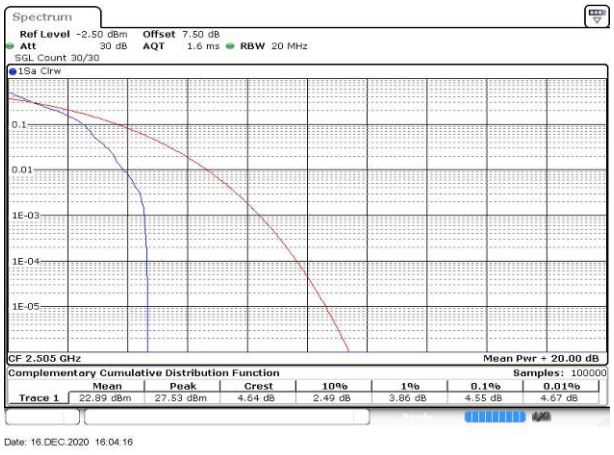

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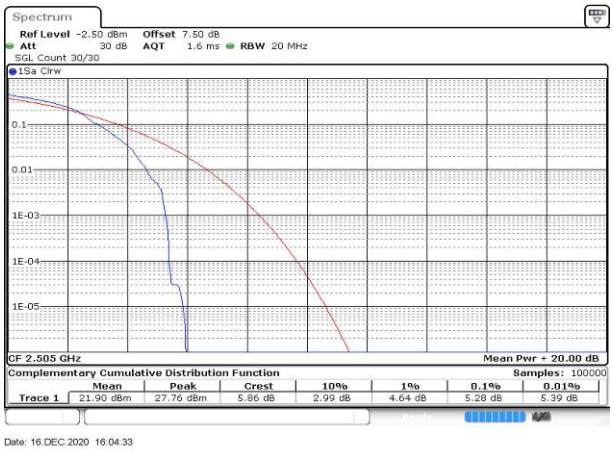

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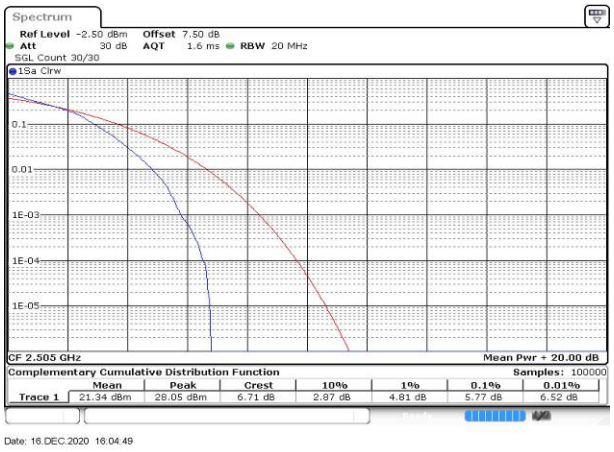

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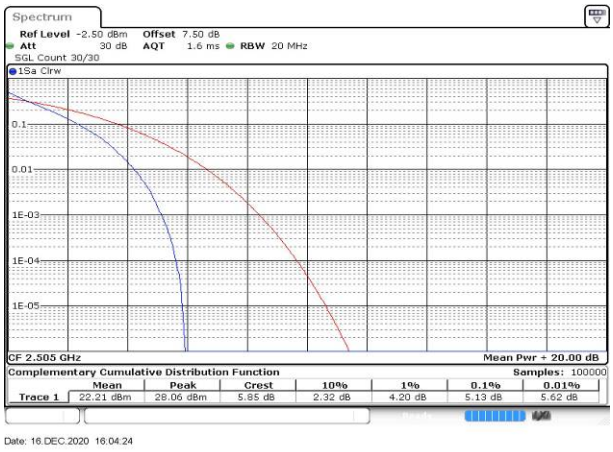

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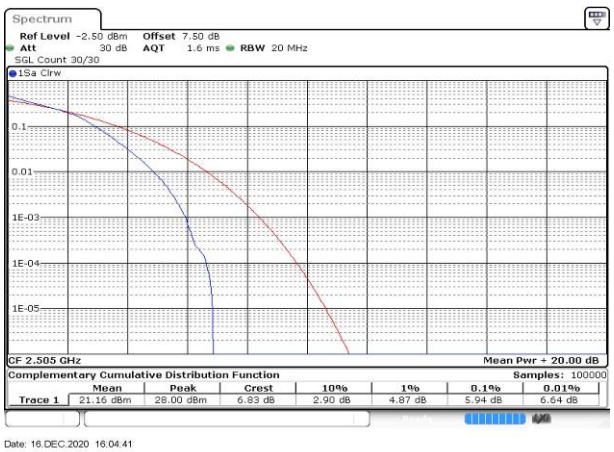
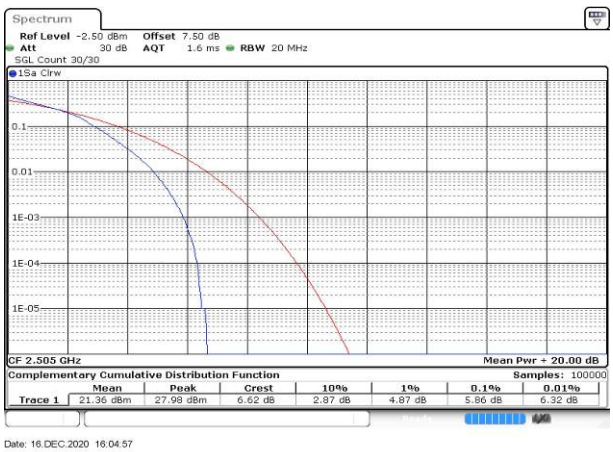


Fig.23



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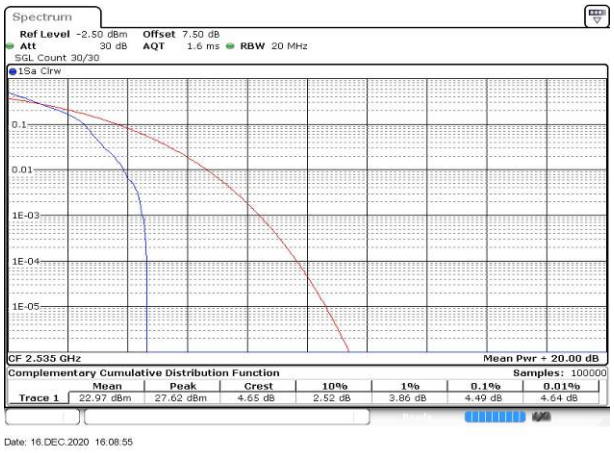

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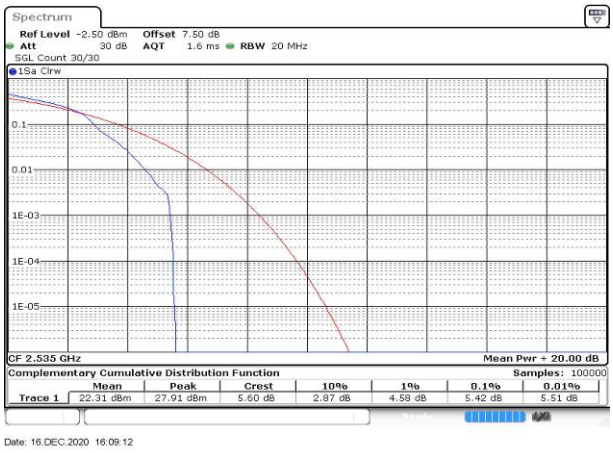
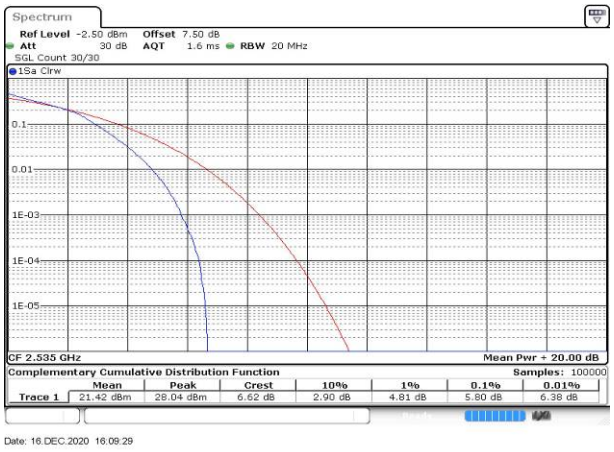


Fig.26



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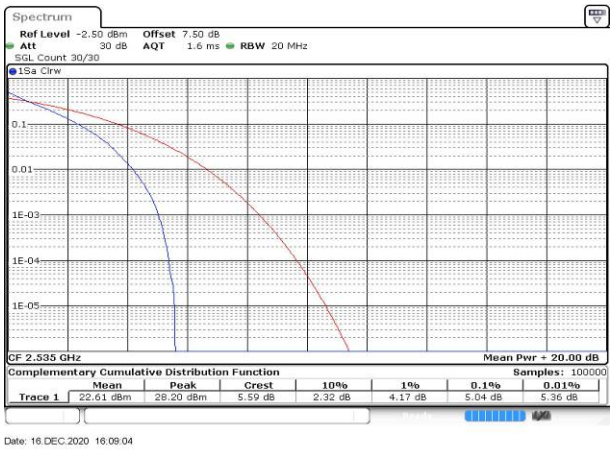

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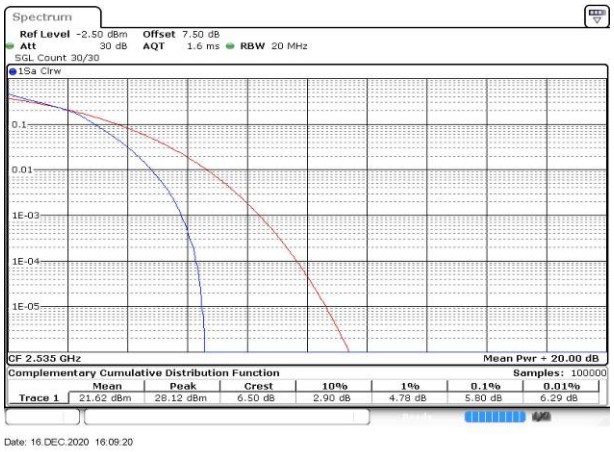


Fig.29

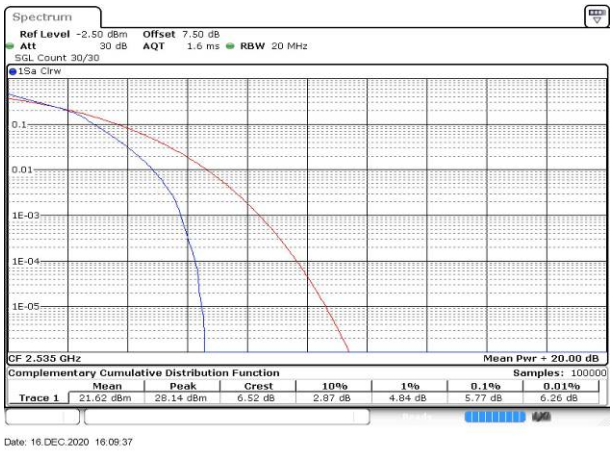
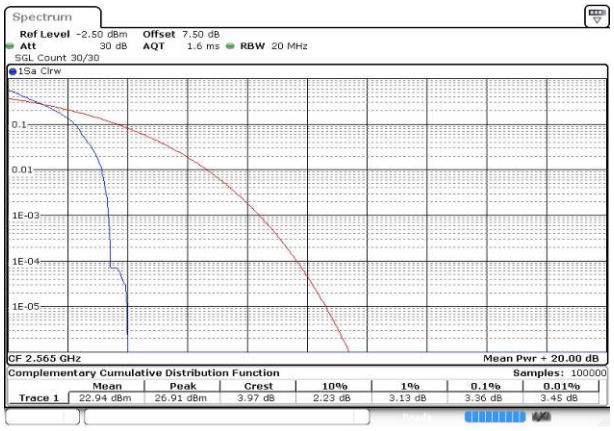


Fig.30



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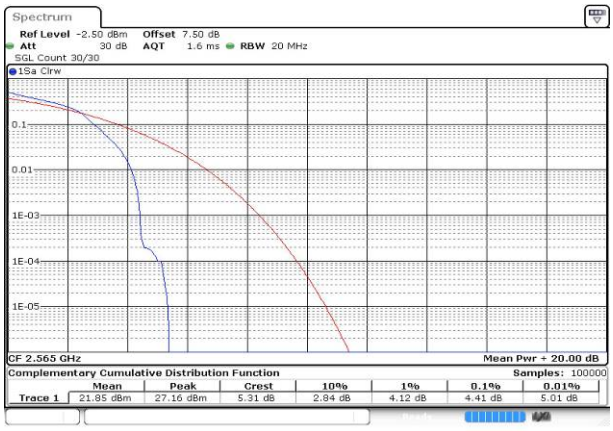
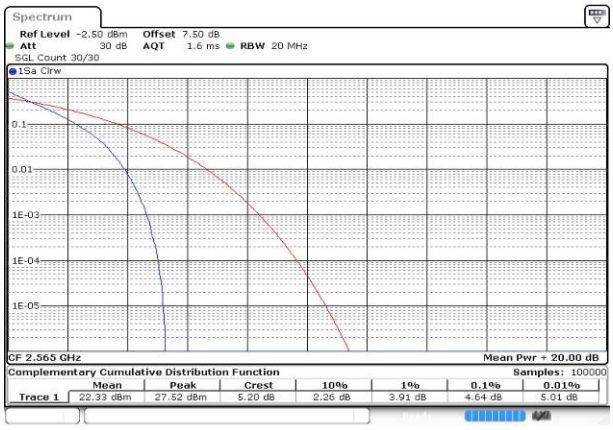


Fig.32

Fig.33



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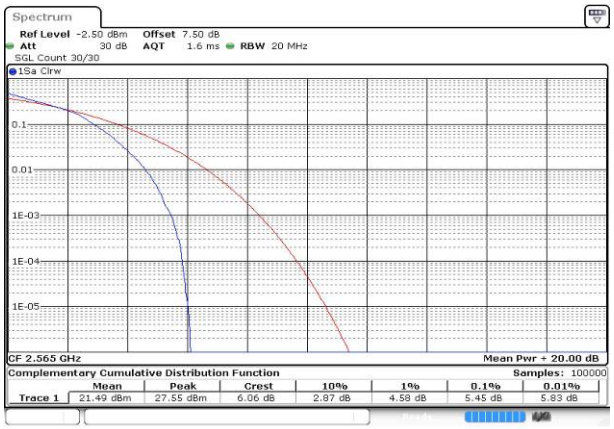

Fig.35

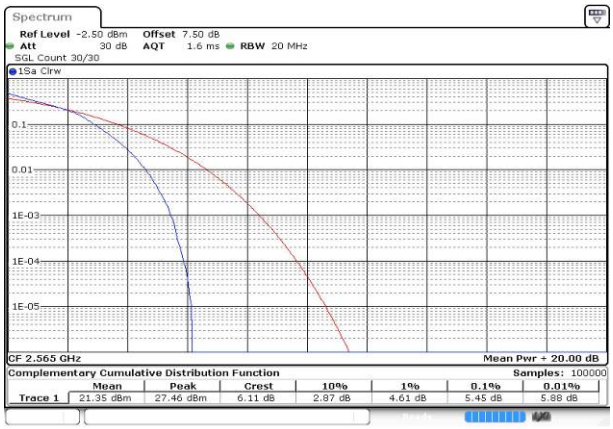

Fig.36

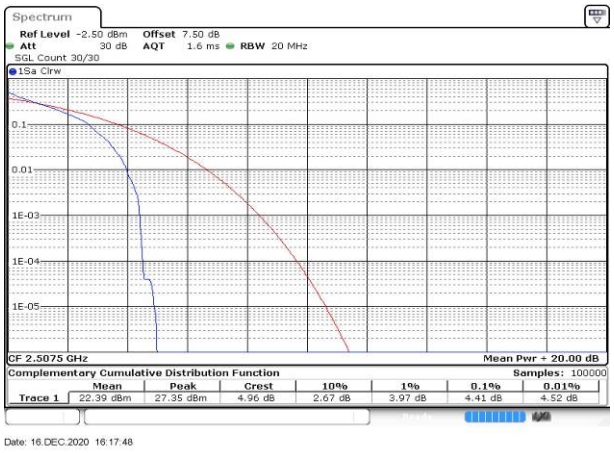

Fig.37

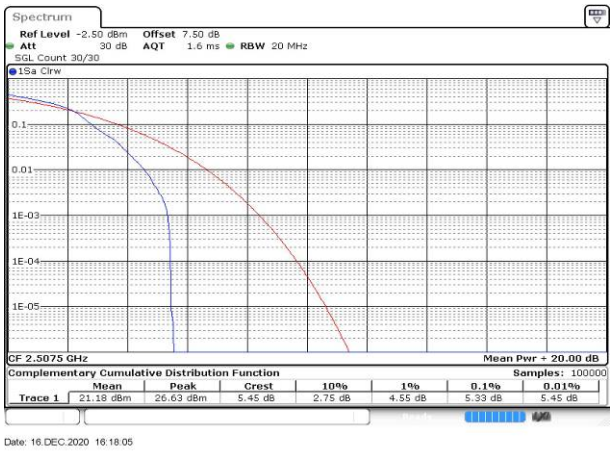

Fig.38

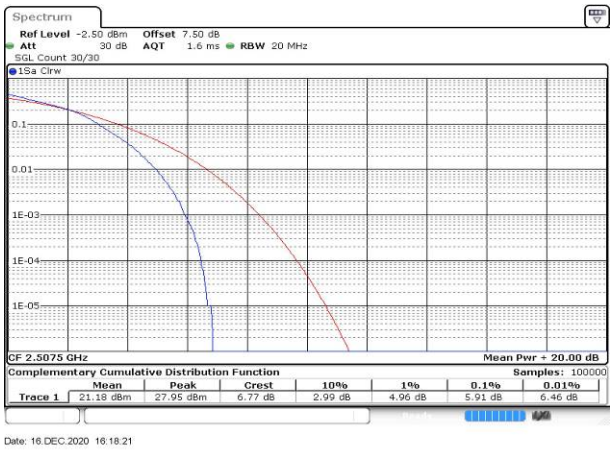

Fig.39

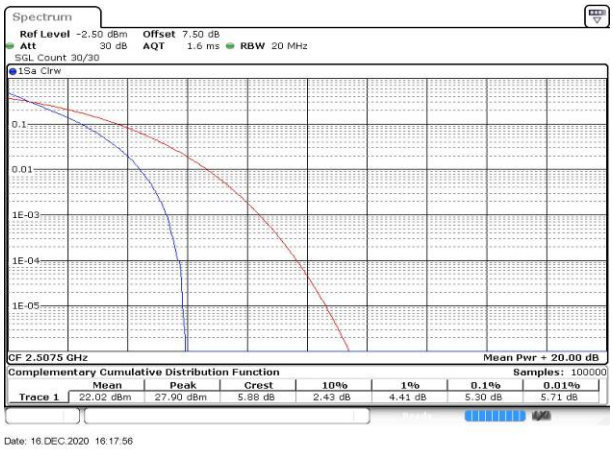

Fig.40

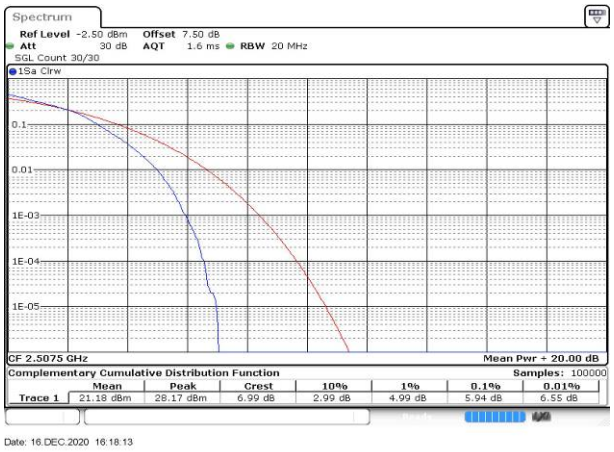

Fig.41

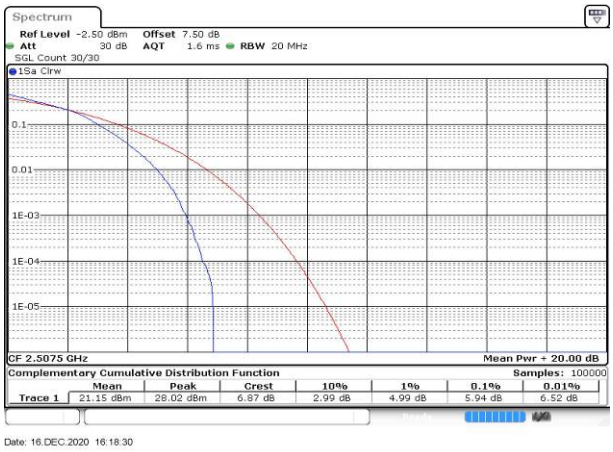

Fig.42

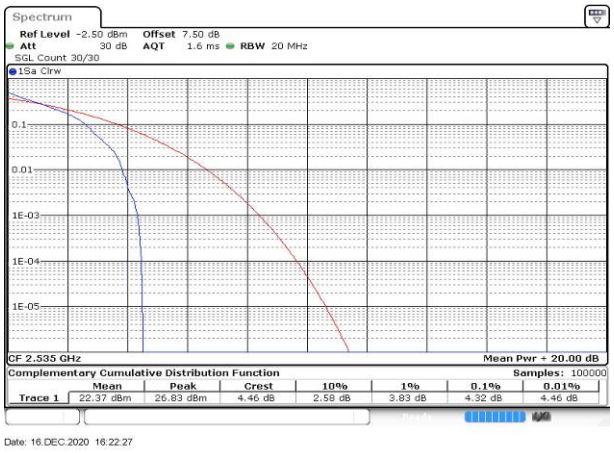

Fig.43

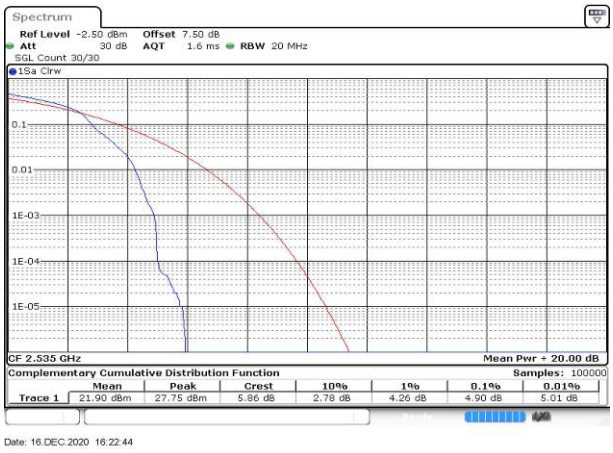

Fig.44

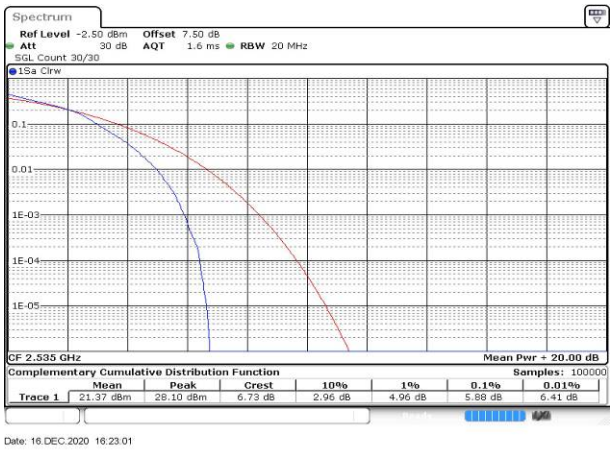

Fig.45

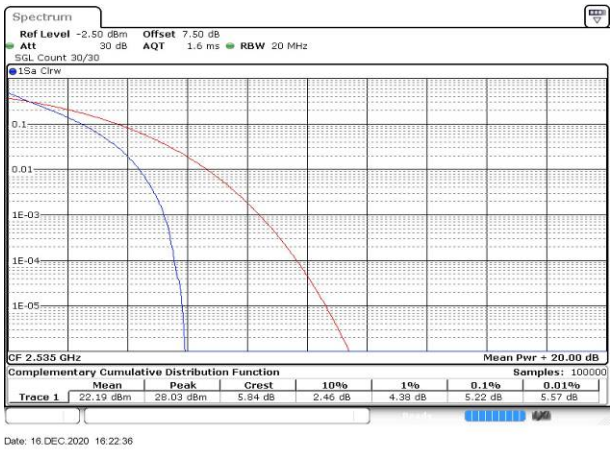

Fig.46

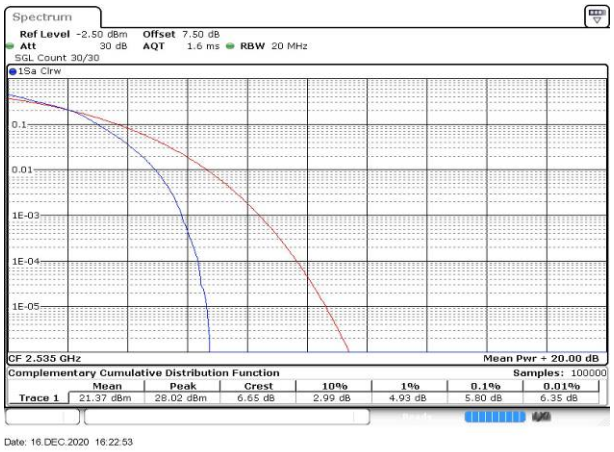

Fig.47

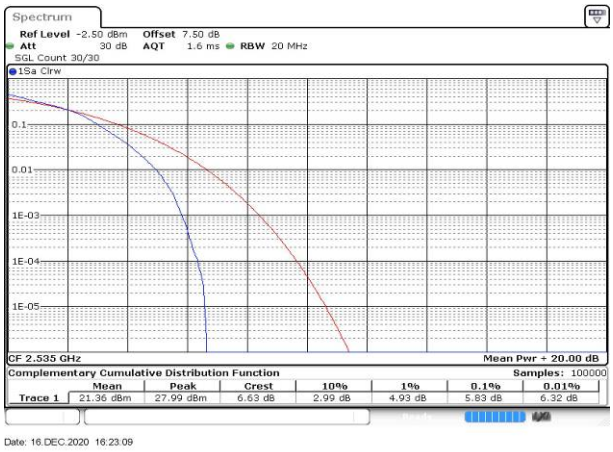

Fig.48

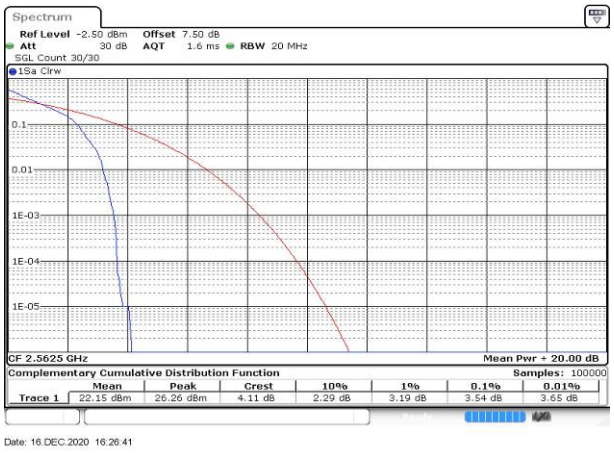

Fig.49

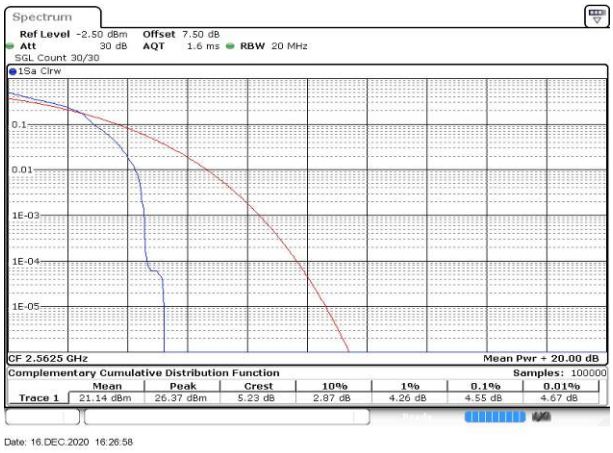

Fig.50

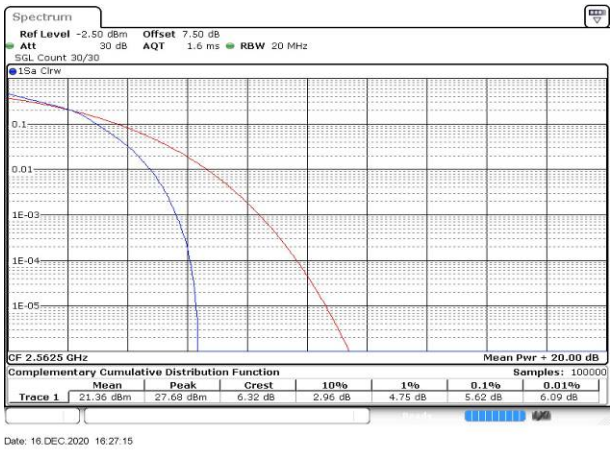

Fig.51

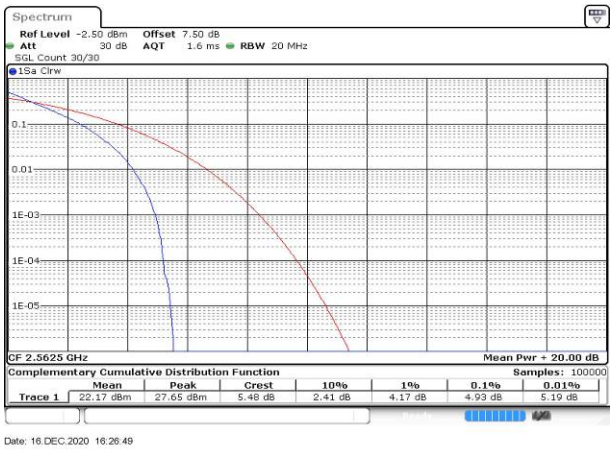

Fig.52

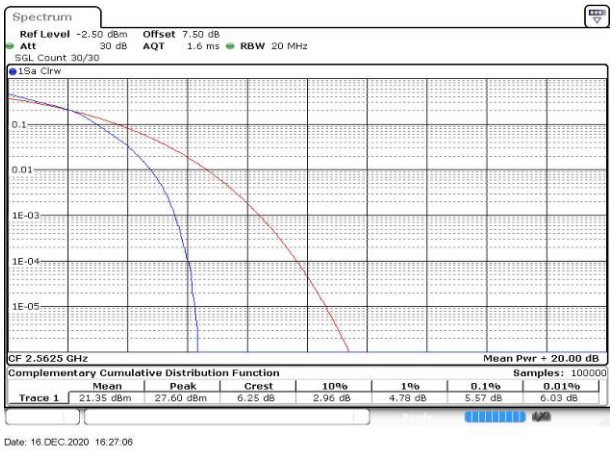

Fig.53

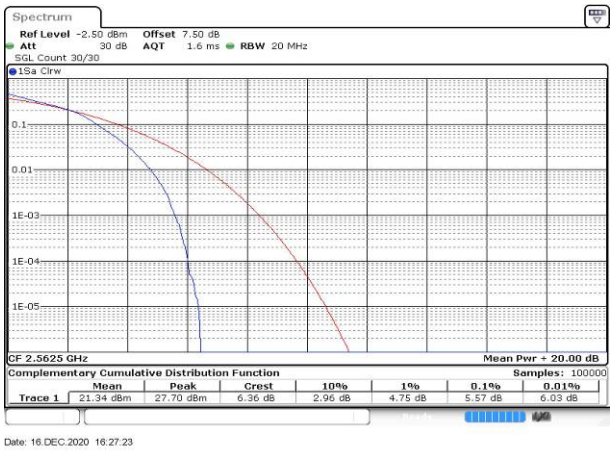

Fig.54

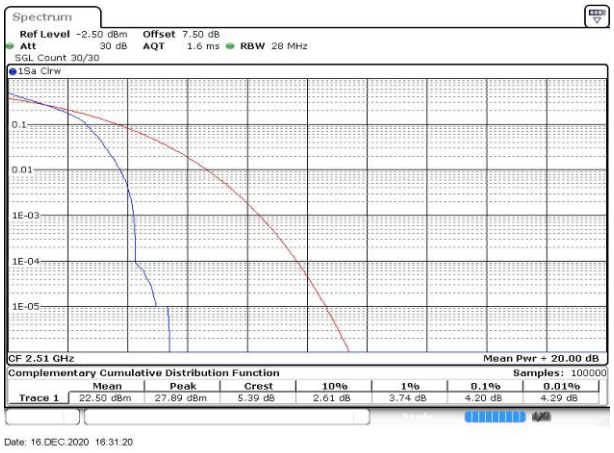

Fig.55

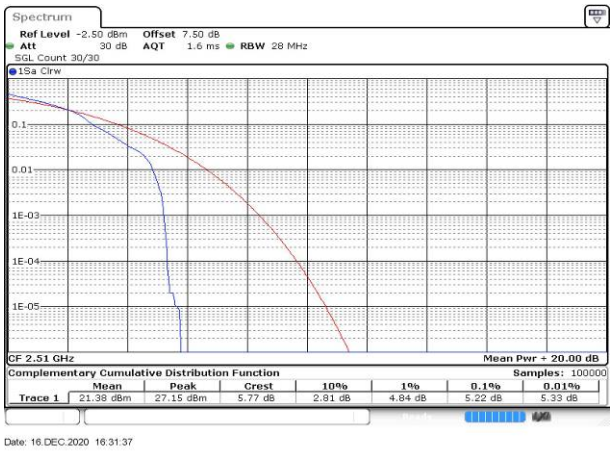

Fig.56

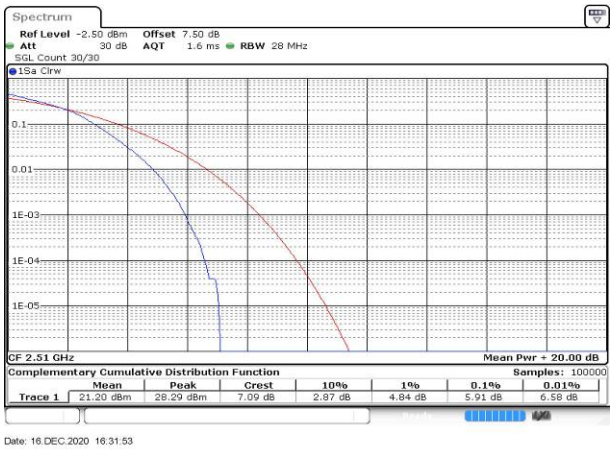

Fig.57

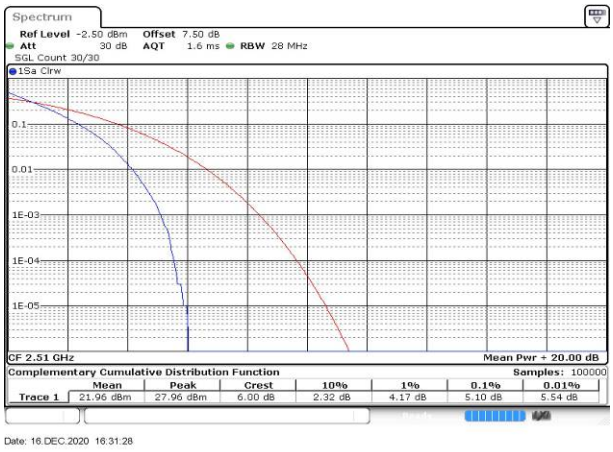

Fig.58

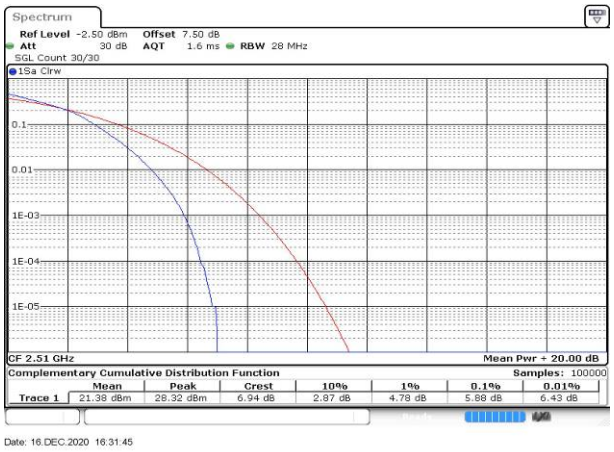

Fig.59

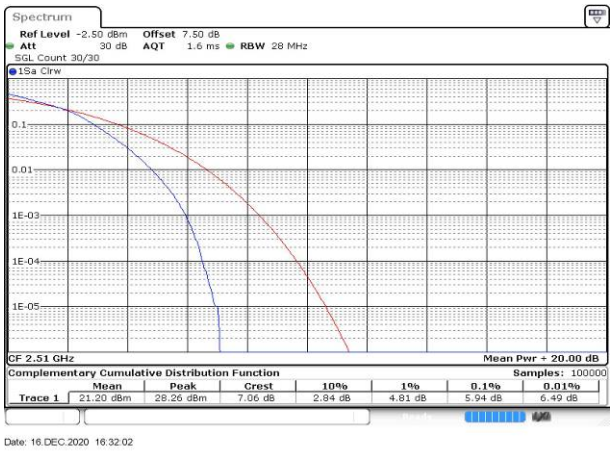

Fig.60

Fig.61

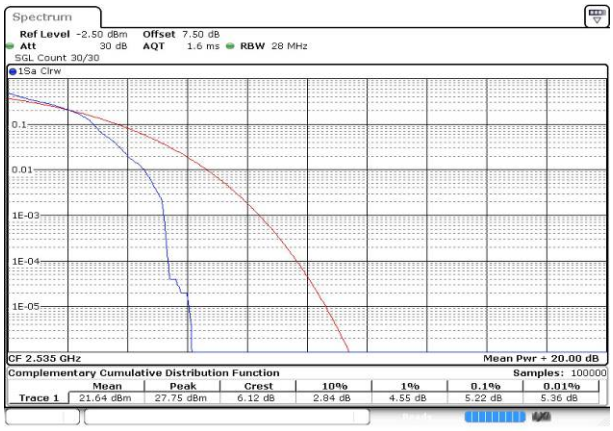

Fig.62

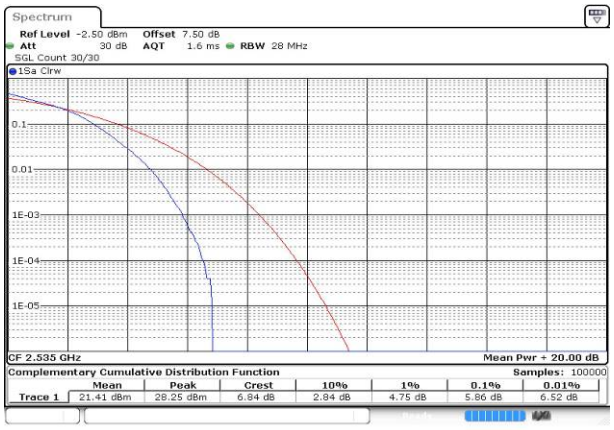

Fig.63

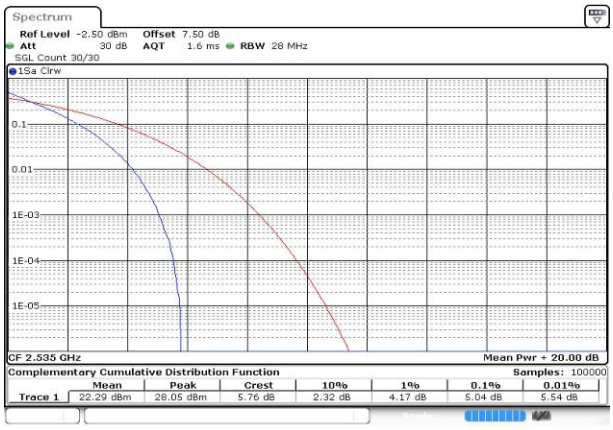

Fig.64

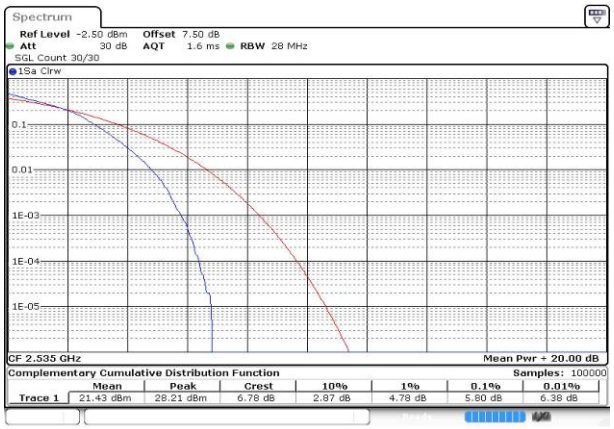

Fig.65

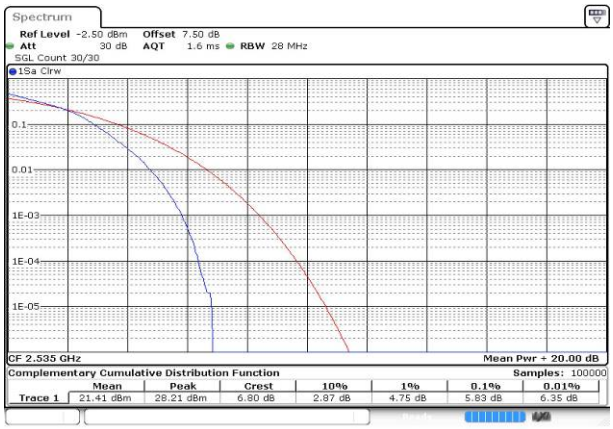

Fig.66

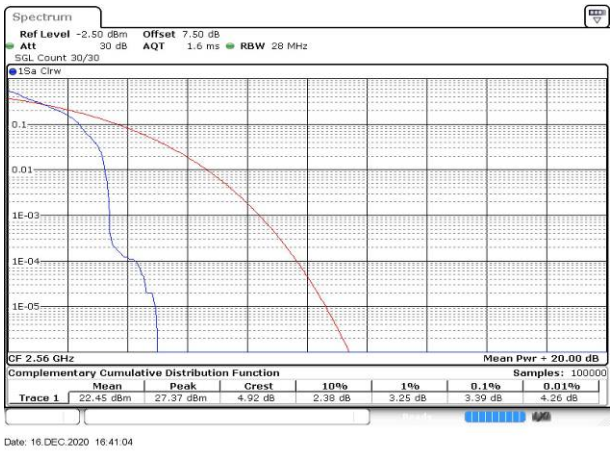

Fig.67

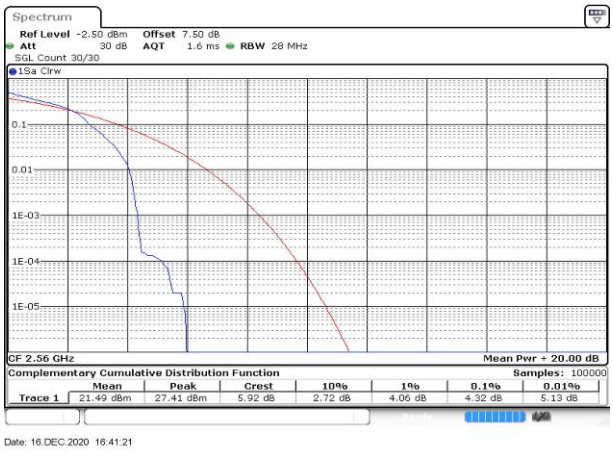

Fig.68

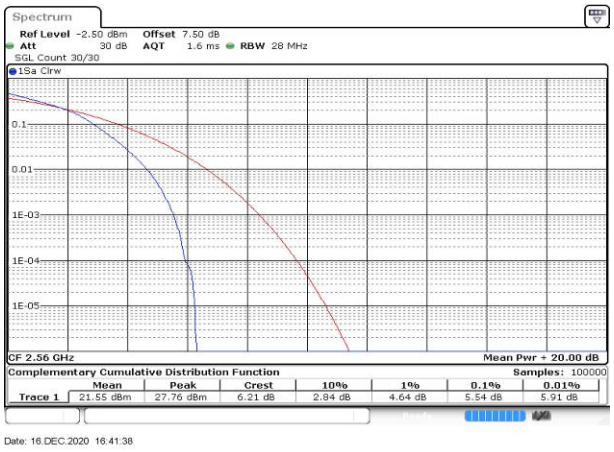

Fig.69

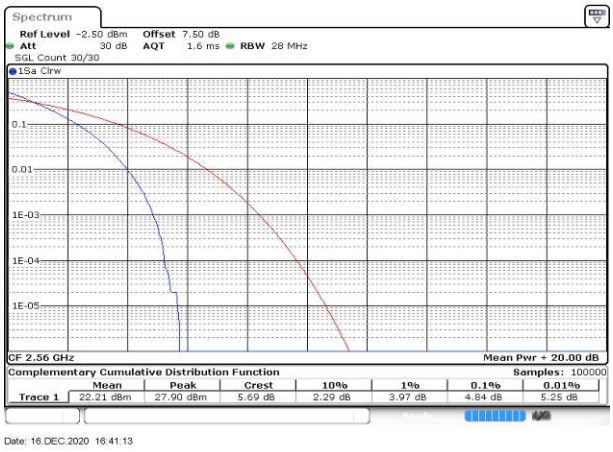

Fig.70

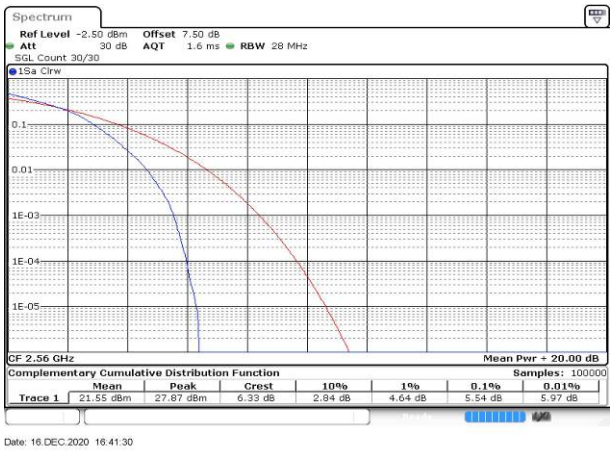

Fig.71

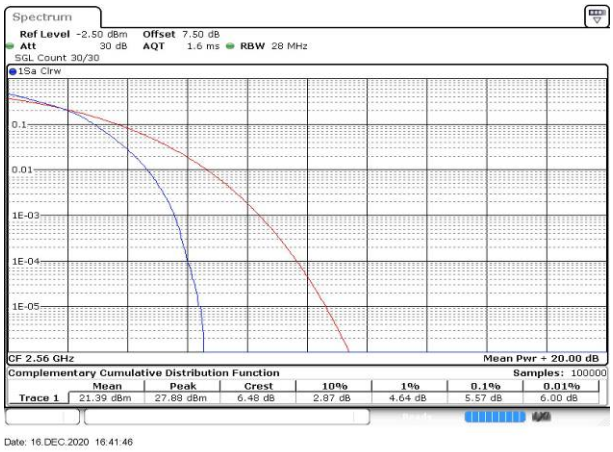

Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
7	2510	20850	20	1	0	Fig.1
	2535	21100		1	0	Fig.2
	2560	21350		1	0	Fig.3

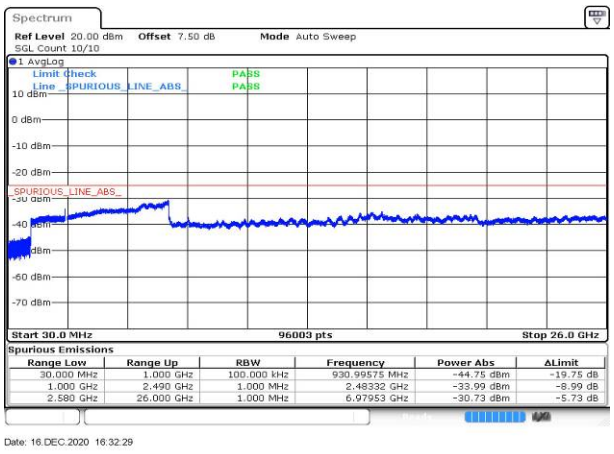

Fig.1

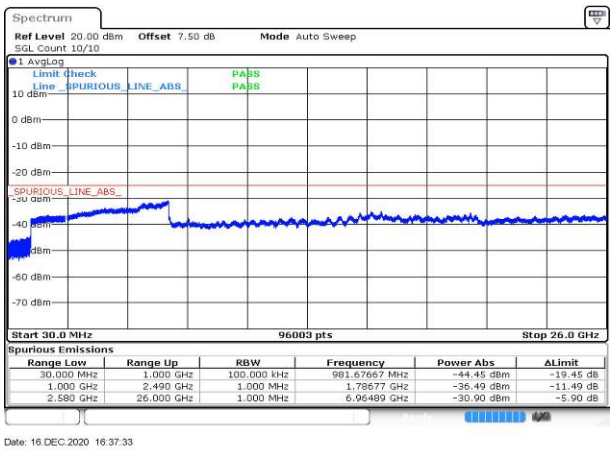

Fig.2

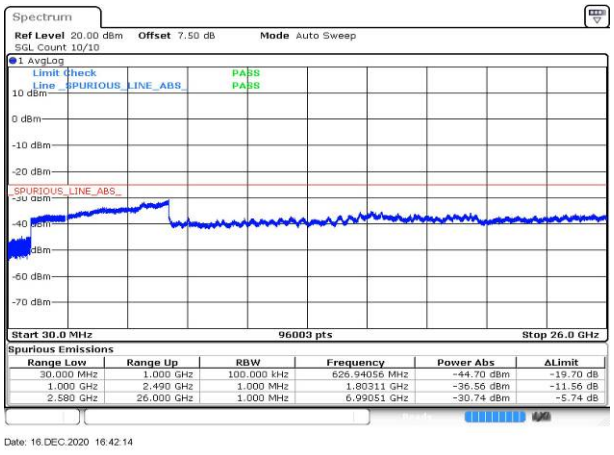

Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
7	2502.5	20775	5	1	0	Fig.1
				25	0	Fig.2
	2567.5	21425		1	24	Fig.3
				25	0	Fig.4
	2505	20800	10	1	0	Fig.5
				50	0	Fig.6
	2565	21400		1	49	Fig.7
				50	0	Fig.8
	2507.5	20825	15	1	0	Fig.9
				75	0	Fig.10
	2562.5	21375		1	74	Fig.11
				75	0	Fig.12
	2510	20850	20	1	0	Fig.13
				100	0	Fig.14
	2560	21350		1	99	Fig.15
				100	0	Fig.16

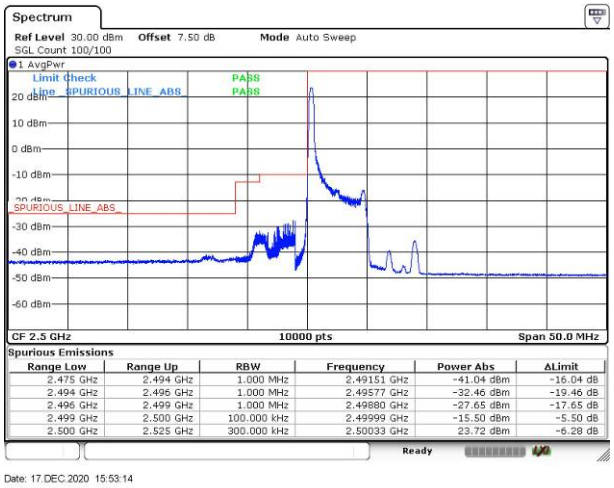

Fig.1

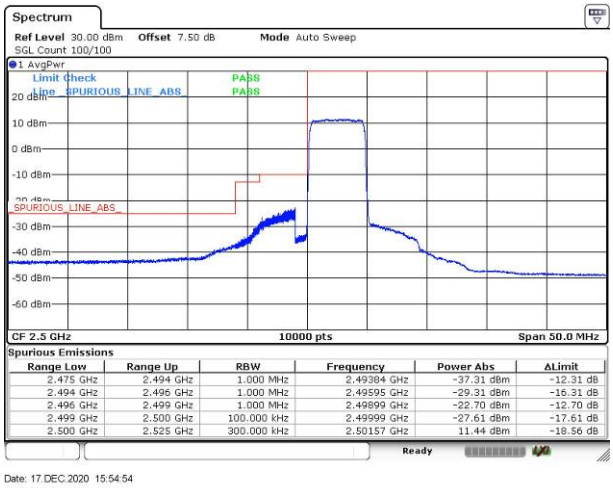

Fig.2

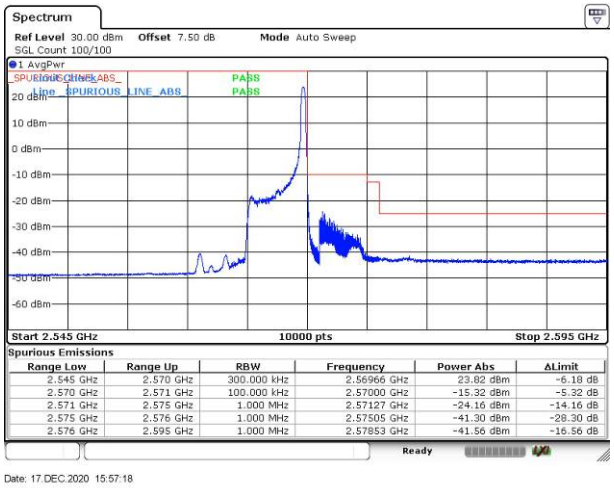

Fig.3

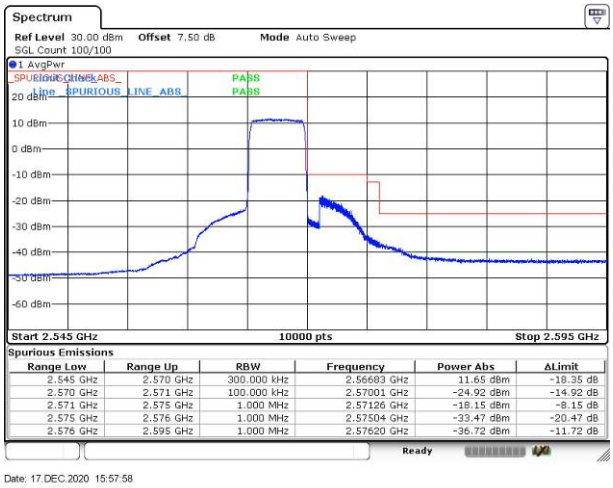

Fig.4

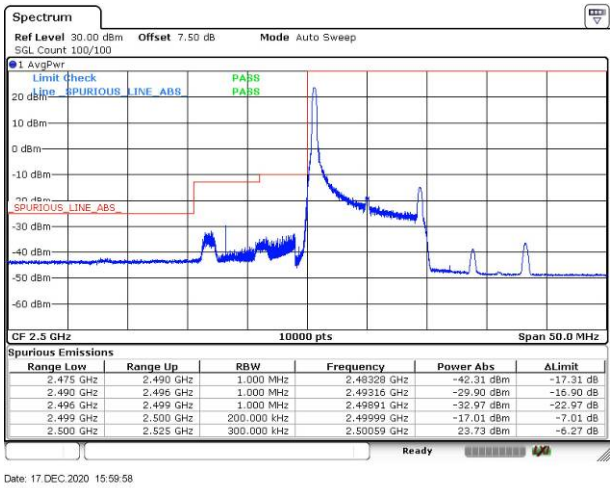

Fig.5

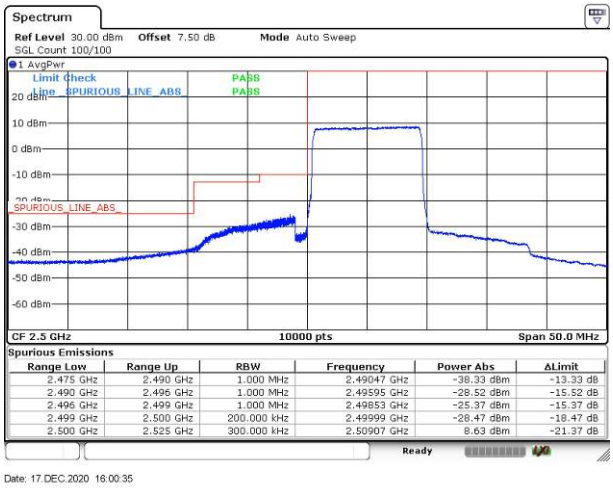

Fig.6

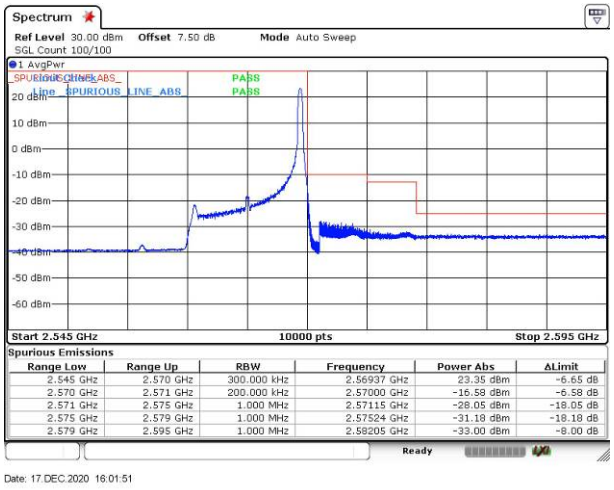

Fig.7

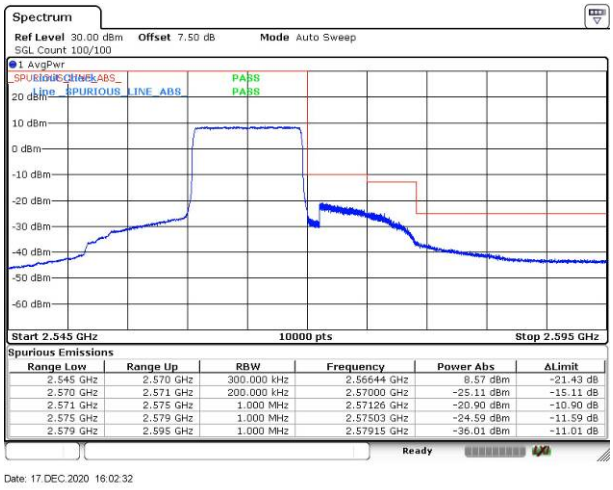

Fig.8

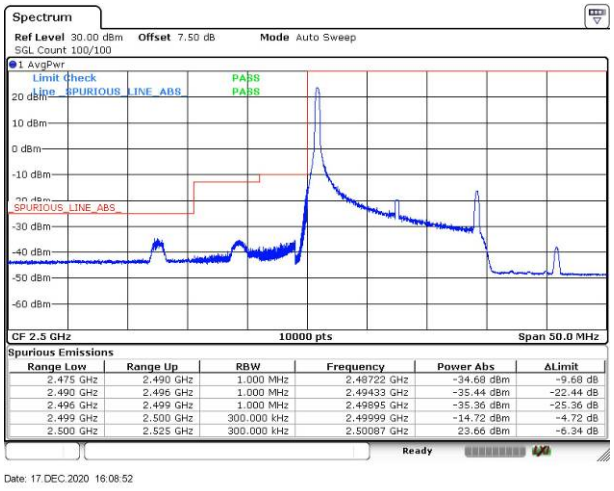

Fig.9

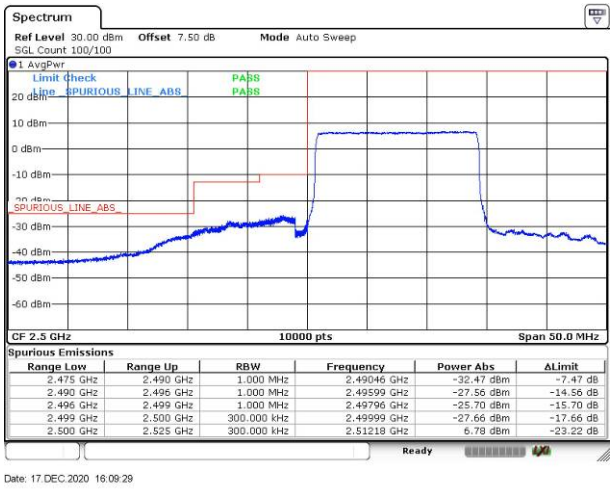

Fig.10

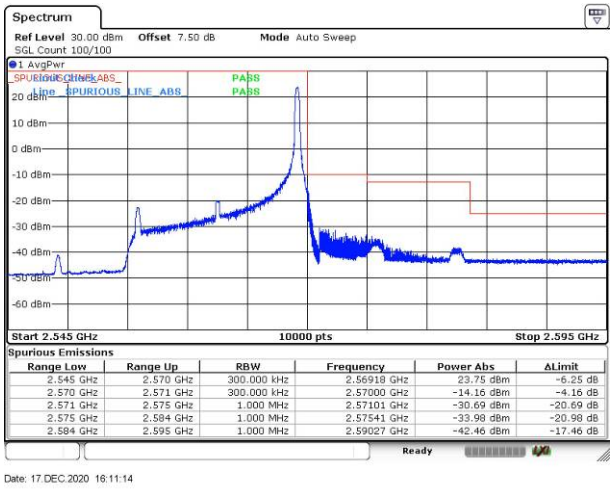

Fig.11

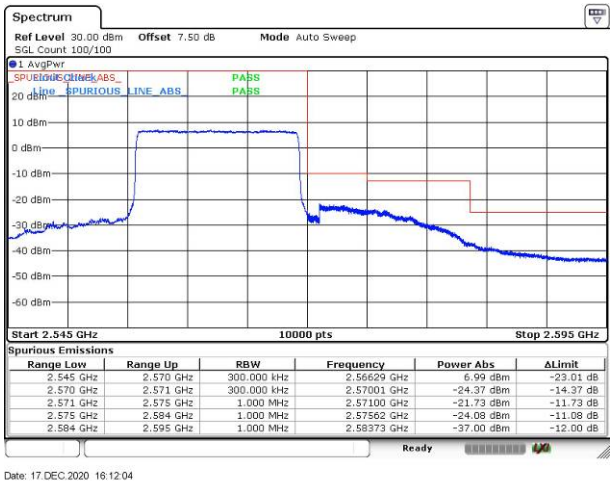

Fig.12

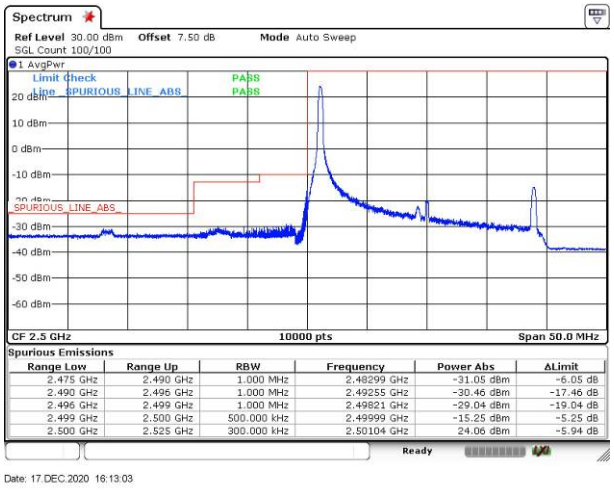

Fig.13

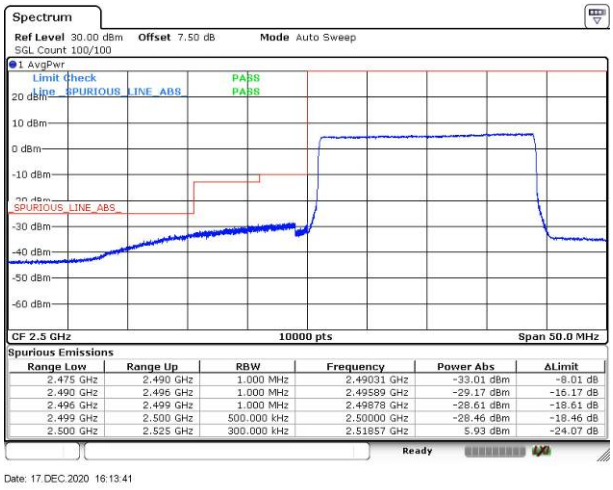

Fig.14

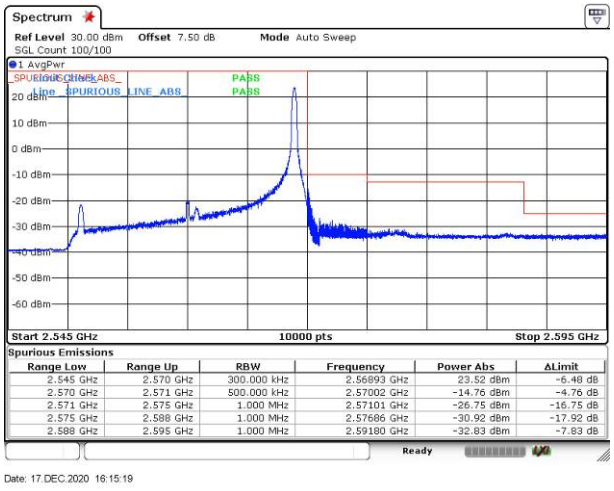

Fig.15

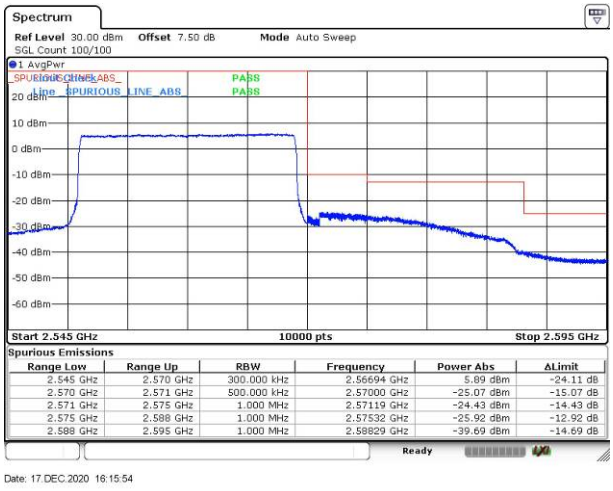

Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band7 Low Channel QPSK			
		5M	10M	15M	20M
-10	NV	-0.005	-0.014	-0.011	-0.014
0	NV	-0.020	-0.016	0.004	-0.016
+10	NV	-0.011	-0.018	-0.012	-0.007
+20	NV	0.000	0.000	0.000	0.000
+30	NV	-0.019	-0.014	-0.022	-0.005
+40	NV	-0.007	-0.018	-0.012	-0.019
+50	NV	-0.010	-0.009	-0.010	-0.011
+55	NV	-0.014	-0.007	-0.008	-0.006
+20	LV	0.003	-0.008	-0.020	-0.015
+20	HV	-0.010	-0.006	-0.012	-0.020

Temperature(°C)	Voltage	Test Result (ppm) Band7 High Channel QPSK			
		5M	10M	15M	20M
-10	NV	-0.013	-0.007	-0.017	0.001
0	NV	-0.006	-0.009	-0.003	-0.005
+10	NV	-0.005	-0.009	-0.012	-0.020
+20	NV	0.000	0.000	0.000	0.000
+30	NV	-0.004	-0.009	-0.013	-0.010
+40	NV	-0.007	-0.009	-0.014	-0.002
+50	NV	-0.016	-0.013	-0.016	0.002
+50	NV	-0.011	-0.010	-0.014	0.007
+20	LV	-0.018	-0.015	-0.007	-0.014
+20	HV	-0.010	-0.005	-0.015	-0.008

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	2502.5	20775	5	1	0	24.09	22.09	0.162
				1	12	24.06	22.06	0.161
				1	24	24.15	22.15	0.164
				12	0	23.14	21.14	0.130
				12	7	23.02	21.02	0.126
				12	13	23.01	21.01	0.126
				25	0	22.99	20.99	0.126
	2535	21100		1	0	24.21	22.21	0.166
				1	12	24.25	22.25	0.168
				1	24	24.23	22.23	0.167
				12	0	23.19	21.19	0.132
				12	7	23.25	21.25	0.133
				12	13	23.26	21.26	0.134
				25	0	23.30	21.30	0.135
	2567.5	21425		1	0	23.84	21.84	0.153
				1	12	23.76	21.76	0.150
				1	24	23.74	21.74	0.149
				12	0	23.19	21.19	0.132
				12	7	23.04	21.04	0.127
				12	13	23.04	21.04	0.127
				25	0	23.11	21.11	0.129
16QAM	2502.5	20775		1	0	22.45	20.45	0.111
				1	12	22.28	20.28	0.107
				1	24	22.28	20.28	0.107
				12	0	22.16	20.16	0.104
				12	7	22.03	20.03	0.101
				12	13	22.04	20.04	0.101
				25	0	22.40	20.40	0.110
	2535	21100		1	0	23.19	21.19	0.132
				1	12	23.33	21.33	0.136
				1	24	23.37	21.37	0.137
				12	0	22.31	20.31	0.107
				12	7	22.55	20.55	0.114
				12	13	22.40	20.40	0.110
				25	0	22.42	20.42	0.110
	2567.5	21425		1	0	22.74	20.74	0.119
				1	12	22.65	20.65	0.116
				1	24	22.64	20.64	0.116
				12	0	22.00	20.00	0.100
				12	7	22.05	20.05	0.101
				12	13	21.93	19.93	0.098
				25	0	22.02	20.02	0.100

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2502.5	20775	5	1	0	22.40	20.40	0.110
				1	12	22.40	20.40	0.110
				1	24	21.89	19.89	0.097
				12	0	21.89	19.89	0.097
				12	7	22.39	20.39	0.109
				12	13	21.89	19.89	0.097
				25	0	22.40	20.40	0.110
	2535	21100		1	0	22.35	20.35	0.108
				1	12	22.41	20.41	0.110
				1	24	22.40	20.40	0.110
				12	0	22.23	20.23	0.105
				12	7	22.40	20.40	0.110
				12	13	22.40	20.40	0.110
				25	0	22.24	20.24	0.106
	2567.5	21425		1	0	22.03	20.03	0.101
				1	12	22.02	20.02	0.100
				1	24	22.03	20.03	0.101
				12	0	22.02	20.02	0.100
				12	7	22.03	20.03	0.101
				12	13	22.20	20.20	0.105
				25	0	22.25	20.25	0.106

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2505	20800	10	1	0	23.94	21.94	0.156
				1	25	23.91	21.91	0.155
				1	49	24.09	22.09	0.162
				25	0	23.00	21.00	0.126
				25	12	22.92	20.92	0.124
				25	25	22.95	20.95	0.124
				50	0	23.16	21.16	0.131
	2535	21100		1	0	24.11	22.11	0.163
				1	25	24.26	22.26	0.168
				1	49	24.25	22.25	0.168
				25	0	23.16	21.16	0.131
				25	12	23.24	21.24	0.133
				25	25	23.24	21.24	0.133
				50	0	23.20	21.20	0.132
	2565	21400		1	0	24.19	22.19	0.166
				1	25	24.13	22.13	0.163
				1	49	24.11	22.11	0.163
				25	0	23.20	21.20	0.132
				25	12	23.04	21.04	0.127
				25	25	23.04	21.04	0.127
				50	0	23.01	21.01	0.126
16QAM	2505	20800		1	0	23.30	21.30	0.135
				1	25	23.32	21.32	0.136
				1	49	23.32	21.32	0.136
				25	0	22.10	20.10	0.102
				25	12	22.14	20.14	0.103
				25	25	22.14	20.14	0.103
				50	0	22.22	20.22	0.105
	2535	21100		1	0	23.49	21.49	0.141
				1	25	23.50	21.50	0.141
				1	49	23.50	21.50	0.141
				25	0	22.36	20.36	0.109
				25	12	22.44	20.44	0.111
				25	25	22.45	20.45	0.111
				50	0	22.40	20.40	0.110
	2565	21400		1	0	23.04	21.04	0.127
				1	25	22.94	20.94	0.124
				1	49	22.94	20.94	0.124
				25	0	22.38	20.38	0.109
				25	12	22.21	20.21	0.105
				25	25	22.21	20.21	0.105
				50	0	22.27	20.27	0.106

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2505	20800	10	1	0	22.22	20.22	0.105
				1	25	22.22	20.22	0.105
				1	49	22.22	20.22	0.105
				25	0	22.22	20.22	0.105
				25	12	22.23	20.23	0.105
				25	25	22.22	20.22	0.105
				50	0	22.22	20.22	0.105
	2535	21100		1	0	22.41	20.41	0.110
				1	25	22.41	20.41	0.110
				1	49	22.41	20.41	0.110
				25	0	22.41	20.41	0.110
				25	12	22.41	20.41	0.110
				25	25	22.41	20.41	0.110
				50	0	22.41	20.41	0.110
	2565	21400		1	0	22.27	20.27	0.106
				1	25	22.27	20.27	0.106
				1	49	22.27	20.27	0.106
				25	0	22.26	20.26	0.106
				25	12	22.27	20.27	0.106
				25	25	22.27	20.27	0.106
				50	0	22.27	20.27	0.106

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2507.5	20825	15	1	0	24.00	22.00	0.158
				1	37	24.07	22.07	0.161
				1	74	24.00	22.00	0.158
				36	0	23.05	21.05	0.127
				36	29	22.83	20.83	0.121
				36	30	23.22	21.22	0.132
				75	0	23.12	21.12	0.129
	2535	21100		1	0	24.27	22.27	0.169
				1	37	24.24	22.24	0.167
				1	74	24.33	22.33	0.171
				36	0	23.39	21.39	0.138
				36	29	23.32	21.32	0.136
				36	30	23.32	21.32	0.136
				75	0	23.25	21.25	0.133
	2562.5	21375		1	0	24.20	22.20	0.166
				1	37	23.97	21.97	0.157
				1	74	23.95	21.95	0.157
				36	0	23.13	21.13	0.130
				36	29	23.10	21.10	0.129
				36	30	23.10	21.10	0.129
				75	0	23.18	21.18	0.131
16QAM	2507.5	20825		1	0	23.39	21.39	0.138
				1	37	23.35	21.35	0.136
				1	74	23.34	21.34	0.136
				36	0	22.27	20.27	0.106
				36	29	22.26	20.26	0.106
				36	30	22.26	20.26	0.106
				75	0	22.00	20.00	0.100
	2535	21100		1	0	23.77	21.77	0.150
				1	37	23.74	21.74	0.149
				1	74	23.73	21.73	0.149
				36	0	22.27	20.27	0.106
				36	29	22.37	20.37	0.109
				36	30	22.37	20.37	0.109
				75	0	22.31	20.31	0.107
	2562.5	21375		1	0	23.47	21.47	0.140
				1	37	23.53	21.53	0.142
				1	74	23.48	21.48	0.141
				36	0	22.30	20.30	0.107
				36	29	22.14	20.14	0.103
				36	30	22.14	20.14	0.103
				75	0	22.21	20.21	0.105

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2507.5	20825	15	1	0	22.00	20.00	0.100
				1	37	21.99	19.99	0.100
				1	74	22.37	20.37	0.109
				36	0	22.17	20.17	0.104
				36	29	22.18	20.18	0.104
				36	30	22.18	20.18	0.104
				75	0	22.18	20.18	0.104
	2535	21100		1	0	22.31	20.31	0.107
				1	37	22.32	20.32	0.108
				1	74	22.32	20.32	0.108
				36	0	22.32	20.32	0.108
				36	29	22.32	20.32	0.108
				36	30	22.33	20.33	0.108
				75	0	22.33	20.33	0.108
	2562.5	21375		1	0	22.21	20.21	0.105
				1	37	22.21	20.21	0.105
				1	74	22.21	20.21	0.105
				36	0	22.21	20.21	0.105
				36	29	22.20	20.20	0.105
				36	30	22.20	20.20	0.105
				75	0	22.20	20.20	0.105

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2510	20850	20	1	0	24.10	22.10	0.162
				1	49	24.13	22.13	0.163
				1	99	24.12	22.12	0.163
				50	0	23.10	21.10	0.129
				50	24	23.05	21.05	0.127
				50	50	23.05	21.05	0.127
				100	0	23.23	21.23	0.133
	2535	21100		1	0	24.45	22.45	0.176
				1	49	24.46	22.46	0.176
				1	99	24.39	22.39	0.173
				50	0	23.29	21.29	0.135
				50	24	23.29	21.29	0.135
				50	50	23.28	21.28	0.134
				100	0	23.27	21.27	0.134
	2560	21350		1	0	24.28	22.28	0.169
				1	49	24.15	22.15	0.164
				1	99	24.05	22.05	0.160
				50	0	23.15	21.15	0.130
				50	24	23.18	21.18	0.131
				50	50	23.19	21.19	0.132
				100	0	23.06	21.06	0.128
16QAM	2510	20850		1	0	23.03	21.03	0.127
				1	49	22.95	20.95	0.124
				1	99	22.96	20.96	0.125
				50	0	22.24	20.24	0.106
				50	24	22.26	20.26	0.106
				50	50	22.27	20.27	0.106
				100	0	22.11	20.11	0.103
	2535	21100		1	0	23.86	21.86	0.153
				1	49	23.90	21.90	0.155
				1	99	23.89	21.89	0.155
				50	0	22.49	20.49	0.112
				50	24	22.30	20.30	0.107
				50	50	22.30	20.30	0.107
				100	0	22.30	20.30	0.107
	2560	21350		1	0	23.99	21.99	0.158
				1	49	23.75	21.75	0.150
				1	99	23.75	21.75	0.150
				50	0	22.37	20.37	0.109
				50	24	22.24	20.24	0.106
				50	50	22.25	20.25	0.106
				100	0	22.41	20.41	0.110

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
64QAM	2510	20850	20	1	0	22.10	20.10	0.102
				1	49	22.10	20.10	0.102
				1	99	22.10	20.10	0.102
				50	0	22.11	20.11	0.103
				50	24	22.11	20.11	0.103
				50	50	22.11	20.11	0.103
				100	0	22.11	20.11	0.103
	2535	21100		1	0	22.30	20.30	0.107
				1	49	22.31	20.31	0.107
				1	99	22.31	20.31	0.107
				50	0	22.31	20.31	0.107
				50	24	22.31	20.31	0.107
				50	50	22.32	20.32	0.108
				100	0	22.31	20.31	0.107
	2560	21350		1	0	22.27	20.27	0.106
				1	49	22.28	20.28	0.107
				1	99	22.28	20.28	0.107
				50	0	22.42	20.42	0.110
				50	24	22.42	20.42	0.110
				50	50	22.41	20.41	0.110
				100	0	22.41	20.41	0.110