29	23.38	24.00
				632334	633332	634332	Tune-up limit (dBm)
				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.34	23.33	23.32	24.00
				632000	633332	634666	Tune-up limit (dBm)
				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.34	23.32	23.33	24.00
				631668	633332	635000	Tune-up limit (dBm)
				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.34	23.31	23.26	24.00
				631334	633332	635332	Tune-up limit (dBm)
				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.33	23.38	23.27	24.00
				631000	633332	635666	Tune-up limit (dBm)
				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.27	23.38	23.33	24.00
				630834	633332	635832	Tune-up limit



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	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.28	23.37	23.36	24.00
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.35	23.31	23.28	24.00
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.29	23.32	23.27	24.00
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.27	23.35	23.26	24.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 8_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		23.29		24.00
100	PI/2 BPSK	1	137		23.03		24.00
100	PI/2 BPSK	1	271		23.26		24.00
100	PI/2 BPSK	135	0		23.09		24.00
100	PI/2 BPSK	135	69		23.25		24.00
100	PI/2 BPSK	135	138		23.05		24.00
100	PI/2 BPSK	270	0		23.18		24.00
100	QPSK	1	1		23.04		24.00
100	QPSK	1	137		22.97		24.00
100	QPSK	1	271		23.23		24.00
100	QPSK	135	0		22.96		24.00
100	QPSK	135	69		22.95		24.00
100	QPSK	135	138		23.04		24.00
100	QPSK	270	0		22.95		24.00
100	16QAM	1	1		23.03		24.00
100	64QAM	1	1		22.24		23.00
100	256QAM	1	1		20.16		21.00
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.22	23.26	23.24	24.00
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	23.18	23.19	23.16	24.00
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	23.21	23.14	23.10	24.00
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	23.16	23.22	23.21	24.00
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	23.10	23.17	23.16	24.00
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	23.18	23.24	23.15	24.00
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	23.18	23.21	23.13	24.00
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	23.20	23.13	23.17	24.00
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	23.10	23.16	23.15	24.00
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	23.18	23.20	23.20	24.00
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	23.08	23.24	23.19	24.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 8_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.47		27.00
100	PI/2 BPSK	1	137		26.04		27.00
100	PI/2 BPSK	1	271		26.13		27.00
100	PI/2 BPSK	135	0		26.11		27.00
100	PI/2 BPSK	135	69		26.42		27.00
100	PI/2 BPSK	135	138		26.05		27.00
100	PI/2 BPSK	270	0		26.08		27.00
100	QPSK	1	1		26.34		27.00
100	QPSK	1	137		25.82		27.00
100	QPSK	1	271		26.09		27.00
100	QPSK	135	0		25.98		27.00
100	QPSK	135	69		25.91		27.00
100	QPSK	135	138		25.94		27.00
100	QPSK	270	0		25.93		27.00
100	16QAM	1	1		26.32		27.00
100	64QAM	1	1		25.08		26.00
100	256QAM	1	1		22.23		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	26.40	26.42	26.38	27.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	26.38	26.39	26.24	27.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	26.29	26.36	26.34	27.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	26.29	26.40	26.26	27.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	26.32	26.30	26.29	27.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	26.36	26.30	26.32	27.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	26.30	26.33	26.28	27.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	26.30	26.29	26.36	27.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	26.29	26.41	26.35	27.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	26.37	26.38	26.27	27.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	26.33	26.37	26.29	27.00

【FR1 n78 (27O)_FCC_Part 27O (3700~3800MHz)_HPUE_Ant 8_Full Power】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.32		27.00
100	PI/2 BPSK	1	137		25.99		27.00
100	PI/2 BPSK	1	271		26.29		27.00
100	PI/2 BPSK	135	0		26.17		27.00
100	PI/2 BPSK	135	69		26.30		27.00
100	PI/2 BPSK	135	138		26.14		27.00
100	PI/2 BPSK	270	0		26.25		27.00
100	QPSK	1	1		26.12		27.00
100	QPSK	1	137		26.03		27.00
100	QPSK	1	271		26.19		27.00



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100	QPSK	135	0		25.96		27.00
100	QPSK	135	69		25.89		27.00
100	QPSK	135	138		25.97		27.00
100	QPSK	270	0		26.07		27.00
100	16QAM	1	1		26.08		27.00
100	64QAM	1	1		24.74		25.50
100	256QAM	1	1		22.24		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	26.27	26.30	26.25	27.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	26.12	26.23	26.11	27.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	26.26	26.21	26.23	27.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	26.18	26.21	26.12	27.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	26.16	26.27	26.15	27.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	26.20	26.24	26.14	27.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	26.18	26.16	26.11	27.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	26.14	26.20	26.14	27.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	26.13	26.17	26.11	27.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	26.20	26.21	26.19	27.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	26.23	26.24	26.14	27.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.87		21.70
100	PI/2 BPSK	1	137		20.63		21.70
100	PI/2 BPSK	1	271		20.64		21.70
100	PI/2 BPSK	135	0		20.71		21.70
100	PI/2 BPSK	135	69		20.85		21.70
100	PI/2 BPSK	135	138		20.81		21.70
100	PI/2 BPSK	270	0		20.81		21.70
100	QPSK	1	1		20.68		21.70
100	QPSK	1	137		20.65		21.70
100	QPSK	1	271		20.59		21.70
100	QPSK	135	0		20.76		21.70
100	QPSK	135	69		20.63		21.70
100	QPSK	135	138		20.60		21.70
100	QPSK	270	0		20.67		21.70
100	16QAM	1	1		20.61		21.70
100	64QAM	1	1		20.73		21.70
100	256QAM	1	1		20.13		21.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.77	20.72	20.74	21.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.72	20.65	20.68	21.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.64	20.58	20.60	21.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)



60	PI/2 BPSK	1	1	20.68	20.68	20.72	21.70
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.74	20.59	20.61	21.70
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.75	20.65	20.66	21.70
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.75	20.61	20.62	21.70
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.75	20.70	20.68	21.70
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.67	20.62	20.68	21.70
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.63	20.64	20.71	21.70
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.69	20.64	20.71	21.70

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.66		21.70
100	PI/2 BPSK	1	137		20.43		21.70
100	PI/2 BPSK	1	271		20.47		21.70
100	PI/2 BPSK	135	0		20.43		21.70
100	PI/2 BPSK	135	69		20.62		21.70
100	PI/2 BPSK	135	138		20.53		21.70
100	PI/2 BPSK	270	0		20.60		21.70
100	QPSK	1	1		20.63		21.70
100	QPSK	1	137		20.65		21.70
100	QPSK	1	271		20.62		21.70
100	QPSK	135	0		20.53		21.70
100	QPSK	135	69		20.65		21.70
100	QPSK	135	138		20.54		21.70
100	QPSK	270	0		20.64		21.70
100	16QAM	1	1		20.44		21.70
100	64QAM	1	1		20.64		21.70
100	256QAM	1	1		20.16		21.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.46	20.63	20.47	21.70
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.33	20.61	20.43	21.70
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.41	20.62	20.38	21.70
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.45	20.53	20.36	21.70
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.34	20.50	20.34	21.70
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.33	20.60	20.39	21.70
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	20.34	20.52	20.36	21.70
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	20.41	20.59	20.46	21.70
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.38	20.55	20.41	21.70
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	



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15	PI/2 BPSK	1	1	20.35	20.57	20.34	21.70
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.37	20.56	20.42	21.70

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.83		18.90
100	PI/2 BPSK	1	137		17.73		18.90
100	PI/2 BPSK	1	271		17.82		18.90
100	PI/2 BPSK	135	0		17.66		18.90
100	PI/2 BPSK	135	69		17.81		18.90
100	PI/2 BPSK	135	138		17.77		18.90
100	PI/2 BPSK	270	0		17.78		18.90
100	QPSK	1	1		17.64		18.90
100	QPSK	1	137		17.66		18.90
100	QPSK	1	271		17.68		18.90
100	QPSK	135	0		17.61		18.90
100	QPSK	135	69		17.73		18.90
100	QPSK	135	138		17.77		18.90
100	QPSK	270	0		17.66		18.90
100	16QAM	1	1		17.79		18.90
100	64QAM	1	1		17.79		18.90
100	256QAM	1	1		17.61		18.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.62	17.70	17.66	18.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.54	17.64	17.61	18.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.54	17.62	17.57	18.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.61	17.63	17.64	18.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.55	17.69	17.58	18.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.58	17.57	17.58	18.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.55	17.56	17.65	18.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.50	17.62	17.60	18.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.59	17.66	17.59	18.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.58	17.56	17.59	18.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.48	17.60	17.54	18.90

【FR1 n78 (27Q)_FCC_Part 27Q (3700~3800MHz)_Ant 8_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.67		18.90
100	PI/2 BPSK	1	137		17.57		18.90
100	PI/2 BPSK	1	271		17.61		18.90



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100	PI/2 BPSK	135	0	17.47	18.90
100	PI/2 BPSK	135	69	17.64	18.90
100	PI/2 BPSK	135	138	17.57	18.90
100	PI/2 BPSK	270	0	17.61	18.90
100	QPSK	1	1	17.64	18.90
100	QPSK	1	137	17.46	18.90
100	QPSK	1	271	17.59	18.90
100	QPSK	135	0	17.58	18.90
100	QPSK	135	69	17.53	18.90
100	QPSK	135	138	17.63	18.90
100	QPSK	270	0	17.58	18.90
100	16QAM	1	1	17.45	18.90
100	64QAM	1	1	17.59	18.90
100	256QAM	1	1	17.50	18.90
Channel				649668	650000
Frequency (MHz)				3745.02	3750
90	PI/2 BPSK	1	1	17.59	17.62
Channel				649334	650000
Frequency (MHz)				3740.01	3750
80	PI/2 BPSK	1	1	17.54	17.55
Channel				649000	650000
Frequency (MHz)				3735	3750
70	PI/2 BPSK	1	1	17.50	17.60
Channel				648668	650000
Frequency (MHz)				3730.02	3750
60	PI/2 BPSK	1	1	17.46	17.47
Channel				648334	650000
Frequency (MHz)				3725.01	3750
50	PI/2 BPSK	1	1	17.57	17.58
Channel				648000	650000
Frequency (MHz)				3720	3750
40	PI/2 BPSK	1	1	17.48	17.52
Channel				647668	650000
Frequency (MHz)				3715.02	3750
30	PI/2 BPSK	1	1	17.53	17.49
Channel				647500	650000
Frequency (MHz)				3712.5	3750
25	PI/2 BPSK	1	1	17.55	17.49
Channel				647334	650000
Frequency (MHz)				3710.01	3750
20	PI/2 BPSK	1	1	17.49	17.60
Channel				647168	650000
Frequency (MHz)				3707.52	3750
15	PI/2 BPSK	1	1	17.54	17.60
Channel				647000	650000
Frequency (MHz)				3705	3750
10	PI/2 BPSK	1	1	17.51	17.55

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.81		19.90
100	PI/2 BPSK	1	137		18.70		19.90
100	PI/2 BPSK	1	271		18.63		19.90
100	PI/2 BPSK	135	0		18.67		19.90
100	PI/2 BPSK	135	69		18.78		19.90
100	PI/2 BPSK	135	138		18.70		19.90
100	PI/2 BPSK	270	0		18.72		19.90
100	QPSK	1	1		18.77		19.90
100	QPSK	1	137		18.78		19.90
100	QPSK	1	271		18.64		19.90
100	QPSK	135	0		18.65		19.90
100	QPSK	135	69		18.66		19.90
100	QPSK	135	138		18.76		19.90
100	QPSK	270	0		18.67		19.90
100	16QAM	1	1		18.81		19.90
100	64QAM	1	1		18.66		19.90
100	256QAM	1	1		18.68		19.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	18.80	18.72	18.68	19.90
Channel				632668	633332	634000	Tune-up limit



Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	18.79	18.57	18.57	19.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	18.72	18.66	18.57	19.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	18.70	18.59	18.67	19.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	18.79	18.67	18.61	19.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	18.69	18.66	18.66	19.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	18.76	18.62	18.53	19.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	18.75	18.67	18.65	19.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	18.77	18.60	18.60	19.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	18.74	18.61	18.63	19.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	18.77	18.62	18.57	19.90

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 8_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.68		19.90
100	PI/2 BPSK	1	137		18.54		19.90
100	PI/2 BPSK	1	271		18.53		19.90
100	PI/2 BPSK	135	0		18.48		19.90
100	PI/2 BPSK	135	69		18.65		19.90
100	PI/2 BPSK	135	138		18.44		19.90
100	PI/2 BPSK	270	0		18.61		19.90
100	QPSK	1	1		18.64		19.90
100	QPSK	1	137		18.60		19.90
100	QPSK	1	271		18.57		19.90
100	QPSK	135	0		18.56		19.90
100	QPSK	135	69		18.50		19.90
100	QPSK	135	138		18.49		19.90
100	QPSK	270	0		18.59		19.90
100	16QAM	1	1		18.48		19.90
100	64QAM	1	1		18.47		19.90
100	256QAM	1	1		18.60		19.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	18.46	18.49	18.57	19.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	18.45	18.48	18.53	19.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	18.38	18.42	18.47	19.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	18.37	18.41	18.49	19.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	18.31	18.42	18.49	19.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	18.42	18.39	18.54	19.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	18.40	18.35	18.46	19.90
Channel				647500	650000	652500	Tune-up limit



Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	18.32	18.38	18.43	19.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	18.42	18.47	18.45	19.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	18.38	18.38	18.53	19.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	18.36	18.40	18.45	19.90

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		9.13		10.00
100	PI/2 BPSK	1	137		9.06		10.00
100	PI/2 BPSK	1	271		9.08		10.00
100	PI/2 BPSK	135	0		9.00		10.00
100	PI/2 BPSK	135	69		9.09		10.00
100	PI/2 BPSK	135	138		9.06		10.00
100	PI/2 BPSK	270	0		9.07		10.00
100	QPSK	1	1		9.02		10.00
100	QPSK	1	137		9.04		10.00
100	QPSK	1	271		9.08		10.00
100	QPSK	135	0		8.99		10.00
100	QPSK	135	69		9.00		10.00
100	QPSK	135	138		9.03		10.00
100	QPSK	270	0		9.08		10.00
100	16QAM	1	1		9.03		10.00
100	64QAM	1	1		9.01		10.00
100	256QAM	1	1		9.10		10.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	9.01	9.03	9.02	10.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	8.88	8.96	8.94	10.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	8.90	8.91	8.99	10.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	8.86	8.98	8.90	10.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	8.94	8.90	8.99	10.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	8.97	8.92	8.97	10.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	8.98	8.96	8.91	10.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	8.92	8.89	8.95	10.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	8.97	8.91	8.99	10.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	8.87	8.97	8.89	10.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	8.93	8.90	8.98	10.00

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 8_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		9.16		10.00
100	PI/2 BPSK	1	137		9.12		10.00
100	PI/2 BPSK	1	271		9.02		10.00
100	PI/2 BPSK	135	0		9.01		10.00
100	PI/2 BPSK	135	69		9.15		10.00
100	PI/2 BPSK	135	138		9.05		10.00
100	PI/2 BPSK	270	0		9.07		10.00
100	QPSK	1	1		9.07		10.00
100	QPSK	1	137		9.11		10.00
100	QPSK	1	271		9.05		10.00
100	QPSK	135	0		9.02		10.00
100	QPSK	135	69		9.01		10.00
100	QPSK	135	138		9.05		10.00
100	QPSK	270	0		9.09		10.00
100	16QAM	1	1		9.04		10.00
100	64QAM	1	1		9.05		10.00
100	256QAM	1	1		9.02		10.00
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	9.03	9.02	9.01	10.00
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	8.99	8.89	8.96	10.00
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	9.01	8.98	8.89	10.00
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	8.91	8.90	8.97	10.00
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	8.97	8.89	8.87	10.00
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	8.98	8.87	8.90	10.00
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	8.95	8.98	8.91	10.00
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	8.94	8.89	8.89	10.00
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	8.90	8.99	8.96	10.00
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	8.96	8.98	8.98	10.00
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	9.00	8.93	8.97	10.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.83		18.90
100	PI/2 BPSK	1	137		17.73		18.90
100	PI/2 BPSK	1	271		17.82		18.90
100	PI/2 BPSK	135	0		17.66		18.90
100	PI/2 BPSK	135	69		17.81		18.90
100	PI/2 BPSK	135	138		17.77		18.90
100	PI/2 BPSK	270	0		17.78		18.90
100	QPSK	1	1		17.64		18.90
100	QPSK	1	137		17.66		18.90
100	QPSK	1	271		17.68		18.90



100	QPSK	135	0		17.61		18.90
100	QPSK	135	69		17.73		18.90
100	QPSK	135	138		17.77		18.90
100	QPSK	270	0		17.66		18.90
100	16QAM	1	1		17.79		18.90
100	64QAM	1	1		17.79		18.90
100	256QAM	1	1		17.61		18.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	17.62	17.70	17.66	18.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	17.54	17.64	17.61	18.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	17.54	17.62	17.57	18.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	17.61	17.63	17.64	18.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	17.55	17.69	17.58	18.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	17.58	17.57	17.58	18.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	17.55	17.56	17.65	18.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	17.50	17.62	17.60	18.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	17.59	17.66	17.59	18.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	17.58	17.56	17.59	18.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	17.48	17.60	17.54	18.90

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.67		18.90
100	PI/2 BPSK	1	137		17.57		18.90
100	PI/2 BPSK	1	271		17.61		18.90
100	PI/2 BPSK	135	0		17.47		18.90
100	PI/2 BPSK	135	69		17.64		18.90
100	PI/2 BPSK	135	138		17.57		18.90
100	PI/2 BPSK	270	0		17.61		18.90
100	QPSK	1	1		17.64		18.90
100	QPSK	1	137		17.46		18.90
100	QPSK	1	271		17.59		18.90
100	QPSK	135	0		17.58		18.90
100	QPSK	135	69		17.53		18.90
100	QPSK	135	138		17.63		18.90
100	QPSK	270	0		17.58		18.90
100	16QAM	1	1		17.45		18.90
100	64QAM	1	1		17.59		18.90
100	256QAM	1	1		17.50		18.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	17.59	17.51	17.62	18.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	17.54	17.37	17.55	18.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	17.50	17.47	17.60	18.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)



60	PI/2 BPSK	1	1	17.46	17.39	17.47	18.90
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.57	17.46	17.58	18.90
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.48	17.47	17.52	18.90
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	17.53	17.50	17.49	18.90
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	17.55	17.41	17.49	18.90
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.49	17.48	17.60	18.90
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.54	17.40	17.60	18.90
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.51	17.48	17.55	18.90

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_Ant 8_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.45		21.90
100	PI/2 BPSK	1	137		21.42		21.90
100	PI/2 BPSK	1	271		21.36		21.90
100	PI/2 BPSK	135	0		21.32		21.90
100	PI/2 BPSK	135	69		21.43		21.90
100	PI/2 BPSK	135	138		21.32		21.90
100	PI/2 BPSK	270	0		21.41		21.90
100	QPSK	1	1		21.35		21.90
100	QPSK	1	137		21.35		21.90
100	QPSK	1	271		21.37		21.90
100	QPSK	135	0		21.33		21.90
100	QPSK	135	69		21.32		21.90
100	QPSK	135	138		21.36		21.90
100	QPSK	270	0		21.30		21.90
100	16QAM	1	1		21.36		21.90
100	64QAM	1	1		21.35		21.90
100	256QAM	1	1		20.41		21.00
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.35	21.31	21.32	21.90
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.28	21.16	21.30	21.90
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.24	21.23	21.27	21.90
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.32	21.29	21.27	21.90
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.22	21.24	21.28	21.90
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.32	21.27	21.26	21.90
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.28	21.29	21.21	21.90
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.30	21.27	21.25	21.90
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.26	21.18	21.29	21.90
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	

15	PI/2 BPSK	1	1	21.29	21.23	21.29	21.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	21.33	21.17	21.23	21.90

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_Ant 8_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.48		21.90
100	PI/2 BPSK	1	137		21.36		21.90
100	PI/2 BPSK	1	271		21.34		21.90
100	PI/2 BPSK	135	0		21.38		21.90
100	PI/2 BPSK	135	69		21.47		21.90
100	PI/2 BPSK	135	138		21.41		21.90
100	PI/2 BPSK	270	0		21.38		21.90
100	QPSK	1	1		21.33		21.90
100	QPSK	1	137		21.37		21.90
100	QPSK	1	271		21.43		21.90
100	QPSK	135	0		21.42		21.90
100	QPSK	135	69		21.34		21.90
100	QPSK	135	138		21.35		21.90
100	QPSK	270	0		21.41		21.90
100	16QAM	1	1		21.34		21.90
100	64QAM	1	1		21.35		21.90
100	256QAM	1	1		20.35		21.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.41	21.33	21.32	21.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.34	21.23	21.24	21.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.32	21.24	21.20	21.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.28	21.27	21.26	21.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.37	21.28	21.29	21.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.39	21.19	21.30	21.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.37	21.22	21.24	21.90
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.32	21.24	21.22	21.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.32	21.23	21.27	21.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.36	21.26	21.21	21.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.36	21.30	21.19	21.90

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.92		24.70
100	PI/2 BPSK	1	137		23.76		24.70
100	PI/2 BPSK	1	271		23.69		24.70



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100	PI/2 BPSK	135	0		23.61		24.70
100	PI/2 BPSK	135	69		23.88		24.70
100	PI/2 BPSK	135	138		23.65		24.70
100	PI/2 BPSK	270	0		23.81		24.70
100	QPSK	1	1		23.66		24.70
100	QPSK	1	137		23.67		24.70
100	QPSK	1	271		23.74		24.70
100	QPSK	135	0		23.81		24.70
100	QPSK	135	69		23.61		24.70
100	QPSK	135	138		23.64		24.70
100	QPSK	270	0		23.67		24.70
100	16QAM	1	1		23.79		24.70
100	64QAM	1	1		23.67		24.70
100	256QAM	1	1		22.23		24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	23.80	23.67	23.84	24.70
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	23.75	23.57	23.79	24.70
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	23.66	23.61	23.82	24.70
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	23.72	23.53	23.81	24.70
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	23.74	23.60	23.73	24.70
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	23.66	23.59	23.78	24.70
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	23.70	23.62	23.82	24.70
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	23.67	23.54	23.76	24.70
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	23.71	23.59	23.83	24.70
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	23.70	23.53	23.83	24.70
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	23.65	23.61	23.72	24.70

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 8_DSI 2】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.68		24.70
100	PI/2 BPSK	1	137		23.57		24.70
100	PI/2 BPSK	1	271		23.61		24.70
100	PI/2 BPSK	135	0		23.47		24.70
100	PI/2 BPSK	135	69		23.67		24.70
100	PI/2 BPSK	135	138		23.50		24.70
100	PI/2 BPSK	270	0		23.64		24.70
100	QPSK	1	1		23.50		24.70
100	QPSK	1	137		23.65		24.70
100	QPSK	1	271		23.51		24.70
100	QPSK	135	0		23.48		24.70
100	QPSK	135	69		23.56		24.70
100	QPSK	135	138		23.67		24.70
100	QPSK	270	0		23.63		24.70
100	16QAM	1	1		23.49		24.70
100	64QAM	1	1		23.58		24.70
100	256QAM	1	1		22.24		23.50
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	23.60	23.59	23.49	24.70
Channel				649334	650000	650666	Tune-up limit



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80	Frequency (MHz)	3740.01	3750	3759.99	(dBm)
	PI/2 BPSK	23.58	23.54	23.37	24.70
	Channel	649000	650000	651000	Tune-up limit
	Frequency (MHz)	3735	3750	3765	(dBm)
70	PI/2 BPSK	23.55	23.55	23.35	24.70
	Channel	648668	650000	651332	Tune-up limit
	Frequency (MHz)	3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	23.48	23.55	23.39	24.70
	Channel	648334	650000	651666	Tune-up limit
	Frequency (MHz)	3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	23.58	23.45	23.38	24.70
	Channel	648000	650000	652000	Tune-up limit
	Frequency (MHz)	3720	3750	3780	(dBm)
40	PI/2 BPSK	23.57	23.54	23.36	24.70
	Channel	647668	650000	652332	Tune-up limit
	Frequency (MHz)	3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	23.47	23.55	23.42	24.70
	Channel	647500	650000	652500	Tune-up limit
	Frequency (MHz)	3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	23.56	23.50	23.42	24.70
	Channel	647334	650000	652666	Tune-up limit
	Frequency (MHz)	3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	23.47	23.49	23.47	24.70
	Channel	647168	650000	652832	Tune-up limit
	Frequency (MHz)	3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	23.59	23.45	23.43	24.70
	Channel	647000	650000	653000	Tune-up limit
	Frequency (MHz)	3705	3750	3795	(dBm)
10	PI/2 BPSK	23.51	23.57	23.35	24.70

【FR1 n78 (27Q) _FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 8_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				633332		
	Frequency (MHz)				3499.98		
100	PI/2 BPSK	1	1		20.91		21.90
100	PI/2 BPSK	1	137		20.78		21.90
100	PI/2 BPSK	1	271		20.63		21.90
100	PI/2 BPSK	135	0		20.84		21.90
100	PI/2 BPSK	135	69		20.88		21.90
100	PI/2 BPSK	135	138		20.77		21.90
100	PI/2 BPSK	270	0		20.83		21.90
100	QPSK	1	1		20.69		21.90
100	QPSK	1	137		20.76		21.90
100	QPSK	1	271		20.64		21.90
100	QPSK	135	0		20.67		21.90
100	QPSK	135	69		20.69		21.90
100	QPSK	135	138		20.71		21.90
100	QPSK	270	0		20.72		21.90
100	16QAM	1	1		20.69		21.90
100	64QAM	1	1		20.73		21.90
100	256QAM	1	1		20.79		21.90
	Channel			633000	633332	633666	Tune-up limit
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.83	20.71	20.82	21.90
	Channel			632668	633332	634000	Tune-up limit
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.76	20.62	20.69	21.90
	Channel			632334	633332	634332	Tune-up limit
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.80	20.66	20.77	21.90
	Channel			632000	633332	634666	Tune-up limit
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.77	20.65	20.74	21.90
	Channel			631668	633332	635000	Tune-up limit
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.72	20.60	20.77	21.90
	Channel			631334	633332	635332	Tune-up limit
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.71	20.61	20.78	21.90
	Channel			631000	633332	635666	Tune-up limit
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.74	20.60	20.78	21.90
	Channel			630834	633332	635832	Tune-up limit



	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.80	20.64	20.74	21.90
	Channel			630668	633332	636000	Tune-up limit
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.82	20.57	20.79	21.90
	Channel			630500	633332	636166	Tune-up limit
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.75	20.64	20.78	21.90
	Channel			630334	633332	636332	Tune-up limit
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.81	20.66	20.75	21.90

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 8_DSI 3】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
	Channel				650000		
	Frequency (MHz)				3750		
100	PI/2 BPSK	1	1		20.70		21.90
100	PI/2 BPSK	1	137		20.53		21.90
100	PI/2 BPSK	1	271		20.68		21.90
100	PI/2 BPSK	135	0		20.53		21.90
100	PI/2 BPSK	135	69		20.68		21.90
100	PI/2 BPSK	135	138		20.48		21.90
100	PI/2 BPSK	270	0		20.67		21.90
100	QPSK	1	1		20.56		21.90
100	QPSK	1	137		20.58		21.90
100	QPSK	1	271		20.64		21.90
100	QPSK	135	0		20.49		21.90
100	QPSK	135	69		20.58		21.90
100	QPSK	135	138		20.63		21.90
100	QPSK	270	0		20.48		21.90
100	16QAM	1	1		20.47		21.90
100	64QAM	1	1		20.55		21.90
100	256QAM	1	1		20.49		21.90
	Channel			649668	650000	650332	Tune-up limit
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	20.64	20.49	20.52	21.90
	Channel			649334	650000	650666	Tune-up limit
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	20.59	20.39	20.44	21.90
	Channel			649000	650000	651000	Tune-up limit
	Frequency (MHz)			3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	20.53	20.38	20.40	21.90
	Channel			648668	650000	651332	Tune-up limit
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	20.49	20.36	20.39	21.90
	Channel			648334	650000	651666	Tune-up limit
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	20.60	20.38	20.40	21.90
	Channel			648000	650000	652000	Tune-up limit
	Frequency (MHz)			3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	20.62	20.45	20.46	21.90
	Channel			647668	650000	652332	Tune-up limit
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	20.59	20.35	20.39	21.90
	Channel			647500	650000	652500	Tune-up limit
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	20.53	20.35	20.45	21.90
	Channel			647334	650000	652666	Tune-up limit
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	20.53	20.37	20.41	21.90
	Channel			647168	650000	652832	Tune-up limit
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	20.51	20.46	20.47	21.90
	Channel			647000	650000	653000	Tune-up limit
	Frequency (MHz)			3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	20.57	20.37	20.38	21.90



【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 8_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.85		22.90
100	PI/2 BPSK	1	137		21.80		22.90
100	PI/2 BPSK	1	271		21.72		22.90
100	PI/2 BPSK	135	0		21.74		22.90
100	PI/2 BPSK	135	69		21.82		22.90
100	PI/2 BPSK	135	138		21.63		22.90
100	PI/2 BPSK	270	0		21.80		22.90
100	QPSK	1	1		21.62		22.90
100	QPSK	1	137		21.84		22.90
100	QPSK	1	271		21.68		22.90
100	QPSK	135	0		21.75		22.90
100	QPSK	135	69		21.83		22.90
100	QPSK	135	138		21.84		22.90
100	QPSK	270	0		21.80		22.90
100	16QAM	1	1		21.74		22.90
100	64QAM	1	1		21.78		22.90
100	256QAM	1	1		21.70		22.90
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.73	21.69	21.64	22.90
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.64	21.55	21.62	22.90
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.67	21.67	21.61	22.90
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.60	21.64	21.50	22.90
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.61	21.67	21.58	22.90
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.63	21.57	21.60	22.90
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.69	21.65	21.49	22.90
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.69	21.67	21.54	22.90
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.67	21.59	21.53	22.90
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.63	21.56	21.57	22.90
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.68	21.58	21.49	22.90

【FR1 n78 (27O)_FCC_Part 27O (3700~3800MHz)_HPUE_Ant 8_DSI 6】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.70		22.90
100	PI/2 BPSK	1	137		21.65		22.90
100	PI/2 BPSK	1	271		21.57		22.90
100	PI/2 BPSK	135	0		21.53		22.90
100	PI/2 BPSK	135	69		21.66		22.90
100	PI/2 BPSK	135	138		21.52		22.90
100	PI/2 BPSK	270	0		21.63		22.90
100	QPSK	1	1		21.60		22.90
100	QPSK	1	137		21.67		22.90
100	QPSK	1	271		21.60		22.90



100	QPSK	135	0		21.48		22.90
100	QPSK	135	69		21.47		22.90
100	QPSK	135	138		21.51		22.90
100	QPSK	270	0		21.67		22.90
100	16QAM	1	1		21.51		22.90
100	64QAM	1	1		21.48		22.90
100	256QAM	1	1		21.53		22.90
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	21.47	21.67	21.66	22.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	21.33	21.59	21.51	22.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	21.40	21.57	21.56	22.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	21.34	21.66	21.59	22.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	21.38	21.55	21.57	22.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	21.38	21.63	21.57	22.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	21.32	21.61	21.53	22.90
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	21.36	21.63	21.64	22.90
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	21.45	21.55	21.51	22.90
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	21.44	21.57	21.56	22.90
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	21.33	21.60	21.61	22.90

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 8_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		12.13		13.00
100	PI/2 BPSK	1	137		12.07		13.00
100	PI/2 BPSK	1	271		12.09		13.00
100	PI/2 BPSK	135	0		12.05		13.00
100	PI/2 BPSK	135	69		12.09		13.00
100	PI/2 BPSK	135	138		12.07		13.00
100	PI/2 BPSK	270	0		12.08		13.00
100	QPSK	1	1		12.07		13.00
100	QPSK	1	137		11.98		13.00
100	QPSK	1	271		12.06		13.00
100	QPSK	135	0		12.05		13.00
100	QPSK	135	69		12.05		13.00
100	QPSK	135	138		12.03		13.00
100	QPSK	270	0		11.99		13.00
100	16QAM	1	1		12.04		13.00
100	64QAM	1	1		12.08		13.00
100	256QAM	1	1		12.08		13.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	12.05	12.03	12.02	13.00
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	12.02	11.94	11.90	13.00
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	12.01	11.96	11.95	13.00
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)



60	PI/2 BPSK	1	1	11.96	11.91	11.94	13.00
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	11.95	12.00	11.89	13.00
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	11.93	11.89	11.91	13.00
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	11.96	11.94	11.87	13.00
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	11.99	11.91	11.96	13.00
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	12.03	11.92	12.00	13.00
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	11.94	11.90	11.89	13.00
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	11.94	11.96	11.94	13.00

【FR1 n78 (270) _FCC_Part 270 (3700~3800MHz)_HPUE_Ant 8_DSI 12】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		12.15		13.00
100	PI/2 BPSK	1	137		12.05		13.00
100	PI/2 BPSK	1	271		12.03		13.00
100	PI/2 BPSK	135	0		12.12		13.00
100	PI/2 BPSK	135	69		12.14		13.00
100	PI/2 BPSK	135	138		12.10		13.00
100	PI/2 BPSK	270	0		12.08		13.00
100	QPSK	1	1		12.09		13.00
100	QPSK	1	137		12.06		13.00
100	QPSK	1	271		12.02		13.00
100	QPSK	135	0		12.09		13.00
100	QPSK	135	69		12.12		13.00
100	QPSK	135	138		12.05		13.00
100	QPSK	270	0		12.12		13.00
100	16QAM	1	1		12.01		13.00
100	64QAM	1	1		12.04		13.00
100	256QAM	1	1		12.09		13.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	12.12	12.11	12.11	13.00
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	12.03	12.06	11.99	13.00
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	12.05	12.02	12.08	13.00
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	12.09	12.08	12.02	13.00
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	11.99	12.02	12.00	13.00
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	12.10	12.01	12.00	13.00
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	12.06	12.01	11.98	13.00
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	12.08	12.01	12.04	13.00
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	12.05	11.99	12.07	13.00
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	(dBm)



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15	PI/2 BPSK	1	1	12.08	12.03	11.99	13.00
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	12.07	12.09	12.08	13.00

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.91		21.90
100	PI/2 BPSK	1	137		20.78		21.90
100	PI/2 BPSK	1	271		20.63		21.90
100	PI/2 BPSK	135	0		20.84		21.90
100	PI/2 BPSK	135	69		20.88		21.90
100	PI/2 BPSK	135	138		20.77		21.90
100	PI/2 BPSK	270	0		20.83		21.90
100	QPSK	1	1		20.69		21.90
100	QPSK	1	137		20.76		21.90
100	QPSK	1	271		20.64		21.90
100	QPSK	135	0		20.67		21.90
100	QPSK	135	69		20.69		21.90
100	QPSK	135	138		20.71		21.90
100	QPSK	270	0		20.72		21.90
100	16QAM	1	1		20.69		21.90
100	64QAM	1	1		20.73		21.90
100	256QAM	1	1		20.79		21.90
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	20.83	20.71	20.82	21.90
Channel				632668	633332	634000	Tune-up limit
Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	20.76	20.62	20.69	21.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	20.80	20.66	20.77	21.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	20.77	20.65	20.74	21.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	20.72	20.60	20.77	21.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	20.71	20.61	20.78	21.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	20.74	20.60	20.78	21.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	20.80	20.64	20.74	21.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	20.82	20.57	20.79	21.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	20.75	20.64	20.78	21.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	20.81	20.66	20.75	21.90

【FR1 n78 (27Q)_FCC_Part 27Q (3700~3800MHz)_HPUE_Ant 8_DSI 7】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.70		21.90
100	PI/2 BPSK	1	137		20.53		21.90
100	PI/2 BPSK	1	271		20.68		21.90



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100	PI/2 BPSK	135	0	20.53	21.90
100	PI/2 BPSK	135	69	20.68	21.90
100	PI/2 BPSK	135	138	20.48	21.90
100	PI/2 BPSK	270	0	20.67	21.90
100	QPSK	1	1	20.56	21.90
100	QPSK	1	137	20.58	21.90
100	QPSK	1	271	20.64	21.90
100	QPSK	135	0	20.49	21.90
100	QPSK	135	69	20.58	21.90
100	QPSK	135	138	20.63	21.90
100	QPSK	270	0	20.48	21.90
100	16QAM	1	1	20.47	21.90
100	64QAM	1	1	20.55	21.90
100	256QAM	1	1	20.49	21.90
Channel				649668	650000
Frequency (MHz)				3745.02	3750
90	PI/2 BPSK	1	1	20.64	20.49
Channel				649334	650000
Frequency (MHz)				3740.01	3750
80	PI/2 BPSK	1	1	20.59	20.39
Channel				649000	650000
Frequency (MHz)				3735	3750
70	PI/2 BPSK	1	1	20.53	20.38
Channel				648668	650000
Frequency (MHz)				3730.02	3750
60	PI/2 BPSK	1	1	20.49	20.36
Channel				648334	650000
Frequency (MHz)				3725.01	3750
50	PI/2 BPSK	1	1	20.60	20.38
Channel				648000	650000
Frequency (MHz)				3720	3750
40	PI/2 BPSK	1	1	20.62	20.45
Channel				647668	650000
Frequency (MHz)				3715.02	3750
30	PI/2 BPSK	1	1	20.59	20.35
Channel				647500	650000
Frequency (MHz)				3712.5	3750
25	PI/2 BPSK	1	1	20.53	20.35
Channel				647334	650000
Frequency (MHz)				3710.01	3750
20	PI/2 BPSK	1	1	20.53	20.37
Channel				647168	650000
Frequency (MHz)				3707.52	3750
15	PI/2 BPSK	1	1	20.51	20.46
Channel				647000	650000
Frequency (MHz)				3705	3750
10	PI/2 BPSK	1	1	20.57	20.37

【FR1 n78 (27Q)_FCC_Part 27Q (3450~3550MHz)_HPUE_Ant 8_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1	24.58			24.90
100	PI/2 BPSK	1	137	24.52			24.90
100	PI/2 BPSK	1	271	24.55			24.90
100	PI/2 BPSK	135	0	24.52			24.90
100	PI/2 BPSK	135	69	24.57			24.90
100	PI/2 BPSK	135	138	24.45			24.90
100	PI/2 BPSK	270	0	24.48			24.90
100	QPSK	1	1	24.47			24.90
100	QPSK	1	137	24.51			24.90
100	QPSK	1	271	24.47			24.90
100	QPSK	135	0	24.43			24.90
100	QPSK	135	69	24.54			24.90
100	QPSK	135	138	24.50			24.90
100	QPSK	270	0	24.47			24.90
100	16QAM	1	1	24.52			24.90
100	64QAM	1	1	24.53			24.90
100	256QAM	1	1	23.66			24.00
Channel				633000	633332	633666	Tune-up limit
Frequency (MHz)				3495	3499.98	3504.99	(dBm)
90	PI/2 BPSK	1	1	24.53	24.45	24.41	24.90
Channel				632668	633332	634000	Tune-up limit



Frequency (MHz)				3490.02	3499.98	3510	(dBm)
80	PI/2 BPSK	1	1	24.50	24.37	24.27	24.90
Channel				632334	633332	634332	Tune-up limit
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)
70	PI/2 BPSK	1	1	24.41	24.43	24.39	24.90
Channel				632000	633332	634666	Tune-up limit
Frequency (MHz)				3480	3499.98	3519.99	(dBm)
60	PI/2 BPSK	1	1	24.52	24.42	24.34	24.90
Channel				631668	633332	635000	Tune-up limit
Frequency (MHz)				3475.02	3499.98	3525	(dBm)
50	PI/2 BPSK	1	1	24.47	24.34	24.35	24.90
Channel				631334	633332	635332	Tune-up limit
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)
40	PI/2 BPSK	1	1	24.47	24.31	24.30	24.90
Channel				631000	633332	635666	Tune-up limit
Frequency (MHz)				3465	3499.98	3534.99	(dBm)
30	PI/2 BPSK	1	1	24.45	24.32	24.35	24.90
Channel				630834	633332	635832	Tune-up limit
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)
25	PI/2 BPSK	1	1	24.43	24.36	24.32	24.90
Channel				630668	633332	636000	Tune-up limit
Frequency (MHz)				3460.02	3499.98	3540	(dBm)
20	PI/2 BPSK	1	1	24.43	24.42	24.31	24.90
Channel				630500	633332	636166	Tune-up limit
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)
15	PI/2 BPSK	1	1	24.50	24.43	24.30	24.90
Channel				630334	633332	636332	Tune-up limit
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)
10	PI/2 BPSK	1	1	24.44	24.43	24.40	24.90

【FR1 n78 (270)_FCC_Part 270 (3700~3800MHz)_HPUE_Ant 8_DSI 4】

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.54		24.90
100	PI/2 BPSK	1	137		24.45		24.90
100	PI/2 BPSK	1	271		24.43		24.90
100	PI/2 BPSK	135	0		24.45		24.90
100	PI/2 BPSK	135	69		24.51		24.90
100	PI/2 BPSK	135	138		24.46		24.90
100	PI/2 BPSK	270	0		24.44		24.90
100	QPSK	1	1		24.40		24.90
100	QPSK	1	137		24.46		24.90
100	QPSK	1	271		24.47		24.90
100	QPSK	135	0		24.41		24.90
100	QPSK	135	69		24.46		24.90
100	QPSK	135	138		24.43		24.90
100	QPSK	270	0		24.47		24.90
100	16QAM	1	1		24.42		24.90
100	64QAM	1	1		24.48		24.90
100	256QAM	1	1		23.51		24.00
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	(dBm)
90	PI/2 BPSK	1	1	24.50	24.38	24.38	24.90
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	(dBm)
80	PI/2 BPSK	1	1	24.36	24.32	24.29	24.90
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	(dBm)
70	PI/2 BPSK	1	1	24.43	24.24	24.24	24.90
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	(dBm)
60	PI/2 BPSK	1	1	24.49	24.29	24.24	24.90
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	(dBm)
50	PI/2 BPSK	1	1	24.37	24.34	24.29	24.90
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	(dBm)
40	PI/2 BPSK	1	1	24.48	24.28	24.37	24.90
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750	3784.98	(dBm)
30	PI/2 BPSK	1	1	24.45	24.30	24.34	24.90
Channel				647500	650000	652500	Tune-up limit



Frequency (MHz)				3712.5	3750	3787.5	(dBm)
25	PI/2 BPSK	1	1	24.45	24.27	24.35	24.90
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	(dBm)
20	PI/2 BPSK	1	1	24.38	24.34	24.27	24.90
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	(dBm)
15	PI/2 BPSK	1	1	24.44	24.28	24.36	24.90
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	(dBm)
10	PI/2 BPSK	1	1	24.42	24.24	24.24	24.90

<MIMO Power>

<FR1 n48_Ant 4+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	(dBm)	638000	641666	645332	(dBm)	638000	641666	645332	(dBm)
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.18	20.21	20.20	21.00	20.10	20.15	20.13	21.00	23.15	23.19	23.18	24.00
40		1	53	19.97	20.11	20.04	21.00	19.80	19.99	19.95	21.00	22.90	23.06	23.01	24.00
40		1	104	20.11	20.17	20.02	21.00	20.04	20.11	20.01	21.00	23.09	23.15	23.03	24.00
40		50	0	20.00	20.14	20.02	21.00	19.88	20.00	19.87	21.00	22.95	23.08	22.96	24.00
40		50	28	20.17	20.19	20.16	21.00	20.08	20.11	20.06	21.00	23.14	23.16	23.12	24.00
40		50	56	19.96	20.13	20.09	21.00	19.80	19.95	19.86	21.00	22.89	23.05	22.99	24.00
40		100	0	20.02	20.17	20.12	21.00	19.91	20.04	19.87	21.00	22.98	23.12	23.01	24.00
40	QPSK	1	1	20.02	20.11	20.08	21.00	19.81	19.87	19.71	21.00	22.93	23.00	22.91	24.00
40		1	53	20.04	20.09	20.05	21.00	19.68	19.87	19.82	21.00	22.87	22.99	22.95	24.00
40		1	104	20.02	20.13	20.11	21.00	19.72	19.87	19.76	21.00	22.88	23.01	22.95	24.00
40		50	0	20.04	20.11	20.09	21.00	19.80	19.96	19.82	21.00	22.93	23.05	22.97	24.00
40		50	28	19.96	20.08	19.92	21.00	19.65	19.84	19.81	21.00	22.82	22.97	22.88	24.00
40		50	56	20.04	20.12	19.96	21.00	19.62	19.81	19.71	21.00	22.85	22.98	22.85	24.00
40		100	0	20.04	20.18	20.09	21.00	19.77	19.89	19.78	21.00	22.92	23.05	22.95	24.00
40	16QAM	1	1	19.97	20.03	19.95	21.00	19.70	19.84	19.74	21.00	22.85	22.95	22.86	24.00
40	64QAM	1	1	19.09	19.25	19.11	20.00	18.97	19.04	18.97	20.00	22.04	22.16	22.05	23.00
40	256QAM	1	1	17.15	17.25	17.19	18.00	16.97	17.05	16.99	18.00	20.07	20.16	20.10	21.00

<FR1 n77 (27Q) HPUE_Ant 4+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		(dBm)		633332		(dBm)		633332		(dBm)
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		23.23		24.00		23.48		24.00		26.37		27.00
100		1	137		22.76		24.00		22.97		24.00		25.88		27.00
100		1	271		23.00		24.00		23.17		24.00		26.10		27.00
100		135	0		23.01		24.00		23.20		24.00		26.12		27.00
100		135	69		23.20		24.00		23.40		24.00		26.31		27.00
100		135	138		22.82		24.00		23.01		24.00		25.93		27.00
100		270	0		23.16		24.00		23.35		24.00		26.27		27.00
100	QPSK	1	1		23.20		24.00		23.37		24.00		26.30		27.00



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100		1	137		22.80		24.00		22.95		24.00		25.89		27.00
100		1	271		22.99		24.00		23.15		24.00		26.08		27.00
100		135	0		23.01		24.00		23.15		24.00		26.09		27.00
100		135	69		22.82		24.00		23.02		24.00		25.93		27.00
100		135	138		22.84		24.00		22.94		24.00		25.90		27.00
100		270	0		22.88		24.00		23.04		24.00		25.97		27.00
100	16QAM	1	1		23.11		24.00		23.36		24.00		26.25		27.00
100	64QAM	1	1		23.14		24.00		22.56		23.00		25.87		26.50
100	256QAM	1	1		23.12		24.00		20.44		21.00		24.99		25.80

<FR1 n77 (27Q)_PC1.5_Ant 4+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		26.23		27.00		26.43		27.00		29.34		30.00
100		1	137		25.77		27.00		26.04		27.00		28.92		30.00
100		1	271		25.97		27.00		26.18		27.00		29.09		30.00
100		135	0		25.96		27.00		26.13		27.00		29.06		30.00
100		135	69		26.20		27.00		26.39		27.00		29.31		30.00
100		135	138		25.84		27.00		25.98		27.00		28.92		30.00
100		270	0		26.18		27.00		26.33		27.00		29.27		30.00
100	QPSK	1	1		26.19		27.00		26.31		27.00		29.26		30.00
100		1	137		25.79		27.00		25.96		27.00		28.89		30.00
100		1	271		25.91		27.00		26.21		27.00		29.07		30.00
100		135	0		26.01		27.00		26.17		27.00		29.10		30.00
100		135	69		25.82		27.00		25.99		27.00		28.92		30.00
100		135	138		25.81		27.00		26.01		27.00		28.92		30.00
100		270	0		25.89		27.00		26.02		27.00		28.97		30.00
100	16QAM	1	1		26.14		27.00		26.39		27.00		29.28		30.00
100	64QAM	1	1		25.46		26.00		25.52		26.00		28.50		29.00
100	256QAM	1	1		22.84		24.00		23.53		24.00		26.21		27.00

<FR1 n77 (27Q)_HPUE_Ant 4+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	23.43	23.52	23.50	24.00	23.31	23.39	23.35	24.00	26.38	26.47	26.44	27.00
100		1	137	23.12	23.34	23.22	24.00	22.93	23.05	23.00	24.00	26.04	26.21	26.12	27.00
100		1	271	23.31	23.42	23.35	24.00	22.95	23.07	22.98	24.00	26.14	26.26	26.18	27.00
100		135	0	23.25	23.40	23.30	24.00	22.83	23.04	22.88	24.00	26.06	26.23	26.11	27.00
100		135	69	23.41	23.48	23.39	24.00	23.32	23.34	23.29	24.00	26.38	26.42	26.35	27.00
100		135	138	23.20	23.37	23.20	24.00	22.84	23.02	22.90	24.00	26.03	26.21	26.06	27.00
100		270	0	23.23	23.41	23.34	24.00	23.08	23.30	23.22	24.00	26.17	26.37	26.29	27.00



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100	QPSK	1	1	23.28	23.43	23.32	24.00	23.05	23.26	23.11	24.00	26.18	26.36	26.23	27.00
100		1	137	23.13	23.31	23.19	24.00	22.83	22.96	22.78	24.00	25.99	26.15	26.00	27.00
100		1	271	23.28	23.42	23.38	24.00	22.91	23.10	22.94	24.00	26.11	26.27	26.18	27.00
100		135	0	23.19	23.37	23.34	24.00	22.81	23.03	22.86	24.00	26.01	26.21	26.12	27.00
100		135	69	23.11	23.27	23.14	24.00	22.82	22.99	22.83	24.00	25.98	26.14	26.00	27.00
100		135	138	23.19	23.31	23.19	24.00	22.80	22.98	22.89	24.00	26.01	26.16	26.05	27.00
100		270	0	23.16	23.32	23.18	24.00	22.90	23.03	22.95	24.00	26.04	26.19	26.08	27.00
100	16QAM	1	1	23.29	23.44	23.27	24.00	23.06	23.19	23.12	24.00	26.19	26.33	26.21	27.00
100	64QAM	1	1	23.33	23.45	23.30	24.00	22.25	22.38	22.21	23.00	25.83	25.96	25.80	26.50
100	256QAM	1	1	23.11	23.32	23.28	24.00	20.13	20.32	20.14	21.00	24.88	25.08	25.00	25.80

<FR1 n77 (270) PC1.5_Ant 4+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	3750	650000	656000	662000	3750	650000	656000	662000	3750
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	26.39	26.44	26.43	27.00	26.45	26.53	26.46	27.00	29.43	29.50	29.46	30.00
100		1	137	26.18	26.36	26.32	27.00	25.99	26.14	26.03	27.00	29.10	29.26	29.19	30.00
100		1	271	26.31	26.42	26.30	27.00	26.05	26.24	26.14	27.00	29.19	29.34	29.23	30.00
100		135	0	26.16	26.31	26.18	27.00	26.02	26.20	26.05	27.00	29.10	29.27	29.13	30.00
100		135	69	26.31	26.38	26.33	27.00	26.45	26.49	26.47	27.00	29.39	29.45	29.41	30.00
100		135	138	26.13	26.31	26.25	27.00	26.07	26.24	26.03	27.00	29.11	29.29	29.15	30.00
100		270	0	26.17	26.35	26.21	27.00	26.31	26.43	26.27	27.00	29.25	29.40	29.25	30.00
100	QPSK	1	1	26.20	26.32	26.26	27.00	26.23	26.41	26.23	27.00	29.23	29.38	29.26	30.00
100		1	137	26.21	26.30	26.23	27.00	25.96	26.14	25.98	27.00	29.10	29.23	29.12	30.00
100		1	271	26.37	26.46	26.32	27.00	26.14	26.24	26.06	27.00	29.27	29.36	29.20	30.00
100		135	0	26.31	26.39	26.33	27.00	26.08	26.24	26.11	27.00	29.21	29.33	29.23	30.00
100		135	69	26.21	26.27	26.19	27.00	26.05	26.19	26.05	27.00	29.14	29.24	29.13	30.00
100		135	138	26.21	26.30	26.19	27.00	26.01	26.14	25.96	27.00	29.12	29.23	29.09	30.00
100		270	0	26.25	26.33	26.25	27.00	26.07	26.26	26.15	27.00	29.17	29.31	29.21	30.00
100	16QAM	1	1	26.15	26.28	26.25	27.00	26.17	26.35	26.22	27.00	29.17	29.33	29.25	30.00
100	64QAM	1	1	25.46	25.58	25.45	26.00	25.41	25.52	25.36	26.00	28.45	28.56	28.42	29.00
100	256QAM	1	1	23.48	23.60	23.45	24.00	23.33	23.52	23.41	24.00	26.42	26.57	26.44	27.00

<FR1 n78 (270) HPUE_Ant 4+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		3499.98		633332		3499.98		633332		3499.98
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		23.27		24.00		23.45		24.00		26.37		27.00
100		1	137		22.87		24.00		22.95		24.00		25.92		27.00
100		1	271		22.99		24.00		23.17		24.00		26.09		27.00
100		135	0		23.15		24.00		23.07		23.50		26.12		26.80
100		135	69		23.20		24.00		23.42		24.00		26.32		27.00
100		135	138		22.97		24.00		22.88		23.50		25.94		26.80



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100		270	0		23.16		24.00		23.06		23.50		26.12		26.80
100	QPSK	1	1		23.26		24.00		23.23		24.00		26.26		27.00
100		1	137		22.86		24.00		22.67		24.00		25.78		27.00
100		1	271		23.04		24.00		23.00		24.00		26.03		27.00
100		135	0		23.03		24.00		23.02		23.50		26.04		26.80
100		135	69		22.81		24.00		22.73		24.00		25.78		27.00
100		135	138		22.87		24.00		22.69		23.50		25.79		26.80
100		270	0		23.03		24.00		22.80		23.50		25.93		26.80
100		270	0		23.03		24.00		22.80		23.50		25.93		26.80
100	16QAM	1	1		23.21		24.00		22.93		23.50		26.08		26.80
100	64QAM	1	1		23.20		24.00		22.15		23.00		25.72		26.50
100	256QAM	1	1		22.40		23.00		20.13		21.00		24.42		25.10

<FR1 n78 (27Q)_PC1.5_Ant 4+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		26.24		27.00		26.47		27.00		29.37		30.00
100		1	137		25.93		27.00		26.04		27.00		29.00		30.00
100		1	271		26.01		27.00		26.13		27.00		29.08		30.00
100		135	0		26.05		27.00		26.11		27.00		29.09		30.00
100		135	69		26.16		27.00		26.42		27.00		29.30		30.00
100		135	138		25.89		27.00		26.05		27.00		28.98		30.00
100		270	0		26.03		27.00		26.08		27.00		29.07		30.00
100		270	0		26.03		27.00		26.08		27.00		29.07		30.00
100	QPSK	1	1		26.22		27.00		26.34		27.00		29.29		30.00
100		1	137		25.82		27.00		25.82		27.00		28.83		30.00
100		1	271		26.00		27.00		26.09		27.00		29.06		30.00
100		135	0		26.05		27.00		25.98		27.00		29.03		30.00
100		135	69		25.85		27.00		25.91		27.00		28.89		30.00
100		135	138		25.88		27.00		25.94		27.00		28.92		30.00
100		270	0		25.99		27.00		25.93		27.00		28.97		30.00
100		270	0		25.99		27.00		25.93		27.00		28.97		30.00
100	16QAM	1	1		26.10		27.00		26.32		27.00		29.22		30.00
100	64QAM	1	1		24.61		26.00		25.08		26.00		27.86		29.00
100	256QAM	1	1		22.32		24.00		22.23		24.00		25.29		27.00

<FR1 n78 (27Q)_HPUE_Ant 4+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		23.18		24.00		23.29		24.00		26.25		27.00
100		1	137		23.03		24.00		23.03		24.00		26.04		27.00
100		1	271		23.16		24.00		23.26		24.00		26.22		27.00
100		135	0		23.07		24.00		23.09		24.00		26.09		27.00
100		135	69		23.14		24.00		23.25		24.00		26.21		27.00



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100		135	138		23.10		24.00		23.05		24.00		26.09		27.00
100		270	0		23.13		24.00		23.18		24.00		26.17		27.00
100		1	1		23.15		24.00		23.04		24.00		26.11		27.00
100		1	137		23.04		24.00		22.97		24.00		26.02		27.00
100		1	271		23.05		24.00		23.23		24.00		26.15		27.00
100	QPSK	135	0		23.05		24.00		22.96		24.00		26.02		27.00
100		135	69		23.02		24.00		22.95		24.00		26.00		27.00
100		135	138		23.05		24.00		23.04		24.00		26.06		27.00
100		270	0		23.14		24.00		22.95		24.00		26.06		27.00
100	16QAM	1	1		23.06		24.00		23.03		24.00		26.06		27.00
100	64QAM	1	1		23.10		24.00		22.24		23.00		25.70		26.50
100	256QAM	1	1		22.28		23.00		20.16		21.00		24.36		25.10

<FR1 n78 (270)_PC1.5_Ant 4+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100		1	1		26.23		27.00		26.32		27.00		29.29		30.00
100		1	137		26.05		27.00		25.99		27.00		29.03		30.00
100		1	271		26.16		27.00		26.29		27.00		29.24		30.00
100	PI/2 BPSK	135	0		26.03		27.00		26.17		27.00		29.11		30.00
100		135	69		26.19		27.00		26.30		27.00		29.26		30.00
100		135	138		26.02		27.00		26.14		27.00		29.09		30.00
100		270	0		26.15		27.00		26.25		27.00		29.21		30.00
100		1	1		26.12		27.00		26.12		27.00		29.13		30.00
100		1	137		25.88		27.00		26.03		27.00		28.97		30.00
100		1	271		26.12		27.00		26.19		27.00		29.17		30.00
100	QPSK	135	0		25.97		27.00		25.96		27.00		28.98		30.00
100		135	69		25.95		27.00		25.89		27.00		28.93		30.00
100		135	138		26.03		27.00		25.97		27.00		29.01		30.00
100		270	0		26.00		27.00		26.07		27.00		29.05		30.00
100	16QAM	1	1		26.14		27.00		26.08		27.00		29.12		30.00
100	64QAM	1	1		24.83		26.00		24.74		25.50		27.80		28.80
100	256QAM	1	1		22.86		24.00		22.24		23.50		25.57		26.80

<FR1 n48_Ant 6+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40		1	1	20.38	20.43	20.35	21.00	20.10	20.15	20.13	21.00	23.25	23.30	23.25	24.00
40	PI/2 BPSK	1	53	20.13	20.30	20.12	21.00	19.80	19.99	19.95	21.00	22.98	23.16	23.05	24.00
40		1	104	20.21	20.40	20.28	21.00	20.04	20.11	20.01	21.00	23.14	23.27	23.16	24.00
40		50	0	20.24	20.38	20.25	21.00	19.88	20.00	19.87	21.00	23.07	23.20	23.07	24.00



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40		50	28	20.36	20.40	20.33	21.00	20.08	20.11	20.06	21.00	23.23	23.27	23.21	24.00
40		50	56	20.20	20.39	20.28	21.00	19.80	19.95	19.86	21.00	23.01	23.19	23.09	24.00
40		100	0	20.27	20.39	20.22	21.00	19.91	20.04	19.87	21.00	23.10	23.23	23.06	24.00
40	QPSK	1	1	20.11	20.30	20.18	21.00	19.81	19.87	19.71	21.00	22.97	23.10	22.96	24.00
40		1	53	20.12	20.28	20.06	21.00	19.68	19.87	19.82	21.00	22.92	23.09	22.95	24.00
40		1	104	20.32	20.38	20.17	21.00	19.72	19.87	19.76	21.00	23.04	23.14	22.98	24.00
40		50	0	20.17	20.30	20.10	21.00	19.80	19.96	19.82	21.00	23.00	23.14	22.97	24.00
40		50	28	20.18	20.34	20.25	21.00	19.65	19.84	19.81	21.00	22.93	23.11	23.05	24.00
40		50	56	20.15	20.25	20.10	21.00	19.62	19.81	19.71	21.00	22.90	23.05	22.92	24.00
40		100	0	20.28	20.37	20.16	21.00	19.77	19.89	19.78	21.00	23.04	23.15	22.98	24.00
40	16QAM	1	1	20.09	20.26	20.11	21.00	19.70	19.84	19.74	21.00	22.91	23.07	22.94	24.00
40	64QAM	1	1	19.26	19.42	19.23	20.00	18.97	19.04	18.97	20.00	22.13	22.24	22.11	23.00
40	256QAM	1	1	17.33	17.46	17.32	18.00	16.97	17.05	16.99	18.00	20.16	20.27	20.17	21.00

<FR1 n77 (27Q) HPUE_Ant 6+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		23.34		24.00		23.48		24.00		26.42		27.00
100		1	137		22.71		24.00		22.97		24.00		25.85		27.00
100		1	271		23.05		24.00		23.17		24.00		26.12		27.00
100		135	0		22.97		24.00		23.20		24.00		26.10		27.00
100		135	69		23.24		24.00		23.40		24.00		26.33		27.00
100		135	138		22.72		24.00		23.01		24.00		25.88		27.00
100		270	0		23.09		24.00		23.35		24.00		26.23		27.00
100	QPSK	1	1		23.14		24.00		23.37		24.00		26.27		27.00
100		1	137		22.77		24.00		22.95		24.00		25.87		27.00
100		1	271		23.01		24.00		23.15		24.00		26.09		27.00
100		135	0		23.00		24.00		23.15		24.00		26.09		27.00
100		135	69		22.81		24.00		23.02		24.00		25.93		27.00
100		135	138		22.78		24.00		22.94		24.00		25.87		27.00
100		270	0		22.90		24.00		23.04		24.00		25.98		27.00
100	16QAM	1	1		23.12		24.00		23.36		24.00		26.25		27.00
100	64QAM	1	1		23.14		24.00		22.56		23.00		25.87		26.50
100	256QAM	1	1		23.25		24.00		20.44		21.00		25.08		25.80

<FR1 n77 (27Q) PC1.5_Ant 6+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		26.36		27.00		26.43		27.00		29.41		30.00
100		1	137		25.70		27.00		26.04		27.00		28.88		30.00
100		1	271		25.95		27.00		26.18		27.00		29.08		30.00



100		135	0		26.06		27.00		26.13		27.00		29.11		30.00
100		135	69		26.16		27.00		26.39		27.00		29.29		30.00
100		135	138		25.73		27.00		25.98		27.00		28.87		30.00
100		270	0		26.09		27.00		26.33		27.00		29.22		30.00
100	QPSK	1	1		26.31		27.00		26.31		27.00		29.32		30.00
100		1	137		25.73		27.00		25.96		27.00		28.86		30.00
100		1	271		25.93		27.00		26.21		27.00		29.08		30.00
100		135	0		25.88		27.00		26.17		27.00		29.04		30.00
100		135	69		25.80		27.00		25.99		27.00		28.91		30.00
100		135	138		25.78		27.00		26.01		27.00		28.91		30.00
100		270	0		25.91		27.00		26.02		27.00		28.98		30.00
100	16QAM	1	1		26.13		27.00		26.39		27.00		29.27		30.00
100	64QAM	1	1		24.79		26.00		25.52		26.00		28.18		29.00
100	256QAM	1	1		23.03		24.00		23.53		24.00		26.30		27.00

<FR1 n77 (270) _HPUE_Ant 6+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	23.36	23.40	23.32	24.00	23.31	23.39	23.35	24.00	26.35	26.41	26.35	27.00
100		1	137	22.94	23.12	22.94	24.00	22.93	23.05	23.00	24.00	25.95	26.10	25.98	27.00
100		1	271	23.13	23.26	23.13	24.00	22.95	23.07	22.98	24.00	26.05	26.18	26.07	27.00
100		135	0	23.16	23.21	23.01	24.00	22.83	23.04	22.88	24.00	26.01	26.14	25.96	27.00
100		135	69	23.30	23.34	23.28	24.00	23.32	23.34	23.29	24.00	26.32	26.35	26.30	27.00
100		135	138	22.95	23.11	22.93	24.00	22.84	23.02	22.90	24.00	25.91	26.08	25.93	27.00
100		270	0	23.14	23.32	23.14	24.00	23.08	23.30	23.22	24.00	26.12	26.32	26.19	27.00
100	QPSK	1	1	23.28	23.38	23.18	24.00	23.05	23.26	23.11	24.00	26.18	26.33	26.16	27.00
100		1	137	22.92	23.08	22.88	24.00	22.83	22.96	22.78	24.00	25.89	26.03	25.84	27.00
100		1	271	23.00	23.17	23.07	24.00	22.91	23.10	22.94	24.00	25.97	26.15	26.02	27.00
100		135	0	23.04	23.22	23.02	24.00	22.81	23.03	22.86	24.00	25.94	26.14	25.95	27.00
100		135	69	22.91	23.04	22.83	24.00	22.82	22.99	22.83	24.00	25.88	26.03	25.84	27.00
100		135	138	22.87	23.04	22.90	24.00	22.80	22.98	22.89	24.00	25.85	26.02	25.91	27.00
100		270	0	23.08	23.13	22.93	24.00	22.90	23.03	22.95	24.00	26.00	26.09	25.95	27.00
100	16QAM	1	1	23.23	23.31	23.09	24.00	23.06	23.19	23.12	24.00	26.16	26.26	26.12	27.00
100	64QAM	1	1	23.28	23.35	23.22	24.00	22.25	22.38	22.21	23.00	25.81	25.90	25.75	26.50
100	256QAM	1	1	23.07	23.21	23.08	24.00	20.13	20.32	20.14	21.00	24.85	25.01	24.86	25.80

<FR1 n77 (270) _PC1.5_Ant 6+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	26.44	26.46	26.41	27.00	26.45	26.53	26.46	27.00	29.46	29.51	29.45	30.00
100		1	137	26.07	26.15	26.06	27.00	25.99	26.14	26.03	27.00	29.04	29.16	29.06	30.00



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100		1	271	26.20	26.26	26.14	27.00	26.05	26.24	26.14	27.00	29.14	29.26	29.15	30.00
100		135	0	25.92	26.03	25.85	27.00	26.02	26.20	26.05	27.00	28.98	29.13	28.96	30.00
100		135	69	26.38	26.41	26.35	27.00	26.45	26.49	26.47	27.00	29.43	29.46	29.42	30.00
100		135	138	26.06	26.14	26.01	27.00	26.07	26.24	26.03	27.00	29.08	29.20	29.03	30.00
100		270	0	26.33	26.39	26.26	27.00	26.31	26.43	26.27	27.00	29.33	29.42	29.28	30.00
100		1	1	26.25	26.35	26.15	27.00	26.23	26.41	26.23	27.00	29.25	29.39	29.20	30.00
100		1	137	26.03	26.15	25.96	27.00	25.96	26.14	25.98	27.00	29.01	29.16	28.98	30.00
100		1	271	26.23	26.32	26.23	27.00	26.14	26.24	26.06	27.00	29.20	29.29	29.16	30.00
100	QPSK	135	0	25.89	26.01	25.83	27.00	26.08	26.24	26.11	27.00	29.00	29.14	28.98	30.00
100		135	69	26.11	26.17	26.01	27.00	26.05	26.19	26.05	27.00	29.09	29.19	29.04	30.00
100		135	138	25.87	26.00	25.87	27.00	26.01	26.14	25.96	27.00	28.95	29.08	28.93	30.00
100		270	0	26.12	26.23	26.13	27.00	26.07	26.26	26.15	27.00	29.11	29.26	29.15	30.00
100	16QAM	1	1	26.15	26.26	26.09	27.00	26.17	26.35	26.22	27.00	29.17	29.32	29.17	30.00
100	64QAM	1	1	24.93	25.06	24.88	26.00	25.41	25.52	25.36	26.00	28.19	28.31	28.14	29.00
100	256QAM	1	1	23.09	23.17	23.08	24.00	23.33	23.52	23.41	24.00	26.22	26.36	26.26	27.00

<FR1 n78 (27Q)_HPUE_Ant 6+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100		1	1		23.31		24.00		23.45		24.00		26.39		27.00
100		1	137		22.85		24.00		22.95		24.00		25.91		27.00
100		1	271		23.10		24.00		23.17		24.00		26.15		27.00
100	PI/2 BPSK	135	0		23.12		24.00		23.07		23.50		26.11		26.80
100		135	69		23.29		24.00		23.42		24.00		26.37		27.00
100		135	138		22.82		24.00		22.88		23.50		25.86		26.80
100		270	0		23.05		24.00		23.06		23.50		26.07		26.80
100		1	1		22.97		24.00		23.23		24.00		26.11		27.00
100		1	137		22.66		24.00		22.67		24.00		25.68		27.00
100		1	271		23.06		24.00		23.00		24.00		26.04		27.00
100	QPSK	135	0		23.04		24.00		23.02		23.50		26.04		26.80
100		135	69		22.82		24.00		22.73		24.00		25.79		27.00
100		135	138		22.81		24.00		22.69		23.50		25.76		26.80
100		270	0		22.90		24.00		22.80		23.50		25.86		26.80
100	16QAM	1	1		23.24		24.00		22.93		23.50		26.10		26.80
100	64QAM	1	1		23.23		24.00		22.15		23.00		25.73		26.50
100	256QAM	1	1		22.41		24.00		20.13		21.00		24.43		25.80



<FR1 n78 (27Q)_PC1.5_Ant 6+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		26.33		27.00		26.47		27.00		29.41		30.00
100		1	137		25.84		27.00		26.04		27.00		28.95		30.00
100		1	271		26.10		27.00		26.13		27.00		29.13		30.00
100		135	0		26.06		27.00		26.11		27.00		29.10		30.00
100		135	69		26.18		27.00		26.42		27.00		29.31		30.00
100		135	138		25.77		27.00		26.05		27.00		28.92		30.00
100		270	0		26.02		27.00		26.08		27.00		29.06		30.00
100	QPSK	1	1		26.22		27.00		26.34		27.00		29.29		30.00
100		1	137		25.70		27.00		25.82		27.00		28.77		30.00
100		1	271		25.98		27.00		26.09		27.00		29.05		30.00
100		135	0		26.03		27.00		25.98		27.00		29.02		30.00
100		135	69		25.76		27.00		25.91		27.00		28.85		30.00
100		135	138		25.79		27.00		25.94		27.00		28.88		30.00
100		270	0		25.91		27.00		25.93		27.00		28.93		30.00
100	16QAM	1	1		26.16		27.00		26.32		27.00		29.25		30.00
100	64QAM	1	1		24.86		26.00		25.08		26.00		27.98		29.00
100	256QAM	1	1		22.14		24.00		22.23		24.00		25.20		27.00

<FR1 n78 (27Q)_HPUE_Ant 6+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		23.37		24.00		23.29		24.00		26.34		27.00
100		1	137		23.12		24.00		23.03		24.00		26.09		27.00
100		1	271		23.33		24.00		23.26		24.00		26.31		27.00
100		135	0		23.11		24.00		23.09		24.00		26.11		27.00
100		135	69		23.35		24.00		23.25		24.00		26.31		27.00
100		135	138		23.12		24.00		23.05		24.00		26.10		27.00
100		270	0		23.33		24.00		23.18		24.00		26.27		27.00
100	QPSK	1	1		23.20		24.00		23.04		24.00		26.13		27.00
100		1	137		23.01		24.00		22.97		24.00		26.00		27.00
100		1	271		23.26		24.00		23.23		24.00		26.26		27.00
100		135	0		23.12		24.00		22.96		24.00		26.05		27.00
100		135	69		23.06		24.00		22.95		24.00		26.02		27.00
100		135	138		23.11		24.00		23.04		24.00		26.09		27.00
100		270	0		23.13		24.00		22.95		24.00		26.05		27.00
100	16QAM	1	1		23.18		24.00		23.03		24.00		26.12		27.00
100	64QAM	1	1		23.17		24.00		22.24		23.00		25.74		26.50



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100	256QAM	1	1		22.36		23.00		20.16		21.00		24.41		25.10
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<FR1 n78 (270)_PC1.5_Ant 6+8_Full Power>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		26.40		27.00		26.32		27.00		29.37		30.00
100		1	137		26.27		27.00		25.99		27.00		29.14		30.00
100		1	271		26.29		27.00		26.29		27.00		29.30		30.00
100		135	0		26.21		27.00		26.17		27.00		29.20		30.00
100		135	69		26.36		27.00		26.30		27.00		29.34		30.00
100		135	138		26.28		27.00		26.14		27.00		29.22		30.00
100		270	0		26.33		27.00		26.25		27.00		29.30		30.00
100	QPSK	1	1		26.34		27.00		26.12		27.00		29.24		30.00
100		1	137		26.21		27.00		26.03		27.00		29.13		30.00
100		1	271		26.31		27.00		26.19		27.00		29.26		30.00
100		135	0		26.24		27.00		25.96		27.00		29.11		30.00
100		135	69		26.22		27.00		25.89		27.00		29.07		30.00
100		135	138		26.19		27.00		25.97		27.00		29.09		30.00
100		270	0		26.10		27.00		26.07		27.00		29.10		30.00
100	16QAM	1	1		25.89		27.00		26.08		27.00		29.00		30.00
100	64QAM	1	1		24.56		26.00		24.74		25.50		27.66		28.80
100	256QAM	1	1		22.98		24.00		22.24		23.50		25.64		26.80

<FR1 n48_Ant 4+8_DS12>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.18	20.21	20.20	21.00	20.10	20.15	20.13	21.00	23.15	23.19	23.18	24.00
40		1	53	19.97	20.11	20.04	21.00	19.80	19.99	19.95	21.00	22.90	23.06	23.01	24.00
40		1	104	20.11	20.17	20.02	21.00	20.04	20.11	20.01	21.00	23.09	23.15	23.03	24.00
40		50	0	20.00	20.14	20.02	21.00	19.88	20.00	19.87	21.00	22.95	23.08	22.96	24.00
40		50	28	20.17	20.19	20.16	21.00	20.08	20.11	20.06	21.00	23.14	23.16	23.12	24.00
40		50	56	19.96	20.13	20.09	21.00	19.80	19.95	19.86	21.00	22.89	23.05	22.99	24.00
40		100	0	20.02	20.17	20.12	21.00	19.91	20.04	19.87	21.00	22.98	23.12	23.01	24.00
40	QPSK	1	1	20.02	20.11	20.08	21.00	19.81	19.87	19.71	21.00	22.93	23.00	22.91	24.00
40		1	53	20.04	20.09	20.05	21.00	19.68	19.87	19.82	21.00	22.87	22.99	22.95	24.00
40		1	104	20.02	20.13	20.11	21.00	19.72	19.87	19.76	21.00	22.88	23.01	22.95	24.00
40		50	0	20.04	20.11	20.09	21.00	19.80	19.96	19.82	21.00	22.93	23.05	22.97	24.00
40		50	28	19.96	20.08	19.92	21.00	19.65	19.84	19.81	21.00	22.82	22.97	22.88	24.00
40		50	56	20.04	20.12	19.96	21.00	19.62	19.81	19.71	21.00	22.85	22.98	22.85	24.00
40		100	0	20.04	20.18	20.09	21.00	19.77	19.89	19.78	21.00	22.92	23.05	22.95	24.00
40	16QAM	1	1	19.97	20.03	19.95	21.00	19.70	19.84	19.74	21.00	22.85	22.95	22.86	24.00



40	64QAM	1	1	19.09	19.25	19.11	20.00	18.97	19.04	18.97	20.00	22.04	22.16	22.05	23.00
40	256QAM	1	1	17.15	17.25	17.19	18.00	16.97	17.05	16.99	18.00	20.07	20.16	20.10	21.00

<FR1 n77 (27Q) HPUE_Ant 4+8_DSI2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		20.92		21.70		20.92		21.70		23.93		24.70
100		1	137		20.83		21.70		20.83		21.70		23.84		24.70
100		1	271		20.69		21.70		20.69		21.70		23.70		24.70
100		135	0		20.75		21.70		20.75		21.70		23.76		24.70
100		135	69		20.88		21.70		20.88		21.70		23.89		24.70
100		135	138		20.69		21.70		20.69		21.70		23.70		24.70
100		270	0		20.84		21.70		20.84		21.70		23.85		24.70
100	QPSK	1	1		20.73		21.70		20.73		21.70		23.74		24.70
100		1	137		20.73		21.70		20.73		21.70		23.74		24.70
100		1	271		20.65		21.70		20.65		21.70		23.66		24.70
100		135	0		20.75		21.70		20.75		21.70		23.76		24.70
100		135	69		20.64		21.70		20.64		21.70		23.65		24.70
100		135	138		20.83		21.70		20.83		21.70		23.84		24.70
100		270	0		20.69		21.70		20.69		21.70		23.70		24.70
100	16QAM	1	1		20.70		21.70		20.70		21.70		23.71		24.70
100	64QAM	1	1		20.73		21.70		20.73		21.70		23.74		24.70
100	256QAM	1	1		20.44		21.00		20.44		21.00		23.45		24.00

<FR1 n77 (27Q) PC1.5_Ant 4+8_DSI2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		23.92		24.70		23.92		24.70		26.93		27.70
100		1	137		23.82		24.70		23.82		24.70		26.83		27.70
100		1	271		23.77		24.70		23.77		24.70		26.78		27.70
100		135	0		23.75		24.70		23.75		24.70		26.76		27.70
100		135	69		23.87		24.70		23.87		24.70		26.88		27.70
100		135	138		23.69		24.70		23.69		24.70		26.70		27.70
100		270	0		23.82		24.70		23.82		24.70		26.83		27.70
100	QPSK	1	1		23.63		24.70		23.63		24.70		26.64		27.70
100		1	137		23.63		24.70		23.63		24.70		26.64		27.70
100		1	271		23.59		24.70		23.59		24.70		26.60		27.70
100		135	0		23.78		24.70		23.78		24.70		26.79		27.70
100		135	69		23.74		24.70		23.74		24.70		26.75		27.70
100		135	138		23.65		24.70		23.65		24.70		26.66		27.70
100		270	0		23.63		24.70		23.63		24.70		26.64		27.70



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100	16QAM	1	1		23.63		24.70		23.63		24.70		26.64		27.70
100	64QAM	1	1		23.61		24.70		23.61		24.70		26.62		27.70
100	256QAM	1	1		23.53		24.00		23.53		24.00		26.54		27.00

<FR1 n77 (270)_HPUE_Ant 4+8_DSI2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	21.70	650000	656000	662000	21.70	650000	656000	662000	21.70
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	20.72	20.80	20.75	21.70	20.72	20.80	20.75	21.70	23.73	23.81	23.76	24.70
100		1	137	20.55	20.65	20.47	21.70	20.55	20.65	20.47	21.70	23.56	23.66	23.48	24.70
100		1	271	20.46	20.68	20.58	21.70	20.46	20.68	20.58	21.70	23.47	23.69	23.59	24.70
100		135	0	20.46	20.58	20.45	21.70	20.46	20.58	20.45	21.70	23.47	23.59	23.46	24.70
100		135	69	20.70	20.78	20.74	21.70	20.70	20.78	20.74	21.70	23.71	23.79	23.75	24.70
100		135	138	20.39	20.56	20.41	21.70	20.39	20.56	20.41	21.70	23.40	23.57	23.42	24.70
100		270	0	20.52	20.74	20.58	21.70	20.52	20.74	20.58	21.70	23.53	23.75	23.59	24.70
100	QPSK	1	1	20.55	20.77	20.70	21.70	20.55	20.77	20.70	21.70	23.56	23.78	23.71	24.70
100		1	137	20.38	20.61	20.46	21.70	20.38	20.61	20.46	21.70	23.39	23.62	23.47	24.70
100		1	271	20.63	20.73	20.64	21.70	20.63	20.73	20.64	21.70	23.64	23.74	23.65	24.70
100		135	0	20.57	20.79	20.63	21.70	20.57	20.79	20.63	21.70	23.58	23.80	23.64	24.70
100		135	69	20.48	20.62	20.54	21.70	20.48	20.62	20.54	21.70	23.49	23.63	23.55	24.70
100		135	138	20.59	20.70	20.59	21.70	20.59	20.70	20.59	21.70	23.60	23.71	23.60	24.70
100		270	0	20.38	20.55	20.48	21.70	20.38	20.55	20.48	21.70	23.39	23.56	23.49	24.70
100	16QAM	1	1	20.44	20.58	20.43	21.70	20.44	20.58	20.43	21.70	23.45	23.59	23.44	24.70
100	64QAM	1	1	20.40	20.57	20.38	21.70	20.40	20.57	20.38	21.70	23.41	23.58	23.39	24.70
100	256QAM	1	1	20.13	20.32	20.14	21.00	20.13	20.32	20.14	21.00	23.14	23.33	23.15	24.00

<FR1 n77 (270)_PC1.5_Ant 4+8_DSI2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	24.70	650000	656000	662000	24.70	650000	656000	662000	24.70
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	23.94	23.97	23.95	24.70	23.94	23.97	23.95	24.70	26.95	26.98	26.96	27.70
100		1	137	23.77	23.88	23.72	24.70	23.77	23.88	23.72	24.70	26.78	26.89	26.73	27.70
100		1	271	23.83	23.92	23.77	24.70	23.83	23.92	23.77	24.70	26.84	26.93	26.78	27.70
100		135	0	23.69	23.81	23.67	24.70	23.69	23.81	23.67	24.70	26.70	26.82	26.68	27.70
100		135	69	23.94	23.95	23.88	24.70	23.94	23.95	23.88	24.70	26.95	26.96	26.89	27.70
100		135	138	23.72	23.81	23.67	24.70	23.72	23.81	23.67	24.70	26.73	26.82	26.68	27.70
100		270	0	23.74	23.90	23.85	24.70	23.74	23.90	23.85	24.70	26.75	26.91	26.86	27.70
100	QPSK	1	1	23.77	23.92	23.81	24.70	23.77	23.92	23.81	24.70	26.78	26.93	26.82	27.70
100		1	137	23.63	23.75	23.71	24.70	23.63	23.75	23.71	24.70	26.64	26.76	26.72	27.70
100		1	271	23.59	23.76	23.62	24.70	23.59	23.76	23.62	24.70	26.60	26.77	26.63	27.70
100		135	0	23.67	23.80	23.70	24.70	23.67	23.80	23.70	24.70	26.68	26.81	26.71	27.70
100		135	69	23.59	23.73	23.68	24.70	23.59	23.73	23.68	24.70	26.60	26.74	26.69	27.70
100		135	138	23.73	23.90	23.82	24.70	23.73	23.90	23.82	24.70	26.74	26.91	26.83	27.70
100		270	0	23.73	23.90	23.82	24.70	23.73	23.90	23.82	24.70	26.74	26.91	26.83	27.70



100		270	0	23.73	23.91	23.84	24.70	23.73	23.91	23.84	24.70	26.74	26.92	26.85	27.70
100	16QAM	1	1	23.55	23.70	23.58	24.70	23.55	23.70	23.58	24.70	26.56	26.71	26.59	27.70
100	64QAM	1	1	23.56	23.71	23.55	24.70	23.56	23.71	23.55	24.70	26.57	26.72	26.56	27.70
100	256QAM	1	1	23.33	23.52	23.41	24.00	23.33	23.52	23.41	24.00	26.34	26.53	26.42	27.00

<FR1 n78 (27Q)_HPUE_Ant 4+8_DSI2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		20.87		21.70		20.87		21.70		23.88		24.70
100		1	137		20.63		21.70		20.63		21.70		23.64		24.70
100		1	271		20.64		21.70		20.64		21.70		23.65		24.70
100		135	0		20.71		21.70		20.71		21.70		23.72		24.70
100		135	69		20.85		21.70		20.85		21.70		23.86		24.70
100		135	138		20.81		21.70		20.81		21.70		23.82		24.70
100		270	0		20.81		21.70		20.81		21.70		23.82		24.70
100	QPSK	1	1		20.68		21.70		20.68		21.70		23.69		24.70
100		1	137		20.65		21.70		20.65		21.70		23.66		24.70
100		1	271		20.59		21.70		20.59		21.70		23.60		24.70
100		135	0		20.76		21.70		20.76		21.70		23.77		24.70
100		135	69		20.63		21.70		20.63		21.70		23.64		24.70
100		135	138		20.60		21.70		20.60		21.70		23.61		24.70
100		270	0		20.67		21.70		20.67		21.70		23.68		24.70
100	16QAM	1	1		20.61		21.70		20.61		21.70		23.62		24.70
100	64QAM	1	1		20.73		21.70		20.73		21.70		23.74		24.70
100	256QAM	1	1		20.13		21.00		20.13		21.00		23.14		24.00

<FR1 n78 (27Q)_PC1.5_Ant 4+8_DSI2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		23.92		24.70		23.92		24.70		26.93		27.70
100		1	137		23.76		24.70		23.76		24.70		26.77		27.70
100		1	271		23.69		24.70		23.69		24.70		26.70		27.70
100		135	0		23.61		24.70		23.61		24.70		26.62		27.70
100		135	69		23.88		24.70		23.88		24.70		26.89		27.70
100		135	138		23.65		24.70		23.65		24.70		26.66		27.70
100		270	0		23.81		24.70		23.81		24.70		26.82		27.70
100	QPSK	1	1		23.66		24.70		23.66		24.70		26.67		27.70
100		1	137		23.67		24.70		23.67		24.70		26.68		27.70
100		1	271		23.74		24.70		23.74		24.70		26.75		27.70
100		135	0		23.81		24.70		23.81		24.70		26.82		27.70
100		135	69		23.61		24.70		23.61		24.70		26.62		27.70



100		135	138		23.64		24.70		23.64		24.70		26.65		27.70
100		270	0		23.67		24.70		23.67		24.70		26.68		27.70
100	16QAM	1	1		23.79		24.70		23.79		24.70		26.80		27.70
100	64QAM	1	1		23.67		24.70		23.67		24.70		26.68		27.70
100	256QAM	1	1		22.23		24.00		22.23		24.00		25.24		27.00

<FR1 n78 (270)_HPUE_Ant 4+8_DSI2>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		20.66		21.70		20.66		21.70		23.67		24.70
100		1	137		20.43		21.70		20.43		21.70		23.44		24.70
100		1	271		20.47		21.70		20.47		21.70		23.48		24.70
100		135	0		20.43		21.70		20.43		21.70		23.44		24.70
100		135	69		20.62		21.70		20.62		21.70		23.63		24.70
100		135	138		20.53		21.70		20.53		21.70		23.54		24.70
100		270	0		20.60		21.70		20.60		21.70		23.61		24.70
100	QPSK	1	1		20.63		21.70		20.63		21.70		23.64		24.70
100		1	137		20.65		21.70		20.65		21.70		23.66		24.70
100		1	271		20.62		21.70		20.62		21.70		23.63		24.70
100		135	0		20.53		21.70		20.53		21.70		23.54		24.70
100		135	69		20.65		21.70		20.65		21.70		23.66		24.70
100		135	138		20.54		21.70		20.54		21.70		23.55		24.70
100		270	0		20.64		21.70		20.64		21.70		23.65		24.70
100	16QAM	1	1		20.44		21.70		20.44		21.70		23.45		24.70
100	64QAM	1	1		20.64		21.70		20.64		21.70		23.65		24.70
100	256QAM	1	1		20.16		21.00		20.16		21.00		23.17		24.00

<FR1 n78 (270)_PC1.5_Ant 4+8_DSI2>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		23.68		24.70		23.68		24.70		26.69		27.70
100		1	137		23.57		24.70		23.57		24.70		26.58		27.70
100		1	271		23.61		24.70		23.61		24.70		26.62		27.70
100		135	0		23.47		24.70		23.47		24.70		26.48		27.70
100		135	69		23.67		24.70		23.67		24.70		26.68		27.70
100		135	138		23.50		24.70		23.50		24.70		26.51		27.70
100		270	0		23.64		24.70		23.64		24.70		26.65		27.70
100	QPSK	1	1		23.50		24.70		23.50		24.70		26.51		27.70
100		1	137		23.65		24.70		23.65		24.70		26.66		27.70
100		1	271		23.51		24.70		23.51		24.70		26.52		27.70
100		135	0		23.48		24.70		23.48		24.70		26.49		27.70



100		135	69		23.56		24.70		23.56		24.70		26.57		27.70
100		135	138		23.67		24.70		23.67		24.70		26.68		27.70
100		270	0		23.63		24.70		23.63		24.70		26.64		27.70
100	16QAM	1	1		23.49		24.70		23.49		24.70		26.50		27.70
100	64QAM	1	1		23.58		24.70		23.58		24.70		26.59		27.70
100	256QAM	1	1		22.24		23.50		22.24		23.50		25.25		26.50

<FR1 n48_Ant 6+8_DSI2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.38	20.43	20.35	21.00	20.10	20.15	20.13	21.00	23.25	23.30	23.25	24.00
40		1	53	20.13	20.30	20.12	21.00	19.80	19.99	19.95	21.00	22.98	23.16	23.05	24.00
40		1	104	20.21	20.40	20.28	21.00	20.04	20.11	20.01	21.00	23.14	23.27	23.16	24.00
40		50	0	20.24	20.38	20.25	21.00	19.88	20.00	19.87	21.00	23.07	23.20	23.07	24.00
40		50	28	20.36	20.40	20.33	21.00	20.08	20.11	20.06	21.00	23.23	23.27	23.21	24.00
40		50	56	20.20	20.39	20.28	21.00	19.80	19.95	19.86	21.00	23.01	23.19	23.09	24.00
40		100	0	20.27	20.39	20.22	21.00	19.91	20.04	19.87	21.00	23.10	23.23	23.06	24.00
40	QPSK	1	1	20.11	20.30	20.18	21.00	19.81	19.87	19.71	21.00	22.97	23.10	22.96	24.00
40		1	53	20.12	20.28	20.06	21.00	19.68	19.87	19.82	21.00	22.92	23.09	22.95	24.00
40		1	104	20.32	20.38	20.17	21.00	19.72	19.87	19.76	21.00	23.04	23.14	22.98	24.00
40		50	0	20.17	20.30	20.10	21.00	19.80	19.96	19.82	21.00	23.00	23.14	22.97	24.00
40		50	28	20.18	20.34	20.25	21.00	19.65	19.84	19.81	21.00	22.93	23.11	23.05	24.00
40		50	56	20.15	20.25	20.10	21.00	19.62	19.81	19.71	21.00	22.90	23.05	22.92	24.00
40		100	0	20.28	20.37	20.16	21.00	19.77	19.89	19.78	21.00	23.04	23.15	22.98	24.00
40	16QAM	1	1	20.09	20.26	20.11	21.00	19.70	19.84	19.74	21.00	22.91	23.07	22.94	24.00
40	64QAM	1	1	19.26	19.42	19.23	20.00	18.97	19.04	18.97	20.00	22.13	22.24	22.11	23.00
40	256QAM	1	1	17.33	17.46	17.32	18.00	16.97	17.05	16.99	18.00	20.16	20.27	20.17	21.00

<FR1 n77 (27Q) HPUE_Ant 6+8_DSI2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		20.84		21.70		20.92		21.70		23.89		24.70
100		1	137		20.75		21.70		20.83		21.70		23.80		24.70
100		1	271		20.62		21.70		20.69		21.70		23.67		24.70
100		135	0		20.65		21.70		20.75		21.70		23.71		24.70
100		135	69		20.76		21.70		20.88		21.70		23.83		24.70
100		135	138		20.62		21.70		20.69		21.70		23.67		24.70
100		270	0		20.77		21.70		20.84		21.70		23.82		24.70
100	QPSK	1	1		20.59		21.70		20.73		21.70		23.67		24.70
100		1	137		20.61		21.70		20.73		21.70		23.68		24.70
100		1	271		20.54		21.70		20.65		21.70		23.61		24.70



100		135	0		20.67		21.70		20.75		21.70		23.72		24.70
100		135	69		20.52		21.70		20.64		21.70		23.59		24.70
100		135	138		20.71		21.70		20.83		21.70		23.78		24.70
100		270	0		20.60		21.70		20.69		21.70		23.66		24.70
100	16QAM	1	1		20.58		21.70		20.70		21.70		23.65		24.70
100	64QAM	1	1		20.60		21.70		20.73		21.70		23.68		24.70
100	256QAM	1	1		20.30		21.00		20.44		21.00		23.38		24.00

<FR1 n77 (27Q)_PC1.5_Ant 6+8_DSI2>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		23.84		24.70		23.92		24.70		26.89		27.70
100		1	137		23.66		24.70		23.82		24.70		26.75		27.70
100		1	271		23.66		24.70		23.77		24.70		26.73		27.70
100		135	0		23.61		24.70		23.75		24.70		26.69		27.70
100		135	69		23.73		24.70		23.87		24.70		26.81		27.70
100		135	138		23.61		24.70		23.69		24.70		26.66		27.70
100		270	0		23.69		24.70		23.82		24.70		26.77		27.70
100	QPSK	1	1		23.49		24.70		23.63		24.70		26.57		27.70
100		1	137		23.50		24.70		23.63		24.70		26.58		27.70
100		1	271		23.48		24.70		23.59		24.70		26.55		27.70
100		135	0		23.62		24.70		23.78		24.70		26.71		27.70
100		135	69		23.63		24.70		23.74		24.70		26.70		27.70
100		135	138		23.59		24.70		23.65		24.70		26.63		27.70
100		270	0		23.53		24.70		23.63		24.70		26.59		27.70
100	16QAM	1	1		23.56		24.70		23.63		24.70		26.61		27.70
100	64QAM	1	1		23.48		24.70		23.61		24.70		26.56		27.70
100	256QAM	1	1		23.42		24.00		23.53		24.00		26.49		27.00



<FR1 n77 (270)_HPUE_Ant 6+8_DS12>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	20.64	20.72	20.63	21.70	20.72	20.80	20.75	21.70	23.69	23.77	23.70	24.70
100		1	137	20.45	20.51	20.38	21.70	20.55	20.65	20.47	21.70	23.51	23.59	23.44	24.70
100		1	271	20.38	20.60	20.50	21.70	20.46	20.68	20.58	21.70	23.43	23.65	23.55	24.70
100		135	0	20.31	20.43	20.36	21.70	20.46	20.58	20.45	21.70	23.40	23.52	23.42	24.70
100		135	69	20.60	20.71	20.62	21.70	20.70	20.78	20.74	21.70	23.66	23.76	23.69	24.70
100		135	138	20.28	20.46	20.31	21.70	20.39	20.56	20.41	21.70	23.35	23.52	23.37	24.70
100		270	0	20.39	20.63	20.51	21.70	20.52	20.74	20.58	21.70	23.47	23.70	23.56	24.70
100	QPSK	1	1	20.45	20.67	20.61	21.70	20.55	20.77	20.70	21.70	23.51	23.73	23.67	24.70
100		1	137	20.30	20.50	20.37	21.70	20.38	20.61	20.46	21.70	23.35	23.57	23.43	24.70
100		1	271	20.57	20.67	20.56	21.70	20.63	20.73	20.64	21.70	23.61	23.71	23.61	24.70
100		135	0	20.51	20.66	20.52	21.70	20.57	20.79	20.63	21.70	23.55	23.74	23.59	24.70
100		135	69	20.40	20.47	20.46	21.70	20.48	20.62	20.54	21.70	23.45	23.56	23.51	24.70
100		135	138	20.52	20.57	20.48	21.70	20.59	20.70	20.59	21.70	23.57	23.65	23.55	24.70
100		270	0	20.27	20.48	20.35	21.70	20.38	20.55	20.48	21.70	23.34	23.53	23.43	24.70
100	16QAM	1	1	20.33	20.46	20.29	21.70	20.44	20.58	20.43	21.70	23.40	23.53	23.37	24.70
100	64QAM	1	1	20.28	20.48	20.29	21.70	20.40	20.57	20.38	21.70	23.35	23.54	23.35	24.70
100	256QAM	1	1	20.07	20.17	20.04	21.00	20.13	20.32	20.14	21.00	23.11	23.26	23.10	24.00

<FR1 n77 (270)_PC1.5_Ant 6+8_DS12>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	23.79	23.89	23.80	24.70	23.94	23.97	23.95	24.70	26.88	26.94	26.89	27.70
100		1	137	23.68	23.78	23.59	24.70	23.77	23.88	23.72	24.70	26.74	26.84	26.67	27.70
100		1	271	23.74	23.79	23.66	24.70	23.83	23.92	23.77	24.70	26.80	26.87	26.73	27.70
100		135	0	23.63	23.72	23.57	24.70	23.69	23.81	23.67	24.70	26.67	26.78	26.63	27.70
100		135	69	23.80	23.88	23.79	24.70	23.94	23.95	23.88	24.70	26.88	26.93	26.85	27.70
100		135	138	23.57	23.66	23.54	24.70	23.72	23.81	23.67	24.70	26.66	26.75	26.62	27.70
100		270	0	23.65	23.76	23.69	24.70	23.74	23.90	23.85	24.70	26.71	26.84	26.78	27.70
100	QPSK	1	1	23.64	23.76	23.74	24.70	23.77	23.92	23.81	24.70	26.72	26.85	26.79	27.70
100		1	137	23.52	23.64	23.57	24.70	23.63	23.75	23.71	24.70	26.59	26.71	26.65	27.70
100		1	271	23.47	23.60	23.55	24.70	23.59	23.76	23.62	24.70	26.54	26.69	26.60	27.70
100		135	0	23.53	23.74	23.55	24.70	23.67	23.80	23.70	24.70	26.61	26.78	26.64	27.70
100		135	69	23.49	23.61	23.53	24.70	23.59	23.73	23.68	24.70	26.55	26.68	26.62	27.70
100		135	138	23.58	23.84	23.75	24.70	23.73	23.90	23.82	24.70	26.67	26.88	26.80	27.70
100		270	0	23.61	23.78	23.77	24.70	23.73	23.91	23.84	24.70	26.68	26.86	26.82	27.70
100	16QAM	1	1	23.43	23.54	23.46	24.70	23.55	23.70	23.58	24.70	26.50	26.63	26.53	27.70
100	64QAM	1	1	23.48	23.62	23.49	24.70	23.56	23.71	23.55	24.70	26.53	26.68	26.53	27.70



100	256QAM	1	1	23.27	23.38	23.33	24.00	23.33	23.52	23.41	24.00	26.31	26.46	26.38	27.00
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<FR1 n78 (27Q)_HPUE_Ant 6+8_DSI2>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		20.78		21.70		20.87		21.70		23.84		24.70
100		1	137		20.55		21.70		20.63		21.70		23.60		24.70
100		1	271		20.52		21.70		20.64		21.70		23.59		24.70
100		135	0		20.56		21.70		20.71		21.70		23.65		24.70
100		135	69		20.71		21.70		20.85		21.70		23.79		24.70
100		135	138		20.73		21.70		20.81		21.70		23.78		24.70
100		270	0		20.67		21.70		20.81		21.70		23.75		24.70
100	QPSK	1	1		20.58		21.70		20.68		21.70		23.64		24.70
100		1	137		20.52		21.70		20.65		21.70		23.60		24.70
100		1	271		20.45		21.70		20.59		21.70		23.53		24.70
100		135	0		20.66		21.70		20.76		21.70		23.72		24.70
100		135	69		20.49		21.70		20.63		21.70		23.57		24.70
100		135	138		20.51		21.70		20.60		21.70		23.57		24.70
100		270	0		20.51		21.70		20.67		21.70		23.60		24.70
100	16QAM	1	1		20.48		21.70		20.61		21.70		23.56		24.70
100	64QAM	1	1		20.58		21.70		20.73		21.70		23.67		24.70
100	256QAM	1	1		20.03		21.00		20.13		21.00		23.09		24.00

<FR1 n78 (27Q)_PC1.5_Ant 6+8_DSI2>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		23.77		24.70		23.92		24.70		26.86		27.70
100		1	137		23.65		24.70		23.76		24.70		26.72		27.70
100		1	271		23.55		24.70		23.69		24.70		26.63		27.70
100		135	0		23.55		24.70		23.61		24.70		26.59		27.70
100		135	69		23.77		24.70		23.88		24.70		26.84		27.70
100		135	138		23.56		24.70		23.65		24.70		26.62		27.70
100		270	0		23.72		24.70		23.81		24.70		26.78		27.70
100	QPSK	1	1		23.53		24.70		23.66		24.70		26.61		27.70
100		1	137		23.56		24.70		23.67		24.70		26.63		27.70
100		1	271		23.66		24.70		23.74		24.70		26.71		27.70
100		135	0		23.73		24.70		23.81		24.70		26.78		27.70
100		135	69		23.54		24.70		23.61		24.70		26.59		27.70
100		135	138		23.56		24.70		23.64		24.70		26.61		27.70
100		270	0		23.59		24.70		23.67		24.70		26.64		27.70
100	16QAM	1	1		23.64		24.70		23.79		24.70		26.73		27.70



100	64QAM	1	1		23.56		24.70		23.67		24.70		26.63		27.70
100	256QAM	1	1		22.16		24.00		22.23		24.00		25.21		27.00

<FR1 n78 (270)_HPUE_Ant 6+8_DSI2>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		20.50		21.70		20.66		21.70		23.59		24.70
100		1	137		20.35		21.70		20.43		21.70		23.40		24.70
100		1	271		20.36		21.70		20.47		21.70		23.43		24.70
100		135	0		20.30		21.70		20.43		21.70		23.38		24.70
100		135	69		20.52		21.70		20.62		21.70		23.58		24.70
100		135	138		20.45		21.70		20.53		21.70		23.50		24.70
100		270	0		20.49		21.70		20.60		21.70		23.56		24.70
100	QPSK	1	1		20.49		21.70		20.63		21.70		23.57		24.70
100		1	137		20.56		21.70		20.65		21.70		23.62		24.70
100		1	271		20.54		21.70		20.62		21.70		23.59		24.70
100		135	0		20.43		21.70		20.53		21.70		23.49		24.70
100		135	69		20.54		21.70		20.65		21.70		23.61		24.70
100		135	138		20.41		21.70		20.54		21.70		23.49		24.70
100		270	0		20.54		21.70		20.64		21.70		23.60		24.70
100	16QAM	1	1		20.34		21.70		20.44		21.70		23.40		24.70
100	64QAM	1	1		20.54		21.70		20.64		21.70		23.60		24.70
100	256QAM	1	1		20.00		21.00		20.16		21.00		23.09		24.00

<FR1 n78 (270)_PC1.5_Ant 6+8_DSI2>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		23.61		24.70		23.68		24.70		26.66		27.70
100		1	137		23.47		24.70		23.57		24.70		26.53		27.70
100		1	271		23.46		24.70		23.61		24.70		26.55		27.70
100		135	0		23.41		24.70		23.47		24.70		26.45		27.70
100		135	69		23.57		24.70		23.67		24.70		26.63		27.70
100		135	138		23.42		24.70		23.50		24.70		26.47		27.70
100		270	0		23.48		24.70		23.64		24.70		26.57		27.70
100	QPSK	1	1		23.38		24.70		23.50		24.70		26.45		27.70
100		1	137		23.57		24.70		23.65		24.70		26.62		27.70
100		1	271		23.44		24.70		23.51		24.70		26.49		27.70
100		135	0		23.34		24.70		23.48		24.70		26.42		27.70
100		135	69		23.43		24.70		23.56		24.70		26.51		27.70
100		135	138		23.60		24.70		23.67		24.70		26.65		27.70
100		270	0		23.48		24.70		23.63		24.70		26.57		27.70



100	16QAM	1	1		23.34		24.70		23.49		24.70		26.43		27.70
100	64QAM	1	1		23.51		24.70		23.58		24.70		26.56		27.70
100	256QAM	1	1		22.13		23.50		22.24		23.50		25.20		26.50

<FR1 n48_Ant 4+8_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.02	19.06	19.00	20.30	19.02	19.06	19.00	20.30	22.03	22.07	22.01	23.30
40		1	53	18.78	18.84	18.68	20.30	18.78	18.84	18.68	20.30	21.79	21.85	21.69	23.30
40		1	104	18.78	18.88	18.74	20.30	18.78	18.88	18.74	20.30	21.79	21.89	21.75	23.30
40		50	0	18.68	18.86	18.71	20.30	18.68	18.86	18.71	20.30	21.69	21.87	21.72	23.30
40		50	28	18.96	19.02	18.99	20.30	18.96	19.02	18.99	20.30	21.97	22.03	22.00	23.30
40		50	56	18.92	19.02	18.92	20.30	18.92	19.02	18.92	20.30	21.93	22.03	21.93	23.30
40		100	0	18.74	18.92	18.72	20.30	18.74	18.92	18.72	20.30	21.75	21.93	21.73	23.30
40	QPSK	1	1	18.76	18.91	18.74	20.30	18.76	18.91	18.74	20.30	21.77	21.92	21.75	23.30
40		1	53	18.89	19.03	18.87	20.30	18.89	19.03	18.87	20.30	21.90	22.04	21.88	23.30
40		1	104	18.88	18.96	18.84	20.30	18.88	18.96	18.84	20.30	21.89	21.97	21.85	23.30
40		50	0	18.72	18.86	18.66	20.30	18.72	18.86	18.66	20.30	21.73	21.87	21.67	23.30
40		50	28	18.86	18.95	18.79	20.30	18.86	18.95	18.79	20.30	21.87	21.96	21.80	23.30
40		50	56	18.84	18.99	18.80	20.30	18.84	18.99	18.80	20.30	21.85	22.00	21.81	23.30
40		100	0	18.75	18.85	18.77	20.30	18.75	18.85	18.77	20.30	21.76	21.86	21.78	23.30
40	16QAM	1	1	18.88	19.04	18.93	20.30	18.88	19.04	18.93	20.30	21.89	22.05	21.94	23.30
40	64QAM	1	1	18.81	18.90	18.82	20.30	18.81	18.90	18.82	20.30	21.82	21.91	21.83	23.30
40	256QAM	1	1	18.72	18.86	18.74	20.30	18.72	18.86	18.74	20.30	21.73	21.87	21.75	23.30

<FR1 n77 (27Q) HPUE_Ant 4+8_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		17.89		18.90		17.89		18.90		20.90		21.90
100		1	137		17.66		18.90		17.66		18.90		20.67		21.90
100		1	271		17.84		18.90		17.84		18.90		20.85		21.90
100		135	0		17.71		18.90		17.71		18.90		20.72		21.90
100		135	69		17.87		18.90		17.87		18.90		20.88		21.90
100		135	138		17.74		18.90		17.74		18.90		20.75		21.90
100		270	0		17.86		18.90		17.86		18.90		20.87		21.90
100	QPSK	1	1		17.74		18.90		17.74		18.90		20.75		21.90
100		1	137		17.67		18.90		17.67		18.90		20.68		21.90
100		1	271		17.70		18.90		17.70		18.90		20.71		21.90
100		135	0		17.67		18.90		17.67		18.90		20.68		21.90
100		135	69		17.68		18.90		17.68		18.90		20.69		21.90
100		135	138		17.72		18.90		17.72		18.90		20.73		21.90



100		270	0		17.68		18.90		17.68		18.90		20.69		21.90
100	16QAM	1	1		17.68		18.90		17.68		18.90		20.69		21.90
100	64QAM	1	1		17.82		18.90		17.82		18.90		20.83		21.90
100	256QAM	1	1		17.66		18.90		17.66		18.90		20.67		21.90

<FR1 n77 (27Q)_PC1.5_Ant 4+8_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		20.88		21.90		20.88		21.90		23.89		24.90
100		1	137		20.71		21.90		20.71		21.90		23.72		24.90
100		1	271		20.81		21.90		20.81		21.90		23.82		24.90
100		135	0		20.79		21.90		20.79		21.90		23.80		24.90
100		135	69		20.85		21.90		20.85		21.90		23.86		24.90
100		135	138		20.80		21.90		20.80		21.90		23.81		24.90
100		270	0		20.82		21.90		20.82		21.90		23.83		24.90
100	QPSK	1	1		20.71		21.90		20.71		21.90		23.72		24.90
100		1	137		20.65		21.90		20.65		21.90		23.66		24.90
100		1	271		20.68		21.90		20.68		21.90		23.69		24.90
100		135	0		20.63		21.90		20.63		21.90		23.64		24.90
100		135	69		20.68		21.90		20.68		21.90		23.69		24.90
100		135	138		20.83		21.90		20.83		21.90		23.84		24.90
100		270	0		20.68		21.90		20.68		21.90		23.69		24.90
100	16QAM	1	1		20.65		21.90		20.65		21.90		23.66		24.90
100	64QAM	1	1		20.78		21.90		20.78		21.90		23.79		24.90
100	256QAM	1	1		20.72		21.90		20.72		21.90		23.73		24.90

<FR1 n77 (27Q)_HPUE_Ant 4+8_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	17.74	17.80	17.77	18.90	17.74	17.80	17.77	18.90	20.75	20.81	20.78	21.90
100		1	137	17.42	17.56	17.45	18.90	17.42	17.56	17.45	18.90	20.43	20.57	20.46	21.90
100		1	271	17.61	17.79	17.74	18.90	17.61	17.79	17.74	18.90	20.62	20.80	20.75	21.90
100		135	0	17.68	17.77	17.65	18.90	17.68	17.77	17.65	18.90	20.69	20.78	20.66	21.90
100		135	69	17.73	17.79	17.75	18.90	17.73	17.79	17.75	18.90	20.74	20.80	20.76	21.90
100		135	138	17.42	17.55	17.46	18.90	17.42	17.55	17.46	18.90	20.43	20.56	20.47	21.90
100		270	0	17.61	17.74	17.65	18.90	17.61	17.74	17.65	18.90	20.62	20.75	20.66	21.90
100	QPSK	1	1	17.56	17.67	17.59	18.90	17.56	17.67	17.59	18.90	20.57	20.68	20.60	21.90
100		1	137	17.62	17.71	17.57	18.90	17.62	17.71	17.57	18.90	20.63	20.72	20.58	21.90
100		1	271	17.55	17.70	17.58	18.90	17.55	17.70	17.58	18.90	20.56	20.71	20.59	21.90
100		135	0	17.63	17.73	17.58	18.90	17.63	17.73	17.58	18.90	20.64	20.74	20.59	21.90
100		135	69	17.54	17.71	17.66	18.90	17.54	17.71	17.66	18.90	20.55	20.72	20.67	21.90



FCC SAR Test Report

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100		135	138	17.63	17.77	17.68	18.90	17.63	17.77	17.68	18.90	20.64	20.78	20.69	21.90
100		270	0	17.54	17.69	17.54	18.90	17.54	17.69	17.54	18.90	20.55	20.70	20.55	21.90
100	16QAM	1	1	17.62	17.71	17.60	18.90	17.62	17.71	17.60	18.90	20.63	20.72	20.61	21.90
100	64QAM	1	1	17.47	17.62	17.56	18.90	17.47	17.62	17.56	18.90	20.48	20.63	20.57	21.90
100	256QAM	1	1	17.58	17.67	17.55	18.90	17.58	17.67	17.55	18.90	20.59	20.68	20.56	21.90

<FR1 n77 (270)_PC1.5_Ant 4+8_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	20.91	20.98	20.96	21.90	20.91	20.98	20.96	21.90	23.92	23.99	23.97	24.90
100		1	137	20.72	20.87	20.84	21.90	20.72	20.87	20.84	21.90	23.73	23.88	23.85	24.90
100		1	271	20.67	20.81	20.66	21.90	20.67	20.81	20.66	21.90	23.68	23.82	23.67	24.90
100		135	0	20.53	20.71	20.61	21.90	20.53	20.71	20.61	21.90	23.54	23.72	23.62	24.90
100		135	69	20.95	20.97	20.92	21.90	20.95	20.97	20.92	21.90	23.96	23.98	23.93	24.90
100		135	138	20.59	20.75	20.64	21.90	20.59	20.75	20.64	21.90	23.60	23.76	23.65	24.90
100		270	0	20.75	20.92	20.85	21.90	20.75	20.92	20.85	21.90	23.76	23.93	23.86	24.90
100	QPSK	1	1	20.65	20.80	20.74	21.90	20.65	20.80	20.74	21.90	23.66	23.81	23.75	24.90
100		1	137	20.64	20.77	20.67	21.90	20.64	20.77	20.67	21.90	23.65	23.78	23.68	24.90
100		1	271	20.74	20.89	20.80	21.90	20.74	20.89	20.80	21.90	23.75	23.90	23.81	24.90
100		135	0	20.54	20.70	20.63	21.90	20.54	20.70	20.63	21.90	23.55	23.71	23.64	24.90
100		135	69	20.61	20.80	20.65	21.90	20.61	20.80	20.65	21.90	23.62	23.81	23.66	24.90
100		135	138	20.68	20.78	20.75	21.90	20.68	20.78	20.75	21.90	23.69	23.79	23.76	24.90
100		270	0	20.55	20.73	20.65	21.90	20.55	20.73	20.65	21.90	23.56	23.74	23.66	24.90
100	16QAM	1	1	20.51	20.71	20.55	21.90	20.51	20.71	20.55	21.90	23.52	23.72	23.56	24.90
100	64QAM	1	1	20.58	20.73	20.64	21.90	20.58	20.73	20.64	21.90	23.59	23.74	23.65	24.90
100	256QAM	1	1	20.69	20.81	20.70	21.90	20.69	20.81	20.70	21.90	23.70	23.82	23.71	24.90

<FR1 n78 (27Q)_HPUE_Ant 4+8_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		Tune-up Limit (dBm)		633332		Tune-up Limit (dBm)		633332		Tune-up Limit (dBm)
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		17.83		18.90		17.83		18.90		20.84		21.90
100		1	137		17.73		18.90		17.73		18.90		20.74		21.90
100		1	271		17.82		18.90		17.82		18.90		20.83		21.90
100		135	0		17.66		18.90		17.66		18.90		20.67		21.90
100		135	69		17.81		18.90		17.81		18.90		20.82		21.90
100		135	138		17.77		18.90		17.77		18.90		20.78		21.90
100		270	0		17.78		18.90		17.78		18.90		20.79		21.90
100	QPSK	1	1		17.64		18.90		17.64		18.90		20.65		21.90
100		1	137		17.66		18.90		17.66		18.90		20.67		21.90
100		1	271		17.68		18.90		17.68		18.90		20.69		21.90
100		135	0		17.61		18.90		17.61		18.90		20.62		21.90



100		135	69		17.73		18.90		17.73		18.90		20.74		21.90
100		135	138		17.77		18.90		17.77		18.90		20.78		21.90
100		270	0		17.66		18.90		17.66		18.90		20.67		21.90
100	16QAM	1	1		17.79		18.90		17.79		18.90		20.80		21.90
100	64QAM	1	1		17.79		18.90		17.79		18.90		20.80		21.90
100	256QAM	1	1		17.61		18.90		17.61		18.90		20.62		21.90

<FR1 n78 (27Q)_PC1.5_Ant 4+8_DSI3>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		20.91		21.90		20.91		21.90		23.92		24.90
100		1	137		20.78		21.90		20.78		21.90		23.79		24.90
100		1	271		20.63		21.90		20.63		21.90		23.64		24.90
100		135	0		20.84		21.90		20.84		21.90		23.85		24.90
100		135	69		20.88		21.90		20.88		21.90		23.89		24.90
100		135	138		20.77		21.90		20.77		21.90		23.78		24.90
100		270	0		20.83		21.90		20.83		21.90		23.84		24.90
100	QPSK	1	1		20.69		21.90		20.69		21.90		23.70		24.90
100		1	137		20.76		21.90		20.76		21.90		23.77		24.90
100		1	271		20.64		21.90		20.64		21.90		23.65		24.90
100		135	0		20.67		21.90		20.67		21.90		23.68		24.90
100		135	69		20.69		21.90		20.69		21.90		23.70		24.90
100		135	138		20.71		21.90		20.71		21.90		23.72		24.90
100		270	0		20.72		21.90		20.72		21.90		23.73		24.90
100	16QAM	1	1		20.69		21.90		20.69		21.90		23.70		24.90
100	64QAM	1	1		20.73		21.90		20.73		21.90		23.74		24.90
100	256QAM	1	1		20.79		21.90		20.79		21.90		23.80		24.90

<FR1 n78 (27Q)_HPUE_Ant 4+8_DSI3>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		17.67		18.90		17.67		18.90		20.68		21.90
100		1	137		17.57		18.90		17.57		18.90		20.58		21.90
100		1	271		17.61		18.90		17.61		18.90		20.62		21.90
100		135	0		17.47		18.90		17.47		18.90		20.48		21.90
100		135	69		17.64		18.90		17.64		18.90		20.65		21.90
100		135	138		17.57		18.90		17.57		18.90		20.58		21.90
100		270	0		17.61		18.90		17.61		18.90		20.62		21.90
100	QPSK	1	1		17.64		18.90		17.64		18.90		20.65		21.90
100		1	137		17.46		18.90		17.46		18.90		20.47		21.90
100		1	271		17.59		18.90		17.59		18.90		20.60		21.90



100		135	0		17.58		18.90		17.58		18.90		20.59		21.90
100		135	69		17.53		18.90		17.53		18.90		20.54		21.90
100		135	138		17.63		18.90		17.63		18.90		20.64		21.90
100		270	0		17.58		18.90		17.58		18.90		20.59		21.90
100	16QAM	1	1		17.45		18.90		17.45		18.90		20.46		21.90
100	64QAM	1	1		17.59		18.90		17.59		18.90		20.60		21.90
100	256QAM	1	1		17.50		18.90		17.50		18.90		20.51		21.90

<FR1 n78 (270)_PC1.5_Ant 4+8_DSI3>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		20.70		21.90		20.70		21.90		23.71		24.90
100		1	137		20.53		21.90		20.53		21.90		23.54		24.90
100		1	271		20.68		21.90		20.68		21.90		23.69		24.90
100		135	0		20.53		21.90		20.53		21.90		23.54		24.90
100		135	69		20.68		21.90		20.68		21.90		23.69		24.90
100		135	138		20.48		21.90		20.48		21.90		23.49		24.90
100		270	0		20.67		21.90		20.67		21.90		23.68		24.90
100	QPSK	1	1		20.56		21.90		20.56		21.90		23.57		24.90
100		1	137		20.58		21.90		20.58		21.90		23.59		24.90
100		1	271		20.64		21.90		20.64		21.90		23.65		24.90
100		135	0		20.49		21.90		20.49		21.90		23.50		24.90
100		135	69		20.58		21.90		20.58		21.90		23.59		24.90
100		135	138		20.63		21.90		20.63		21.90		23.64		24.90
100		270	0		20.48		21.90		20.48		21.90		23.49		24.90
100	16QAM	1	1		20.47		21.90		20.47		21.90		23.48		24.90
100	64QAM	1	1		20.55		21.90		20.55		21.90		23.56		24.90
100	256QAM	1	1		20.49		21.90		20.49		21.90		23.50		24.90



<FR1 n48_Ant 6+8_DSI3>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.02	19.06	19.00	20.30	19.02	19.06	19.00	20.30	22.03	22.07	22.01	23.30
40		1	53	18.78	18.84	18.68	20.30	18.78	18.84	18.68	20.30	21.79	21.85	21.69	23.30
40		1	104	18.78	18.88	18.74	20.30	18.78	18.88	18.74	20.30	21.79	21.89	21.75	23.30
40		50	0	18.68	18.86	18.71	20.30	18.68	18.86	18.71	20.30	21.69	21.87	21.72	23.30
40		50	28	18.96	19.02	18.99	20.30	18.96	19.02	18.99	20.30	21.97	22.03	22.00	23.30
40		50	56	18.92	19.02	18.92	20.30	18.92	19.02	18.92	20.30	21.93	22.03	21.93	23.30
40		100	0	18.74	18.92	18.72	20.30	18.74	18.92	18.72	20.30	21.75	21.93	21.73	23.30
40	QPSK	1	1	18.76	18.91	18.74	20.30	18.76	18.91	18.74	20.30	21.77	21.92	21.75	23.30
40		1	53	18.89	19.03	18.87	20.30	18.89	19.03	18.87	20.30	21.90	22.04	21.88	23.30
40		1	104	18.88	18.96	18.84	20.30	18.88	18.96	18.84	20.30	21.89	21.97	21.85	23.30
40		50	0	18.72	18.86	18.66	20.30	18.72	18.86	18.66	20.30	21.73	21.87	21.67	23.30
40		50	28	18.86	18.95	18.79	20.30	18.86	18.95	18.79	20.30	21.87	21.96	21.80	23.30
40		50	56	18.84	18.99	18.80	20.30	18.84	18.99	18.80	20.30	21.85	22.00	21.81	23.30
40		100	0	18.75	18.85	18.77	20.30	18.75	18.85	18.77	20.30	21.76	21.86	21.78	23.30
40	16QAM	1	1	18.88	19.04	18.93	20.30	18.88	19.04	18.93	20.30	21.89	22.05	21.94	23.30
40	64QAM	1	1	18.81	18.90	18.82	20.30	18.81	18.90	18.82	20.30	21.82	21.91	21.83	23.30
40	256QAM	1	1	18.72	18.86	18.74	20.30	18.72	18.86	18.74	20.30	21.73	21.87	21.75	23.30

<FR1 n77 (27Q) HPUE_Ant 6+8_DSI3>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		17.89		18.90		17.89		18.90		20.90		21.90
100		1	137		17.66		18.90		17.66		18.90		20.67		21.90
100		1	271		17.84		18.90		17.84		18.90		20.85		21.90
100		135	0		17.71		18.90		17.71		18.90		20.72		21.90
100		135	69		17.87		18.90		17.87		18.90		20.88		21.90
100		135	138		17.74		18.90		17.74		18.90		20.75		21.90
100		270	0		17.86		18.90		17.86		18.90		20.87		21.90
100	QPSK	1	1		17.74		18.90		17.74		18.90		20.75		21.90
100		1	137		17.67		18.90		17.67		18.90		20.68		21.90
100		1	271		17.70		18.90		17.70		18.90		20.71		21.90
100		135	0		17.67		18.90		17.67		18.90		20.68		21.90
100		135	69		17.68		18.90		17.68		18.90		20.69		21.90
100		135	138		17.72		18.90		17.72		18.90		20.73		21.90
100		270	0		17.68		18.90		17.68		18.90		20.69		21.90
100	16QAM	1	1		17.68		18.90		17.68		18.90		20.69		21.90
100	64QAM	1	1		17.82		18.90		17.82		18.90		20.83		21.90



100	256QAM	1	1		17.66		18.90		17.66		18.90		20.67		21.90
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<FR1 n77 (27Q)_PC1.5_Ant 6+8_DSI3>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		20.88		21.90		20.88		21.90		23.89		24.90
100		1	137		20.71		21.90		20.71		21.90		23.72		24.90
100		1	271		20.81		21.90		20.81		21.90		23.82		24.90
100		135	0		20.79		21.90		20.79		21.90		23.80		24.90
100		135	69		20.85		21.90		20.85		21.90		23.86		24.90
100		135	138		20.80		21.90		20.80		21.90		23.81		24.90
100		270	0		20.82		21.90		20.82		21.90		23.83		24.90
100	QPSK	1	1		20.71		21.90		20.71		21.90		23.72		24.90
100		1	137		20.65		21.90		20.65		21.90		23.66		24.90
100		1	271		20.68		21.90		20.68		21.90		23.69		24.90
100		135	0		20.63		21.90		20.63		21.90		23.64		24.90
100		135	69		20.68		21.90		20.68		21.90		23.69		24.90
100		135	138		20.83		21.90		20.83		21.90		23.84		24.90
100		270	0		20.68		21.90		20.68		21.90		23.69		24.90
100	16QAM	1	1		20.65		21.90		20.65		21.90		23.66		24.90
100	64QAM	1	1		20.78		21.90		20.78		21.90		23.79		24.90
100	256QAM	1	1		20.72		21.90		20.72		21.90		23.73		24.90

<FR1 n77 (27Q)_HPUE_Ant 6+8_DSI3>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	17.74	17.95	17.77	18.90	17.74	17.80	17.77	18.90	20.75	20.89	20.78	21.90
100		1	137	17.42	17.56	17.45	18.90	17.42	17.56	17.45	18.90	20.43	20.57	20.46	21.90
100		1	271	17.61	17.79	17.74	18.90	17.61	17.79	17.74	18.90	20.62	20.80	20.75	21.90
100		135	0	17.68	17.77	17.65	18.90	17.68	17.77	17.65	18.90	20.69	20.78	20.66	21.90
100		135	69	17.73	17.85	17.75	18.90	17.73	17.79	17.75	18.90	20.74	20.83	20.76	21.90
100		135	138	17.42	17.55	17.46	18.90	17.42	17.55	17.46	18.90	20.43	20.56	20.47	21.90
100		270	0	17.61	17.74	17.65	18.90	17.61	17.74	17.65	18.90	20.62	20.75	20.66	21.90
100	QPSK	1	1	17.56	17.67	17.59	18.90	17.56	17.67	17.59	18.90	20.57	20.68	20.60	21.90
100		1	137	17.62	17.71	17.57	18.90	17.62	17.71	17.57	18.90	20.63	20.72	20.58	21.90
100		1	271	17.55	17.70	17.58	18.90	17.55	17.70	17.58	18.90	20.56	20.71	20.59	21.90
100		135	0	17.63	17.73	17.58	18.90	17.63	17.73	17.58	18.90	20.64	20.74	20.59	21.90
100		135	69	17.54	17.71	17.66	18.90	17.54	17.71	17.66	18.90	20.55	20.72	20.67	21.90
100		135	138	17.63	17.77	17.68	18.90	17.63	17.77	17.68	18.90	20.64	20.78	20.69	21.90
100		270	0	17.54	17.69	17.54	18.90	17.54	17.69	17.54	18.90	20.55	20.70	20.55	21.90
100	16QAM	1	1	17.62	17.71	17.60	18.90	17.62	17.71	17.60	18.90	20.63	20.72	20.61	21.90



100	64QAM	1	1	17.47	17.62	17.56	18.90	17.47	17.62	17.56	18.90	20.48	20.63	20.57	21.90
100	256QAM	1	1	17.58	17.67	17.55	18.90	17.58	17.67	17.55	18.90	20.59	20.68	20.56	21.90

<FR1 n77 (270)_PC1.5_Ant 6+8_DSI3>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	20.91	20.98	20.96	21.90	20.91	20.98	20.96	21.90	23.92	23.99	23.97	24.90
100		1	137	20.72	20.87	20.84	21.90	20.72	20.87	20.84	21.90	23.73	23.88	23.85	24.90
100		1	271	20.67	20.81	20.66	21.90	20.67	20.81	20.66	21.90	23.68	23.82	23.67	24.90
100		135	0	20.53	20.71	20.61	21.90	20.53	20.71	20.61	21.90	23.54	23.72	23.62	24.90
100		135	69	20.95	20.97	20.92	21.90	20.95	20.97	20.92	21.90	23.96	23.98	23.93	24.90
100		135	138	20.59	20.75	20.64	21.90	20.59	20.75	20.64	21.90	23.60	23.76	23.65	24.90
100		270	0	20.75	20.92	20.85	21.90	20.75	20.92	20.85	21.90	23.76	23.93	23.86	24.90
100	QPSK	1	1	20.65	20.80	20.74	21.90	20.65	20.80	20.74	21.90	23.66	23.81	23.75	24.90
100		1	137	20.64	20.77	20.67	21.90	20.64	20.77	20.67	21.90	23.65	23.78	23.68	24.90
100		1	271	20.74	20.89	20.80	21.90	20.74	20.89	20.80	21.90	23.75	23.90	23.81	24.90
100		135	0	20.54	20.70	20.63	21.90	20.54	20.70	20.63	21.90	23.55	23.71	23.64	24.90
100		135	69	20.61	20.80	20.65	21.90	20.61	20.80	20.65	21.90	23.62	23.81	23.66	24.90
100		135	138	20.68	20.78	20.75	21.90	20.68	20.78	20.75	21.90	23.69	23.79	23.76	24.90
100		270	0	20.55	20.73	20.65	21.90	20.55	20.73	20.65	21.90	23.56	23.74	23.66	24.90
100	16QAM	1	1	20.51	20.71	20.55	21.90	20.51	20.71	20.55	21.90	23.52	23.72	23.56	24.90
100	64QAM	1	1	20.58	20.73	20.64	21.90	20.58	20.73	20.64	21.90	23.59	23.74	23.65	24.90
100	256QAM	1	1	20.69	20.81	20.70	21.90	20.69	20.81	20.70	21.90	23.70	23.82	23.71	24.90

<FR1 n78 (27Q)_HPUE_Ant 6+8_DSI3>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		Tune-up Limit (dBm)		633332		Tune-up Limit (dBm)		633332		Tune-up Limit (dBm)
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		17.83		18.90		17.83		18.90		20.84		21.90
100		1	137		17.73		18.90		17.73		18.90		20.74		21.90
100		1	271		17.82		18.90		17.82		18.90		20.83		21.90
100		135	0		17.66		18.90		17.66		18.90		20.67		21.90
100		135	69		17.81		18.90		17.81		18.90		20.82		21.90
100		135	138		17.77		18.90		17.77		18.90		20.78		21.90
100		270	0		17.78		18.90		17.78		18.90		20.79		21.90
100	QPSK	1	1		17.64		18.90		17.64		18.90		20.65		21.90
100		1	137		17.66		18.90		17.66		18.90		20.67		21.90
100		1	271		17.68		18.90		17.68		18.90		20.69		21.90
100		135	0		17.61		18.90		17.61		18.90		20.62		21.90
100		135	69		17.73		18.90		17.73		18.90		20.74		21.90
100		135	138		17.77		18.90		17.77		18.90		20.78		21.90
100		270	0		17.66		18.90		17.66		18.90		20.67		21.90



100	16QAM	1	1		17.79		18.90		17.79		18.90		20.80		21.90
100	64QAM	1	1		17.79		18.90		17.79		18.90		20.80		21.90
100	256QAM	1	1		17.61		18.90		17.61		18.90		20.62		21.90

<FR1 n78 (27Q)_PC1.5_Ant 6+8_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		20.91		21.90		20.91		21.90		23.92		24.90
100		1	137		20.78		21.90		20.78		21.90		23.79		24.90
100		1	271		20.63		21.90		20.63		21.90		23.64		24.90
100		135	0		20.84		21.90		20.84		21.90		23.85		24.90
100		135	69		20.88		21.90		20.88		21.90		23.89		24.90
100		135	138		20.77		21.90		20.77		21.90		23.78		24.90
100		270	0		20.83		21.90		20.83		21.90		23.84		24.90
100	QPSK	1	1		20.69		21.90		20.69		21.90		23.70		24.90
100		1	137		20.76		21.90		20.76		21.90		23.77		24.90
100		1	271		20.64		21.90		20.64		21.90		23.65		24.90
100		135	0		20.67		21.90		20.67		21.90		23.68		24.90
100		135	69		20.69		21.90		20.69		21.90		23.70		24.90
100		135	138		20.71		21.90		20.71		21.90		23.72		24.90
100		270	0		20.72		21.90		20.72		21.90		23.73		24.90
100	16QAM	1	1		20.69		21.90		20.69		21.90		23.70		24.90
100	64QAM	1	1		20.73		21.90		20.73		21.90		23.74		24.90
100	256QAM	1	1		20.79		21.90		20.79		21.90		23.80		24.90

<FR1 n78 (27O)_HPUE_Ant 6+8_DSI3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		17.67		18.90		17.67		18.90		20.68		21.90
100		1	137		17.57		18.90		17.57		18.90		20.58		21.90
100		1	271		17.61		18.90		17.61		18.90		20.62		21.90
100		135	0		17.47		18.90		17.47		18.90		20.48		21.90
100		135	69		17.64		18.90		17.64		18.90		20.65		21.90
100		135	138		17.57		18.90		17.57		18.90		20.58		21.90
100		270	0		17.61		18.90		17.61		18.90		20.62		21.90
100	QPSK	1	1		17.64		18.90		17.64		18.90		20.65		21.90
100		1	137		17.46		18.90		17.46		18.90		20.47		21.90
100		1	271		17.59		18.90		17.59		18.90		20.60		21.90
100		135	0		17.58		18.90		17.58		18.90		20.59		21.90
100		135	69		17.53		18.90		17.53		18.90		20.54		21.90
100		135	138		17.63		18.90		17.63		18.90		20.64		21.90



100		270	0		17.58		18.90		17.58		18.90		20.59		21.90
100	16QAM	1	1		17.45		18.90		17.45		18.90		20.46		21.90
100	64QAM	1	1		17.59		18.90		17.59		18.90		20.60		21.90
100	256QAM	1	1		17.50		18.90		17.50		18.90		20.51		21.90

<FR1 n78 (270)_PC1.5_Ant 6+8_DSI3>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		20.70		21.90		20.70		21.90		23.71		24.90
100		1	137		20.53		21.90		20.53		21.90		23.54		24.90
100		1	271		20.68		21.90		20.68		21.90		23.69		24.90
100		135	0		20.53		21.90		20.53		21.90		23.54		24.90
100		135	69		20.68		21.90		20.68		21.90		23.69		24.90
100		135	138		20.48		21.90		20.48		21.90		23.49		24.90
100		270	0		20.67		21.90		20.67		21.90		23.68		24.90
100	QPSK	1	1		20.56		21.90		20.56		21.90		23.57		24.90
100		1	137		20.58		21.90		20.58		21.90		23.59		24.90
100		1	271		20.64		21.90		20.64		21.90		23.65		24.90
100		135	0		20.49		21.90		20.49		21.90		23.50		24.90
100		135	69		20.58		21.90		20.58		21.90		23.59		24.90
100		135	138		20.63		21.90		20.63		21.90		23.64		24.90
100		270	0		20.48		21.90		20.48		21.90		23.49		24.90
100	16QAM	1	1		20.47		21.90		20.47		21.90		23.48		24.90
100	64QAM	1	1		20.55		21.90		20.55		21.90		23.56		24.90
100	256QAM	1	1		20.49		21.90		20.49		21.90		23.50		24.90

<FR1 n48_Ant 4+8_DSI6>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.02	19.06	19.00	20.80	19.02	19.06	19.00	20.80	22.03	22.07	22.01	23.80
40		1	53	18.81	18.84	18.80	20.80	18.81	18.84	18.80	20.80	21.82	21.85	21.81	23.80
40		1	104	18.82	18.88	18.80	20.80	18.82	18.88	18.80	20.80	21.83	21.89	21.81	23.80
40		50	0	18.80	18.86	18.80	20.80	18.80	18.86	18.80	20.80	21.81	21.87	21.81	23.80
40		50	28	18.94	19.02	18.99	20.80	18.94	19.02	18.99	20.80	21.95	22.03	22.00	23.80
40		50	56	18.90	19.02	18.90	20.80	18.90	19.02	18.90	20.80	21.91	22.03	21.91	23.80
40		100	0	18.85	18.92	18.82	20.80	18.85	18.92	18.82	20.80	21.86	21.93	21.83	23.80
40	QPSK	1	1	18.85	18.91	18.80	20.80	18.85	18.91	18.80	20.80	21.86	21.92	21.81	23.80
40		1	53	18.94	19.03	18.90	20.80	18.94	19.03	18.90	20.80	21.95	22.04	21.91	23.80
40		1	104	18.81	18.96	18.80	20.80	18.81	18.96	18.80	20.80	21.82	21.97	21.81	23.80
40		50	0	18.80	18.86	18.81	20.80	18.80	18.86	18.81	20.80	21.81	21.87	21.82	23.80
40		50	28	18.80	18.95	18.86	20.80	18.80	18.95	18.86	20.80	21.81	21.96	21.87	23.80



40		50	56	18.86	18.99	18.81	20.80	18.86	18.99	18.81	20.80	21.87	22.00	21.82	23.80
40		100	0	18.81	18.85	18.80	20.80	18.81	18.85	18.80	20.80	21.82	21.86	21.81	23.80
40	16QAM	1	1	18.92	19.04	18.85	20.80	18.92	19.04	18.85	20.80	21.93	22.05	21.86	23.80
40	64QAM	1	1	18.80	18.90	18.81	20.80	18.80	18.90	18.81	20.80	21.81	21.91	21.82	23.80
40	256QAM	1	1	18.80	18.86	18.80	20.80	18.80	18.86	18.80	20.80	21.81	21.87	21.81	23.80

<FR1 n77 (27Q) HPUE_Ant 4+8_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		18.98		19.90		18.98		19.90		21.99		22.90
100		1	137		18.65		19.90		18.65		19.90		21.66		22.90
100		1	271		18.71		19.90		18.71		19.90		21.72		22.90
100		135	0		18.78		19.90		18.78		19.90		21.79		22.90
100		135	69		18.95		19.90		18.95		19.90		21.96		22.90
100		135	138		18.65		19.90		18.65		19.90		21.66		22.90
100		270	0		18.92		19.90		18.92		19.90		21.93		22.90
100	QPSK	1	1		18.77		19.90		18.77		19.90		21.78		22.90
100		1	137		18.76		19.90		18.76		19.90		21.77		22.90
100		1	271		18.80		19.90		18.80		19.90		21.81		22.90
100		135	0		18.81		19.90		18.81		19.90		21.82		22.90
100		135	69		18.83		19.90		18.83		19.90		21.84		22.90
100		135	138		18.71		19.90		18.71		19.90		21.72		22.90
100		270	0		18.65		19.90		18.65		19.90		21.66		22.90
100	16QAM	1	1		18.82		19.90		18.82		19.90		21.83		22.90
100	64QAM	1	1		18.77		19.90		18.77		19.90		21.78		22.90
100	256QAM	1	1		18.83		19.90		18.83		19.90		21.84		22.90

<FR1 n77 (27Q) PC1.5_Ant 4+8_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		21.82		22.90		21.82		22.90		24.83		25.90
100		1	137		21.70		22.90		21.70		22.90		24.71		25.90
100		1	271		21.80		22.90		21.80		22.90		24.81		25.90
100		135	0		21.61		22.90		21.61		22.90		24.62		25.90
100		135	69		21.78		22.90		21.78		22.90		24.79		25.90
100		135	138		21.76		22.90		21.76		22.90		24.77		25.90
100		270	0		21.76		22.90		21.76		22.90		24.77		25.90
100	QPSK	1	1		21.63		22.90		21.63		22.90		24.64		25.90
100		1	137		21.68		22.90		21.68		22.90		24.69		25.90
100		1	271		21.78		22.90		21.78		22.90		24.79		25.90
100		135	0		21.80		22.90		21.80		22.90		24.81		25.90



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100		135	69		21.59		22.90		21.59		22.90		24.60		25.90
100		135	138		21.67		22.90		21.67		22.90		24.68		25.90
100		270	0		21.59		22.90		21.59		22.90		24.60		25.90
100	16QAM	1	1		21.64		22.90		21.64		22.90		24.65		25.90
100	64QAM	1	1		21.76		22.90		21.76		22.90		24.77		25.90
100	256QAM	1	1		21.70		22.90		21.70		22.90		24.71		25.90

<FR1 n77 (270)_HPUE_Ant 4+8_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	18.80	18.83	18.78	19.90	18.80	18.83	18.78	19.90	21.81	21.84	21.79	22.90
100		1	137	18.55	18.62	18.50	19.90	18.55	18.62	18.50	19.90	21.56	21.63	21.51	22.90
100		1	271	18.69	18.77	18.69	19.90	18.69	18.77	18.69	19.90	21.70	21.78	21.70	22.90
100		135	0	18.54	18.63	18.56	19.90	18.54	18.63	18.56	19.90	21.55	21.64	21.57	22.90
100		135	69	18.78	18.81	18.74	19.90	18.78	18.81	18.74	19.90	21.79	21.82	21.75	22.90
100		135	138	18.54	18.71	18.59	19.90	18.54	18.71	18.59	19.90	21.55	21.72	21.60	22.90
100		270	0	18.70	18.76	18.59	19.90	18.70	18.76	18.59	19.90	21.71	21.77	21.60	22.90
100	QPSK	1	1	18.41	18.55	18.37	19.90	18.41	18.55	18.37	19.90	21.42	21.56	21.38	22.90
100		1	137	18.51	18.64	18.50	19.90	18.51	18.64	18.50	19.90	21.52	21.65	21.51	22.90
100		1	271	18.57	18.74	18.62	19.90	18.57	18.74	18.62	19.90	21.58	21.75	21.63	22.90
100		135	0	18.52	18.65	18.54	19.90	18.52	18.65	18.54	19.90	21.53	21.66	21.55	22.90
100		135	69	18.51	18.57	18.46	19.90	18.51	18.57	18.46	19.90	21.52	21.58	21.47	22.90
100		135	138	18.44	18.56	18.49	19.90	18.44	18.56	18.49	19.90	21.45	21.57	21.50	22.90
100		270	0	18.59	18.74	18.62	19.90	18.59	18.74	18.62	19.90	21.60	21.75	21.63	22.90
100	16QAM	1	1	18.62	18.76	18.69	19.90	18.62	18.76	18.69	19.90	21.63	21.77	21.70	22.90
100	64QAM	1	1	18.62	18.68	18.61	19.90	18.62	18.68	18.61	19.90	21.63	21.69	21.62	22.90
100	256QAM	1	1	18.51	18.57	18.42	19.90	18.51	18.57	18.42	19.90	21.52	21.58	21.43	22.90

<FR1 n77 (270)_PC1.5_Ant 4+8_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	21.90	21.93	21.88	22.90	21.90	21.93	21.88	22.90	24.91	24.94	24.89	25.90
100		1	137	21.58	21.75	21.65	22.90	21.58	21.75	21.65	22.90	24.59	24.76	24.66	25.90
100		1	271	21.67	21.79	21.63	22.90	21.67	21.79	21.63	22.90	24.68	24.80	24.64	25.90
100		135	0	21.65	21.82	21.72	22.90	21.65	21.82	21.72	22.90	24.66	24.83	24.73	25.90
100		135	69	21.85	21.89	21.87	22.90	21.85	21.89	21.87	22.90	24.86	24.90	24.88	25.90
100		135	138	21.69	21.79	21.61	22.90	21.69	21.79	21.61	22.90	24.70	24.80	24.62	25.90
100		270	0	21.59	21.70	21.57	22.90	21.59	21.70	21.57	22.90	24.60	24.71	24.58	25.90
100	QPSK	1	1	21.65	21.79	21.63	22.90	21.65	21.79	21.63	22.90	24.66	24.80	24.64	25.90
100		1	137	21.76	21.86	21.67	22.90	21.76	21.86	21.67	22.90	24.77	24.87	24.68	25.90
100		1	271	21.82	21.90	21.75	22.90	21.82	21.90	21.75	22.90	24.83	24.91	24.76	25.90



100		135	0	21.60	21.71	21.54	22.90	21.60	21.71	21.54	22.90	24.61	24.72	24.55	25.90
100		135	69	21.72	21.82	21.64	22.90	21.72	21.82	21.64	22.90	24.73	24.83	24.65	25.90
100		135	138	21.70	21.82	21.70	22.90	21.70	21.82	21.70	22.90	24.71	24.83	24.71	25.90
100		270	0	21.78	21.84	21.77	22.90	21.78	21.84	21.77	22.90	24.79	24.85	24.78	25.90
100	16QAM	1	1	21.58	21.73	21.61	22.90	21.58	21.73	21.61	22.90	24.59	24.74	24.62	25.90
100	64QAM	1	1	21.79	21.90	21.78	22.90	21.79	21.90	21.78	22.90	24.80	24.91	24.79	25.90
100	256QAM	1	1	21.70	21.78	21.72	22.90	21.70	21.78	21.72	22.90	24.71	24.79	24.73	25.90

<FR1 n78 (27Q)_HPUE_Ant 4+8_DSI6>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		18.81		19.90		18.81		19.90		21.82		22.90
100		1	137		18.70		19.90		18.70		19.90		21.71		22.90
100		1	271		18.63		19.90		18.63		19.90		21.64		22.90
100		135	0		18.67		19.90		18.67		19.90		21.68		22.90
100		135	69		18.78		19.90		18.78		19.90		21.79		22.90
100		135	138		18.70		19.90		18.70		19.90		21.71		22.90
100		270	0		18.72		19.90		18.72		19.90		21.73		22.90
100	QPSK	1	1		18.77		19.90		18.77		19.90		21.78		22.90
100		1	137		18.78		19.90		18.78		19.90		21.79		22.90
100		1	271		18.64		19.90		18.64		19.90		21.65		22.90
100		135	0		18.65		19.90		18.65		19.90		21.66		22.90
100		135	69		18.66		19.90		18.66		19.90		21.67		22.90
100		135	138		18.76		19.90		18.76		19.90		21.77		22.90
100		270	0		18.67		19.90		18.67		19.90		21.68		22.90
100	16QAM	1	1		18.81		19.90		18.81		19.90		21.82		22.90
100	64QAM	1	1		18.66		19.90		18.66		19.90		21.67		22.90
100	256QAM	1	1		18.68		19.90		18.68		19.90		21.69		22.90



<FR1 n78 (27Q)_PC1.5_Ant 4+8_DSI6>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		21.85		22.90		21.85		22.90		24.86		25.90
100		1	137		21.80		22.90		21.80		22.90		24.81		25.90
100		1	271		21.72		22.90		21.72		22.90		24.73		25.90
100		135	0		21.74		22.90		21.74		22.90		24.75		25.90
100		135	69		21.82		22.90		21.82		22.90		24.83		25.90
100		135	138		21.63		22.90		21.63		22.90		24.64		25.90
100		270	0		21.80		22.90		21.80		22.90		24.81		25.90
100	QPSK	1	1		21.62		22.90		21.62		22.90		24.63		25.90
100		1	137		21.84		22.90		21.84		22.90		24.85		25.90
100		1	271		21.68		22.90		21.68		22.90		24.69		25.90
100		135	0		21.75		22.90		21.75		22.90		24.76		25.90
100		135	69		21.83		22.90		21.83		22.90		24.84		25.90
100		135	138		21.84		22.90		21.84		22.90		24.85		25.90
100		270	0		21.80		22.90		21.80		22.90		24.81		25.90
100	16QAM	1	1		21.74		22.90		21.74		22.90		24.75		25.90
100	64QAM	1	1		21.78		22.90		21.78		22.90		24.79		25.90
100	256QAM	1	1		21.70		22.90		21.70		22.90		24.71		25.90

<FR1 n78 (27O)_HPUE_Ant 4+8_DSI6>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		18.68		19.90		18.68		19.90		21.69		22.90
100		1	137		18.54		19.90		18.54		19.90		21.55		22.90
100		1	271		18.53		19.90		18.53		19.90		21.54		22.90
100		135	0		18.48		19.90		18.48		19.90		21.49		22.90
100		135	69		18.65		19.90		18.65		19.90		21.66		22.90
100		135	138		18.44		19.90		18.44		19.90		21.45		22.90
100		270	0		18.61		19.90		18.61		19.90		21.62		22.90
100	QPSK	1	1		18.64		19.90		18.64		19.90		21.65		22.90
100		1	137		18.60		19.90		18.60		19.90		21.61		22.90
100		1	271		18.57		19.90		18.57		19.90		21.58		22.90
100		135	0		18.56		19.90		18.56		19.90		21.57		22.90
100		135	69		18.50		19.90		18.50		19.90		21.51		22.90
100		135	138		18.49		19.90		18.49		19.90		21.50		22.90
100		270	0		18.59		19.90		18.59		19.90		21.60		22.90
100	16QAM	1	1		18.48		19.90		18.48		19.90		21.49		22.90
100	64QAM	1	1		18.47		19.90		18.47		19.90		21.48		22.90



100	256QAM	1	1		18.60		19.90		18.60		19.90		21.61		22.90
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<FR1 n78 (270)_PC1.5_Ant 4+8_DSI6>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		21.70		22.90		21.70		22.90		24.71		25.90
100		1	137		21.65		22.90		21.65		22.90		24.66		25.90
100		1	271		21.57		22.90		21.57		22.90		24.58		25.90
100		135	0		21.53		22.90		21.53		22.90		24.54		25.90
100		135	69		21.66		22.90		21.66		22.90		24.67		25.90
100		135	138		21.52		22.90		21.52		22.90		24.53		25.90
100		270	0		21.63		22.90		21.63		22.90		24.64		25.90
100	QPSK	1	1		21.60		22.90		21.60		22.90		24.61		25.90
100		1	137		21.67		22.90		21.67		22.90		24.68		25.90
100		1	271		21.60		22.90		21.60		22.90		24.61		25.90
100		135	0		21.48		22.90		21.48		22.90		24.49		25.90
100		135	69		21.47		22.90		21.47		22.90		24.48		25.90
100		135	138		21.51		22.90		21.51		22.90		24.52		25.90
100		270	0		21.67		22.90		21.67		22.90		24.68		25.90
100	16QAM	1	1		21.51		22.90		21.51		22.90		24.52		25.90
100	64QAM	1	1		21.48		22.90		21.48		22.90		24.49		25.90
100	256QAM	1	1		21.53		22.90		21.53		22.90		24.54		25.90

<FR1 n48_Ant 6+8_DSI6>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.02	19.06	19.00	20.80	19.02	19.06	19.00	20.80	22.03	22.07	22.01	23.80
40		1	53	18.81	18.84	18.80	20.80	18.81	18.84	18.80	20.80	21.82	21.85	21.81	23.80
40		1	104	18.82	18.88	18.80	20.80	18.82	18.88	18.80	20.80	21.83	21.89	21.81	23.80
40		50	0	18.80	18.86	18.80	20.80	18.80	18.86	18.80	20.80	21.81	21.87	21.81	23.80
40		50	28	18.94	19.02	18.99	20.80	18.94	19.02	18.99	20.80	21.95	22.03	22.00	23.80
40		50	56	18.90	19.02	18.90	20.80	18.90	19.02	18.90	20.80	21.91	22.03	21.91	23.80
40		100	0	18.85	18.92	18.82	20.80	18.85	18.92	18.82	20.80	21.86	21.93	21.83	23.80
40	QPSK	1	1	18.85	18.91	18.80	20.80	18.85	18.91	18.80	20.80	21.86	21.92	21.81	23.80
40		1	53	18.94	19.03	18.90	20.80	18.94	19.03	18.90	20.80	21.95	22.04	21.91	23.80
40		1	104	18.81	18.96	18.80	20.80	18.81	18.96	18.80	20.80	21.82	21.97	21.81	23.80
40		50	0	18.80	18.86	18.81	20.80	18.80	18.86	18.81	20.80	21.81	21.87	21.82	23.80
40		50	28	18.80	18.95	18.86	20.80	18.80	18.95	18.86	20.80	21.81	21.96	21.87	23.80
40		50	56	18.86	18.99	18.81	20.80	18.86	18.99	18.81	20.80	21.87	22.00	21.82	23.80
40		100	0	18.81	18.85	18.80	20.80	18.81	18.85	18.80	20.80	21.82	21.86	21.81	23.80
40	16QAM	1	1	18.92	19.04	18.85	20.80	18.92	19.04	18.85	20.80	21.93	22.05	21.86	23.80



40	64QAM	1	1	18.80	18.90	18.81	20.80	18.80	18.90	18.81	20.80	21.81	21.91	21.82	23.80
40	256QAM	1	1	18.80	18.86	18.80	20.80	18.80	18.86	18.80	20.80	21.81	21.87	21.81	23.80

<FR1 n77 (27Q) HPUE_Ant 6+8_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		18.98		19.90		18.98		19.90		21.99		22.90
100		1	137		18.65		19.90		18.65		19.90		21.66		22.90
100		1	271		18.71		19.90		18.71		19.90		21.72		22.90
100		135	0		18.78		19.90		18.78		19.90		21.79		22.90
100		135	69		18.95		19.90		18.95		19.90		21.96		22.90
100		135	138		18.65		19.90		18.65		19.90		21.66		22.90
100		270	0		18.92		19.90		18.92		19.90		21.93		22.90
100	QPSK	1	1		18.77		19.90		18.77		19.90		21.78		22.90
100		1	137		18.76		19.90		18.76		19.90		21.77		22.90
100		1	271		18.80		19.90		18.80		19.90		21.81		22.90
100		135	0		18.81		19.90		18.81		19.90		21.82		22.90
100		135	69		18.83		19.90		18.83		19.90		21.84		22.90
100		135	138		18.71		19.90		18.71		19.90		21.72		22.90
100		270	0		18.65		19.90		18.65		19.90		21.66		22.90
100	16QAM	1	1		18.82		19.90		18.82		19.90		21.83		22.90
100	64QAM	1	1		18.77		19.90		18.77		19.90		21.78		22.90
100	256QAM	1	1		18.83		19.90		18.83		19.90		21.84		22.90

<FR1 n77 (27Q) PC1.5_Ant 6+8_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		21.82		22.90		21.82		22.90		24.83		25.90
100		1	137		21.70		22.90		21.70		22.90		24.71		25.90
100		1	271		21.80		22.90		21.80		22.90		24.81		25.90
100		135	0		21.61		22.90		21.61		22.90		24.62		25.90
100		135	69		21.78		22.90		21.78		22.90		24.79		25.90
100		135	138		21.76		22.90		21.76		22.90		24.77		25.90
100		270	0		21.76		22.90		21.76		22.90		24.77		25.90
100	QPSK	1	1		21.63		22.90		21.63		22.90		24.64		25.90
100		1	137		21.68		22.90		21.68		22.90		24.69		25.90
100		1	271		21.78		22.90		21.78		22.90		24.79		25.90
100		135	0		21.80		22.90		21.80		22.90		24.81		25.90
100		135	69		21.59		22.90		21.59		22.90		24.60		25.90
100		135	138		21.67		22.90		21.67		22.90		24.68		25.90
100		270	0		21.59		22.90		21.59		22.90		24.60		25.90



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100	16QAM	1	1		21.64		22.90		21.64		22.90		24.65		25.90
100	64QAM	1	1		21.76		22.90		21.76		22.90		24.77		25.90
100	256QAM	1	1		21.70		22.90		21.70		22.90		24.71		25.90

<FR1 n77 (270)_HPUE_Ant 6+8_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	18.80	18.83	18.78	19.90	18.80	18.83	18.78	19.90	21.81	21.84	21.79	22.90
100		1	137	18.55	18.62	18.50	19.90	18.55	18.62	18.50	19.90	21.56	21.63	21.51	22.90
100		1	271	18.69	18.77	18.69	19.90	18.69	18.77	18.69	19.90	21.70	21.78	21.70	22.90
100		135	0	18.54	18.63	18.56	19.90	18.54	18.63	18.56	19.90	21.55	21.64	21.57	22.90
100		135	69	18.78	18.81	18.74	19.90	18.78	18.81	18.74	19.90	21.79	21.82	21.75	22.90
100		135	138	18.54	18.71	18.59	19.90	18.54	18.71	18.59	19.90	21.55	21.72	21.60	22.90
100		270	0	18.70	18.76	18.59	19.90	18.70	18.76	18.59	19.90	21.71	21.77	21.60	22.90
100	QPSK	1	1	18.41	18.55	18.37	19.90	18.41	18.55	18.37	19.90	21.42	21.56	21.38	22.90
100		1	137	18.51	18.64	18.50	19.90	18.51	18.64	18.50	19.90	21.52	21.65	21.51	22.90
100		1	271	18.57	18.74	18.62	19.90	18.57	18.74	18.62	19.90	21.58	21.75	21.63	22.90
100		135	0	18.52	18.65	18.54	19.90	18.52	18.65	18.54	19.90	21.53	21.66	21.55	22.90
100		135	69	18.51	18.57	18.46	19.90	18.51	18.57	18.46	19.90	21.52	21.58	21.47	22.90
100		135	138	18.44	18.56	18.49	19.90	18.44	18.56	18.49	19.90	21.45	21.57	21.50	22.90
100		270	0	18.59	18.74	18.62	19.90	18.59	18.74	18.62	19.90	21.60	21.75	21.63	22.90
100	16QAM	1	1	18.62	18.76	18.69	19.90	18.62	18.76	18.69	19.90	21.63	21.77	21.70	22.90
100	64QAM	1	1	18.62	18.68	18.61	19.90	18.62	18.68	18.61	19.90	21.63	21.69	21.62	22.90
100	256QAM	1	1	18.51	18.57	18.42	19.90	18.51	18.57	18.42	19.90	21.52	21.58	21.43	22.90

<FR1 n77 (270)_PC1.5_Ant 6+8_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	21.90	21.93	21.88	22.90	21.90	21.93	21.88	22.90	24.91	24.94	24.89	25.90
100		1	137	21.58	21.75	21.65	22.90	21.58	21.75	21.65	22.90	24.59	24.76	24.66	25.90
100		1	271	21.67	21.79	21.63	22.90	21.67	21.79	21.63	22.90	24.68	24.80	24.64	25.90
100		135	0	21.65	21.82	21.72	22.90	21.65	21.82	21.72	22.90	24.66	24.83	24.73	25.90
100		135	69	21.85	21.89	21.87	22.90	21.85	21.89	21.87	22.90	24.86	24.90	24.88	25.90
100		135	138	21.69	21.79	21.61	22.90	21.69	21.79	21.61	22.90	24.70	24.80	24.62	25.90
100		270	0	21.59	21.70	21.57	22.90	21.59	21.70	21.57	22.90	24.60	24.71	24.58	25.90
100	QPSK	1	1	21.65	21.79	21.63	22.90	21.65	21.79	21.63	22.90	24.66	24.80	24.64	25.90
100		1	137	21.76	21.86	21.67	22.90	21.76	21.86	21.67	22.90	24.77	24.87	24.68	25.90
100		1	271	21.82	21.90	21.75	22.90	21.82	21.90	21.75	22.90	24.83	24.91	24.76	25.90
100		135	0	21.60	21.71	21.54	22.90	21.60	21.71	21.54	22.90	24.61	24.72	24.55	25.90
100		135	69	21.72	21.82	21.64	22.90	21.72	21.82	21.64	22.90	24.73	24.83	24.65	25.90
100		135	138	21.70	21.82	21.70	22.90	21.70	21.82	21.70	22.90	24.71	24.83	24.71	25.90
100		270	0	21.70	21.82	21.70	22.90	21.70	21.82	21.70	22.90	24.71	24.83	24.71	25.90



100		270	0	21.78	21.84	21.77	22.90	21.78	21.84	21.77	22.90	24.79	24.85	24.78	25.90
100	16QAM	1	1	21.58	21.73	21.61	22.90	21.58	21.73	21.61	22.90	24.59	24.74	24.62	25.90
100	64QAM	1	1	21.79	21.90	21.78	22.90	21.79	21.90	21.78	22.90	24.80	24.91	24.79	25.90
100	256QAM	1	1	21.70	21.78	21.72	22.90	21.70	21.78	21.72	22.90	24.71	24.79	24.73	25.90

<FR1 n78 (27Q)_HPUE_Ant 6+8_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		18.81		19.90		18.81		19.90		21.82		22.90
100		1	137		18.70		19.90		18.70		19.90		21.71		22.90
100		1	271		18.63		19.90		18.63		19.90		21.64		22.90
100		135	0		18.67		19.90		18.67		19.90		21.68		22.90
100		135	69		18.78		19.90		18.78		19.90		21.79		22.90
100		135	138		18.70		19.90		18.70		19.90		21.71		22.90
100		270	0		18.72		19.90		18.72		19.90		21.73		22.90
100	QPSK	1	1		18.77		19.90		18.77		19.90		21.78		22.90
100		1	137		18.78		19.90		18.78		19.90		21.79		22.90
100		1	271		18.64		19.90		18.64		19.90		21.65		22.90
100		135	0		18.65		19.90		18.65		19.90		21.66		22.90
100		135	69		18.66		19.90		18.66		19.90		21.67		22.90
100		135	138		18.76		19.90		18.76		19.90		21.77		22.90
100		270	0		18.67		19.90		18.67		19.90		21.68		22.90
100	16QAM	1	1		18.81		19.90		18.81		19.90		21.82		22.90
100	64QAM	1	1		18.66		19.90		18.66		19.90		21.67		22.90
100	256QAM	1	1		18.68		19.90		18.68		19.90		21.69		22.90

<FR1 n78 (27Q)_PC1.5_Ant 6+8_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		21.85		22.90		21.85		22.90		24.86		25.90
100		1	137		21.80		22.90		21.80		22.90		24.81		25.90
100		1	271		21.72		22.90		21.72		22.90		24.73		25.90
100		135	0		21.74		22.90		21.74		22.90		24.75		25.90
100		135	69		21.82		22.90		21.82		22.90		24.83		25.90
100		135	138		21.63		22.90		21.63		22.90		24.64		25.90
100		270	0		21.80		22.90		21.80		22.90		24.81		25.90
100	QPSK	1	1		21.62		22.90		21.62		22.90		24.63		25.90
100		1	137		21.84		22.90		21.84		22.90		24.85		25.90
100		1	271		21.68		22.90		21.68		22.90		24.69		25.90
100		135	0		21.75		22.90		21.75		22.90		24.76		25.90
100		135	69		21.83		22.90		21.83		22.90		24.84		25.90



100		135	138		21.84		22.90		21.84		22.90		24.85		25.90
100		270	0		21.80		22.90		21.80		22.90		24.81		25.90
100	16QAM	1	1		21.74		22.90		21.74		22.90		24.75		25.90
100	64QAM	1	1		21.78		22.90		21.78		22.90		24.79		25.90
100	256QAM	1	1		21.70		22.90		21.70		22.90		24.71		25.90

<FR1 n78 (270)_HPUE_Ant 6+8_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		18.68		19.90		18.68		19.90		21.69		22.90
100		1	137		18.54		19.90		18.54		19.90		21.55		22.90
100		1	271		18.53		19.90		18.53		19.90		21.54		22.90
100		135	0		18.48		19.90		18.48		19.90		21.49		22.90
100		135	69		18.65		19.90		18.65		19.90		21.66		22.90
100		135	138		18.44		19.90		18.44		19.90		21.45		22.90
100		270	0		18.61		19.90		18.61		19.90		21.62		22.90
100	QPSK	1	1		18.64		19.90		18.64		19.90		21.65		22.90
100		1	137		18.60		19.90		18.60		19.90		21.61		22.90
100		1	271		18.57		19.90		18.57		19.90		21.58		22.90
100		135	0		18.56		19.90		18.56		19.90		21.57		22.90
100		135	69		18.50		19.90		18.50		19.90		21.51		22.90
100		135	138		18.49		19.90		18.49		19.90		21.50		22.90
100		270	0		18.59		19.90		18.59		19.90		21.60		22.90
100	16QAM	1	1		18.48		19.90		18.48		19.90		21.49		22.90
100	64QAM	1	1		18.47		19.90		18.47		19.90		21.48		22.90
100	256QAM	1	1		18.60		19.90		18.60		19.90		21.61		22.90

<FR1 n78 (270)_PC1.5_Ant 6+8_DSI6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		21.70		22.90		21.70		22.90		24.71		25.90
100		1	137		21.65		22.90		21.65		22.90		24.66		25.90
100		1	271		21.57		22.90		21.57		22.90		24.58		25.90
100		135	0		21.53		22.90		21.53		22.90		24.54		25.90
100		135	69		21.66		22.90		21.66		22.90		24.67		25.90
100		135	138		21.52		22.90		21.52		22.90		24.53		25.90
100		270	0		21.63		22.90		21.63		22.90		24.64		25.90
100	QPSK	1	1		21.60		22.90		21.60		22.90		24.61		25.90
100		1	137		21.67		22.90		21.67		22.90		24.68		25.90
100		1	271		21.60		22.90		21.60		22.90		24.61		25.90
100		135	0		21.48		22.90		21.48		22.90		24.49		25.90



100		135	69		21.47		22.90		21.47		22.90		24.48		25.90
100		135	138		21.51		22.90		21.51		22.90		24.52		25.90
100		270	0		21.67		22.90		21.67		22.90		24.68		25.90
100	16QAM	1	1		21.51		22.90		21.51		22.90		24.52		25.90
100	64QAM	1	1		21.48		22.90		21.48		22.90		24.49		25.90
100	256QAM	1	1		21.53		22.90		21.53		22.90		24.54		25.90

<FR1 n48_Ant 4+8_DSI12>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	10.18	10.21	10.17	11.20	10.18	10.21	10.17	11.20	13.19	13.22	13.18	14.20
40		1	53	10.11	10.16	10.14	11.20	10.11	10.16	10.14	11.20	13.12	13.17	13.15	14.20
40		1	104	10.14	10.06	10.05	11.20	10.14	10.06	10.05	11.20	13.15	13.07	13.06	14.20
40		50	0	10.11	10.11	10.02	11.20	10.11	10.11	10.02	11.20	13.12	13.12	13.03	14.20
40		50	28	10.18	10.19	10.17	11.20	10.18	10.19	10.17	11.20	13.19	13.20	13.18	14.20
40		50	56	10.06	10.16	10.05	11.20	10.06	10.16	10.05	11.20	13.07	13.17	13.06	14.20
40		100	0	10.14	10.15	10.03	11.20	10.14	10.15	10.03	11.20	13.15	13.16	13.04	14.20
40	QPSK	1	1	10.06	10.16	10.03	11.20	10.06	10.16	10.03	11.20	13.07	13.17	13.04	14.20
40		1	53	10.05	10.06	10.02	11.20	10.05	10.06	10.02	11.20	13.06	13.07	13.03	14.20
40		1	104	10.07	10.09	10.05	11.20	10.07	10.09	10.05	11.20	13.08	13.10	13.06	14.20
40		50	0	10.05	10.13	10.04	11.20	10.05	10.13	10.04	11.20	13.06	13.14	13.05	14.20
40		50	28	10.10	10.17	10.08	11.20	10.10	10.17	10.08	11.20	13.11	13.18	13.09	14.20
40		50	56	10.08	10.15	10.04	11.20	10.08	10.15	10.04	11.20	13.09	13.16	13.05	14.20
40		100	0	10.09	10.11	10.02	11.20	10.09	10.11	10.02	11.20	13.10	13.12	13.03	14.20
40	16QAM	1	1	10.07	10.09	10.09	11.20	10.07	10.09	10.09	11.20	13.08	13.10	13.10	14.20
40	64QAM	1	1	10.14	10.17	10.05	11.20	10.14	10.17	10.05	11.20	13.15	13.18	13.06	14.20
40	256QAM	1	1	10.10	10.15	10.11	11.20	10.10	10.15	10.11	11.20	13.11	13.16	13.12	14.20

**<FR1 n77 (27Q) HPUE_Ant 4+8_DSI12>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		9.13		10.00		9.13		10.00		12.14		13.00
100		1	137		9.06		10.00		9.06		10.00		12.07		13.00
100		1	271		9.04		10.00		9.04		10.00		12.05		13.00
100		135	0		9.03		10.00		9.03		10.00		12.04		13.00
100		135	69		9.10		10.00		9.10		10.00		12.11		13.00
100		135	138		9.07		10.00		9.07		10.00		12.08		13.00
100		270	0		9.06		10.00		9.06		10.00		12.07		13.00
100	QPSK	1	1		9.05		10.00		9.05		10.00		12.06		13.00
100		1	137		9.03		10.00		9.03		10.00		12.04		13.00
100		1	271		9.00		10.00		9.00		10.00		12.01		13.00
100		135	0		9.01		10.00		9.01		10.00		12.02		13.00
100		135	69		9.02		10.00		9.02		10.00		12.03		13.00
100		135	138		9.05		10.00		9.05		10.00		12.06		13.00
100		270	0		9.00		10.00		9.00		10.00		12.01		13.00
100	16QAM	1	1		9.09		10.00		9.09		10.00		12.10		13.00
100	64QAM	1	1		9.09		10.00		9.09		10.00		12.10		13.00
100	256QAM	1	1		9.06		10.00		9.06		10.00		12.07		13.00

<FR1 n77 (27Q)_PC1.5_Ant 4+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		12.15		13.00		12.15		13.00		15.16		16.00
100		1	137		12.11		13.00		12.11		13.00		15.12		16.00
100		1	271		12.01		13.00		12.01		13.00		15.02		16.00
100		135	0		12.08		13.00		12.08		13.00		15.09		16.00
100		135	69		12.13		13.00		12.13		13.00		15.14		16.00
100		135	138		12.07		13.00		12.07		13.00		15.08		16.00
100		270	0		12.11		13.00		12.11		13.00		15.12		16.00
100	QPSK	1	1		12.01		13.00		12.01		13.00		15.02		16.00
100		1	137		12.07		13.00		12.07		13.00		15.08		16.00
100		1	271		12.08		13.00		12.08		13.00		15.09		16.00
100		135	0		12.03		13.00		12.03		13.00		15.04		16.00
100		135	69		12.06		13.00		12.06		13.00		15.07		16.00
100		135	138		12.08		13.00		12.08		13.00		15.09		16.00
100		270	0		12.06		13.00		12.06		13.00		15.07		16.00
100	16QAM	1	1		12.11		13.00		12.11		13.00		15.12		16.00
100	64QAM	1	1		12.11		13.00		12.11		13.00		15.12		16.00



100	256QAM	1	1		12.12		13.00		12.12		13.00		15.13		16.00
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<FR1 n77 (270)_HPUE_Ant 4+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	9.21	9.25	9.13	10.00	9.21	9.25	9.13	10.00	12.22	12.26	12.14	13.00
100		1	137	9.17	9.19	8.99	10.00	9.17	9.19	8.99	10.00	12.18	12.20	12.00	13.00
100		1	271	9.14	9.15	9.09	10.00	9.14	9.15	9.09	10.00	12.15	12.16	12.10	13.00
100		135	0	9.13	9.21	9.09	10.00	9.13	9.21	9.09	10.00	12.14	12.22	12.10	13.00
100		135	69	9.10	9.23	9.05	10.00	9.10	9.23	9.05	10.00	12.11	12.24	12.06	13.00
100		135	138	9.14	9.18	9.00	10.00	9.14	9.18	9.00	10.00	12.15	12.19	12.01	13.00
100		270	0	9.15	9.10	9.00	10.00	9.15	9.10	9.00	10.00	12.16	12.11	12.01	13.00
100	QPSK	1	1	9.12	9.15	9.06	10.00	9.12	9.15	9.06	10.00	12.13	12.16	12.07	13.00
100		1	137	9.12	9.20	9.02	10.00	9.12	9.20	9.02	10.00	12.13	12.21	12.03	13.00
100		1	271	9.09	9.19	9.08	10.00	9.09	9.19	9.08	10.00	12.10	12.20	12.09	13.00
100		135	0	9.10	9.11	9.00	10.00	9.10	9.11	9.00	10.00	12.11	12.12	12.01	13.00
100		135	69	9.13	9.19	9.00	10.00	9.13	9.19	9.00	10.00	12.14	12.20	12.01	13.00
100		135	138	9.13	9.11	9.07	10.00	9.13	9.11	9.07	10.00	12.14	12.12	12.08	13.00
100		270	0	9.16	9.22	9.07	10.00	9.16	9.22	9.07	10.00	12.17	12.23	12.08	13.00
100	16QAM	1	1	9.18	9.14	9.09	10.00	9.18	9.14	9.09	10.00	12.19	12.15	12.10	13.00
100	64QAM	1	1	9.13	9.19	9.08	10.00	9.13	9.19	9.08	10.00	12.14	12.20	12.09	13.00
100	256QAM	1	1	9.14	9.11	9.10	10.00	9.14	9.11	9.10	10.00	12.15	12.12	12.11	13.00

<FR1 n77 (270)_PC1.5_Ant 4+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	12.23	12.25	12.21	13.00	12.23	12.25	12.21	13.00	15.24	15.26	15.22	16.00
100		1	137	12.17	12.17	12.10	13.00	12.17	12.17	12.10	13.00	15.18	15.18	15.11	16.00
100		1	271	12.11	12.22	12.10	13.00	12.11	12.22	12.10	13.00	15.12	15.23	15.11	16.00
100		135	0	12.09	12.21	12.07	13.00	12.09	12.21	12.07	13.00	15.10	15.22	15.08	16.00
100		135	69	12.11	12.23	12.15	13.00	12.11	12.23	12.15	13.00	15.12	15.24	15.16	16.00
100		135	138	12.10	12.16	12.17	13.00	12.10	12.16	12.17	13.00	15.11	15.17	15.18	16.00
100		270	0	12.19	12.21	12.09	13.00	12.19	12.21	12.09	13.00	15.20	15.22	15.10	16.00
100	QPSK	1	1	12.12	12.15	12.09	13.00	12.12	12.15	12.09	13.00	15.13	15.16	15.10	16.00
100		1	137	12.10	12.14	12.16	13.00	12.10	12.14	12.16	13.00	15.11	15.15	15.17	16.00
100		1	271	12.13	12.10	12.18	13.00	12.13	12.10	12.18	13.00	15.14	15.11	15.19	16.00
100		135	0	12.20	12.14	12.17	13.00	12.20	12.14	12.17	13.00	15.21	15.15	15.18	16.00
100		135	69	12.08	12.14	12.12	13.00	12.08	12.14	12.12	13.00	15.09	15.15	15.13	16.00
100		135	138	12.12	12.19	12.11	13.00	12.12	12.19	12.11	13.00	15.13	15.20	15.12	16.00
100		270	0	12.17	12.11	12.13	13.00	12.17	12.11	12.13	13.00	15.18	15.12	15.14	16.00
100	16QAM	1	1	12.09	12.11	12.12	13.00	12.09	12.11	12.12	13.00	15.10	15.12	15.13	16.00



100	64QAM	1	1	12.10	12.14	12.10	13.00	12.10	12.14	12.10	13.00	15.11	15.15	15.11	16.00
100	256QAM	1	1	12.14	12.19	12.10	13.00	12.14	12.19	12.10	13.00	15.15	15.20	15.11	16.00

<FR1 n78 (27Q)_HPUE_Ant 4+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		9.13		10.00		9.13		10.00		12.14		13.00
100		1	137		9.06		10.00		9.06		10.00		12.07		13.00
100		1	271		9.08		10.00		9.08		10.00		12.09		13.00
100		135	0		9.00		10.00		9.00		10.00		12.01		13.00
100		135	69		9.09		10.00		9.09		10.00		12.10		13.00
100		135	138		9.06		10.00		9.06		10.00		12.07		13.00
100		270	0		9.07		10.00		9.07		10.00		12.08		13.00
100	QPSK	1	1		9.02		10.00		9.02		10.00		12.03		13.00
100		1	137		9.04		10.00		9.04		10.00		12.05		13.00
100		1	271		9.08		10.00		9.08		10.00		12.09		13.00
100		135	0		8.99		10.00		8.99		10.00		12.00		13.00
100		135	69		9.00		10.00		9.00		10.00		12.01		13.00
100		135	138		9.03		10.00		9.03		10.00		12.04		13.00
100		270	0		9.08		10.00		9.08		10.00		12.09		13.00
100	16QAM	1	1		9.03		10.00		9.03		10.00		12.04		13.00
100	64QAM	1	1		9.01		10.00		9.01		10.00		12.02		13.00
100	256QAM	1	1		9.10		10.00		9.10		10.00		12.11		13.00

<FR1 n78 (27Q)_PC1.5_Ant 4+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		12.13		13.00		12.13		13.00		15.14		16.00
100		1	137		12.07		13.00		12.07		13.00		15.08		16.00
100		1	271		12.09		13.00		12.09		13.00		15.10		16.00
100		135	0		12.05		13.00		12.05		13.00		15.06		16.00
100		135	69		12.09		13.00		12.09		13.00		15.10		16.00
100		135	138		12.07		13.00		12.07		13.00		15.08		16.00
100		270	0		12.08		13.00		12.08		13.00		15.09		16.00
100	QPSK	1	1		12.07		13.00		12.07		13.00		15.08		16.00
100		1	137		11.98		13.00		11.98		13.00		14.99		16.00
100		1	271		12.06		13.00		12.06		13.00		15.07		16.00
100		135	0		12.05		13.00		12.05		13.00		15.06		16.00
100		135	69		12.05		13.00		12.05		13.00		15.06		16.00
100		135	138		12.03		13.00		12.03		13.00		15.04		16.00
100		270	0		11.99		13.00		11.99		13.00		15.00		16.00



FCC SAR Test Report

Report No. : FA5N1310

100	16QAM	1	1		12.04		13.00		12.04		13.00		15.05		16.00
100	64QAM	1	1		12.08		13.00		12.08		13.00		15.09		16.00
100	256QAM	1	1		12.08		13.00		12.08		13.00		15.09		16.00

<FR1 n78 (270)_HPUE_Ant 4+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		9.16		10.00		9.16		10.00		12.17		13.00
100		1	137		9.12		10.00		9.12		10.00		12.13		13.00
100		1	271		9.02		10.00		9.02		10.00		12.03		13.00
100		135	0		9.01		10.00		9.01		10.00		12.02		13.00
100		135	69		9.15		10.00		9.15		10.00		12.16		13.00
100		135	138		9.05		10.00		9.05		10.00		12.06		13.00
100		270	0		9.07		10.00		9.07		10.00		12.08		13.00
100	QPSK	1	1		9.07		10.00		9.07		10.00		12.08		13.00
100		1	137		9.11		10.00		9.11		10.00		12.12		13.00
100		1	271		9.05		10.00		9.05		10.00		12.06		13.00
100		135	0		9.02		10.00		9.02		10.00		12.03		13.00
100		135	69		9.01		10.00		9.01		10.00		12.02		13.00
100		135	138		9.05		10.00		9.05		10.00		12.06		13.00
100		270	0		9.09		10.00		9.09		10.00		12.10		13.00
100	16QAM	1	1		9.04		10.00		9.04		10.00		12.05		13.00
100	64QAM	1	1		9.05		10.00		9.05		10.00		12.06		13.00
100	256QAM	1	1		9.02		10.00		9.02		10.00		12.03		13.00

<FR1 n78 (270)_PC1.5_Ant 4+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		12.15		13.00		12.15		13.00		15.16		16.00
100		1	137		12.05		13.00		12.05		13.00		15.06		16.00
100		1	271		12.03		13.00		12.03		13.00		15.04		16.00
100		135	0		12.12		13.00		12.12		13.00		15.13		16.00
100		135	69		12.14		13.00		12.14		13.00		15.15		16.00
100		135	138		12.10		13.00		12.10		13.00		15.11		16.00
100		270	0		12.08		13.00		12.08		13.00		15.09		16.00
100	QPSK	1	1		12.09		13.00		12.09		13.00		15.10		16.00
100		1	137		12.06		13.00		12.06		13.00		15.07		16.00
100		1	271		12.02		13.00		12.02		13.00		15.03		16.00
100		135	0		12.09		13.00		12.09		13.00		15.10		16.00
100		135	69		12.12		13.00		12.12		13.00		15.13		16.00
100		135	138		12.05		13.00		12.05		13.00		15.06		16.00



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100		270	0		12.12		13.00		12.12		13.00		15.13		16.00
100	16QAM	1	1		12.01		13.00		12.01		13.00		15.02		16.00
100	64QAM	1	1		12.04		13.00		12.04		13.00		15.05		16.00
100	256QAM	1	1		12.09		13.00		12.09		13.00		15.10		16.00

<FR1 n48_Ant 6+8_DSI12>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	10.06	10.17	10.17	11.20	10.18	10.21	10.17	11.20	13.13	13.20	13.18	14.20
40		1	53	10.06	10.02	10.07	11.20	10.11	10.16	10.14	11.20	13.10	13.10	13.12	14.20
40		1	104	10.10	10.01	10.00	11.20	10.14	10.06	10.05	11.20	13.13	13.05	13.04	14.20
40		50	0	9.98	9.99	9.91	11.20	10.11	10.11	10.02	11.20	13.06	13.06	12.98	14.20
40		50	28	10.04	10.15	10.12	11.20	10.18	10.19	10.17	11.20	13.12	13.18	13.16	14.20
40		50	56	9.98	10.14	10.03	11.20	10.06	10.16	10.05	11.20	13.03	13.16	13.05	14.20
40		100	0	10.08	10.11	9.94	11.20	10.14	10.15	10.03	11.20	13.12	13.14	13.00	14.20
40	QPSK	1	1	9.98	10.14	9.91	11.20	10.06	10.16	10.03	11.20	13.03	13.16	12.98	14.20
40		1	53	9.93	9.99	9.88	11.20	10.05	10.06	10.02	11.20	13.00	13.04	12.96	14.20
40		1	104	9.93	10.00	9.94	11.20	10.07	10.09	10.05	11.20	13.01	13.06	13.01	14.20
40		50	0	10.02	10.13	9.99	11.20	10.05	10.13	10.04	11.20	13.05	13.14	13.03	14.20
40		50	28	10.00	10.10	10.00	11.20	10.10	10.17	10.08	11.20	13.06	13.15	13.05	14.20
40		50	56	10.08	10.06	9.97	11.20	10.08	10.15	10.04	11.20	13.09	13.12	13.02	14.20
40		100	0	10.04	10.07	9.89	11.20	10.09	10.11	10.02	11.20	13.08	13.10	12.97	14.20
40	16QAM	1	1	10.03	10.00	9.98	11.20	10.07	10.09	10.09	11.20	13.06	13.06	13.05	14.20
40	64QAM	1	1	10.12	10.13	9.93	11.20	10.14	10.17	10.05	11.20	13.14	13.16	13.00	14.20
40	256QAM	1	1	10.01	10.06	10.00	11.20	10.10	10.15	10.11	11.20	13.07	13.12	13.07	14.20

<FR1 n77 (27Q) HPUE_Ant 6+8_DSI12>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		9.09		10.00		9.13		10.00		12.12		13.00
100		1	137		8.96		10.00		9.06		10.00		12.02		13.00
100		1	271		8.98		10.00		9.04		10.00		12.02		13.00
100		135	0		8.89		10.00		9.03		10.00		11.97		13.00
100		135	69		9.05		10.00		9.10		10.00		12.09		13.00
100		135	138		9.01		10.00		9.07		10.00		12.05		13.00
100		270	0		9.06		10.00		9.06		10.00		12.07		13.00
100	QPSK	1	1		8.98		10.00		9.05		10.00		12.03		13.00
100		1	137		8.91		10.00		9.03		10.00		11.98		13.00
100		1	271		8.95		10.00		9.00		10.00		11.99		13.00
100		135	0		8.98		10.00		9.01		10.00		12.01		13.00
100		135	69		8.97		10.00		9.02		10.00		12.01		13.00



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100		135	138		8.98		10.00		9.05		10.00		12.03		13.00
100		270	0		8.88		10.00		9.00		10.00		11.95		13.00
100	16QAM	1	1		8.97		10.00		9.09		10.00		12.04		13.00
100	64QAM	1	1		8.97		10.00		9.09		10.00		12.04		13.00
100	256QAM	1	1		8.99		10.00		9.06		10.00		12.04		13.00

<FR1 n77 (27Q)_PC1.5_Ant 6+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		12.11		13.00		12.15		13.00		15.14		16.00
100		1	137		11.99		13.00		12.11		13.00		15.06		16.00
100		1	271		12.00		13.00		12.01		13.00		15.02		16.00
100		135	0		11.95		13.00		12.08		13.00		15.03		16.00
100		135	69		12.08		13.00		12.13		13.00		15.12		16.00
100		135	138		11.96		13.00		12.07		13.00		15.03		16.00
100		270	0		12.03		13.00		12.11		13.00		15.08		16.00
100	QPSK	1	1		11.94		13.00		12.01		13.00		14.99		16.00
100		1	137		12.00		13.00		12.07		13.00		15.05		16.00
100		1	271		11.99		13.00		12.08		13.00		15.05		16.00
100		135	0		12.02		13.00		12.03		13.00		15.04		16.00
100		135	69		11.93		13.00		12.06		13.00		15.01		16.00
100		135	138		11.97		13.00		12.08		13.00		15.04		16.00
100		270	0		11.96		13.00		12.06		13.00		15.02		16.00
100	16QAM	1	1		12.05		13.00		12.11		13.00		15.09		16.00
100	64QAM	1	1		11.99		13.00		12.11		13.00		15.06		16.00
100	256QAM	1	1		12.10		13.00		12.12		13.00		15.12		16.00

<FR1 n77 (27Q)_HPUE_Ant 6+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	9.12	9.25	9.02	10.00	9.21	9.25	9.13	10.00	12.18	12.26	12.09	13.00
100		1	137	9.10	9.18	8.91	10.00	9.17	9.19	8.99	10.00	12.15	12.20	11.96	13.00
100		1	271	9.07	9.08	9.06	10.00	9.14	9.15	9.09	10.00	12.12	12.13	12.09	13.00
100		135	0	9.09	9.13	8.99	10.00	9.13	9.21	9.09	10.00	12.12	12.18	12.05	13.00
100		135	69	9.01	9.21	8.90	10.00	9.10	9.23	9.05	10.00	12.07	12.23	11.99	13.00
100		135	138	9.13	9.04	8.85	10.00	9.14	9.18	9.00	10.00	12.15	12.12	11.94	13.00
100		270	0	9.10	9.05	8.88	10.00	9.15	9.10	9.00	10.00	12.14	12.09	11.95	13.00
100	QPSK	1	1	9.03	9.03	8.97	10.00	9.12	9.15	9.06	10.00	12.09	12.10	12.03	13.00
100		1	137	9.05	9.19	8.88	10.00	9.12	9.20	9.02	10.00	12.10	12.21	11.96	13.00
100		1	271	8.96	9.15	8.99	10.00	9.09	9.19	9.08	10.00	12.04	12.18	12.05	13.00
100		135	0	9.03	9.04	8.86	10.00	9.10	9.11	9.00	10.00	12.08	12.09	11.94	13.00



100		135	69	9.07	9.05	8.96	10.00	9.13	9.19	9.00	10.00	12.11	12.13	11.99	13.00
100		135	138	9.13	9.08	9.01	10.00	9.13	9.11	9.07	10.00	12.14	12.11	12.05	13.00
100		270	0	9.03	9.20	9.02	10.00	9.16	9.22	9.07	10.00	12.11	12.22	12.06	13.00
100	16QAM	1	1	9.12	9.09	9.02	10.00	9.18	9.14	9.09	10.00	12.16	12.13	12.07	13.00
100	64QAM	1	1	9.03	9.05	8.93	10.00	9.13	9.19	9.08	10.00	12.09	12.13	12.02	13.00
100	256QAM	1	1	9.12	8.99	9.03	10.00	9.14	9.11	9.10	10.00	12.14	12.06	12.08	13.00

<FR1 n77 (270)_PC1.5_Ant 6+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	12.18	12.18	12.06	13.00	12.23	12.25	12.21	13.00	15.22	15.23	15.15	16.00
100		1	137	12.15	12.06	12.02	13.00	12.17	12.17	12.10	13.00	15.17	15.13	15.07	16.00
100		1	271	12.04	12.09	11.99	13.00	12.11	12.22	12.10	13.00	15.09	15.17	15.06	16.00
100		135	0	12.00	12.14	12.03	13.00	12.09	12.21	12.07	13.00	15.06	15.19	15.06	16.00
100		135	69	12.00	12.10	12.01	13.00	12.11	12.23	12.15	13.00	15.07	15.18	15.09	16.00
100		135	138	12.09	12.15	12.07	13.00	12.10	12.16	12.17	13.00	15.11	15.17	15.13	16.00
100		270	0	12.12	12.10	12.03	13.00	12.19	12.21	12.09	13.00	15.17	15.17	15.07	16.00
100	QPSK	1	1	11.98	12.11	11.99	13.00	12.12	12.15	12.09	13.00	15.06	15.14	15.05	16.00
100		1	137	12.01	12.01	12.07	13.00	12.10	12.14	12.16	13.00	15.07	15.09	15.13	16.00
100		1	271	12.08	12.09	12.14	13.00	12.13	12.10	12.18	13.00	15.12	15.11	15.17	16.00
100		135	0	12.12	12.00	12.11	13.00	12.20	12.14	12.17	13.00	15.17	15.08	15.15	16.00
100		135	69	12.04	12.13	12.06	13.00	12.08	12.14	12.12	13.00	15.07	15.15	15.10	16.00
100		135	138	12.10	12.11	12.05	13.00	12.12	12.19	12.11	13.00	15.12	15.16	15.09	16.00
100		270	0	12.04	12.09	12.04	13.00	12.17	12.11	12.13	13.00	15.12	15.11	15.10	16.00
100	16QAM	1	1	12.03	12.09	12.07	13.00	12.09	12.11	12.12	13.00	15.07	15.11	15.11	16.00
100	64QAM	1	1	12.07	12.05	12.06	13.00	12.10	12.14	12.10	13.00	15.10	15.11	15.09	16.00
100	256QAM	1	1	12.08	12.06	12.05	13.00	12.14	12.19	12.10	13.00	15.12	15.14	15.09	16.00

**<FR1 n78 (27Q)_HPUE_Ant 6+8_DSI12>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		9.08		10.00		9.13		10.00		12.12		13.00
100		1	137		9.01		10.00		9.06		10.00		12.05		13.00
100		1	271		9.00		10.00		9.08		10.00		12.05		13.00
100		135	0		8.86		10.00		9.00		10.00		11.94		13.00
100		135	69		9.05		10.00		9.09		10.00		12.08		13.00
100		135	138		8.92		10.00		9.06		10.00		12.00		13.00
100		270	0		8.92		10.00		9.07		10.00		12.01		13.00
100	QPSK	1	1		8.91		10.00		9.02		10.00		11.98		13.00
100		1	137		8.91		10.00		9.04		10.00		11.99		13.00
100		1	271		9.01		10.00		9.08		10.00		12.06		13.00
100		135	0		8.89		10.00		8.99		10.00		11.95		13.00
100		135	69		8.93		10.00		9.00		10.00		11.98		13.00
100		135	138		8.90		10.00		9.03		10.00		11.98		13.00
100		270	0		9.03		10.00		9.08		10.00		12.07		13.00
100	16QAM	1	1		8.95		10.00		9.03		10.00		12.00		13.00
100	64QAM	1	1		8.86		10.00		9.01		10.00		11.95		13.00
100	256QAM	1	1		9.06		10.00		9.10		10.00		12.09		13.00

<FR1 n78 (27Q)_PC1.5_Ant 6+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		12.08		13.00		12.13		13.00		15.12		16.00
100		1	137		11.93		13.00		12.07		13.00		15.01		16.00
100		1	271		12.05		13.00		12.09		13.00		15.08		16.00
100		135	0		11.91		13.00		12.05		13.00		14.99		16.00
100		135	69		12.00		13.00		12.09		13.00		15.06		16.00
100		135	138		11.95		13.00		12.07		13.00		15.02		16.00
100		270	0		11.97		13.00		12.08		13.00		15.04		16.00
100	QPSK	1	1		11.95		13.00		12.07		13.00		15.02		16.00
100		1	137		11.89		13.00		11.98		13.00		14.95		16.00
100		1	271		12.05		13.00		12.06		13.00		15.07		16.00
100		135	0		11.91		13.00		12.05		13.00		14.99		16.00
100		135	69		12.01		13.00		12.05		13.00		15.04		16.00
100		135	138		11.96		13.00		12.03		13.00		15.01		16.00
100		270	0		11.84		13.00		11.99		13.00		14.93		16.00
100	16QAM	1	1		11.90		13.00		12.04		13.00		14.98		16.00
100	64QAM	1	1		11.98		13.00		12.08		13.00		15.04		16.00



100	256QAM	1	1		11.98		13.00		12.08		13.00		15.04		16.00
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<FR1 n78 (270)_HPUE_Ant 6+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		9.11		10.00		9.16		10.00		12.15		13.00
100		1	137		9.09		10.00		9.12		10.00		12.12		13.00
100		1	271		8.95		10.00		9.02		10.00		12.00		13.00
100		135	0		8.94		10.00		9.01		10.00		11.99		13.00
100		135	69		9.00		10.00		9.15		10.00		12.09		13.00
100		135	138		8.99		10.00		9.05		10.00		12.03		13.00
100		270	0		8.96		10.00		9.07		10.00		12.03		13.00
100	QPSK	1	1		9.02		10.00		9.07		10.00		12.06		13.00
100		1	137		8.97		10.00		9.11		10.00		12.05		13.00
100		1	271		8.98		10.00		9.05		10.00		12.03		13.00
100		135	0		8.97		10.00		9.02		10.00		12.01		13.00
100		135	69		8.87		10.00		9.01		10.00		11.95		13.00
100		135	138		8.91		10.00		9.05		10.00		11.99		13.00
100		270	0		9.06		10.00		9.09		10.00		12.09		13.00
100	16QAM	1	1		8.90		10.00		9.04		10.00		11.98		13.00
100	64QAM	1	1		8.93		10.00		9.05		10.00		12.00		13.00
100	256QAM	1	1		9.01		10.00		9.02		10.00		12.03		13.00

<FR1 n78 (270)_PC1.5_Ant 6+8_DSI12>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		12.11		13.00		12.15		13.00		15.14		16.00
100		1	137		12.04		13.00		12.05		13.00		15.06		16.00
100		1	271		12.03		13.00		12.03		13.00		15.04		16.00
100		135	0		12.03		13.00		12.12		13.00		15.09		16.00
100		135	69		12.07		13.00		12.14		13.00		15.12		16.00
100		135	138		12.03		13.00		12.10		13.00		15.08		16.00
100		270	0		12.01		13.00		12.08		13.00		15.06		16.00
100	QPSK	1	1		12.06		13.00		12.09		13.00		15.09		16.00
100		1	137		12.04		13.00		12.06		13.00		15.06		16.00
100		1	271		11.95		13.00		12.02		13.00		15.00		16.00
100		135	0		11.96		13.00		12.09		13.00		15.04		16.00
100		135	69		12.12		13.00		12.12		13.00		15.13		16.00
100		135	138		11.99		13.00		12.05		13.00		15.03		16.00
100		270	0		12.10		13.00		12.12		13.00		15.12		16.00
100	16QAM	1	1		11.91		13.00		12.01		13.00		14.97		16.00



100	64QAM	1	1		11.96		13.00		12.04		13.00		15.01		16.00
100	256QAM	1	1		12.09		13.00		12.09		13.00		15.10		16.00

<FR1 n48_Ant 4+8_DSI7>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.02	19.06	19.00	20.30	19.02	19.06	19.00	20.30	22.03	22.07	22.01	23.30
40		1	53	18.78	18.84	18.68	20.30	18.78	18.84	18.68	20.30	21.79	21.85	21.69	23.30
40		1	104	18.78	18.88	18.74	20.30	18.78	18.88	18.74	20.30	21.79	21.89	21.75	23.30
40		50	0	18.68	18.86	18.71	20.30	18.68	18.86	18.71	20.30	21.69	21.87	21.72	23.30
40		50	28	18.96	19.02	18.99	20.30	18.96	19.02	18.99	20.30	21.97	22.03	22.00	23.30
40		50	56	18.92	19.02	18.92	20.30	18.92	19.02	18.92	20.30	21.93	22.03	21.93	23.30
40		100	0	18.74	18.92	18.72	20.30	18.74	18.92	18.72	20.30	21.75	21.93	21.73	23.30
40	QPSK	1	1	18.76	18.91	18.74	20.30	18.76	18.91	18.74	20.30	21.77	21.92	21.75	23.30
40		1	53	18.89	19.03	18.87	20.30	18.89	19.03	18.87	20.30	21.90	22.04	21.88	23.30
40		1	104	18.88	18.96	18.84	20.30	18.88	18.96	18.84	20.30	21.89	21.97	21.85	23.30
40		50	0	18.72	18.86	18.66	20.30	18.72	18.86	18.66	20.30	21.73	21.87	21.67	23.30
40		50	28	18.86	18.95	18.79	20.30	18.86	18.95	18.79	20.30	21.87	21.96	21.80	23.30
40		50	56	18.84	18.99	18.80	20.30	18.84	18.99	18.80	20.30	21.85	22.00	21.81	23.30
40		100	0	18.75	18.85	18.77	20.30	18.75	18.85	18.77	20.30	21.76	21.86	21.78	23.30
40	16QAM	1	1	18.88	19.04	18.93	20.30	18.88	19.04	18.93	20.30	21.89	22.05	21.94	23.30
40	64QAM	1	1	18.81	18.90	18.82	20.30	18.81	18.90	18.82	20.30	21.82	21.91	21.83	23.30
40	256QAM	1	1	18.72	18.86	18.74	20.30	18.72	18.86	18.74	20.30	21.73	21.87	21.75	23.30

<FR1 n77 (27Q) HPUE_Ant 4+8_DSI7>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		17.89		18.90		17.89		18.90		20.90		21.90
100		1	137		17.66		18.90		17.66		18.90		20.67		21.90
100		1	271		17.84		18.90		17.84		18.90		20.85		21.90
100		135	0		17.71		18.90		17.71		18.90		20.72		21.90
100		135	69		17.87		18.90		17.87		18.90		20.88		21.90
100		135	138		17.74		18.90		17.74		18.90		20.75		21.90
100		270	0		17.86		18.90		17.86		18.90		20.87		21.90
100	QPSK	1	1		17.74		18.90		17.74		18.90		20.75		21.90
100		1	137		17.67		18.90		17.67		18.90		20.68		21.90
100		1	271		17.70		18.90		17.70		18.90		20.71		21.90
100		135	0		17.67		18.90		17.67		18.90		20.68		21.90
100		135	69		17.68		18.90		17.68		18.90		20.69		21.90
100		135	138		17.72		18.90		17.72		18.90		20.73		21.90
100		270	0		17.68		18.90		17.68		18.90		20.69		21.90



100	16QAM	1	1		17.68		18.90		17.68		18.90		20.69		21.90
100	64QAM	1	1		17.82		18.90		17.82		18.90		20.83		21.90
100	256QAM	1	1		17.66		18.90		17.66		18.90		20.67		21.90

<FR1 n77 (27Q)_PC1.5_Ant 4+8_DSI7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		20.88		21.90		20.88		21.90		23.89		24.90
100		1	137		20.71		21.90		20.71		21.90		23.72		24.90
100		1	271		20.81		21.90		20.81		21.90		23.82		24.90
100		135	0		20.79		21.90		20.79		21.90		23.80		24.90
100		135	69		20.85		21.90		20.85		21.90		23.86		24.90
100		135	138		20.80		21.90		20.80		21.90		23.81		24.90
100		270	0		20.82		21.90		20.82		21.90		23.83		24.90
100	QPSK	1	1		20.71		21.90		20.71		21.90		23.72		24.90
100		1	137		20.65		21.90		20.65		21.90		23.66		24.90
100		1	271		20.68		21.90		20.68		21.90		23.69		24.90
100		135	0		20.63		21.90		20.63		21.90		23.64		24.90
100		135	69		20.68		21.90		20.68		21.90		23.69		24.90
100		135	138		20.83		21.90		20.83		21.90		23.84		24.90
100		270	0		20.68		21.90		20.68		21.90		23.69		24.90
100	16QAM	1	1		20.65		21.90		20.65		21.90		23.66		24.90
100	64QAM	1	1		20.78		21.90		20.78		21.90		23.79		24.90
100	256QAM	1	1		20.72		21.90		20.72		21.90		23.73		24.90

<FR1 n77 (27Q)_HPUE_Ant 4+8_DSI7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	17.74	17.80	17.77	18.90	17.74	17.80	17.77	18.90	20.75	20.81	20.78	21.90
100		1	137	17.42	17.56	17.45	18.90	17.42	17.56	17.45	18.90	20.43	20.57	20.46	21.90
100		1	271	17.61	17.79	17.74	18.90	17.61	17.79	17.74	18.90	20.62	20.80	20.75	21.90
100		135	0	17.68	17.77	17.65	18.90	17.68	17.77	17.65	18.90	20.69	20.78	20.66	21.90
100		135	69	17.73	17.79	17.75	18.90	17.73	17.79	17.75	18.90	20.74	20.80	20.76	21.90
100		135	138	17.42	17.55	17.46	18.90	17.42	17.55	17.46	18.90	20.43	20.56	20.47	21.90
100		270	0	17.61	17.74	17.65	18.90	17.61	17.74	17.65	18.90	20.62	20.75	20.66	21.90
100	QPSK	1	1	17.56	17.67	17.59	18.90	17.56	17.67	17.59	18.90	20.57	20.68	20.60	21.90
100		1	137	17.62	17.71	17.57	18.90	17.62	17.71	17.57	18.90	20.63	20.72	20.58	21.90
100		1	271	17.55	17.70	17.58	18.90	17.55	17.70	17.58	18.90	20.56	20.71	20.59	21.90
100		135	0	17.63	17.73	17.58	18.90	17.63	17.73	17.58	18.90	20.64	20.74	20.59	21.90
100		135	69	17.54	17.71	17.66	18.90	17.54	17.71	17.66	18.90	20.55	20.72	20.67	21.90
100		135	138	17.63	17.77	17.68	18.90	17.63	17.77	17.68	18.90	20.64	20.78	20.69	21.90



100		270	0	17.54	17.69	17.54	18.90	17.54	17.69	17.54	18.90	20.55	20.70	20.55	21.90
100	16QAM	1	1	17.62	17.71	17.60	18.90	17.62	17.71	17.60	18.90	20.63	20.72	20.61	21.90
100	64QAM	1	1	17.47	17.62	17.56	18.90	17.47	17.62	17.56	18.90	20.48	20.63	20.57	21.90
100	256QAM	1	1	17.58	17.67	17.55	18.90	17.58	17.67	17.55	18.90	20.59	20.68	20.56	21.90

<FR1 n77 (270)_PC1.5_Ant 4+8_DSI7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	20.91	20.98	20.96	21.90	20.91	20.98	20.96	21.90	23.92	23.99	23.97	24.90
100		1	137	20.72	20.87	20.84	21.90	20.72	20.87	20.84	21.90	23.73	23.88	23.85	24.90
100		1	271	20.67	20.81	20.66	21.90	20.67	20.81	20.66	21.90	23.68	23.82	23.67	24.90
100		135	0	20.53	20.71	20.61	21.90	20.53	20.71	20.61	21.90	23.54	23.72	23.62	24.90
100		135	69	20.95	20.97	20.92	21.90	20.95	20.97	20.92	21.90	23.96	23.98	23.93	24.90
100		135	138	20.59	20.75	20.64	21.90	20.59	20.75	20.64	21.90	23.60	23.76	23.65	24.90
100		270	0	20.75	20.92	20.85	21.90	20.75	20.92	20.85	21.90	23.76	23.93	23.86	24.90
100	QPSK	1	1	20.65	20.80	20.74	21.90	20.65	20.80	20.74	21.90	23.66	23.81	23.75	24.90
100		1	137	20.64	20.77	20.67	21.90	20.64	20.77	20.67	21.90	23.65	23.78	23.68	24.90
100		1	271	20.74	20.89	20.80	21.90	20.74	20.89	20.80	21.90	23.75	23.90	23.81	24.90
100		135	0	20.54	20.70	20.63	21.90	20.54	20.70	20.63	21.90	23.55	23.71	23.64	24.90
100		135	69	20.61	20.80	20.65	21.90	20.61	20.80	20.65	21.90	23.62	23.81	23.66	24.90
100		135	138	20.68	20.78	20.75	21.90	20.68	20.78	20.75	21.90	23.69	23.79	23.76	24.90
100		270	0	20.55	20.73	20.65	21.90	20.55	20.73	20.65	21.90	23.56	23.74	23.66	24.90
100	16QAM	1	1	20.51	20.71	20.55	21.90	20.51	20.71	20.55	21.90	23.52	23.72	23.56	24.90
100	64QAM	1	1	20.58	20.73	20.64	21.90	20.58	20.73	20.64	21.90	23.59	23.74	23.65	24.90
100	256QAM	1	1	20.69	20.81	20.70	21.90	20.69	20.81	20.70	21.90	23.70	23.82	23.71	24.90

<FR1 n78 (27Q)_HPUE_Ant 4+8_DSI7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		Tune-up Limit (dBm)		633332		Tune-up Limit (dBm)		633332		Tune-up Limit (dBm)
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		17.83		18.90		17.83		18.90		20.84		21.90
100		1	137		17.73		18.90		17.73		18.90		20.74		21.90
100		1	271		17.82		18.90		17.82		18.90		20.83		21.90
100		135	0		17.66		18.90		17.66		18.90		20.67		21.90
100		135	69		17.81		18.90		17.81		18.90		20.82		21.90
100		135	138		17.77		18.90		17.77		18.90		20.78		21.90
100		270	0		17.78		18.90		17.78		18.90		20.79		21.90
100	QPSK	1	1		17.64		18.90		17.64		18.90		20.65		21.90
100		1	137		17.66		18.90		17.66		18.90		20.67		21.90
100		1	271		17.68		18.90		17.68		18.90		20.69		21.90
100		135	0		17.61		18.90		17.61		18.90		20.62		21.90
100		135	69		17.73		18.90		17.73		18.90		20.74		21.90



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100		135	138		17.77		18.90		17.77		18.90		20.78		21.90
100		270	0		17.66		18.90		17.66		18.90		20.67		21.90
100	16QAM	1	1		17.79		18.90		17.79		18.90		20.80		21.90
100	64QAM	1	1		17.79		18.90		17.79		18.90		20.80		21.90
100	256QAM	1	1		17.61		18.90		17.61		18.90		20.62		21.90

<FR1 n78 (27Q)_PC1.5_Ant 4+8_DSI7>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		20.91		21.90		20.91		21.90		23.92		24.90
100		1	137		20.78		21.90		20.78		21.90		23.79		24.90
100		1	271		20.63		21.90		20.63		21.90		23.64		24.90
100		135	0		20.84		21.90		20.84		21.90		23.85		24.90
100		135	69		20.88		21.90		20.88		21.90		23.89		24.90
100		135	138		20.77		21.90		20.77		21.90		23.78		24.90
100		270	0		20.83		21.90		20.83		21.90		23.84		24.90
100	QPSK	1	1		20.69		21.90		20.69		21.90		23.70		24.90
100		1	137		20.76		21.90		20.76		21.90		23.77		24.90
100		1	271		20.64		21.90		20.64		21.90		23.65		24.90
100		135	0		20.67		21.90		20.67		21.90		23.68		24.90
100		135	69		20.69		21.90		20.69		21.90		23.70		24.90
100		135	138		20.71		21.90		20.71		21.90		23.72		24.90
100		270	0		20.72		21.90		20.72		21.90		23.73		24.90
100	16QAM	1	1		20.69		21.90		20.69		21.90		23.70		24.90
100	64QAM	1	1		20.73		21.90		20.73		21.90		23.74		24.90
100	256QAM	1	1		20.79		21.90		20.79		21.90		23.80		24.90

<FR1 n78 (27O)_HPUE_Ant 4+8_DSI7>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		17.67		18.90		17.67		18.90		20.68		21.90
100		1	137		17.57		18.90		17.57		18.90		20.58		21.90
100		1	271		17.61		18.90		17.61		18.90		20.62		21.90
100		135	0		17.47		18.90		17.47		18.90		20.48		21.90
100		135	69		17.64		18.90		17.64		18.90		20.65		21.90
100		135	138		17.57		18.90		17.57		18.90		20.58		21.90
100		270	0		17.61		18.90		17.61		18.90		20.62		21.90
100	QPSK	1	1		17.64		18.90		17.64		18.90		20.65		21.90
100		1	137		17.46		18.90		17.46		18.90		20.47		21.90
100		1	271		17.59		18.90		17.59		18.90		20.60		21.90
100		135	0		17.58		18.90		17.58		18.90		20.59		21.90

100		135	69		17.53		18.90		17.53		18.90		20.54		21.90
100		135	138		17.63		18.90		17.63		18.90		20.64		21.90
100		270	0		17.58		18.90		17.58		18.90		20.59		21.90
100	16QAM	1	1		17.45		18.90		17.45		18.90		20.46		21.90
100	64QAM	1	1		17.59		18.90		17.59		18.90		20.60		21.90
100	256QAM	1	1		17.50		18.90		17.50		18.90		20.51		21.90

<FR1 n78 (270)_PC1.5_Ant 4+8_DSI7>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		20.70		21.90		20.70		21.90		23.71		24.90
100		1	137		20.53		21.90		20.53		21.90		23.54		24.90
100		1	271		20.68		21.90		20.68		21.90		23.69		24.90
100		135	0		20.53		21.90		20.53		21.90		23.54		24.90
100		135	69		20.68		21.90		20.68		21.90		23.69		24.90
100		135	138		20.48		21.90		20.48		21.90		23.49		24.90
100		270	0		20.67		21.90		20.67		21.90		23.68		24.90
100	QPSK	1	1		20.56		21.90		20.56		21.90		23.57		24.90
100		1	137		20.58		21.90		20.58		21.90		23.59		24.90
100		1	271		20.64		21.90		20.64		21.90		23.65		24.90
100		135	0		20.49		21.90		20.49		21.90		23.50		24.90
100		135	69		20.58		21.90		20.58		21.90		23.59		24.90
100		135	138		20.63		21.90		20.63		21.90		23.64		24.90
100		270	0		20.48		21.90		20.48		21.90		23.49		24.90
100	16QAM	1	1		20.47		21.90		20.47		21.90		23.48		24.90
100	64QAM	1	1		20.55		21.90		20.55		21.90		23.56		24.90
100	256QAM	1	1		20.49		21.90		20.49		21.90		23.50		24.90

<FR1 n48_Ant 6+8_DSI7>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.87	18.96	19.00	20.30	19.02	19.06	19.00	20.30	21.96	22.02	22.01	23.30
40		1	53	18.75	18.83	18.54	20.30	18.78	18.84	18.68	20.30	21.78	21.85	21.62	23.30
40		1	104	18.66	18.86	18.73	20.30	18.78	18.88	18.74	20.30	21.73	21.88	21.75	23.30
40		50	0	18.55	18.76	18.59	20.30	18.68	18.86	18.71	20.30	21.63	21.82	21.66	23.30
40		50	28	18.86	18.99	18.85	20.30	18.96	19.02	18.99	20.30	21.92	22.02	21.93	23.30
40		50	56	18.91	18.99	18.80	20.30	18.92	19.02	18.92	20.30	21.93	22.02	21.87	23.30
40		100	0	18.60	18.82	18.67	20.30	18.74	18.92	18.72	20.30	21.68	21.88	21.71	23.30
40	QPSK	1	1	18.76	18.77	18.68	20.30	18.76	18.91	18.74	20.30	21.77	21.85	21.72	23.30
40		1	53	18.85	18.99	18.82	20.30	18.89	19.03	18.87	20.30	21.88	22.02	21.86	23.30
40		1	104	18.84	18.95	18.78	20.30	18.88	18.96	18.84	20.30	21.87	21.97	21.82	23.30
40		50	0	18.57	18.74	18.55	20.30	18.72	18.86	18.66	20.30	21.66	21.81	21.62	23.30
40		50	28	18.71	18.89	18.78	20.30	18.86	18.95	18.79	20.30	21.80	21.93	21.80	23.30
40		50	56	18.81	18.92	18.78	20.30	18.84	18.99	18.80	20.30	21.84	21.97	21.80	23.30
40		100	0	18.66	18.71	18.75	20.30	18.75	18.85	18.77	20.30	21.72	21.79	21.77	23.30
40	16QAM	1	1	18.87	18.98	18.79	20.30	18.88	19.04	18.93	20.30	21.89	22.02	21.87	23.30
40	64QAM	1	1	18.77	18.82	18.67	20.30	18.81	18.90	18.82	20.30	21.80	21.87	21.76	23.30
40	256QAM	1	1	18.70	18.82	18.71	20.30	18.72	18.86	18.74	20.30	21.72	21.85	21.74	23.30

<FR1 n77 (27Q) HPUE_Ant 6+8_DSI7>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		17.85		18.90		17.89		18.90		20.88		21.90
100		1	137		17.63		18.90		17.66		18.90		20.66		21.90
100		1	271		17.84		18.90		17.84		18.90		20.85		21.90
100		135	0		17.58		18.90		17.71		18.90		20.66		21.90
100		135	69		17.81		18.90		17.87		18.90		20.85		21.90
100		135	138		17.69		18.90		17.74		18.90		20.73		21.90
100		270	0		17.84		18.90		17.86		18.90		20.86		21.90
100	QPSK	1	1		17.60		18.90		17.74		18.90		20.68		21.90
100		1	137		17.59		18.90		17.67		18.90		20.64		21.90
100		1	271		17.58		18.90		17.70		18.90		20.65		21.90
100		135	0		17.64		18.90		17.67		18.90		20.67		21.90
100		135	69		17.56		18.90		17.68		18.90		20.63		21.90
100		135	138		17.57		18.90		17.72		18.90		20.66		21.90
100		270	0		17.64		18.90		17.68		18.90		20.67		21.90
100	16QAM	1	1		17.64		18.90		17.68		18.90		20.67		21.90
100	64QAM	1	1		17.69		18.90		17.82		18.90		20.77		21.90



100	256QAM	1	1		17.54		18.90		17.66		18.90		20.61		21.90
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<FR1 n77 (27Q)_PC1.5_Ant 6+8_DSI7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		20.80		21.90		20.88		21.90		23.85		24.90
100		1	137		20.68		21.90		20.71		21.90		23.71		24.90
100		1	271		20.79		21.90		20.81		21.90		23.81		24.90
100		135	0		20.76		21.90		20.79		21.90		23.79		24.90
100		135	69		20.80		21.90		20.85		21.90		23.84		24.90
100		135	138		20.71		21.90		20.80		21.90		23.77		24.90
100		270	0		20.69		21.90		20.82		21.90		23.77		24.90
100	QPSK	1	1		20.61		21.90		20.71		21.90		23.67		24.90
100		1	137		20.64		21.90		20.65		21.90		23.66		24.90
100		1	271		20.67		21.90		20.68		21.90		23.69		24.90
100		135	0		20.56		21.90		20.63		21.90		23.61		24.90
100		135	69		20.57		21.90		20.68		21.90		23.64		24.90
100		135	138		20.72		21.90		20.83		21.90		23.79		24.90
100		270	0		20.65		21.90		20.68		21.90		23.68		24.90
100	16QAM	1	1		20.50		21.90		20.65		21.90		23.59		24.90
100	64QAM	1	1		20.65		21.90		20.78		21.90		23.73		24.90
100	256QAM	1	1		20.59		21.90		20.72		21.90		23.67		24.90

<FR1 n77 (27Q)_HPUE_Ant 6+8_DSI7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000		650000	656000	662000		650000	656000	662000	
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	17.68	17.72	17.69	18.90	17.74	17.80	17.77	18.90	20.72	20.77	20.74	21.90
100		1	137	17.33	17.56	17.37	18.90	17.42	17.56	17.45	18.90	20.39	20.57	20.42	21.90
100		1	271	17.58	17.70	17.59	18.90	17.61	17.79	17.74	18.90	20.61	20.76	20.68	21.90
100		135	0	17.65	17.69	17.53	18.90	17.68	17.77	17.65	18.90	20.68	20.74	20.60	21.90
100		135	69	17.68	17.71	17.64	18.90	17.73	17.79	17.75	18.90	20.72	20.76	20.71	21.90
100		135	138	17.37	17.51	17.32	18.90	17.42	17.55	17.46	18.90	20.41	20.54	20.40	21.90
100		270	0	17.50	17.71	17.57	18.90	17.61	17.74	17.65	18.90	20.57	20.74	20.62	21.90
100	QPSK	1	1	17.43	17.53	17.46	18.90	17.56	17.67	17.59	18.90	20.51	20.61	20.54	21.90
100		1	137	17.51	17.64	17.55	18.90	17.62	17.71	17.57	18.90	20.58	20.69	20.57	21.90
100		1	271	17.44	17.68	17.53	18.90	17.55	17.70	17.58	18.90	20.51	20.70	20.57	21.90
100		135	0	17.49	17.70	17.58	18.90	17.63	17.73	17.58	18.90	20.57	20.73	20.59	21.90
100		135	69	17.47	17.65	17.61	18.90	17.54	17.71	17.66	18.90	20.52	20.69	20.65	21.90
100		135	138	17.58	17.74	17.65	18.90	17.63	17.77	17.68	18.90	20.62	20.77	20.68	21.90
100		270	0	17.43	17.55	17.50	18.90	17.54	17.69	17.54	18.90	20.50	20.63	20.53	21.90
100	16QAM	1	1	17.54	17.69	17.50	18.90	17.62	17.71	17.60	18.90	20.59	20.71	20.56	21.90



100	64QAM	1	1	17.33	17.49	17.53	18.90	17.47	17.62	17.56	18.90	20.41	20.57	20.56	21.90
100	256QAM	1	1	17.46	17.66	17.46	18.90	17.58	17.67	17.55	18.90	20.53	20.68	20.52	21.90

<FR1 n77 (270)_PC1.5_Ant 6+8_DSI7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)	650000	656000	662000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	20.75	20.87	20.92	21.90	20.91	20.98	20.96	21.90	23.84	23.94	23.95	24.90
100		1	137	20.56	20.80	20.76	21.90	20.72	20.87	20.84	21.90	23.65	23.85	23.81	24.90
100		1	271	20.62	20.61	20.62	21.90	20.67	20.81	20.66	21.90	23.66	23.72	23.65	24.90
100		135	0	20.34	20.45	20.49	21.90	20.53	20.71	20.61	21.90	23.45	23.59	23.56	24.90
100		135	69	20.86	20.74	20.67	21.90	20.95	20.97	20.92	21.90	23.92	23.87	23.81	24.90
100		135	138	20.39	20.58	20.51	21.90	20.59	20.75	20.64	21.90	23.50	23.68	23.59	24.90
100		270	0	20.59	20.81	20.63	21.90	20.75	20.92	20.85	21.90	23.68	23.88	23.75	24.90
100	QPSK	1	1	20.49	20.67	20.58	21.90	20.65	20.80	20.74	21.90	23.58	23.75	23.67	24.90
100		1	137	20.55	20.63	20.51	21.90	20.64	20.77	20.67	21.90	23.61	23.71	23.60	24.90
100		1	271	20.64	20.80	20.65	21.90	20.74	20.89	20.80	21.90	23.70	23.86	23.74	24.90
100		135	0	20.46	20.64	20.55	21.90	20.54	20.70	20.63	21.90	23.51	23.68	23.60	24.90
100		135	69	20.56	20.58	20.45	21.90	20.61	20.80	20.65	21.90	23.60	23.70	23.56	24.90
100		135	138	20.55	20.52	20.69	21.90	20.68	20.78	20.75	21.90	23.63	23.66	23.73	24.90
100		270	0	20.45	20.67	20.50	21.90	20.55	20.73	20.65	21.90	23.51	23.71	23.59	24.90
100	16QAM	1	1	20.43	20.65	20.45	21.90	20.51	20.71	20.55	21.90	23.48	23.69	23.51	24.90
100	64QAM	1	1	20.42	20.55	20.55	21.90	20.58	20.73	20.64	21.90	23.51	23.65	23.61	24.90
100	256QAM	1	1	20.51	20.59	20.51	21.90	20.69	20.81	20.70	21.90	23.61	23.71	23.62	24.90

<FR1 n78 (27Q)_HPUE_Ant 6+8_DSI7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		Tune-up Limit (dBm)		633332		Tune-up Limit (dBm)		633332		Tune-up Limit (dBm)
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		17.71		18.90		17.83		18.90		20.78		21.90
100		1	137		17.71		18.90		17.73		18.90		20.73		21.90
100		1	271		17.76		18.90		17.82		18.90		20.80		21.90
100		135	0		17.54		18.90		17.66		18.90		20.61		21.90
100		135	69		17.69		18.90		17.81		18.90		20.76		21.90
100		135	138		17.71		18.90		17.77		18.90		20.75		21.90
100		270	0		17.75		18.90		17.78		18.90		20.78		21.90
100	QPSK	1	1		17.61		18.90		17.64		18.90		20.64		21.90
100		1	137		17.62		18.90		17.66		18.90		20.65		21.90
100		1	271		17.56		18.90		17.68		18.90		20.63		21.90
100		135	0		17.53		18.90		17.61		18.90		20.58		21.90
100		135	69		17.66		18.90		17.73		18.90		20.71		21.90
100		135	138		17.73		18.90		17.77		18.90		20.76		21.90
100		270	0		17.60		18.90		17.66		18.90		20.64		21.90



100	16QAM	1	1		17.67		18.90		17.79		18.90		20.74		21.90
100	64QAM	1	1		17.71		18.90		17.79		18.90		20.76		21.90
100	256QAM	1	1		17.58		18.90		17.61		18.90		20.61		21.90

<FR1 n78 (27Q)_PC1.5_Ant 6+8_DSI7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		20.77		21.90		20.91		21.90		23.85		24.90
100		1	137		20.63		21.90		20.78		21.90		23.72		24.90
100		1	271		20.53		21.90		20.63		21.90		23.59		24.90
100		135	0		20.71		21.90		20.84		21.90		23.79		24.90
100		135	69		20.88		21.90		20.88		21.90		23.89		24.90
100		135	138		20.76		21.90		20.77		21.90		23.78		24.90
100		270	0		20.72		21.90		20.83		21.90		23.79		24.90
100	QPSK	1	1		20.60		21.90		20.69		21.90		23.66		24.90
100		1	137		20.71		21.90		20.76		21.90		23.75		24.90
100		1	271		20.53		21.90		20.64		21.90		23.60		24.90
100		135	0		20.54		21.90		20.67		21.90		23.62		24.90
100		135	69		20.62		21.90		20.69		21.90		23.67		24.90
100		135	138		20.68		21.90		20.71		21.90		23.71		24.90
100		270	0		20.63		21.90		20.72		21.90		23.69		24.90
100	16QAM	1	1		20.59		21.90		20.69		21.90		23.65		24.90
100	64QAM	1	1		20.59		21.90		20.73		21.90		23.67		24.90
100	256QAM	1	1		20.67		21.90		20.79		21.90		23.74		24.90

<FR1 n78 (27Q)_HPUE_Ant 6+8_DSI7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		17.62		18.90		17.67		18.90		20.66		21.90
100		1	137		17.53		18.90		17.57		18.90		20.56		21.90
100		1	271		17.47		18.90		17.61		18.90		20.55		21.90
100		135	0		17.43		18.90		17.47		18.90		20.46		21.90
100		135	69		17.52		18.90		17.64		18.90		20.59		21.90
100		135	138		17.46		18.90		17.57		18.90		20.53		21.90
100		270	0		17.58		18.90		17.61		18.90		20.61		21.90
100	QPSK	1	1		17.63		18.90		17.64		18.90		20.65		21.90
100		1	137		17.39		18.90		17.46		18.90		20.44		21.90
100		1	271		17.53		18.90		17.59		18.90		20.57		21.90
100		135	0		17.53		18.90		17.58		18.90		20.57		21.90
100		135	69		17.41		18.90		17.53		18.90		20.48		21.90
100		135	138		17.56		18.90		17.63		18.90		20.61		21.90



100		270	0		17.57		18.90		17.58		18.90		20.59		21.90
100	16QAM	1	1		17.39		18.90		17.45		18.90		20.43		21.90
100	64QAM	1	1		17.56		18.90		17.59		18.90		20.59		21.90
100	256QAM	1	1		17.41		18.90		17.50		18.90		20.47		21.90

<FR1 n78 (270)_PC1.5_Ant 6+8_DSI7>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		20.58		21.90		20.70		21.90		23.65		24.90
100		1	137		20.46		21.90		20.53		21.90		23.51		24.90
100		1	271		20.66		21.90		20.68		21.90		23.68		24.90
100		135	0		20.40		21.90		20.53		21.90		23.48		24.90
100		135	69		20.64		21.90		20.68		21.90		23.67		24.90
100		135	138		20.45		21.90		20.48		21.90		23.48		24.90
100		270	0		20.60		21.90		20.67		21.90		23.65		24.90
100	QPSK	1	1		20.53		21.90		20.56		21.90		23.56		24.90
100		1	137		20.58		21.90		20.58		21.90		23.59		24.90
100		1	271		20.50		21.90		20.64		21.90		23.58		24.90
100		135	0		20.37		21.90		20.49		21.90		23.44		24.90
100		135	69		20.47		21.90		20.58		21.90		23.54		24.90
100		135	138		20.51		21.90		20.63		21.90		23.58		24.90
100		270	0		20.36		21.90		20.48		21.90		23.43		24.90
100	16QAM	1	1		20.39		21.90		20.47		21.90		23.44		24.90
100	64QAM	1	1		20.49		21.90		20.55		21.90		23.53		24.90
100	256QAM	1	1		20.39		21.90		20.49		21.90		23.45		24.90

<FR1 n48_Ant 4+8_DSI4>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.18	20.21	20.20	21.00	20.10	20.15	20.13	21.00	23.15	23.19	23.18	24.00
40		1	53	19.97	20.11	20.04	21.00	19.80	19.99	19.95	21.00	22.90	23.06	23.01	24.00
40		1	104	20.11	20.17	20.02	21.00	20.04	20.11	20.01	21.00	23.09	23.15	23.03	24.00
40		50	0	20.00	20.14	20.02	21.00	19.88	20.00	19.87	21.00	22.95	23.08	22.96	24.00
40		50	28	20.17	20.19	20.16	21.00	20.08	20.11	20.06	21.00	23.14	23.16	23.12	24.00
40		50	56	19.96	20.13	20.09	21.00	19.80	19.95	19.86	21.00	22.89	23.05	22.99	24.00
40		100	0	20.02	20.17	20.12	21.00	19.91	20.04	19.87	21.00	22.98	23.12	23.01	24.00
40	QPSK	1	1	20.02	20.11	20.08	21.00	19.81	19.87	19.71	21.00	22.93	23.00	22.91	24.00
40		1	53	20.04	20.09	20.05	21.00	19.68	19.87	19.82	21.00	22.87	22.99	22.95	24.00
40		1	104	20.02	20.13	20.11	21.00	19.72	19.87	19.76	21.00	22.88	23.01	22.95	24.00
40		50	0	20.04	20.11	20.09	21.00	19.80	19.96	19.82	21.00	22.93	23.05	22.97	24.00
40		50	28	19.96	20.08	19.92	21.00	19.65	19.84	19.81	21.00	22.82	22.97	22.88	24.00



40		50	56	20.04	20.12	19.96	21.00	19.62	19.81	19.71	21.00	22.85	22.98	22.85	24.00
40		100	0	20.04	20.18	20.09	21.00	19.77	19.89	19.78	21.00	22.92	23.05	22.95	24.00
40	16QAM	1	1	19.97	20.03	19.95	21.00	19.70	19.84	19.74	21.00	22.85	22.95	22.86	24.00
40	64QAM	1	1	19.09	19.25	19.11	20.00	18.97	19.04	18.97	20.00	22.04	22.16	22.05	23.00
40	256QAM	1	1	17.15	17.25	17.19	18.00	16.97	17.05	16.99	18.00	20.07	20.16	20.10	21.00

<FR1 n77 (27Q) HPUE_Ant 4+8_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		21.53		21.90		21.53		21.90		24.54		24.90
100		1	137		21.50		21.90		21.50		21.90		24.51		24.90
100		1	271		21.46		21.90		21.46		21.90		24.47		24.90
100		135	0		21.48		21.90		21.48		21.90		24.49		24.90
100		135	69		21.49		21.90		21.49		21.90		24.50		24.90
100		135	138		21.40		21.90		21.40		21.90		24.41		24.90
100		270	0		21.50		21.90		21.50		21.90		24.51		24.90
100	QPSK	1	1		21.41		21.90		21.41		21.90		24.42		24.90
100		1	137		21.44		21.90		21.44		21.90		24.45		24.90
100		1	271		21.46		21.90		21.46		21.90		24.47		24.90
100		135	0		21.45		21.90		21.45		21.90		24.46		24.90
100		135	69		21.47		21.90		21.47		21.90		24.48		24.90
100		135	138		21.42		21.90		21.42		21.90		24.43		24.90
100		270	0		21.40		21.90		21.40		21.90		24.41		24.90
100	16QAM	1	1		21.43		21.90		21.43		21.90		24.44		24.90
100	64QAM	1	1		21.49		21.90		21.49		21.90		24.50		24.90
100	256QAM	1	1		20.63		21.00		20.63		21.00		23.64		24.00

<FR1 n77 (27Q) PC1.5_Ant 4+8_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		24.58		24.90		24.58		24.90		27.59		27.90
100		1	137		24.55		24.90		24.55		24.90		27.56		27.90
100		1	271		24.54		24.90		24.54		24.90		27.55		27.90
100		135	0		24.46		24.90		24.46		24.90		27.47		27.90
100		135	69		24.57		24.90		24.57		24.90		27.58		27.90
100		135	138		24.52		24.90		24.52		24.90		27.53		27.90
100		270	0		24.46		24.90		24.46		24.90		27.47		27.90
100	QPSK	1	1		24.48		24.90		24.48		24.90		27.49		27.90
100		1	137		24.44		24.90		24.44		24.90		27.45		27.90
100		1	271		24.44		24.90		24.44		24.90		27.45		27.90
100		135	0		24.47		24.90		24.47		24.90		27.48		27.90



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100		135	69		24.53		24.90		24.53		24.90		27.54		27.90
100		135	138		24.51		24.90		24.51		24.90		27.52		27.90
100		270	0		24.53		24.90		24.53		24.90		27.54		27.90
100	16QAM	1	1		24.54		24.90		24.54		24.90		27.55		27.90
100	64QAM	1	1		24.49		24.90		24.49		24.90		27.50		27.90
100	256QAM	1	1		23.49		24.00		23.49		24.00		26.50		27.00

<FR1 n77 (270)_HPUE_Ant 4+8_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	dBm	650000	656000	662000	dBm	650000	656000	662000	dBm
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	21.55	21.58	21.54	21.90	21.55	21.58	21.54	21.90	24.56	24.59	24.55	24.90
100		1	137	21.43	21.50	21.47	21.90	21.43	21.50	21.47	21.90	24.44	24.51	24.48	24.90
100		1	271	21.43	21.52	21.43	21.90	21.43	21.52	21.43	21.90	24.44	24.53	24.44	24.90
100		135	0	21.42	21.47	21.42	21.90	21.42	21.47	21.42	21.90	24.43	24.48	24.43	24.90
100		135	69	21.45	21.53	21.45	21.90	21.45	21.53	21.45	21.90	24.46	24.54	24.46	24.90
100		135	138	21.46	21.50	21.42	21.90	21.46	21.50	21.42	21.90	24.47	24.51	24.43	24.90
100		270	0	21.52	21.47	21.48	21.90	21.52	21.47	21.48	21.90	24.53	24.48	24.49	24.90
100	QPSK	1	1	21.47	21.52	21.39	21.90	21.47	21.52	21.39	21.90	24.48	24.53	24.40	24.90
100		1	137	21.41	21.52	21.41	21.90	21.41	21.52	21.41	21.90	24.42	24.53	24.42	24.90
100		1	271	21.50	21.50	21.40	21.90	21.50	21.50	21.40	21.90	24.51	24.51	24.41	24.90
100		135	0	21.44	21.49	21.43	21.90	21.44	21.49	21.43	21.90	24.45	24.50	24.44	24.90
100		135	69	21.46	21.54	21.48	21.90	21.46	21.54	21.48	21.90	24.47	24.55	24.49	24.90
100		135	138	21.51	21.45	21.47	21.90	21.51	21.45	21.47	21.90	24.52	24.46	24.48	24.90
100		270	0	21.45	21.54	21.44	21.90	21.45	21.54	21.44	21.90	24.46	24.55	24.45	24.90
100	16QAM	1	1	21.51	21.54	21.44	21.90	21.51	21.54	21.44	21.90	24.52	24.55	24.45	24.90
100	64QAM	1	1	21.46	21.49	21.46	21.90	21.46	21.49	21.46	21.90	24.47	24.50	24.47	24.90
100	256QAM	1	1	20.56	20.62	20.53	21.00	20.56	20.62	20.53	21.00	23.57	23.63	23.54	24.00

<FR1 n77 (270)_PC1.5_Ant 4+8_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	dBm	650000	656000	662000	dBm	650000	656000	662000	dBm
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	24.58	24.61	24.57	24.90	24.58	24.61	24.57	24.90	27.59	27.62	27.58	27.90
100		1	137	24.47	24.54	24.47	24.90	24.47	24.54	24.47	24.90	27.48	27.55	27.48	27.90
100		1	271	24.47	24.53	24.46	24.90	24.47	24.53	24.46	24.90	27.48	27.54	27.47	27.90
100		135	0	24.46	24.53	24.51	24.90	24.46	24.53	24.51	24.90	27.47	27.54	27.52	27.90
100		135	69	24.45	24.59	24.48	24.90	24.45	24.59	24.48	24.90	27.46	27.60	27.49	27.90
100		135	138	24.53	24.54	24.51	24.90	24.53	24.54	24.51	24.90	27.54	27.55	27.52	27.90
100		270	0	24.47	24.48	24.44	24.90	24.47	24.48	24.44	24.90	27.48	27.49	27.45	27.90
100	QPSK	1	1	24.54	24.51	24.54	24.90	24.54	24.51	24.54	24.90	27.55	27.52	27.55	27.90
100		1	137	24.49	24.54	24.46	24.90	24.49	24.54	24.46	24.90	27.50	27.55	27.47	27.90
100		1	271	24.50	24.52	24.46	24.90	24.50	24.52	24.46	24.90	27.51	27.53	27.47	27.90



100		135	0	24.52	24.50	24.44	24.90	24.52	24.50	24.44	24.90	27.53	27.51	27.45	27.90
100		135	69	24.49	24.56	24.45	24.90	24.49	24.56	24.45	24.90	27.50	27.57	27.46	27.90
100		135	138	24.49	24.56	24.49	24.90	24.49	24.56	24.49	24.90	27.50	27.57	27.50	27.90
100		270	0	24.46	24.50	24.53	24.90	24.46	24.50	24.53	24.90	27.47	27.51	27.54	27.90
100	16QAM	1	1	24.44	24.52	24.52	24.90	24.44	24.52	24.52	24.90	27.45	27.53	27.53	27.90
100	64QAM	1	1	24.46	24.52	24.43	24.90	24.46	24.52	24.43	24.90	27.47	27.53	27.44	27.90
100	256QAM	1	1	23.71	23.70	23.65	24.00	23.71	23.70	23.65	24.00	26.72	26.71	26.66	27.00

<FR1 n78 (27Q)_HPUE_Ant 4+8_DSI4>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		21.45		21.90		21.45		21.90		24.46		24.90
100		1	137		21.42		21.90		21.42		21.90		24.43		24.90
100		1	271		21.36		21.90		21.36		21.90		24.37		24.90
100		135	0		21.32		21.90		21.32		21.90		24.33		24.90
100		135	69		21.43		21.90		21.43		21.90		24.44		24.90
100		135	138		21.32		21.90		21.32		21.90		24.33		24.90
100		270	0		21.41		21.90		21.41		21.90		24.42		24.90
100	QPSK	1	1		21.35		21.90		21.35		21.90		24.36		24.90
100		1	137		21.35		21.90		21.35		21.90		24.36		24.90
100		1	271		21.37		21.90		21.37		21.90		24.38		24.90
100		135	0		21.33		21.90		21.33		21.90		24.34		24.90
100		135	69		21.32		21.90		21.32		21.90		24.33		24.90
100		135	138		21.36		21.90		21.36		21.90		24.37		24.90
100		270	0		21.30		21.90		21.30		21.90		24.31		24.90
100	16QAM	1	1		21.36		21.90		21.36		21.90		24.37		24.90
100	64QAM	1	1		21.35		21.90		21.35		21.90		24.36		24.90
100	256QAM	1	1		20.41		21.00		20.41		21.00		23.42		24.00



<FR1 n78 (27Q)_PC1.5_Ant 4+8_DSI4>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		24.58		24.90		24.58		24.90		27.59		27.90
100		1	137		24.52		24.90		24.52		24.90		27.53		27.90
100		1	271		24.55		24.90		24.55		24.90		27.56		27.90
100		135	0		24.52		24.90		24.52		24.90		27.53		27.90
100		135	69		24.57		24.90		24.57		24.90		27.58		27.90
100		135	138		24.45		24.90		24.45		24.90		27.46		27.90
100		270	0		24.48		24.90		24.48		24.90		27.49		27.90
100	QPSK	1	1		24.47		24.90		24.47		24.90		27.48		27.90
100		1	137		24.51		24.90		24.51		24.90		27.52		27.90
100		1	271		24.47		24.90		24.47		24.90		27.48		27.90
100		135	0		24.43		24.90		24.43		24.90		27.44		27.90
100		135	69		24.54		24.90		24.54		24.90		27.55		27.90
100		135	138		24.50		24.90		24.50		24.90		27.51		27.90
100		270	0		24.47		24.90		24.47		24.90		27.48		27.90
100	16QAM	1	1		24.52		24.90		24.52		24.90		27.53		27.90
100	64QAM	1	1		24.53		24.90		24.53		24.90		27.54		27.90
100	256QAM	1	1		23.66		24.00		23.66		24.00		26.67		27.00

<FR1 n78 (27O)_HPUE_Ant 4+8_DSI4>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		21.48		21.90		21.48		21.90		24.49		24.90
100		1	137		21.36		21.90		21.36		21.90		24.37		24.90
100		1	271		21.34		21.90		21.34		21.90		24.35		24.90
100		135	0		21.38		21.90		21.38		21.90		24.39		24.90
100		135	69		21.47		21.90		21.47		21.90		24.48		24.90
100		135	138		21.41		21.90		21.41		21.90		24.42		24.90
100		270	0		21.38		21.90		21.38		21.90		24.39		24.90
100	QPSK	1	1		21.33		21.90		21.33		21.90		24.34		24.90
100		1	137		21.37		21.90		21.37		21.90		24.38		24.90
100		1	271		21.43		21.90		21.43		21.90		24.44		24.90
100		135	0		21.42		21.90		21.42		21.90		24.43		24.90
100		135	69		21.34		21.90		21.34		21.90		24.35		24.90
100		135	138		21.35		21.90		21.35		21.90		24.36		24.90
100		270	0		21.41		21.90		21.41		21.90		24.42		24.90
100	16QAM	1	1		21.34		21.90		21.34		21.90		24.35		24.90
100	64QAM	1	1		21.35		21.90		21.35		21.90		24.36		24.90



100	256QAM	1	1		20.35		21.00		20.35		21.00		23.36		24.00
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<FR1 n78 (270)_PC1.5_Ant 4+8_DSI4>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		24.54		24.90		24.54		24.90		27.55		27.90
100		1	137		24.45		24.90		24.45		24.90		27.46		27.90
100		1	271		24.43		24.90		24.43		24.90		27.44		27.90
100		135	0		24.45		24.90		24.45		24.90		27.46		27.90
100		135	69		24.51		24.90		24.51		24.90		27.52		27.90
100		135	138		24.46		24.90		24.46		24.90		27.47		27.90
100		270	0		24.44		24.90		24.44		24.90		27.45		27.90
100	QPSK	1	1		24.40		24.90		24.40		24.90		27.41		27.90
100		1	137		24.46		24.90		24.46		24.90		27.47		27.90
100		1	271		24.47		24.90		24.47		24.90		27.48		27.90
100		135	0		24.41		24.90		24.41		24.90		27.42		27.90
100		135	69		24.46		24.90		24.46		24.90		27.47		27.90
100		135	138		24.43		24.90		24.43		24.90		27.44		27.90
100		270	0		24.47		24.90		24.47		24.90		27.48		27.90
100	16QAM	1	1		24.42		24.90		24.42		24.90		27.43		27.90
100	64QAM	1	1		24.48		24.90		24.48		24.90		27.49		27.90
100	256QAM	1	1		23.51		24.00		23.51		24.00		26.52		27.00

<FR1 n48_Ant 6+8_DSI4>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332		638000	641666	645332		638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98		3570	3624.99	3679.98		3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.38	20.43	20.35	21.00	20.10	20.15	20.13	21.00	23.25	23.30	23.25	24.00
40		1	53	20.13	20.30	20.12	21.00	19.80	19.99	19.95	21.00	22.98	23.16	23.05	24.00
40		1	104	20.21	20.40	20.28	21.00	20.04	20.11	20.01	21.00	23.14	23.27	23.16	24.00
40		50	0	20.24	20.38	20.25	21.00	19.88	20.00	19.87	21.00	23.07	23.20	23.07	24.00
40		50	28	20.36	20.40	20.33	21.00	20.08	20.11	20.06	21.00	23.23	23.27	23.21	24.00
40		50	56	20.20	20.39	20.28	21.00	19.80	19.95	19.86	21.00	23.01	23.19	23.09	24.00
40		100	0	20.27	20.39	20.22	21.00	19.91	20.04	19.87	21.00	23.10	23.23	23.06	24.00
40	QPSK	1	1	20.11	20.30	20.18	21.00	19.81	19.87	19.71	21.00	22.97	23.10	22.96	24.00
40		1	53	20.12	20.28	20.06	21.00	19.68	19.87	19.82	21.00	22.92	23.09	22.95	24.00
40		1	104	20.32	20.38	20.17	21.00	19.72	19.87	19.76	21.00	23.04	23.14	22.98	24.00
40		50	0	20.17	20.30	20.10	21.00	19.80	19.96	19.82	21.00	23.00	23.14	22.97	24.00
40		50	28	20.18	20.34	20.25	21.00	19.65	19.84	19.81	21.00	22.93	23.11	23.05	24.00
40		50	56	20.15	20.25	20.10	21.00	19.62	19.81	19.71	21.00	22.90	23.05	22.92	24.00
40		100	0	20.28	20.37	20.16	21.00	19.77	19.89	19.78	21.00	23.04	23.15	22.98	24.00
40	16QAM	1	1	20.09	20.26	20.11	21.00	19.70	19.84	19.74	21.00	22.91	23.07	22.94	24.00



40	64QAM	1	1	19.26	19.42	19.23	20.00	18.97	19.04	18.97	20.00	22.13	22.24	22.11	23.00
40	256QAM	1	1	17.33	17.46	17.32	18.00	16.97	17.05	16.99	18.00	20.16	20.27	20.17	21.00

<FR1 n77 (27Q) HPUE_Ant 6+8_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		21.53		21.90		21.53		21.90		24.54		24.90
100		1	137		21.50		21.90		21.50		21.90		24.51		24.90
100		1	271		21.46		21.90		21.46		21.90		24.47		24.90
100		135	0		21.48		21.90		21.48		21.90		24.49		24.90
100		135	69		21.49		21.90		21.49		21.90		24.50		24.90
100		135	138		21.40		21.90		21.40		21.90		24.41		24.90
100		270	0		21.50		21.90		21.50		21.90		24.51		24.90
100	QPSK	1	1		21.41		21.90		21.41		21.90		24.42		24.90
100		1	137		21.44		21.90		21.44		21.90		24.45		24.90
100		1	271		21.46		21.90		21.46		21.90		24.47		24.90
100		135	0		21.45		21.90		21.45		21.90		24.46		24.90
100		135	69		21.47		21.90		21.47		21.90		24.48		24.90
100		135	138		21.42		21.90		21.42		21.90		24.43		24.90
100		270	0		21.40		21.90		21.40		21.90		24.41		24.90
100	16QAM	1	1		21.43		21.90		21.43		21.90		24.44		24.90
100	64QAM	1	1		21.49		21.90		21.49		21.90		24.50		24.90
100	256QAM	1	1		20.63		21.00		20.63		21.00		23.64		24.00

<FR1 n77 (27Q) PC1.5_Ant 6+8_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		24.58		24.90		24.58		24.90		27.59		27.90
100		1	137		24.55		24.90		24.55		24.90		27.56		27.90
100		1	271		24.54		24.90		24.54		24.90		27.55		27.90
100		135	0		24.46		24.90		24.46		24.90		27.47		27.90
100		135	69		24.57		24.90		24.57		24.90		27.58		27.90
100		135	138		24.52		24.90		24.52		24.90		27.53		27.90
100		270	0		24.46		24.90		24.46		24.90		27.47		27.90
100	QPSK	1	1		24.48		24.90		24.48		24.90		27.49		27.90
100		1	137		24.44		24.90		24.44		24.90		27.45		27.90
100		1	271		24.44		24.90		24.44		24.90		27.45		27.90
100		135	0		24.47		24.90		24.47		24.90		27.48		27.90
100		135	69		24.53		24.90		24.53		24.90		27.54		27.90
100		135	138		24.51		24.90		24.51		24.90		27.52		27.90
100		270	0		24.53		24.90		24.53		24.90		27.54		27.90



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100	16QAM	1	1		24.54		24.90		24.54		24.90		27.55		27.90
100	64QAM	1	1		24.49		24.90		24.49		24.90		27.50		27.90
100	256QAM	1	1		23.49		24.00		23.49		24.00		26.50		27.00

<FR1 n77 (270)_HPUE_Ant 6+8_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	(dBm)	650000	656000	662000	(dBm)	650000	656000	662000	(dBm)
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	21.55	21.58	21.54	21.90	21.55	21.58	21.54	21.90	24.56	24.59	24.55	24.90
100		1	137	21.43	21.50	21.47	21.90	21.43	21.50	21.47	21.90	24.44	24.51	24.48	24.90
100		1	271	21.43	21.52	21.43	21.90	21.43	21.52	21.43	21.90	24.44	24.53	24.44	24.90
100		135	0	21.42	21.47	21.42	21.90	21.42	21.47	21.42	21.90	24.43	24.48	24.43	24.90
100		135	69	21.45	21.53	21.45	21.90	21.45	21.53	21.45	21.90	24.46	24.54	24.46	24.90
100		135	138	21.46	21.50	21.42	21.90	21.46	21.50	21.42	21.90	24.47	24.51	24.43	24.90
100		270	0	21.52	21.47	21.48	21.90	21.52	21.47	21.48	21.90	24.53	24.48	24.49	24.90
100	QPSK	1	1	21.47	21.52	21.39	21.90	21.47	21.52	21.39	21.90	24.48	24.53	24.40	24.90
100		1	137	21.41	21.52	21.41	21.90	21.41	21.52	21.41	21.90	24.42	24.53	24.42	24.90
100		1	271	21.50	21.50	21.40	21.90	21.50	21.50	21.40	21.90	24.51	24.51	24.41	24.90
100		135	0	21.44	21.49	21.43	21.90	21.44	21.49	21.43	21.90	24.45	24.50	24.44	24.90
100		135	69	21.46	21.54	21.48	21.90	21.46	21.54	21.48	21.90	24.47	24.55	24.49	24.90
100		135	138	21.51	21.45	21.47	21.90	21.51	21.45	21.47	21.90	24.52	24.46	24.48	24.90
100		270	0	21.45	21.54	21.44	21.90	21.45	21.54	21.44	21.90	24.46	24.55	24.45	24.90
100	16QAM	1	1	21.51	21.54	21.44	21.90	21.51	21.54	21.44	21.90	24.52	24.55	24.45	24.90
100	64QAM	1	1	21.46	21.49	21.46	21.90	21.46	21.49	21.46	21.90	24.47	24.50	24.47	24.90
100	256QAM	1	1	20.56	20.62	20.53	21.00	20.56	20.62	20.53	21.00	23.57	23.63	23.54	24.00

<FR1 n77 (270)_PC1.5_Ant 6+8_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	(dBm)	650000	656000	662000	(dBm)	650000	656000	662000	(dBm)
Frequency (MHz)				3750	3840	3930		3750	3840	3930		3750	3840	3930	
100	PI/2 BPSK	1	1	24.58	24.61	24.57	24.90	24.58	24.61	24.57	24.90	27.59	27.62	27.58	27.90
100		1	137	24.47	24.54	24.47	24.90	24.47	24.54	24.47	24.90	27.48	27.55	27.48	27.90
100		1	271	24.47	24.53	24.46	24.90	24.47	24.53	24.46	24.90	27.48	27.54	27.47	27.90
100		135	0	24.46	24.53	24.51	24.90	24.46	24.53	24.51	24.90	27.47	27.54	27.52	27.90
100		135	69	24.45	24.59	24.48	24.90	24.45	24.59	24.48	24.90	27.46	27.60	27.49	27.90
100		135	138	24.53	24.54	24.51	24.90	24.53	24.54	24.51	24.90	27.54	27.55	27.52	27.90
100		270	0	24.47	24.48	24.44	24.90	24.47	24.48	24.44	24.90	27.48	27.49	27.45	27.90
100	QPSK	1	1	24.54	24.51	24.54	24.90	24.54	24.51	24.54	24.90	27.55	27.52	27.55	27.90
100		1	137	24.49	24.54	24.46	24.90	24.49	24.54	24.46	24.90	27.50	27.55	27.47	27.90
100		1	271	24.50	24.52	24.46	24.90	24.50	24.52	24.46	24.90	27.51	27.53	27.47	27.90
100		135	0	24.52	24.50	24.44	24.90	24.52	24.50	24.44	24.90	27.53	27.51	27.45	27.90
100		135	69	24.49	24.56	24.45	24.90	24.49	24.56	24.45	24.90	27.50	27.57	27.46	27.90
100		135	138	24.49	24.56	24.49	24.90	24.49	24.56	24.49	24.90	27.50	27.57	27.50	27.90
100		135	138	24.49	24.56	24.49	24.90	24.49	24.56	24.49	24.90	27.50	27.57	27.50	27.90



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100		270	0	24.46	24.50	24.53	24.90	24.46	24.50	24.53	24.90	27.47	27.51	27.54	27.90
100	16QAM	1	1	24.44	24.52	24.52	24.90	24.44	24.52	24.52	24.90	27.45	27.53	27.53	27.90
100	64QAM	1	1	24.46	24.52	24.43	24.90	24.46	24.52	24.43	24.90	27.47	27.53	27.44	27.90
100	256QAM	1	1	23.71	23.70	23.65	24.00	23.71	23.70	23.65	24.00	26.72	26.71	26.66	27.00

<FR1 n78 (27Q)_HPUE_Ant 6+8_DS14>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		21.45		21.90		21.45		21.90		24.46		24.90
100		1	137		21.42		21.90		21.42		21.90		24.43		24.90
100		1	271		21.36		21.90		21.36		21.90		24.37		24.90
100		135	0		21.32		21.90		21.32		21.90		24.33		24.90
100		135	69		21.43		21.90		21.43		21.90		24.44		24.90
100		135	138		21.32		21.90		21.32		21.90		24.33		24.90
100		270	0		21.41		21.90		21.41		21.90		24.42		24.90
100	QPSK	1	1		21.35		21.90		21.35		21.90		24.36		24.90
100		1	137		21.35		21.90		21.35		21.90		24.36		24.90
100		1	271		21.37		21.90		21.37		21.90		24.38		24.90
100		135	0		21.33		21.90		21.33		21.90		24.34		24.90
100		135	69		21.32		21.90		21.32		21.90		24.33		24.90
100		135	138		21.36		21.90		21.36		21.90		24.37		24.90
100		270	0		21.30		21.90		21.30		21.90		24.31		24.90
100	16QAM	1	1		21.36		21.90		21.36		21.90		24.37		24.90
100	64QAM	1	1		21.35		21.90		21.35		21.90		24.36		24.90
100	256QAM	1	1		20.41		21.00		20.41		21.00		23.42		24.00

<FR1 n78 (27Q)_PC1.5_Ant 6+8_DS14>															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332				633332				633332		
Frequency (MHz)					3499.98				3499.98				3499.98		
100	PI/2 BPSK	1	1		24.58		24.90		24.58		24.90		27.59		27.90
100		1	137		24.52		24.90		24.52		24.90		27.53		27.90
100		1	271		24.55		24.90		24.55		24.90		27.56		27.90
100		135	0		24.52		24.90		24.52		24.90		27.53		27.90
100		135	69		24.57		24.90		24.57		24.90		27.58		27.90
100		135	138		24.45		24.90		24.45		24.90		27.46		27.90
100		270	0		24.48		24.90		24.48		24.90		27.49		27.90
100	QPSK	1	1		24.47		24.90		24.47		24.90		27.48		27.90
100		1	137		24.51		24.90		24.51		24.90		27.52		27.90
100		1	271		24.47		24.90		24.47		24.90		27.48		27.90
100		135	0		24.43		24.90		24.43		24.90		27.44		27.90
100		135	69		24.54		24.90		24.54		24.90		27.55		27.90



100		135	138		24.50		24.90		24.50		24.90		27.51		27.90
100		270	0		24.47		24.90		24.47		24.90		27.48		27.90
100	16QAM	1	1		24.52		24.90		24.52		24.90		27.53		27.90
100	64QAM	1	1		24.53		24.90		24.53		24.90		27.54		27.90
100	256QAM	1	1		23.66		24.00		23.66		24.00		26.67		27.00

<FR1 n78 (270)_HPUE_Ant 6+8_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		21.48		21.90		21.48		21.90		24.49		24.90
100		1	137		21.36		21.90		21.36		21.90		24.37		24.90
100		1	271		21.34		21.90		21.34		21.90		24.35		24.90
100		135	0		21.38		21.90		21.38		21.90		24.39		24.90
100		135	69		21.47		21.90		21.47		21.90		24.48		24.90
100		135	138		21.41		21.90		21.41		21.90		24.42		24.90
100		270	0		21.38		21.90		21.38		21.90		24.39		24.90
100	QPSK	1	1		21.33		21.90		21.33		21.90		24.34		24.90
100		1	137		21.37		21.90		21.37		21.90		24.38		24.90
100		1	271		21.43		21.90		21.43		21.90		24.44		24.90
100		135	0		21.42		21.90		21.42		21.90		24.43		24.90
100		135	69		21.34		21.90		21.34		21.90		24.35		24.90
100		135	138		21.35		21.90		21.35		21.90		24.36		24.90
100		270	0		21.41		21.90		21.41		21.90		24.42		24.90
100	16QAM	1	1		21.34		21.90		21.34		21.90		24.35		24.90
100	64QAM	1	1		21.35		21.90		21.35		21.90		24.36		24.90
100	256QAM	1	1		20.35		21.00		20.35		21.00		23.36		24.00

<FR1 n78 (270)_PC1.5_Ant 6+8_DSI4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000				650000				650000		
Frequency (MHz)					3750				3750				3750		
100	PI/2 BPSK	1	1		24.54		24.90		24.54		24.90		27.55		27.90
100		1	137		24.45		24.90		24.45		24.90		27.46		27.90
100		1	271		24.43		24.90		24.43		24.90		27.44		27.90
100		135	0		24.45		24.90		24.45		24.90		27.46		27.90
100		135	69		24.51		24.90		24.51		24.90		27.52		27.90
100		135	138		24.46		24.90		24.46		24.90		27.47		27.90
100		270	0		24.44		24.90		24.44		24.90		27.45		27.90
100	QPSK	1	1		24.40		24.90		24.40		24.90		27.41		27.90
100		1	137		24.46		24.90		24.46		24.90		27.47		27.90
100		1	271		24.47		24.90		24.47		24.90		27.48		27.90
100		135	0		24.41		24.90		24.41		24.90		27.42		27.90



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100		135	69		24.46		24.90		24.46		24.90		27.47		27.90
100		135	138		24.43		24.90		24.43		24.90		27.44		27.90
100		270	0		24.47		24.90		24.47		24.90		27.48		27.90
100	16QAM	1	1		24.42		24.90		24.42		24.90		27.43		27.90
100	64QAM	1	1		24.48		24.90		24.48		24.90		27.49		27.90
100	256QAM	1	1		23.51		24.00		23.51		24.00		26.52		27.00

**Bluetooth Conducted Power****【Bluetooth_Ant 7_Full Power】**

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	17.78	19.50	77.01
	39	2441	18.87	20.50	
	78	2480	17.85	19.50	
BR / EDR 2Mbps	0	2402	15.78	17.50	77.10
	39	2441	16.31	18.00	
	78	2480	15.31	17.00	
BR / EDR 3Mbps	0	2402	15.70	17.50	77.40
	39	2441	16.25	18.00	
	78	2480	15.19	17.00	
LE 125kbps	0	2402	12.36	14.00	82.72
	19	2440	13.58	15.00	
	39	2480	12.26	14.00	
LE 500kbps	0	2402	12.58	14.00	57.14
	19	2440	13.38	15.00	
	39	2480	12.31	14.00	
LE 1Mbps	0	2402	12.65	14.00	62.50
	19	2440	13.59	15.50	
	39	2480	12.35	14.00	
LE 2Mbps	0	2402	12.93	14.50	33.33
	19	2440	13.62	15.00	
	39	2480	12.85	14.50	
BT6.0 GFSK 1Mbps	2	2404	12.17	13.50	100.00
	38	2440	12.95	14.50	
	76	2478	12.14	13.50	
BT6.0 GFSK 2Mbps	2	2404	12.23	13.50	100.00
	38	2440	13.00	14.50	
	76	2478	12.21	13.50	
BT6.0 ASK 1Mbps	2	2404	12.21	13.50	100.00
	38	2440	12.97	14.50	
	76	2478	12.17	13.50	

【Bluetooth_Ant 7_DSI 4】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	17.78	19.50	77.01
	39	2441	18.87	20.50	
	78	2480	17.85	19.50	
BR / EDR 2Mbps	0	2402	15.78	17.50	77.10
	39	2441	16.31	18.00	
	78	2480	15.31	17.00	
BR / EDR 3Mbps	0	2402	15.70	17.50	77.40
	39	2441	16.25	18.00	
	78	2480	15.19	17.00	
LE 125kbps	0	2402	12.36	14.00	82.72
	19	2440	13.58	15.00	
	39	2480	12.26	14.00	
LE 500kbps	0	2402	12.58	14.00	57.14
	19	2440	13.38	15.00	
	39	2480	12.31	14.00	
LE 1Mbps	0	2402	12.65	14.00	62.50
	19	2440	13.59	15.50	
	39	2480	12.35	14.00	
LE 2Mbps	0	2402	12.93	14.50	33.33
	19	2440	13.62	15.00	
	39	2480	12.85	14.50	
BT6.0 GFSK 1Mbps	2	2404	12.17	13.50	100.00
	38	2440	12.95	14.50	
	76	2478	12.14	13.50	
BT6.0 GFSK 2Mbps	2	2404	12.23	13.50	100.00
	38	2440	13.00	14.50	
	76	2478	12.21	13.50	
BT6.0 ASK 1Mbps	2	2404	12.21	13.50	100.00
	38	2440	12.97	14.50	
	76	2478	12.17	13.50	

【Bluetooth_Ant 7_DSI 12】

Mode	Channel	Frequency (MHz)	Ant 7		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	14.56	15.90	77.01
	39	2441	15.26	15.90	
	78	2480	13.75	15.50	
BR / EDR 2Mbps	0	2402	9.06	10.50	30.94
	39	2441	10.30	12.00	
	78	2480	9.19	11.00	
BR / EDR 3Mbps	0	2402	9.08	11.00	30.94
	39	2441	10.28	12.00	
	78	2480	9.26	11.00	
LE 125kbps	0	2402	12.36	14.00	82.72
	19	2440	13.58	15.00	
	39	2480	12.26	14.00	
LE 500kbps	0	2402	12.58	14.00	57.14
	19	2440	13.38	15.00	
	39	2480	12.31	14.00	
LE 1Mbps	0	2402	12.65	14.00	62.50
	19	2440	13.59	15.50	
	39	2480	12.35	14.00	
LE 2Mbps	0	2402	12.93	14.50	33.33
	19	2440	13.62	15.00	
	39	2480	12.85	14.50	
BT6.0 GFSK 1Mbps	2	2404	12.17	13.50	100.00
	38	2440	12.95	14.50	
	76	2478	12.14	13.50	
BT6.0 GFSK 2Mbps	2	2404	12.23	13.50	100.00
	38	2440	13.00	14.50	
	76	2478	12.21	13.50	
BT6.0 ASK 1Mbps	2	2404	12.21	13.50	100.00
	38	2440	12.97	14.50	
	76	2478	12.17	13.50	

【Bluetooth_Ant 11_Full Power】

Mode	Channel	Frequency (MHz)	Ant 11		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	19.22	21.00	76.66
	39	2441	19.41	21.00	
	78	2480	18.76	20.50	
BR / EDR 2Mbps	0	2402	15.61	17.50	76.75
	39	2441	16.69	18.50	
	78	2480	15.04	16.50	
BR / EDR 3Mbps	0	2402	15.50	17.00	77.04
	39	2441	16.57	18.50	
	78	2480	14.95	16.50	
LE 125kbps	0	2402	11.50	13.00	82.95
	19	2440	12.86	14.50	
	39	2480	11.47	13.00	
LE 500kbps	0	2402	11.88	13.50	56.76
	19	2440	12.68	14.00	
	39	2480	11.54	13.00	
LE 1Mbps	0	2402	11.65	13.00	62.96
	19	2440	12.72	14.50	
	39	2480	11.67	13.00	
LE 2Mbps	0	2402	11.98	13.50	32.87
	19	2440	13.05	14.50	
	39	2480	11.87	13.50	
BT6.0 GFSK 1Mbps	2	2404	11.74	13.50	100.00
	38	2440	12.47	14.00	
	76	2478	11.71	13.50	
BT6.0 GFSK 2Mbps	2	2404	11.81	13.50	100.00
	38	2440	12.56	14.00	
	76	2478	11.78	13.50	
BT6.0 ASK 1Mbps	2	2404	11.79	13.50	100.00
	38	2440	12.52	14.00	
	76	2478	11.73	13.50	

**【Bluetooth_Ant 11_DSI 4】**

Mode	Channel	Frequency (MHz)	Ant 11		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	19.22	21.00	76.66
	39	2441	19.41	21.00	
	78	2480	18.76	20.50	
BR / EDR 2Mbps	0	2402	15.61	17.50	76.75
	39	2441	16.69	18.50	
	78	2480	15.04	16.50	
BR / EDR 3Mbps	0	2402	15.50	17.00	77.04
	39	2441	16.57	18.50	
	78	2480	14.95	16.50	
LE 125kbps	0	2402	11.50	13.00	82.95
	19	2440	12.86	14.50	
	39	2480	11.47	13.00	
LE 500kbps	0	2402	11.88	13.50	56.76
	19	2440	12.68	14.00	
	39	2480	11.54	13.00	
LE 1Mbps	0	2402	11.65	13.00	62.96
	19	2440	12.72	14.50	
	39	2480	11.67	13.00	
LE 2Mbps	0	2402	11.98	13.50	32.87
	19	2440	13.05	14.50	
	39	2480	11.87	13.50	
BT6.0 GFSK 1Mbps	2	2404	9.36	11.00	100.00
	38	2440	10.22	12.00	
	76	2478	9.43	11.00	
BT6.0 GFSK 2Mbps	2	2404	9.44	11.00	100.00
	38	2440	10.31	12.00	
	76	2478	9.51	11.00	
BT6.0 ASK 1Mbps	2	2404	9.39	11.00	100.00
	38	2440	10.26	12.00	
	76	2478	9.46	11.00	

【Bluetooth_Ant 11_DSI 12】

Mode	Channel	Frequency (MHz)	Ant 11		
			Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	19.22	21.00	76.66
	39	2441	19.41	21.00	
	78	2480	18.76	20.50	
BR / EDR 2Mbps	0	2402	15.61	17.50	76.75
	39	2441	16.69	18.50	
	78	2480	15.04	16.50	
BR / EDR 3Mbps	0	2402	15.50	17.00	77.04
	39	2441	16.57	18.50	
	78	2480	14.95	16.50	
LE 125kbps	0	2402	11.50	13.00	82.95
	19	2440	12.86	14.50	
	39	2480	11.47	13.00	
LE 500kbps	0	2402	11.88	13.50	56.76
	19	2440	12.68	14.00	
	39	2480	11.54	13.00	
LE 1Mbps	0	2402	11.65	13.00	62.96
	19	2440	12.72	14.50	
	39	2480	11.67	13.00	
LE 2Mbps	0	2402	11.98	13.50	32.87
	19	2440	13.05	14.50	
	39	2480	11.87	13.50	
BT6.0 GFSK 1Mbps	2	2404	9.36	11.00	100.00
	38	2440	10.22	12.00	
	76	2478	9.43	11.00	
BT6.0 GFSK 2Mbps	2	2404	9.44	11.00	100.00
	38	2440	10.31	12.00	
	76	2478	9.51	11.00	
BT6.0 ASK 1Mbps	2	2404	9.39	11.00	100.00
	38	2440	10.26	12.00	
	76	2478	9.46	11.00	

**BT Beamforming****<Bluetooth_Ant 7_Full Power >**

Bluetooth_Ant 7_Full Power			Ant 7		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	14.55	16.00	77.01
	39	2441	15.29	17.00	77.01
	78	2480	13.92	15.50	77.01
BR / EDR 2Mbps	0	2402	9.26	11.00	30.94
	39	2441	10.08	11.50	30.94
	78	2480	9.64	11.00	30.94
BR / EDR 3Mbps	0	2402	8.88	10.50	30.94
	39	2441	9.97	11.50	30.94
	78	2480	9.28	11.00	30.94
LE 125kbps	0	2402	7.11	8.50	82.72
	19	2440	8.13	9.50	82.72
	39	2480	7.61	9.00	82.72
LE 500kbps	0	2402	7.28	9.00	57.14
	19	2440	7.85	9.50	57.14
	39	2480	7.19	8.50	57.14
LE 1Mbps	0	2402	6.96	8.50	62.50
	19	2440	8.32	10.00	62.50
	39	2480	7.59	9.00	62.50
LE 2Mbps	0	2402	7.12	8.50	33.33
	19	2440	8.22	10.00	33.33
	39	2480	7.63	9.00	33.33

<Bluetooth_Ant 11_Full Power >

Bluetooth_Ant 11_Full Power			Ant 11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	13.72	15.50	76.66
	39	2441	14.68	16.00	76.66
	78	2480	13.57	15.00	76.66
BR / EDR 2Mbps	0	2402	9.25	11.00	30.82
	39	2441	9.96	11.50	30.82
	78	2480	8.85	10.50	30.82
BR / EDR 3Mbps	0	2402	9.19	10.50	30.82
	39	2441	9.88	11.50	30.82
	78	2480	9.29	11.00	30.82
LE 125kbps	0	2402	5.87	7.50	82.95
	19	2440	7.03	8.50	82.95
	39	2480	5.60	7.00	82.95
LE 500kbps	0	2402	5.77	7.50	56.76
	19	2440	7.02	8.50	56.76
	39	2480	5.88	7.50	56.76
LE 1Mbps	0	2402	5.88	7.50	62.96
	19	2440	7.35	9.00	62.96
	39	2480	6.97	8.50	62.96
LE 2Mbps	0	2402	5.91	7.50	32.87
	19	2440	7.05	8.50	32.87
	39	2480	5.61	7.00	32.87

<Bluetooth_Ant 7+11_Full Power >					
Bluetooth_Ant 11_Full Power			Ant 7+11		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	17.17	18.80	77.01
	39	2441	18.01	19.50	77.01
	78	2480	16.76	18.30	77.01
BR / EDR 2Mbps	0	2402	12.27	14.00	30.94
	39	2441	13.03	14.50	30.94
	78	2480	12.28	13.80	30.94
BR / EDR 3Mbps	0	2402	12.05	13.50	30.94
	39	2441	12.94	14.50	30.94
	78	2480	12.30	14.00	30.94
LE 125kbps	0	2402	9.55	11.00	82.95
	19	2440	10.63	12.00	82.95
	39	2480	9.73	11.10	82.95
LE 500kbps	0	2402	9.60	11.30	57.14
	19	2440	10.47	12.00	57.14
	39	2480	9.59	11.00	57.14
LE 1Mbps	0	2402	9.46	11.00	62.96
	19	2440	10.87	12.50	62.96
	39	2480	10.30	11.80	62.96
LE 2Mbps	0	2402	9.57	11.00	33.33
	19	2440	10.69	12.30	33.33
	39	2480	9.75	11.10	33.33

WLAN Conducted Power

【2.4GHz WLAN_Ant 7+11_Full Power】

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	20.81	22.50	20.90	22.50	23.87	25.50	97.05
	6	2437	20.78	22.50	21.05	22.50	23.93	25.50	
	11	2462	20.77	22.50	21.11	22.50	23.95	25.50	
802.11g 6Mbps	1	2412	19.80	21.50	19.91	21.50	22.87	24.50	99.04
	6	2437	19.78	21.50	20.16	21.50	22.98	24.50	
	11	2462	18.90	20.50	19.09	20.50	22.01	23.50	
802.11n-HT20 MCS0	1	2412	19.00	20.50	19.23	21.00	22.13	23.80	100.00
	6	2437	19.02	20.50	19.61	21.00	22.34	23.80	
	11	2462	19.01	20.50	19.62	21.00	22.34	23.80	
802.11n-HT40 MCS0	3	2422	18.56	20.00	19.01	20.50	21.80	23.30	100.00
	6	2437	18.55	20.00	19.25	21.00	21.92	23.50	
	9	2452	15.89	17.50	16.05	17.50	18.98	20.50	
802.11ax-HE20 MCS0	1	2412	19.02	20.50	19.25	21.00	22.15	23.80	100.00
	6	2437	19.05	20.50	19.66	21.00	22.38	23.80	
	11	2462	19.03	20.50	19.65	21.00	22.36	23.80	
802.11ax-HE40 MCS0	3	2422	18.59	20.00	19.02	20.50	21.82	23.30	100.00
	6	2437	18.57	20.00	19.28	21.00	21.95	23.50	
	9	2452	15.90	17.50	16.07	17.50	19.00	20.50	
802.11be-EHT20 MCS0	1	2412	19.04	20.50	19.28	21.00	22.17	23.80	100.00
	6	2437	19.09	20.50	19.68	21.00	22.41	23.80	
	11	2462	19.05	20.50	19.69	21.00	22.39	23.80	
802.11be-EHT40 MCS0	3	2422	18.62	20.00	19.04	20.50	21.85	23.30	100.00
	6	2437	18.61	20.00	19.32	21.00	21.99	23.50	
	9	2452	15.92	17.50	16.09	17.50	19.02	20.50	



【2.4GHz WLAN_Ant 7+11_DSI 2】

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	20.81	22.50	20.90	22.50	23.87	25.50	97.05
	6	2437	20.78	22.50	21.05	22.50	23.93	25.50	
	11	2462	20.77	22.50	21.11	22.50	23.95	25.50	
802.11g 6Mbps	1	2412	19.80	21.50	19.91	21.50	22.87	24.50	99.04
	6	2437	19.78	21.50	20.16	21.50	22.98	24.50	
	11	2462	18.90	20.50	19.09	20.50	22.01	23.50	
802.11n-HT20 MCS0	1	2412	19.00	20.50	19.23	21.00	22.13	23.80	100.00
	6	2437	19.02	20.50	19.61	21.00	22.34	23.80	
	11	2462	19.01	20.50	19.62	21.00	22.34	23.80	
802.11n-HT40 MCS0	3	2422	18.56	20.00	19.01	20.50	21.80	23.30	100.00
	6	2437	18.55	20.00	19.25	21.00	21.92	23.50	
	9	2452	15.89	17.50	16.05	17.50	18.98	20.50	
802.11ax-HE20 MCS0	1	2412	19.02	20.50	19.25	21.00	22.15	23.80	100.00
	6	2437	19.05	20.50	19.66	21.00	22.38	23.80	
	11	2462	19.03	20.50	19.65	21.00	22.36	23.80	
802.11ax-HE40 MCS0	3	2422	18.59	20.00	19.02	20.50	21.82	23.30	100.00
	6	2437	18.57	20.00	19.28	21.00	21.95	23.50	
	9	2452	15.90	17.50	16.07	17.50	19.00	20.50	
802.11be-EHT20 MCS0	1	2412	19.04	20.50	19.28	21.00	22.17	23.80	100.00
	6	2437	19.09	20.50	19.68	21.00	22.41	23.80	
	11	2462	19.05	20.50	19.69	21.00	22.39	23.80	
802.11be-EHT40 MCS0	3	2422	18.62	20.00	19.04	20.50	21.85	23.30	100.00
	6	2437	18.61	20.00	19.32	21.00	21.99	23.50	
	9	2452	15.92	17.50	16.09	17.50	19.02	20.50	

【2.4GHz WLAN_Ant 7+11_DSI 3】

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	19.83	21.30	19.95	21.30	22.90	24.30	97.05
	6	2437	19.72	21.30	20.07	21.30	22.91	24.30	
	11	2462	19.79	21.30	20.15	21.30	22.98	24.30	
802.11g 6Mbps	1	2412	19.80	21.30	19.91	21.30	22.87	24.30	99.04
	6	2437	19.78	21.30	20.16	21.30	22.98	24.30	
	11	2462	18.90	20.50	19.09	20.50	22.01	23.50	
802.11n-HT20 MCS0	1	2412	Not Required	20.50	Not Required	21.00	Not Required	23.80	Not Required
	6	2437		20.50		21.00		23.80	
	11	2462		20.50		21.00		23.80	
802.11n-HT40 MCS0	3	2422		20.00		20.50		23.30	
	6	2437		20.00		21.00		23.50	
	9	2452		17.50		17.50		20.50	
802.11ax-HE20 MCS0	1	2412		20.50		21.00		23.80	
	6	2437		20.50		21.00		23.80	
	11	2462		20.50		21.00		23.80	
802.11ax-HE40 MCS0	3	2422		20.00		20.50		23.30	
	6	2437		20.00		21.00		23.50	
	9	2452		17.50		17.50		20.50	
802.11be-EHT20 MCS0	1	2412		20.50		21.00		23.80	
	6	2437		20.50		21.00		23.80	
	11	2462		20.50		21.00		23.80	
802.11be-EHT40 MCS0	3	2422		20.00		20.50		23.30	
	6	2437		20.00		21.00		23.50	
	9	2452		17.50		17.50		20.50	

**【2.4GHz WLAN_Ant 7+11_DSI 4】**

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	20.81	22.50	20.90	22.50	23.87	25.50	97.05
	6	2437	20.78	22.50	21.05	22.50	23.93	25.50	
	11	2462	20.77	22.50	21.11	22.50	23.95	25.50	
802.11g 6Mbps	1	2412	19.80	21.50	19.91	21.50	22.87	24.50	99.04
	6	2437	19.78	21.50	20.16	21.50	22.98	24.50	
	11	2462	18.90	20.50	19.09	20.50	22.01	23.50	
802.11n-HT20 MCS0	1	2412	19.00	20.50	19.23	21.00	22.13	23.80	100.00
	6	2437	19.02	20.50	19.61	21.00	22.34	23.80	
	11	2462	19.01	20.50	19.62	21.00	22.34	23.80	
802.11n-HT40 MCS0	3	2422	18.56	20.00	19.01	20.50	21.80	23.30	100.00
	6	2437	18.55	20.00	19.25	21.00	21.92	23.50	
	9	2452	15.89	17.50	16.05	17.50	18.98	20.50	
802.11ax-HE20 MCS0	1	2412	19.02	20.50	19.25	21.00	22.15	23.80	100.00
	6	2437	19.05	20.50	19.66	21.00	22.38	23.80	
	11	2462	19.03	20.50	19.65	21.00	22.36	23.80	
802.11ax-HE40 MCS0	3	2422	18.59	20.00	19.02	20.50	21.82	23.30	100.00
	6	2437	18.57	20.00	19.28	21.00	21.95	23.50	
	9	2452	15.90	17.50	16.07	17.50	19.00	20.50	
802.11be-EHT20 MCS0	1	2412	19.04	20.50	19.28	21.00	22.17	23.80	100.00
	6	2437	19.09	20.50	19.68	21.00	22.41	23.80	
	11	2462	19.05	20.50	19.69	21.00	22.39	23.80	
802.11be-EHT40 MCS0	3	2422	18.62	20.00	19.04	20.50	21.85	23.30	100.00
	6	2437	18.61	20.00	19.32	21.00	21.99	23.50	
	9	2452	15.92	17.50	16.09	17.50	19.02	20.50	

【2.4GHz WLAN_Ant 7+11_DSI 6】

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		Duty Cycle %
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	20.81	22.50	20.90	22.50	23.87	25.50	97.05
	6	2437	20.78	22.50	21.05	22.50	23.93	25.50	
	11	2462	20.77	22.50	21.11	22.50	23.95	25.50	
802.11g 6Mbps	1	2412	19.80	21.50	19.91	21.50	22.87	24.50	99.04
	6	2437	19.78	21.50	20.16	21.50	22.98	24.50	
	11	2462	18.90	20.50	19.09	20.50	22.01	23.50	
802.11n-HT20 MCS0	1	2412	19.00	20.50	19.23	21.00	22.13	23.80	100.00
	6	2437	19.02	20.50	19.61	21.00	22.34	23.80	
	11	2462	19.01	20.50	19.62	21.00	22.34	23.80	
802.11n-HT40 MCS0	3	2422	18.56	20.00	19.01	20.50	21.80	23.30	100.00
	6	2437	18.55	20.00	19.25	21.00	21.92	23.50	
	9	2452	15.89	17.50	16.05	17.50	18.98	20.50	
802.11ax-HE20 MCS0	1	2412	19.02	20.50	19.25	21.00	22.15	23.80	100.00
	6	2437	19.05	20.50	19.66	21.00	22.38	23.80	
	11	2462	19.03	20.50	19.65	21.00	22.36	23.80	
802.11ax-HE40 MCS0	3	2422	18.59	20.00	19.02	20.50	21.82	23.30	100.00
	6	2437	18.57	20.00	19.28	21.00	21.95	23.50	
	9	2452	15.90	17.50	16.07	17.50	19.00	20.50	
802.11be-EHT20 MCS0	1	2412	19.04	20.50	19.28	21.00	22.17	23.80	100.00
	6	2437	19.09	20.50	19.68	21.00	22.41	23.80	
	11	2462	19.05	20.50	19.69	21.00	22.39	23.80	
802.11be-EHT40 MCS0	3	2422	18.62	20.00	19.04	20.50	21.85	23.30	100.00
	6	2437	18.61	20.00	19.32	21.00	21.99	23.50	
	9	2452	15.92	17.50	16.09	17.50	19.02	20.50	

**【2.4GHz WLAN_Ant 7+11_DSI 7】**

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	19.83	21.50	19.95	21.50	22.90	24.50	97.05
	6	2437	19.72	21.50	20.07	21.50	22.91	24.50	
	11	2462	19.79	21.50	20.15	21.50	22.98	24.50	
802.11g 6Mbps	1	2412	19.80	21.50	19.91	21.50	22.87	24.50	99.04
	6	2437	19.78	21.50	20.16	21.50	22.98	24.50	
	11	2462	18.90	20.50	19.09	20.50	22.01	23.50	
802.11n-HT20 MCS0	1	2412	Not Required	20.50	Not Required	21.00	Not Required	23.80	Not Required
	6	2437		20.50		21.00		23.80	
	11	2462		20.50		21.00		23.80	
802.11n-HT40 MCS0	3	2422		20.00		20.50		23.30	
	6	2437		20.00		21.00		23.50	
	9	2452		17.50		17.50		20.50	
802.11ax-HE20 MCS0	1	2412		20.50		21.00		23.80	
	6	2437		20.50		21.00		23.80	
	11	2462		20.50		21.00		23.80	
802.11ax-HE40 MCS0	3	2422		20.00		20.50		23.30	
	6	2437		20.00		21.00		23.50	
	9	2452		17.50		17.50		20.50	
802.11be-EHT20 MCS0	1	2412		20.50		21.00		23.80	
	6	2437		20.50		21.00		23.80	
	11	2462		20.50		21.00		23.80	
802.11be-EHT40 MCS0	3	2422		20.00		20.50		23.30	
	6	2437		20.00		21.00		23.50	
	9	2452		17.50		17.50		20.50	

【2.4GHz WLAN_Ant 7+11_DSI 12】

Mode	Channel	Frequency (MHz)	Ant 7+11(7)		Ant 7+11(11)		Ant 7+11		
			Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	14.41	16.00	14.43	16.00	17.43	19.00	97.05
	6	2437	14.48	16.00	14.58	16.00	17.54	19.00	
	11	2462	14.35	16.00	14.65	16.00	17.51	19.00	
802.11g 6Mbps	1	2412	14.31	16.00	14.43	16.00	17.38	19.00	99.04
	6	2437	14.29	16.00	14.67	16.00	17.49	19.00	
	11	2462	14.43	16.00	14.61	16.00	17.53	19.00	
802.11n-HT20 MCS0	1	2412	Not Required	16.00	Not Required	16.00	Not Required	19.00	Not Required
	6	2437		16.00		16.00		19.00	
	11	2462		16.00		16.00		19.00	
802.11n-HT40 MCS0	3	2422		16.00		16.00		19.00	
	6	2437		16.00		16.00		19.00	
	9	2452		16.00		16.00		19.00	
802.11ax-HE20 MCS0	1	2412		16.00		16.00		19.00	
	6	2437		16.00		16.00		19.00	
	11	2462		16.00		16.00		19.00	
802.11ax-HE40 MCS0	3	2422		16.00		16.00		19.00	
	6	2437		16.00		16.00		19.00	
	9	2452		16.00		16.00		19.00	
802.11be-EHT20 MCS0	1	2412		16.00		16.00		19.00	
	6	2437		16.00		16.00		19.00	
	11	2462		16.00		16.00		19.00	
802.11be-EHT40 MCS0	3	2422		16.00		16.00		19.00	
	6	2437		16.00		16.00		19.00	
	9	2452		16.00		16.00		19.00	



<5.2GHz WLAN_Ant 6+1_Full Power >									
5.2GHz WLAN_Ant 6+1_Full Power			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	16.23	18.00	16.70	18.50	19.48	21.30	98.97
	40	5200	16.28	18.00	16.45	18.00	19.38	21.00	98.97
	44	5220	16.51	18.00	16.76	18.50	19.65	21.30	98.97
	48	5240	16.58	18.00	16.76	18.50	19.68	21.30	98.97
802.11n-HT20 MCS0	36	5180	16.84	18.50	17.50	19.00	20.19	21.80	100.00
	40	5200	16.81	18.50	17.24	19.00	20.04	21.80	100.00
	44	5220	16.77	18.50	17.19	19.00	20.00	21.80	100.00
	48	5240	16.70	18.50	17.03	18.50	19.88	21.50	100.00
802.11n-HT40 MCS0	38	5190	17.23	19.00	17.72	19.00	20.49	22.00	100.00
	46	5230	19.12	20.50	19.26	21.00	22.20	23.80	100.00
802.11ac-VHT20 MCS0	36	5180	16.89	18.50	17.58	19.00	20.26	21.80	100.00
	40	5200	16.89	18.50	17.32	19.00	20.12	21.80	100.00
	44	5220	16.81	18.50	17.23	19.00	20.04	21.80	100.00
	48	5240	16.75	18.50	17.10	18.50	19.94	21.50	100.00
802.11ac-VHT40 MCS0	38	5190	17.25	19.00	17.75	19.50	20.52	22.30	100.00
	46	5230	19.16	20.50	19.29	21.00	22.24	23.80	100.00
802.11ac-VHT80 MCS0	42	5210	18.55	20.00	18.91	20.50	21.74	23.30	100.00
802.11ax-HE20 MCS0	36	5180	16.94	18.50	17.66	19.00	20.33	21.80	100.00
	40	5200	16.94	18.50	17.38	19.00	20.18	21.80	100.00
	44	5220	16.86	18.50	17.29	19.00	20.09	21.80	100.00
	48	5240	16.82	18.50	17.15	19.00	20.00	21.80	100.00
802.11ax-HE40 MCS0	38	5190	17.29	19.00	17.79	19.50	20.56	22.30	100.00
	46	5230	19.21	20.50	19.33	21.00	22.28	23.80	100.00
802.11ax-HE80 MCS0	42	5210	18.61	20.00	18.96	20.50	21.80	23.30	100.00
802.11be-EHT20 MCS0	36	5180	17.00	18.50	17.71	19.00	20.38	21.80	100.00
	40	5200	16.98	18.50	17.44	19.00	20.23	21.80	100.00
	44	5220	16.92	18.50	17.34	19.00	20.15	21.80	100.00
	48	5240	16.87	18.50	17.23	19.00	20.06	21.80	100.00
802.11be-EHT40 MCS0	38	5190	17.36	19.00	17.84	19.50	20.62	22.30	100.00
	46	5230	19.29	20.50	19.38	20.50	22.35	23.50	100.00
802.11be-EHT80 MCS0	42	5210	18.68	20.00	19.01	20.50	21.86	23.30	100.00

<5.3GHz WLAN_Ant 6+1_Full Power >									
5.3GHz WLAN_Ant 6+1_Full Power			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	16.73	18.50	16.71	18.00	19.73	21.30	98.97
	56	5280	16.88	18.50	16.99	18.50	19.95	21.50	98.97
	60	5300	16.34	18.00	16.46	18.00	19.41	21.00	98.97
	64	5320	16.74	18.50	17.08	18.50	19.92	21.50	98.97
802.11n-HT20 MCS0	52	5260	16.88	18.50	17.05	18.50	19.98	21.50	100.00



	56	5280	16.98	18.50	17.27	19.00	20.14	21.80	100.00
	60	5300	16.57	18.00	16.63	18.00	19.61	21.00	100.00
	64	5320	16.97	18.50	17.17	18.50	20.08	21.50	100.00
802.11n-HT40 MCS0	54	5270	19.68	21.00	19.63	21.00	22.67	24.00	100.00
	62	5310	19.26	21.00	19.23	21.00	22.26	24.00	100.00
802.11ac-VHT20 MCS0	52	5260	16.92	18.50	17.13	18.50	20.04	21.50	100.00
	56	5280	17.06	18.50	17.32	19.00	20.20	21.80	100.00
	60	5300	16.62	18.00	16.69	18.00	19.67	21.00	100.00
	64	5320	17.03	18.50	17.25	19.00	20.15	21.80	100.00
802.11ac-VHT40 MCS0	54	5270	19.75	21.50	19.67	21.00	22.72	24.30	100.00
	62	5310	19.32	21.00	19.28	21.00	22.31	24.00	100.00
802.11ac-VHT80 MCS0	58	5290	19.51	21.00	19.44	21.00	22.49	24.00	100.00
802.11ac-VHT160 MCS0	50	5250	18.21	19.50	18.42	20.00	21.33	22.80	100.00
802.11ax-HE20 MCS0	52	5260	16.98	18.50	17.19	18.50	20.10	21.50	100.00
	56	5280	17.14	18.50	17.38	19.00	20.27	21.80	100.00
	60	5300	16.70	18.00	16.74	18.00	19.73	21.00	100.00
	64	5320	17.09	18.50	17.31	19.00	20.21	21.80	100.00
802.11ax-HE40 MCS0	54	5270	19.79	21.00	19.75	21.00	22.78	24.00	100.00
	62	5310	19.37	21.00	19.32	21.00	22.36	24.00	100.00
802.11ax-HE80 MCS0	58	5290	19.57	21.00	19.52	21.00	22.56	24.00	100.00
802.11ax-HE160 MCS0	50	5250	18.27	19.50	18.47	20.00	21.38	22.80	100.00
802.11be-EHT20 MCS0	52	5260	17.02	18.50	17.23	18.50	20.14	21.50	100.00
	56	5280	17.18	18.50	17.46	19.00	20.33	21.80	100.00
	60	5300	16.75	18.00	16.81	18.50	19.79	21.30	100.00
	64	5320	17.16	18.50	17.38	19.00	20.28	21.80	100.00
802.11be-EHT40 MCS0	54	5270	19.84	21.00	19.81	21.50	22.84	24.30	100.00
	62	5310	19.42	21.00	19.38	21.00	22.41	24.00	100.00
802.11be-EHT80 MCS0	58	5290	19.61	21.00	19.58	21.00	22.61	24.00	100.00
802.11be-EHT160 MCS0	50	5250	18.35	20.00	18.51	20.00	21.44	23.00	100.00

<5.5GHz WLAN_Ant 6+1_Full Power >									
5.5GHz WLAN_Ant 6+1_Full Power			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	16.66	18.00	16.61	18.00	19.65	21.00	98.97
	116	5580	16.68	18.00	16.47	18.00	19.59	21.00	98.97
	124	5620	16.70	18.00	16.46	18.00	19.59	21.00	98.97
	132	5660	16.60	18.00	16.52	18.00	19.57	21.00	98.97
	144	5720	16.74	18.00	16.70	18.00	19.73	21.00	98.97
802.11n-HT20 MCS0	100	5500	16.87	18.50	16.86	18.50	19.88	21.50	100.00
	116	5580	16.88	18.50	16.85	18.50	19.88	21.50	100.00
	124	5620	16.83	18.50	16.62	18.00	19.74	21.30	100.00
	132	5660	16.63	18.00	16.80	18.50	19.73	21.30	100.00
	144	5720	16.99	18.50	16.90	18.50	19.96	21.50	100.00
802.11n-HT40 MCS0	102	5510	19.70	21.00	19.32	21.00	22.52	24.00	100.00
	110	5550	19.70	21.00	19.21	20.50	22.47	23.80	100.00



	126	5630	19.37	21.00	19.21	20.50	22.30	23.80	100.00
	134	5670	19.42	21.00	19.31	21.00	22.38	24.00	100.00
	142	5710	19.52	21.00	19.43	21.00	22.49	24.00	100.00
802.11ac-VHT20 MCS0	100	5500	16.92	18.50	16.91	18.50	19.93	21.50	100.00
	116	5580	16.94	18.50	16.90	18.50	19.93	21.50	100.00
	124	5620	16.90	18.50	16.70	18.00	19.81	21.30	100.00
	132	5660	16.70	18.00	16.84	18.50	19.78	21.30	100.00
	144	5720	17.04	18.50	16.97	18.50	20.02	21.50	100.00
802.11ac-VHT40 MCS0	102	5510	19.74	21.50	19.39	21.00	22.58	24.30	100.00
	110	5550	19.74	21.50	19.28	21.00	22.53	24.30	100.00
	126	5630	19.45	21.00	19.26	21.00	22.37	24.00	100.00
	134	5670	19.46	21.00	19.35	21.00	22.42	24.00	100.00
	142	5710	19.57	21.00	19.48	21.00	22.54	24.00	100.00
802.11ac-VHT80 MCS0	106	5530	19.72	21.50	19.27	21.00	22.51	24.30	100.00
	122	5610	19.55	21.00	19.13	20.50	22.36	23.80	100.00
	138	5690	19.59	21.00	19.39	21.00	22.50	24.00	100.00
802.11ac-VHT160 MCS0	114	5570	18.76	20.50	18.38	20.00	21.58	23.30	100.00
802.11ax-HE20 MCS0	100	5500	16.97	18.50	16.95	18.50	19.97	21.50	100.00
	116	5580	17.00	18.50	16.98	18.50	20.00	21.50	100.00
	124	5620	16.98	18.50	16.77	18.50	19.89	21.50	100.00
	132	5660	16.77	18.50	16.89	18.50	19.84	21.50	100.00
	144	5720	17.09	18.50	17.02	18.50	20.07	21.50	100.00
802.11ax-HE40 MCS0	102	5510	19.79	21.50	19.43	21.00	22.62	24.30	100.00
	110	5550	19.80	21.50	19.32	21.00	22.58	24.30	100.00
	126	5630	19.53	21.00	19.32	21.00	22.44	24.00	100.00
	134	5670	19.52	21.00	19.39	21.00	22.47	24.00	100.00
	142	5710	19.65	21.00	19.55	21.00	22.61	24.00	100.00
802.11ax-HE80 MCS0	106	5530	19.79	21.50	19.32	21.00	22.57	24.30	100.00
	122	5610	19.61	21.00	19.21	20.50	22.42	23.80	100.00
	138	5690	19.66	21.00	19.45	21.00	22.57	24.00	100.00
802.11ax-HE160 MCS0	114	5570	18.80	20.50	18.45	20.00	21.64	23.30	100.00
802.11be-EHT20 MCS0	100	5500	17.05	18.50	17.00	18.50	20.04	21.50	100.00
	116	5580	17.05	18.50	17.02	18.50	20.05	21.50	100.00
	124	5620	17.02	18.50	16.85	18.50	19.95	21.50	100.00
	132	5660	16.84	18.50	16.94	18.50	19.90	21.50	100.00
	144	5720	17.16	18.50	17.08	18.50	20.13	21.50	100.00
802.11be-EHT40 MCS0	102	5510	19.84	21.50	19.47	21.00	22.67	24.30	100.00
	110	5550	19.87	21.50	19.37	21.00	22.64	24.30	100.00
	126	5630	19.61	21.00	19.39	21.00	22.51	24.00	100.00
	134	5670	19.58	21.00	19.44	21.00	22.52	24.00	100.00
	142	5710	19.69	21.00	19.63	21.00	22.67	24.00	100.00
802.11be-EHT80 MCS0	106	5530	19.83	21.50	19.40	21.00	22.63	24.30	100.00
	122	5610	19.68	21.00	19.29	21.00	22.50	24.00	100.00
	138	5690	19.71	21.00	19.53	21.00	22.63	24.00	100.00
802.11be-EHT160 MCS0	114	5570	18.86	20.50	18.52	20.00	21.70	23.30	100.00



<5.8GHz WLAN_Ant 6+1_Full Power >									
5.8GHz WLAN_Ant 6+1_Full Power			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	20.63	22.00	20.30	22.00	23.48	25.00	98.97
	157	5785	20.72	22.00	20.43	22.00	23.59	25.00	98.97
	165	5825	20.69	22.00	20.75	22.00	23.73	25.00	98.97
802.11n-HT20 MCS0	149	5745	20.37	22.00	20.11	21.50	23.25	24.80	100.00
	157	5785	20.49	22.00	20.23	21.50	23.37	24.80	100.00
	165	5825	20.51	22.00	20.53	22.00	23.53	25.00	100.00
802.11n-HT40 MCS0	151	5755	20.43	22.00	20.18	21.50	23.32	24.80	100.00
	159	5795	20.46	22.00	20.19	21.50	23.34	24.80	100.00
802.11ac-VHT20 MCS0	149	5745	20.44	22.00	20.13	21.50	23.30	24.80	100.00
	157	5785	20.54	22.00	20.30	22.00	23.43	25.00	100.00
	165	5825	20.55	22.00	20.57	22.00	23.57	25.00	100.00
802.11ac-VHT40 MCS0	151	5755	20.50	22.00	20.21	22.00	23.37	25.00	100.00
	159	5795	20.52	22.00	20.26	22.00	23.40	25.00	100.00
802.11ac-VHT80 MCS0	155	5775	20.40	22.00	20.30	22.00	23.36	25.00	100.00
802.11ax-HE20 MCS0	149	5745	20.52	22.00	20.21	21.50	23.38	24.80	100.00
	157	5785	20.57	22.00	20.32	22.00	23.46	25.00	100.00
	165	5825	20.60	22.00	20.62	22.00	23.62	25.00	100.00
802.11ax-HE40 MCS0	151	5755	20.56	22.00	20.25	22.00	23.42	25.00	100.00
	159	5795	20.60	22.00	20.29	22.00	23.46	25.00	100.00
802.11ax-HE80 MCS0	155	5775	20.45	22.00	20.35	22.00	23.41	25.00	100.00
802.11be-EHT20 MCS0	149	5745	20.58	22.00	20.25	22.00	23.43	25.00	100.00
	157	5785	20.61	22.00	20.36	22.00	23.50	25.00	100.00
	165	5825	20.64	22.00	20.66	22.00	23.66	25.00	100.00
802.11be-EHT40 MCS0	151	5755	20.58	22.00	20.27	22.00	23.44	25.00	100.00
	159	5795	20.62	22.00	20.34	22.00	23.49	25.00	100.00
802.11be-EHT80 MCS0	155	5775	20.51	22.00	20.42	22.00	23.48	25.00	100.00

<5.2GHz WLAN_Ant 6+1_DSI 2>									
5.2GHz WLAN_Ant 6+1_DSI 2			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	16.23	18.00	16.70	18.50	19.48	21.30	98.97
	40	5200	16.28	18.00	16.45	18.00	19.38	21.00	98.97
	44	5220	16.51	18.00	16.76	18.50	19.65	21.30	98.97
	48	5240	16.58	18.00	16.76	18.50	19.68	21.30	98.97
802.11n-HT20 MCS0	36	5180	16.84	18.50	17.50	19.00	20.19	21.80	100.00
	40	5200	16.81	18.50	17.24	19.00	20.04	21.80	100.00
	44	5220	16.77	18.50	17.19	19.00	20.00	21.80	100.00
	48	5240	16.70	18.50	17.03	18.50	19.88	21.50	100.00
802.11n-HT40 MCS0	38	5190	17.23	19.00	17.72	19.00	20.49	22.00	100.00
	46	5230	19.12	20.50	19.26	21.00	22.20	23.80	100.00
802.11ac-VHT20 MCS0	36	5180	16.89	18.50	17.58	19.00	20.26	21.80	100.00



	40	5200	16.89	18.50	17.32	19.00	20.12	21.80	100.00
	44	5220	16.81	18.50	17.23	19.00	20.04	21.80	100.00
	48	5240	16.75	18.50	17.10	18.50	19.94	21.50	100.00
802.11ac-VHT40 MCS0	38	5190	17.25	19.00	17.75	19.50	20.52	22.30	100.00
	46	5230	19.16	20.50	19.29	21.00	22.24	23.80	100.00
802.11ac-VHT80 MCS0	42	5210	18.55	20.00	18.91	20.50	21.74	23.30	100.00
802.11ax-HE20 MCS0	36	5180	16.94	18.50	17.66	19.00	20.33	21.80	100.00
	40	5200	16.94	18.50	17.38	19.00	20.18	21.80	100.00
	44	5220	16.86	18.50	17.29	19.00	20.09	21.80	100.00
	48	5240	16.82	18.50	17.15	19.00	20.00	21.80	100.00
802.11ax-HE40 MCS0	38	5190	17.29	19.00	17.79	19.50	20.56	22.30	100.00
	46	5230	19.21	20.50	19.33	21.00	22.28	23.80	100.00
802.11ax-HE80 MCS0	42	5210	18.61	20.00	18.96	20.50	21.80	23.30	100.00
802.11be-EHT20 MCS0	36	5180	17.00	18.50	17.71	19.00	20.38	21.80	100.00
	40	5200	16.98	18.50	17.44	19.00	20.23	21.80	100.00
	44	5220	16.92	18.50	17.34	19.00	20.15	21.80	100.00
	48	5240	16.87	18.50	17.23	19.00	20.06	21.80	100.00
802.11be-EHT40 MCS0	38	5190	17.36	19.00	17.84	19.50	20.62	22.30	100.00
	46	5230	19.29	20.50	19.38	20.50	22.35	23.50	100.00
802.11be-EHT80 MCS0	42	5210	18.68	20.00	19.01	20.50	21.86	23.30	100.00

<5.3GHz WLAN_Ant 6+1_DSI 2>									
5.3GHz WLAN_Ant 6+1_DSI 2			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	18.50	Not Required	18.00	Not Required	21.30	Not Required
	56	5280	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	64	5320	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
802.11n-HT20 MCS0	52	5260	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	56	5280	Not Required	18.50	Not Required	19.00	Not Required	21.80	Not Required
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	64	5320	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
802.11n-HT40 MCS0	54	5270	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	62	5310	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
802.11ac-VHT20 MCS0	52	5260	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	56	5280	Not Required	18.50	Not Required	19.00	Not Required	21.80	Not Required
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	64	5320	Not Required	18.50	Not Required	19.00	Not Required	21.80	Not Required
802.11ac-VHT40 MCS0	54	5270	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	62	5310	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
802.11ac-VHT80 MCS0	58	5290	19.51	20.80	19.44	20.80	22.49	23.80	100.00
802.11ac-VHT160 MCS0	50	5250	Not Required	19.50	Not Required	20.00	Not Required	22.80	Not Required
802.11ax-HE20 MCS0	52	5260	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	56	5280	Not Required	18.50	Not Required	19.00	Not Required	21.80	Not Required
	60	5300	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required



	64	5320	Not Required	18.50	Not Required	19.00	Not Required	21.80	Not Required
802.11ax-HE40 MCS0	54	5270	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	62	5310	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
802.11ax-HE80 MCS0	58	5290	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
802.11ax-HE160 MCS0	50	5250	Not Required	19.50	Not Required	20.00	Not Required	22.80	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	56	5280	Not Required	18.50	Not Required	19.00	Not Required	21.80	Not Required
	60	5300	Not Required	18.00	Not Required	18.50	Not Required	21.30	Not Required
	64	5320	Not Required	18.50	Not Required	19.00	Not Required	21.80	Not Required
802.11be-EHT40 MCS0	54	5270	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	62	5310	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
802.11be-EHT80 MCS0	58	5290	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
802.11be-EHT160 MCS0	50	5250	Not Required	20.00	Not Required	20.00	Not Required	23.00	Not Required

<5.5GHz WLAN_Ant 6+1_DSI 2>									
5.5GHz WLAN_Ant 6+1_DSI 2			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	116	5580	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	124	5620	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	132	5660	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	144	5720	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11n-HT20 MCS0	100	5500	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	116	5580	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	124	5620	Not Required	18.50	Not Required	18.00	Not Required	21.30	Not Required
	132	5660	Not Required	18.00	Not Required	18.50	Not Required	21.30	Not Required
	144	5720	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
802.11n-HT40 MCS0	102	5510	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	110	5550	Not Required	20.80	Not Required	20.50	Not Required	23.70	Not Required
	126	5630	Not Required	20.80	Not Required	20.50	Not Required	23.70	Not Required
	134	5670	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	142	5710	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
802.11ac-VHT20 MCS0	100	5500	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	116	5580	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	124	5620	Not Required	18.50	Not Required	18.00	Not Required	21.30	Not Required
	132	5660	Not Required	18.00	Not Required	18.50	Not Required	21.30	Not Required
	144	5720	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
802.11ac-VHT40 MCS0	102	5510	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	110	5550	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	126	5630	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	134	5670	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	142	5710	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
802.11ac-VHT80 MCS0	106	5530	19.47	20.80	19.53	20.80	22.51	23.80	100.00
	122	5610	19.52	20.80	19.11	20.50	22.33	23.70	100.00
	138	5690	19.62	20.80	19.35	20.80	22.50	23.80	100.00



802.11ac-VHT160 MCS0	114	5570	Not Required	20.50	Not Required	20.00	Not Required	23.30	Not Required
802.11ax-HE20 MCS0	100	5500	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	116	5580	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	124	5620	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	132	5660	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	144	5720	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
802.11ax-HE40 MCS0	102	5510	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	110	5550	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	126	5630	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	134	5670	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	142	5710	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
802.11ax-HE80 MCS0	106	5530	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	122	5610	Not Required	20.80	Not Required	20.50	Not Required	23.70	Not Required
	138	5690	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
802.11ax-HE160 MCS0	114	5570	Not Required	20.50	Not Required	20.00	Not Required	23.30	Not Required
802.11be-EHT20 MCS0	100	5500	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	116	5580	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	124	5620	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	132	5660	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
	144	5720	Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
802.11be-EHT40 MCS0	102	5510	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	110	5550	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	126	5630	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	134	5670	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	142	5710	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
802.11be-EHT80 MCS0	106	5530	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	122	5610	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
	138	5690	Not Required	20.80	Not Required	20.80	Not Required	23.80	Not Required
802.11be-EHT160 MCS0	114	5570	Not Required	20.50	Not Required	20.00	Not Required	23.30	Not Required

<5.8GHz WLAN_Ant 6+1_DSI 2>									
5.8GHz WLAN_Ant 6+1_DSI 2			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	20.63	22.00	20.30	22.00	23.48	25.00	98.97
	157	5785	20.72	22.00	20.43	22.00	23.59	25.00	98.97
	165	5825	20.69	22.00	20.75	22.00	23.73	25.00	98.97
802.11n-HT20 MCS0	149	5745	20.37	22.00	20.11	21.50	23.25	24.80	100.00
	157	5785	20.49	22.00	20.23	21.50	23.37	24.80	100.00
	165	5825	20.51	22.00	20.53	22.00	23.53	25.00	100.00
802.11n-HT40 MCS0	151	5755	20.43	22.00	20.18	21.50	23.32	24.80	100.00
	159	5795	20.46	22.00	20.19	21.50	23.34	24.80	100.00
802.11ac-VHT20 MCS0	149	5745	20.44	22.00	20.13	21.50	23.30	24.80	100.00
	157	5785	20.54	22.00	20.30	22.00	23.43	25.00	100.00
	165	5825	20.55	22.00	20.57	22.00	23.57	25.00	100.00
802.11ac-VHT40 MCS0	151	5755	20.50	22.00	20.21	22.00	23.37	25.00	100.00



	159	5795	20.52	22.00	20.26	22.00	23.40	25.00	100.00
802.11ac-VHT80 MCS0	155	5775	20.40	22.00	20.30	22.00	23.36	25.00	100.00
802.11ax-HE20 MCS0	149	5745	20.52	22.00	20.21	21.50	23.38	24.80	100.00
	157	5785	20.57	22.00	20.32	22.00	23.46	25.00	100.00
	165	5825	20.60	22.00	20.62	22.00	23.62	25.00	100.00
802.11ax-HE40 MCS0	151	5755	20.56	22.00	20.25	22.00	23.42	25.00	100.00
	159	5795	20.60	22.00	20.29	22.00	23.46	25.00	100.00
802.11ax-HE80 MCS0	155	5775	20.45	22.00	20.35	22.00	23.41	25.00	100.00
802.11be-EHT20 MCS0	149	5745	20.58	22.00	20.25	22.00	23.43	25.00	100.00
	157	5785	20.61	22.00	20.36	22.00	23.50	25.00	100.00
	165	5825	20.64	22.00	20.66	22.00	23.66	25.00	100.00
802.11be-EHT40 MCS0	151	5755	20.58	22.00	20.27	22.00	23.44	25.00	100.00
	159	5795	20.62	22.00	20.34	22.00	23.49	25.00	100.00
802.11be-EHT80 MCS0	155	5775	20.51	22.00	20.42	22.00	23.48	25.00	100.00

<5.2GHz WLAN_Ant 6+1_DSI 3>									
5.2GHz WLAN_Ant 6+1_DSI 3			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11n-HT20 MCS0	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11n-HT40 MCS0	38	5190	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	46	5230	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT20 MCS0	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT40 MCS0	38	5190	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	46	5230	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT80 MCS0	42	5210	13.35	15.30	13.69	15.30	16.53	18.30	100.00
802.11ax-HE20 MCS0	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ax-HE40 MCS0	38	5190	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	46	5230	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ax-HE80 MCS0	42	5210	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required



	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT40 MCS0	38	5190	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	46	5230	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT80 MCS0	42	5210	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required

<5.3GHz WLAN_Ant 6+1_DSI 3>									
5.3GHz WLAN_Ant 6+1_DSI 3			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	56	5280	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	60	5300	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	64	5320	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11n-HT20 MCS0	52	5260	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	56	5280	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	60	5300	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	64	5320	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11n-HT40 MCS0	54	5270	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	62	5310	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT20 MCS0	52	5260	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	56	5280	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	60	5300	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	64	5320	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT40 MCS0	54	5270	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	62	5310	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT80 MCS0	58	5290	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT160 MCS0	50	5250	13.41	15.30	13.73	15.30	16.58	18.30	100.00
802.11ax-HE20 MCS0	52	5260	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	56	5280	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	60	5300	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	64	5320	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ax-HE40 MCS0	54	5270	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	62	5310	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ax-HE80 MCS0	58	5290	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ax-HE160 MCS0	50	5250	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	56	5280	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	60	5300	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	64	5320	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT40 MCS0	54	5270	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	62	5310	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT80 MCS0	58	5290	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT160 MCS0	50	5250	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required



<5.5GHz WLAN_Ant 6+1_DSI 3>									
5.5GHz WLAN_Ant 6+1_DSI 3			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	116	5580	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	124	5620	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	132	5660	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	144	5720	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11n-HT20 MCS0	100	5500	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	116	5580	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	124	5620	Not Required	18.30	Not Required	18.00	Not Required	21.20	Not Required
	132	5660	Not Required	18.00	Not Required	18.30	Not Required	21.20	Not Required
	144	5720	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11n-HT40 MCS0	102	5510	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	110	5550	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	126	5630	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	134	5670	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	142	5710	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ac-VHT20 MCS0	100	5500	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	116	5580	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	124	5620	Not Required	18.30	Not Required	18.00	Not Required	21.20	Not Required
	132	5660	Not Required	18.00	Not Required	18.30	Not Required	21.20	Not Required
	144	5720	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ac-VHT40 MCS0	102	5510	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	110	5550	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	126	5630	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	134	5670	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	142	5710	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ac-VHT80 MCS0	106	5530	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	122	5610	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	138	5690	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ac-VHT160 MCS0	114	5570	16.79	18.30	16.82	18.30	19.82	21.30	100.00
802.11ax-HE20 MCS0	100	5500	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	116	5580	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	124	5620	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	132	5660	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	144	5720	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ax-HE40 MCS0	102	5510	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	110	5550	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	126	5630	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	134	5670	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	142	5710	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ax-HE80 MCS0	106	5530	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	122	5610	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required



	138	5690	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ax-HE160 MCS0	114	5570	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11be-EHT20 MCS0	100	5500	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	116	5580	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	124	5620	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	132	5660	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	144	5720	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11be-EHT40 MCS0	102	5510	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	110	5550	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	126	5630	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	134	5670	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	142	5710	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11be-EHT80 MCS0	106	5530	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	122	5610	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	138	5690	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11be-EHT160 MCS0	114	5570	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required

<5.8GHz WLAN_Ant 6+1_DSI 3>									
5.8GHz WLAN_Ant 6+1_DSI 3			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11n-HT20 MCS0	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11n-HT40 MCS0	151	5755	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	159	5795	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ac-VHT20 MCS0	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ac-VHT40 MCS0	151	5755	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	159	5795	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ac-VHT80 MCS0	155	5775	17.99	19.40	17.83	19.40	20.92	22.40	100.00
802.11ax-HE20 MCS0	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ax-HE40 MCS0	151	5755	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	159	5795	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ax-HE80 MCS0	155	5775	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11be-EHT20 MCS0	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11be-EHT40 MCS0	151	5755	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	159	5795	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required



802.11be-EHT80 MCS0	155	5775	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
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<5.2GHz WLAN_Ant 6+1_DSI 4>									
5.2GHz WLAN_Ant 6+1_DSI 3			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11n-HT20 MCS0	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11n-HT40 MCS0	38	5190	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	46	5230	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT20 MCS0	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT40 MCS0	38	5190	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	46	5230	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT80 MCS0	42	5210	13.35	15.30	13.69	15.30	16.53	18.30	100.00
802.11ax-HE20 MCS0	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ax-HE40 MCS0	38	5190	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	46	5230	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ax-HE80 MCS0	42	5210	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT40 MCS0	38	5190	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	46	5230	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT80 MCS0	42	5210	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required

<5.3GHz WLAN_Ant 6+1_DSI 4>									
5.3GHz WLAN_Ant 6+1_DSI 3			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	56	5280	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	60	5300	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required



	64	5320	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11n-HT20 MCS0	52	5260	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	56	5280	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	60	5300	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	64	5320	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11n-HT40 MCS0	54	5270	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	62	5310	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ac-VHT20 MCS0	52	5260	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	56	5280	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	60	5300	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	64	5320	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ac-VHT40 MCS0	54	5270	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	62	5310	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ac-VHT80 MCS0	58	5290	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ac-VHT160 MCS0	50	5250	13.41	14.80	13.35	14.80	16.39	17.80	100.00
802.11ax-HE20 MCS0	52	5260	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	56	5280	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	60	5300	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	64	5320	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ax-HE40 MCS0	54	5270	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	62	5310	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ax-HE80 MCS0	58	5290	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ax-HE160 MCS0	50	5250	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	56	5280	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	60	5300	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	64	5320	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11be-EHT40 MCS0	54	5270	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	62	5310	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11be-EHT80 MCS0	58	5290	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11be-EHT160 MCS0	50	5250	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required

<5.5GHz WLAN_Ant 6+1_DSI 4>									
5.5GHz WLAN_Ant 6+1_DSI 3			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	116	5580	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	124	5620	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	132	5660	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	144	5720	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11n-HT20 MCS0	100	5500	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	116	5580	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	124	5620	Not Required	18.30	Not Required	18.00	Not Required	21.20	Not Required
	132	5660	Not Required	18.00	Not Required	18.30	Not Required	21.20	Not Required
	144	5720	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required



Report No. : FA5N1310

Sporton International Inc. (Kunshan)
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802.11be-EHT160 MCS0	114	5570	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
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<5.8GHz WLAN_Ant 6+1_DSI 4>									
5.8GHz WLAN_Ant 6+1_DSI 3			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11n-HT20 MCS0	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11n-HT40 MCS0	151	5755	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	159	5795	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ac-VHT20 MCS0	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ac-VHT40 MCS0	151	5755	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	159	5795	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ac-VHT80 MCS0	155	5775	17.99	19.40	17.83	19.40	20.92	22.40	100.00
802.11ax-HE20 MCS0	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ax-HE40 MCS0	151	5755	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	159	5795	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ax-HE80 MCS0	155	5775	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11be-EHT20 MCS0	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11be-EHT40 MCS0	151	5755	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	159	5795	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11be-EHT80 MCS0	155	5775	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required

<5.2GHz WLAN_Ant 6+1_DSI 3>									
5.2GHz WLAN_Ant 6+1_DSI 3			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11n-HT20 MCS0	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11n-HT40 MCS0	38	5190	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required



	46	5230	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT20 MCS0	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT40 MCS0	38	5190	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	46	5230	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ac-VHT80 MCS0	42	5210	13.35	15.30	13.69	15.30	16.53	18.30	100.00
802.11ax-HE20 MCS0	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ax-HE40 MCS0	38	5190	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	46	5230	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11ax-HE80 MCS0	42	5210	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	40	5200	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	44	5220	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	48	5240	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT40 MCS0	38	5190	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
	46	5230	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required
802.11be-EHT80 MCS0	42	5210	Not Required	15.30	Not Required	15.30	Not Required	18.30	Not Required

<5.3GHz WLAN_Ant 6+1_DSI 3>									
5.3GHz WLAN_Ant 6+1_DSI 3			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	56	5280	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	60	5300	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	64	5320	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11n-HT20 MCS0	52	5260	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	56	5280	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	60	5300	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	64	5320	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11n-HT40 MCS0	54	5270	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	62	5310	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ac-VHT20 MCS0	52	5260	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	56	5280	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	60	5300	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	64	5320	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ac-VHT40 MCS0	54	5270	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	62	5310	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ac-VHT80 MCS0	58	5290	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ac-VHT160 MCS0	50	5250	13.41	14.80	13.35	14.80	16.39	17.80	100.00
802.11ax-HE20 MCS0	52	5260	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required



	56	5280	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	60	5300	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	64	5320	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ax-HE40 MCS0	54	5270	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	62	5310	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ax-HE80 MCS0	58	5290	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11ax-HE160 MCS0	50	5250	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	56	5280	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	60	5300	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	64	5320	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11be-EHT40 MCS0	54	5270	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
	62	5310	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11be-EHT80 MCS0	58	5290	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required
802.11be-EHT160 MCS0	50	5250	Not Required	14.80	Not Required	14.80	Not Required	17.80	Not Required

<5.5GHz WLAN_Ant 6+1_DSI 6>									
5.5GHz WLAN_Ant 6+1_DSI 3			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	116	5580	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	124	5620	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	132	5660	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
	144	5720	Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
802.11n-HT20 MCS0	100	5500	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	116	5580	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	124	5620	Not Required	18.30	Not Required	18.00	Not Required	21.20	Not Required
	132	5660	Not Required	18.00	Not Required	18.30	Not Required	21.20	Not Required
	144	5720	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11n-HT40 MCS0	102	5510	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	110	5550	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	126	5630	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	134	5670	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	142	5710	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ac-VHT20 MCS0	100	5500	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	116	5580	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	124	5620	Not Required	18.30	Not Required	18.00	Not Required	21.20	Not Required
	132	5660	Not Required	18.00	Not Required	18.30	Not Required	21.20	Not Required
	144	5720	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ac-VHT40 MCS0	102	5510	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	110	5550	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	126	5630	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	134	5670	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	142	5710	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ac-VHT80	106	5530	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required



MCS0	122	5610	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	138	5690	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ac-VHT160 MCS0	114	5570	16.79	18.30	16.82	18.30	19.82	21.30	100.00
802.11ax-HE20 MCS0	100	5500	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	116	5580	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	124	5620	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	132	5660	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	144	5720	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ax-HE40 MCS0	102	5510	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	110	5550	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	126	5630	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	134	5670	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	142	5710	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ax-HE80 MCS0	106	5530	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	122	5610	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	138	5690	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11ax-HE160 MCS0	114	5570	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11be-EHT20 MCS0	100	5500	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	116	5580	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	124	5620	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	132	5660	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	144	5720	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11be-EHT40 MCS0	102	5510	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	110	5550	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	126	5630	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	134	5670	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	142	5710	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11be-EHT80 MCS0	106	5530	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	122	5610	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
	138	5690	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required
802.11be-EHT160 MCS0	114	5570	Not Required	18.30	Not Required	18.30	Not Required	21.30	Not Required

<5.8GHz WLAN_Ant 6+1_DSI 6>									
5.8GHz WLAN_Ant 6+1_DSI 3			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11n-HT20 MCS0	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11n-HT40 MCS0	151	5755	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	159	5795	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ac-VHT20 MCS0	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required



	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ac-VHT40 MCS0	151	5755	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	159	5795	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ac-VHT80 MCS0	155	5775	17.99	19.40	17.83	19.40	20.92	22.40	100.00
802.11ax-HE20 MCS0	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ax-HE40 MCS0	151	5755	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	159	5795	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11ax-HE80 MCS0	155	5775	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11be-EHT20 MCS0	149	5745	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	157	5785	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	165	5825	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11be-EHT40 MCS0	151	5755	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
	159	5795	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required
802.11be-EHT80 MCS0	155	5775	Not Required	19.40	Not Required	19.40	Not Required	22.40	Not Required

<5.2GHz WLAN_Ant 6+1_DSI 7>									
5.2GHz WLAN_Ant 6+1_DSI 7			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	40	5200	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	44	5220	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	48	5240	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
802.11n-HT20 MCS0	36	5180	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	40	5200	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	44	5220	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	48	5240	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
802.11n-HT40 MCS0	38	5190	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	46	5230	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
802.11ac-VHT20 MCS0	36	5180	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	40	5200	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	44	5220	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	48	5240	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
802.11ac-VHT40 MCS0	38	5190	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	46	5230	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
802.11ac-VHT80 MCS0	42	5210	15.08	16.60	15.01	16.60	18.06	19.60	100.00
802.11ax-HE20 MCS0	36	5180	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	40	5200	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	44	5220	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	48	5240	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
802.11ax-HE40 MCS0	38	5190	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	46	5230	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
802.11ax-HE80 MCS0	42	5210	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
802.11be-EHT20	36	5180	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required



MCS0	40	5200	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	44	5220	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	48	5240	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
802.11be-EHT40 MCS0	38	5190	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
	46	5230	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required
802.11be-EHT80 MCS0	42	5210	Not Required	16.60	Not Required	16.60	Not Required	19.60	Not Required

<5.3GHz WLAN_Ant 6+1_DSI 7>									
5.3GHz WLAN_Ant 6+1_DSI 7			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	16.73	18.50	16.71	18.00	19.73	21.30	98.97
	56	5280	16.88	18.50	16.99	18.50	19.95	21.50	98.97
	60	5300	16.34	18.00	16.46	18.00	19.41	21.00	98.97
	64	5320	16.74	18.50	17.08	18.50	19.92	21.50	98.97
802.11n-HT20 MCS0	52	5260	16.88	18.50	17.05	18.50	19.98	21.50	100.00
	56	5280	16.98	18.50	17.27	19.00	20.14	21.80	100.00
	60	5300	16.57	18.00	16.63	18.00	19.61	21.00	100.00
	64	5320	16.97	18.50	17.17	18.50	20.08	21.50	100.00
802.11n-HT40 MCS0	54	5270	19.68	21.00	19.63	21.00	22.67	24.00	100.00
	62	5310	19.26	21.00	19.23	21.00	22.26	24.00	100.00
802.11ac-VHT20 MCS0	52	5260	16.92	18.50	17.13	18.50	20.04	21.50	100.00
	56	5280	17.06	18.50	17.32	19.00	20.20	21.80	100.00
	60	5300	16.62	18.00	16.69	18.00	19.67	21.00	100.00
	64	5320	17.03	18.50	17.25	19.00	20.15	21.80	100.00
802.11ac-VHT40 MCS0	54	5270	19.75	21.50	19.67	21.00	22.72	24.30	100.00
	62	5310	19.32	21.00	19.28	21.00	22.31	24.00	100.00
802.11ac-VHT80 MCS0	58	5290	19.51	21.00	19.44	21.00	22.49	24.00	100.00
802.11ac-VHT160 MCS0	50	5250	18.21	19.50	18.42	20.00	21.33	22.80	100.00
802.11ax-HE20 MCS0	52	5260	16.98	18.50	17.19	18.50	20.10	21.50	100.00
	56	5280	17.14	18.50	17.38	19.00	20.27	21.80	100.00
	60	5300	16.70	18.00	16.74	18.00	19.73	21.00	100.00
	64	5320	17.09	18.50	17.31	19.00	20.21	21.80	100.00
802.11ax-HE40 MCS0	54	5270	19.79	21.00	19.75	21.00	22.78	24.00	100.00
	62	5310	19.37	21.00	19.32	21.00	22.36	24.00	100.00
802.11ax-HE80 MCS0	58	5290	19.57	21.00	19.52	21.00	22.56	24.00	100.00
802.11ax-HE160 MCS0	50	5250	18.27	19.50	18.47	20.00	21.38	22.80	100.00
802.11be-EHT20 MCS0	52	5260	17.02	18.50	17.23	18.50	20.14	21.50	100.00
	56	5280	17.18	18.50	17.46	19.00	20.33	21.80	100.00
	60	5300	16.75	18.00	16.81	18.50	19.79	21.30	100.00
	64	5320	17.16	18.50	17.38	19.00	20.28	21.80	100.00
802.11be-EHT40 MCS0	54	5270	19.84	21.00	19.81	21.50	22.84	24.30	100.00
	62	5310	19.42	21.00	19.38	21.00	22.41	24.00	100.00
802.11be-EHT80 MCS0	58	5290	19.61	21.00	19.58	21.00	22.61	24.00	100.00
802.11be-EHT160 MCS0	50	5250	18.35	20.00	18.51	20.00	21.44	23.00	100.00



<5.5GHz WLAN_Ant 6+1_DSI 7>									
5.5GHz WLAN_Ant 6+1_DSI 7			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	16.66	18.00	16.61	18.00	19.65	21.00	98.97
	116	5580	16.68	18.00	16.47	18.00	19.59	21.00	98.97
	124	5620	16.70	18.00	16.46	18.00	19.59	21.00	98.97
	132	5660	16.60	18.00	16.52	18.00	19.57	21.00	98.97
	144	5720	16.74	18.00	16.70	18.00	19.73	21.00	98.97
802.11n-HT20 MCS0	100	5500	16.87	18.50	16.86	18.50	19.88	21.50	100.00
	116	5580	16.88	18.50	16.85	18.50	19.88	21.50	100.00
	124	5620	16.83	18.50	16.62	18.00	19.74	21.30	100.00
	132	5660	16.63	18.00	16.80	18.50	19.73	21.30	100.00
	144	5720	16.99	18.50	16.90	18.50	19.96	21.50	100.00
802.11n-HT40 MCS0	102	5510	19.70	21.00	19.32	21.00	22.52	24.00	100.00
	110	5550	19.70	21.00	19.21	20.50	22.47	23.80	100.00
	126	5630	19.37	21.00	19.21	20.50	22.30	23.80	100.00
	134	5670	19.42	21.00	19.31	21.00	22.38	24.00	100.00
	142	5710	19.52	21.00	19.43	21.00	22.49	24.00	100.00
802.11ac-VHT20 MCS0	100	5500	16.92	18.50	16.91	18.50	19.93	21.50	100.00
	116	5580	16.94	18.50	16.90	18.50	19.93	21.50	100.00
	124	5620	16.90	18.50	16.70	18.00	19.81	21.30	100.00
	132	5660	16.70	18.00	16.84	18.50	19.78	21.30	100.00
	144	5720	17.04	18.50	16.97	18.50	20.02	21.50	100.00
802.11ac-VHT40 MCS0	102	5510	19.74	21.50	19.39	21.00	22.58	24.30	100.00
	110	5550	19.74	21.50	19.28	21.00	22.53	24.30	100.00
	126	5630	19.45	21.00	19.26	21.00	22.37	24.00	100.00
	134	5670	19.46	21.00	19.35	21.00	22.42	24.00	100.00
	142	5710	19.57	21.00	19.48	21.00	22.54	24.00	100.00
802.11ac-VHT80 MCS0	106	5530	19.72	21.50	19.27	21.00	22.51	24.30	100.00
	122	5610	19.55	21.00	19.13	20.50	22.36	23.80	100.00
	138	5690	19.59	21.00	19.39	21.00	22.50	24.00	100.00
802.11ac-VHT160 MCS0	114	5570	18.76	20.50	18.38	20.00	21.58	23.30	100.00
802.11ax-HE20 MCS0	100	5500	16.97	18.50	16.95	18.50	19.97	21.50	100.00
	116	5580	17.00	18.50	16.98	18.50	20.00	21.50	100.00
	124	5620	16.98	18.50	16.77	18.50	19.89	21.50	100.00
	132	5660	16.77	18.50	16.89	18.50	19.84	21.50	100.00
	144	5720	17.09	18.50	17.02	18.50	20.07	21.50	100.00
802.11ax-HE40 MCS0	102	5510	19.79	21.50	19.43	21.00	22.62	24.30	100.00
	110	5550	19.80	21.50	19.32	21.00	22.58	24.30	100.00
	126	5630	19.53	21.00	19.32	21.00	22.44	24.00	100.00
	134	5670	19.52	21.00	19.39	21.00	22.47	24.00	100.00
	142	5710	19.65	21.00	19.55	21.00	22.61	24.00	100.00
802.11ax-HE80 MCS0	106	5530	19.79	21.50	19.32	21.00	22.57	24.30	100.00
	122	5610	19.61	21.00	19.21	20.50	22.42	23.80	100.00
	138	5690	19.66	21.00	19.45	21.00	22.57	24.00	100.00



802.11ax-HE160 MCS0	114	5570	18.80	20.50	18.45	20.00	21.64	23.30	100.00
802.11be-EHT20 MCS0	100	5500	17.05	18.50	17.00	18.50	20.04	21.50	100.00
	116	5580	17.05	18.50	17.02	18.50	20.05	21.50	100.00
	124	5620	17.02	18.50	16.85	18.50	19.95	21.50	100.00
	132	5660	16.84	18.50	16.94	18.50	19.90	21.50	100.00
	144	5720	17.16	18.50	17.08	18.50	20.13	21.50	100.00
802.11be-EHT40 MCS0	102	5510	19.84	21.50	19.47	21.00	22.67	24.30	100.00
	110	5550	19.87	21.50	19.37	21.00	22.64	24.30	100.00
	126	5630	19.61	21.00	19.39	21.00	22.51	24.00	100.00
	134	5670	19.58	21.00	19.44	21.00	22.52	24.00	100.00
	142	5710	19.69	21.00	19.63	21.00	22.67	24.00	100.00
802.11be-EHT80 MCS0	106	5530	19.83	21.50	19.40	21.00	22.63	24.30	100.00
	122	5610	19.68	21.00	19.29	21.00	22.50	24.00	100.00
	138	5690	19.71	21.00	19.53	21.00	22.63	24.00	100.00
802.11be-EHT160 MCS0	114	5570	18.86	20.50	18.52	20.00	21.70	23.30	100.00

<5.8GHz WLAN_Ant 6+1_DSI 7>									
5.8GHz WLAN_Ant 6+1_DSI 7			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	157	5785	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	165	5825	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
802.11n-HT20 MCS0	149	5745	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	157	5785	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	165	5825	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
802.11n-HT40 MCS0	151	5755	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	159	5795	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
802.11ac-VHT20 MCS0	149	5745	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	157	5785	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	165	5825	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
802.11ac-VHT40 MCS0	151	5755	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	159	5795	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
802.11ac-VHT80 MCS0	155	5775	17.99	19.50	17.83	19.50	20.92	22.50	100.00
802.11ax-HE20 MCS0	149	5745	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	157	5785	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	165	5825	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
802.11ax-HE40 MCS0	151	5755	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	159	5795	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
802.11ax-HE80 MCS0	155	5775	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
802.11be-EHT20 MCS0	149	5745	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	157	5785	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	165	5825	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
802.11be-EHT40 MCS0	151	5755	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
	159	5795	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required
802.11be-EHT80 MCS0	155	5775	Not Required	19.50	Not Required	19.50	Not Required	22.50	Not Required

<5.2GHz WLAN_Ant 6+1_DSI 12>									
5.2GHz WLAN_Ant 6+1_DSI 12			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	40	5200	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	44	5220	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	48	5240	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
802.11n-HT20 MCS0	36	5180	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	40	5200	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	44	5220	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	48	5240	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
802.11n-HT40 MCS0	38	5190	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	46	5230	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
802.11ac-VHT20 MCS0	36	5180	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	40	5200	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	44	5220	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	48	5240	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
802.11ac-VHT40 MCS0	38	5190	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	46	5230	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
802.11ac-VHT80 MCS0	42	5210	6.73	8.50	6.98	8.50	9.87	11.50	100.00
802.11ax-HE20 MCS0	36	5180	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	40	5200	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	44	5220	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	48	5240	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
802.11ax-HE40 MCS0	38	5190	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	46	5230	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
802.11ax-HE80 MCS0	42	5210	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
802.11be-EHT20 MCS0	36	5180	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	40	5200	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	44	5220	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	48	5240	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
802.11be-EHT40 MCS0	38	5190	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
	46	5230	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required
802.11be-EHT80 MCS0	42	5210	Not Required	8.50	Not Required	8.50	Not Required	11.50	Not Required

<5.3GHz WLAN_Ant 6+1_DSI 12>									
5.3GHz WLAN_Ant 6+1_DSI 12			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	56	5280	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	60	5300	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	64	5320	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11n-HT20 MCS0	52	5260	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required



802.11n-HT40 MCS0	56	5280	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	60	5300	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	64	5320	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11n-HT40 MCS0	54	5270	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	62	5310	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11ac-VHT20 MCS0	52	5260	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	56	5280	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	60	5300	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	64	5320	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11ac-VHT40 MCS0	54	5270	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	62	5310	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11ac-VHT80 MCS0	58	5290	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11ac-VHT160 MCS0	50	5250	6.32	8.00	6.48	8.00	9.41	11.00	100.00
802.11ax-HE20 MCS0	52	5260	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	56	5280	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	60	5300	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	64	5320	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11ax-HE40 MCS0	54	5270	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	62	5310	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11ax-HE80 MCS0	58	5290	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11ax-HE160 MCS0	50	5250	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11be-EHT20 MCS0	52	5260	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	56	5280	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	60	5300	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	64	5320	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11be-EHT40 MCS0	54	5270	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	62	5310	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11be-EHT80 MCS0	58	5290	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11be-EHT160 MCS0	50	5250	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required

<5.5GHz WLAN_Ant 6+1_DSI 12>									
5.5GHz WLAN_Ant 6+1_DSI 12			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	116	5580	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	124	5620	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	132	5660	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	144	5720	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11n-HT20 MCS0	100	5500	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	116	5580	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	124	5620	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	132	5660	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	144	5720	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
802.11n-HT40 MCS0	102	5510	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
	110	5550	Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required



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[illegible]



<5.8GHz WLAN_Ant 6+1_DSI 12>									
5.8GHz WLAN_Ant 6+1_DSI 12			Ant 6+1(6)		Ant 6+1(1)		Ant 6+1		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	157	5785	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	165	5825	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
802.11n-HT20 MCS0	149	5745	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	157	5785	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	165	5825	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
802.11n-HT40 MCS0	151	5755	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	159	5795	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
802.11ac-VHT20 MCS0	149	5745	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	157	5785	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	165	5825	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
802.11ac-VHT40 MCS0	151	5755	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	159	5795	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
802.11ac-VHT80 MCS0	155	5775	7.48	9.00	7.37	9.00	10.44	12.00	100.00
802.11ax-HE20 MCS0	149	5745	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	157	5785	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	165	5825	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
802.11ax-HE40 MCS0	151	5755	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	159	5795	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
802.11ax-HE80 MCS0	155	5775	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
802.11be-EHT20 MCS0	149	5745	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	157	5785	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	165	5825	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
802.11be-EHT40 MCS0	151	5755	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
	159	5795	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required
802.11be-EHT80 MCS0	155	5775	Not Required	9.00	Not Required	9.00	Not Required	12.00	Not Required



				Ant 6 Full&DSI2&4		Ant 1 Full&DSI2&4		Ant 6+1 Full&DSI2&4		Ant 6 DSI 3&6 (Close)		Ant 1 DSI 3&6 (Close)		Ant 6+1 DSI 3&6 (Close)		Ant 6 DSI 12 (Open)		Ant 1 DSI 12 (Open)		Ant 6+1 DSI 12 (Open)		
WiFi 6E	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	1	5955	5.76	7.50	6.03	7.50	8.91	10.50		7.50		7.50		10.50		7.50		7.50		12.00	98.97
		57	6235	5.35	7.00	5.73	7.00	8.56	10.00		7.00		7.00		10.00		7.00		7.00		12.00	
		113	6515	6.82	8.50	6.72	8.00	9.79	11.30		8.50		8.00		11.30		8.50		8.00		12.00	
		173	6815	6.94	8.50	5.99	7.50	9.51	11.00		8.50		7.50		11.00		8.50		7.50		12.00	
		233	7115	8.06	9.50	8.00	9.50	11.05	12.50		9.50		9.50		12.50		9.00		9.00		12.00	
	802.11ax-HE20 MCS0	1	5955	6.24	8.00	6.50	8.00	9.38	11.00		8.00		8.00		11.00		8.00		8.00		12.00	100.00
		57	6235	5.88	7.50	6.13	7.50	9.02	10.50		7.50		7.50		10.50		7.50		7.50		12.00	
		113	6515	7.52	9.00	7.47	9.00	10.51	12.00		9.00		9.00		12.00		9.00		9.00		12.00	
		173	6815	7.35	9.00	7.61	9.00	10.49	12.00		9.00		9.00		12.00		9.00		9.00		12.00	
		233	7115	3.77	5.50	3.95	5.50	6.87	8.50		5.50		5.50		8.50		5.50		5.50		8.50	
	802.11ax-HE40 MCS0	3	5965	9.51	11.00	9.88	11.50	12.71	14.30		11.00		11.50		14.30		9.00		9.00		12.00	100.00
		59	6245	9.01	10.50	9.96	11.50	12.52	14.00		10.50		11.50		14.00		9.00		9.00		12.00	
		107	6485	10.90	12.50	10.83	12.50	13.88	15.50		12.50		12.50		15.50		9.00		9.00		12.00	
		171	6805	10.98	12.50	10.69	12.00	13.85	15.30		12.50		12.00		15.30		9.00		9.00		12.00	
		227	7085	12.86	14.50	12.87	14.50	15.88	17.50		13.30		13.30		16.30		9.00		9.00		12.00	
	802.11ax-HE80 MCS0	7	5985	12.34	14.00	12.97	14.50	15.68	17.30		13.30		13.30		16.30		9.00		9.00		12.00	100.00
		71	6305	11.91	13.50	12.67	14.00	15.32	16.80		13.30		13.30		16.30		9.00		9.00		12.00	
		119	6545	12.79	14.50	12.84	14.50	15.83	17.50		13.30		13.30		16.30		9.00		9.00		12.00	
		167	6785	13.20	15.00	12.87	14.50	16.05	17.80		13.30		13.30		16.30		9.00		9.00		12.00	
		215	7025	14.43	15.00	14.86	16.50	17.66	18.80		13.30		13.30		16.30		9.00		9.00		12.00	
	802.11ax-HE160 MCS0	15	6025	14.91	16.50	15.73	17.00	18.35	19.80		13.30		13.30		16.30		9.00		9.00		12.00	100.00
		47	6185	14.51	16.00	15.33	17.00	17.95	19.50		13.30		13.30		16.30		9.00		9.00		12.00	
		111	6505	15.47	17.00	15.46	17.00	18.48	20.00	Not Required	13.30	Not Required	13.30	Not Required	16.30	Not Required	9.00	Not Required	9.00	Not Required	12.00	
		143	6665	15.53	17.00	15.71	17.00	18.63	20.00		13.30		13.30		16.30		9.00		9.00		12.00	
		207	6985	17.20	19.00	17.28	19.00	20.25	22.00		13.30		13.30		16.30		9.00		9.00		12.00	
	802.11be-EHT20 MCS0	1	5955	6.31	8.00	6.55	8.00	9.44	11.00		8.00		8.00		11.00		8.00		8.00		12.00	100.00
		57	6235	5.99	7.50	6.28	8.00	9.15	10.80		7.50		8.00		10.80		7.50		8.00		12.00	
		113	6515	7.58	9.00	7.53	9.00	10.57	12.00		9.00		9.00		12.00		9.00		9.00		12.00	
		173	6815	7.53	9.00	7.71	9.00	10.63	12.00		9.00		9.00		12.00		9.00		9.00		12.00	
		233	7115	9.60	11.00	9.58	11.00	12.60	14.00		11.00		11.00		14.00		9.00		9.00		12.00	
	802.11be-EHT40 MCS0	3	5965	9.57	11.00	9.94	11.50	12.77	14.30		11.00		11.50		14.30		9.00		9.00		12.00	100.00
		59	6245	11.02	12.50	10.75	12.00	13.90	15.30		12.50		12.00		15.30		9.00		9.00		12.00	
		107	6485	10.98	12.50	10.91	12.50	13.96	15.50		12.50		12.50		15.50		9.00		9.00		12.00	
		171	6805	11.02	12.50	10.75	12.00	13.90	15.30		12.50		12.00		15.30		9.00		9.00		12.00	
		227	7085	12.91	14.50	12.93	14.50	15.93	17.50		13.30		13.30		16.30		9.00		9.00		12.00	
	802.11be-EHT80 MCS0	7	5985	12.41	14.00	13.05	14.50	15.75	17.30		13.30		13.30		16.30		9.00		9.00		12.00	100.00
		71	6305	11.99	13.50	12.74	14.00	15.39	16.80		13.30		13.30		16.30		9.00		9.00		12.00	
		119	6545	12.87	14.50	12.92	14.50	15.91	17.50		13.30		13.30		16.30		9.00		9.00		12.00	
		167	6785	13.26	15.00	12.92	14.50	16.10	17.80		13.30		13.30		16.30		9.00		9.00		12.00	
		215	7025	14.49	16.00	14.93	16.50	17.73	19.30		13.30		13.30		16.30		9.00		9.00		12.00	
	802.11be-EHT160 MCS0	15	6025	14.99	16.50	15.78	17.50	18.41	20.00		13.30		13.30		16.30		9.00		9.00		12.00	100.00
		47	6185	14.59	16.00	15.37	17.00	18.01	19.50		13.30		13.30		16.30		9.00		9.00		12.00	
		111	6505	15.51	17.00	15.53	17.00	18.53	20.00		13.30		13.30		16.30		9.00		9.00		12.00	
		143	6665	15.61	17.00	15.75	17.00	18.69	20.00		13.30		13.30		16.30		9.00		9.00		12.00	
		207	6985	17.24	19.00	17.35	19.00	20.31	22.00		13.30		13.30		16.30		9.00		9.00		12.00	
	802.11be-EHT320 MCS0	31	6105	15.69	17.00	15.98	17.50	18.85	20.30	11.92	13.80	12.01	13.80	14.98	16.80	7.21	9.00	7.51	9.00	10.37	12.00	100.00
		63	6265	15.64	17.00	15.87	17.50	18.77	20.30	12.24	13.80	12.43	13.80	15.35	16.80	7.25	9.00	7.45	9.00	10.36	12.00	
		95	6425	15.59	17.00	15.34	17.00	18.48	20.00	12.13	13.80	11.94	13.80	15.05	16.80	7.27	8.50	6.93	8.50	10.05	11.50	
		127	6585	15.53	17.00	15.15	16.50	18.35	19.80	12.19	14.00	12.09	14.00	15.15	17.00	7.43	8.50	6.95	8.50	9.93	11.50	
		159	6745	15.17	16.50	14.78	16.00	17.99	19.30	11.76	13.30	11.35	13.30	14.57	16.30	5.93	7.00	5.45	7.00	8.55	10.00	
191		6905	15.35	17.00	14.91	16.50	18.15	19.80	11.95	13.80	11.98	13.80	14.98	16.80	5.93	7.00	5.51	7.00	8.74	10.00		