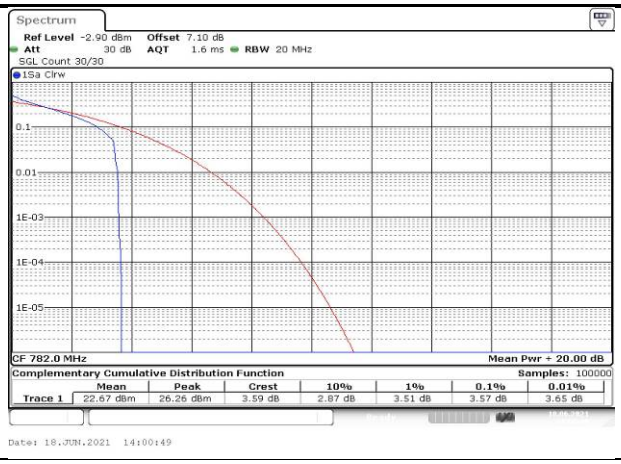

Fig.25

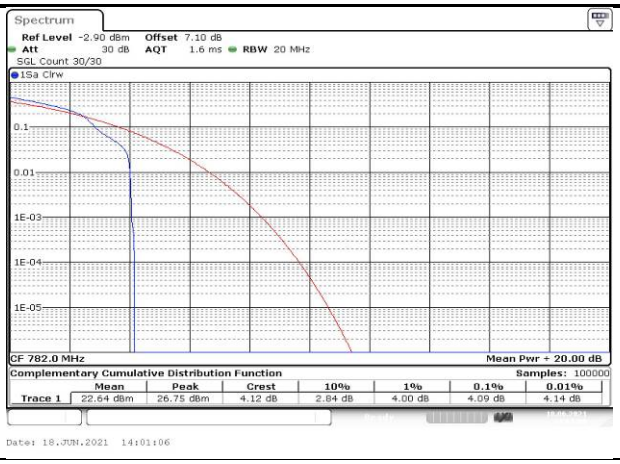

Fig.26

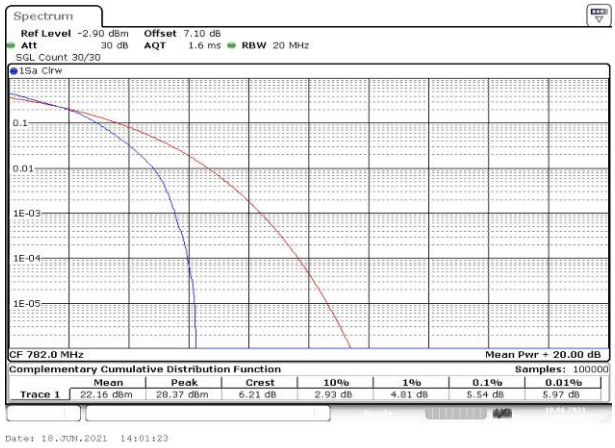

Fig.27

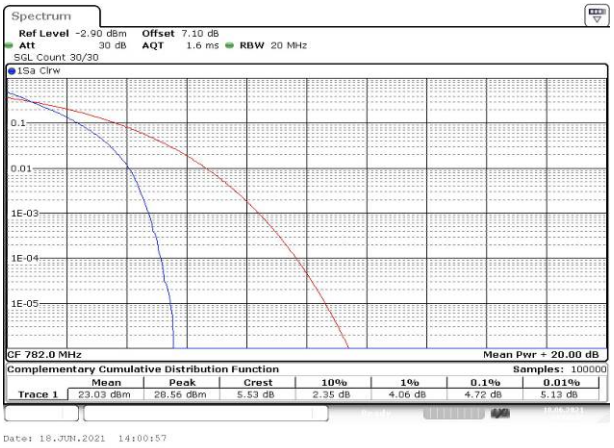

Fig.28

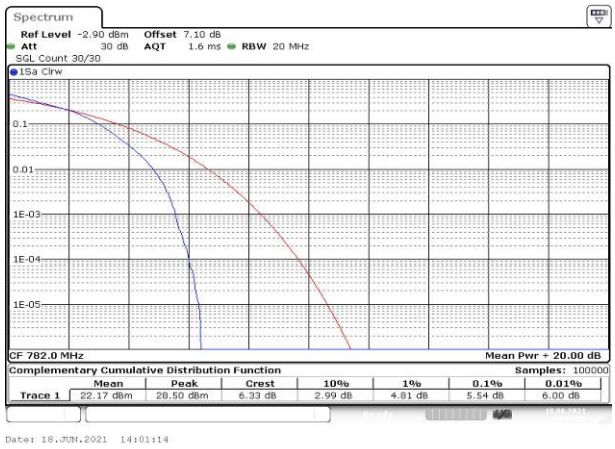

Fig.29

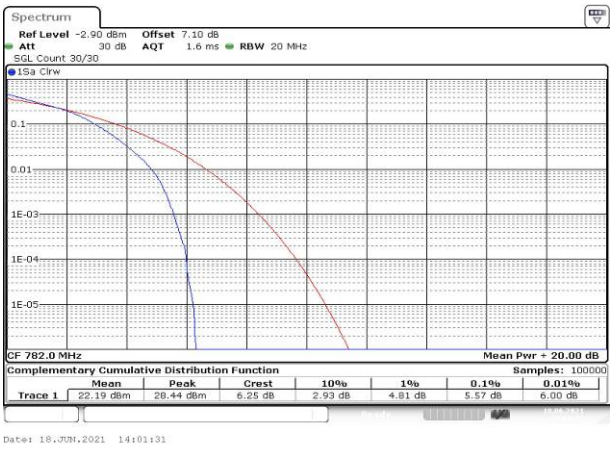

Fig.30

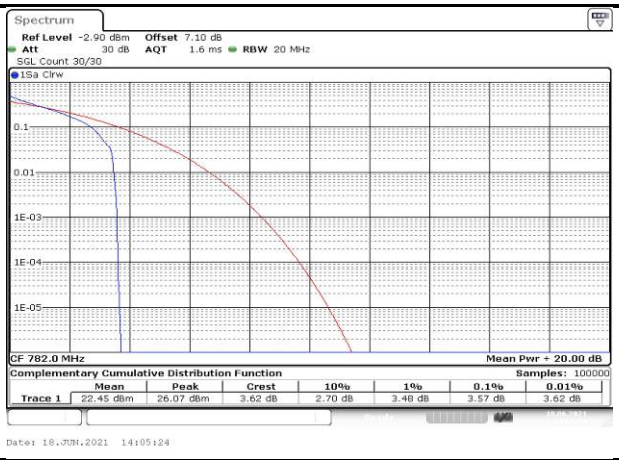

Fig.31

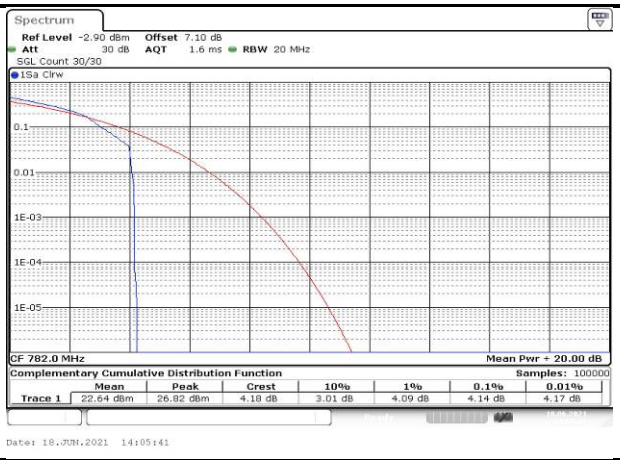

Fig.32

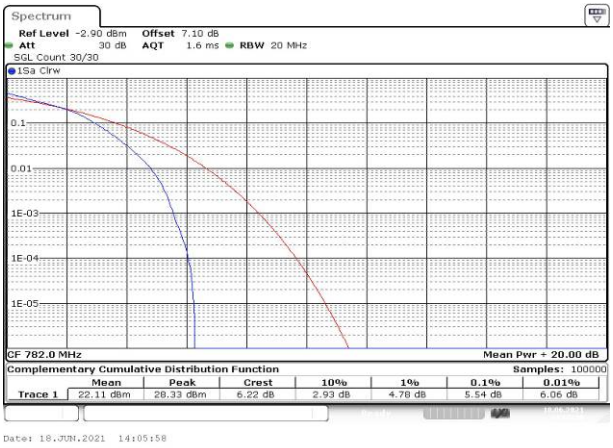

Fig.33

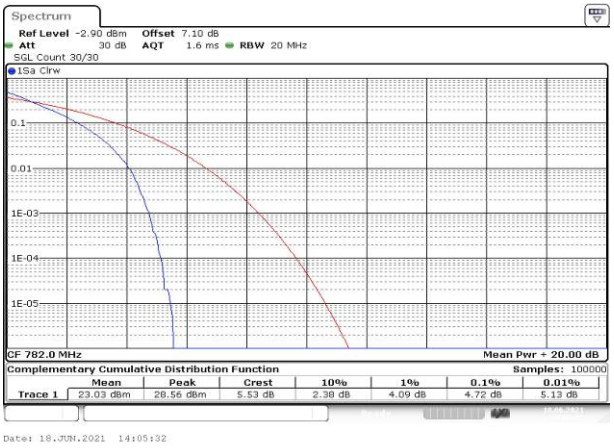

Fig.34

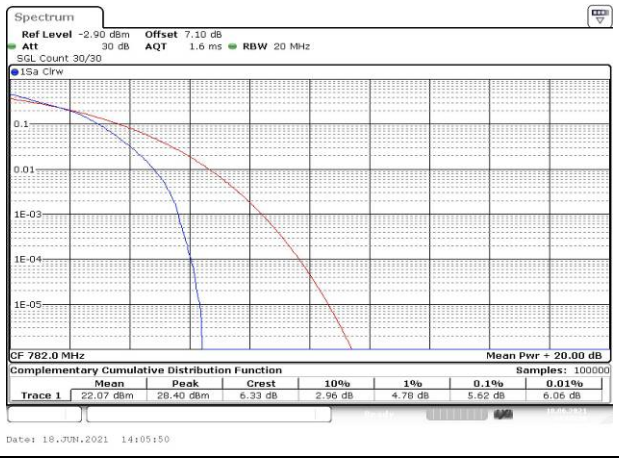

Fig.35

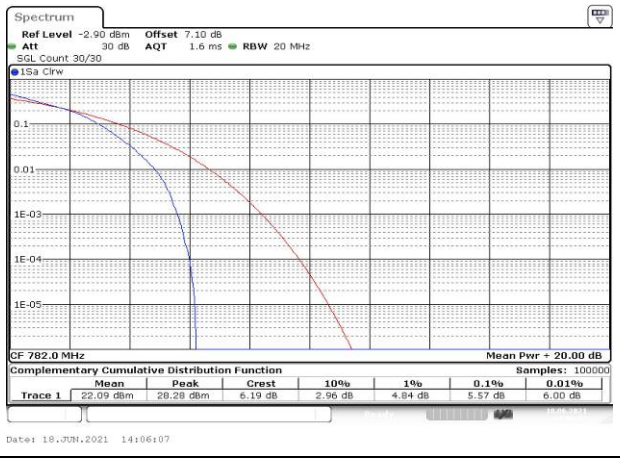

Fig.36

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
13	782	23230	10	1	0	Fig.1
	782	23230		1	0	Fig.2
	782	23230		1	0	Fig.3

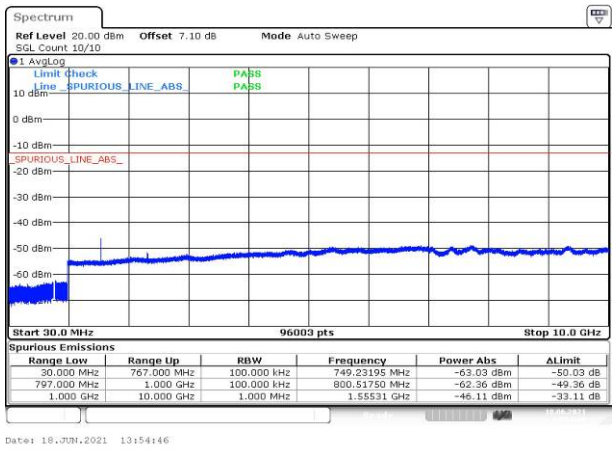

Fig.1

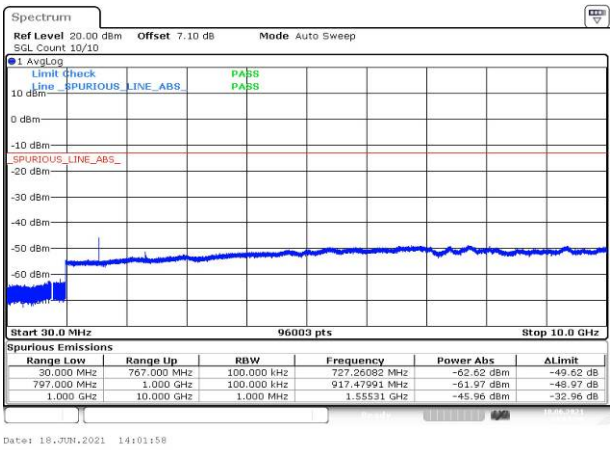

Fig.2

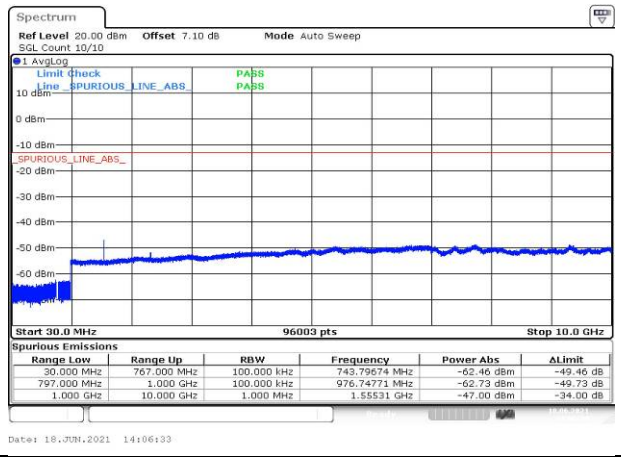

Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
13	779.5	23205	5	1	0	Fig.1
				25	0	Fig.2
	784.5	23255		1	24	Fig.3
				25	0	Fig.4
	782	23230	10	1	0	Fig.5
				50	0	Fig.6
				1	49	Fig.7
				50	0	Fig.8

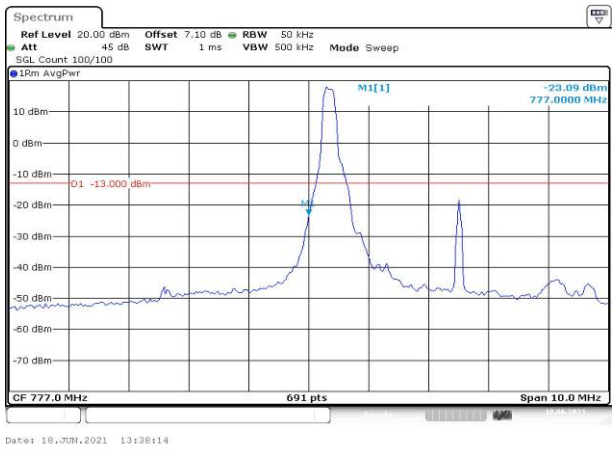

Fig.1

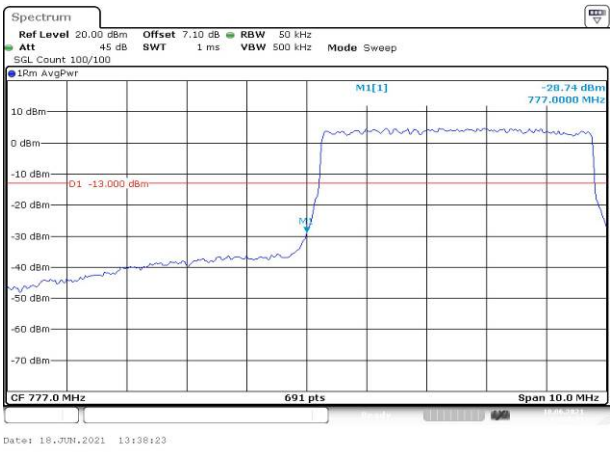

Fig.2

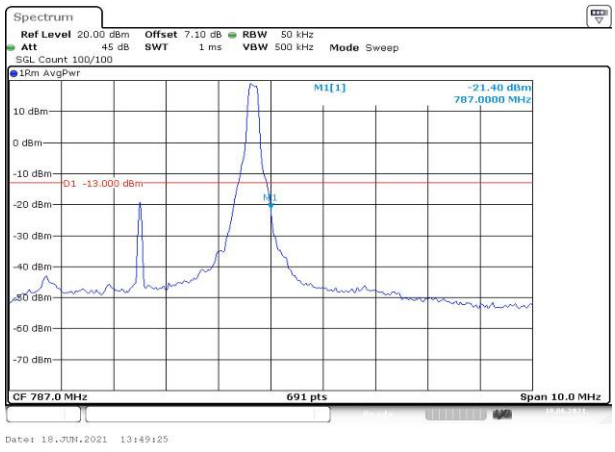

Fig.3

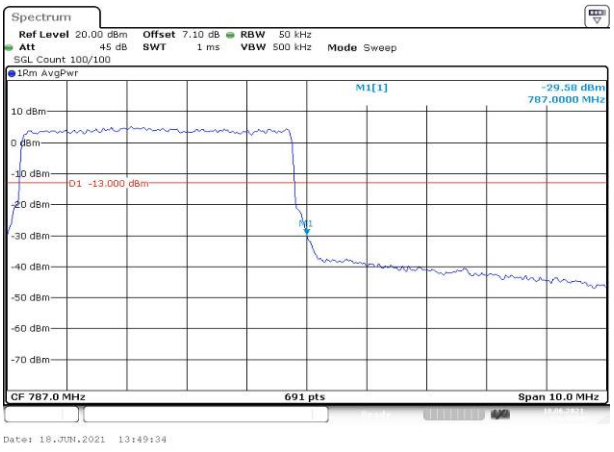

Fig.4

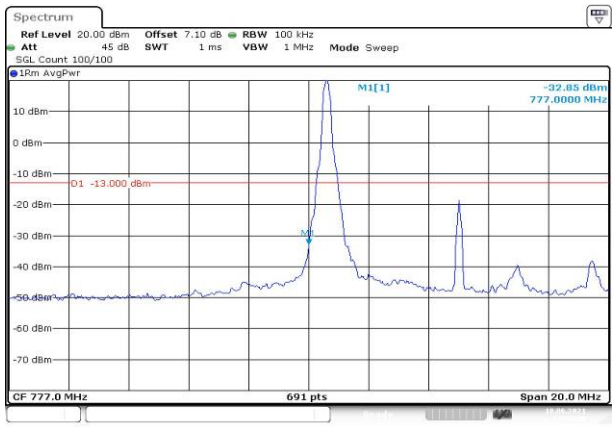

Fig.5

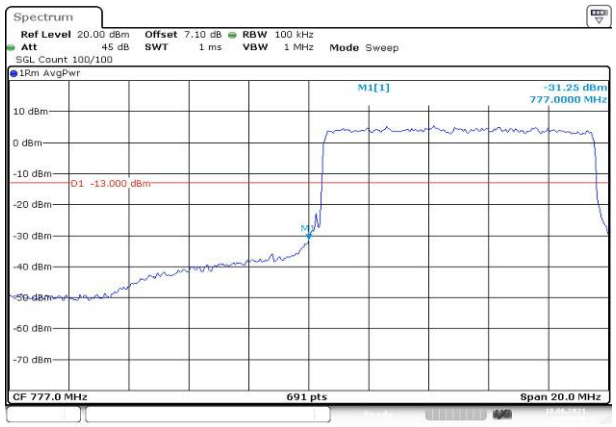

Fig.6

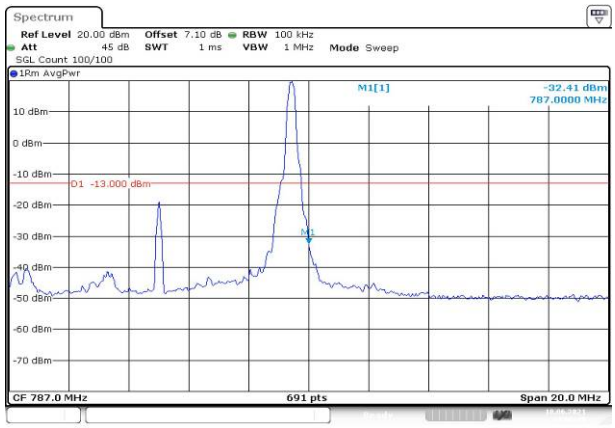

Fig.7

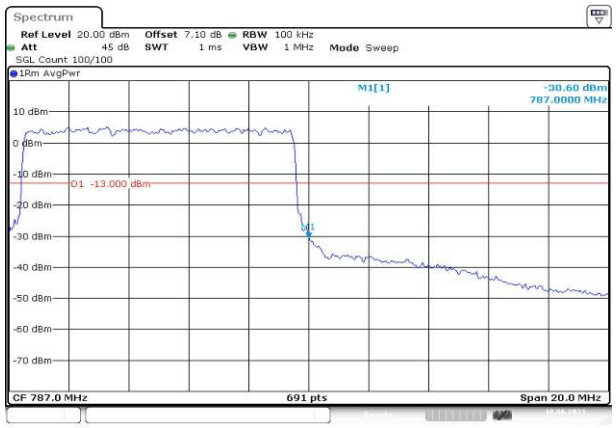

Fig.8

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band13 Low Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	-0.002	-0.001	---	---
0	NV	---	---	0.001	-0.002	---	---
+10	NV	---	---	0.003	0.002	---	---
+20	NV	---	---	0.000	0.000	---	---
+30	NV	---	---	0.001	0.001	---	---
+40	NV	---	---	0.002	0.001	---	---
+50	NV	---	---	0.004	-0.001	---	---
+55	NV	---	---	-0.001	0.002	---	---
+20	LV	---	---	0.002	0.003	---	---
+20	HV	---	---	0.001	0.003	---	---

Temperature(°C)	Voltage	Test Result (ppm) Band13 High Channel QPSK					
		1.4M	3M	5M	10M	15M	20M
-10	NV	---	---	0.001	0.001	---	---
0	NV	---	---	0.004	-0.001	---	---
+10	NV	---	---	0.005	0.002	---	---
+20	NV	---	---	0.003	0.000	---	---
+30	NV	---	---	0.003	0.000	---	---
+40	NV	---	---	0.006	0.001	---	---
+50	NV	---	---	0.002	0.000	---	---
+20	LV	---	---	0.001	-0.002	---	---
+20	HV	---	---	0.007	0.002	---	---

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	779.5	23205	5	1	0	23.90	18.55	0.072
				1	12	23.83	18.48	0.070
				1	24	23.86	18.51	0.071
				12	0	24.04	18.69	0.074
				12	7	24.04	18.69	0.074
				12	13	23.93	18.58	0.072
				25	0	23.96	18.61	0.073
	782	23230		1	0	24.69	19.34	0.086
				1	12	24.77	19.42	0.087
				1	24	24.77	19.42	0.087
				12	0	23.92	18.57	0.072
				12	7	23.93	18.58	0.072
				12	13	23.93	18.58	0.072
				25	0	23.93	18.58	0.072
	784.5	23255		1	0	24.76	19.41	0.087
				1	12	24.71	19.36	0.086
				1	24	24.71	19.36	0.086
				12	0	23.82	18.47	0.070
				12	7	23.83	18.48	0.070
				12	13	23.83	18.48	0.070
				25	0	23.95	18.60	0.072
16QAM	779.5	23205		1	0	23.88	18.53	0.071
				1	12	23.41	18.06	0.064
				1	24	23.40	18.05	0.064
				12	0	22.89	17.54	0.057
				12	7	23.05	17.70	0.059
				12	13	22.97	17.62	0.058
				25	0	23.17	17.82	0.061
	782	23230		1	0	24.14	18.79	0.076
				1	12	24.22	18.87	0.077
				1	24	24.22	18.87	0.077
				12	0	22.95	17.60	0.058
				12	7	22.86	17.51	0.056
				12	13	22.85	17.50	0.056
				25	0	23.01	17.66	0.058
	784.5	23255		1	0	23.71	18.36	0.069
				1	12	23.71	18.36	0.069
				1	24	23.70	18.35	0.068
				12	0	23.04	17.69	0.059
				12	7	22.97	17.62	0.058
				12	13	22.97	17.62	0.058
				25	0	22.89	17.54	0.057

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	779.5	23205	5	1	0	23.17	17.82	0.061
				1	12	23.17	17.82	0.061
				1	24	23.16	17.81	0.060
				12	0	23.17	17.82	0.061
				12	7	23.05	17.70	0.059
				12	13	23.05	17.70	0.059
				25	0	23.05	17.70	0.059
	782	23230		1	0	22.91	17.56	0.057
				1	12	23.09	17.74	0.059
				1	24	23.09	17.74	0.059
				12	0	23.09	17.74	0.059
				12	7	23.09	17.74	0.059
				12	13	23.09	17.74	0.059
				25	0	23.09	17.74	0.059
	784.5	23255		1	0	22.89	17.54	0.057
				1	12	23.08	17.73	0.059
				1	24	23.07	17.72	0.059
				12	0	23.07	17.72	0.059
				12	7	23.07	17.72	0.059
				12	13	23.07	17.72	0.059
				25	0	23.07	17.72	0.059

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	782	23230	10	1	0	23.78	18.43	0.070
				1	25	23.71	18.36	0.069
				1	49	23.71	18.36	0.069
				25	0	23.93	18.58	0.072
				25	12	23.92	18.57	0.072
				25	25	23.92	18.57	0.072
				50	0	23.97	18.62	0.073
				1	0	24.00	18.65	0.073
				1	25	23.80	18.45	0.070
				1	49	23.82	18.47	0.070
				25	0	23.98	18.63	0.073
				25	12	23.90	18.55	0.072
				25	25	23.90	18.55	0.072
				50	0	23.95	18.60	0.072
				1	0	23.91	18.56	0.072
				1	25	23.69	18.34	0.068
				1	49	23.78	18.43	0.070
				25	0	23.98	18.63	0.073
				25	12	23.89	18.54	0.071
				25	25	23.89	18.54	0.071
				50	0	23.95	18.60	0.072
16QAM				1	0	24.37	19.02	0.080
				1	25	24.34	18.99	0.079
				1	49	24.34	18.99	0.079
				25	0	23.14	17.79	0.060
				25	12	22.97	17.62	0.058
				25	25	22.97	17.62	0.058
				50	0	22.87	17.52	0.056
				1	0	24.36	19.01	0.080
				1	25	24.32	18.97	0.079
				1	49	24.32	18.97	0.079
				25	0	23.12	17.77	0.060
				25	12	23.03	17.68	0.059
				25	25	23.03	17.68	0.059
				50	0	23.03	17.68	0.059
				1	0	24.36	19.01	0.080
				1	25	24.33	18.98	0.079
				1	49	24.33	18.98	0.079
				25	0	23.14	17.79	0.060
				25	12	23.06	17.71	0.059
				25	25	23.05	17.70	0.059
				50	0	22.95	17.60	0.058

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	782	23230	10	1	0	22.87	17.52	0.056
				1	25	22.87	17.52	0.056
				1	49	22.88	17.53	0.057
				25	0	22.87	17.52	0.056
				25	12	22.87	17.52	0.056
				25	25	22.87	17.52	0.056
				50	0	22.87	17.52	0.056
				1	0	23.03	17.68	0.059
				1	25	23.03	17.68	0.059
				1	49	23.03	17.68	0.059
				25	0	23.03	17.68	0.059
				25	12	22.85	17.50	0.056
				25	25	22.85	17.50	0.056
				50	0	23.03	17.68	0.059
				1	0	22.95	17.60	0.058
				1	25	22.85	17.50	0.056
				1	49	23.12	17.77	0.060
				25	0	23.12	17.77	0.060
				25	12	23.13	17.78	0.060
				25	25	23.04	17.69	0.059
				50	0	23.05	17.70	0.059