

Fig.9

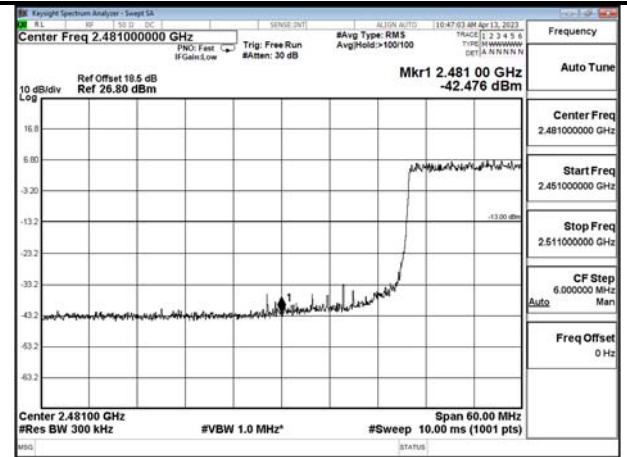


Fig.10

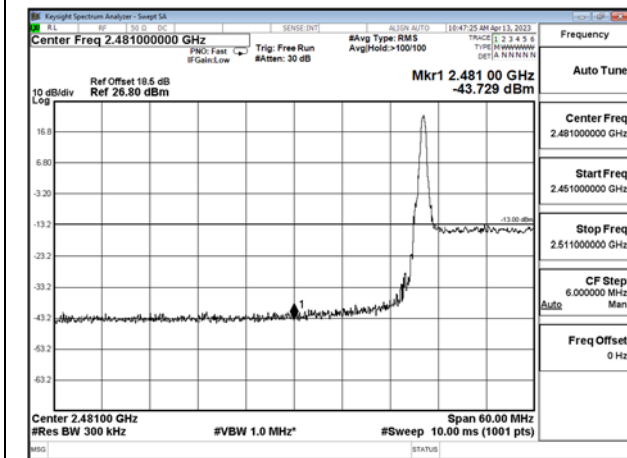


Fig.11

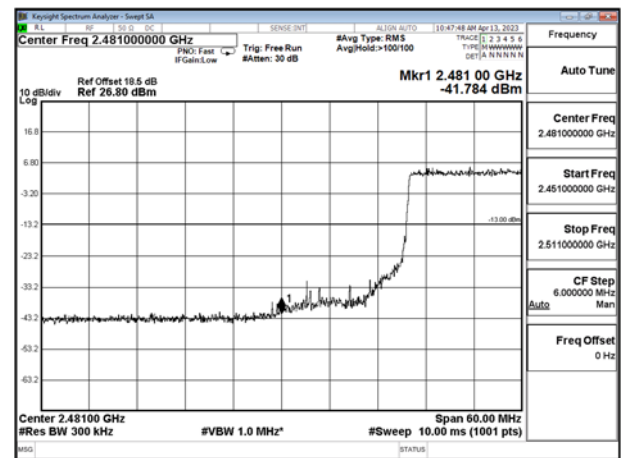


Fig.12

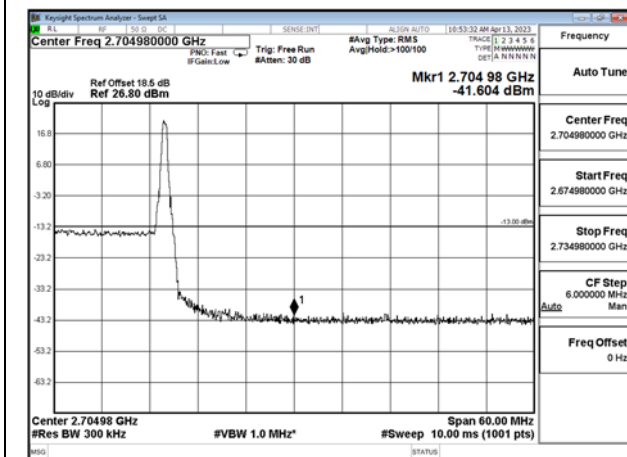


Fig.13

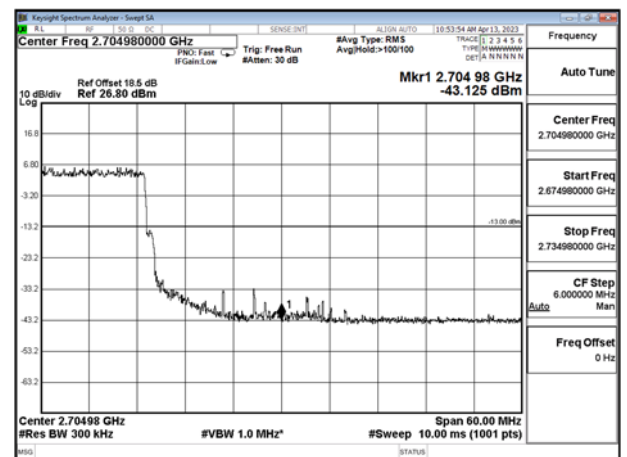


Fig.14

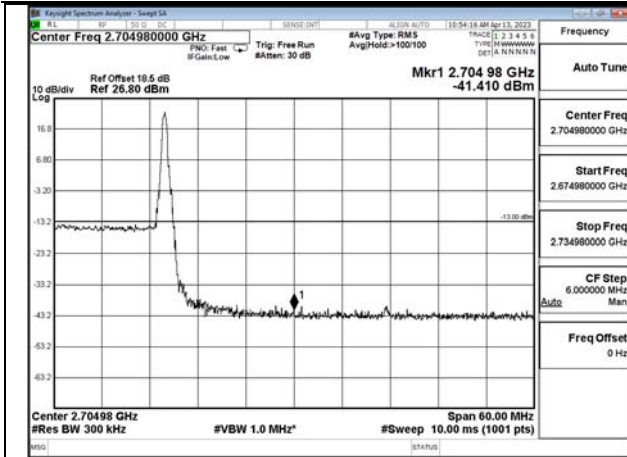


Fig.15

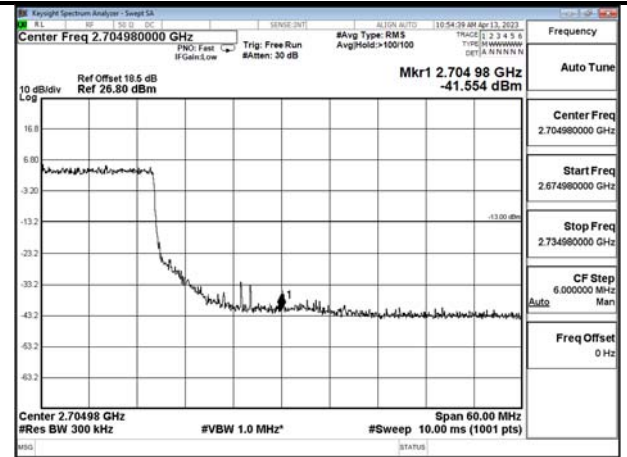


Fig.16

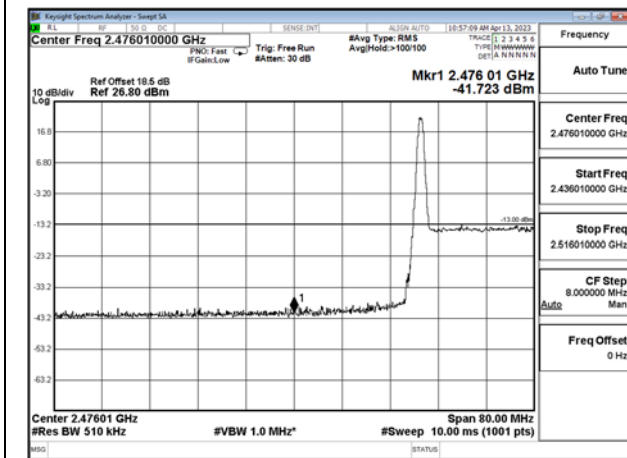


Fig.17

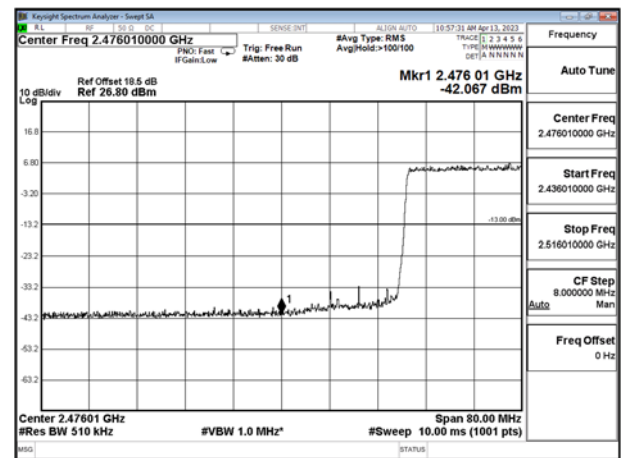


Fig.18

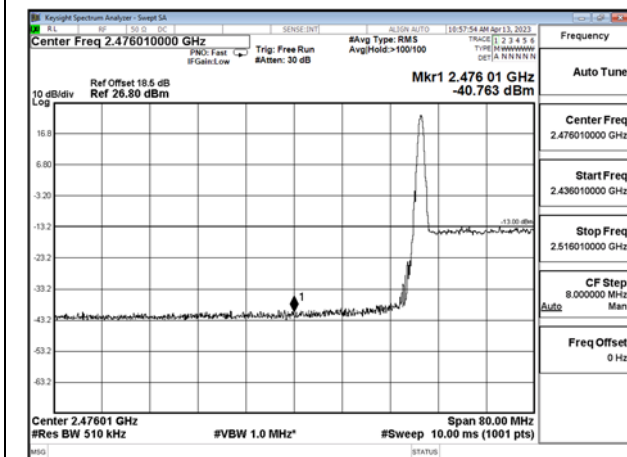


Fig.19

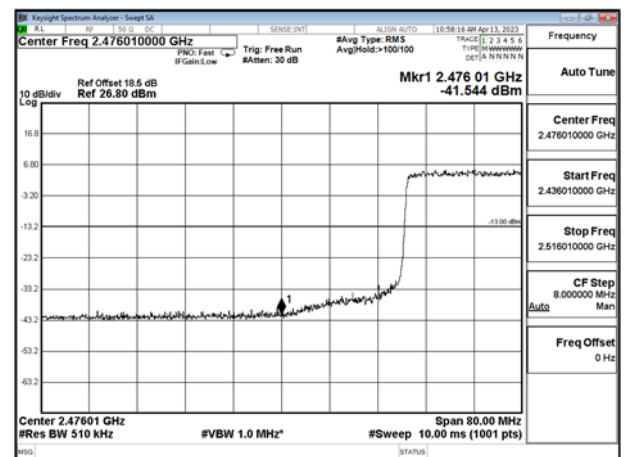


Fig.20

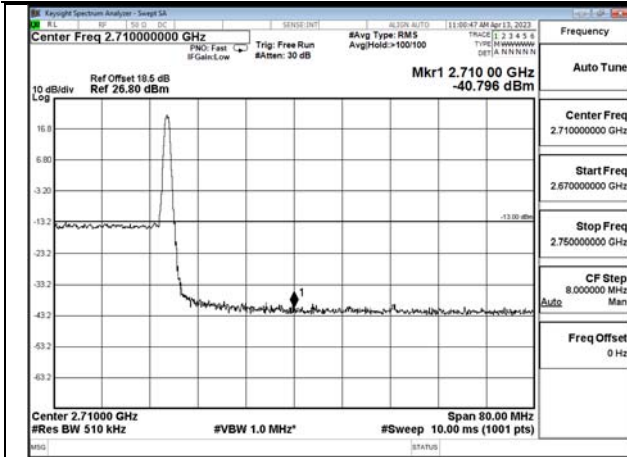


Fig.21

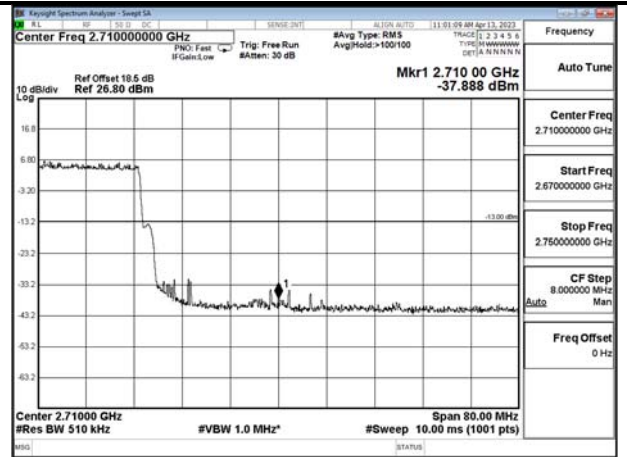


Fig.22

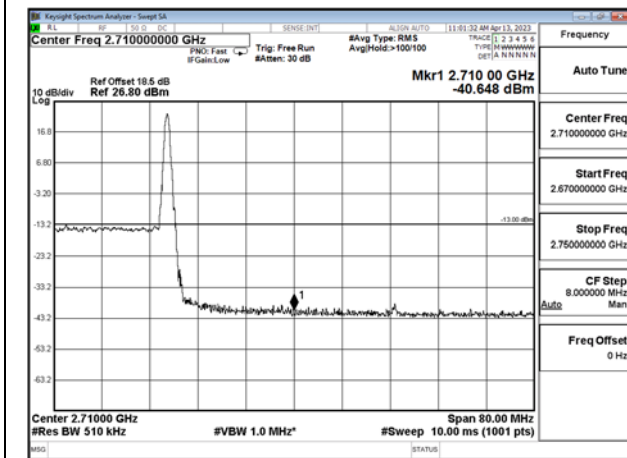


Fig.23

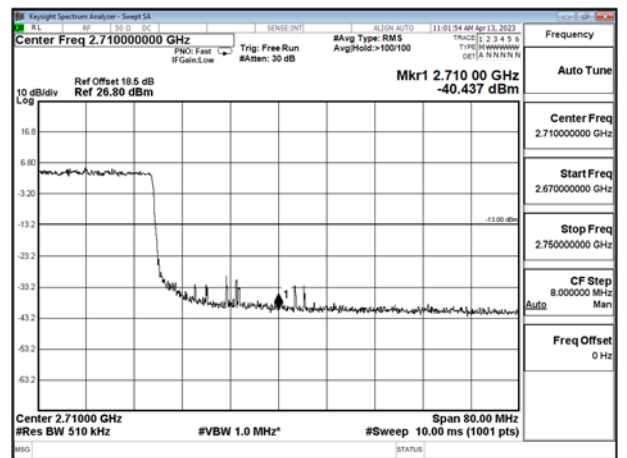


Fig.24

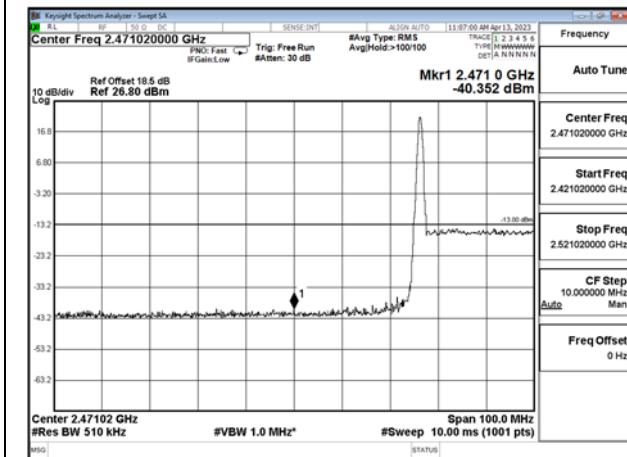


Fig.25

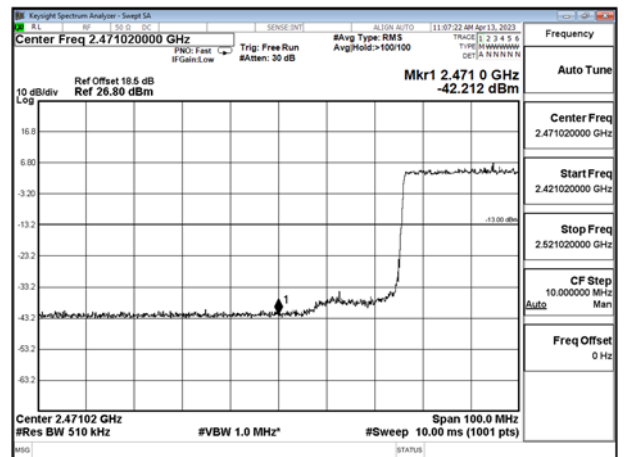


Fig.26

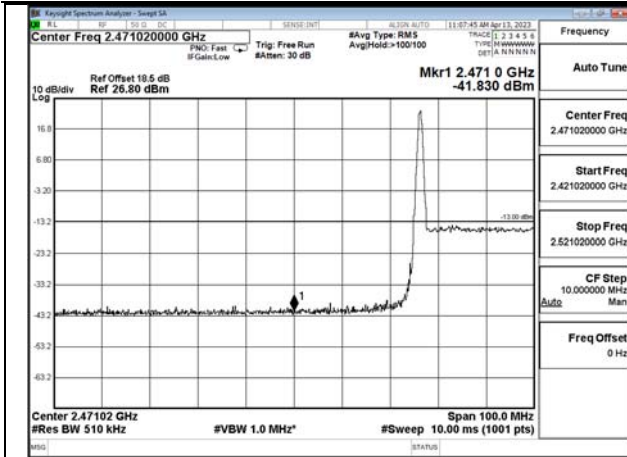


Fig.27

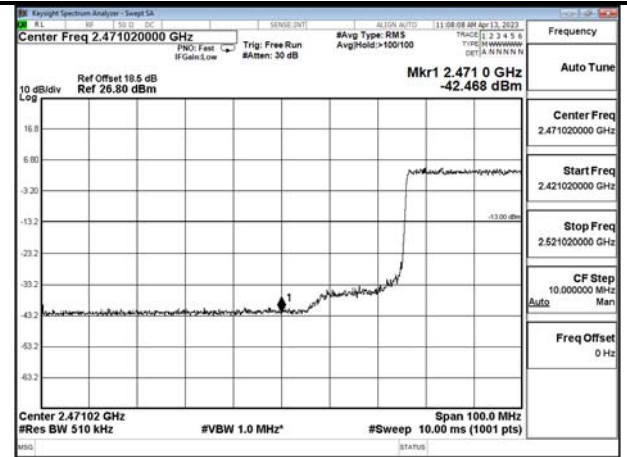


Fig.28

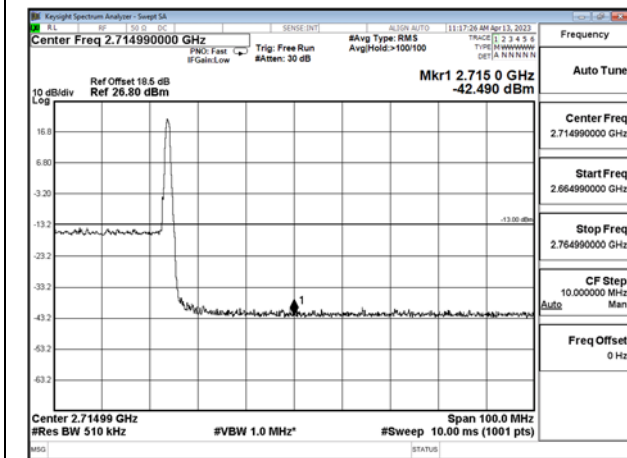


Fig.29

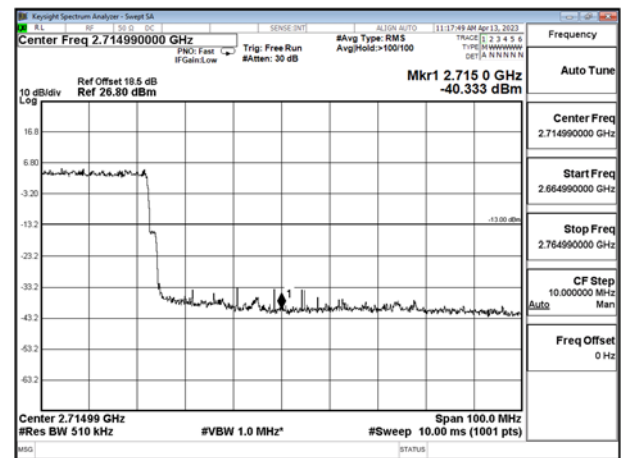


Fig.30

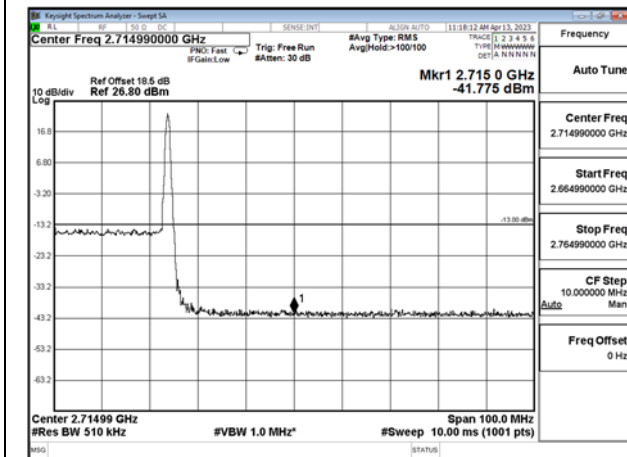


Fig.31

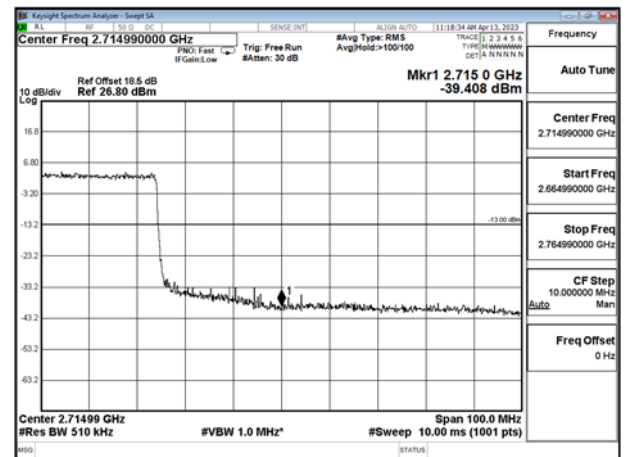


Fig.32

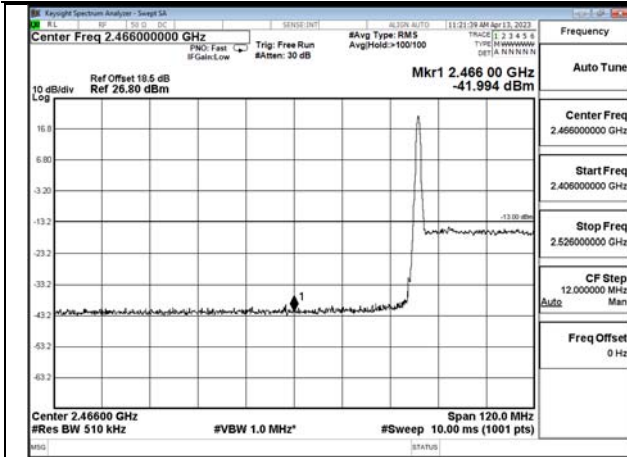


Fig.33

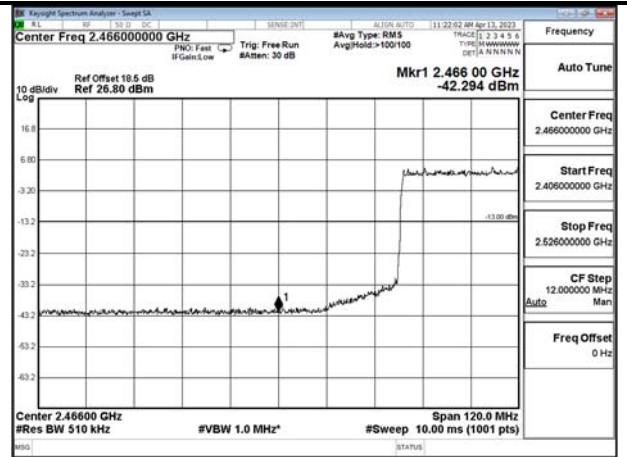


Fig.34

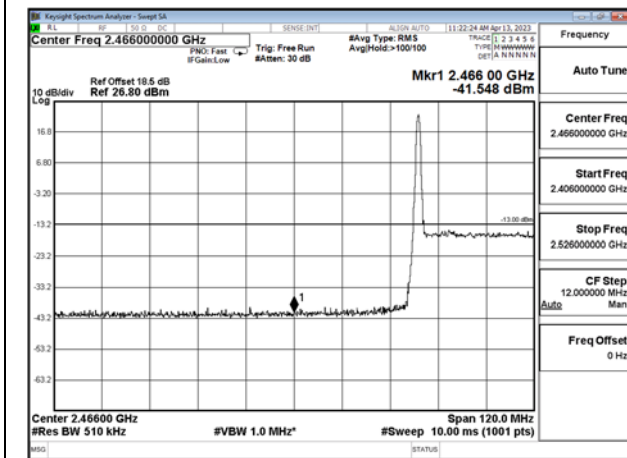


Fig.35

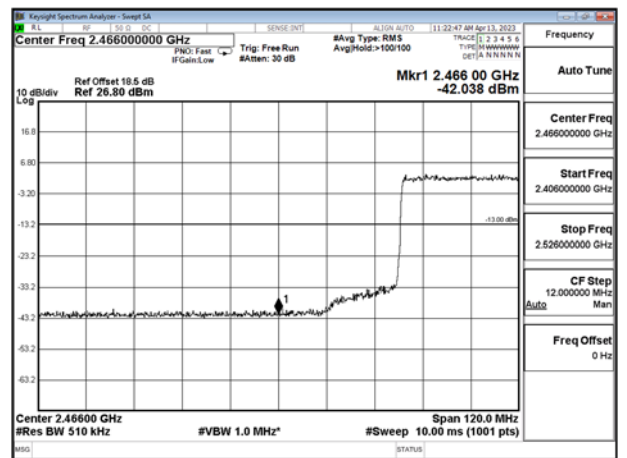


Fig.36

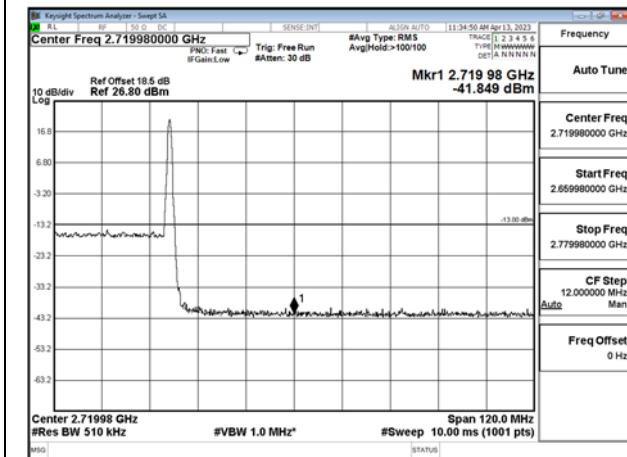


Fig.37

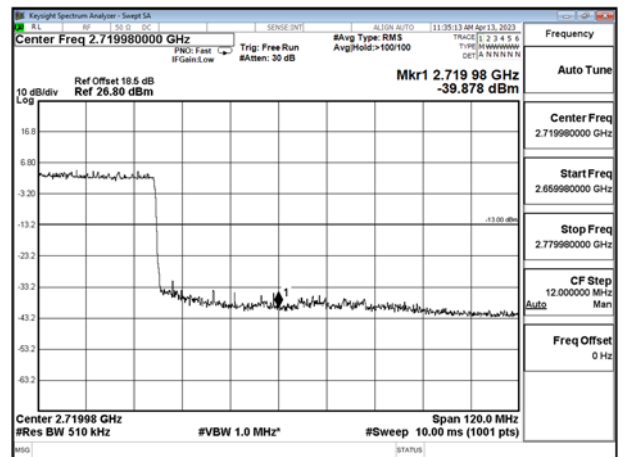


Fig.38

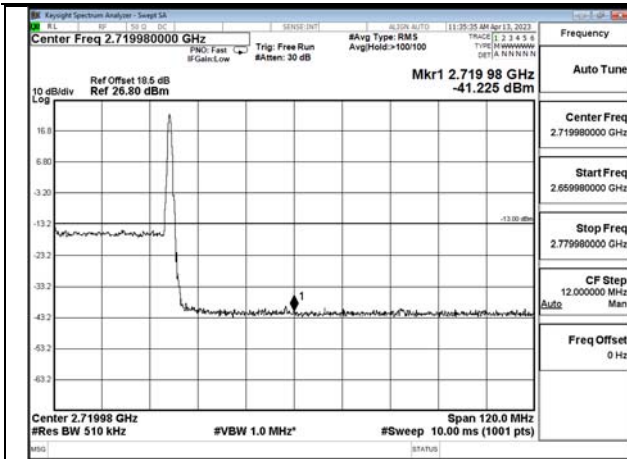


Fig.39

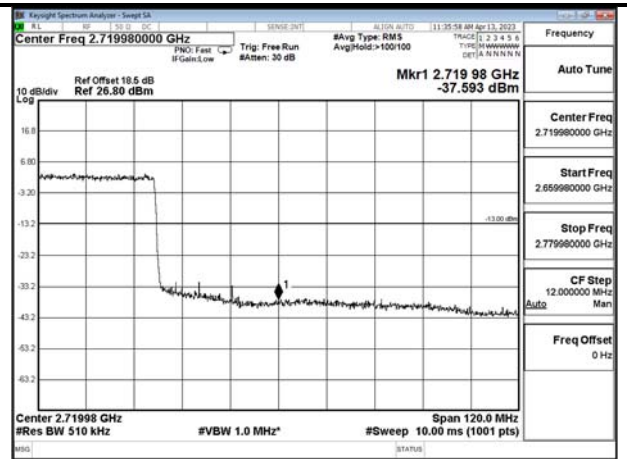


Fig.40

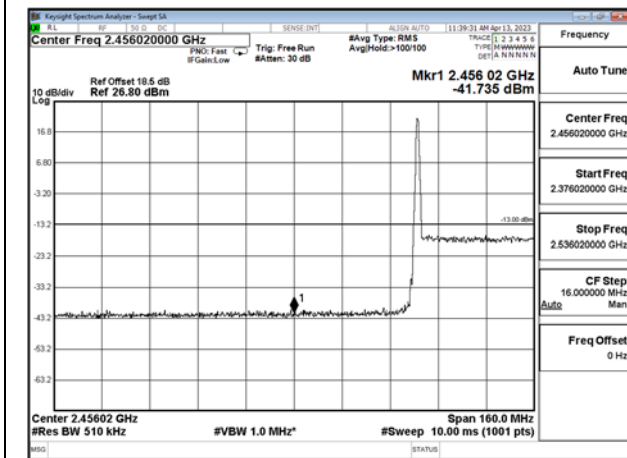


Fig.41

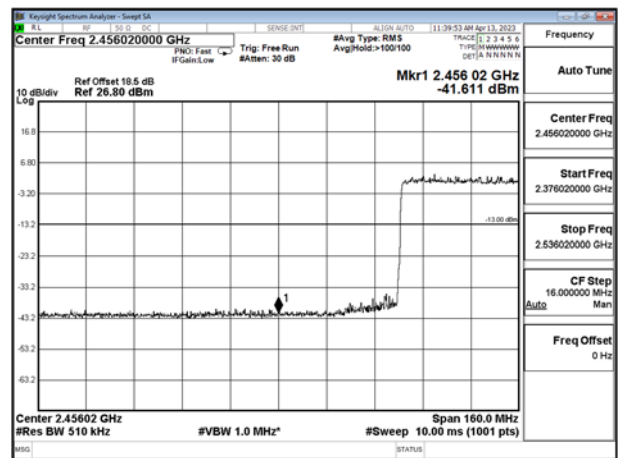


Fig.42

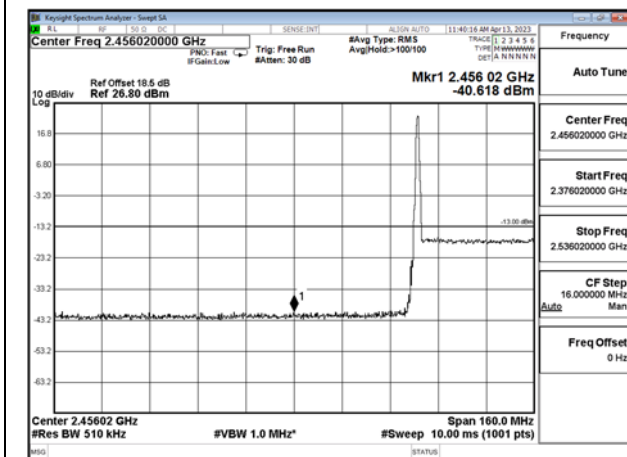


Fig.43

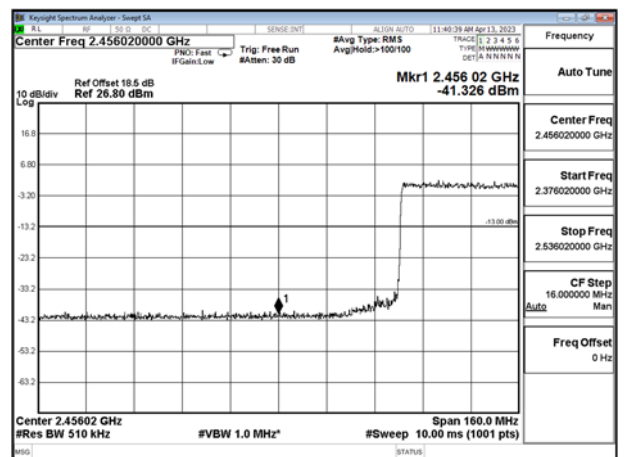


Fig.44

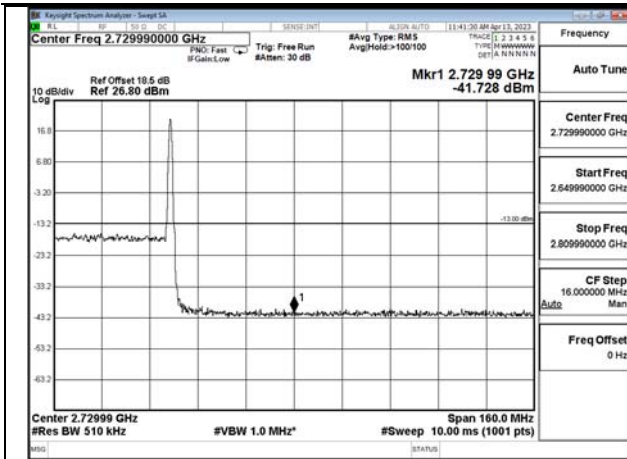


Fig.45

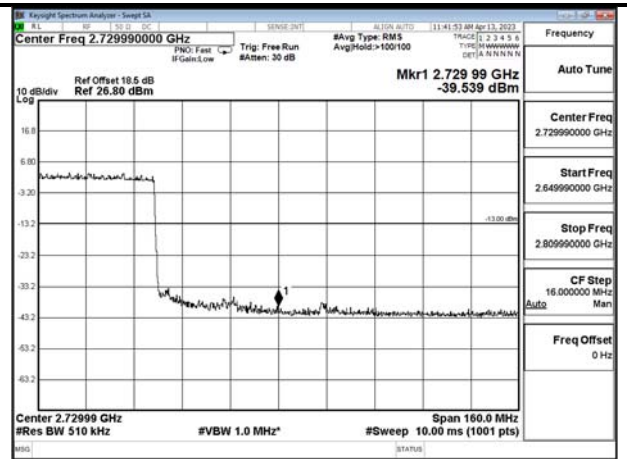


Fig.46

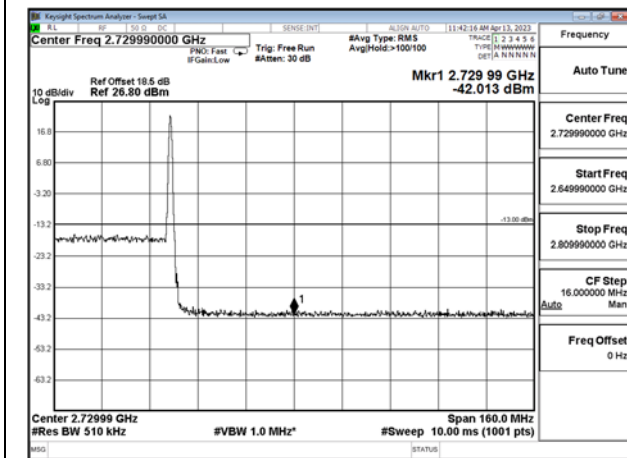


Fig.47

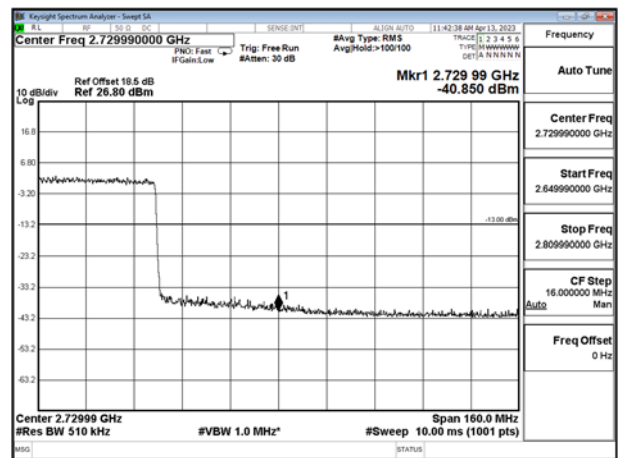


Fig.48

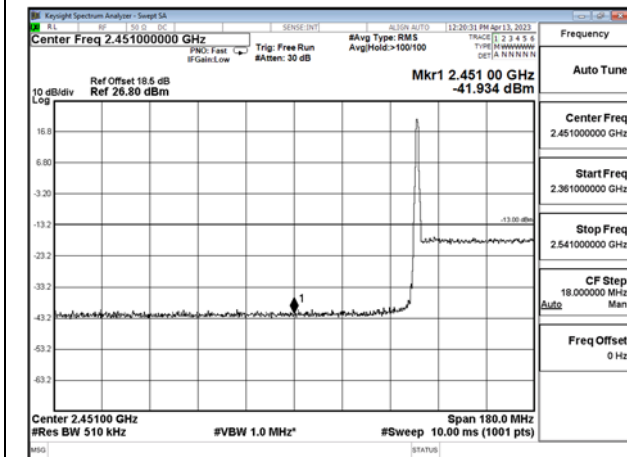


Fig.49

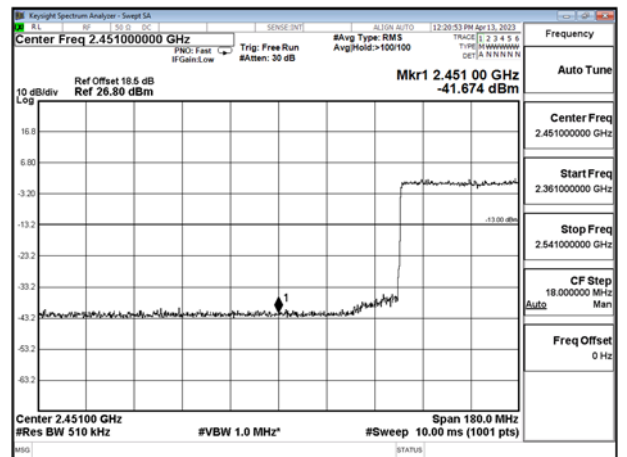


Fig.50

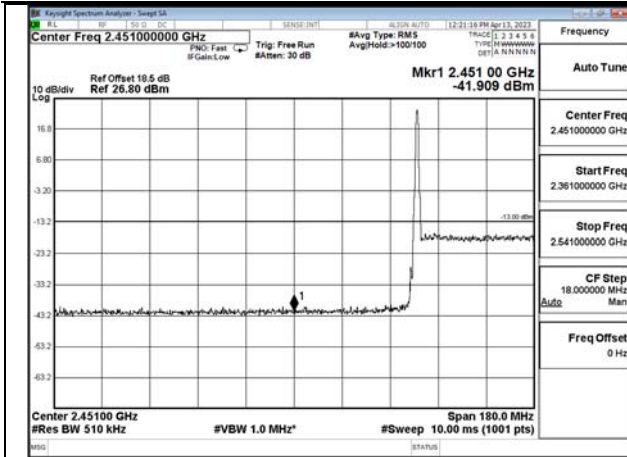


Fig.51



Fig.52

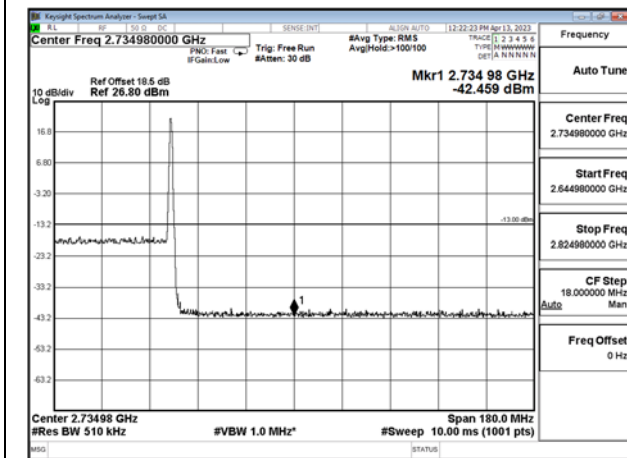


Fig.53

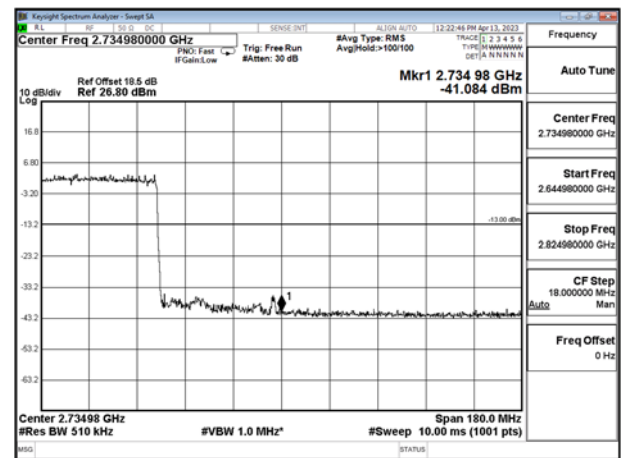


Fig.54

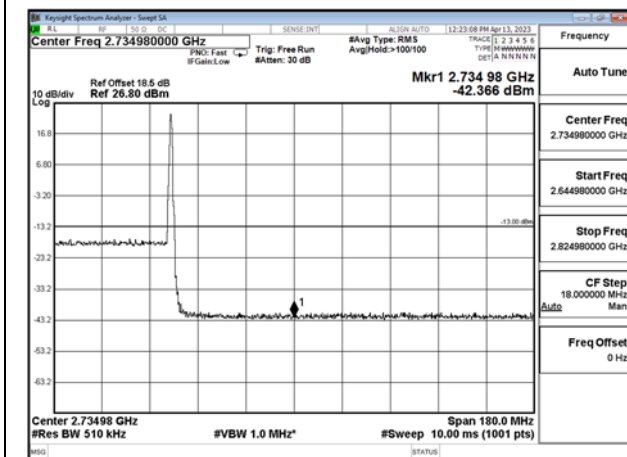


Fig.55

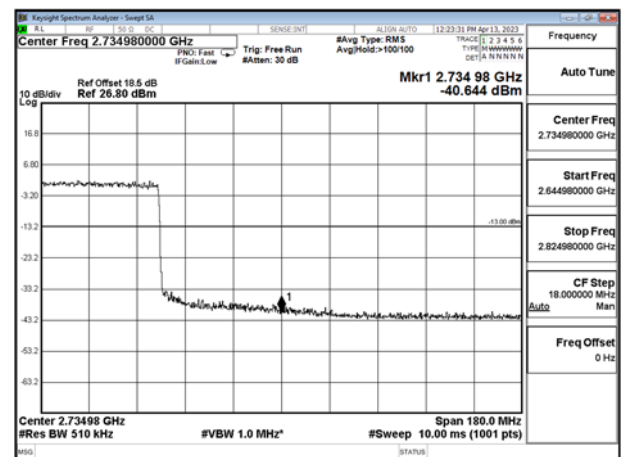


Fig.56



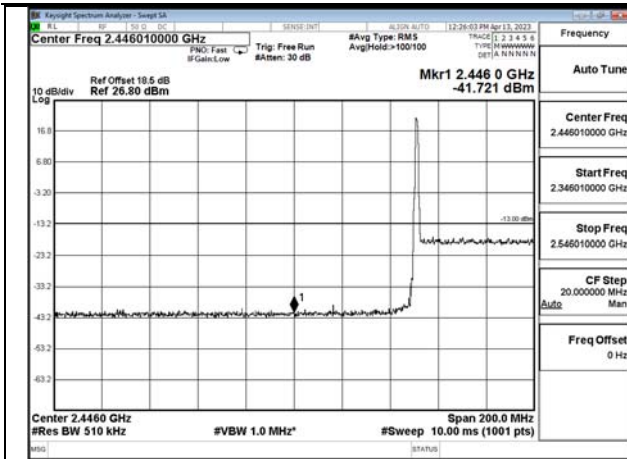


Fig.57

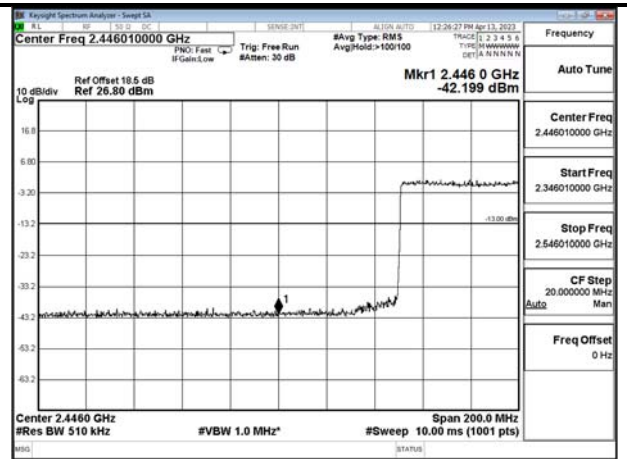


Fig.58

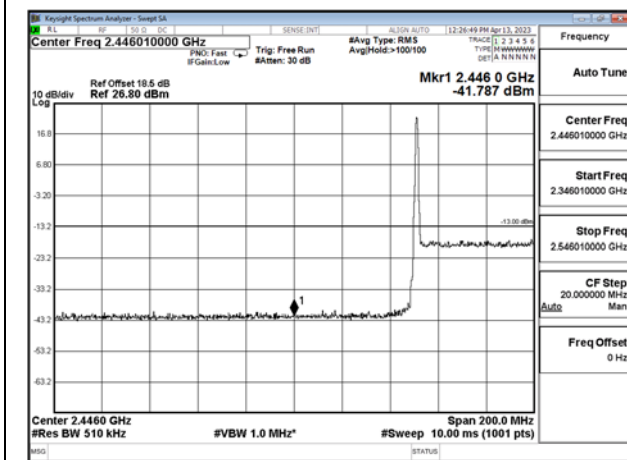


Fig.59

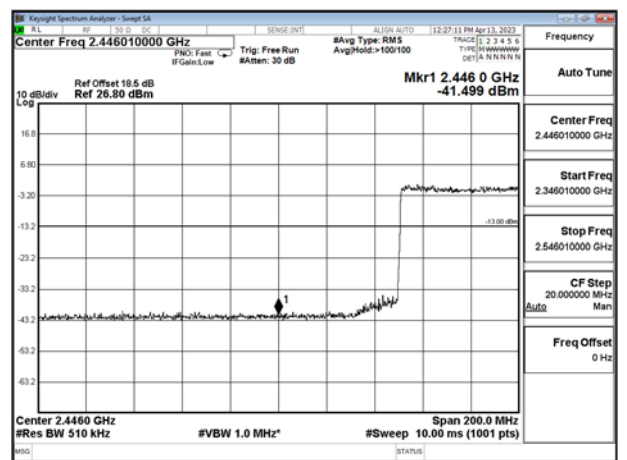


Fig.60

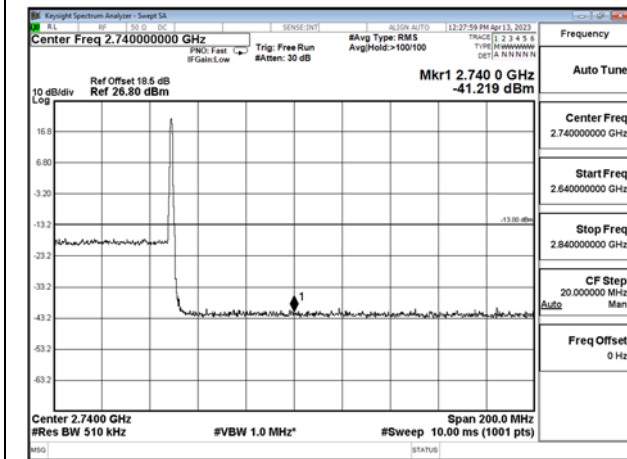


Fig.61

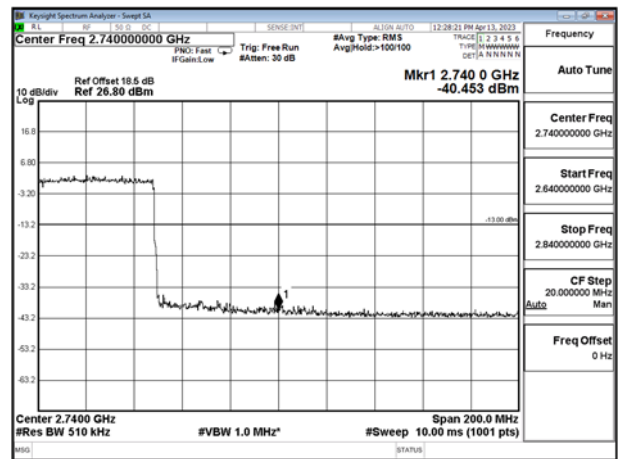


Fig.62

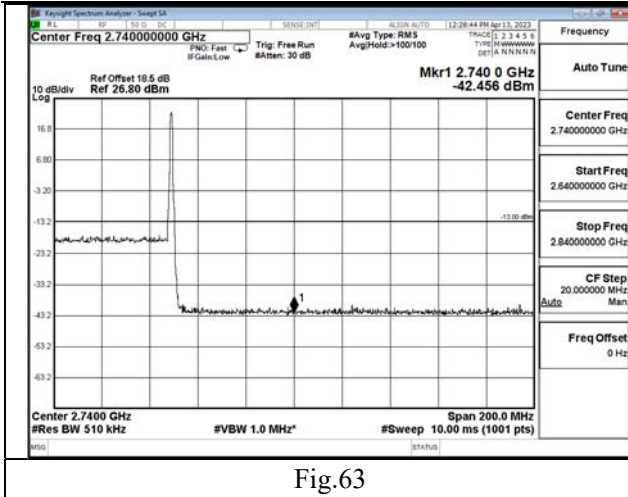


Fig.63

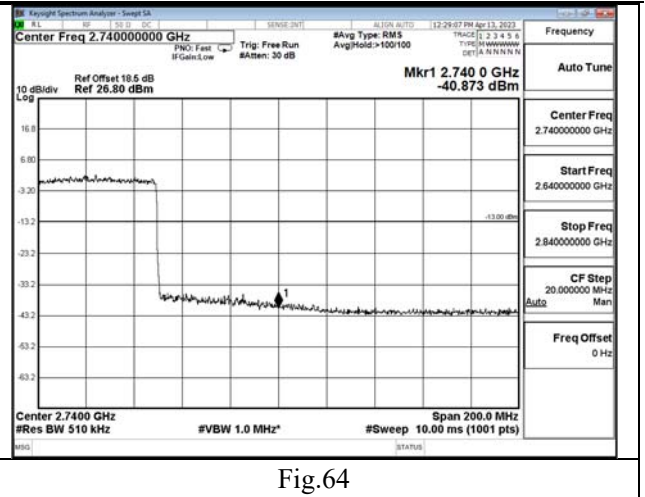


Fig.64

## 7 Frequency Stability

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Temperature (°C)	Voltage	Test Result (ppm)
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	-10	NV	-0.0067
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	0	NV	-0.0063
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	10	NV	-0.0047
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	20	NV	-0.0039
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	30	NV	-0.0027
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	40	NV	-0.0075
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	50	NV	-0.0077
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	55	NV	-0.0082
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	20	LV	-0.0047
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	20	HV	-0.0047
CP-OFDM QPSK	2546.01	509202	100	1	0	-10	NV	-0.0079
CP-OFDM QPSK	2546.01	509202	100	1	0	0	NV	-0.0047
CP-OFDM QPSK	2546.01	509202	100	1	0	10	NV	-0.0008
CP-OFDM QPSK	2546.01	509202	100	1	0	20	NV	-0.0016
CP-OFDM QPSK	2546.01	509202	100	1	0	30	NV	-0.0055
CP-OFDM QPSK	2546.01	509202	100	1	0	40	NV	-0.0055
CP-OFDM QPSK	2546.01	509202	100	1	0	50	NV	-0.0045
CP-OFDM QPSK	2546.01	509202	100	1	0	55	NV	-0.0055
CP-OFDM QPSK	2546.01	509202	100	1	0	20	LV	-0.0039
CP-OFDM QPSK	2546.01	509202	100	1	0	20	HV	-0.0020
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	-10	NV	-0.0011
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	0	NV	0.0004
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	10	NV	-0.0034
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	20	NV	-0.0019
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	30	NV	-0.0011
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	40	NV	-0.003
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	50	NV	-0.001
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	55	NV	-0.0042
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	20	LV	0.0034
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	20	HV	-0.0042
CP-OFDM QPSK	2640	528000	100	1	0	-10	NV	-0.0034

CP-OFDM QPSK	2640	528000	100	1	0	0	NV	-0.003
CP-OFDM QPSK	2640	528000	100	1	0	10	NV	-0.003
CP-OFDM QPSK	2640	528000	100	1	0	20	NV	-0.0049
CP-OFDM QPSK	2640	528000	100	1	0	30	NV	-0.0019
CP-OFDM QPSK	2640	528000	100	1	0	40	NV	-0.0034
CP-OFDM QPSK	2640	528000	100	1	0	50	NV	-0.0038
CP-OFDM QPSK	2640	528000	100	1	0	55	NV	-0.0049
CP-OFDM QPSK	2640	528000	100	1	0	20	LV	0.0011
CP-OFDM QPSK	2640	528000	100	1	0	20	HV	-0.0045

**8 Effective Radiated Power and Effective Isotropic Radiated Power**

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	0	23.01	20.81	0.121
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	1	50	23.09	20.89	0.123
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	25	12	23.49	21.29	0.135
DFT-s-OFDM PI/2 BPSK	2506.02	501204	20	50	0	23.02	20.82	0.121
DFT-s-OFDM QPSK	2506.02	501204	20	1	0	22.98	20.78	0.120
DFT-s-OFDM QPSK	2506.02	501204	20	1	50	23.11	20.91	0.123
DFT-s-OFDM QPSK	2506.02	501204	20	25	12	23.10	20.90	0.123
DFT-s-OFDM QPSK	2506.02	501204	20	50	0	23.08	20.88	0.122
DFT-s-OFDM 16QAM	2506.02	501204	20	1	0	22.89	20.69	0.117
DFT-s-OFDM 16QAM	2506.02	501204	20	1	50	23.16	20.96	0.125
DFT-s-OFDM 16QAM	2506.02	501204	20	25	12	23.38	21.18	0.131
DFT-s-OFDM 16QAM	2506.02	501204	20	50	0	23.23	21.03	0.127
DFT-s-OFDM 64QAM	2506.02	501204	20	1	0	22.95	20.75	0.119
DFT-s-OFDM 64QAM	2506.02	501204	20	1	50	23.07	20.87	0.122
DFT-s-OFDM 64QAM	2506.02	501204	20	25	12	23.07	20.87	0.122
DFT-s-OFDM 64QAM	2506.02	501204	20	50	0	23.06	20.86	0.122
DFT-s-OFDM 256QAM	2506.02	501204	20	1	0	22.52	20.32	0.108
DFT-s-OFDM 256QAM	2506.02	501204	20	1	50	22.33	20.13	0.103
DFT-s-OFDM 256QAM	2506.02	501204	20	25	12	22.53	20.33	0.108
DFT-s-OFDM 256QAM	2506.02	501204	20	50	0	22.56	20.36	0.109
CP-OFDM QPSK	2506.02	501204	20	1	0	22.97	20.77	0.119
CP-OFDM QPSK	2506.02	501204	20	1	50	23.08	20.88	0.122
CP-OFDM QPSK	2506.02	501204	20	25	12	23.09	20.89	0.123
CP-OFDM QPSK	2506.02	501204	20	51	0	23.06	20.86	0.122
CP-OFDM 16QAM	2506.02	501204	20	1	0	22.93	20.73	0.118
CP-OFDM 16QAM	2506.02	501204	20	1	50	23.03	20.83	0.121
CP-OFDM 16QAM	2506.02	501204	20	25	12	23.09	20.89	0.123
CP-OFDM 16QAM	2506.02	501204	20	51	0	23.08	20.88	0.122
CP-OFDM 64QAM	2506.02	501204	20	1	0	22.89	20.69	0.117
CP-OFDM 64QAM	2506.02	501204	20	1	50	23.00	20.80	0.120
CP-OFDM 64QAM	2506.02	501204	20	25	12	23.11	20.91	0.123
CP-OFDM 64QAM	2506.02	501204	20	51	0	23.05	20.85	0.122
CP-OFDM 256QAM	2506.02	501204	20	1	0	21.63	19.43	0.088
CP-OFDM 256QAM	2506.02	501204	20	1	50	21.61	19.41	0.087
CP-OFDM 256QAM	2506.02	501204	20	25	12	21.77	19.57	0.091
CP-OFDM 256QAM	2506.02	501204	20	51	0	21.74	19.54	0.090
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	0	21.36	19.16	0.082
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	1	50	22.76	20.56	0.114
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	25	12	22.79	20.59	0.115
DFT-s-OFDM PI/2 BPSK	2592.99	518598	20	50	0	22.88	20.68	0.117
DFT-s-OFDM QPSK	2592.99	518598	20	1	0	22.91	20.71	0.118
DFT-s-OFDM QPSK	2592.99	518598	20	1	50	22.71	20.51	0.112
DFT-s-OFDM QPSK	2592.99	518598	20	25	12	22.83	20.63	0.116

DFT-s-OFDM QPSK	2592.99	518598	20	50	0	22.84	20.64	0.116
DFT-s-OFDM 16QAM	2592.99	518598	20	1	0	22.86	20.66	0.116
DFT-s-OFDM 16QAM	2592.99	518598	20	1	50	22.90	20.70	0.117
DFT-s-OFDM 16QAM	2592.99	518598	20	25	12	22.83	20.63	0.116
DFT-s-OFDM 16QAM	2592.99	518598	20	50	0	22.87	20.67	0.117
DFT-s-OFDM 64QAM	2592.99	518598	20	1	0	22.83	20.63	0.116
DFT-s-OFDM 64QAM	2592.99	518598	20	1	50	22.71	20.51	0.112
DFT-s-OFDM 64QAM	2592.99	518598	20	25	12	22.85	20.65	0.116
DFT-s-OFDM 64QAM	2592.99	518598	20	50	0	22.86	20.66	0.116
DFT-s-OFDM 256QAM	2592.99	518598	20	1	0	22.24	20.04	0.101
DFT-s-OFDM 256QAM	2592.99	518598	20	1	50	22.24	20.04	0.101
DFT-s-OFDM 256QAM	2592.99	518598	20	25	12	22.20	20.00	0.100
DFT-s-OFDM 256QAM	2592.99	518598	20	50	0	22.27	20.07	0.102
CP-OFDM QPSK	2592.99	518598	20	1	0	22.86	20.66	0.116
CP-OFDM QPSK	2592.99	518598	20	1	50	22.71	20.51	0.112
CP-OFDM QPSK	2592.99	518598	20	25	12	22.83	20.63	0.116
CP-OFDM QPSK	2592.99	518598	20	51	0	22.82	20.62	0.115
CP-OFDM 16QAM	2592.99	518598	20	1	0	22.73	20.53	0.113
CP-OFDM 16QAM	2592.99	518598	20	1	50	22.64	20.44	0.111
CP-OFDM 16QAM	2592.99	518598	20	25	12	22.82	20.62	0.115
CP-OFDM 16QAM	2592.99	518598	20	51	0	22.84	20.64	0.116
CP-OFDM 64QAM	2592.99	518598	20	1	0	22.58	20.38	0.109
CP-OFDM 64QAM	2592.99	518598	20	1	50	22.50	20.30	0.107
CP-OFDM 64QAM	2592.99	518598	20	25	12	22.75	20.55	0.114
CP-OFDM 64QAM	2592.99	518598	20	51	0	22.82	20.62	0.115
CP-OFDM 256QAM	2592.99	518598	20	1	0	21.44	19.24	0.084
CP-OFDM 256QAM	2592.99	518598	20	1	50	21.39	19.19	0.083
CP-OFDM 256QAM	2592.99	518598	20	25	12	21.64	19.44	0.088
CP-OFDM 256QAM	2592.99	518598	20	51	0	21.47	19.27	0.085
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	0	22.95	20.75	0.119
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	1	50	23.05	20.85	0.122
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	25	12	23.01	20.81	0.121
DFT-s-OFDM PI/2 BPSK	2679.99	535998	20	50	0	23.08	20.88	0.122
DFT-s-OFDM QPSK	2679.99	535998	20	1	0	23.40	21.20	0.132
DFT-s-OFDM QPSK	2679.99	535998	20	1	50	23.51	21.31	0.135
DFT-s-OFDM QPSK	2679.99	535998	20	25	12	23.52	21.32	0.136
DFT-s-OFDM QPSK	2679.99	535998	20	50	0	23.51	21.31	0.135
DFT-s-OFDM 16QAM	2679.99	535998	20	1	0	23.54	21.34	0.136
DFT-s-OFDM 16QAM	2679.99	535998	20	1	50	23.43	21.23	0.133
DFT-s-OFDM 16QAM	2679.99	535998	20	25	12	23.53	21.33	0.136
DFT-s-OFDM 16QAM	2679.99	535998	20	50	0	23.47	21.27	0.134
DFT-s-OFDM 64QAM	2679.99	535998	20	1	0	23.49	21.29	0.135
DFT-s-OFDM 64QAM	2679.99	535998	20	1	50	23.45	21.25	0.133
DFT-s-OFDM 64QAM	2679.99	535998	20	25	12	23.49	21.29	0.135
DFT-s-OFDM 64QAM	2679.99	535998	20	50	0	23.57	21.37	0.137
DFT-s-OFDM 256QAM	2679.99	535998	20	1	0	22.99	20.79	0.120

DFT-s-OFDM 256QAM	2679.99	535998	20	1	50	22.95	20.75	0.119
DFT-s-OFDM 256QAM	2679.99	535998	20	25	12	23.06	20.86	0.122
DFT-s-OFDM 256QAM	2679.99	535998	20	50	0	23.20	21.00	0.126
CP-OFDM QPSK	2679.99	535998	20	1	0	23.62	21.42	0.139
CP-OFDM QPSK	2679.99	535998	20	1	50	23.67	21.47	0.140
CP-OFDM QPSK	2679.99	535998	20	25	12	23.48	21.28	0.134
CP-OFDM QPSK	2679.99	535998	20	51	0	23.55	21.35	0.136
CP-OFDM 16QAM	2679.99	535998	20	1	0	23.52	21.32	0.136
CP-OFDM 16QAM	2679.99	535998	20	1	50	23.38	21.18	0.131
CP-OFDM 16QAM	2679.99	535998	20	25	12	23.57	21.37	0.137
CP-OFDM 16QAM	2679.99	535998	20	51	0	23.44	21.24	0.133
CP-OFDM 64QAM	2679.99	535998	20	1	0	23.29	21.09	0.129
CP-OFDM 64QAM	2679.99	535998	20	1	50	23.53	21.33	0.136
CP-OFDM 64QAM	2679.99	535998	20	25	12	23.51	21.31	0.135
CP-OFDM 64QAM	2679.99	535998	20	51	0	23.53	21.33	0.136
CP-OFDM 256QAM	2679.99	535998	20	1	0	22.18	19.98	0.100
CP-OFDM 256QAM	2679.99	535998	20	1	50	22.21	20.01	0.100
CP-OFDM 256QAM	2679.99	535998	20	25	12	22.37	20.17	0.104
CP-OFDM 256QAM	2679.99	535998	20	51	0	22.40	20.20	0.105

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	0	23.11	20.91	0.123
DFT-s-OFDM PI/2 BPSK	2511	502200	30	1	77	23.18	20.98	0.125
DFT-s-OFDM PI/2 BPSK	2511	502200	30	36	18	23.07	20.87	0.122
DFT-s-OFDM PI/2 BPSK	2511	502200	30	75	0	23.11	20.91	0.123
DFT-s-OFDM QPSK	2511	502200	30	1	0	22.96	20.76	0.119
DFT-s-OFDM QPSK	2511	502200	30	1	77	23.24	21.04	0.127
DFT-s-OFDM QPSK	2511	502200	30	36	18	23.10	20.90	0.123
DFT-s-OFDM QPSK	2511	502200	30	75	0	23.15	20.95	0.124
DFT-s-OFDM 16QAM	2511	502200	30	1	0	22.89	20.69	0.117
DFT-s-OFDM 16QAM	2511	502200	30	1	77	22.94	20.74	0.119
DFT-s-OFDM 16QAM	2511	502200	30	36	18	23.07	20.87	0.122
DFT-s-OFDM 16QAM	2511	502200	30	75	0	23.10	20.90	0.123
DFT-s-OFDM 64QAM	2511	502200	30	1	0	22.91	20.71	0.118
DFT-s-OFDM 64QAM	2511	502200	30	1	77	23.08	20.88	0.122
DFT-s-OFDM 64QAM	2511	502200	30	36	18	23.08	20.88	0.122
DFT-s-OFDM 64QAM	2511	502200	30	75	0	23.15	20.95	0.124
DFT-s-OFDM 256QAM	2511	502200	30	1	0	22.38	20.18	0.104
DFT-s-OFDM 256QAM	2511	502200	30	1	77	22.58	20.38	0.109
DFT-s-OFDM 256QAM	2511	502200	30	36	18	22.59	20.39	0.109
DFT-s-OFDM 256QAM	2511	502200	30	75	0	22.52	20.32	0.108
CP-OFDM QPSK	2511	502200	30	1	0	23.02	20.82	0.121
CP-OFDM QPSK	2511	502200	30	1	77	23.11	20.91	0.123
CP-OFDM QPSK	2511	502200	30	39	19	23.03	20.83	0.121
CP-OFDM QPSK	2511	502200	30	78	0	23.03	20.83	0.121

CP-OFDM 16QAM	2511	502200	30	1	0	22.93	20.73	0.118
CP-OFDM 16QAM	2511	502200	30	1	77	23.08	20.88	0.122
CP-OFDM 16QAM	2511	502200	30	39	19	23.15	20.95	0.124
CP-OFDM 16QAM	2511	502200	30	78	0	23.27	21.07	0.128
CP-OFDM 64QAM	2511	502200	30	1	0	22.86	20.66	0.116
CP-OFDM 64QAM	2511	502200	30	1	77	22.88	20.68	0.117
CP-OFDM 64QAM	2511	502200	30	39	19	23.07	20.87	0.122
CP-OFDM 64QAM	2511	502200	30	78	0	23.10	20.90	0.123
CP-OFDM 256QAM	2511	502200	30	1	0	21.57	19.37	0.086
CP-OFDM 256QAM	2511	502200	30	1	77	21.74	19.54	0.090
CP-OFDM 256QAM	2511	502200	30	39	19	21.56	19.36	0.086
CP-OFDM 256QAM	2511	502200	30	78	0	21.72	19.52	0.090
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	0	22.21	20.01	0.100
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	1	77	22.35	20.15	0.104
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	36	18	22.23	20.03	0.101
DFT-s-OFDM PI/2 BPSK	2592.99	518598	30	75	0	22.31	20.11	0.103
DFT-s-OFDM QPSK	2592.99	518598	30	1	0	22.76	20.56	0.114
DFT-s-OFDM QPSK	2592.99	518598	30	1	77	22.71	20.51	0.112
DFT-s-OFDM QPSK	2592.99	518598	30	36	18	22.89	20.69	0.117
DFT-s-OFDM QPSK	2592.99	518598	30	75	0	22.81	20.61	0.115
DFT-s-OFDM 16QAM	2592.99	518598	30	1	0	22.78	20.58	0.114
DFT-s-OFDM 16QAM	2592.99	518598	30	1	77	22.68	20.48	0.112
DFT-s-OFDM 16QAM	2592.99	518598	30	36	18	22.70	20.50	0.112
DFT-s-OFDM 16QAM	2592.99	518598	30	75	0	22.86	20.66	0.116
DFT-s-OFDM 64QAM	2592.99	518598	30	1	0	22.74	20.54	0.113
DFT-s-OFDM 64QAM	2592.99	518598	30	1	77	22.63	20.43	0.110
DFT-s-OFDM 64QAM	2592.99	518598	30	36	18	22.73	20.53	0.113
DFT-s-OFDM 64QAM	2592.99	518598	30	75	0	22.76	20.56	0.114
DFT-s-OFDM 256QAM	2592.99	518598	30	1	0	22.27	20.07	0.102
DFT-s-OFDM 256QAM	2592.99	518598	30	1	77	22.24	20.04	0.101
DFT-s-OFDM 256QAM	2592.99	518598	30	36	18	22.16	19.96	0.099
DFT-s-OFDM 256QAM	2592.99	518598	30	75	0	22.33	20.13	0.103
CP-OFDM QPSK	2592.99	518598	30	1	0	22.81	20.61	0.115
CP-OFDM QPSK	2592.99	518598	30	1	77	22.87	20.67	0.117
CP-OFDM QPSK	2592.99	518598	30	39	19	22.82	20.62	0.115
CP-OFDM QPSK	2592.99	518598	30	78	0	22.85	20.65	0.116
CP-OFDM 16QAM	2592.99	518598	30	1	0	22.88	20.68	0.117
CP-OFDM 16QAM	2592.99	518598	30	1	77	22.68	20.48	0.112
CP-OFDM 16QAM	2592.99	518598	30	39	19	22.76	20.56	0.114
CP-OFDM 16QAM	2592.99	518598	30	78	0	22.82	20.62	0.115
CP-OFDM 64QAM	2592.99	518598	30	1	0	22.71	20.51	0.112
CP-OFDM 64QAM	2592.99	518598	30	1	77	22.56	20.36	0.109
CP-OFDM 64QAM	2592.99	518598	30	39	19	22.92	20.72	0.118
CP-OFDM 64QAM	2592.99	518598	30	78	0	22.90	20.70	0.117
CP-OFDM 256QAM	2592.99	518598	30	1	0	21.43	19.23	0.084
CP-OFDM 256QAM	2592.99	518598	30	1	77	21.45	19.25	0.084



CP-OFDM 256QAM	2592.99	518598	30	39	19	21.51	19.31	0.085
CP-OFDM 256QAM	2592.99	518598	30	78	0	21.51	19.31	0.085
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	0	23.02	20.82	0.121
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	1	77	22.87	20.67	0.117
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	36	18	22.95	20.75	0.119
DFT-s-OFDM PI/2 BPSK	2674.98	534996	30	75	0	23.06	20.86	0.122
DFT-s-OFDM QPSK	2674.98	534996	30	1	0	22.98	20.78	0.120
DFT-s-OFDM QPSK	2674.98	534996	30	1	77	22.93	20.73	0.118
DFT-s-OFDM QPSK	2674.98	534996	30	36	18	23.11	20.91	0.123
DFT-s-OFDM QPSK	2674.98	534996	30	75	0	23.15	20.95	0.124
DFT-s-OFDM 16QAM	2674.98	534996	30	1	0	22.97	20.77	0.119
DFT-s-OFDM 16QAM	2674.98	534996	30	1	77	22.84	20.64	0.116
DFT-s-OFDM 16QAM	2674.98	534996	30	36	18	22.94	20.74	0.119
DFT-s-OFDM 16QAM	2674.98	534996	30	75	0	22.98	20.78	0.120
DFT-s-OFDM 64QAM	2674.98	534996	30	1	0	22.88	20.68	0.117
DFT-s-OFDM 64QAM	2674.98	534996	30	1	77	22.95	20.75	0.119
DFT-s-OFDM 64QAM	2674.98	534996	30	36	18	23.00	20.80	0.120
DFT-s-OFDM 64QAM	2674.98	534996	30	75	0	23.12	20.92	0.124
DFT-s-OFDM 256QAM	2674.98	534996	30	1	0	22.73	20.53	0.113
DFT-s-OFDM 256QAM	2674.98	534996	30	1	77	22.42	20.22	0.105
DFT-s-OFDM 256QAM	2674.98	534996	30	36	18	22.57	20.37	0.109
DFT-s-OFDM 256QAM	2674.98	534996	30	75	0	22.60	20.40	0.110
CP-OFDM QPSK	2674.98	534996	30	1	0	23.09	20.89	0.123
CP-OFDM QPSK	2674.98	534996	30	1	77	22.96	20.76	0.119
CP-OFDM QPSK	2674.98	534996	30	39	19	23.03	20.83	0.121
CP-OFDM QPSK	2674.98	534996	30	78	0	23.06	20.86	0.122
CP-OFDM 16QAM	2674.98	534996	30	1	0	23.18	20.98	0.125
CP-OFDM 16QAM	2674.98	534996	30	1	77	22.93	20.73	0.118
CP-OFDM 16QAM	2674.98	534996	30	39	19	22.95	20.75	0.119
CP-OFDM 16QAM	2674.98	534996	30	78	0	22.96	20.76	0.119
CP-OFDM 64QAM	2674.98	534996	30	1	0	22.99	20.79	0.120
CP-OFDM 64QAM	2674.98	534996	30	1	77	22.84	20.64	0.116
CP-OFDM 64QAM	2674.98	534996	30	39	19	22.94	20.74	0.119
CP-OFDM 64QAM	2674.98	534996	30	78	0	23.20	21.00	0.126
CP-OFDM 256QAM	2674.98	534996	30	1	0	21.69	19.49	0.089
CP-OFDM 256QAM	2674.98	534996	30	1	77	21.65	19.45	0.088
CP-OFDM 256QAM	2674.98	534996	30	39	19	21.69	19.49	0.089
CP-OFDM 256QAM	2674.98	534996	30	78	0	21.86	19.66	0.092

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	0	23.08	20.88	0.122
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	1	105	23.08	20.88	0.122
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	50	25	23.08	20.88	0.122
DFT-s-OFDM PI/2 BPSK	2516.01	503202	40	100	0	23.13	20.93	0.124
DFT-s-OFDM QPSK	2516.01	503202	40	1	0	23.02	20.82	0.121

DFT-s-OFDM QPSK	2516.01	503202	40	1	105	23.14	20.94	0.124
DFT-s-OFDM QPSK	2516.01	503202	40	50	25	23.05	20.85	0.122
DFT-s-OFDM QPSK	2516.01	503202	40	100	0	23.14	20.94	0.124
DFT-s-OFDM 16QAM	2516.01	503202	40	1	0	22.91	20.71	0.118
DFT-s-OFDM 16QAM	2516.01	503202	40	1	105	22.94	20.74	0.119
DFT-s-OFDM 16QAM	2516.01	503202	40	50	25	23.06	20.86	0.122
DFT-s-OFDM 16QAM	2516.01	503202	40	100	0	23.08	20.88	0.122
DFT-s-OFDM 64QAM	2516.01	503202	40	1	0	22.94	20.74	0.119
DFT-s-OFDM 64QAM	2516.01	503202	40	1	105	23.03	20.83	0.121
DFT-s-OFDM 64QAM	2516.01	503202	40	50	25	23.09	20.89	0.123
DFT-s-OFDM 64QAM	2516.01	503202	40	100	0	23.08	20.88	0.122
DFT-s-OFDM 256QAM	2516.01	503202	40	1	0	22.45	20.25	0.106
DFT-s-OFDM 256QAM	2516.01	503202	40	1	105	22.52	20.32	0.108
DFT-s-OFDM 256QAM	2516.01	503202	40	50	25	22.55	20.35	0.108
DFT-s-OFDM 256QAM	2516.01	503202	40	100	0	22.64	20.44	0.111
CP-OFDM QPSK	2516.01	503202	40	1	0	23.10	20.90	0.123
CP-OFDM QPSK	2516.01	503202	40	1	105	23.03	20.83	0.121
CP-OFDM QPSK	2516.01	503202	40	53	26	23.03	20.83	0.121
CP-OFDM QPSK	2516.01	503202	40	106	0	23.03	20.83	0.121
CP-OFDM 16QAM	2516.01	503202	40	1	0	22.96	20.76	0.119
CP-OFDM 16QAM	2516.01	503202	40	1	105	23.07	20.87	0.122
CP-OFDM 16QAM	2516.01	503202	40	53	26	23.17	20.97	0.125
CP-OFDM 16QAM	2516.01	503202	40	106	0	23.07	20.87	0.122
CP-OFDM 64QAM	2516.01	503202	40	1	0	22.84	20.64	0.116
CP-OFDM 64QAM	2516.01	503202	40	1	105	22.96	20.76	0.119
CP-OFDM 64QAM	2516.01	503202	40	53	26	23.20	21.00	0.126
CP-OFDM 64QAM	2516.01	503202	40	106	0	23.08	20.88	0.122
CP-OFDM 256QAM	2516.01	503202	40	1	0	21.64	19.44	0.088
CP-OFDM 256QAM	2516.01	503202	40	1	105	21.69	19.49	0.089
CP-OFDM 256QAM	2516.01	503202	40	53	26	21.73	19.53	0.090
CP-OFDM 256QAM	2516.01	503202	40	106	0	21.75	19.55	0.090
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	0	22.35	20.15	0.104
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	1	105	22.15	19.95	0.099
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	50	25	22.24	20.04	0.101
DFT-s-OFDM PI/2 BPSK	2592.99	518598	40	100	0	22.38	20.18	0.104
DFT-s-OFDM QPSK	2592.99	518598	40	1	0	23.06	20.86	0.122
DFT-s-OFDM QPSK	2592.99	518598	40	1	105	22.76	20.56	0.114
DFT-s-OFDM QPSK	2592.99	518598	40	50	25	22.80	20.60	0.115
DFT-s-OFDM QPSK	2592.99	518598	40	100	0	22.87	20.67	0.117
DFT-s-OFDM 16QAM	2592.99	518598	40	1	0	22.88	20.68	0.117
DFT-s-OFDM 16QAM	2592.99	518598	40	1	105	22.69	20.49	0.112
DFT-s-OFDM 16QAM	2592.99	518598	40	50	25	22.81	20.61	0.115
DFT-s-OFDM 16QAM	2592.99	518598	40	100	0	22.76	20.56	0.114
DFT-s-OFDM 64QAM	2592.99	518598	40	1	0	22.86	20.66	0.116
DFT-s-OFDM 64QAM	2592.99	518598	40	1	105	22.66	20.46	0.111
DFT-s-OFDM 64QAM	2592.99	518598	40	50	25	22.81	20.61	0.115

DFT-s-OFDM 64QAM	2592.99	518598	40	100	0	22.92	20.72	0.118
DFT-s-OFDM 256QAM	2592.99	518598	40	1	0	22.34	20.14	0.103
DFT-s-OFDM 256QAM	2592.99	518598	40	1	105	22.20	20.00	0.100
DFT-s-OFDM 256QAM	2592.99	518598	40	50	25	22.30	20.10	0.102
DFT-s-OFDM 256QAM	2592.99	518598	40	100	0	22.38	20.18	0.104
CP-OFDM QPSK	2592.99	518598	40	1	0	22.90	20.70	0.117
CP-OFDM QPSK	2592.99	518598	40	1	105	22.76	20.56	0.114
CP-OFDM QPSK	2592.99	518598	40	53	26	22.88	20.68	0.117
CP-OFDM QPSK	2592.99	518598	40	106	0	22.85	20.65	0.116
CP-OFDM 16QAM	2592.99	518598	40	1	0	22.84	20.64	0.116
CP-OFDM 16QAM	2592.99	518598	40	1	105	22.60	20.40	0.110
CP-OFDM 16QAM	2592.99	518598	40	53	26	22.72	20.52	0.113
CP-OFDM 16QAM	2592.99	518598	40	106	0	22.89	20.69	0.117
CP-OFDM 64QAM	2592.99	518598	40	1	0	22.68	20.48	0.112
CP-OFDM 64QAM	2592.99	518598	40	1	105	22.55	20.35	0.108
CP-OFDM 64QAM	2592.99	518598	40	53	26	22.84	20.64	0.116
CP-OFDM 64QAM	2592.99	518598	40	106	0	22.97	20.77	0.119
CP-OFDM 256QAM	2592.99	518598	40	1	0	21.57	19.37	0.086
CP-OFDM 256QAM	2592.99	518598	40	1	105	21.35	19.15	0.082
CP-OFDM 256QAM	2592.99	518598	40	53	26	21.47	19.27	0.085
CP-OFDM 256QAM	2592.99	518598	40	106	0	21.46	19.26	0.084
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	0	23.01	20.81	0.121
DFT-s-OFDM PI/2 BPSK	2670	534000	40	1	105	22.93	20.73	0.118
DFT-s-OFDM PI/2 BPSK	2670	534000	40	50	25	23.04	20.84	0.121
DFT-s-OFDM PI/2 BPSK	2670	534000	40	100	0	23.03	20.83	0.121
DFT-s-OFDM QPSK	2670	534000	40	1	0	23.12	20.92	0.124
DFT-s-OFDM QPSK	2670	534000	40	1	105	23.01	20.81	0.121
DFT-s-OFDM QPSK	2670	534000	40	50	25	23.04	20.84	0.121
DFT-s-OFDM QPSK	2670	534000	40	100	0	23.03	20.83	0.121
DFT-s-OFDM 16QAM	2670	534000	40	1	0	23.05	20.85	0.122
DFT-s-OFDM 16QAM	2670	534000	40	1	105	22.89	20.69	0.117
DFT-s-OFDM 16QAM	2670	534000	40	50	25	22.90	20.70	0.117
DFT-s-OFDM 16QAM	2670	534000	40	100	0	23.08	20.88	0.122
DFT-s-OFDM 64QAM	2670	534000	40	1	0	22.93	20.73	0.118
DFT-s-OFDM 64QAM	2670	534000	40	1	105	22.87	20.67	0.117
DFT-s-OFDM 64QAM	2670	534000	40	50	25	23.03	20.83	0.121
DFT-s-OFDM 64QAM	2670	534000	40	100	0	22.96	20.76	0.119
DFT-s-OFDM 256QAM	2670	534000	40	1	0	22.53	20.33	0.108
DFT-s-OFDM 256QAM	2670	534000	40	1	105	22.38	20.18	0.104
DFT-s-OFDM 256QAM	2670	534000	40	50	25	22.71	20.51	0.112
DFT-s-OFDM 256QAM	2670	534000	40	100	0	22.67	20.47	0.111
CP-OFDM QPSK	2670	534000	40	1	0	23.11	20.91	0.123
CP-OFDM QPSK	2670	534000	40	1	105	22.97	20.77	0.119
CP-OFDM QPSK	2670	534000	40	53	26	22.86	20.66	0.116
CP-OFDM QPSK	2670	534000	40	106	0	23.22	21.02	0.126
CP-OFDM 16QAM	2670	534000	40	1	0	23.10	20.90	0.123

CP-OFDM 16QAM	2670	534000	40	1	105	22.87	20.67	0.117
CP-OFDM 16QAM	2670	534000	40	53	26	22.95	20.75	0.119
CP-OFDM 16QAM	2670	534000	40	106	0	22.97	20.77	0.119
CP-OFDM 64QAM	2670	534000	40	1	0	23.00	20.80	0.120
CP-OFDM 64QAM	2670	534000	40	1	105	22.84	20.64	0.116
CP-OFDM 64QAM	2670	534000	40	53	26	23.00	20.80	0.120
CP-OFDM 64QAM	2670	534000	40	106	0	23.01	20.81	0.121
CP-OFDM 256QAM	2670	534000	40	1	0	21.69	19.49	0.089
CP-OFDM 256QAM	2670	534000	40	1	105	21.58	19.38	0.087
CP-OFDM 256QAM	2670	534000	40	53	26	21.71	19.51	0.089
CP-OFDM 256QAM	2670	534000	40	106	0	21.61	19.41	0.087

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	0	23.05	20.85	0.122
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	1	132	23.03	20.83	0.121
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	64	32	23.62	21.42	0.139
DFT-s-OFDM PI/2 BPSK	2521.02	504204	50	128	0	23.22	21.02	0.126
DFT-s-OFDM QPSK	2521.02	504204	50	1	0	22.98	20.78	0.120
DFT-s-OFDM QPSK	2521.02	504204	50	1	132	23.06	20.86	0.122
DFT-s-OFDM QPSK	2521.02	504204	50	64	32	23.37	21.17	0.131
DFT-s-OFDM QPSK	2521.02	504204	50	128	0	22.67	20.47	0.111
DFT-s-OFDM 16QAM	2521.02	504204	50	1	0	23.06	20.86	0.122
DFT-s-OFDM 16QAM	2521.02	504204	50	1	132	23.12	20.92	0.124
DFT-s-OFDM 16QAM	2521.02	504204	50	64	32	23.33	21.13	0.130
DFT-s-OFDM 16QAM	2521.02	504204	50	128	0	23.44	21.24	0.133
DFT-s-OFDM 64QAM	2521.02	504204	50	1	0	22.97	20.77	0.119
DFT-s-OFDM 64QAM	2521.02	504204	50	1	132	23.00	20.80	0.120
DFT-s-OFDM 64QAM	2521.02	504204	50	64	32	23.49	21.29	0.135
DFT-s-OFDM 64QAM	2521.02	504204	50	128	0	22.87	20.67	0.117
DFT-s-OFDM 256QAM	2521.02	504204	50	1	0	22.59	20.39	0.109
DFT-s-OFDM 256QAM	2521.02	504204	50	1	132	22.40	20.20	0.105
DFT-s-OFDM 256QAM	2521.02	504204	50	64	32	22.89	20.69	0.117
DFT-s-OFDM 256QAM	2521.02	504204	50	128	0	22.70	20.50	0.112
CP-OFDM QPSK	2521.02	504204	50	1	0	23.09	20.89	0.123
CP-OFDM QPSK	2521.02	504204	50	1	132	23.18	20.98	0.125
CP-OFDM QPSK	2521.02	504204	50	67	33	23.10	20.90	0.123
CP-OFDM QPSK	2521.02	504204	50	133	0	23.31	21.11	0.129
CP-OFDM 16QAM	2521.02	504204	50	1	0	23.01	20.81	0.121
CP-OFDM 16QAM	2521.02	504204	50	1	132	23.06	20.86	0.122
CP-OFDM 16QAM	2521.02	504204	50	67	33	23.41	21.21	0.132
CP-OFDM 16QAM	2521.02	504204	50	133	0	23.19	20.99	0.126
CP-OFDM 64QAM	2521.02	504204	50	1	0	22.90	20.70	0.117
CP-OFDM 64QAM	2521.02	504204	50	1	132	22.90	20.70	0.117
CP-OFDM 64QAM	2521.02	504204	50	67	33	23.42	21.22	0.132
CP-OFDM 64QAM	2521.02	504204	50	133	0	23.33	21.13	0.130

CP-OFDM 256QAM	2521.02	504204	50	1	0	21.63	19.43	0.088
CP-OFDM 256QAM	2521.02	504204	50	1	132	21.62	19.42	0.087
CP-OFDM 256QAM	2521.02	504204	50	67	33	21.95	19.75	0.094
CP-OFDM 256QAM	2521.02	504204	50	133	0	21.87	19.67	0.093
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	0	22.26	20.06	0.101
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	1	132	22.17	19.97	0.099
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	64	32	22.43	20.23	0.105
DFT-s-OFDM PI/2 BPSK	2592.99	518598	50	128	0	22.25	20.05	0.101
DFT-s-OFDM QPSK	2592.99	518598	50	1	0	22.84	20.64	0.116
DFT-s-OFDM QPSK	2592.99	518598	50	1	132	22.76	20.56	0.114
DFT-s-OFDM QPSK	2592.99	518598	50	64	32	22.96	20.76	0.119
DFT-s-OFDM QPSK	2592.99	518598	50	128	0	22.84	20.64	0.116
DFT-s-OFDM 16QAM	2592.99	518598	50	1	0	22.73	20.53	0.113
DFT-s-OFDM 16QAM	2592.99	518598	50	1	132	22.72	20.52	0.113
DFT-s-OFDM 16QAM	2592.99	518598	50	64	32	22.76	20.56	0.114
DFT-s-OFDM 16QAM	2592.99	518598	50	128	0	22.84	20.64	0.116
DFT-s-OFDM 64QAM	2592.99	518598	50	1	0	22.65	20.45	0.111
DFT-s-OFDM 64QAM	2592.99	518598	50	1	132	22.70	20.50	0.112
DFT-s-OFDM 64QAM	2592.99	518598	50	64	32	22.79	20.59	0.115
DFT-s-OFDM 64QAM	2592.99	518598	50	128	0	22.85	20.65	0.116
DFT-s-OFDM 256QAM	2592.99	518598	50	1	0	22.29	20.09	0.102
DFT-s-OFDM 256QAM	2592.99	518598	50	1	132	22.29	20.09	0.102
DFT-s-OFDM 256QAM	2592.99	518598	50	64	32	22.36	20.16	0.104
DFT-s-OFDM 256QAM	2592.99	518598	50	128	0	22.33	20.13	0.103
CP-OFDM QPSK	2592.99	518598	50	1	0	22.88	20.68	0.117
CP-OFDM QPSK	2592.99	518598	50	1	132	22.75	20.55	0.114
CP-OFDM QPSK	2592.99	518598	50	67	33	22.89	20.69	0.117
CP-OFDM QPSK	2592.99	518598	50	133	0	22.90	20.70	0.117
CP-OFDM 16QAM	2592.99	518598	50	1	0	22.77	20.57	0.114
CP-OFDM 16QAM	2592.99	518598	50	1	132	22.72	20.52	0.113
CP-OFDM 16QAM	2592.99	518598	50	67	33	22.80	20.60	0.115
CP-OFDM 16QAM	2592.99	518598	50	133	0	22.85	20.65	0.116
CP-OFDM 64QAM	2592.99	518598	50	1	0	22.54	20.34	0.108
CP-OFDM 64QAM	2592.99	518598	50	1	132	22.63	20.43	0.110
CP-OFDM 64QAM	2592.99	518598	50	67	33	22.78	20.58	0.114
CP-OFDM 64QAM	2592.99	518598	50	133	0	22.87	20.67	0.117
CP-OFDM 256QAM	2592.99	518598	50	1	0	21.53	19.33	0.086
CP-OFDM 256QAM	2592.99	518598	50	1	132	21.46	19.26	0.084
CP-OFDM 256QAM	2592.99	518598	50	67	33	21.52	19.32	0.086
CP-OFDM 256QAM	2592.99	518598	50	133	0	21.58	19.38	0.087
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	0	22.98	20.78	0.120
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	1	132	22.92	20.72	0.118
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	64	32	23.05	20.85	0.122
DFT-s-OFDM PI/2 BPSK	2664.99	532998	50	128	0	23.08	20.88	0.122
DFT-s-OFDM QPSK	2664.99	532998	50	1	0	23.14	20.94	0.124
DFT-s-OFDM QPSK	2664.99	532998	50	1	132	22.86	20.66	0.116

DFT-s-OFDM QPSK	2664.99	532998	50	64	32	23.01	20.81	0.121
DFT-s-OFDM QPSK	2664.99	532998	50	128	0	23.14	20.94	0.124
DFT-s-OFDM 16QAM	2664.99	532998	50	1	0	23.05	20.85	0.122
DFT-s-OFDM 16QAM	2664.99	532998	50	1	132	22.76	20.56	0.114
DFT-s-OFDM 16QAM	2664.99	532998	50	64	32	22.94	20.74	0.119
DFT-s-OFDM 16QAM	2664.99	532998	50	128	0	23.15	20.95	0.124
DFT-s-OFDM 64QAM	2664.99	532998	50	1	0	22.93	20.73	0.118
DFT-s-OFDM 64QAM	2664.99	532998	50	1	132	22.79	20.59	0.115
DFT-s-OFDM 64QAM	2664.99	532998	50	64	32	22.99	20.79	0.120
DFT-s-OFDM 64QAM	2664.99	532998	50	128	0	22.93	20.73	0.118
DFT-s-OFDM 256QAM	2664.99	532998	50	1	0	22.52	20.32	0.108
DFT-s-OFDM 256QAM	2664.99	532998	50	1	132	22.38	20.18	0.104
DFT-s-OFDM 256QAM	2664.99	532998	50	64	32	22.62	20.42	0.110
DFT-s-OFDM 256QAM	2664.99	532998	50	128	0	22.54	20.34	0.108
CP-OFDM QPSK	2664.99	532998	50	1	0	23.17	20.97	0.125
CP-OFDM QPSK	2664.99	532998	50	1	132	23.06	20.86	0.122
CP-OFDM QPSK	2664.99	532998	50	67	33	23.08	20.88	0.122
CP-OFDM QPSK	2664.99	532998	50	133	0	23.11	20.91	0.123
CP-OFDM 16QAM	2664.99	532998	50	1	0	22.97	20.77	0.119
CP-OFDM 16QAM	2664.99	532998	50	1	132	22.81	20.61	0.115
CP-OFDM 16QAM	2664.99	532998	50	67	33	23.12	20.92	0.124
CP-OFDM 16QAM	2664.99	532998	50	133	0	23.04	20.84	0.121
CP-OFDM 64QAM	2664.99	532998	50	1	0	23.01	20.81	0.121
CP-OFDM 64QAM	2664.99	532998	50	1	132	22.63	20.43	0.110
CP-OFDM 64QAM	2664.99	532998	50	67	33	22.93	20.73	0.118
CP-OFDM 64QAM	2664.99	532998	50	133	0	23.04	20.84	0.121
CP-OFDM 256QAM	2664.99	532998	50	1	0	21.67	19.47	0.089
CP-OFDM 256QAM	2664.99	532998	50	1	132	21.58	19.38	0.087
CP-OFDM 256QAM	2664.99	532998	50	67	33	21.91	19.71	0.094
CP-OFDM 256QAM	2664.99	532998	50	133	0	21.79	19.59	0.091

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	0	23.30	21.10	0.129
DFT-s-OFDM PI/2 BPSK	2526	505200	60	1	161	22.94	20.74	0.119
DFT-s-OFDM PI/2 BPSK	2526	505200	60	81	40	23.31	21.11	0.129
DFT-s-OFDM PI/2 BPSK	2526	505200	60	162	0	23.32	21.12	0.129
DFT-s-OFDM QPSK	2526	505200	60	1	0	22.96	20.76	0.119
DFT-s-OFDM QPSK	2526	505200	60	1	161	22.92	20.72	0.118
DFT-s-OFDM QPSK	2526	505200	60	81	40	23.37	21.17	0.131
DFT-s-OFDM QPSK	2526	505200	60	162	0	23.24	21.04	0.127
DFT-s-OFDM 16QAM	2526	505200	60	1	0	23.07	20.87	0.122
DFT-s-OFDM 16QAM	2526	505200	60	1	161	22.87	20.67	0.117
DFT-s-OFDM 16QAM	2526	505200	60	81	40	23.41	21.21	0.132
DFT-s-OFDM 16QAM	2526	505200	60	162	0	23.37	21.17	0.131
DFT-s-OFDM 64QAM	2526	505200	60	1	0	22.93	20.73	0.118

DFT-s-OFDM 64QAM	2526	505200	60	1	161	22.85	20.65	0.116
DFT-s-OFDM 64QAM	2526	505200	60	81	40	23.43	21.23	0.133
DFT-s-OFDM 64QAM	2526	505200	60	162	0	23.24	21.04	0.127
DFT-s-OFDM 256QAM	2526	505200	60	1	0	22.48	20.28	0.107
DFT-s-OFDM 256QAM	2526	505200	60	1	161	22.46	20.26	0.106
DFT-s-OFDM 256QAM	2526	505200	60	81	40	22.77	20.57	0.114
DFT-s-OFDM 256QAM	2526	505200	60	162	0	22.80	20.60	0.115
CP-OFDM QPSK	2526	505200	60	1	0	23.00	20.80	0.120
CP-OFDM QPSK	2526	505200	60	1	161	23.07	20.87	0.122
CP-OFDM QPSK	2526	505200	60	81	40	23.26	21.06	0.128
CP-OFDM QPSK	2526	505200	60	162	0	23.32	21.12	0.129
CP-OFDM 16QAM	2526	505200	60	1	0	22.84	20.64	0.116
CP-OFDM 16QAM	2526	505200	60	1	161	22.85	20.65	0.116
CP-OFDM 16QAM	2526	505200	60	81	40	23.33	21.13	0.130
CP-OFDM 16QAM	2526	505200	60	162	0	23.24	21.04	0.127
CP-OFDM 64QAM	2526	505200	60	1	0	22.79	20.59	0.115
CP-OFDM 64QAM	2526	505200	60	1	161	22.77	20.57	0.114
CP-OFDM 64QAM	2526	505200	60	81	40	23.33	21.13	0.130
CP-OFDM 64QAM	2526	505200	60	162	0	23.21	21.01	0.126
CP-OFDM 256QAM	2526	505200	60	1	0	21.69	19.49	0.089
CP-OFDM 256QAM	2526	505200	60	1	161	21.55	19.35	0.086
CP-OFDM 256QAM	2526	505200	60	81	40	21.89	19.69	0.093
CP-OFDM 256QAM	2526	505200	60	162	0	21.79	19.59	0.091
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	0	22.57	20.37	0.109
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	1	161	22.20	20.00	0.100
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	81	40	22.43	20.23	0.105
DFT-s-OFDM PI/2 BPSK	2592.99	518598	60	162	0	22.46	20.26	0.106
DFT-s-OFDM QPSK	2592.99	518598	60	1	0	23.04	20.84	0.121
DFT-s-OFDM QPSK	2592.99	518598	60	1	161	22.90	20.70	0.117
DFT-s-OFDM QPSK	2592.99	518598	60	81	40	22.99	20.79	0.120
DFT-s-OFDM QPSK	2592.99	518598	60	162	0	23.00	20.80	0.120
DFT-s-OFDM 16QAM	2592.99	518598	60	1	0	22.95	20.75	0.119
DFT-s-OFDM 16QAM	2592.99	518598	60	1	161	22.81	20.61	0.115
DFT-s-OFDM 16QAM	2592.99	518598	60	81	40	23.04	20.84	0.121
DFT-s-OFDM 16QAM	2592.99	518598	60	162	0	23.01	20.81	0.121
DFT-s-OFDM 64QAM	2592.99	518598	60	1	0	22.83	20.63	0.116
DFT-s-OFDM 64QAM	2592.99	518598	60	1	161	22.96	20.76	0.119
DFT-s-OFDM 64QAM	2592.99	518598	60	81	40	22.97	20.77	0.119
DFT-s-OFDM 64QAM	2592.99	518598	60	162	0	22.91	20.71	0.118
DFT-s-OFDM 256QAM	2592.99	518598	60	1	0	22.38	20.18	0.104
DFT-s-OFDM 256QAM	2592.99	518598	60	1	161	22.23	20.03	0.101
DFT-s-OFDM 256QAM	2592.99	518598	60	81	40	22.45	20.25	0.106
DFT-s-OFDM 256QAM	2592.99	518598	60	162	0	22.42	20.22	0.105
CP-OFDM QPSK	2592.99	518598	60	1	0	23.12	20.92	0.124
CP-OFDM QPSK	2592.99	518598	60	1	161	22.95	20.75	0.119
CP-OFDM QPSK	2592.99	518598	60	81	40	22.99	20.79	0.120

CP-OFDM QPSK	2592.99	518598	60	162	0	22.97	20.77	0.119
CP-OFDM 16QAM	2592.99	518598	60	1	0	22.92	20.72	0.118
CP-OFDM 16QAM	2592.99	518598	60	1	161	22.82	20.62	0.115
CP-OFDM 16QAM	2592.99	518598	60	81	40	23.05	20.85	0.122
CP-OFDM 16QAM	2592.99	518598	60	162	0	23.14	20.94	0.124
CP-OFDM 64QAM	2592.99	518598	60	1	0	22.69	20.49	0.112
CP-OFDM 64QAM	2592.99	518598	60	1	161	22.65	20.45	0.111
CP-OFDM 64QAM	2592.99	518598	60	81	40	23.07	20.87	0.122
CP-OFDM 64QAM	2592.99	518598	60	162	0	23.03	20.83	0.121
CP-OFDM 256QAM	2592.99	518598	60	1	0	21.64	19.44	0.088
CP-OFDM 256QAM	2592.99	518598	60	1	161	21.72	19.52	0.090
CP-OFDM 256QAM	2592.99	518598	60	81	40	21.64	19.44	0.088
CP-OFDM 256QAM	2592.99	518598	60	162	0	21.65	19.45	0.088
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	0	22.99	20.79	0.120
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	1	161	22.80	20.60	0.115
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	81	40	22.97	20.77	0.119
DFT-s-OFDM PI/2 BPSK	2659.98	531996	60	162	0	22.98	20.78	0.120
DFT-s-OFDM QPSK	2659.98	531996	60	1	0	22.96	20.76	0.119
DFT-s-OFDM QPSK	2659.98	531996	60	1	161	22.75	20.55	0.114
DFT-s-OFDM QPSK	2659.98	531996	60	81	40	22.97	20.77	0.119
DFT-s-OFDM QPSK	2659.98	531996	60	162	0	23.10	20.90	0.123
DFT-s-OFDM 16QAM	2659.98	531996	60	1	0	22.91	20.71	0.118
DFT-s-OFDM 16QAM	2659.98	531996	60	1	161	22.85	20.65	0.116
DFT-s-OFDM 16QAM	2659.98	531996	60	81	40	23.15	20.95	0.124
DFT-s-OFDM 16QAM	2659.98	531996	60	162	0	22.94	20.74	0.119
DFT-s-OFDM 64QAM	2659.98	531996	60	1	0	22.95	20.75	0.119
DFT-s-OFDM 64QAM	2659.98	531996	60	1	161	22.74	20.54	0.113
DFT-s-OFDM 64QAM	2659.98	531996	60	81	40	23.08	20.88	0.122
DFT-s-OFDM 64QAM	2659.98	531996	60	162	0	22.97	20.77	0.119
DFT-s-OFDM 256QAM	2659.98	531996	60	1	0	22.60	20.40	0.110
DFT-s-OFDM 256QAM	2659.98	531996	60	1	161	22.36	20.16	0.104
DFT-s-OFDM 256QAM	2659.98	531996	60	81	40	22.64	20.44	0.111
DFT-s-OFDM 256QAM	2659.98	531996	60	162	0	22.52	20.32	0.108
CP-OFDM QPSK	2659.98	531996	60	1	0	23.10	20.90	0.123
CP-OFDM QPSK	2659.98	531996	60	1	161	22.80	20.60	0.115
CP-OFDM QPSK	2659.98	531996	60	81	40	23.14	20.94	0.124
CP-OFDM QPSK	2659.98	531996	60	162	0	23.13	20.93	0.124
CP-OFDM 16QAM	2659.98	531996	60	1	0	22.91	20.71	0.118
CP-OFDM 16QAM	2659.98	531996	60	1	161	22.76	20.56	0.114
CP-OFDM 16QAM	2659.98	531996	60	81	40	22.99	20.79	0.120
CP-OFDM 16QAM	2659.98	531996	60	162	0	22.94	20.74	0.119
CP-OFDM 64QAM	2659.98	531996	60	1	0	22.74	20.54	0.113
CP-OFDM 64QAM	2659.98	531996	60	1	161	22.60	20.40	0.110
CP-OFDM 64QAM	2659.98	531996	60	81	40	22.98	20.78	0.120
CP-OFDM 64QAM	2659.98	531996	60	162	0	22.96	20.76	0.119
CP-OFDM 256QAM	2659.98	531996	60	1	0	21.70	19.50	0.089



CP-OFDM 256QAM	2659.98	531996	60	1	161	21.59	19.39	0.087
CP-OFDM 256QAM	2659.98	531996	60	81	40	21.76	19.56	0.090
CP-OFDM 256QAM	2659.98	531996	60	162	0	21.74	19.54	0.090

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	0	23.02	20.82	0.121
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	1	216	22.90	20.70	0.117
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	108	54	23.21	21.01	0.126
DFT-s-OFDM PI/2 BPSK	2536.02	507204	80	216	0	22.95	20.75	0.119
DFT-s-OFDM QPSK	2536.02	507204	80	1	0	22.91	20.71	0.118
DFT-s-OFDM QPSK	2536.02	507204	80	1	216	23.07	20.87	0.122
DFT-s-OFDM QPSK	2536.02	507204	80	108	54	22.92	20.72	0.118
DFT-s-OFDM QPSK	2536.02	507204	80	216	0	22.95	20.75	0.119
DFT-s-OFDM 16QAM	2536.02	507204	80	1	0	22.96	20.76	0.119
DFT-s-OFDM 16QAM	2536.02	507204	80	1	216	22.80	20.60	0.115
DFT-s-OFDM 16QAM	2536.02	507204	80	108	54	23.02	20.82	0.121
DFT-s-OFDM 16QAM	2536.02	507204	80	216	0	22.90	20.70	0.117
DFT-s-OFDM 64QAM	2536.02	507204	80	1	0	23.10	20.90	0.123
DFT-s-OFDM 64QAM	2536.02	507204	80	1	216	22.81	20.61	0.115
DFT-s-OFDM 64QAM	2536.02	507204	80	108	54	23.05	20.85	0.122
DFT-s-OFDM 64QAM	2536.02	507204	80	216	0	23.03	20.83	0.121
DFT-s-OFDM 256QAM	2536.02	507204	80	1	0	22.34	20.14	0.103
DFT-s-OFDM 256QAM	2536.02	507204	80	1	216	22.27	20.07	0.102
DFT-s-OFDM 256QAM	2536.02	507204	80	108	54	22.46	20.26	0.106
DFT-s-OFDM 256QAM	2536.02	507204	80	216	0	22.54	20.34	0.108
CP-OFDM QPSK	2536.02	507204	80	1	0	22.88	20.68	0.117
CP-OFDM QPSK	2536.02	507204	80	1	216	23.04	20.84	0.121
CP-OFDM QPSK	2536.02	507204	80	109	54	23.08	20.88	0.122
CP-OFDM QPSK	2536.02	507204	80	217	0	23.09	20.89	0.123
CP-OFDM 16QAM	2536.02	507204	80	1	0	22.90	20.70	0.117
CP-OFDM 16QAM	2536.02	507204	80	1	216	23.14	20.94	0.124
CP-OFDM 16QAM	2536.02	507204	80	109	54	23.14	20.94	0.124
CP-OFDM 16QAM	2536.02	507204	80	217	0	23.12	20.92	0.124
CP-OFDM 64QAM	2536.02	507204	80	1	0	22.88	20.68	0.117
CP-OFDM 64QAM	2536.02	507204	80	1	216	22.75	20.55	0.114
CP-OFDM 64QAM	2536.02	507204	80	109	54	22.93	20.73	0.118
CP-OFDM 64QAM	2536.02	507204	80	217	0	23.03	20.83	0.121
CP-OFDM 256QAM	2536.02	507204	80	1	0	21.75	19.55	0.090
CP-OFDM 256QAM	2536.02	507204	80	1	216	21.78	19.58	0.091
CP-OFDM 256QAM	2536.02	507204	80	109	54	21.72	19.52	0.090
CP-OFDM 256QAM	2536.02	507204	80	217	0	21.64	19.44	0.088
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	0	22.62	20.42	0.110
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	1	216	22.38	20.18	0.104
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	108	54	22.55	20.35	0.108
DFT-s-OFDM PI/2 BPSK	2592.99	518598	80	216	0	22.31	20.11	0.103

DFT-s-OFDM QPSK	2592.99	518598	80	1	0	22.83	20.63	0.116
DFT-s-OFDM QPSK	2592.99	518598	80	1	216	23.05	20.85	0.122
DFT-s-OFDM QPSK	2592.99	518598	80	108	54	22.95	20.75	0.119
DFT-s-OFDM QPSK	2592.99	518598	80	216	0	22.94	20.74	0.119
DFT-s-OFDM 16QAM	2592.99	518598	80	1	0	22.84	20.64	0.116
DFT-s-OFDM 16QAM	2592.99	518598	80	1	216	22.78	20.58	0.114
DFT-s-OFDM 16QAM	2592.99	518598	80	108	54	23.10	20.90	0.123
DFT-s-OFDM 16QAM	2592.99	518598	80	216	0	22.91	20.71	0.118
DFT-s-OFDM 64QAM	2592.99	518598	80	1	0	22.82	20.62	0.115
DFT-s-OFDM 64QAM	2592.99	518598	80	1	216	22.72	20.52	0.113
DFT-s-OFDM 64QAM	2592.99	518598	80	108	54	23.00	20.80	0.120
DFT-s-OFDM 64QAM	2592.99	518598	80	216	0	23.10	20.90	0.123
DFT-s-OFDM 256QAM	2592.99	518598	80	1	0	22.46	20.26	0.106
DFT-s-OFDM 256QAM	2592.99	518598	80	1	216	22.17	19.97	0.099
DFT-s-OFDM 256QAM	2592.99	518598	80	108	54	22.42	20.22	0.105
DFT-s-OFDM 256QAM	2592.99	518598	80	216	0	22.51	20.31	0.107
CP-OFDM QPSK	2592.99	518598	80	1	0	22.78	20.58	0.114
CP-OFDM QPSK	2592.99	518598	80	1	216	22.75	20.55	0.114
CP-OFDM QPSK	2592.99	518598	80	109	54	22.92	20.72	0.118
CP-OFDM QPSK	2592.99	518598	80	217	0	22.99	20.79	0.120
CP-OFDM 16QAM	2592.99	518598	80	1	0	22.93	20.73	0.118
CP-OFDM 16QAM	2592.99	518598	80	1	216	22.96	20.76	0.119
CP-OFDM 16QAM	2592.99	518598	80	109	54	22.89	20.69	0.117
CP-OFDM 16QAM	2592.99	518598	80	217	0	22.89	20.69	0.117
CP-OFDM 64QAM	2592.99	518598	80	1	0	22.76	20.56	0.114
CP-OFDM 64QAM	2592.99	518598	80	1	216	22.62	20.42	0.110
CP-OFDM 64QAM	2592.99	518598	80	109	54	22.86	20.66	0.116
CP-OFDM 64QAM	2592.99	518598	80	217	0	22.97	20.77	0.119
CP-OFDM 256QAM	2592.99	518598	80	1	0	21.53	19.33	0.086
CP-OFDM 256QAM	2592.99	518598	80	1	216	21.58	19.38	0.087
CP-OFDM 256QAM	2592.99	518598	80	109	54	21.69	19.49	0.089
CP-OFDM 256QAM	2592.99	518598	80	217	0	21.75	19.55	0.090
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	0	22.87	20.67	0.117
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	1	216	22.95	20.75	0.119
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	108	54	22.92	20.72	0.118
DFT-s-OFDM PI/2 BPSK	2649.99	529998	80	216	0	22.96	20.76	0.119
DFT-s-OFDM QPSK	2649.99	529998	80	1	0	22.99	20.79	0.120
DFT-s-OFDM QPSK	2649.99	529998	80	1	216	22.80	20.60	0.115
DFT-s-OFDM QPSK	2649.99	529998	80	108	54	22.94	20.74	0.119
DFT-s-OFDM QPSK	2649.99	529998	80	216	0	22.82	20.62	0.115
DFT-s-OFDM 16QAM	2649.99	529998	80	1	0	23.01	20.81	0.121
DFT-s-OFDM 16QAM	2649.99	529998	80	1	216	22.94	20.74	0.119
DFT-s-OFDM 16QAM	2649.99	529998	80	108	54	22.98	20.78	0.120
DFT-s-OFDM 16QAM	2649.99	529998	80	216	0	22.79	20.59	0.115
DFT-s-OFDM 64QAM	2649.99	529998	80	1	0	22.85	20.65	0.116
DFT-s-OFDM 64QAM	2649.99	529998	80	1	216	23.00	20.80	0.120

DFT-s-OFDM 64QAM	2649.99	529998	80	108	54	22.87	20.67	0.117
DFT-s-OFDM 64QAM	2649.99	529998	80	216	0	23.03	20.83	0.121
DFT-s-OFDM 256QAM	2649.99	529998	80	1	0	22.27	20.07	0.102
DFT-s-OFDM 256QAM	2649.99	529998	80	1	216	22.37	20.17	0.104
DFT-s-OFDM 256QAM	2649.99	529998	80	108	54	22.67	20.47	0.111
DFT-s-OFDM 256QAM	2649.99	529998	80	216	0	22.70	20.50	0.112
CP-OFDM QPSK	2649.99	529998	80	1	0	23.08	20.88	0.122
CP-OFDM QPSK	2649.99	529998	80	1	216	22.98	20.78	0.120
CP-OFDM QPSK	2649.99	529998	80	109	54	22.93	20.73	0.118
CP-OFDM QPSK	2649.99	529998	80	217	0	22.98	20.78	0.120
CP-OFDM 16QAM	2649.99	529998	80	1	0	22.94	20.74	0.119
CP-OFDM 16QAM	2649.99	529998	80	1	216	22.83	20.63	0.116
CP-OFDM 16QAM	2649.99	529998	80	109	54	23.02	20.82	0.121
CP-OFDM 16QAM	2649.99	529998	80	217	0	23.01	20.81	0.121
CP-OFDM 64QAM	2649.99	529998	80	1	0	22.70	20.50	0.112
CP-OFDM 64QAM	2649.99	529998	80	1	216	22.73	20.53	0.113
CP-OFDM 64QAM	2649.99	529998	80	109	54	22.90	20.70	0.117
CP-OFDM 64QAM	2649.99	529998	80	217	0	22.95	20.75	0.119
CP-OFDM 256QAM	2649.99	529998	80	1	0	21.67	19.47	0.089
CP-OFDM 256QAM	2649.99	529998	80	1	216	21.56	19.36	0.086
CP-OFDM 256QAM	2649.99	529998	80	109	54	21.68	19.48	0.089
CP-OFDM 256QAM	2649.99	529998	80	217	0	21.63	19.43	0.088

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	0	22.99	20.79	0.120
DFT-s-OFDM PI/2 BPSK	2541	508200	90	1	244	23.06	20.86	0.122
DFT-s-OFDM PI/2 BPSK	2541	508200	90	120	60	23.06	20.86	0.122
DFT-s-OFDM PI/2 BPSK	2541	508200	90	243	0	23.10	20.90	0.123
DFT-s-OFDM QPSK	2541	508200	90	1	0	22.82	20.62	0.115
DFT-s-OFDM QPSK	2541	508200	90	1	244	23.20	21.00	0.126
DFT-s-OFDM QPSK	2541	508200	90	120	60	23.03	20.83	0.121
DFT-s-OFDM QPSK	2541	508200	90	243	0	23.03	20.83	0.121
DFT-s-OFDM 16QAM	2541	508200	90	1	0	22.95	20.75	0.119
DFT-s-OFDM 16QAM	2541	508200	90	1	244	23.14	20.94	0.124
DFT-s-OFDM 16QAM	2541	508200	90	120	60	23.05	20.85	0.122
DFT-s-OFDM 16QAM	2541	508200	90	243	0	23.02	20.82	0.121
DFT-s-OFDM 64QAM	2541	508200	90	1	0	22.90	20.70	0.117
DFT-s-OFDM 64QAM	2541	508200	90	1	244	22.83	20.63	0.116
DFT-s-OFDM 64QAM	2541	508200	90	120	60	22.98	20.78	0.120
DFT-s-OFDM 64QAM	2541	508200	90	243	0	23.26	21.06	0.128
DFT-s-OFDM 256QAM	2541	508200	90	1	0	22.33	20.13	0.103
DFT-s-OFDM 256QAM	2541	508200	90	1	244	22.46	20.26	0.106
DFT-s-OFDM 256QAM	2541	508200	90	120	60	22.62	20.42	0.110
DFT-s-OFDM 256QAM	2541	508200	90	243	0	22.56	20.36	0.109
CP-OFDM QPSK	2541	508200	90	1	0	22.95	20.75	0.119

CP-OFDM QPSK	2541	508200	90	1	244	22.97	20.77	0.119
CP-OFDM QPSK	2541	508200	90	123	61	23.15	20.95	0.124
CP-OFDM QPSK	2541	508200	90	245	0	23.06	20.86	0.122
CP-OFDM 16QAM	2541	508200	90	1	0	22.99	20.79	0.120
CP-OFDM 16QAM	2541	508200	90	1	244	23.06	20.86	0.122
CP-OFDM 16QAM	2541	508200	90	123	61	22.94	20.74	0.119
CP-OFDM 16QAM	2541	508200	90	245	0	23.05	20.85	0.122
CP-OFDM 64QAM	2541	508200	90	1	0	22.77	20.57	0.114
CP-OFDM 64QAM	2541	508200	90	1	244	22.76	20.56	0.114
CP-OFDM 64QAM	2541	508200	90	123	61	23.11	20.91	0.123
CP-OFDM 64QAM	2541	508200	90	245	0	23.09	20.89	0.123
CP-OFDM 256QAM	2541	508200	90	1	0	21.62	19.42	0.087
CP-OFDM 256QAM	2541	508200	90	1	244	21.94	19.74	0.094
CP-OFDM 256QAM	2541	508200	90	123	61	21.79	19.59	0.091
CP-OFDM 256QAM	2541	508200	90	245	0	21.73	19.53	0.090
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	0	22.38	20.18	0.104
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	1	244	22.13	19.93	0.098
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	120	60	22.48	20.28	0.107
DFT-s-OFDM PI/2 BPSK	2592.99	518598	90	243	0	22.52	20.32	0.108
DFT-s-OFDM QPSK	2592.99	518598	90	1	0	22.86	20.66	0.116
DFT-s-OFDM QPSK	2592.99	518598	90	1	244	22.95	20.75	0.119
DFT-s-OFDM QPSK	2592.99	518598	90	120	60	23.04	20.84	0.121
DFT-s-OFDM QPSK	2592.99	518598	90	243	0	22.90	20.70	0.117
DFT-s-OFDM 16QAM	2592.99	518598	90	1	0	22.90	20.70	0.117
DFT-s-OFDM 16QAM	2592.99	518598	90	1	244	22.85	20.65	0.116
DFT-s-OFDM 16QAM	2592.99	518598	90	120	60	22.88	20.68	0.117
DFT-s-OFDM 16QAM	2592.99	518598	90	243	0	23.08	20.88	0.122
DFT-s-OFDM 64QAM	2592.99	518598	90	1	0	22.96	20.76	0.119
DFT-s-OFDM 64QAM	2592.99	518598	90	1	244	22.79	20.59	0.115
DFT-s-OFDM 64QAM	2592.99	518598	90	120	60	23.03	20.83	0.121
DFT-s-OFDM 64QAM	2592.99	518598	90	243	0	22.95	20.75	0.119
DFT-s-OFDM 256QAM	2592.99	518598	90	1	0	22.21	20.01	0.100
DFT-s-OFDM 256QAM	2592.99	518598	90	1	244	22.31	20.11	0.103
DFT-s-OFDM 256QAM	2592.99	518598	90	120	60	22.54	20.34	0.108
DFT-s-OFDM 256QAM	2592.99	518598	90	243	0	22.40	20.20	0.105
CP-OFDM QPSK	2592.99	518598	90	1	0	23.01	20.81	0.121
CP-OFDM QPSK	2592.99	518598	90	1	244	22.94	20.74	0.119
CP-OFDM QPSK	2592.99	518598	90	123	61	22.77	20.57	0.114
CP-OFDM QPSK	2592.99	518598	90	245	0	23.07	20.87	0.122
CP-OFDM 16QAM	2592.99	518598	90	1	0	22.93	20.73	0.118
CP-OFDM 16QAM	2592.99	518598	90	1	244	22.91	20.71	0.118
CP-OFDM 16QAM	2592.99	518598	90	123	61	23.05	20.85	0.122
CP-OFDM 16QAM	2592.99	518598	90	245	0	23.00	20.80	0.120
CP-OFDM 64QAM	2592.99	518598	90	1	0	22.76	20.56	0.114
CP-OFDM 64QAM	2592.99	518598	90	1	244	22.79	20.59	0.115
CP-OFDM 64QAM	2592.99	518598	90	123	61	22.99	20.79	0.120

CP-OFDM 64QAM	2592.99	518598	90	245	0	22.95	20.75	0.119
CP-OFDM 256QAM	2592.99	518598	90	1	0	21.41	19.21	0.083
CP-OFDM 256QAM	2592.99	518598	90	1	244	21.49	19.29	0.085
CP-OFDM 256QAM	2592.99	518598	90	123	61	21.71	19.51	0.089
CP-OFDM 256QAM	2592.99	518598	90	245	0	21.55	19.35	0.086
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	0	22.91	20.71	0.118
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	1	244	22.81	20.61	0.115
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	120	60	23.17	20.97	0.125
DFT-s-OFDM PI/2 BPSK	2644.98	528996	90	243	0	23.07	20.87	0.122
DFT-s-OFDM QPSK	2644.98	528996	90	1	0	23.19	20.99	0.126
DFT-s-OFDM QPSK	2644.98	528996	90	1	244	22.98	20.78	0.120
DFT-s-OFDM QPSK	2644.98	528996	90	120	60	23.06	20.86	0.122
DFT-s-OFDM QPSK	2644.98	528996	90	243	0	23.11	20.91	0.123
DFT-s-OFDM 16QAM	2644.98	528996	90	1	0	22.78	20.58	0.114
DFT-s-OFDM 16QAM	2644.98	528996	90	1	244	23.01	20.81	0.121
DFT-s-OFDM 16QAM	2644.98	528996	90	120	60	22.89	20.69	0.117
DFT-s-OFDM 16QAM	2644.98	528996	90	243	0	23.00	20.80	0.120
DFT-s-OFDM 64QAM	2644.98	528996	90	1	0	22.92	20.72	0.118
DFT-s-OFDM 64QAM	2644.98	528996	90	1	244	22.90	20.70	0.117
DFT-s-OFDM 64QAM	2644.98	528996	90	120	60	23.00	20.80	0.120
DFT-s-OFDM 64QAM	2644.98	528996	90	243	0	22.89	20.69	0.117
DFT-s-OFDM 256QAM	2644.98	528996	90	1	0	22.38	20.18	0.104
DFT-s-OFDM 256QAM	2644.98	528996	90	1	244	22.45	20.25	0.106
DFT-s-OFDM 256QAM	2644.98	528996	90	120	60	22.48	20.28	0.107
DFT-s-OFDM 256QAM	2644.98	528996	90	243	0	22.48	20.28	0.107
CP-OFDM QPSK	2644.98	528996	90	1	0	22.94	20.74	0.119
CP-OFDM QPSK	2644.98	528996	90	1	244	22.97	20.77	0.119
CP-OFDM QPSK	2644.98	528996	90	123	61	23.00	20.80	0.120
CP-OFDM QPSK	2644.98	528996	90	245	0	22.88	20.68	0.117
CP-OFDM 16QAM	2644.98	528996	90	1	0	23.21	21.01	0.126
CP-OFDM 16QAM	2644.98	528996	90	1	244	22.97	20.77	0.119
CP-OFDM 16QAM	2644.98	528996	90	123	61	22.91	20.71	0.118
CP-OFDM 16QAM	2644.98	528996	90	245	0	23.03	20.83	0.121
CP-OFDM 64QAM	2644.98	528996	90	1	0	22.76	20.56	0.114
CP-OFDM 64QAM	2644.98	528996	90	1	244	22.83	20.63	0.116
CP-OFDM 64QAM	2644.98	528996	90	123	61	22.95	20.75	0.119
CP-OFDM 64QAM	2644.98	528996	90	245	0	23.11	20.91	0.123
CP-OFDM 256QAM	2644.98	528996	90	1	0	21.56	19.36	0.086
CP-OFDM 256QAM	2644.98	528996	90	1	244	21.80	19.60	0.091
CP-OFDM 256QAM	2644.98	528996	90	123	61	21.70	19.50	0.089
CP-OFDM 256QAM	2644.98	528996	90	245	0	21.72	19.52	0.090

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	0	23.18	20.98	0.125
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	1	272	22.98	20.78	0.120

DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	135	67	23.20	21.00	0.126
DFT-s-OFDM PI/2 BPSK	2546.01	509202	100	270	0	23.13	20.93	0.124
DFT-s-OFDM QPSK	2546.01	509202	100	1	0	22.97	20.77	0.119
DFT-s-OFDM QPSK	2546.01	509202	100	1	272	23.09	20.89	0.123
DFT-s-OFDM QPSK	2546.01	509202	100	135	67	22.98	20.78	0.120
DFT-s-OFDM QPSK	2546.01	509202	100	270	0	23.06	20.86	0.122
DFT-s-OFDM 16QAM	2546.01	509202	100	1	0	22.89	20.69	0.117
DFT-s-OFDM 16QAM	2546.01	509202	100	1	272	22.82	20.62	0.115
DFT-s-OFDM 16QAM	2546.01	509202	100	135	67	23.12	20.92	0.124
DFT-s-OFDM 16QAM	2546.01	509202	100	270	0	22.92	20.72	0.118
DFT-s-OFDM 64QAM	2546.01	509202	100	1	0	22.84	20.64	0.116
DFT-s-OFDM 64QAM	2546.01	509202	100	1	272	22.71	20.51	0.112
DFT-s-OFDM 64QAM	2546.01	509202	100	135	67	23.12	20.92	0.124
DFT-s-OFDM 64QAM	2546.01	509202	100	270	0	22.98	20.78	0.120
DFT-s-OFDM 256QAM	2546.01	509202	100	1	0	22.42	20.22	0.105
DFT-s-OFDM 256QAM	2546.01	509202	100	1	272	22.38	20.18	0.104
DFT-s-OFDM 256QAM	2546.01	509202	100	135	67	22.48	20.28	0.107
DFT-s-OFDM 256QAM	2546.01	509202	100	270	0	22.50	20.30	0.107
CP-OFDM QPSK	2546.01	509202	100	1	0	23.05	20.85	0.122
CP-OFDM QPSK	2546.01	509202	100	1	272	22.88	20.68	0.117
CP-OFDM QPSK	2546.01	509202	100	137	68	23.06	20.86	0.122
CP-OFDM QPSK	2546.01	509202	100	273	0	23.19	20.99	0.126
CP-OFDM 16QAM	2546.01	509202	100	1	0	23.09	20.89	0.123
CP-OFDM 16QAM	2546.01	509202	100	1	272	22.93	20.73	0.118
CP-OFDM 16QAM	2546.01	509202	100	137	68	23.27	21.07	0.128
CP-OFDM 16QAM	2546.01	509202	100	273	0	23.13	20.93	0.124
CP-OFDM 64QAM	2546.01	509202	100	1	0	22.75	20.55	0.114
CP-OFDM 64QAM	2546.01	509202	100	1	272	22.84	20.64	0.116
CP-OFDM 64QAM	2546.01	509202	100	137	68	23.13	20.93	0.124
CP-OFDM 64QAM	2546.01	509202	100	273	0	23.18	20.98	0.125
CP-OFDM 256QAM	2546.01	509202	100	1	0	21.51	19.31	0.085
CP-OFDM 256QAM	2546.01	509202	100	1	272	21.51	19.31	0.085
CP-OFDM 256QAM	2546.01	509202	100	137	68	21.68	19.48	0.089
CP-OFDM 256QAM	2546.01	509202	100	273	0	21.63	19.43	0.088
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	0	22.43	20.23	0.105
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	1	272	22.25	20.05	0.101
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	135	67	22.33	20.13	0.103
DFT-s-OFDM PI/2 BPSK	2592.99	518598	100	270	0	22.57	20.37	0.109
DFT-s-OFDM QPSK	2592.99	518598	100	1	0	22.90	20.70	0.117
DFT-s-OFDM QPSK	2592.99	518598	100	1	272	22.85	20.65	0.116
DFT-s-OFDM QPSK	2592.99	518598	100	135	67	23.00	20.80	0.120
DFT-s-OFDM QPSK	2592.99	518598	100	270	0	23.11	20.91	0.123
DFT-s-OFDM 16QAM	2592.99	518598	100	1	0	22.83	20.63	0.116
DFT-s-OFDM 16QAM	2592.99	518598	100	1	272	22.80	20.60	0.115
DFT-s-OFDM 16QAM	2592.99	518598	100	135	67	23.02	20.82	0.121
DFT-s-OFDM 16QAM	2592.99	518598	100	270	0	23.17	20.97	0.125

DFT-s-OFDM 64QAM	2592.99	518598	100	1	0	23.15	20.95	0.124
DFT-s-OFDM 64QAM	2592.99	518598	100	1	272	22.84	20.64	0.116
DFT-s-OFDM 64QAM	2592.99	518598	100	135	67	23.03	20.83	0.121
DFT-s-OFDM 64QAM	2592.99	518598	100	270	0	23.01	20.81	0.121
DFT-s-OFDM 256QAM	2592.99	518598	100	1	0	22.17	19.97	0.099
DFT-s-OFDM 256QAM	2592.99	518598	100	1	272	22.37	20.17	0.104
DFT-s-OFDM 256QAM	2592.99	518598	100	135	67	22.25	20.05	0.101
DFT-s-OFDM 256QAM	2592.99	518598	100	270	0	22.50	20.30	0.107
CP-OFDM QPSK	2592.99	518598	100	1	0	22.81	20.61	0.115
CP-OFDM QPSK	2592.99	518598	100	1	272	23.12	20.92	0.124
CP-OFDM QPSK	2592.99	518598	100	137	68	22.81	20.61	0.115
CP-OFDM QPSK	2592.99	518598	100	273	0	23.04	20.84	0.121
CP-OFDM 16QAM	2592.99	518598	100	1	0	22.79	20.59	0.115
CP-OFDM 16QAM	2592.99	518598	100	1	272	22.93	20.73	0.118
CP-OFDM 16QAM	2592.99	518598	100	137	68	23.04	20.84	0.121
CP-OFDM 16QAM	2592.99	518598	100	273	0	23.11	20.91	0.123
CP-OFDM 64QAM	2592.99	518598	100	1	0	22.81	20.61	0.115
CP-OFDM 64QAM	2592.99	518598	100	1	272	22.79	20.59	0.115
CP-OFDM 64QAM	2592.99	518598	100	137	68	22.85	20.65	0.116
CP-OFDM 64QAM	2592.99	518598	100	273	0	22.97	20.77	0.119
CP-OFDM 256QAM	2592.99	518598	100	1	0	21.60	19.40	0.087
CP-OFDM 256QAM	2592.99	518598	100	1	272	21.54	19.34	0.086
CP-OFDM 256QAM	2592.99	518598	100	137	68	21.63	19.43	0.088
CP-OFDM 256QAM	2592.99	518598	100	273	0	21.58	19.38	0.087
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	0	22.91	20.71	0.118
DFT-s-OFDM PI/2 BPSK	2640	528000	100	1	272	23.10	20.90	0.123
DFT-s-OFDM PI/2 BPSK	2640	528000	100	135	67	22.86	20.66	0.116
DFT-s-OFDM PI/2 BPSK	2640	528000	100	270	0	23.02	20.82	0.121
DFT-s-OFDM QPSK	2640	528000	100	1	0	23.17	20.97	0.125
DFT-s-OFDM QPSK	2640	528000	100	1	272	22.90	20.70	0.117
DFT-s-OFDM QPSK	2640	528000	100	135	67	23.07	20.87	0.122
DFT-s-OFDM QPSK	2640	528000	100	270	0	23.09	20.89	0.123
DFT-s-OFDM 16QAM	2640	528000	100	1	0	23.04	20.84	0.121
DFT-s-OFDM 16QAM	2640	528000	100	1	272	22.94	20.74	0.119
DFT-s-OFDM 16QAM	2640	528000	100	135	67	22.92	20.72	0.118
DFT-s-OFDM 16QAM	2640	528000	100	270	0	22.98	20.78	0.120
DFT-s-OFDM 64QAM	2640	528000	100	1	0	22.94	20.74	0.119
DFT-s-OFDM 64QAM	2640	528000	100	1	272	22.81	20.61	0.115
DFT-s-OFDM 64QAM	2640	528000	100	135	67	22.83	20.63	0.116
DFT-s-OFDM 64QAM	2640	528000	100	270	0	23.05	20.85	0.122
DFT-s-OFDM 256QAM	2640	528000	100	1	0	22.53	20.33	0.108
DFT-s-OFDM 256QAM	2640	528000	100	1	272	22.30	20.10	0.102
DFT-s-OFDM 256QAM	2640	528000	100	135	67	22.63	20.43	0.110
DFT-s-OFDM 256QAM	2640	528000	100	270	0	22.70	20.50	0.112
CP-OFDM QPSK	2640	528000	100	1	0	22.96	20.76	0.119
CP-OFDM QPSK	2640	528000	100	1	272	22.95	20.75	0.119

CP-OFDM QPSK	2640	528000	100	137	68	22.97	20.77	0.119
CP-OFDM QPSK	2640	528000	100	273	0	23.05	20.85	0.122
CP-OFDM 16QAM	2640	528000	100	1	0	23.01	20.81	0.121
CP-OFDM 16QAM	2640	528000	100	1	272	23.03	20.83	0.121
CP-OFDM 16QAM	2640	528000	100	137	68	22.99	20.79	0.120
CP-OFDM 16QAM	2640	528000	100	273	0	22.99	20.79	0.120
CP-OFDM 64QAM	2640	528000	100	1	0	22.92	20.72	0.118
CP-OFDM 64QAM	2640	528000	100	1	272	22.80	20.60	0.115
CP-OFDM 64QAM	2640	528000	100	137	68	22.82	20.62	0.115
CP-OFDM 64QAM	2640	528000	100	273	0	22.98	20.78	0.120
CP-OFDM 256QAM	2640	528000	100	1	0	21.80	19.60	0.091
CP-OFDM 256QAM	2640	528000	100	1	272	21.76	19.56	0.090
CP-OFDM 256QAM	2640	528000	100	137	68	21.82	19.62	0.092
CP-OFDM 256QAM	2640	528000	100	273	0	21.75	19.55	0.090