

Fig.61

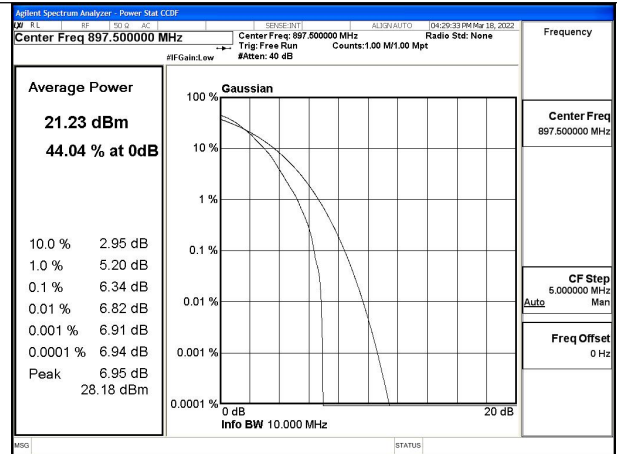


Fig.62

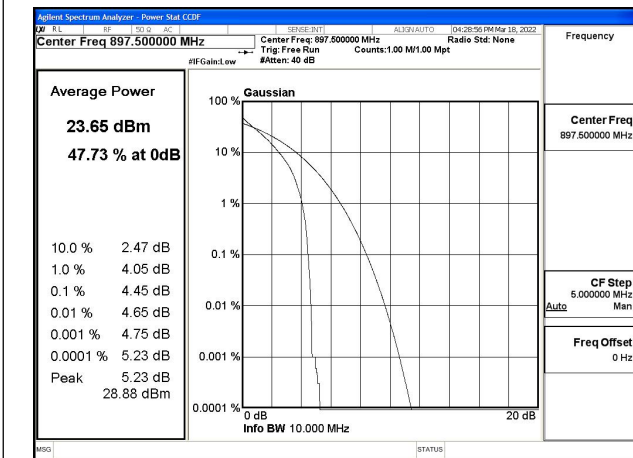


Fig.63

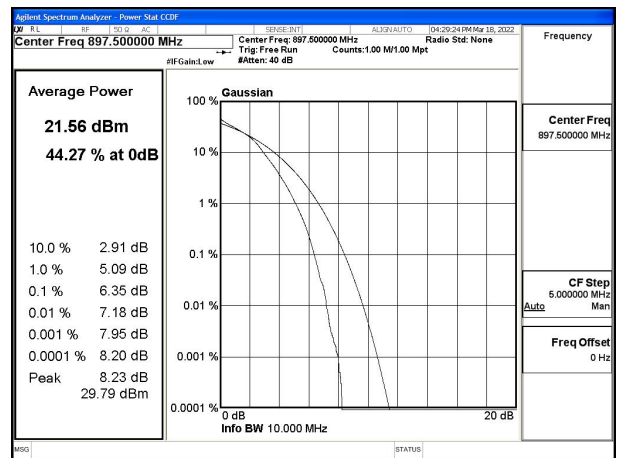


Fig.64

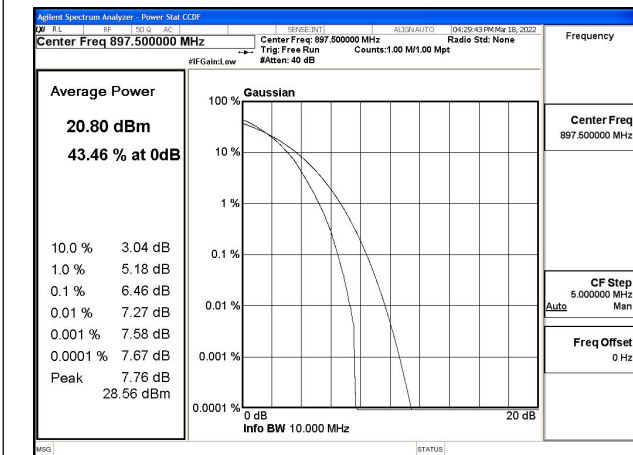


Fig.65

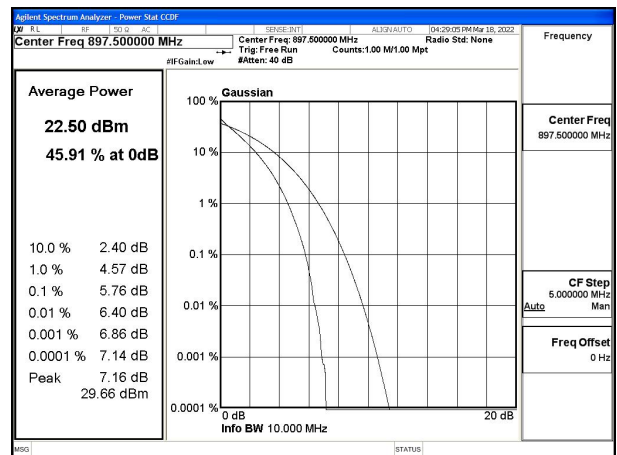


Fig.66

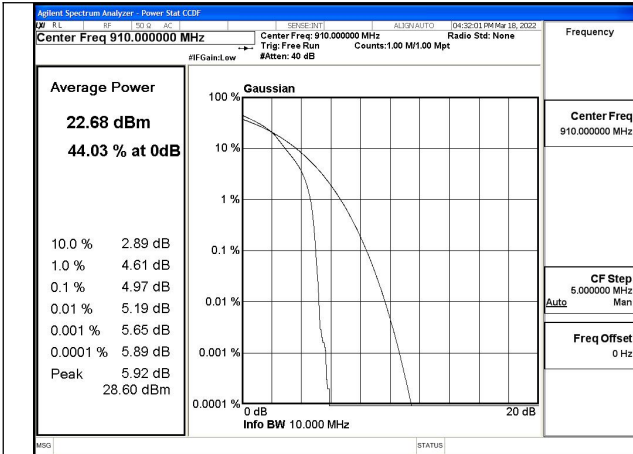


Fig.67

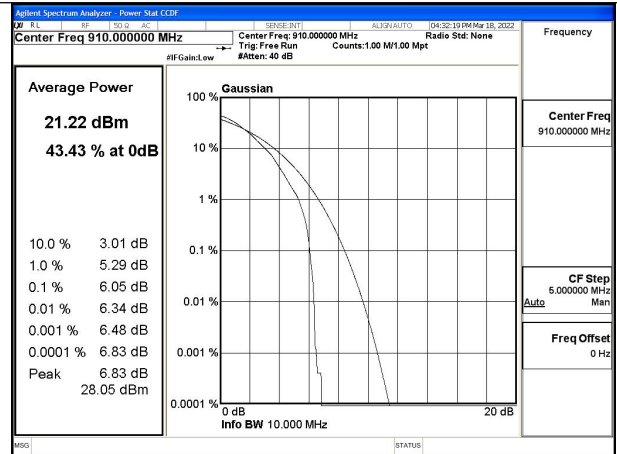


Fig.68

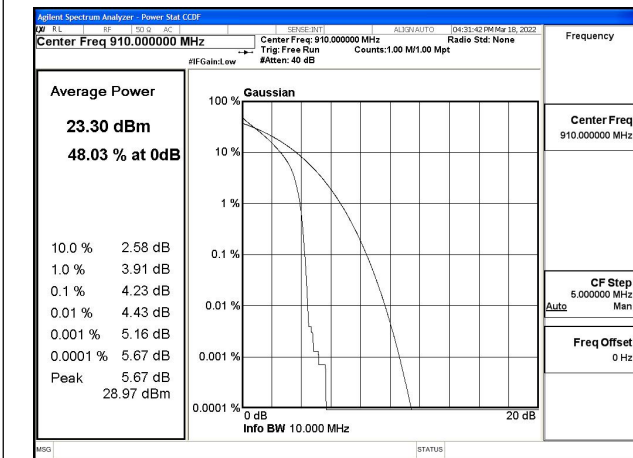


Fig.69

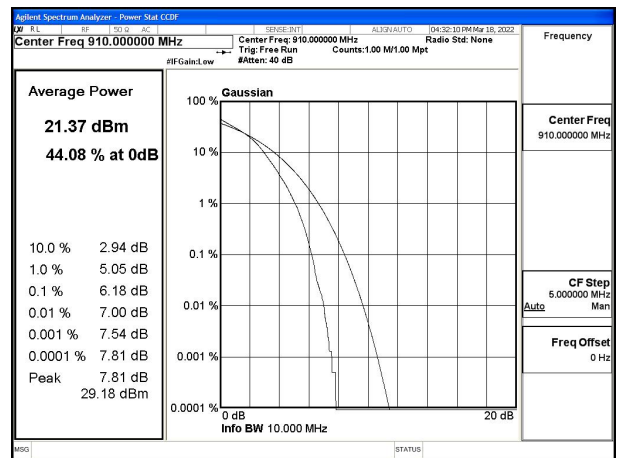


Fig.70

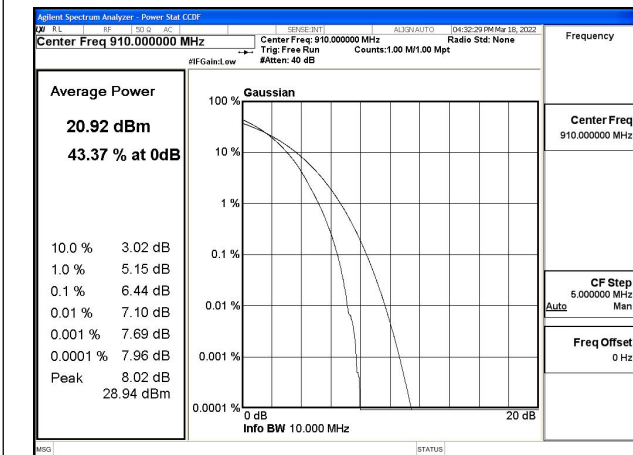


Fig.71

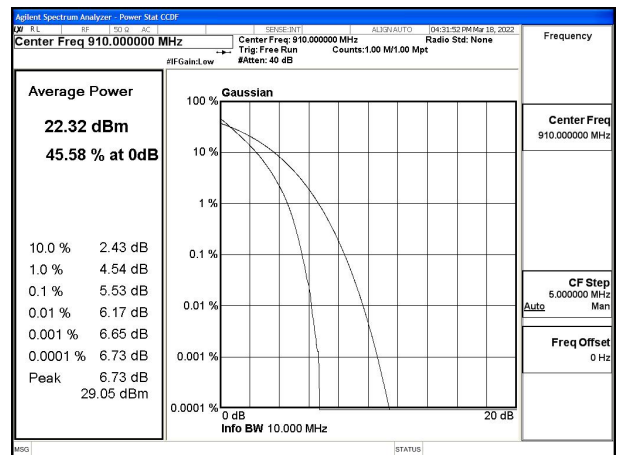


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
8	885	21500	10	1	0	Fig.1
8	897.5	21625	10	1	0	Fig.2
8	910	21750	10	1	0	Fig.3

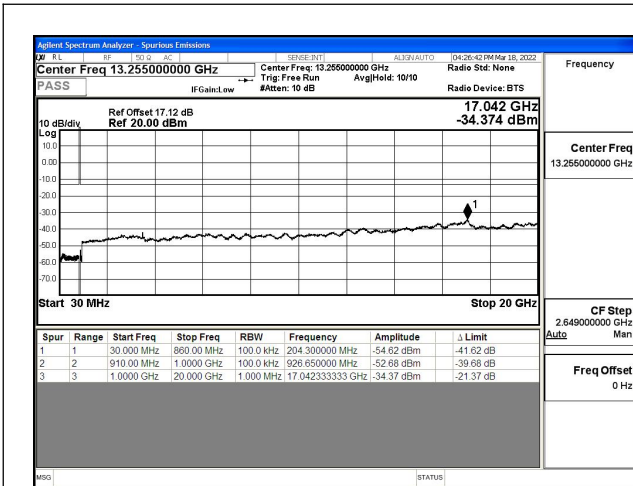


Fig.1

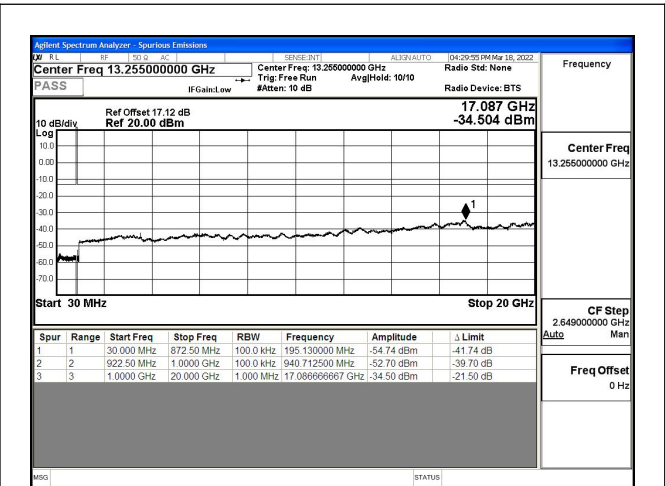


Fig.2

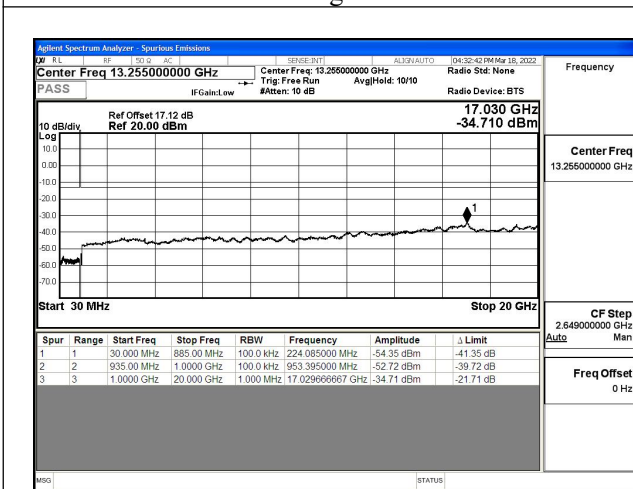


Fig.3

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
8	QPSK	880.7	21457	1.4	1	0	Fig.1
8	QPSK	880.7	21457	1.4	6	0	Fig.2
8	QPSK	914.3	21793	1.4	1	5	Fig.3
8	QPSK	914.3	21793	1.4	6	0	Fig.4
8	QPSK	881.5	21465	3	1	0	Fig.5
8	QPSK	881.5	21465	3	15	0	Fig.6
8	QPSK	913.5	21785	3	1	14	Fig.7
8	QPSK	913.5	21785	3	15	0	Fig.8
8	QPSK	882.5	21475	5	1	0	Fig.9
8	QPSK	882.5	21475	5	25	0	Fig.10
8	QPSK	912.5	21775	5	1	24	Fig.11
8	QPSK	912.5	21775	5	25	0	Fig.12
8	QPSK	885	21500	10	1	0	Fig.13
8	QPSK	885	21500	10	50	0	Fig.14
8	QPSK	910	21750	10	1	49	Fig.15
8	QPSK	910	21750	10	50	0	Fig.16

Test Mode: QPSK

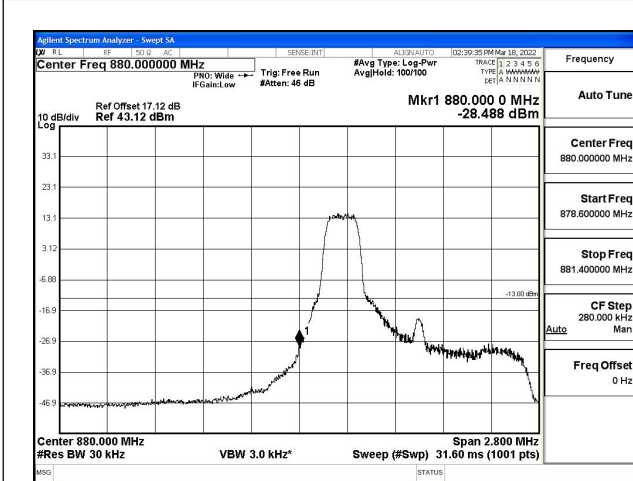


Fig.1

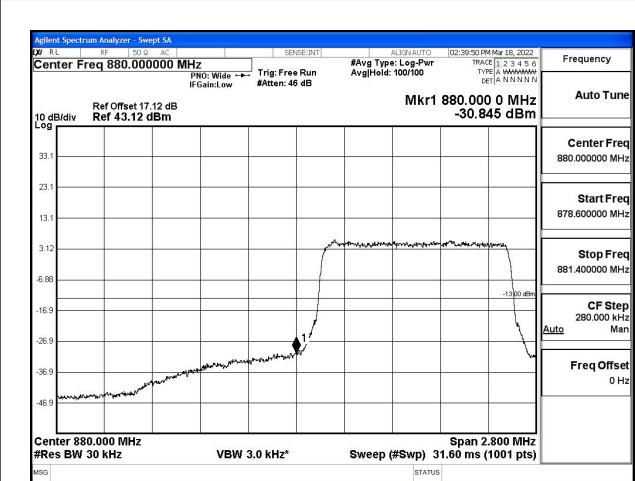


Fig.2

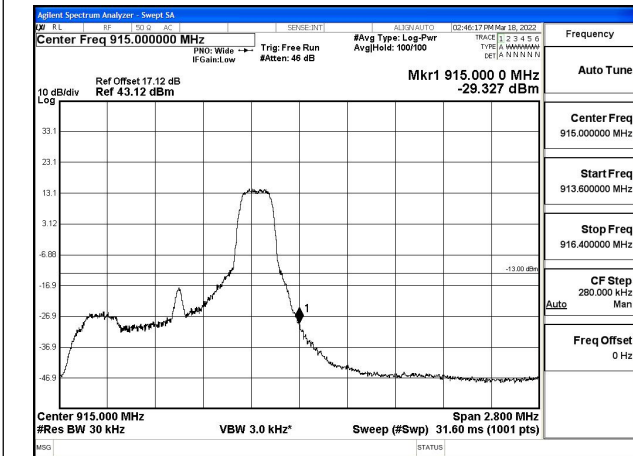


Fig.3

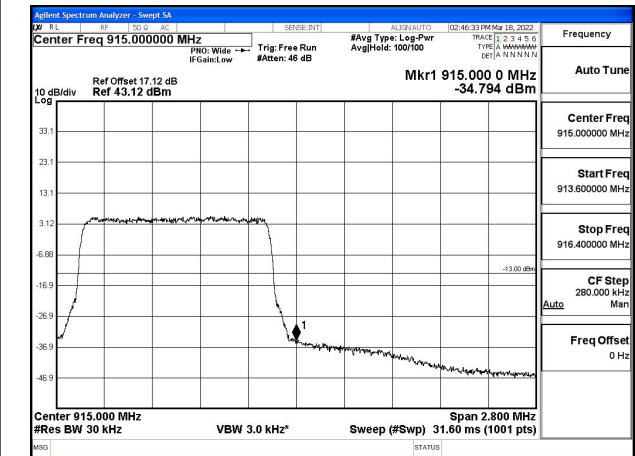


Fig.4

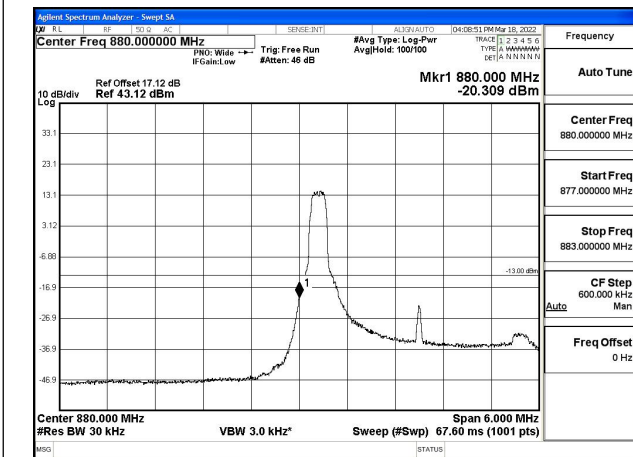


Fig.5

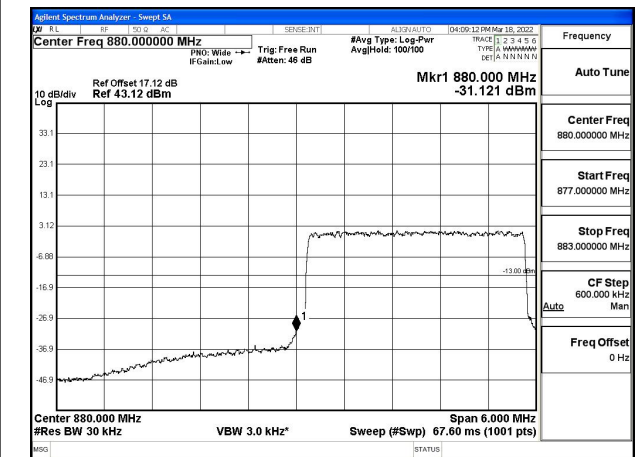


Fig.6

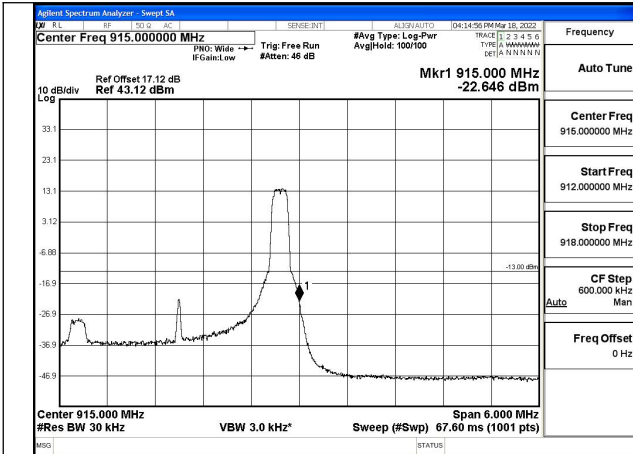


Fig.7

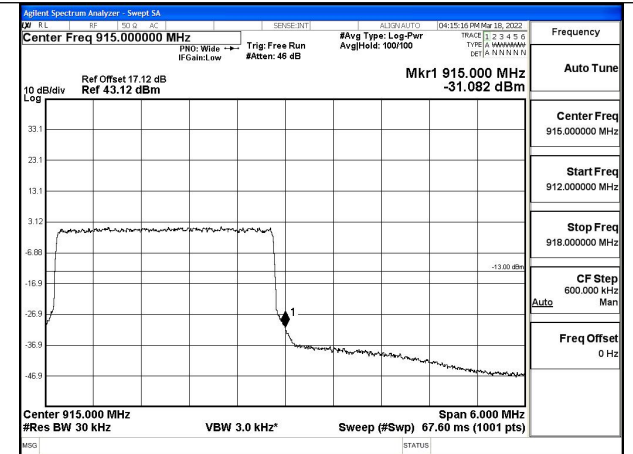


Fig.8

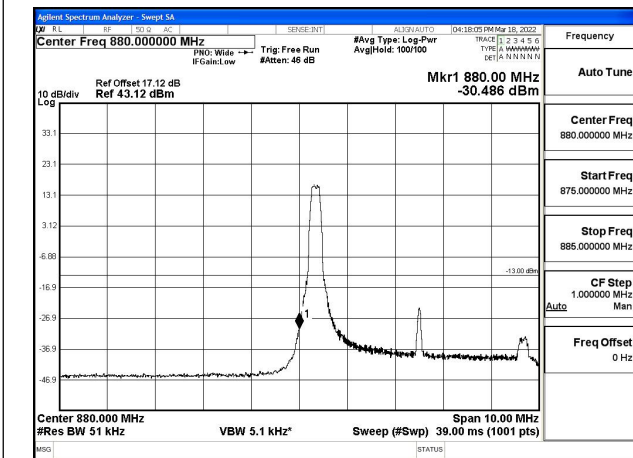


Fig.9

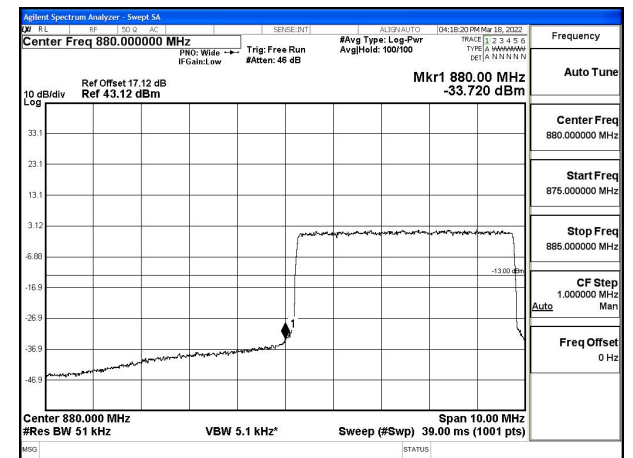


Fig.10

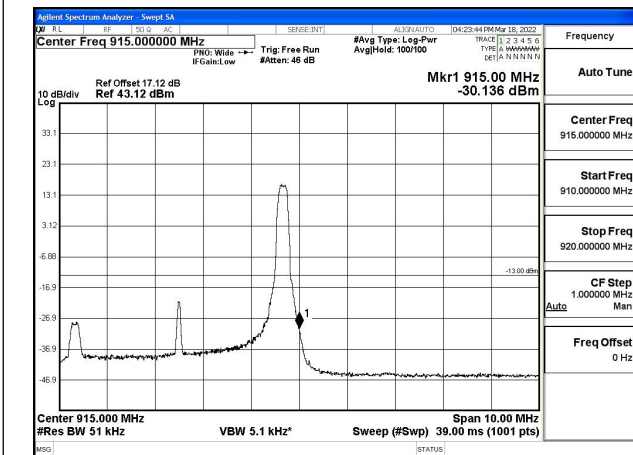


Fig.11

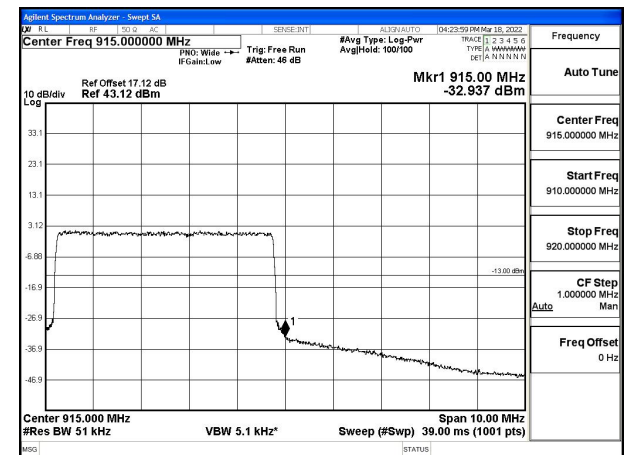


Fig.12

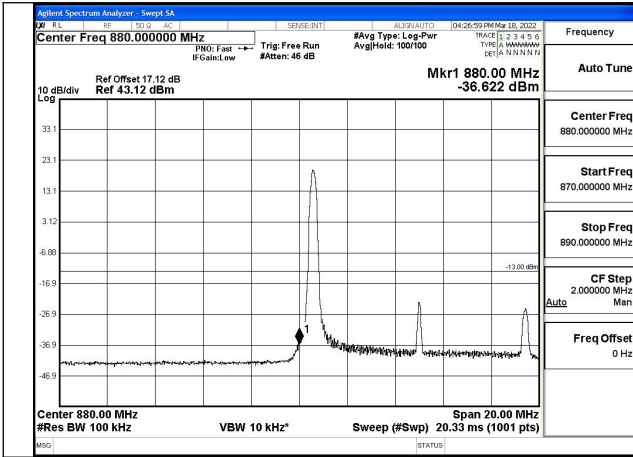


Fig.13

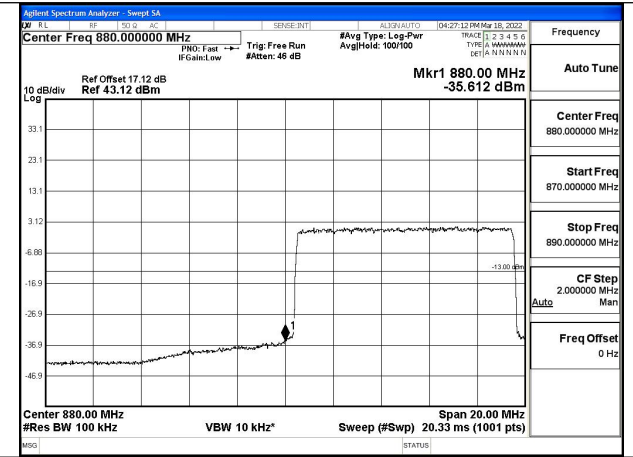


Fig.14

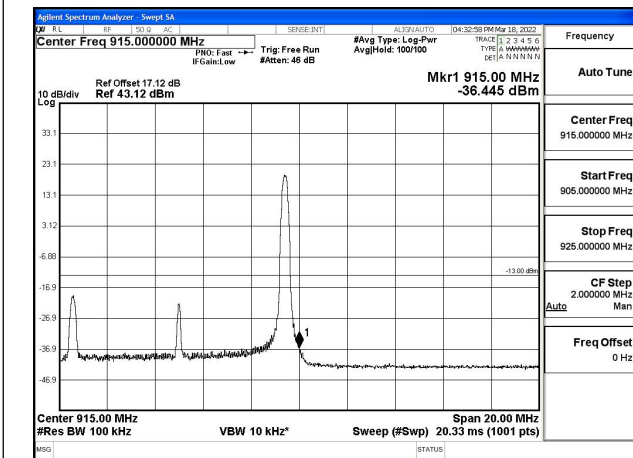


Fig.15

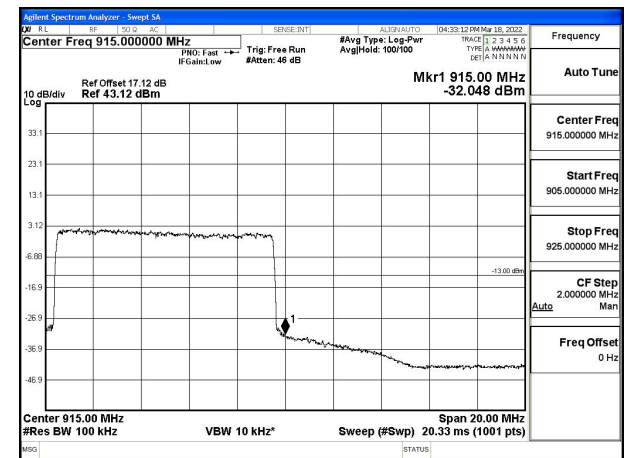


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 8 Low Channel QPSK			
		1.4M	3M	5M	10M
-10	NV	-0.011	-0.047	0.017	0.019
0	NV	0.050	-0.016	0.026	0.027
+10	NV	-0.020	-0.056	0.020	-0.037
+20	NV	-0.049	-0.057	0.029	-0.021
+30	NV	-0.037	-0.027	0.019	0.022
+40	NV	-0.032	-0.052	-0.013	-0.030
+50	NV	0.017	0.021	0.028	-0.046
+20	LV	0.054	0.042	0.012	-0.009
+20	HV	0.012	0.027	0.010	-0.004

Temperature(°C)	Voltage	Test Result (ppm) Band 8 High Channel QPSK			
		1.4M	3M	5M	10M
-10	NV	-0.010	-0.042	-0.029	-0.030
0	NV	0.006	-0.023	-0.027	-0.036
+10	NV	-0.020	-0.036	-0.026	-0.037
+20	NV	-0.026	-0.035	-0.025	-0.021
+30	NV	-0.034	-0.045	-0.030	-0.041
+40	NV	-0.035	-0.028	-0.046	-0.035
+50	NV	0.017	0.034	0.036	0.028
+20	LV	0.047	0.036	0.027	-0.023
+20	HV	0.026	0.044	-0.003	-0.036

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	880.7	21457	1.4	1	0	23.39	19.48	0.089
QPSK	880.7	21457	1.4	1	3	23.39	19.48	0.089
QPSK	880.7	21457	1.4	1	5	23.44	19.53	0.090
QPSK	880.7	21457	1.4	3	0	23.39	19.48	0.089
QPSK	880.7	21457	1.4	3	1	23.46	19.55	0.090
QPSK	880.7	21457	1.4	3	3	23.43	19.52	0.090
QPSK	880.7	21457	1.4	6	0	22.46	18.55	0.072
QPSK	897.5	21625	1.4	1	0	23.61	19.70	0.093
QPSK	897.5	21625	1.4	1	3	23.64	19.73	0.094
QPSK	897.5	21625	1.4	1	5	23.51	19.60	0.091
QPSK	897.5	21625	1.4	3	0	23.67	19.76	0.095
QPSK	897.5	21625	1.4	3	1	23.49	19.58	0.091
QPSK	897.5	21625	1.4	3	3	23.52	19.61	0.091
QPSK	897.5	21625	1.4	6	0	22.60	18.69	0.074
QPSK	914.3	21793	1.4	1	0	23.57	19.66	0.092
QPSK	914.3	21793	1.4	1	3	23.42	19.51	0.089
QPSK	914.3	21793	1.4	1	5	23.57	19.66	0.092
QPSK	914.3	21793	1.4	3	0	23.40	19.49	0.089
QPSK	914.3	21793	1.4	3	1	23.26	19.35	0.086
QPSK	914.3	21793	1.4	3	3	23.36	19.45	0.088
QPSK	914.3	21793	1.4	6	0	22.44	18.53	0.071

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	880.7	21457	1.4	1	0	23.23	19.32	0.086
16QAM	880.7	21457	1.4	1	3	22.69	18.78	0.076
16QAM	880.7	21457	1.4	1	5	23.32	19.41	0.087
16QAM	880.7	21457	1.4	3	0	22.55	18.64	0.073
16QAM	880.7	21457	1.4	3	1	22.66	18.75	0.075
16QAM	880.7	21457	1.4	3	3	22.46	18.55	0.072
16QAM	880.7	21457	1.4	6	0	21.07	17.16	0.052
16QAM	897.5	21625	1.4	1	0	23.45	19.54	0.090
16QAM	897.5	21625	1.4	1	3	22.97	19.06	0.081
16QAM	897.5	21625	1.4	1	5	23.18	19.27	0.085
16QAM	897.5	21625	1.4	3	0	22.49	18.58	0.072
16QAM	897.5	21625	1.4	3	1	22.80	18.89	0.077
16QAM	897.5	21625	1.4	3	3	22.85	18.94	0.078
16QAM	897.5	21625	1.4	6	0	21.33	17.42	0.055
16QAM	914.3	21793	1.4	1	0	22.43	18.52	0.071
16QAM	914.3	21793	1.4	1	3	22.57	18.66	0.073
16QAM	914.3	21793	1.4	1	5	22.86	18.95	0.079
16QAM	914.3	21793	1.4	3	0	22.52	18.61	0.073
16QAM	914.3	21793	1.4	3	1	22.67	18.76	0.075
16QAM	914.3	21793	1.4	3	3	22.31	18.40	0.069
16QAM	914.3	21793	1.4	6	0	21.27	17.36	0.054
64QAM	880.7	21457	1.4	1	0	21.04	17.13	0.052
64QAM	880.7	21457	1.4	1	3	21.25	17.34	0.054
64QAM	880.7	21457	1.4	1	5	21.48	17.57	0.057
64QAM	880.7	21457	1.4	3	0	21.36	17.45	0.056
64QAM	880.7	21457	1.4	3	1	21.11	17.20	0.052
64QAM	880.7	21457	1.4	3	3	20.99	17.08	0.051
64QAM	880.7	21457	1.4	6	0	20.84	16.93	0.049
64QAM	897.5	21625	1.4	1	0	22.17	18.26	0.067
64QAM	897.5	21625	1.4	1	3	22.67	18.76	0.075
64QAM	897.5	21625	1.4	1	5	22.11	18.20	0.066
64QAM	897.5	21625	1.4	3	0	21.60	17.69	0.059
64QAM	897.5	21625	1.4	3	1	21.53	17.62	0.058
64QAM	897.5	21625	1.4	3	3	21.50	17.59	0.057
64QAM	897.5	21625	1.4	6	0	20.99	17.08	0.051
64QAM	914.3	21793	1.4	1	0	21.97	18.06	0.064
64QAM	914.3	21793	1.4	1	3	21.99	18.08	0.064
64QAM	914.3	21793	1.4	1	5	22.15	18.24	0.067
64QAM	914.3	21793	1.4	3	0	21.08	17.17	0.052
64QAM	914.3	21793	1.4	3	1	21.31	17.40	0.055
64QAM	914.3	21793	1.4	3	3	21.36	17.45	0.056
64QAM	914.3	21793	1.4	6	0	20.32	16.41	0.044

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	881.5	21465	3	1	0	23.45	19.54	0.090
QPSK	881.5	21465	3	1	8	23.36	19.45	0.088
QPSK	881.5	21465	3	1	14	23.38	19.47	0.089
QPSK	881.5	21465	3	8	0	22.53	18.62	0.073
QPSK	881.5	21465	3	8	4	22.41	18.50	0.071
QPSK	881.5	21465	3	8	7	22.41	18.50	0.071
QPSK	881.5	21465	3	15	0	22.35	18.44	0.070
QPSK	897.5	21625	3	1	0	23.92	20.01	0.100
QPSK	897.5	21625	3	1	8	23.83	19.92	0.098
QPSK	897.5	21625	3	1	14	23.58	19.67	0.093
QPSK	897.5	21625	3	8	0	22.59	18.68	0.074
QPSK	897.5	21625	3	8	4	22.68	18.77	0.075
QPSK	897.5	21625	3	8	7	22.52	18.61	0.073
QPSK	897.5	21625	3	15	0	22.49	18.58	0.072
QPSK	913.5	21785	3	1	0	23.40	19.49	0.089
QPSK	913.5	21785	3	1	8	23.29	19.38	0.087
QPSK	913.5	21785	3	1	14	23.32	19.41	0.087
QPSK	913.5	21785	3	8	0	22.26	18.35	0.068
QPSK	913.5	21785	3	8	4	22.37	18.46	0.070
QPSK	913.5	21785	3	8	7	22.24	18.33	0.068
QPSK	913.5	21785	3	15	0	22.18	18.27	0.067

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	881.5	21465	3	1	0	22.69	18.78	0.076
16QAM	881.5	21465	3	1	8	22.76	18.85	0.077
16QAM	881.5	21465	3	1	14	22.48	18.57	0.072
16QAM	881.5	21465	3	8	0	21.37	17.46	0.056
16QAM	881.5	21465	3	8	4	21.44	17.53	0.057
16QAM	881.5	21465	3	8	7	21.50	17.59	0.057
16QAM	881.5	21465	3	15	0	21.56	17.65	0.058
16QAM	897.5	21625	3	1	0	23.14	19.23	0.084
16QAM	897.5	21625	3	1	8	22.80	18.89	0.077
16QAM	897.5	21625	3	1	14	22.93	19.02	0.080
16QAM	897.5	21625	3	8	0	21.76	17.85	0.061
16QAM	897.5	21625	3	8	4	21.71	17.80	0.060
16QAM	897.5	21625	3	8	7	21.54	17.63	0.058
16QAM	897.5	21625	3	15	0	21.69	17.78	0.060
16QAM	913.5	21785	3	1	0	22.43	18.52	0.071
16QAM	913.5	21785	3	1	8	22.57	18.66	0.073
16QAM	913.5	21785	3	1	14	22.78	18.87	0.077
16QAM	913.5	21785	3	8	0	21.51	17.60	0.058
16QAM	913.5	21785	3	8	4	21.42	17.51	0.056
16QAM	913.5	21785	3	8	7	21.22	17.31	0.054
16QAM	913.5	21785	3	15	0	21.45	17.54	0.057
64QAM	881.5	21465	3	1	0	21.48	17.57	0.057
64QAM	881.5	21465	3	1	8	21.38	17.47	0.056
64QAM	881.5	21465	3	1	14	21.79	17.88	0.061
64QAM	881.5	21465	3	8	0	21.02	17.11	0.051
64QAM	881.5	21465	3	8	4	20.83	16.92	0.049
64QAM	881.5	21465	3	8	7	20.56	16.65	0.046
64QAM	881.5	21465	3	15	0	21.15	17.24	0.053
64QAM	897.5	21625	3	1	0	21.84	17.93	0.062
64QAM	897.5	21625	3	1	8	22.13	18.22	0.066
64QAM	897.5	21625	3	1	14	21.96	18.05	0.064
64QAM	897.5	21625	3	8	0	20.74	16.83	0.048
64QAM	897.5	21625	3	8	4	20.72	16.81	0.048
64QAM	897.5	21625	3	8	7	21.08	17.17	0.052
64QAM	897.5	21625	3	15	0	21.01	17.10	0.051
64QAM	913.5	21785	3	1	0	20.95	17.04	0.051
64QAM	913.5	21785	3	1	8	21.40	17.49	0.056
64QAM	913.5	21785	3	1	14	21.19	17.28	0.053
64QAM	913.5	21785	3	8	0	20.21	16.30	0.043
64QAM	913.5	21785	3	8	4	20.29	16.38	0.043
64QAM	913.5	21785	3	8	7	20.17	16.26	0.042
64QAM	913.5	21785	3	15	0	20.45	16.54	0.045

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	882.5	21475	5	1	0	23.85	19.94	0.099
QPSK	882.5	21475	5	1	12	23.73	19.82	0.096
QPSK	882.5	21475	5	1	24	23.69	19.78	0.095
QPSK	882.5	21475	5	12	0	22.34	18.43	0.070
QPSK	882.5	21475	5	12	7	22.38	18.47	0.070
QPSK	882.5	21475	5	12	13	22.47	18.56	0.072
QPSK	882.5	21475	5	25	0	22.37	18.46	0.070
QPSK	897.5	21625	5	1	0	23.64	19.73	0.094
QPSK	897.5	21625	5	1	12	23.71	19.80	0.095
QPSK	897.5	21625	5	1	24	23.41	19.50	0.089
QPSK	897.5	21625	5	12	0	22.63	18.72	0.074
QPSK	897.5	21625	5	12	7	22.69	18.78	0.076
QPSK	897.5	21625	5	12	13	22.43	18.52	0.071
QPSK	897.5	21625	5	25	0	22.72	18.81	0.076
QPSK	912.5	21775	5	1	0	23.83	19.92	0.098
QPSK	912.5	21775	5	1	12	23.68	19.77	0.095
QPSK	912.5	21775	5	1	24	23.57	19.66	0.092
QPSK	912.5	21775	5	12	0	22.26	18.35	0.068
QPSK	912.5	21775	5	12	7	22.22	18.31	0.068
QPSK	912.5	21775	5	12	13	22.26	18.35	0.068
QPSK	912.5	21775	5	25	0	22.37	18.46	0.070

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/EIRP (dBm)	ERP/EIRP (W)
16QAM	882.5	21475	5	1	0	22.90	18.99	0.079
16QAM	882.5	21475	5	1	12	22.74	18.83	0.076
16QAM	882.5	21475	5	1	24	22.92	19.01	0.080
16QAM	882.5	21475	5	12	0	21.30	17.39	0.055
16QAM	882.5	21475	5	12	7	21.41	17.50	0.056
16QAM	882.5	21475	5	12	13	21.51	17.60	0.058
16QAM	882.5	21475	5	25	0	21.63	17.72	0.059
16QAM	897.5	21625	5	1	0	22.90	18.99	0.079
16QAM	897.5	21625	5	1	12	22.82	18.91	0.078
16QAM	897.5	21625	5	1	24	22.43	18.52	0.071
16QAM	897.5	21625	5	12	0	21.67	17.76	0.060
16QAM	897.5	21625	5	12	7	21.56	17.65	0.058
16QAM	897.5	21625	5	12	13	21.60	17.69	0.059
16QAM	897.5	21625	5	25	0	21.57	17.66	0.058
16QAM	912.5	21775	5	1	0	22.65	18.74	0.075
16QAM	912.5	21775	5	1	12	22.95	19.04	0.080
16QAM	912.5	21775	5	1	24	22.66	18.75	0.075
16QAM	912.5	21775	5	12	0	21.52	17.61	0.058
16QAM	912.5	21775	5	12	7	21.39	17.48	0.056
16QAM	912.5	21775	5	12	13	21.22	17.31	0.054
16QAM	912.5	21775	5	25	0	21.33	17.42	0.055
64QAM	882.5	21475	5	1	0	21.72	17.81	0.060
64QAM	882.5	21475	5	1	12	21.91	18.00	0.063
64QAM	882.5	21475	5	1	24	21.63	17.72	0.059
64QAM	882.5	21475	5	12	0	20.98	17.07	0.051
64QAM	882.5	21475	5	12	7	20.73	16.82	0.048
64QAM	882.5	21475	5	12	13	20.32	16.41	0.044
64QAM	882.5	21475	5	25	0	20.42	16.51	0.045
64QAM	897.5	21625	5	1	0	21.71	17.80	0.060
64QAM	897.5	21625	5	1	12	21.81	17.90	0.062
64QAM	897.5	21625	5	1	24	21.08	17.17	0.052
64QAM	897.5	21625	5	12	0	20.92	17.01	0.050
64QAM	897.5	21625	5	12	7	20.71	16.80	0.048
64QAM	897.5	21625	5	12	13	21.07	17.16	0.052
64QAM	897.5	21625	5	25	0	20.78	16.87	0.049
64QAM	912.5	21775	5	1	0	21.75	17.84	0.061
64QAM	912.5	21775	5	1	12	21.39	17.48	0.056
64QAM	912.5	21775	5	1	24	21.71	17.80	0.060
64QAM	912.5	21775	5	12	0	20.96	17.05	0.051
64QAM	912.5	21775	5	12	7	20.42	16.51	0.045
64QAM	912.5	21775	5	12	13	20.70	16.79	0.048
64QAM	912.5	21775	5	25	0	20.36	16.45	0.044

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	885	21500	10	1	0	23.42	19.51	0.089
QPSK	885	21500	10	1	25	23.51	19.60	0.091
QPSK	885	21500	10	1	49	23.54	19.63	0.092
QPSK	885	21500	10	25	0	22.53	18.62	0.073
QPSK	885	21500	10	25	12	22.39	18.48	0.070
QPSK	885	21500	10	25	25	22.46	18.55	0.072
QPSK	885	21500	10	50	0	22.35	18.44	0.070
QPSK	897.5	21625	10	1	0	23.78	19.87	0.097
QPSK	897.5	21625	10	1	25	23.59	19.68	0.093
QPSK	897.5	21625	10	1	49	23.81	19.90	0.098
QPSK	897.5	21625	10	25	0	22.37	18.46	0.070
QPSK	897.5	21625	10	25	12	22.70	18.79	0.076
QPSK	897.5	21625	10	25	25	22.51	18.60	0.072
QPSK	897.5	21625	10	50	0	22.54	18.63	0.073
QPSK	910	21750	10	1	0	23.62	19.71	0.094
QPSK	910	21750	10	1	25	23.49	19.58	0.091
QPSK	910	21750	10	1	49	23.35	19.44	0.088
QPSK	910	21750	10	25	0	22.28	18.37	0.069
QPSK	910	21750	10	25	12	22.47	18.56	0.072
QPSK	910	21750	10	25	25	22.44	18.53	0.071
QPSK	910	21750	10	50	0	22.47	18.56	0.072

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	885	21500	10	1	0	22.70	18.79	0.076
16QAM	885	21500	10	1	25	22.71	18.80	0.076
16QAM	885	21500	10	1	49	23.06	19.15	0.082
16QAM	885	21500	10	25	0	21.49	17.58	0.057
16QAM	885	21500	10	25	12	21.37	17.46	0.056
16QAM	885	21500	10	25	25	21.34	17.43	0.055
16QAM	885	21500	10	50	0	21.47	17.56	0.057
16QAM	897.5	21625	10	1	0	22.70	18.79	0.076
16QAM	897.5	21625	10	1	25	22.89	18.98	0.079
16QAM	897.5	21625	10	1	49	23.19	19.28	0.085
16QAM	897.5	21625	10	25	0	21.77	17.86	0.061
16QAM	897.5	21625	10	25	12	21.83	17.92	0.062
16QAM	897.5	21625	10	25	25	21.53	17.62	0.058
16QAM	897.5	21625	10	50	0	21.64	17.73	0.059
16QAM	910	21750	10	1	0	22.87	18.96	0.079
16QAM	910	21750	10	1	25	23.08	19.17	0.083
16QAM	910	21750	10	1	49	22.72	18.81	0.076
16QAM	910	21750	10	25	0	21.41	17.50	0.056
16QAM	910	21750	10	25	12	21.28	17.37	0.055
16QAM	910	21750	10	25	25	21.26	17.35	0.054
16QAM	910	21750	10	50	0	21.31	17.40	0.055
64QAM	885	21500	10	1	0	21.31	17.40	0.055
64QAM	885	21500	10	1	25	21.11	17.20	0.052
64QAM	885	21500	10	1	49	21.50	17.59	0.057
64QAM	885	21500	10	25	0	20.36	16.45	0.044
64QAM	885	21500	10	25	12	20.86	16.95	0.050
64QAM	885	21500	10	25	25	20.40	16.49	0.045
64QAM	885	21500	10	50	0	20.96	17.05	0.051
64QAM	897.5	21625	10	1	0	21.93	18.02	0.063
64QAM	897.5	21625	10	1	25	21.93	18.02	0.063
64QAM	897.5	21625	10	1	49	21.60	17.69	0.059
64QAM	897.5	21625	10	25	0	20.94	17.03	0.050
64QAM	897.5	21625	10	25	12	20.97	17.06	0.051
64QAM	897.5	21625	10	25	25	21.12	17.21	0.053
64QAM	897.5	21625	10	50	0	20.88	16.97	0.050
64QAM	910	21750	10	1	0	21.48	17.57	0.057
64QAM	910	21750	10	1	25	20.93	17.02	0.050
64QAM	910	21750	10	1	49	21.15	17.24	0.053
64QAM	910	21750	10	25	0	20.73	16.82	0.048
64QAM	910	21750	10	25	12	20.77	16.86	0.049
64QAM	910	21750	10	25	25	20.26	16.35	0.043
64QAM	910	21750	10	50	0	21.14	17.23	0.053