

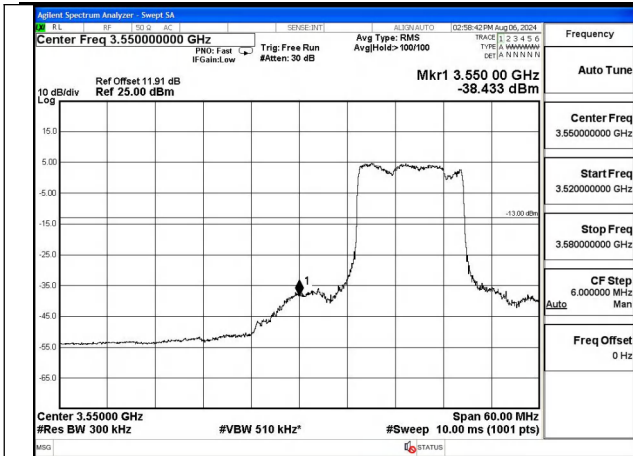


Fig.11

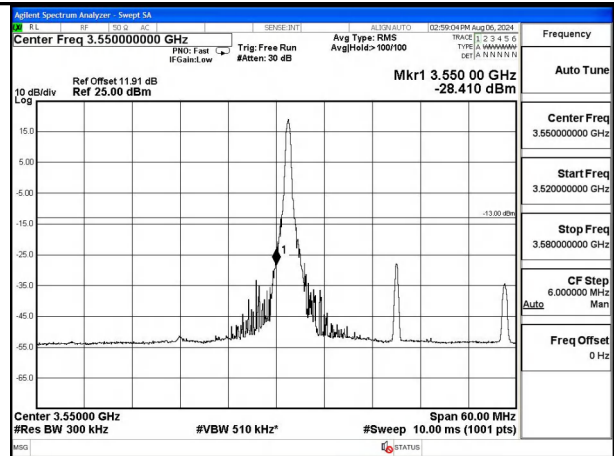


Fig.12

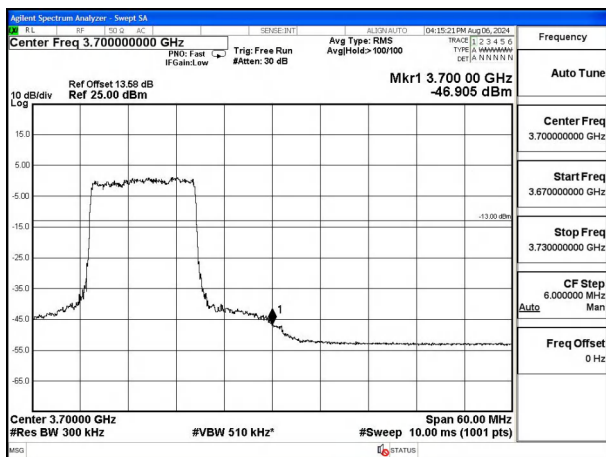


Fig.13

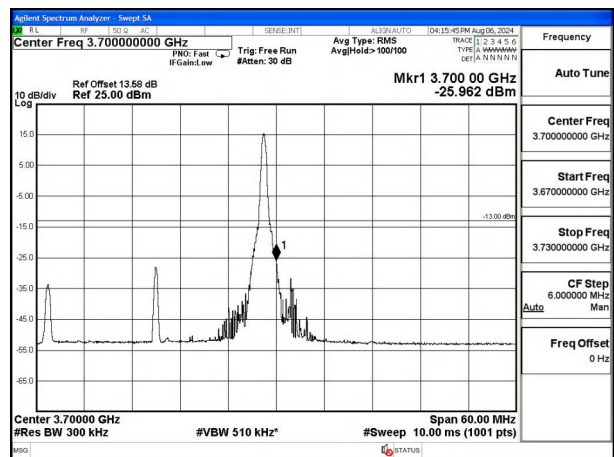


Fig.14

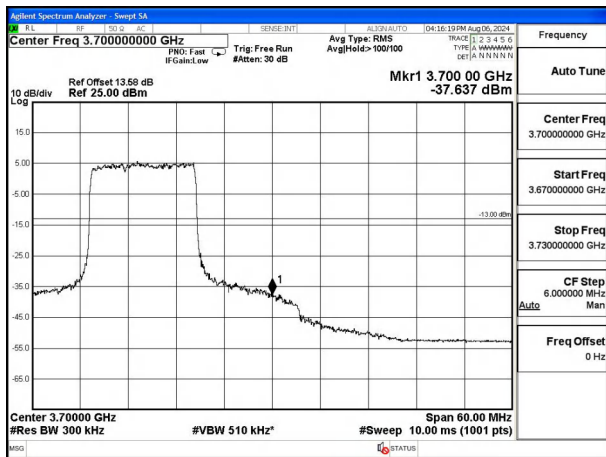


Fig.15

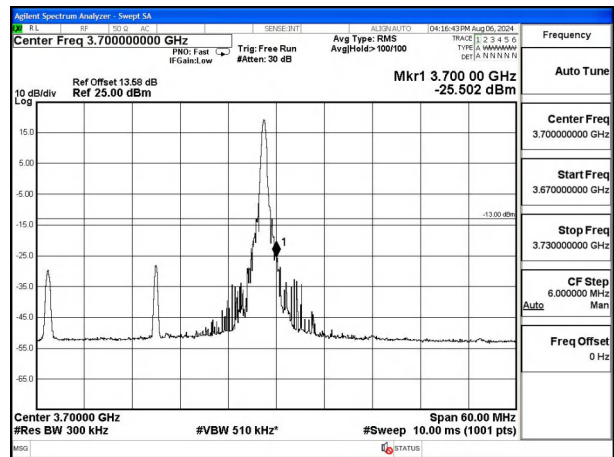


Fig.16

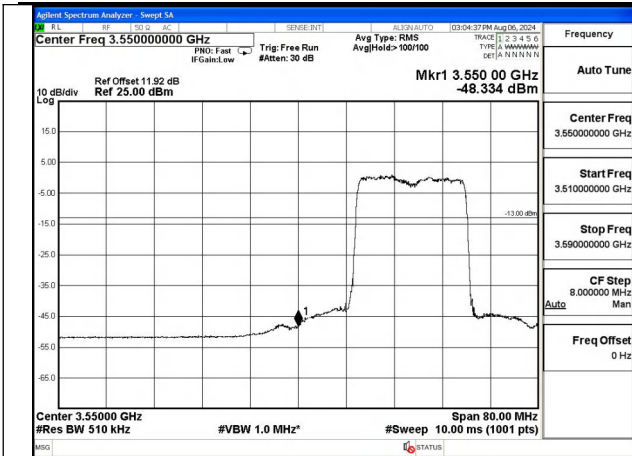


Fig.17

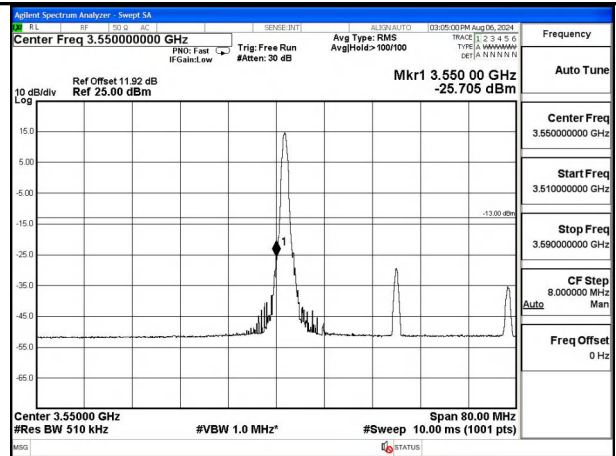


Fig.18

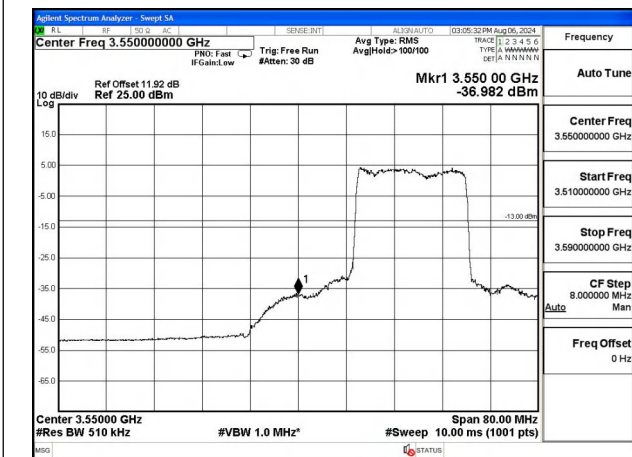


Fig.19

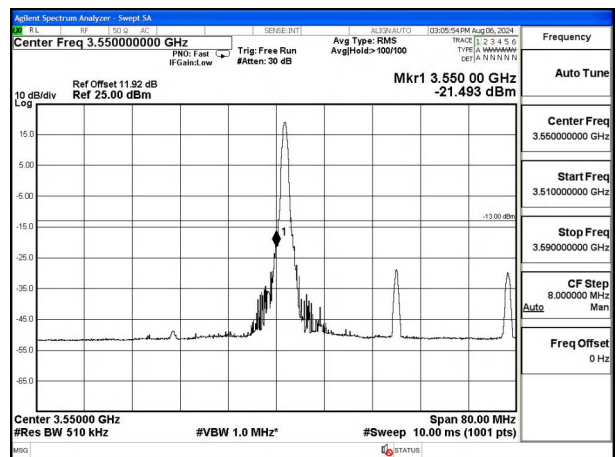


Fig.20

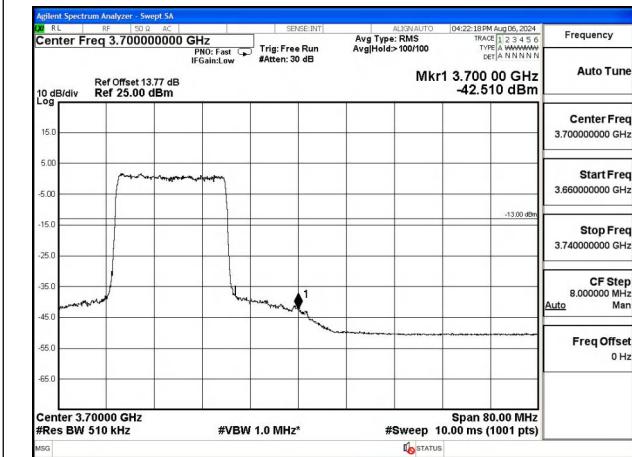


Fig.21

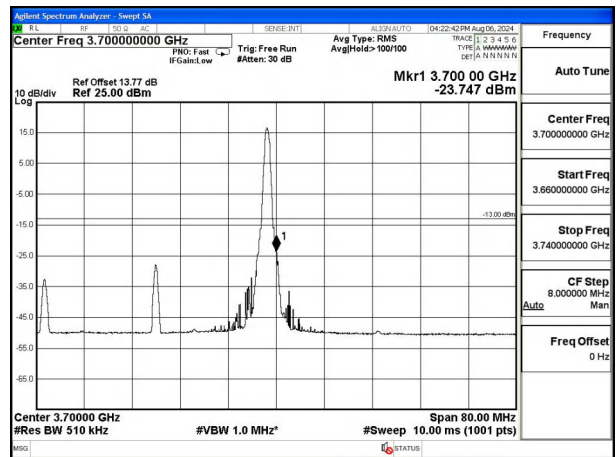


Fig.22

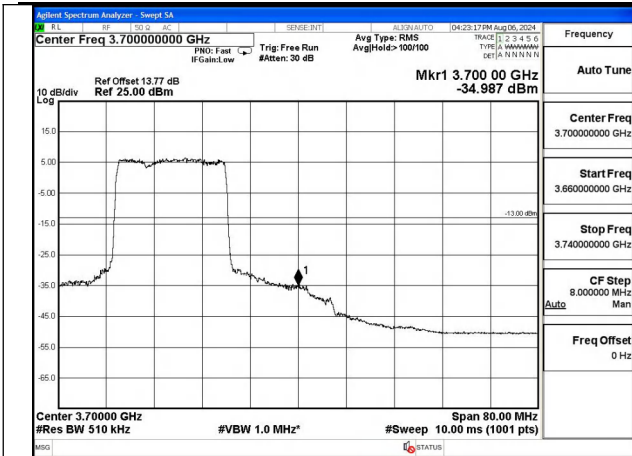


Fig.23

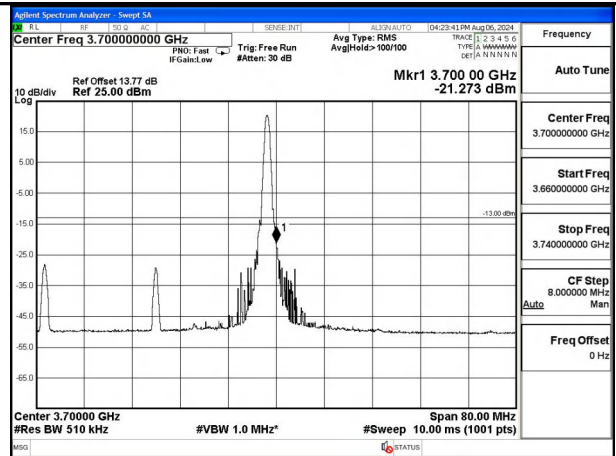


Fig.24

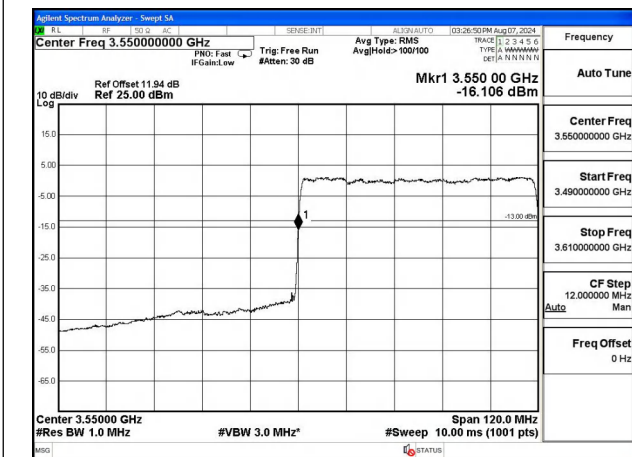


Fig.25

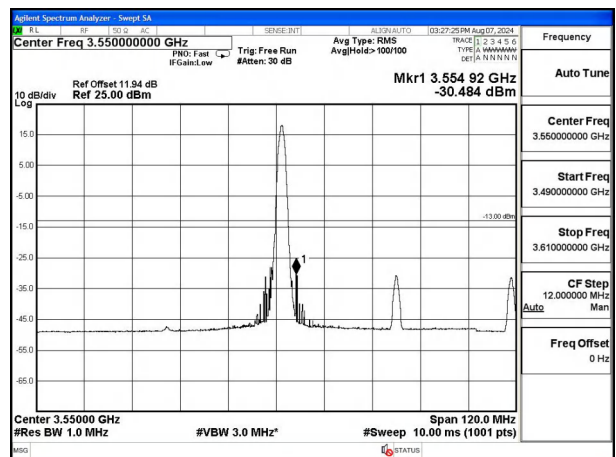


Fig.26

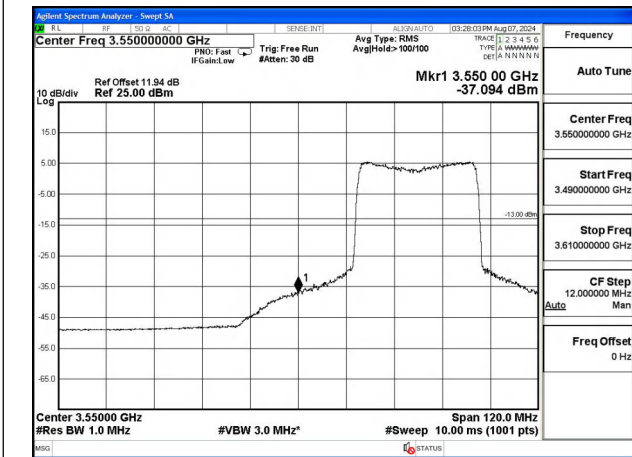


Fig.27

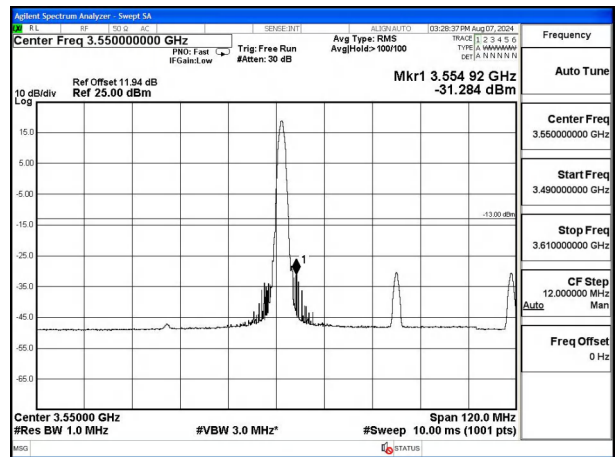


Fig.28

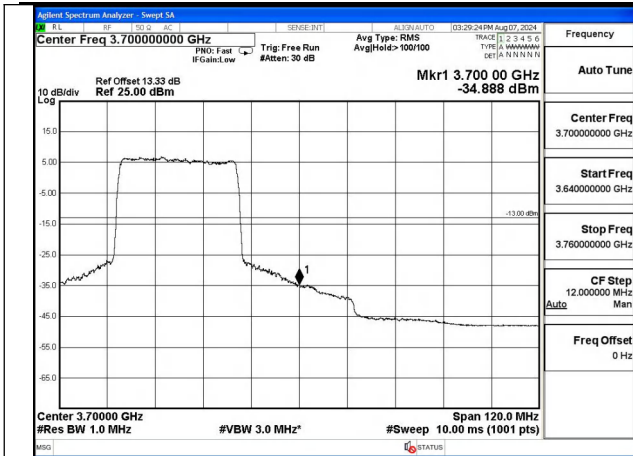


Fig.29

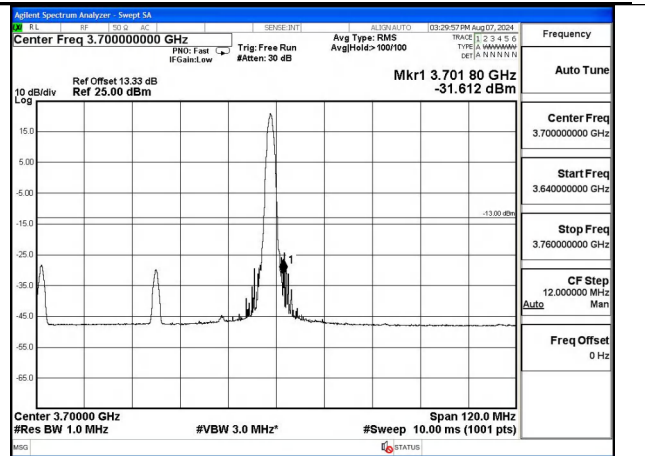


Fig.30

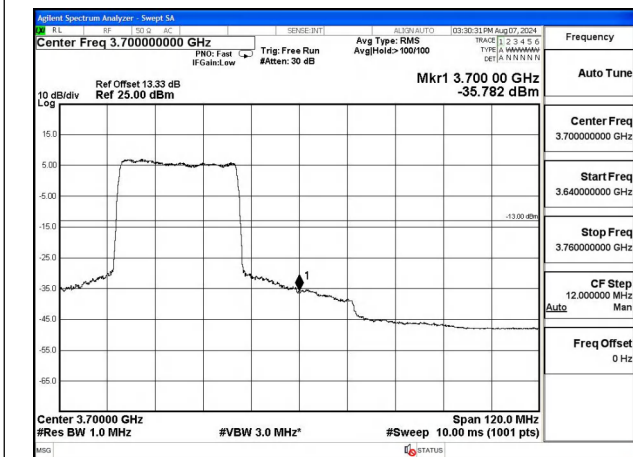


Fig.31

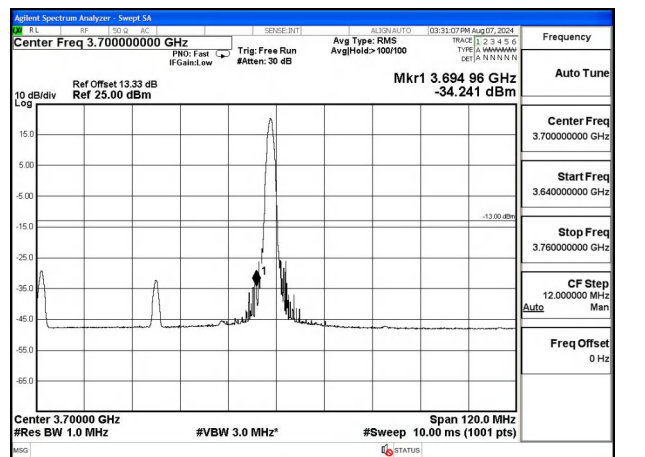


Fig.32

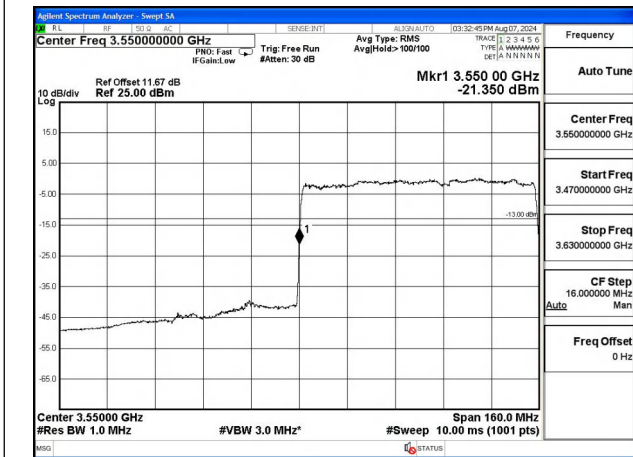


Fig.33

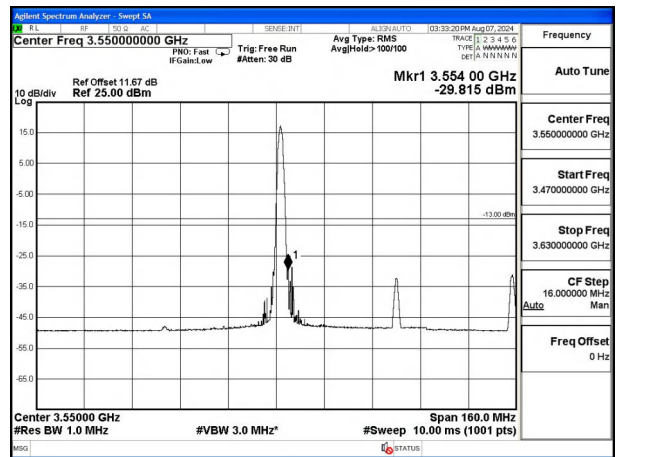


Fig.34

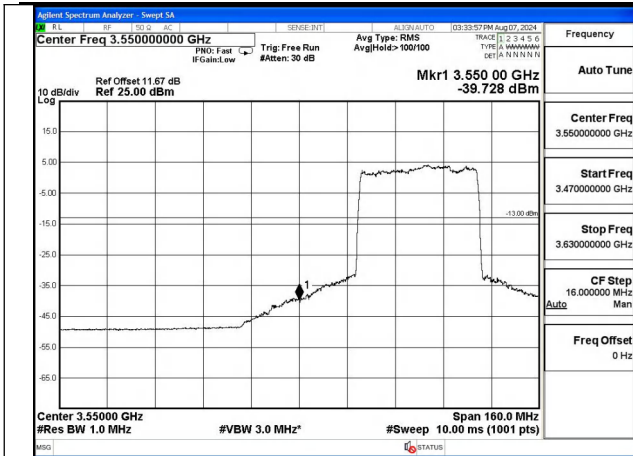


Fig.35

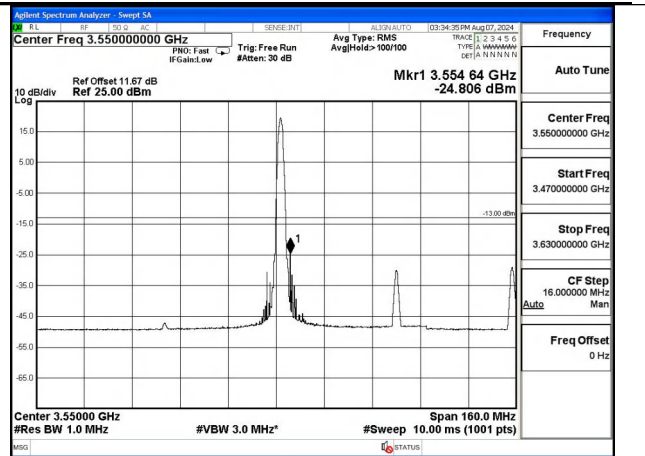


Fig.36

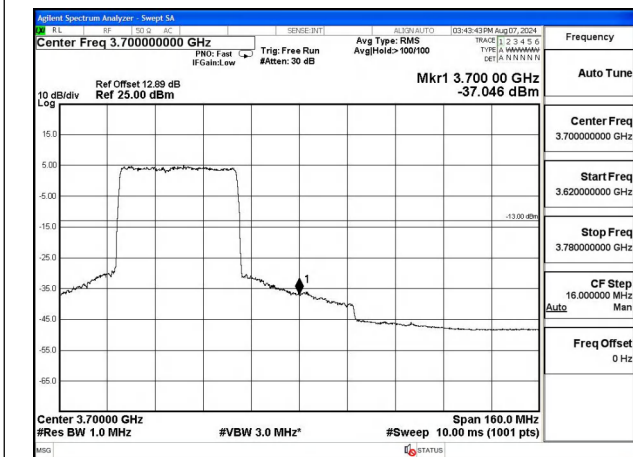


Fig.37

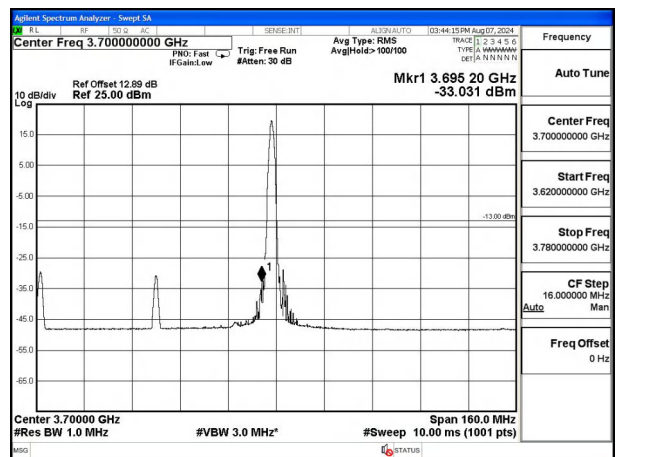


Fig.38

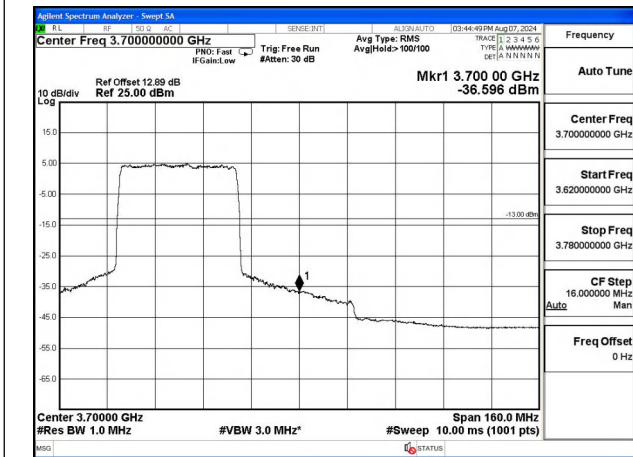


Fig.39

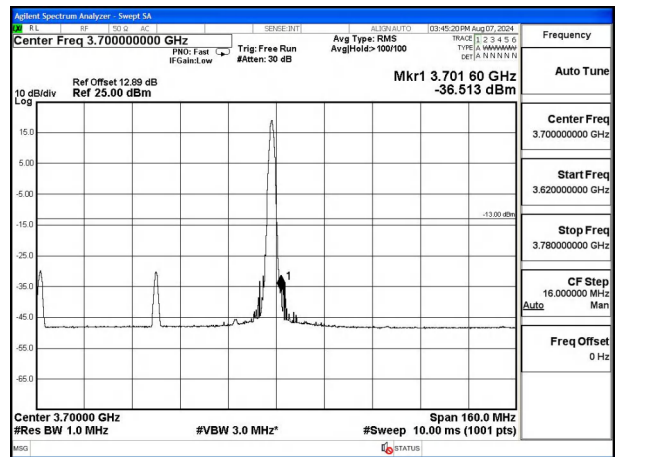


Fig.40

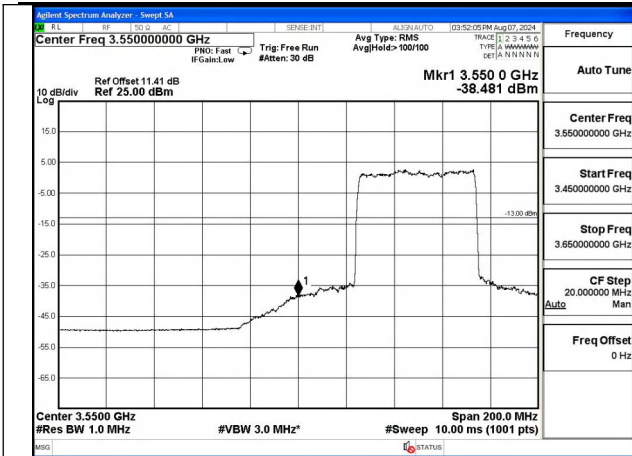


Fig.41

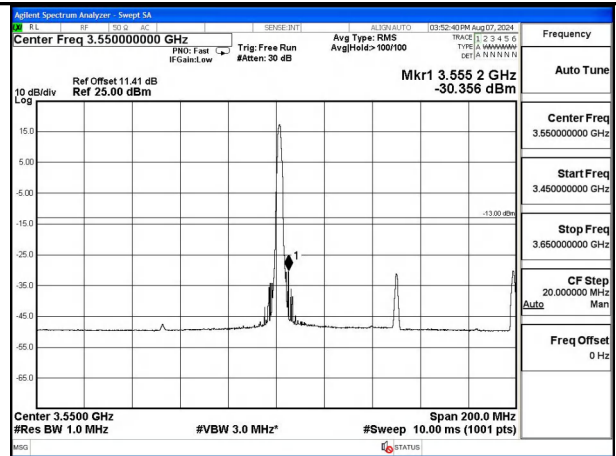


Fig.42

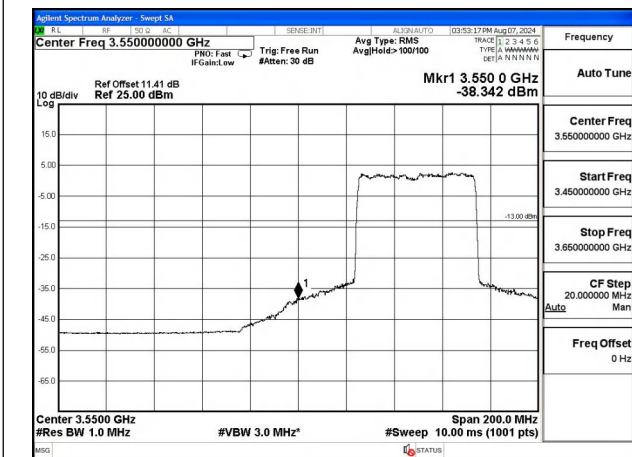


Fig.43

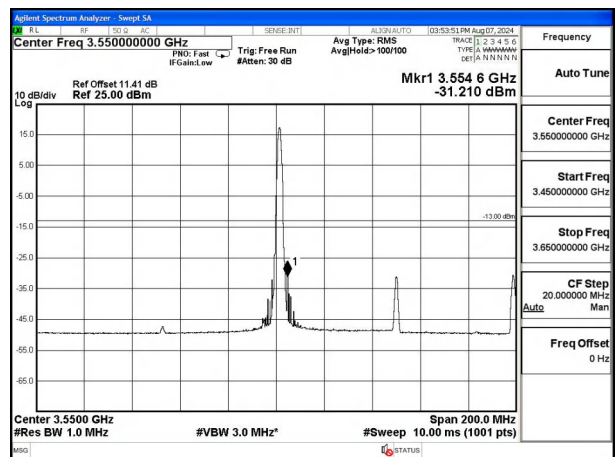


Fig.44

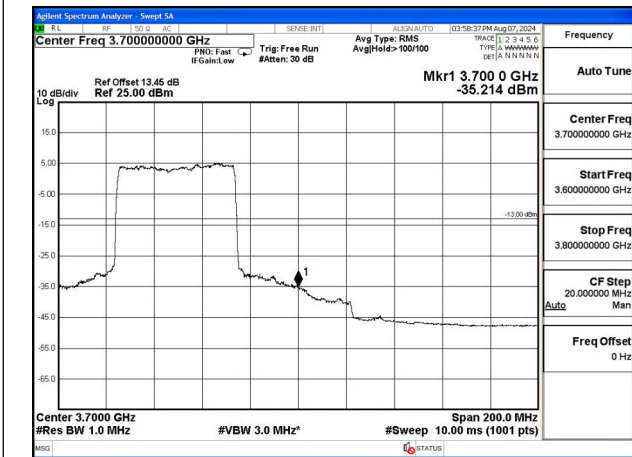


Fig.45

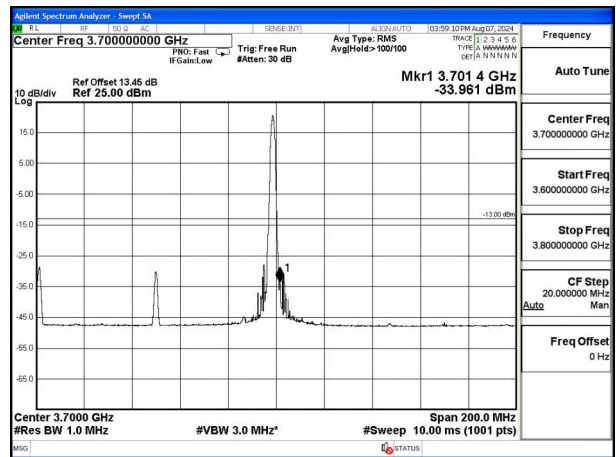


Fig.46

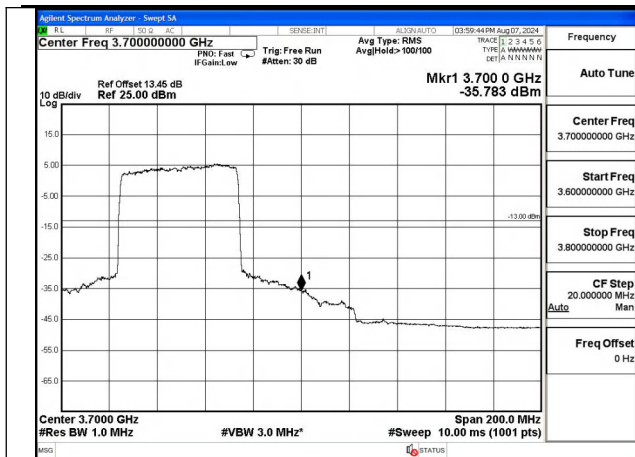


Fig.47

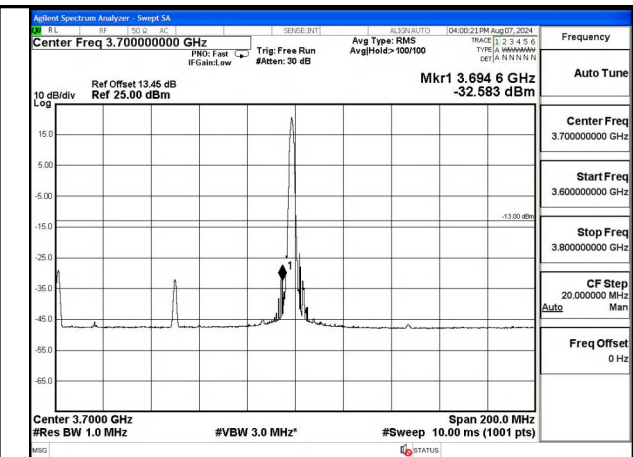


Fig.48

7 Frequency Stability

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Temperature (°C)	Voltage	Test Result (ppm)
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	-50	NV	-0.0081
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	-20	NV	-0.0048
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	-10	NV	-0.0056
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	0	NV	-0.0031
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	10	NV	-0.0059
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	20	NV	0.0031
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	30	NV	-0.0051
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	40	NV	0.0022
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	50	NV	-0.0067
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	55	NV	-0.0062
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	20	LV	-0.0087
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	20	HV	-0.0039
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	-50	NV	-0.0028
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	-20	NV	-0.0025
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	-10	NV	-0.0047
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	0	NV	-0.0019
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	10	NV	-0.0036
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	20	NV	0.0017
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	30	NV	-0.0003
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	40	NV	-0.0019
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	50	NV	-0.0003
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	55	NV	-0.0003
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	20	LV	-0.0039
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	20	HV	-0.0039
DFT-s-OFDM QPSK	3690	646000	20	50	0	-50	NV	-0.0008
DFT-s-OFDM QPSK	3690	646000	20	50	0	-20	NV	-0.0035
DFT-s-OFDM QPSK	3690	646000	20	50	0	-10	NV	-0.0014
DFT-s-OFDM QPSK	3690	646000	20	50	0	0	NV	-0.0022
DFT-s-OFDM QPSK	3690	646000	20	50	0	10	NV	0.0019
DFT-s-OFDM QPSK	3690	646000	20	50	0	20	NV	-0.0035
DFT-s-OFDM QPSK	3690	646000	20	50	0	30	NV	-0.0019
DFT-s-OFDM QPSK	3690	646000	20	50	0	40	NV	0.0005
DFT-s-OFDM QPSK	3690	646000	20	50	0	50	NV	-0.0033
DFT-s-OFDM QPSK	3690	646000	20	50	0	55	NV	0.0014
DFT-s-OFDM QPSK	3690	646000	20	50	0	20	LV	-0.0022
DFT-s-OFDM QPSK	3690	646000	20	50	0	20	HV	-0.0038
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	-50	NV	-0.0011
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	-20	NV	-0.0028
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	-10	NV	0
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	0	NV	-0.0031
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	10	NV	0.0006
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	20	NV	0.0011

DFT-s-OFDM QPSK	3565.02	637668	30	75	0	30	NV	0.002
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	40	NV	0.0025
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	50	NV	0.002
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	55	NV	0.0034
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	20	LV	0.0006
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	20	HV	0.0011
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	-50	NV	-0.0006
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	-20	NV	0
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	-10	NV	-0.0025
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	0	NV	-0.0061
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	10	NV	-0.0008
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	20	NV	-0.0011
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	30	NV	-0.0025
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	40	NV	-0.0017
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	50	NV	-0.0006
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	55	NV	-0.0014
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	20	LV	-0.0006
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	20	HV	-0.0011
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	-50	NV	-0.0011
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	-20	NV	-0.006
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	-10	NV	0
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	0	NV	-0.0027
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	10	NV	-0.0043
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	20	NV	-0.003
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	30	NV	-0.0016
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	40	NV	0
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	50	NV	-0.0003
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	55	NV	-0.0019
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	20	LV	-0.0019
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	20	HV	-0.003
DFT-s-OFDM QPSK	3570	638000	40	100	0	-50	NV	0.0014
DFT-s-OFDM QPSK	3570	638000	40	100	0	-20	NV	-0.0048
DFT-s-OFDM QPSK	3570	638000	40	100	0	-10	NV	-0.0022
DFT-s-OFDM QPSK	3570	638000	40	100	0	0	NV	0.0028
DFT-s-OFDM QPSK	3570	638000	40	100	0	10	NV	0.0003
DFT-s-OFDM QPSK	3570	638000	40	100	0	20	NV	-0.0017
DFT-s-OFDM QPSK	3570	638000	40	100	0	30	NV	-0.0025
DFT-s-OFDM QPSK	3570	638000	40	100	0	40	NV	-0.0003
DFT-s-OFDM QPSK	3570	638000	40	100	0	50	NV	-0.0006
DFT-s-OFDM QPSK	3570	638000	40	100	0	55	NV	0.0008
DFT-s-OFDM QPSK	3570	638000	40	100	0	20	LV	0
DFT-s-OFDM QPSK	3570	638000	40	100	0	20	HV	-0.0042
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	-50	NV	-0.0047
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	-20	NV	0.0022
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	-10	NV	-0.0019

DFT-s-OFDM QPSK	3624.99	641666	40	100	0	0	NV	-0.0033
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	10	NV	-0.0006
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	20	NV	-0.0014
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	30	NV	-0.0003
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	40	NV	0.0011
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	50	NV	-0.0011
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	55	NV	-0.0036
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	20	LV	0.0003
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	20	HV	-0.003
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	-50	NV	-0.0019
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	-20	NV	-0.0041
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	-10	NV	0.0008
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	0	NV	-0.0016
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	10	NV	-0.0003
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	20	NV	0.0011
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	30	NV	-0.0049
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	40	NV	0
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	50	NV	-0.0033
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	55	NV	-0.0016
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	20	LV	-0.003
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	20	HV	-0.0035
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	-50	NV	-0.0034
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	-20	NV	-0.0017
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	-10	NV	0.0014
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	0	NV	-0.0008
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	10	NV	-0.0008
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	20	NV	-0.0014
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	30	NV	-0.0022
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	40	NV	0.0011
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	50	NV	0.0017
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	55	NV	0.0025
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	20	LV	0.0011
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	20	HV	0.0034
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	-50	NV	-0.0017
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	-20	NV	-0.0003
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	-10	NV	-0.0022
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	0	NV	-0.0017
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	10	NV	0.0011
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	20	NV	0.0011
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	30	NV	-0.0047
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	40	NV	0
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	50	NV	-0.0025
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	55	NV	-0.0008
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	20	LV	0.0003
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	20	HV	-0.0017

DFT-s-OFDM QPSK	3669.99	644666	60	162	0	-50	NV	-0.0011
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	-20	NV	0
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	-10	NV	0.0035
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	0	NV	0.0022
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	10	NV	-0.0016
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	20	NV	0.0022
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	30	NV	-0.0003
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	40	NV	0
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	50	NV	0.0014
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	55	NV	-0.0005
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	20	LV	0.003
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	20	HV	0.0011
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	-50	NV	0.0017
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	-20	NV	0.0006
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	-10	NV	-0.0017
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	0	NV	0.0017
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	10	NV	-0.0011
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	20	NV	0.0017
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	30	NV	-0.0014
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	40	NV	-0.0008
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	50	NV	-0.0003
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	55	NV	-0.0006
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	20	LV	-0.0025
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	20	HV	0
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	-50	NV	-0.003
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	-20	NV	-0.0008
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	-10	NV	-0.0008
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	0	NV	-0.0008
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	10	NV	-0.0006
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	20	NV	-0.0014
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	30	NV	-0.0025
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	40	NV	-0.0008
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	50	NV	-0.0036
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	55	NV	0.0025
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	20	LV	0.0003
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	20	HV	0.0003
DFT-s-OFDM QPSK	3660	644000	80	216	0	-50	NV	-0.0008
DFT-s-OFDM QPSK	3660	644000	80	216	0	-20	NV	0.003
DFT-s-OFDM QPSK	3660	644000	80	216	0	-10	NV	0.0008
DFT-s-OFDM QPSK	3660	644000	80	216	0	0	NV	0.0057
DFT-s-OFDM QPSK	3660	644000	80	216	0	10	NV	0.0038
DFT-s-OFDM QPSK	3660	644000	80	216	0	20	NV	0.0005
DFT-s-OFDM QPSK	3660	644000	80	216	0	30	NV	0.0016
DFT-s-OFDM QPSK	3660	644000	80	216	0	40	NV	0.0016
DFT-s-OFDM QPSK	3660	644000	80	216	0	50	NV	0.0041

DFT-s-OFDM QPSK	3660	644000	80	216	0	55	NV	0.0038
DFT-s-OFDM QPSK	3660	644000	80	216	0	20	LV	0.0041
DFT-s-OFDM QPSK	3660	644000	80	216	0	20	HV	0.0038
DFT-s-OFDM QPSK	3600	640000	100	270	0	-50	NV	-0.0014
DFT-s-OFDM QPSK	3600	640000	100	270	0	-20	NV	-0.005
DFT-s-OFDM QPSK	3600	640000	100	270	0	-10	NV	-0.0042
DFT-s-OFDM QPSK	3600	640000	100	270	0	0	NV	-0.0031
DFT-s-OFDM QPSK	3600	640000	100	270	0	10	NV	-0.0042
DFT-s-OFDM QPSK	3600	640000	100	270	0	20	NV	-0.0017
DFT-s-OFDM QPSK	3600	640000	100	270	0	30	NV	-0.0025
DFT-s-OFDM QPSK	3600	640000	100	270	0	40	NV	-0.0031
DFT-s-OFDM QPSK	3600	640000	100	270	0	50	NV	-0.0047
DFT-s-OFDM QPSK	3600	640000	100	270	0	55	NV	-0.0003
DFT-s-OFDM QPSK	3600	640000	100	270	0	20	LV	-0.0025
DFT-s-OFDM QPSK	3600	640000	100	270	0	20	HV	-0.0033
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	-50	NV	-0.0061
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	-20	NV	-0.0041
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	-10	NV	-0.0008
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	0	NV	-0.0028
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	10	NV	-0.0022
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	20	NV	-0.0003
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	30	NV	-0.0003
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	40	NV	-0.0011
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	50	NV	0.0003
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	55	NV	0.0003
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	20	LV	0.0017
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	20	HV	-0.003
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	-50	NV	-0.0005
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	-20	NV	-0.0033
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	-10	NV	0
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	0	NV	-0.0033
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	10	NV	0
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	20	NV	-0.0016
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	30	NV	-0.0005
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	40	NV	-0.0019
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	50	NV	-0.0003
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	55	NV	0.0014
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	20	LV	-0.0016
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	20	HV	-0.0005

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	3560.01	637334	20	25	12	21.76	24.71	0.296
DFT-s-OFDM PI/2 BPSK	3560.01	637334	20	1	1	21.51	24.46	0.279
DFT-s-OFDM PI/2 BPSK	3560.01	637334	20	1	49	21.35	24.30	0.269
DFT-s-OFDM PI/2 BPSK	3560.01	637334	20	50	0	21.79	24.74	0.298
DFT-s-OFDM QPSK	3560.01	637334	20	25	12	24.24	27.19	0.524
DFT-s-OFDM QPSK	3560.01	637334	20	1	1	24.34	27.29	0.536
DFT-s-OFDM QPSK	3560.01	637334	20	1	49	24.27	27.22	0.527
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	23.28	26.23	0.420
DFT-s-OFDM 16QAM	3560.01	637334	20	25	12	23.32	26.27	0.424
DFT-s-OFDM 16QAM	3560.01	637334	20	1	1	23.42	26.37	0.434
DFT-s-OFDM 16QAM	3560.01	637334	20	1	49	23.24	26.19	0.416
DFT-s-OFDM 16QAM	3560.01	637334	20	50	0	22.26	25.21	0.332
DFT-s-OFDM 64QAM	3560.01	637334	20	25	12	21.73	24.68	0.294
DFT-s-OFDM 64QAM	3560.01	637334	20	1	1	21.52	24.47	0.280
DFT-s-OFDM 64QAM	3560.01	637334	20	1	49	21.33	24.28	0.268
DFT-s-OFDM 64QAM	3560.01	637334	20	50	0	21.79	24.74	0.298
DFT-s-OFDM 256QAM	3560.01	637334	20	25	12	19.66	22.61	0.182
DFT-s-OFDM 256QAM	3560.01	637334	20	1	1	19.80	22.75	0.188
DFT-s-OFDM 256QAM	3560.01	637334	20	1	49	19.66	22.61	0.182
DFT-s-OFDM 256QAM	3560.01	637334	20	50	0	19.80	22.75	0.188
CP-OFDM QPSK	3560.01	637334	20	25	12	22.80	25.75	0.376
CP-OFDM QPSK	3560.01	637334	20	1	1	23.10	26.05	0.403
CP-OFDM QPSK	3560.01	637334	20	1	49	22.81	25.76	0.377
CP-OFDM QPSK	3560.01	637334	20	51	0	21.29	24.24	0.265
CP-OFDM 16QAM	3560.01	637334	20	25	12	22.28	25.23	0.333
CP-OFDM 16QAM	3560.01	637334	20	1	1	22.49	25.44	0.350
CP-OFDM 16QAM	3560.01	637334	20	1	49	22.34	25.29	0.338
CP-OFDM 16QAM	3560.01	637334	20	51	0	21.34	24.29	0.269
CP-OFDM 64QAM	3560.01	637334	20	25	12	20.88	23.83	0.242
CP-OFDM 64QAM	3560.01	637334	20	1	1	20.60	23.55	0.226
CP-OFDM 64QAM	3560.01	637334	20	1	49	20.44	23.39	0.218
CP-OFDM 64QAM	3560.01	637334	20	51	0	20.80	23.75	0.237
CP-OFDM 256QAM	3560.01	637334	20	25	12	17.79	20.74	0.119
CP-OFDM 256QAM	3560.01	637334	20	1	1	17.89	20.84	0.121
CP-OFDM 256QAM	3560.01	637334	20	1	49	17.83	20.78	0.120
CP-OFDM 256QAM	3560.01	637334	20	51	0	17.87	20.82	0.121
DFT-s-OFDM PI/2 BPSK	3624.99	641666	20	25	12	19.71	22.66	0.185
DFT-s-OFDM PI/2 BPSK	3624.99	641666	20	1	1	19.74	22.69	0.186
DFT-s-OFDM PI/2 BPSK	3624.99	641666	20	1	49	19.55	22.50	0.178
DFT-s-OFDM PI/2 BPSK	3624.99	641666	20	50	0	19.70	22.65	0.184
DFT-s-OFDM QPSK	3624.99	641666	20	25	12	24.24	27.19	0.524
DFT-s-OFDM QPSK	3624.99	641666	20	1	1	24.35	27.30	0.537
DFT-s-OFDM QPSK	3624.99	641666	20	1	49	24.27	27.22	0.527

DFT-s-OFDM QPSK	3624.99	641666	20	50	0	23.31	26.26	0.423
DFT-s-OFDM 16QAM	3624.99	641666	20	25	12	23.23	26.18	0.415
DFT-s-OFDM 16QAM	3624.99	641666	20	1	1	23.42	26.37	0.434
DFT-s-OFDM 16QAM	3624.99	641666	20	1	49	23.28	26.23	0.420
DFT-s-OFDM 16QAM	3624.99	641666	20	50	0	22.29	25.24	0.334
DFT-s-OFDM 64QAM	3624.99	641666	20	25	12	21.78	24.73	0.297
DFT-s-OFDM 64QAM	3624.99	641666	20	1	1	21.40	24.35	0.272
DFT-s-OFDM 64QAM	3624.99	641666	20	1	49	21.35	24.30	0.269
DFT-s-OFDM 64QAM	3624.99	641666	20	50	0	21.72	24.67	0.293
DFT-s-OFDM 256QAM	3624.99	641666	20	25	12	19.69	22.64	0.184
DFT-s-OFDM 256QAM	3624.99	641666	20	1	1	19.67	22.62	0.183
DFT-s-OFDM 256QAM	3624.99	641666	20	1	49	19.71	22.66	0.185
DFT-s-OFDM 256QAM	3624.99	641666	20	50	0	19.73	22.68	0.185
CP-OFDM QPSK	3624.99	641666	20	25	12	22.75	25.70	0.372
CP-OFDM QPSK	3624.99	641666	20	1	1	22.79	25.74	0.375
CP-OFDM QPSK	3624.99	641666	20	1	49	22.90	25.85	0.385
CP-OFDM QPSK	3624.99	641666	20	51	0	21.29	24.24	0.265
CP-OFDM 16QAM	3624.99	641666	20	25	12	22.34	25.29	0.338
CP-OFDM 16QAM	3624.99	641666	20	1	1	22.31	25.26	0.336
CP-OFDM 16QAM	3624.99	641666	20	1	49	22.28	25.23	0.333
CP-OFDM 16QAM	3624.99	641666	20	51	0	21.31	24.26	0.267
CP-OFDM 64QAM	3624.99	641666	20	25	12	20.77	23.72	0.236
CP-OFDM 64QAM	3624.99	641666	20	1	1	20.45	23.40	0.219
CP-OFDM 64QAM	3624.99	641666	20	1	49	20.39	23.34	0.216
CP-OFDM 64QAM	3624.99	641666	20	51	0	20.83	23.78	0.239
CP-OFDM 256QAM	3624.99	641666	20	25	12	17.72	20.67	0.117
CP-OFDM 256QAM	3624.99	641666	20	1	1	17.84	20.79	0.120
CP-OFDM 256QAM	3624.99	641666	20	1	49	17.78	20.73	0.118
CP-OFDM 256QAM	3624.99	641666	20	51	0	17.76	20.71	0.118
DFT-s-OFDM PI/2 BPSK	3690	646000	20	25	12	19.55	22.50	0.178
DFT-s-OFDM PI/2 BPSK	3690	646000	20	1	1	19.50	22.45	0.176
DFT-s-OFDM PI/2 BPSK	3690	646000	20	1	49	19.50	22.45	0.176
DFT-s-OFDM PI/2 BPSK	3690	646000	20	50	0	19.52	22.47	0.177
DFT-s-OFDM QPSK	3690	646000	20	25	12	23.99	26.94	0.494
DFT-s-OFDM QPSK	3690	646000	20	1	1	24.10	27.05	0.507
DFT-s-OFDM QPSK	3690	646000	20	1	49	24.05	27.00	0.501
DFT-s-OFDM QPSK	3690	646000	20	50	0	23.14	26.09	0.406
DFT-s-OFDM 16QAM	3690	646000	20	25	12	23.07	26.02	0.400
DFT-s-OFDM 16QAM	3690	646000	20	1	1	23.09	26.04	0.402
DFT-s-OFDM 16QAM	3690	646000	20	1	49	23.15	26.10	0.407
DFT-s-OFDM 16QAM	3690	646000	20	50	0	22.11	25.06	0.321
DFT-s-OFDM 64QAM	3690	646000	20	25	12	21.58	24.53	0.284
DFT-s-OFDM 64QAM	3690	646000	20	1	1	21.27	24.22	0.264
DFT-s-OFDM 64QAM	3690	646000	20	1	49	21.21	24.16	0.261
DFT-s-OFDM 64QAM	3690	646000	20	50	0	21.54	24.49	0.281

DFT-s-OFDM 256QAM	3690	646000	20	25	12	19.50	22.45	0.176
DFT-s-OFDM 256QAM	3690	646000	20	1	1	19.52	22.47	0.177
DFT-s-OFDM 256QAM	3690	646000	20	1	49	19.53	22.48	0.177
DFT-s-OFDM 256QAM	3690	646000	20	50	0	19.49	22.44	0.175
CP-OFDM QPSK	3690	646000	20	25	12	22.53	25.48	0.353
CP-OFDM QPSK	3690	646000	20	1	1	22.71	25.66	0.368
CP-OFDM QPSK	3690	646000	20	1	49	22.53	25.48	0.353
CP-OFDM QPSK	3690	646000	20	51	0	21.05	24.00	0.251
CP-OFDM 16QAM	3690	646000	20	25	12	22.14	25.09	0.323
CP-OFDM 16QAM	3690	646000	20	1	1	22.31	25.26	0.336
CP-OFDM 16QAM	3690	646000	20	1	49	22.32	25.27	0.337
CP-OFDM 16QAM	3690	646000	20	51	0	21.10	24.05	0.254
CP-OFDM 64QAM	3690	646000	20	25	12	20.59	23.54	0.226
CP-OFDM 64QAM	3690	646000	20	1	1	20.29	23.24	0.211
CP-OFDM 64QAM	3690	646000	20	1	49	20.28	23.23	0.210
CP-OFDM 64QAM	3690	646000	20	51	0	20.56	23.51	0.224
CP-OFDM 256QAM	3690	646000	20	25	12	17.56	20.51	0.112
CP-OFDM 256QAM	3690	646000	20	1	1	17.59	20.54	0.113
CP-OFDM 256QAM	3690	646000	20	1	49	17.49	20.44	0.111
CP-OFDM 256QAM	3690	646000	20	51	0	17.54	20.49	0.112

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	3565.02	637668	30	36	18	19.74	22.69	0.186
DFT-s-OFDM PI/2 BPSK	3565.02	637668	30	1	1	19.76	22.71	0.187
DFT-s-OFDM PI/2 BPSK	3565.02	637668	30	1	76	19.56	22.51	0.178
DFT-s-OFDM PI/2 BPSK	3565.02	637668	30	75	0	19.73	22.68	0.185
DFT-s-OFDM QPSK	3565.02	637668	30	36	18	24.25	27.20	0.525
DFT-s-OFDM QPSK	3565.02	637668	30	1	1	24.53	27.48	0.560
DFT-s-OFDM QPSK	3565.02	637668	30	1	76	24.20	27.15	0.519
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	23.30	26.25	0.422
DFT-s-OFDM 16QAM	3565.02	637668	30	36	18	23.27	26.22	0.419
DFT-s-OFDM 16QAM	3565.02	637668	30	1	1	23.50	26.45	0.442
DFT-s-OFDM 16QAM	3565.02	637668	30	1	76	23.13	26.08	0.406
DFT-s-OFDM 16QAM	3565.02	637668	30	75	0	22.29	25.24	0.334
DFT-s-OFDM 64QAM	3565.02	637668	30	36	18	21.66	24.61	0.289
DFT-s-OFDM 64QAM	3565.02	637668	30	1	1	21.56	24.51	0.282
DFT-s-OFDM 64QAM	3565.02	637668	30	1	76	21.29	24.24	0.265
DFT-s-OFDM 64QAM	3565.02	637668	30	75	0	21.78	24.73	0.297
DFT-s-OFDM 256QAM	3565.02	637668	30	36	18	19.71	22.66	0.185
DFT-s-OFDM 256QAM	3565.02	637668	30	1	1	19.91	22.86	0.193
DFT-s-OFDM 256QAM	3565.02	637668	30	1	76	19.51	22.46	0.176
DFT-s-OFDM 256QAM	3565.02	637668	30	75	0	19.78	22.73	0.187
CP-OFDM QPSK	3565.02	637668	30	39	19	22.72	25.67	0.369
CP-OFDM QPSK	3565.02	637668	30	1	1	22.97	25.92	0.391
CP-OFDM QPSK	3565.02	637668	30	1	76	22.63	25.58	0.361

CP-OFDM QPSK	3565.02	637668	30	78	0	21.21	24.16	0.261
CP-OFDM 16QAM	3565.02	637668	30	39	19	22.22	25.17	0.329
CP-OFDM 16QAM	3565.02	637668	30	1	1	22.52	25.47	0.352
CP-OFDM 16QAM	3565.02	637668	30	1	76	22.18	25.13	0.326
CP-OFDM 16QAM	3565.02	637668	30	78	0	21.26	24.21	0.264
CP-OFDM 64QAM	3565.02	637668	30	39	19	20.77	23.72	0.236
CP-OFDM 64QAM	3565.02	637668	30	1	1	20.51	23.46	0.222
CP-OFDM 64QAM	3565.02	637668	30	1	76	20.24	23.19	0.208
CP-OFDM 64QAM	3565.02	637668	30	78	0	20.79	23.74	0.237
CP-OFDM 256QAM	3565.02	637668	30	39	19	17.69	20.64	0.116
CP-OFDM 256QAM	3565.02	637668	30	1	1	17.94	20.89	0.123
CP-OFDM 256QAM	3565.02	637668	30	1	76	17.60	20.55	0.114
CP-OFDM 256QAM	3565.02	637668	30	78	0	17.82	20.77	0.119
DFT-s-OFDM PI/2 BPSK	3624.99	641666	30	36	18	19.74	22.69	0.186
DFT-s-OFDM PI/2 BPSK	3624.99	641666	30	1	1	19.85	22.80	0.191
DFT-s-OFDM PI/2 BPSK	3624.99	641666	30	1	76	19.61	22.56	0.180
DFT-s-OFDM PI/2 BPSK	3624.99	641666	30	75	0	19.74	22.69	0.186
DFT-s-OFDM QPSK	3624.99	641666	30	36	18	24.24	27.19	0.524
DFT-s-OFDM QPSK	3624.99	641666	30	1	1	24.52	27.47	0.558
DFT-s-OFDM QPSK	3624.99	641666	30	1	76	24.15	27.10	0.513
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	23.31	26.26	0.423
DFT-s-OFDM 16QAM	3624.99	641666	30	36	18	23.25	26.20	0.417
DFT-s-OFDM 16QAM	3624.99	641666	30	1	1	23.59	26.54	0.451
DFT-s-OFDM 16QAM	3624.99	641666	30	1	76	23.22	26.17	0.414
DFT-s-OFDM 16QAM	3624.99	641666	30	75	0	22.26	25.21	0.332
DFT-s-OFDM 64QAM	3624.99	641666	30	36	18	21.74	24.69	0.294
DFT-s-OFDM 64QAM	3624.99	641666	30	1	1	21.64	24.59	0.288
DFT-s-OFDM 64QAM	3624.99	641666	30	1	76	21.30	24.25	0.266
DFT-s-OFDM 64QAM	3624.99	641666	30	75	0	21.77	24.72	0.296
DFT-s-OFDM 256QAM	3624.99	641666	30	36	18	19.80	22.75	0.188
DFT-s-OFDM 256QAM	3624.99	641666	30	1	1	19.84	22.79	0.190
DFT-s-OFDM 256QAM	3624.99	641666	30	1	76	19.63	22.58	0.181
DFT-s-OFDM 256QAM	3624.99	641666	30	75	0	19.76	22.71	0.187
CP-OFDM QPSK	3624.99	641666	30	39	19	22.71	25.66	0.368
CP-OFDM QPSK	3624.99	641666	30	1	1	23.15	26.10	0.407
CP-OFDM QPSK	3624.99	641666	30	1	76	22.74	25.69	0.371
CP-OFDM QPSK	3624.99	641666	30	78	0	21.30	24.25	0.266
CP-OFDM 16QAM	3624.99	641666	30	39	19	22.32	25.27	0.337
CP-OFDM 16QAM	3624.99	641666	30	1	1	22.63	25.58	0.361
CP-OFDM 16QAM	3624.99	641666	30	1	76	22.24	25.19	0.330
CP-OFDM 16QAM	3624.99	641666	30	78	0	21.22	24.17	0.261
CP-OFDM 64QAM	3624.99	641666	30	39	19	20.82	23.77	0.238
CP-OFDM 64QAM	3624.99	641666	30	1	1	20.62	23.57	0.228
CP-OFDM 64QAM	3624.99	641666	30	1	76	20.37	23.32	0.215
CP-OFDM 64QAM	3624.99	641666	30	78	0	20.87	23.82	0.241

CP-OFDM 256QAM	3624.99	641666	30	39	19	17.78	20.73	0.118
CP-OFDM 256QAM	3624.99	641666	30	1	1	18.01	20.96	0.125
CP-OFDM 256QAM	3624.99	641666	30	1	76	17.67	20.62	0.115
CP-OFDM 256QAM	3624.99	641666	30	78	0	17.87	20.82	0.121
DFT-s-OFDM PI/2 BPSK	3684.99	645666	30	36	18	19.56	22.51	0.178
DFT-s-OFDM PI/2 BPSK	3684.99	645666	30	1	1	19.77	22.72	0.187
DFT-s-OFDM PI/2 BPSK	3684.99	645666	30	1	76	19.49	22.44	0.175
DFT-s-OFDM PI/2 BPSK	3684.99	645666	30	75	0	19.69	22.64	0.184
DFT-s-OFDM QPSK	3684.99	645666	30	36	18	24.14	27.09	0.512
DFT-s-OFDM QPSK	3684.99	645666	30	1	1	24.25	27.20	0.525
DFT-s-OFDM QPSK	3684.99	645666	30	1	76	24.07	27.02	0.504
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	23.18	26.13	0.410
DFT-s-OFDM 16QAM	3684.99	645666	30	36	18	23.17	26.12	0.409
DFT-s-OFDM 16QAM	3684.99	645666	30	1	1	23.37	26.32	0.429
DFT-s-OFDM 16QAM	3684.99	645666	30	1	76	23.19	26.14	0.411
DFT-s-OFDM 16QAM	3684.99	645666	30	75	0	22.18	25.13	0.326
DFT-s-OFDM 64QAM	3684.99	645666	30	36	18	21.63	24.58	0.287
DFT-s-OFDM 64QAM	3684.99	645666	30	1	1	21.54	24.49	0.281
DFT-s-OFDM 64QAM	3684.99	645666	30	1	76	21.21	24.16	0.261
DFT-s-OFDM 64QAM	3684.99	645666	30	75	0	21.65	24.60	0.288
DFT-s-OFDM 256QAM	3684.99	645666	30	36	18	19.62	22.57	0.181
DFT-s-OFDM 256QAM	3684.99	645666	30	1	1	19.77	22.72	0.187
DFT-s-OFDM 256QAM	3684.99	645666	30	1	76	19.49	22.44	0.175
DFT-s-OFDM 256QAM	3684.99	645666	30	75	0	19.65	22.60	0.182
CP-OFDM QPSK	3684.99	645666	30	39	19	22.64	25.59	0.362
CP-OFDM QPSK	3684.99	645666	30	1	1	22.94	25.89	0.388
CP-OFDM QPSK	3684.99	645666	30	1	76	22.47	25.42	0.348
CP-OFDM QPSK	3684.99	645666	30	78	0	21.20	24.15	0.260
CP-OFDM 16QAM	3684.99	645666	30	39	19	22.15	25.10	0.324
CP-OFDM 16QAM	3684.99	645666	30	1	1	22.49	25.44	0.350
CP-OFDM 16QAM	3684.99	645666	30	1	76	21.99	24.94	0.312
CP-OFDM 16QAM	3684.99	645666	30	78	0	21.10	24.05	0.254
CP-OFDM 64QAM	3684.99	645666	30	39	19	20.74	23.69	0.234
CP-OFDM 64QAM	3684.99	645666	30	1	1	20.45	23.40	0.219
CP-OFDM 64QAM	3684.99	645666	30	1	76	20.13	23.08	0.203
CP-OFDM 64QAM	3684.99	645666	30	78	0	20.69	23.64	0.231
CP-OFDM 256QAM	3684.99	645666	30	39	19	17.68	20.63	0.116
CP-OFDM 256QAM	3684.99	645666	30	1	1	17.88	20.83	0.121
CP-OFDM 256QAM	3684.99	645666	30	1	76	17.42	20.37	0.109
CP-OFDM 256QAM	3684.99	645666	30	78	0	17.72	20.67	0.117

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	3570	638000	40	50	25	19.76	22.71	0.187
DFT-s-OFDM PI/2 BPSK	3570	638000	40	1	1	19.75	22.70	0.186
DFT-s-OFDM PI/2 BPSK	3570	638000	40	1	104	19.74	22.69	0.186

DFT-s-OFDM PI/2 BPSK	3570	638000	40	100	0	19.77	22.72	0.187
DFT-s-OFDM QPSK	3570	638000	40	50	25	24.24	27.19	0.524
DFT-s-OFDM QPSK	3570	638000	40	1	1	24.34	27.29	0.536
DFT-s-OFDM QPSK	3570	638000	40	1	104	24.21	27.16	0.520
DFT-s-OFDM QPSK	3570	638000	40	100	0	23.30	26.25	0.422
DFT-s-OFDM 16QAM	3570	638000	40	50	25	23.25	26.20	0.417
DFT-s-OFDM 16QAM	3570	638000	40	1	1	23.44	26.39	0.436
DFT-s-OFDM 16QAM	3570	638000	40	1	104	23.30	26.25	0.422
DFT-s-OFDM 16QAM	3570	638000	40	100	0	22.27	25.22	0.333
DFT-s-OFDM 64QAM	3570	638000	40	50	25	21.79	24.74	0.298
DFT-s-OFDM 64QAM	3570	638000	40	1	1	21.52	24.47	0.280
DFT-s-OFDM 64QAM	3570	638000	40	1	104	21.37	24.32	0.270
DFT-s-OFDM 64QAM	3570	638000	40	100	0	21.83	24.78	0.301
DFT-s-OFDM 256QAM	3570	638000	40	50	25	19.76	22.71	0.187
DFT-s-OFDM 256QAM	3570	638000	40	1	1	19.95	22.90	0.195
DFT-s-OFDM 256QAM	3570	638000	40	1	104	19.67	22.62	0.183
DFT-s-OFDM 256QAM	3570	638000	40	100	0	19.82	22.77	0.189
CP-OFDM QPSK	3570	638000	40	53	26	22.80	25.75	0.376
CP-OFDM QPSK	3570	638000	40	1	1	22.76	25.71	0.372
CP-OFDM QPSK	3570	638000	40	1	104	22.77	25.72	0.373
CP-OFDM QPSK	3570	638000	40	106	0	21.22	24.17	0.261
CP-OFDM 16QAM	3570	638000	40	53	26	22.35	25.30	0.339
CP-OFDM 16QAM	3570	638000	40	1	1	22.40	25.35	0.343
CP-OFDM 16QAM	3570	638000	40	1	104	22.19	25.14	0.327
CP-OFDM 16QAM	3570	638000	40	106	0	21.29	24.24	0.265
CP-OFDM 64QAM	3570	638000	40	53	26	20.85	23.80	0.240
CP-OFDM 64QAM	3570	638000	40	1	1	20.47	23.42	0.220
CP-OFDM 64QAM	3570	638000	40	1	104	20.36	23.31	0.214
CP-OFDM 64QAM	3570	638000	40	106	0	20.83	23.78	0.239
CP-OFDM 256QAM	3570	638000	40	53	26	17.86	20.81	0.121
CP-OFDM 256QAM	3570	638000	40	1	1	17.88	20.83	0.121
CP-OFDM 256QAM	3570	638000	40	1	104	17.52	20.47	0.111
CP-OFDM 256QAM	3570	638000	40	106	0	17.83	20.78	0.120
DFT-s-OFDM PI/2 BPSK	3624.99	641666	40	50	25	19.79	22.74	0.188
DFT-s-OFDM PI/2 BPSK	3624.99	641666	40	1	1	19.93	22.88	0.194
DFT-s-OFDM PI/2 BPSK	3624.99	641666	40	1	104	19.43	22.38	0.173
DFT-s-OFDM PI/2 BPSK	3624.99	641666	40	100	0	19.72	22.67	0.185
DFT-s-OFDM QPSK	3624.99	641666	40	50	25	24.25	27.20	0.525
DFT-s-OFDM QPSK	3624.99	641666	40	1	1	24.43	27.38	0.547
DFT-s-OFDM QPSK	3624.99	641666	40	1	104	24.04	26.99	0.500
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	23.30	26.25	0.422
DFT-s-OFDM 16QAM	3624.99	641666	40	50	25	23.27	26.22	0.419
DFT-s-OFDM 16QAM	3624.99	641666	40	1	1	23.40	26.35	0.432
DFT-s-OFDM 16QAM	3624.99	641666	40	1	104	23.12	26.07	0.405
DFT-s-OFDM 16QAM	3624.99	641666	40	100	0	22.27	25.22	0.333

DFT-s-OFDM 64QAM	3624.99	641666	40	50	25	21.83	24.78	0.301
DFT-s-OFDM 64QAM	3624.99	641666	40	1	1	21.59	24.54	0.284
DFT-s-OFDM 64QAM	3624.99	641666	40	1	104	21.21	24.16	0.261
DFT-s-OFDM 64QAM	3624.99	641666	40	100	0	21.83	24.78	0.301
DFT-s-OFDM 256QAM	3624.99	641666	40	50	25	19.82	22.77	0.189
DFT-s-OFDM 256QAM	3624.99	641666	40	1	1	19.79	22.74	0.188
DFT-s-OFDM 256QAM	3624.99	641666	40	1	104	19.51	22.46	0.176
DFT-s-OFDM 256QAM	3624.99	641666	40	100	0	19.82	22.77	0.189
CP-OFDM QPSK	3624.99	641666	40	53	26	22.74	25.69	0.371
CP-OFDM QPSK	3624.99	641666	40	1	1	23.06	26.01	0.399
CP-OFDM QPSK	3624.99	641666	40	1	104	22.67	25.62	0.365
CP-OFDM QPSK	3624.99	641666	40	106	0	21.26	24.21	0.264
CP-OFDM 16QAM	3624.99	641666	40	53	26	22.30	25.25	0.335
CP-OFDM 16QAM	3624.99	641666	40	1	1	22.66	25.61	0.364
CP-OFDM 16QAM	3624.99	641666	40	1	104	22.24	25.19	0.330
CP-OFDM 16QAM	3624.99	641666	40	106	0	21.33	24.28	0.268
CP-OFDM 64QAM	3624.99	641666	40	53	26	20.85	23.80	0.240
CP-OFDM 64QAM	3624.99	641666	40	1	1	20.59	23.54	0.226
CP-OFDM 64QAM	3624.99	641666	40	1	104	20.25	23.20	0.209
CP-OFDM 64QAM	3624.99	641666	40	106	0	20.80	23.75	0.237
CP-OFDM 256QAM	3624.99	641666	40	53	26	17.76	20.71	0.118
CP-OFDM 256QAM	3624.99	641666	40	1	1	17.78	20.73	0.118
CP-OFDM 256QAM	3624.99	641666	40	1	104	17.52	20.47	0.111
CP-OFDM 256QAM	3624.99	641666	40	106	0	17.78	20.73	0.118
DFT-s-OFDM PI/2 BPSK	3679.98	645332	40	50	25	19.70	22.65	0.184
DFT-s-OFDM PI/2 BPSK	3679.98	645332	40	1	1	19.66	22.61	0.182
DFT-s-OFDM PI/2 BPSK	3679.98	645332	40	1	104	19.33	22.28	0.169
DFT-s-OFDM PI/2 BPSK	3679.98	645332	40	100	0	19.64	22.59	0.182
DFT-s-OFDM QPSK	3679.98	645332	40	50	25	24.22	27.17	0.521
DFT-s-OFDM QPSK	3679.98	645332	40	1	1	24.25	27.20	0.525
DFT-s-OFDM QPSK	3679.98	645332	40	1	104	23.87	26.82	0.481
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	23.22	26.17	0.414
DFT-s-OFDM 16QAM	3679.98	645332	40	50	25	23.14	26.09	0.406
DFT-s-OFDM 16QAM	3679.98	645332	40	1	1	23.41	26.36	0.433
DFT-s-OFDM 16QAM	3679.98	645332	40	1	104	22.86	25.81	0.381
DFT-s-OFDM 16QAM	3679.98	645332	40	100	0	22.16	25.11	0.324
DFT-s-OFDM 64QAM	3679.98	645332	40	50	25	21.69	24.64	0.291
DFT-s-OFDM 64QAM	3679.98	645332	40	1	1	21.36	24.31	0.270
DFT-s-OFDM 64QAM	3679.98	645332	40	1	104	21.02	23.97	0.249
DFT-s-OFDM 64QAM	3679.98	645332	40	100	0	21.75	24.70	0.295
DFT-s-OFDM 256QAM	3679.98	645332	40	50	25	19.66	22.61	0.182
DFT-s-OFDM 256QAM	3679.98	645332	40	1	1	19.63	22.58	0.181
DFT-s-OFDM 256QAM	3679.98	645332	40	1	104	19.23	22.18	0.165
DFT-s-OFDM 256QAM	3679.98	645332	40	100	0	19.68	22.63	0.183
CP-OFDM QPSK	3679.98	645332	40	53	26	22.60	25.55	0.359

CP-OFDM QPSK	3679.98	645332	40	1	1	22.80	25.75	0.376
CP-OFDM QPSK	3679.98	645332	40	1	104	22.47	25.42	0.348
CP-OFDM QPSK	3679.98	645332	40	106	0	21.15	24.10	0.257
CP-OFDM 16QAM	3679.98	645332	40	53	26	22.17	25.12	0.325
CP-OFDM 16QAM	3679.98	645332	40	1	1	22.35	25.30	0.339
CP-OFDM 16QAM	3679.98	645332	40	1	104	22.05	25.00	0.316
CP-OFDM 16QAM	3679.98	645332	40	106	0	21.20	24.15	0.260
CP-OFDM 64QAM	3679.98	645332	40	53	26	20.71	23.66	0.232
CP-OFDM 64QAM	3679.98	645332	40	1	1	20.43	23.38	0.218
CP-OFDM 64QAM	3679.98	645332	40	1	104	20.03	22.98	0.199
CP-OFDM 64QAM	3679.98	645332	40	106	0	20.62	23.57	0.228
CP-OFDM 256QAM	3679.98	645332	40	53	26	17.62	20.57	0.114
CP-OFDM 256QAM	3679.98	645332	40	1	1	17.80	20.75	0.119
CP-OFDM 256QAM	3679.98	645332	40	1	104	17.45	20.40	0.110
CP-OFDM 256QAM	3679.98	645332	40	106	0	17.60	20.55	0.114

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	3580.02	638668	60	81	40	19.57	22.52	0.179
DFT-s-OFDM PI/2 BPSK	3580.02	638668	60	1	1	19.60	22.55	0.180
DFT-s-OFDM PI/2 BPSK	3580.02	638668	60	1	160	19.76	22.71	0.187
DFT-s-OFDM PI/2 BPSK	3580.02	638668	60	162	0	19.73	22.68	0.185
DFT-s-OFDM QPSK	3580.02	638668	60	81	40	24.07	27.02	0.504
DFT-s-OFDM QPSK	3580.02	638668	60	1	1	24.04	26.99	0.500
DFT-s-OFDM QPSK	3580.02	638668	60	1	160	24.36	27.31	0.538
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	23.22	26.17	0.414
DFT-s-OFDM 16QAM	3580.02	638668	60	81	40	23.11	26.06	0.404
DFT-s-OFDM 16QAM	3580.02	638668	60	1	1	23.13	26.08	0.406
DFT-s-OFDM 16QAM	3580.02	638668	60	1	160	23.36	26.31	0.428
DFT-s-OFDM 16QAM	3580.02	638668	60	162	0	22.17	25.12	0.325
DFT-s-OFDM 64QAM	3580.02	638668	60	81	40	21.54	24.49	0.281
DFT-s-OFDM 64QAM	3580.02	638668	60	1	1	21.16	24.11	0.258
DFT-s-OFDM 64QAM	3580.02	638668	60	1	160	21.40	24.35	0.272
DFT-s-OFDM 64QAM	3580.02	638668	60	162	0	21.65	24.60	0.288
DFT-s-OFDM 256QAM	3580.02	638668	60	81	40	19.64	22.59	0.182
DFT-s-OFDM 256QAM	3580.02	638668	60	1	1	19.51	22.46	0.176
DFT-s-OFDM 256QAM	3580.02	638668	60	1	160	19.81	22.76	0.189
DFT-s-OFDM 256QAM	3580.02	638668	60	162	0	19.61	22.56	0.180
CP-OFDM QPSK	3580.02	638668	60	81	40	22.59	25.54	0.358
CP-OFDM QPSK	3580.02	638668	60	1	1	22.70	25.65	0.367
CP-OFDM QPSK	3580.02	638668	60	1	160	22.91	25.86	0.385
CP-OFDM QPSK	3580.02	638668	60	162	0	21.20	24.15	0.260
CP-OFDM 16QAM	3580.02	638668	60	81	40	22.14	25.09	0.323
CP-OFDM 16QAM	3580.02	638668	60	1	1	22.18	25.13	0.326
CP-OFDM 16QAM	3580.02	638668	60	1	160	22.46	25.41	0.348
CP-OFDM 16QAM	3580.02	638668	60	162	0	21.12	24.07	0.255

CP-OFDM 64QAM	3580.02	638668	60	81	40	20.66	23.61	0.230
CP-OFDM 64QAM	3580.02	638668	60	1	1	20.22	23.17	0.207
CP-OFDM 64QAM	3580.02	638668	60	1	160	20.50	23.45	0.221
CP-OFDM 64QAM	3580.02	638668	60	162	0	20.68	23.63	0.231
CP-OFDM 256QAM	3580.02	638668	60	81	40	17.83	20.78	0.120
CP-OFDM 256QAM	3580.02	638668	60	1	1	17.55	20.50	0.112
CP-OFDM 256QAM	3580.02	638668	60	1	160	17.92	20.87	0.122
CP-OFDM 256QAM	3580.02	638668	60	162	0	17.73	20.68	0.117
DFT-s-OFDM PI/2 BPSK	3624.99	641666	60	81	40	19.69	22.64	0.184
DFT-s-OFDM PI/2 BPSK	3624.99	641666	60	1	1	19.59	22.54	0.179
DFT-s-OFDM PI/2 BPSK	3624.99	641666	60	1	160	19.65	22.60	0.182
DFT-s-OFDM PI/2 BPSK	3624.99	641666	60	162	0	19.73	22.68	0.185
DFT-s-OFDM QPSK	3624.99	641666	60	81	40	24.15	27.10	0.513
DFT-s-OFDM QPSK	3624.99	641666	60	1	1	24.16	27.11	0.514
DFT-s-OFDM QPSK	3624.99	641666	60	1	160	24.22	27.17	0.521
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	23.20	26.15	0.412
DFT-s-OFDM 16QAM	3624.99	641666	60	81	40	23.16	26.11	0.408
DFT-s-OFDM 16QAM	3624.99	641666	60	1	1	23.22	26.17	0.414
DFT-s-OFDM 16QAM	3624.99	641666	60	1	160	23.32	26.27	0.424
DFT-s-OFDM 16QAM	3624.99	641666	60	162	0	22.15	25.10	0.324
DFT-s-OFDM 64QAM	3624.99	641666	60	81	40	21.59	24.54	0.284
DFT-s-OFDM 64QAM	3624.99	641666	60	1	1	21.27	24.22	0.264
DFT-s-OFDM 64QAM	3624.99	641666	60	1	160	21.36	24.31	0.270
DFT-s-OFDM 64QAM	3624.99	641666	60	162	0	21.65	24.60	0.288
DFT-s-OFDM 256QAM	3624.99	641666	60	81	40	19.67	22.62	0.183
DFT-s-OFDM 256QAM	3624.99	641666	60	1	1	19.41	22.36	0.172
DFT-s-OFDM 256QAM	3624.99	641666	60	1	160	19.54	22.49	0.177
DFT-s-OFDM 256QAM	3624.99	641666	60	162	0	19.69	22.64	0.184
CP-OFDM QPSK	3624.99	641666	60	81	40	22.59	25.54	0.358
CP-OFDM QPSK	3624.99	641666	60	1	1	22.71	25.66	0.368
CP-OFDM QPSK	3624.99	641666	60	1	160	22.68	25.63	0.366
CP-OFDM QPSK	3624.99	641666	60	162	0	21.16	24.11	0.258
CP-OFDM 16QAM	3624.99	641666	60	81	40	22.15	25.10	0.324
CP-OFDM 16QAM	3624.99	641666	60	1	1	22.19	25.14	0.327
CP-OFDM 16QAM	3624.99	641666	60	1	160	22.21	25.16	0.328
CP-OFDM 16QAM	3624.99	641666	60	162	0	21.09	24.04	0.254
CP-OFDM 64QAM	3624.99	641666	60	81	40	20.77	23.72	0.236
CP-OFDM 64QAM	3624.99	641666	60	1	1	20.27	23.22	0.210
CP-OFDM 64QAM	3624.99	641666	60	1	160	20.36	23.31	0.214
CP-OFDM 64QAM	3624.99	641666	60	162	0	20.74	23.69	0.234
CP-OFDM 256QAM	3624.99	641666	60	81	40	17.63	20.58	0.114
CP-OFDM 256QAM	3624.99	641666	60	1	1	17.71	20.66	0.116
CP-OFDM 256QAM	3624.99	641666	60	1	160	17.60	20.55	0.114
CP-OFDM 256QAM	3624.99	641666	60	162	0	17.74	20.69	0.117
DFT-s-OFDM PI/2 BPSK	3669.99	644666	60	81	40	23.31	26.26	0.423

DFT-s-OFDM PI/2 BPSK	3669.99	644666	60	1	1	24.01	26.96	0.497
DFT-s-OFDM PI/2 BPSK	3669.99	644666	60	1	160	24.13	27.08	0.511
DFT-s-OFDM PI/2 BPSK	3669.99	644666	60	162	0	23.32	26.27	0.424
DFT-s-OFDM QPSK	3669.99	644666	60	81	40	24.31	27.26	0.532
DFT-s-OFDM QPSK	3669.99	644666	60	1	1	24.03	26.98	0.499
DFT-s-OFDM QPSK	3669.99	644666	60	1	160	24.09	27.04	0.506
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	23.32	26.27	0.424
DFT-s-OFDM 16QAM	3669.99	644666	60	81	40	23.31	26.26	0.423
DFT-s-OFDM 16QAM	3669.99	644666	60	1	1	23.18	26.13	0.410
DFT-s-OFDM 16QAM	3669.99	644666	60	1	160	23.28	26.23	0.420
DFT-s-OFDM 16QAM	3669.99	644666	60	162	0	22.27	25.22	0.333
DFT-s-OFDM 64QAM	3669.99	644666	60	81	40	21.86	24.81	0.303
DFT-s-OFDM 64QAM	3669.99	644666	60	1	1	21.25	24.20	0.263
DFT-s-OFDM 64QAM	3669.99	644666	60	1	160	21.23	24.18	0.262
DFT-s-OFDM 64QAM	3669.99	644666	60	162	0	21.81	24.76	0.299
DFT-s-OFDM 256QAM	3669.99	644666	60	81	40	19.84	22.79	0.190
DFT-s-OFDM 256QAM	3669.99	644666	60	1	1	19.51	22.46	0.176
DFT-s-OFDM 256QAM	3669.99	644666	60	1	160	19.53	22.48	0.177
DFT-s-OFDM 256QAM	3669.99	644666	60	162	0	19.77	22.72	0.187
CP-OFDM QPSK	3669.99	644666	60	81	40	22.77	25.72	0.373
CP-OFDM QPSK	3669.99	644666	60	1	1	22.72	25.67	0.369
CP-OFDM QPSK	3669.99	644666	60	1	160	22.65	25.60	0.363
CP-OFDM QPSK	3669.99	644666	60	162	0	21.20	24.15	0.260
CP-OFDM 16QAM	3669.99	644666	60	81	40	22.17	25.12	0.325
CP-OFDM 16QAM	3669.99	644666	60	1	1	22.18	25.13	0.326
CP-OFDM 16QAM	3669.99	644666	60	1	160	22.36	25.31	0.340
CP-OFDM 16QAM	3669.99	644666	60	162	0	21.23	24.18	0.262
CP-OFDM 64QAM	3669.99	644666	60	81	40	20.95	23.90	0.245
CP-OFDM 64QAM	3669.99	644666	60	1	1	20.16	23.11	0.205
CP-OFDM 64QAM	3669.99	644666	60	1	160	20.31	23.26	0.212
CP-OFDM 64QAM	3669.99	644666	60	162	0	20.67	23.62	0.230
CP-OFDM 256QAM	3669.99	644666	60	81	40	17.92	20.87	0.122
CP-OFDM 256QAM	3669.99	644666	60	1	1	17.56	20.51	0.112
CP-OFDM 256QAM	3669.99	644666	60	1	160	17.67	20.62	0.115
CP-OFDM 256QAM	3669.99	644666	60	162	0	17.73	20.68	0.117

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	3590.01	639334	80	108	54	19.66	22.61	0.182
DFT-s-OFDM PI/2 BPSK	3590.01	639334	80	1	1	19.50	22.45	0.176
DFT-s-OFDM PI/2 BPSK	3590.01	639334	80	1	215	19.37	22.32	0.171
DFT-s-OFDM PI/2 BPSK	3590.01	639334	80	216	0	19.63	22.58	0.181
DFT-s-OFDM QPSK	3590.01	639334	80	108	54	24.24	27.19	0.524
DFT-s-OFDM QPSK	3590.01	639334	80	1	1	24.06	27.01	0.502
DFT-s-OFDM QPSK	3590.01	639334	80	1	215	24.01	26.96	0.497
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	23.21	26.16	0.413

DFT-s-OFDM 16QAM	3590.01	639334	80	108	54	23.27	26.22	0.419
DFT-s-OFDM 16QAM	3590.01	639334	80	1	1	23.20	26.15	0.412
DFT-s-OFDM 16QAM	3590.01	639334	80	1	215	23.20	26.15	0.412
DFT-s-OFDM 16QAM	3590.01	639334	80	216	0	22.17	25.12	0.325
DFT-s-OFDM 64QAM	3590.01	639334	80	108	54	21.76	24.71	0.296
DFT-s-OFDM 64QAM	3590.01	639334	80	1	1	21.26	24.21	0.264
DFT-s-OFDM 64QAM	3590.01	639334	80	1	215	21.15	24.10	0.257
DFT-s-OFDM 64QAM	3590.01	639334	80	216	0	21.79	24.74	0.298
DFT-s-OFDM 256QAM	3590.01	639334	80	108	54	19.69	22.64	0.184
DFT-s-OFDM 256QAM	3590.01	639334	80	1	1	19.64	22.59	0.182
DFT-s-OFDM 256QAM	3590.01	639334	80	1	215	19.46	22.41	0.174
DFT-s-OFDM 256QAM	3590.01	639334	80	216	0	19.61	22.56	0.180
CP-OFDM QPSK	3590.01	639334	80	109	54	22.67	25.62	0.365
CP-OFDM QPSK	3590.01	639334	80	1	1	22.61	25.56	0.360
CP-OFDM QPSK	3590.01	639334	80	1	215	22.45	25.40	0.347
CP-OFDM QPSK	3590.01	639334	80	217	0	21.15	24.10	0.257
CP-OFDM 16QAM	3590.01	639334	80	109	54	22.25	25.20	0.331
CP-OFDM 16QAM	3590.01	639334	80	1	1	22.34	25.29	0.338
CP-OFDM 16QAM	3590.01	639334	80	1	215	22.07	25.02	0.318
CP-OFDM 16QAM	3590.01	639334	80	217	0	21.23	24.18	0.262
CP-OFDM 64QAM	3590.01	639334	80	109	54	20.71	23.66	0.232
CP-OFDM 64QAM	3590.01	639334	80	1	1	20.31	23.26	0.212
CP-OFDM 64QAM	3590.01	639334	80	1	215	20.21	23.16	0.207
CP-OFDM 64QAM	3590.01	639334	80	217	0	20.68	23.63	0.231
CP-OFDM 256QAM	3590.01	639334	80	109	54	17.78	20.73	0.118
CP-OFDM 256QAM	3590.01	639334	80	1	1	17.65	20.60	0.115
CP-OFDM 256QAM	3590.01	639334	80	1	215	17.45	20.40	0.110
CP-OFDM 256QAM	3590.01	639334	80	217	0	17.75	20.70	0.117
DFT-s-OFDM PI/2 BPSK	3624.99	641666	80	108	54	19.60	22.55	0.180
DFT-s-OFDM PI/2 BPSK	3624.99	641666	80	1	1	19.46	22.41	0.174
DFT-s-OFDM PI/2 BPSK	3624.99	641666	80	1	215	19.67	22.62	0.183
DFT-s-OFDM PI/2 BPSK	3624.99	641666	80	216	0	19.62	22.57	0.181
DFT-s-OFDM QPSK	3624.99	641666	80	108	54	24.07	27.02	0.504
DFT-s-OFDM QPSK	3624.99	641666	80	1	1	24.10	27.05	0.507
DFT-s-OFDM QPSK	3624.99	641666	80	1	215	24.34	27.29	0.536
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	23.10	26.05	0.403
DFT-s-OFDM 16QAM	3624.99	641666	80	108	54	23.12	26.07	0.405
DFT-s-OFDM 16QAM	3624.99	641666	80	1	1	23.15	26.10	0.407
DFT-s-OFDM 16QAM	3624.99	641666	80	1	215	23.32	26.27	0.424
DFT-s-OFDM 16QAM	3624.99	641666	80	216	0	22.08	25.03	0.318
DFT-s-OFDM 64QAM	3624.99	641666	80	108	54	21.66	24.61	0.289
DFT-s-OFDM 64QAM	3624.99	641666	80	1	1	21.22	24.17	0.261
DFT-s-OFDM 64QAM	3624.99	641666	80	1	215	21.47	24.42	0.277
DFT-s-OFDM 64QAM	3624.99	641666	80	216	0	21.72	24.67	0.293
DFT-s-OFDM 256QAM	3624.99	641666	80	108	54	19.59	22.54	0.179

DFT-s-OFDM 256QAM	3624.99	641666	80	1	1	19.52	22.47	0.177
DFT-s-OFDM 256QAM	3624.99	641666	80	1	215	19.68	22.63	0.183
DFT-s-OFDM 256QAM	3624.99	641666	80	216	0	19.54	22.49	0.177
CP-OFDM QPSK	3624.99	641666	80	109	54	22.57	25.52	0.356
CP-OFDM QPSK	3624.99	641666	80	1	1	22.53	25.48	0.353
CP-OFDM QPSK	3624.99	641666	80	1	215	22.81	25.76	0.377
CP-OFDM QPSK	3624.99	641666	80	217	0	21.12	24.07	0.255
CP-OFDM 16QAM	3624.99	641666	80	109	54	22.13	25.08	0.322
CP-OFDM 16QAM	3624.99	641666	80	1	1	22.05	25.00	0.316
CP-OFDM 16QAM	3624.99	641666	80	1	215	22.39	25.34	0.342
CP-OFDM 16QAM	3624.99	641666	80	217	0	21.04	23.99	0.251
CP-OFDM 64QAM	3624.99	641666	80	109	54	20.58	23.53	0.225
CP-OFDM 64QAM	3624.99	641666	80	1	1	20.17	23.12	0.205
CP-OFDM 64QAM	3624.99	641666	80	1	215	20.45	23.40	0.219
CP-OFDM 64QAM	3624.99	641666	80	217	0	20.66	23.61	0.230
CP-OFDM 256QAM	3624.99	641666	80	109	54	17.62	20.57	0.114
CP-OFDM 256QAM	3624.99	641666	80	1	1	17.58	20.53	0.113
CP-OFDM 256QAM	3624.99	641666	80	1	215	17.77	20.72	0.118
CP-OFDM 256QAM	3624.99	641666	80	217	0	17.63	20.58	0.114
DFT-s-OFDM PI/2 BPSK	3660	644000	80	108	54	19.80	22.75	0.188
DFT-s-OFDM PI/2 BPSK	3660	644000	80	1	1	19.54	22.49	0.177
DFT-s-OFDM PI/2 BPSK	3660	644000	80	1	215	19.46	22.41	0.174
DFT-s-OFDM PI/2 BPSK	3660	644000	80	216	0	19.77	22.72	0.187
DFT-s-OFDM QPSK	3660	644000	80	108	54	24.37	27.32	0.540
DFT-s-OFDM QPSK	3660	644000	80	1	1	24.23	27.18	0.522
DFT-s-OFDM QPSK	3660	644000	80	1	215	24.17	27.12	0.515
DFT-s-OFDM QPSK	3660	644000	80	216	0	23.28	26.23	0.420
DFT-s-OFDM 16QAM	3660	644000	80	108	54	23.31	26.26	0.423
DFT-s-OFDM 16QAM	3660	644000	80	1	1	23.27	26.22	0.419
DFT-s-OFDM 16QAM	3660	644000	80	1	215	23.12	26.07	0.405
DFT-s-OFDM 16QAM	3660	644000	80	216	0	22.26	25.21	0.332
DFT-s-OFDM 64QAM	3660	644000	80	108	54	21.82	24.77	0.300
DFT-s-OFDM 64QAM	3660	644000	80	1	1	21.32	24.27	0.267
DFT-s-OFDM 64QAM	3660	644000	80	1	215	21.28	24.23	0.265
DFT-s-OFDM 64QAM	3660	644000	80	216	0	21.78	24.73	0.297
DFT-s-OFDM 256QAM	3660	644000	80	108	54	19.83	22.78	0.190
DFT-s-OFDM 256QAM	3660	644000	80	1	1	19.59	22.54	0.179
DFT-s-OFDM 256QAM	3660	644000	80	1	215	19.54	22.49	0.177
DFT-s-OFDM 256QAM	3660	644000	80	216	0	19.73	22.68	0.185
CP-OFDM QPSK	3660	644000	80	109	54	22.80	25.75	0.376
CP-OFDM QPSK	3660	644000	80	1	1	22.65	25.60	0.363
CP-OFDM QPSK	3660	644000	80	1	215	22.71	25.66	0.368
CP-OFDM QPSK	3660	644000	80	217	0	21.31	24.26	0.267
CP-OFDM 16QAM	3660	644000	80	109	54	22.37	25.32	0.340
CP-OFDM 16QAM	3660	644000	80	1	1	22.38	25.33	0.341

CP-OFDM 16QAM	3660	644000	80	1	215	22.19	25.14	0.327
CP-OFDM 16QAM	3660	644000	80	217	0	21.25	24.20	0.263
CP-OFDM 64QAM	3660	644000	80	109	54	20.81	23.76	0.238
CP-OFDM 64QAM	3660	644000	80	1	1	20.35	23.30	0.214
CP-OFDM 64QAM	3660	644000	80	1	215	20.30	23.25	0.211
CP-OFDM 64QAM	3660	644000	80	217	0	20.87	23.82	0.241
CP-OFDM 256QAM	3660	644000	80	109	54	17.92	20.87	0.122
CP-OFDM 256QAM	3660	644000	80	1	1	17.65	20.60	0.115
CP-OFDM 256QAM	3660	644000	80	1	215	17.67	20.62	0.115
CP-OFDM 256QAM	3660	644000	80	217	0	17.91	20.86	0.122

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	3600	640000	100	135	67	19.53	22.48	0.177
DFT-s-OFDM PI/2 BPSK	3600	640000	100	1	1	19.65	22.60	0.182
DFT-s-OFDM PI/2 BPSK	3600	640000	100	1	271	19.38	22.33	0.171
DFT-s-OFDM PI/2 BPSK	3600	640000	100	270	0	19.55	22.50	0.178
DFT-s-OFDM QPSK	3600	640000	100	135	67	24.15	27.10	0.513
DFT-s-OFDM QPSK	3600	640000	100	1	1	24.12	27.07	0.509
DFT-s-OFDM QPSK	3600	640000	100	1	271	24.08	27.03	0.505
DFT-s-OFDM QPSK	3600	640000	100	270	0	23.07	26.02	0.400
DFT-s-OFDM 16QAM	3600	640000	100	135	67	23.24	26.19	0.416
DFT-s-OFDM 16QAM	3600	640000	100	1	1	23.26	26.21	0.418
DFT-s-OFDM 16QAM	3600	640000	100	1	271	23.18	26.13	0.410
DFT-s-OFDM 16QAM	3600	640000	100	270	0	22.05	25.00	0.316
DFT-s-OFDM 64QAM	3600	640000	100	135	67	21.78	24.73	0.297
DFT-s-OFDM 64QAM	3600	640000	100	1	1	21.33	24.28	0.268
DFT-s-OFDM 64QAM	3600	640000	100	1	271	21.23	24.18	0.262
DFT-s-OFDM 64QAM	3600	640000	100	270	0	21.52	24.47	0.280
DFT-s-OFDM 256QAM	3600	640000	100	135	67	19.73	22.68	0.185
DFT-s-OFDM 256QAM	3600	640000	100	1	1	19.47	22.42	0.175
DFT-s-OFDM 256QAM	3600	640000	100	1	271	19.54	22.49	0.177
DFT-s-OFDM 256QAM	3600	640000	100	270	0	19.56	22.51	0.178
CP-OFDM QPSK	3600	640000	100	137	68	22.61	25.56	0.360
CP-OFDM QPSK	3600	640000	100	1	1	22.65	25.60	0.363
CP-OFDM QPSK	3600	640000	100	1	271	22.67	25.62	0.365
CP-OFDM QPSK	3600	640000	100	273	0	21.04	23.99	0.251
CP-OFDM 16QAM	3600	640000	100	137	68	22.15	25.10	0.324
CP-OFDM 16QAM	3600	640000	100	1	1	22.30	25.25	0.335
CP-OFDM 16QAM	3600	640000	100	1	271	22.23	25.18	0.330
CP-OFDM 16QAM	3600	640000	100	273	0	21.06	24.01	0.252
CP-OFDM 64QAM	3600	640000	100	137	68	20.61	23.56	0.227
CP-OFDM 64QAM	3600	640000	100	1	1	20.29	23.24	0.211
CP-OFDM 64QAM	3600	640000	100	1	271	20.19	23.14	0.206
CP-OFDM 64QAM	3600	640000	100	273	0	20.62	23.57	0.228
CP-OFDM 256QAM	3600	640000	100	137	68	17.66	20.61	0.115

CP-OFDM 256QAM	3600	640000	100	1	1	17.74	20.69	0.117
CP-OFDM 256QAM	3600	640000	100	1	271	17.47	20.42	0.110
CP-OFDM 256QAM	3600	640000	100	273	0	17.56	20.51	0.112
DFT-s-OFDM PI/2 BPSK	3624.99	641666	100	135	67	19.63	22.58	0.181
DFT-s-OFDM PI/2 BPSK	3624.99	641666	100	1	1	19.48	22.43	0.175
DFT-s-OFDM PI/2 BPSK	3624.99	641666	100	1	271	19.59	22.54	0.179
DFT-s-OFDM PI/2 BPSK	3624.99	641666	100	270	0	19.65	22.60	0.182
DFT-s-OFDM QPSK	3624.99	641666	100	135	67	24.12	27.07	0.509
DFT-s-OFDM QPSK	3624.99	641666	100	1	1	23.97	26.92	0.492
DFT-s-OFDM QPSK	3624.99	641666	100	1	271	24.11	27.06	0.508
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	23.16	26.11	0.408
DFT-s-OFDM 16QAM	3624.99	641666	100	135	67	23.12	26.07	0.405
DFT-s-OFDM 16QAM	3624.99	641666	100	1	1	23.04	25.99	0.397
DFT-s-OFDM 16QAM	3624.99	641666	100	1	271	23.12	26.07	0.405
DFT-s-OFDM 16QAM	3624.99	641666	100	270	0	22.22	25.17	0.329
DFT-s-OFDM 64QAM	3624.99	641666	100	135	67	21.67	24.62	0.290
DFT-s-OFDM 64QAM	3624.99	641666	100	1	1	21.08	24.03	0.253
DFT-s-OFDM 64QAM	3624.99	641666	100	1	271	21.25	24.20	0.263
DFT-s-OFDM 64QAM	3624.99	641666	100	270	0	21.70	24.65	0.292
DFT-s-OFDM 256QAM	3624.99	641666	100	135	67	19.76	22.71	0.187
DFT-s-OFDM 256QAM	3624.99	641666	100	1	1	19.37	22.32	0.171
DFT-s-OFDM 256QAM	3624.99	641666	100	1	271	19.52	22.47	0.177
DFT-s-OFDM 256QAM	3624.99	641666	100	270	0	19.59	22.54	0.179
CP-OFDM QPSK	3624.99	641666	100	137	68	22.63	25.58	0.361
CP-OFDM QPSK	3624.99	641666	100	1	1	22.59	25.54	0.358
CP-OFDM QPSK	3624.99	641666	100	1	271	22.55	25.50	0.355
CP-OFDM QPSK	3624.99	641666	100	273	0	21.12	24.07	0.255
CP-OFDM 16QAM	3624.99	641666	100	137	68	22.13	25.08	0.322
CP-OFDM 16QAM	3624.99	641666	100	1	1	22.13	25.08	0.322
CP-OFDM 16QAM	3624.99	641666	100	1	271	22.31	25.26	0.336
CP-OFDM 16QAM	3624.99	641666	100	273	0	21.23	24.18	0.262
CP-OFDM 64QAM	3624.99	641666	100	137	68	20.65	23.60	0.229
CP-OFDM 64QAM	3624.99	641666	100	1	1	20.14	23.09	0.204
CP-OFDM 64QAM	3624.99	641666	100	1	271	20.25	23.20	0.209
CP-OFDM 64QAM	3624.99	641666	100	273	0	20.64	23.59	0.229
CP-OFDM 256QAM	3624.99	641666	100	137	68	17.75	20.70	0.117
CP-OFDM 256QAM	3624.99	641666	100	1	1	17.38	20.33	0.108
CP-OFDM 256QAM	3624.99	641666	100	1	271	17.68	20.63	0.116
CP-OFDM 256QAM	3624.99	641666	100	273	0	17.63	20.58	0.114
DFT-s-OFDM PI/2 BPSK	3649.98	643332	100	135	67	19.80	22.75	0.188
DFT-s-OFDM PI/2 BPSK	3649.98	643332	100	1	1	19.97	22.92	0.196
DFT-s-OFDM PI/2 BPSK	3649.98	643332	100	1	271	19.50	22.45	0.176
DFT-s-OFDM PI/2 BPSK	3649.98	643332	100	270	0	19.84	22.79	0.190
DFT-s-OFDM QPSK	3649.98	643332	100	135	67	24.35	27.30	0.537
DFT-s-OFDM QPSK	3649.98	643332	100	1	1	24.49	27.44	0.555

DFT-s-OFDM QPSK	3649.98	643332	100	1	271	24.19	27.14	0.518
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	23.36	26.31	0.428
DFT-s-OFDM 16QAM	3649.98	643332	100	135	67	23.35	26.30	0.427
DFT-s-OFDM 16QAM	3649.98	643332	100	1	1	23.65	26.60	0.457
DFT-s-OFDM 16QAM	3649.98	643332	100	1	271	23.27	26.22	0.419
DFT-s-OFDM 16QAM	3649.98	643332	100	270	0	22.33	25.28	0.337
DFT-s-OFDM 64QAM	3649.98	643332	100	135	67	21.80	24.75	0.299
DFT-s-OFDM 64QAM	3649.98	643332	100	1	1	21.65	24.60	0.288
DFT-s-OFDM 64QAM	3649.98	643332	100	1	271	21.30	24.25	0.266
DFT-s-OFDM 64QAM	3649.98	643332	100	270	0	21.85	24.80	0.302
DFT-s-OFDM 256QAM	3649.98	643332	100	135	67	19.95	22.90	0.195
DFT-s-OFDM 256QAM	3649.98	643332	100	1	1	19.83	22.78	0.190
DFT-s-OFDM 256QAM	3649.98	643332	100	1	271	19.57	22.52	0.179
DFT-s-OFDM 256QAM	3649.98	643332	100	270	0	19.76	22.71	0.187
CP-OFDM QPSK	3649.98	643332	100	137	68	22.78	25.73	0.374
CP-OFDM QPSK	3649.98	643332	100	1	1	22.88	25.83	0.383
CP-OFDM QPSK	3649.98	643332	100	1	271	22.63	25.58	0.361
CP-OFDM QPSK	3649.98	643332	100	273	0	21.36	24.31	0.270
CP-OFDM 16QAM	3649.98	643332	100	137	68	22.30	25.25	0.335
CP-OFDM 16QAM	3649.98	643332	100	1	1	22.66	25.61	0.364
CP-OFDM 16QAM	3649.98	643332	100	1	271	22.24	25.19	0.330
CP-OFDM 16QAM	3649.98	643332	100	273	0	21.38	24.33	0.271
CP-OFDM 64QAM	3649.98	643332	100	137	68	20.79	23.74	0.237
CP-OFDM 64QAM	3649.98	643332	100	1	1	20.66	23.61	0.230
CP-OFDM 64QAM	3649.98	643332	100	1	271	20.23	23.18	0.208
CP-OFDM 64QAM	3649.98	643332	100	273	0	20.81	23.76	0.238
CP-OFDM 256QAM	3649.98	643332	100	137	68	17.87	20.82	0.121
CP-OFDM 256QAM	3649.98	643332	100	1	1	17.99	20.94	0.124
CP-OFDM 256QAM	3649.98	643332	100	1	271	17.73	20.68	0.117
CP-OFDM 256QAM	3649.98	643332	100	273	0	17.91	20.86	0.122