

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 26

RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	824.7	26797	1.4	1	0	24.53
				1	5	24.50
				3	2	23.64
				6	0	23.61
	836.5	26915		1	0	24.47
				1	5	24.49
				3	2	23.69
				6	0	23.52
	848.3	27033		1	0	24.66
				1	5	24.43
				3	2	23.47
				6	0	23.56
16QAM	824.7	26797	1.4	1	0	24.20
				1	5	24.24
				3	2	22.60
				6	0	22.65
	836.5	26915		1	0	24.28
				1	5	24.23
				3	2	22.70
				6	0	22.56
	848.3	27033		1	0	24.28
				1	5	24.13
				3	2	22.71
				6	0	22.64
64QAM	824.7	26797	1.4	1	0	24.12
				1	5	24.27
				3	2	22.66
				6	0	22.60
	836.5	26915		1	0	24.27
				1	5	24.14
				3	2	22.61
				6	0	22.54
	848.3	27033		1	0	24.23
				1	5	24.12
				3	2	22.70
				6	0	22.54

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	26805	3	1	0	24.55
				1	14	24.55
				8	4	23.62
				15	0	23.66
	836.5	26915		1	0	24.51
				1	14	24.45
				8	4	23.63
				15	0	23.54
	847.5	27025		1	0	24.64
				1	14	24.44
				8	4	23.61
				15	0	23.61
16QAM	825.5	26805	3	1	0	24.15
				1	14	24.25
				8	4	22.61
				15	0	22.57
	836.5	26915		1	0	24.27
				1	14	24.20
				8	4	22.60
				15	0	22.53
	847.5	27025		1	0	24.38
				1	14	24.19
				8	4	22.72
				15	0	22.55
64QAM	825.5	26805	3	1	0	24.17
				1	14	24.22
				8	4	22.70
				15	0	22.52
	836.5	26915		1	0	24.31
				1	14	24.09
				8	4	22.66
				15	0	22.57
	847.5	27025		1	0	24.28
				1	14	24.21
				8	4	22.68
				15	0	22.56

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	826.5	26815	5	1	0	24.51
				1	24	24.60
				12	6	23.72
				25	0	23.67
	836.5	26915		1	0	24.52
				1	24	24.41
				12	6	23.64
				25	0	23.56
	846.5	27015		1	0	24.59
				1	24	24.46
				12	6	23.46
				25	0	23.68
16QAM	826.5	26815	5	1	0	24.24
				1	24	24.18
				12	6	22.72
				25	0	22.56
	836.5	26915		1	0	24.31
				1	24	24.16
				12	6	22.59
				25	0	22.59
	846.5	27015		1	0	24.33
				1	24	24.20
				12	6	22.68
				25	0	22.65
64QAM	826.5	26815	5	1	0	24.12
				1	24	24.15
				12	6	22.60
				25	0	22.54
	836.5	26915		1	0	24.22
				1	24	24.21
				12	6	22.68
				25	0	22.62
	846.5	27015		1	0	24.25
				1	24	24.09
				12	6	22.59
				25	0	22.54

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	829	26840	10	1	0	24.55
				1	49	24.53
				24	12	23.66
				50	0	23.59
	836.5	26915		1	0	24.56
				1	49	24.49
				24	12	23.64
				50	0	23.63
	844	26990		1	0	24.58
				1	49	24.47
				24	12	23.52
				50	0	23.59
16QAM	829	26840	10	1	0	24.17
				1	49	24.21
				24	12	22.64
				50	0	22.67
	836.5	26915		1	0	24.31
				1	49	24.19
				24	12	22.58
				50	0	22.63
	844	26990		1	0	24.32
				1	49	24.21
				24	12	22.69
				50	0	22.55
64QAM	829	26840	10	1	0	24.18
				1	49	24.15
				24	12	22.71
				50	0	22.61
	836.5	26915		1	0	24.19
				1	49	24.20
				24	12	22.70
				50	0	22.51
	844	26990		1	0	24.23
				1	49	24.11
				24	12	22.67
				50	0	22.55

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	831.5	26865	15	1	0	24.62
				1	74	24.63
				40	18	23.75
				75	0	23.72
	836.5	26915		1	0	24.60
				1	74	24.52
				40	18	23.69
				75	0	23.63
	841.5	26965		1	0	24.67
				1	74	24.51
				40	18	23.61
				75	0	23.71
16QAM	831.5	26865	15	1	0	24.27
				1	74	24.31
				40	18	22.74
				75	0	22.69
	836.5	26915		1	0	24.32
				1	74	24.29
				40	18	22.71
				75	0	22.68
	841.5	26965		1	0	24.39
				1	74	24.26
				40	18	22.76
				75	0	22.68
64QAM	831.5	26865	15	1	0	24.26
				1	74	24.28
				40	18	22.73
				75	0	22.65
	836.5	26915		1	0	24.31
				1	74	24.24
				40	18	22.73
				75	0	22.63
	841.5	26965		1	0	24.35
				1	74	24.24
				40	18	22.71
				75	0	22.62

Occupied Bandwidth
Test result

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)					
						QPSK		16-QAM		64-QAM	
26	824.7	26797	1.4	6	0	1.094	Fig.1	1.094	Fig.2	1.094	Fig.3
	836.5	26915		6	0	1.088	Fig.4	1.094	Fig.5	1.094	Fig.6
	848.3	27033		6	0	1.088	Fig.7	1.100	Fig.8	1.094	Fig.9
	825.5	26805	3	15	0	2.748	Fig.10	2.748	Fig.11	2.748	Fig.12
	836.5	26915		15	0	2.735	Fig.13	2.735	Fig.14	2.735	Fig.15
	847.5	27025		15	0	2.748	Fig.16	2.748	Fig.17	2.748	Fig.18
	826.5	26815	5	25	0	4.515	Fig.19	4.493	Fig.20	4.515	Fig.21
	836.5	26915		25	0	4.493	Fig.22	4.515	Fig.23	4.515	Fig.24
	846.5	27015		25	0	4.493	Fig.25	4.493	Fig.26	4.493	Fig.27
	829	26840	10	50	0	9.074	Fig.28	9.074	Fig.29	9.030	Fig.30
	836.5	26915		50	0	9.030	Fig.31	9.030	Fig.32	9.030	Fig.33
	844	26990		50	0	9.030	Fig.34	9.074	Fig.35	9.030	Fig.36
	831.5	26865	15	75	0	13.415	Fig.37	13.546	Fig.38	13.546	Fig.39
	836.5	26915		75	0	13.415	Fig.40	13.415	Fig.41	13.415	Fig.42
	841.5	26965		75	0	13.480	Fig.43	13.480	Fig.44	13.480	Fig.45

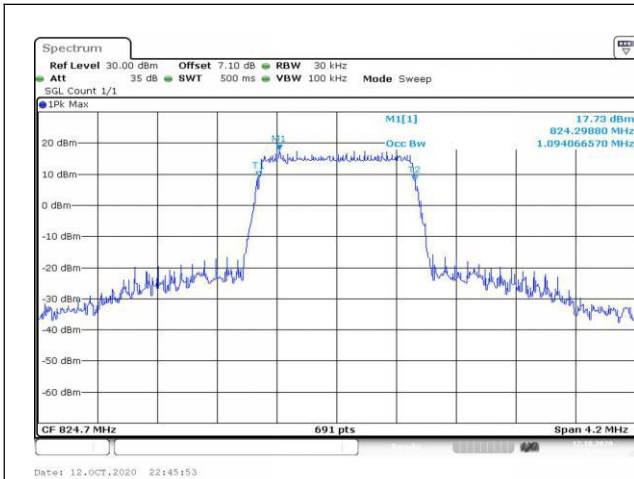


Fig.1

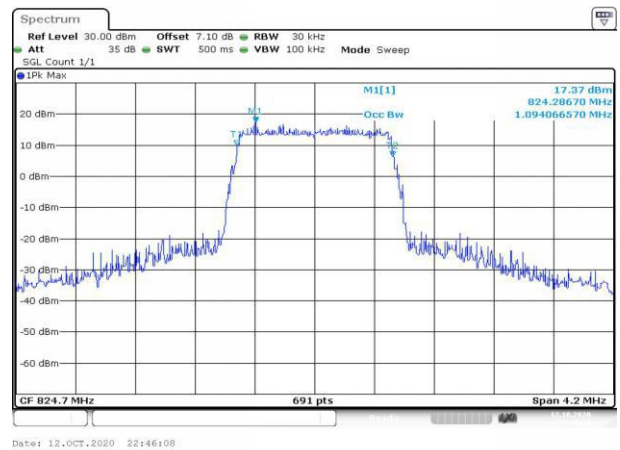


Fig.2

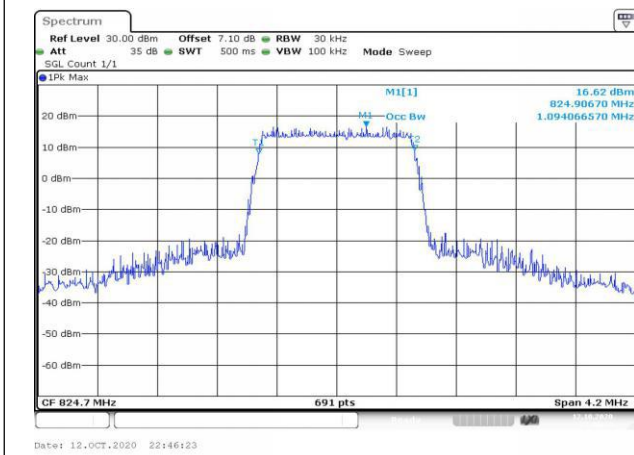


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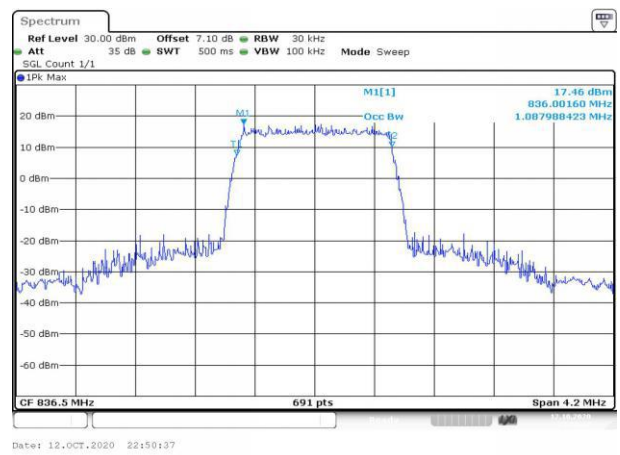


Fig.4

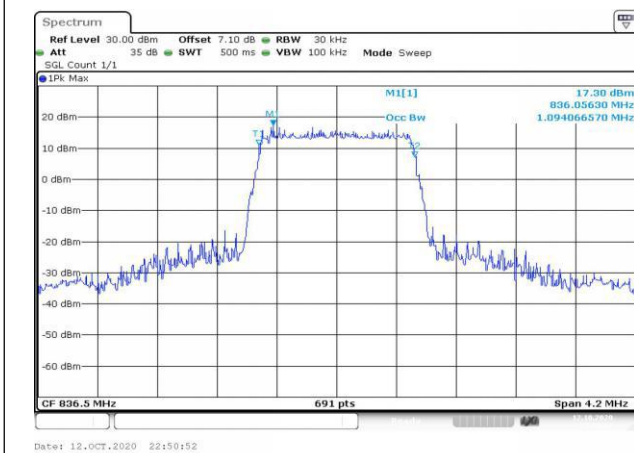


Fig.5

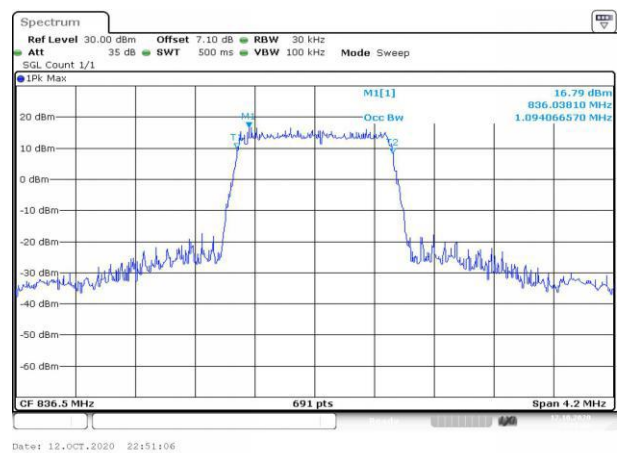
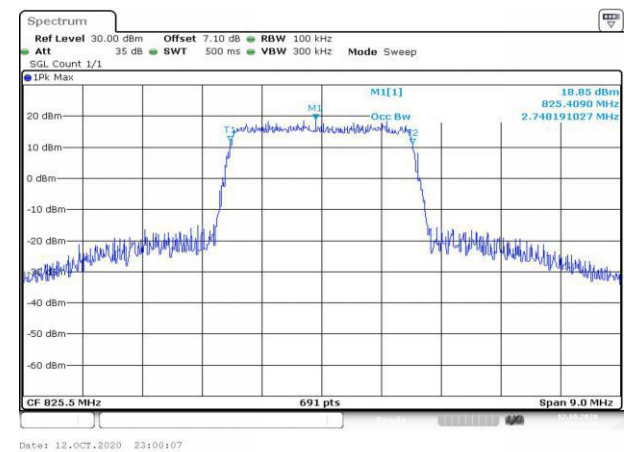
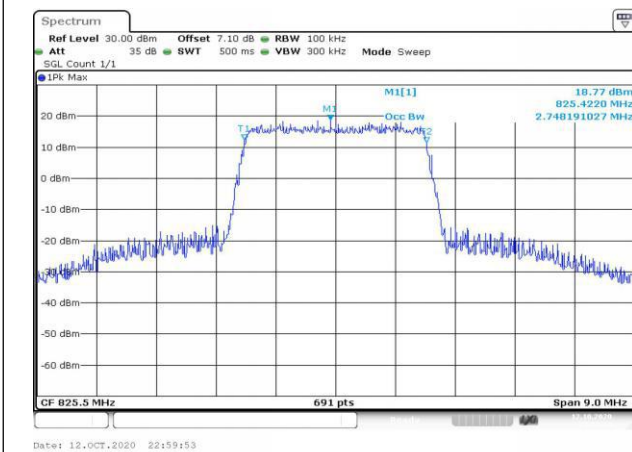
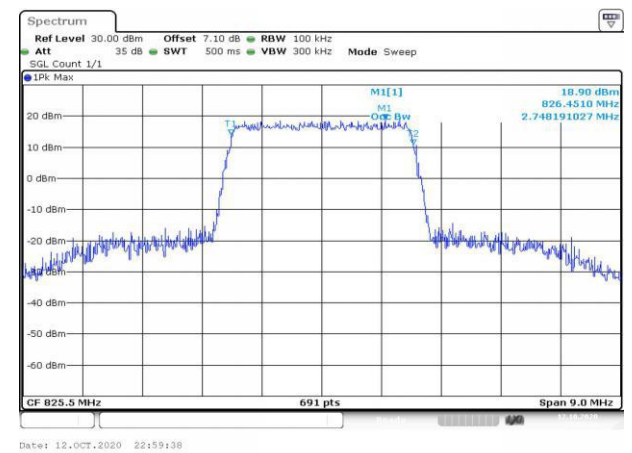
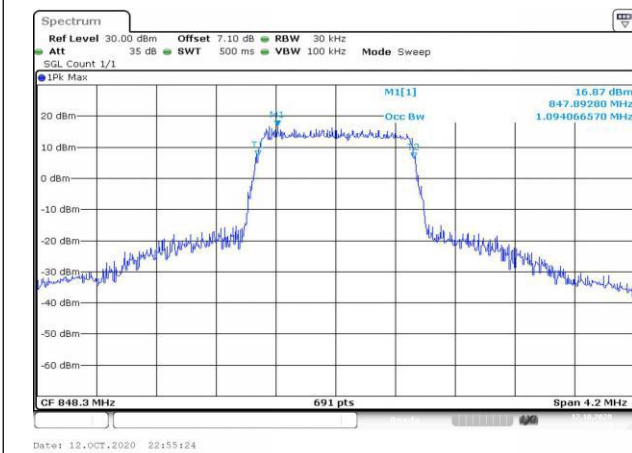
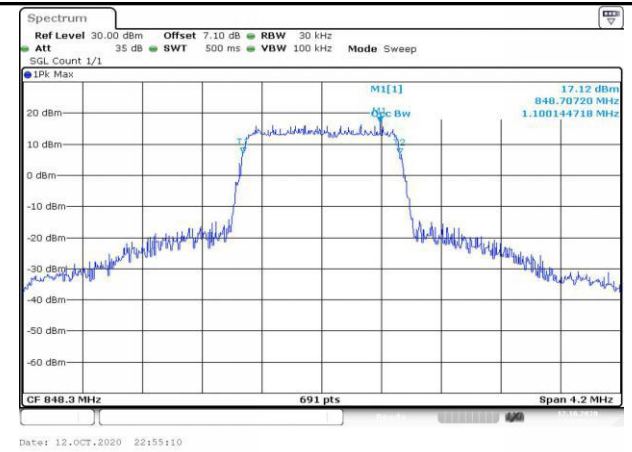
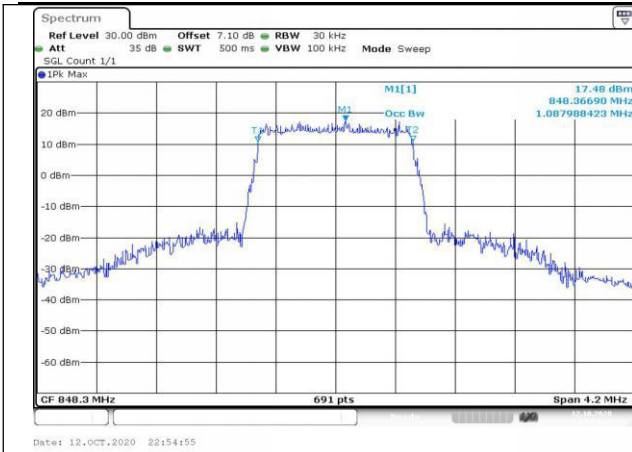
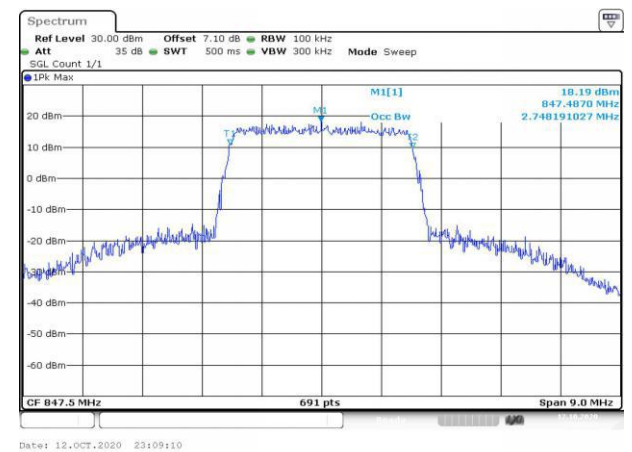
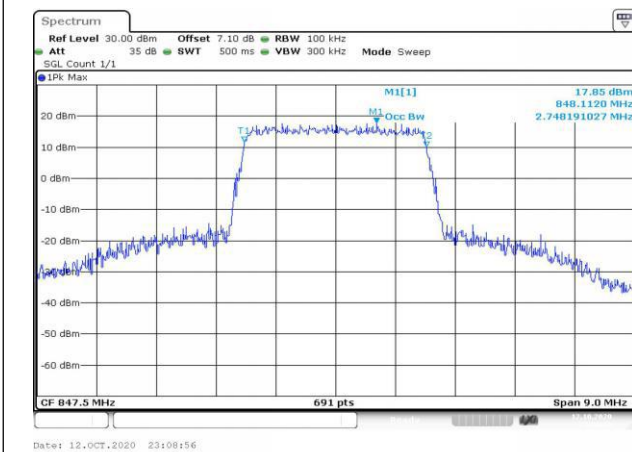
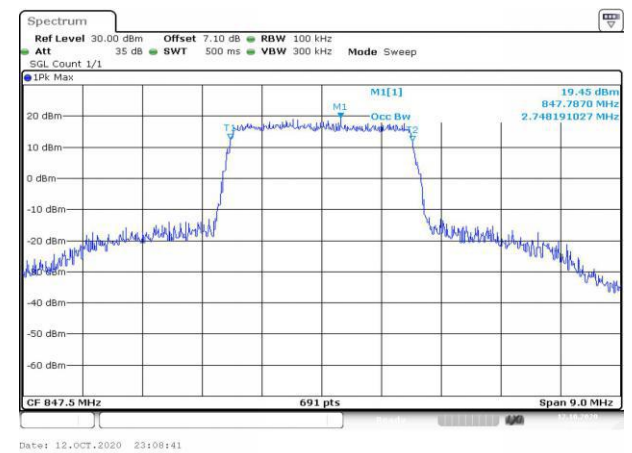
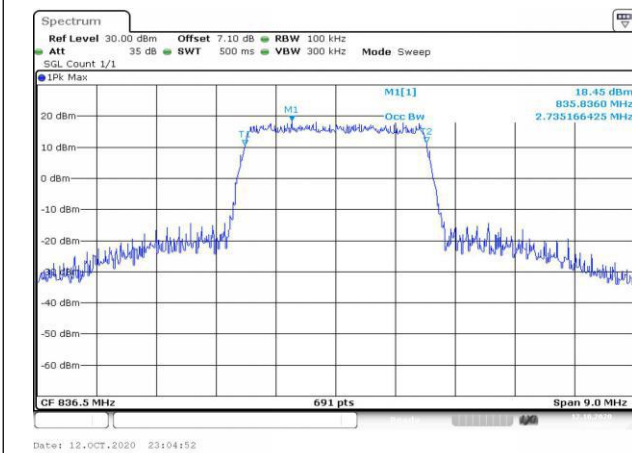
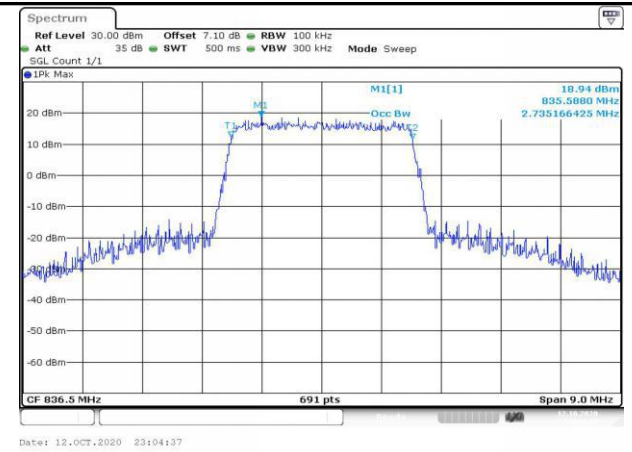
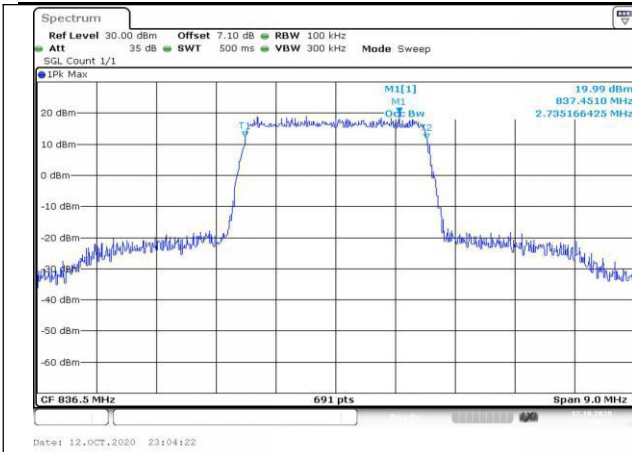
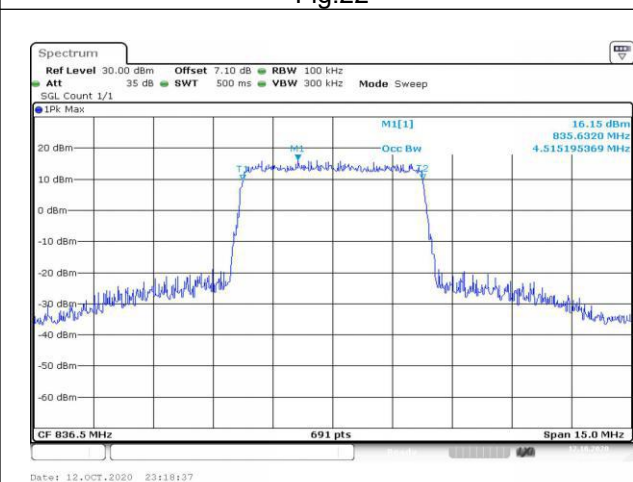
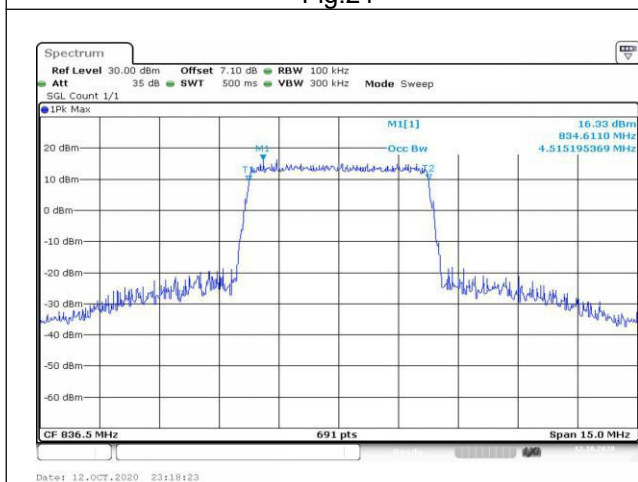
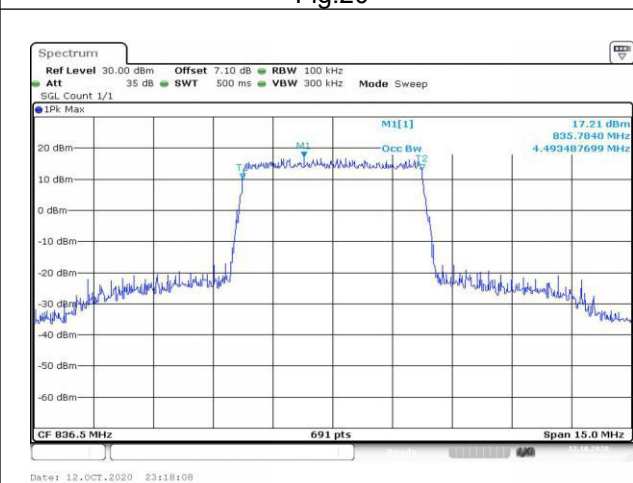
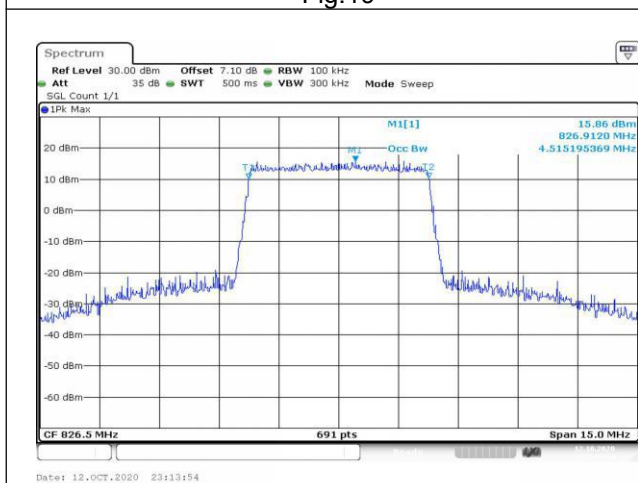
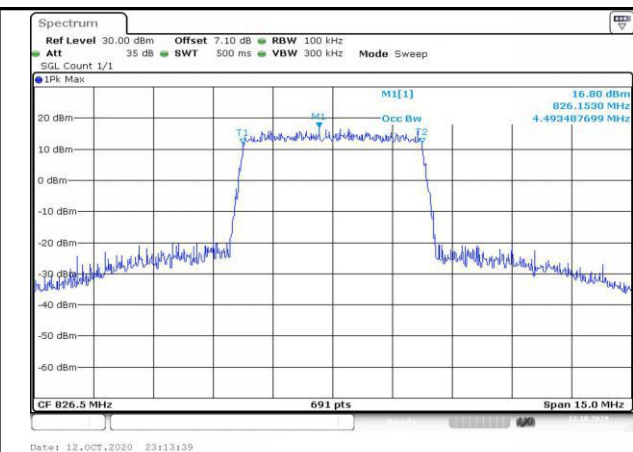
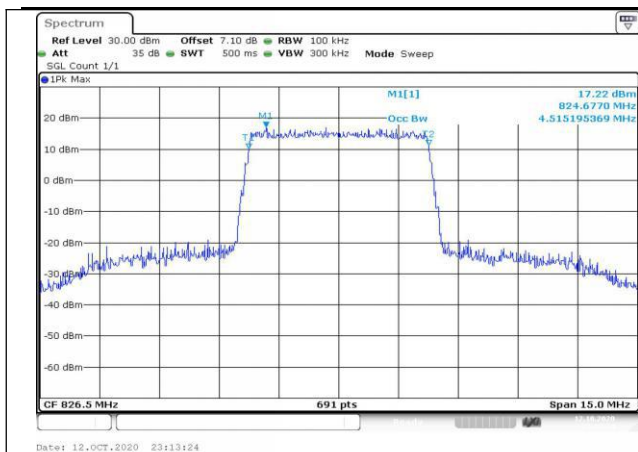
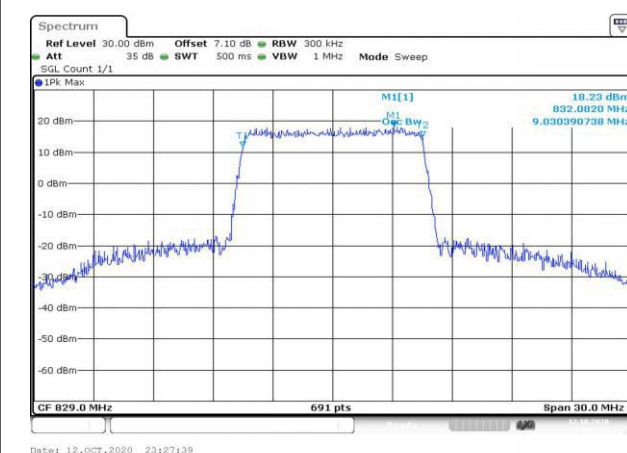
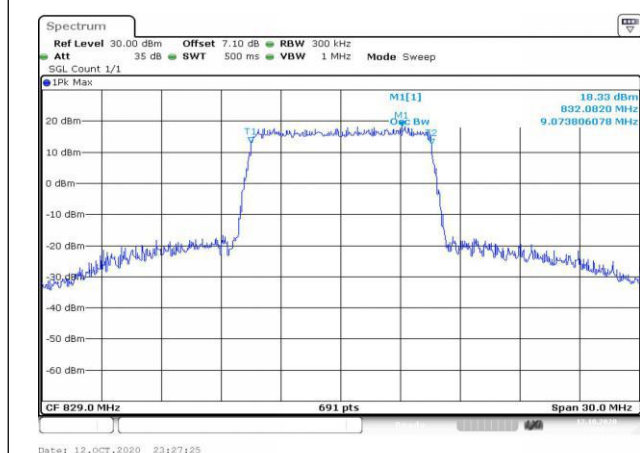
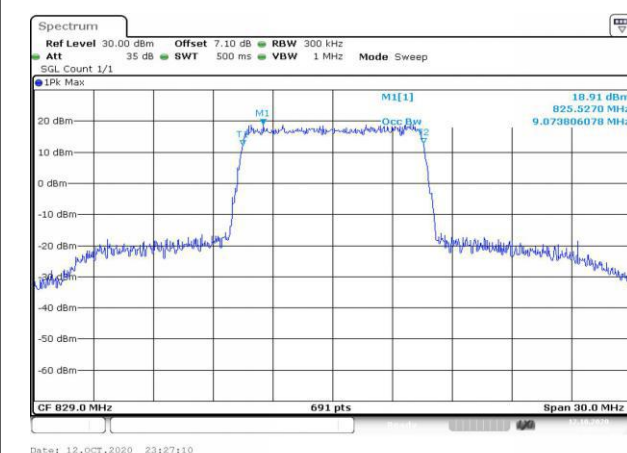
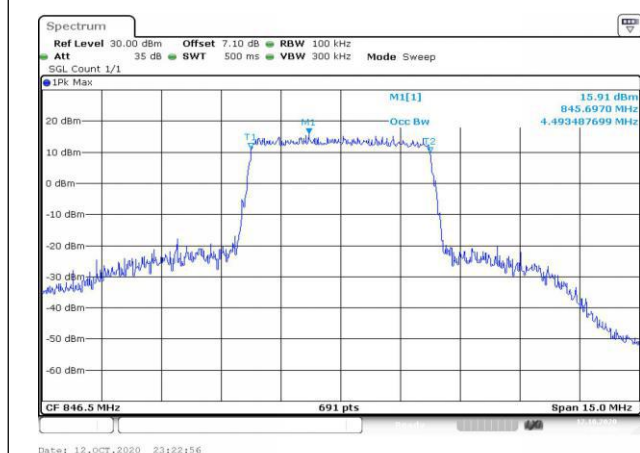
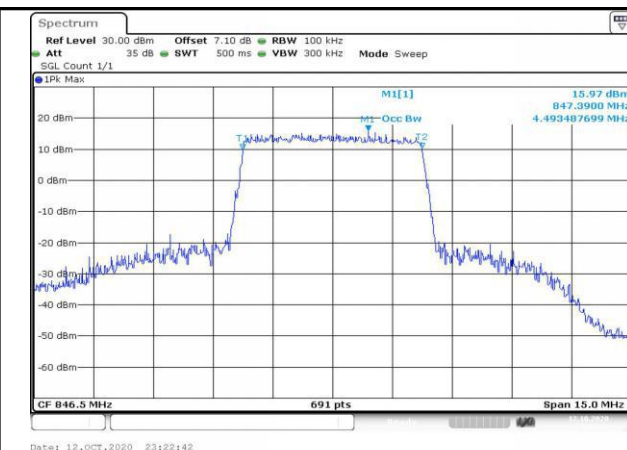
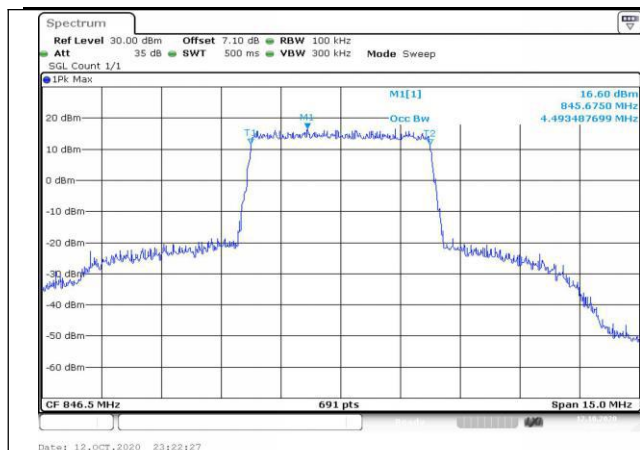


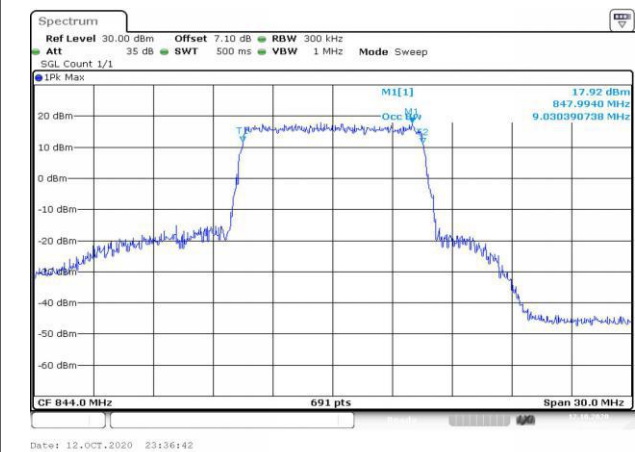
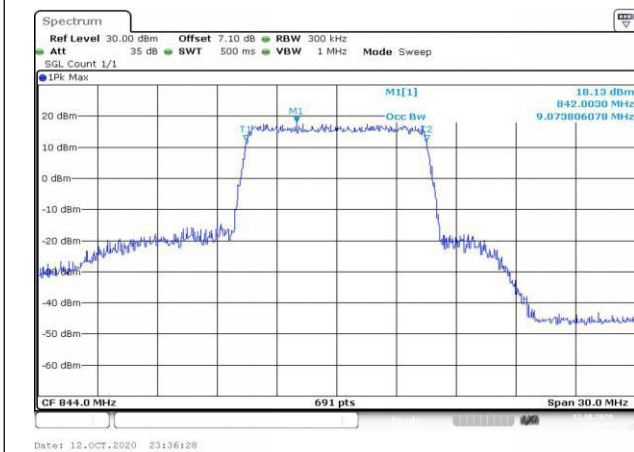
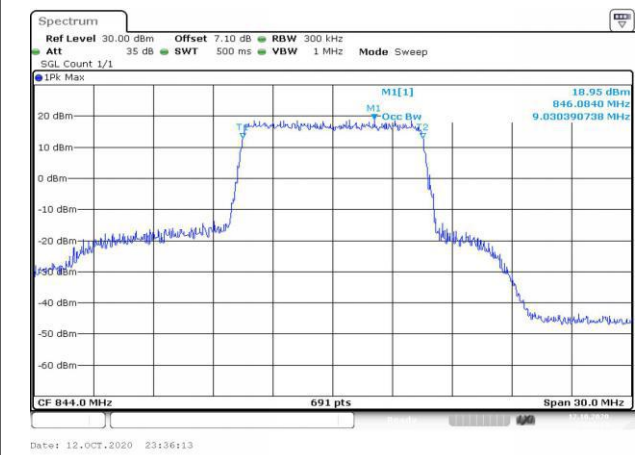
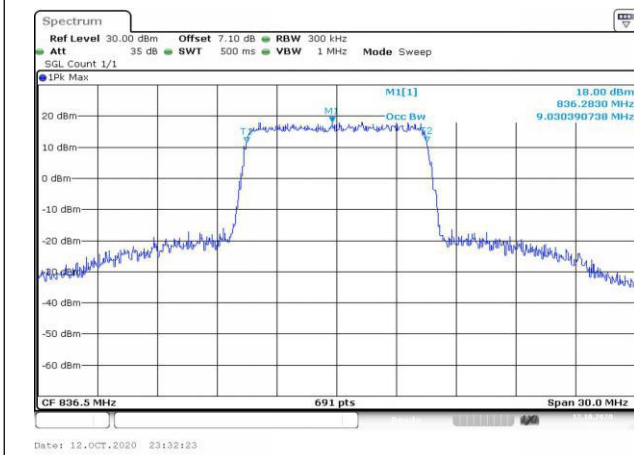
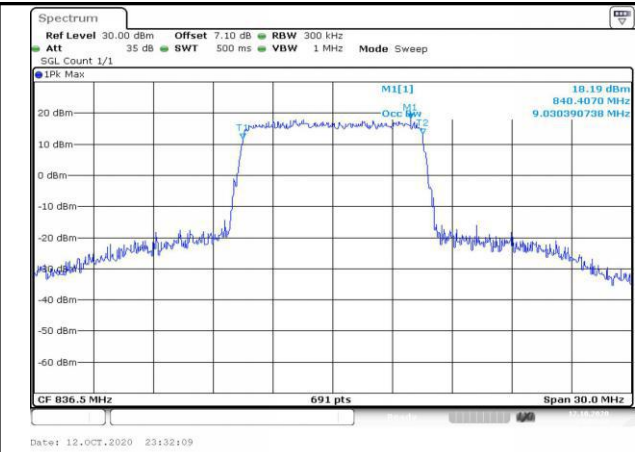
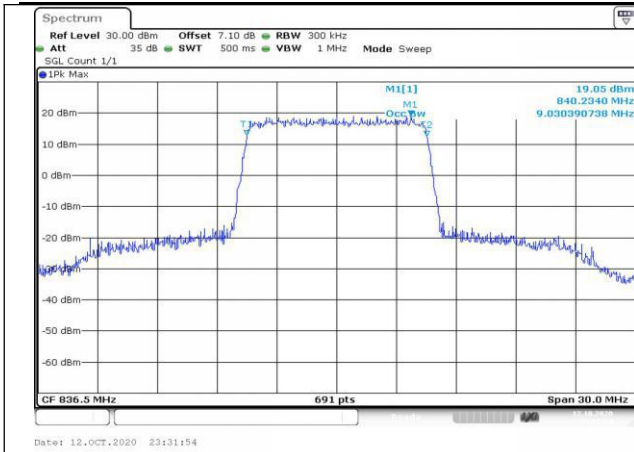
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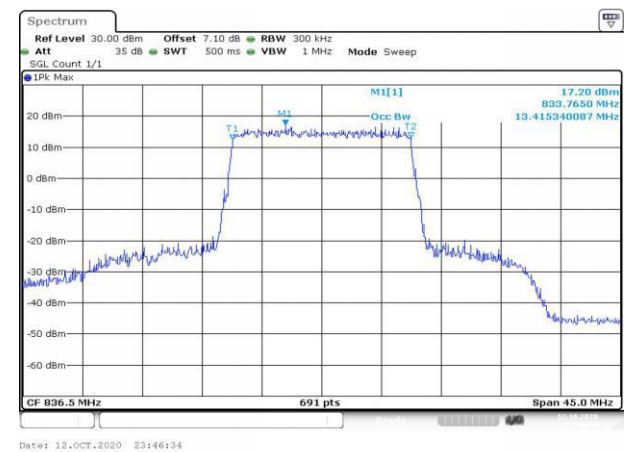
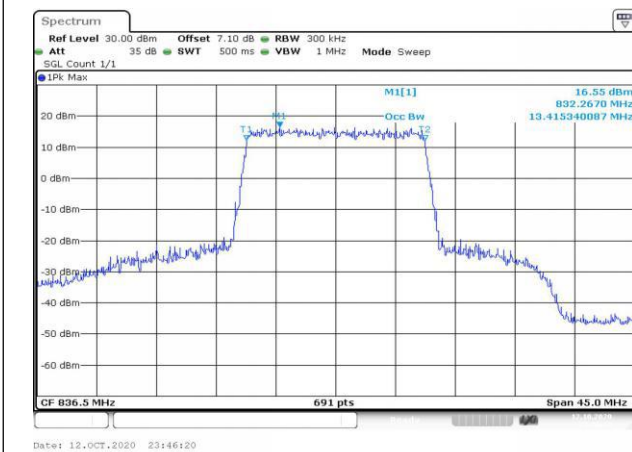
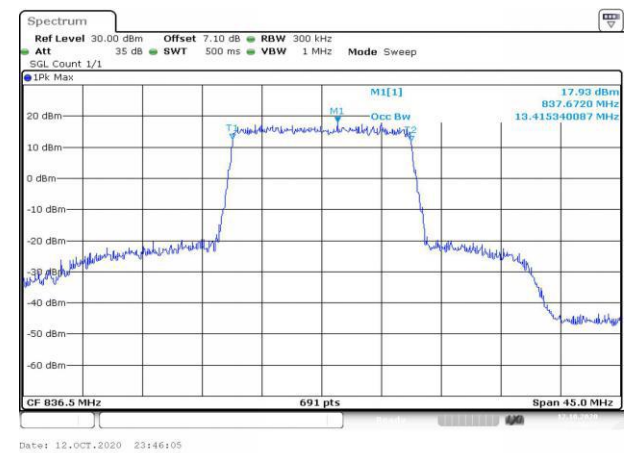
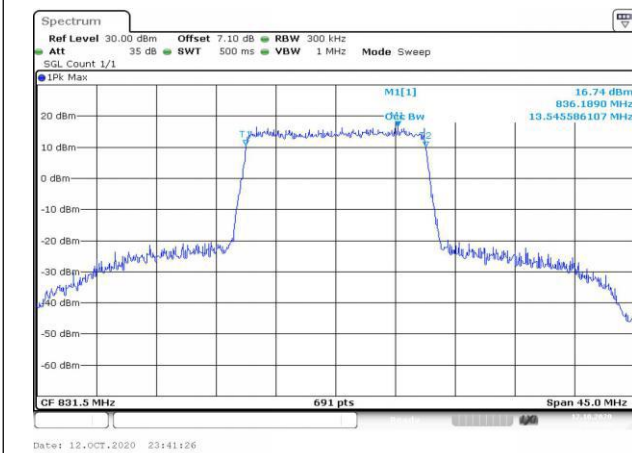
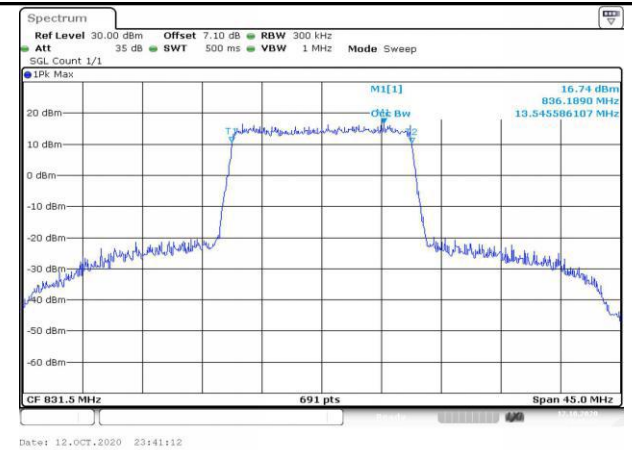
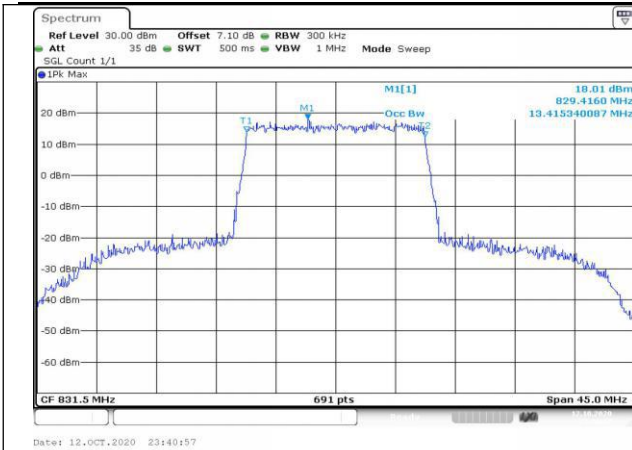


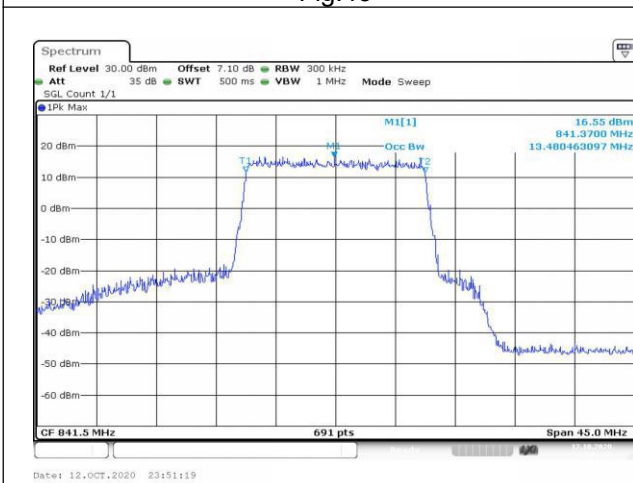
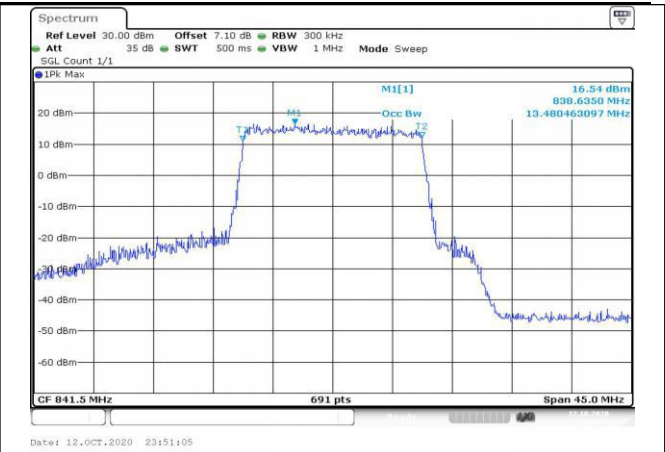
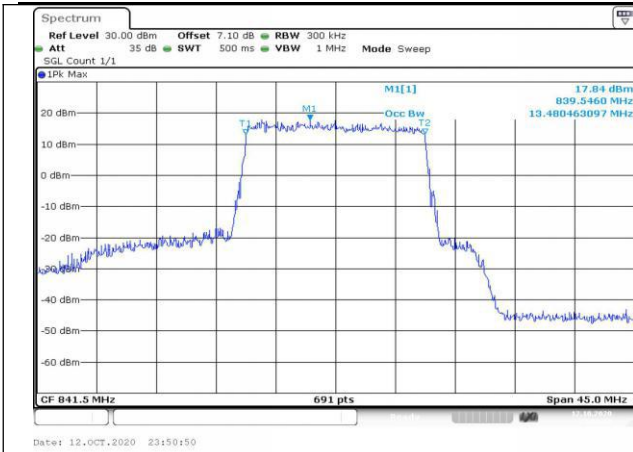












Emission Bandwidth
Test result

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)					
						QPSK		16-QAM		64-QAM	
26	824.7	26797	1.4	6	0	1.240	Fig.1	1.234	Fig.2	1.240	Fig.3
	836.5	26915		6	0	1.246	Fig.4	1.240	Fig.5	1.228	Fig.6
	848.3	27033		6	0	1.234	Fig.7	1.234	Fig.8	1.234	Fig.9
	825.5	26805	3	15	0	3.087	Fig.10	3.074	Fig.11	3.061	Fig.12
	836.5	26915		15	0	3.087	Fig.13	3.087	Fig.14	3.061	Fig.15
	847.5	27025		15	0	3.087	Fig.16	3.074	Fig.17	3.087	Fig.18
	826.5	26815	5	25	0	4.906	Fig.19	4.928	Fig.20	4.971	Fig.21
	836.5	26915		25	0	4.928	Fig.22	4.928	Fig.23	4.949	Fig.24
	846.5	27015		25	0	4.906	Fig.25	4.971	Fig.26	4.949	Fig.27
	829	26840	10	50	0	9.986	Fig.28	10.072	Fig.29	10.029	Fig.30
	836.5	26915		50	0	10.072	Fig.31	10.072	Fig.32	9.942	Fig.33
	844	26990		50	0	10.029	Fig.34	10.029	Fig.35	9.986	Fig.36
	831.5	26865	15	75	0	14.783	Fig.37	14.913	Fig.38	14.913	Fig.39
	836.5	26915		75	0	14.783	Fig.40	14.913	Fig.41	15.043	Fig.42
	841.5	26965		75	0	14.783	Fig.43	14.783	Fig.44	14.783	Fig.45

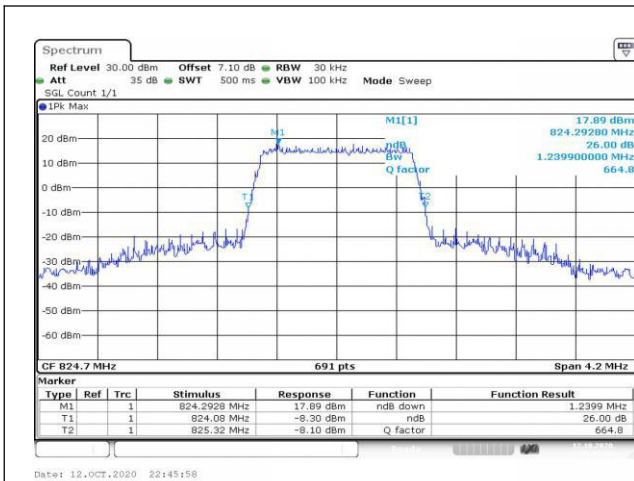


Fig.1

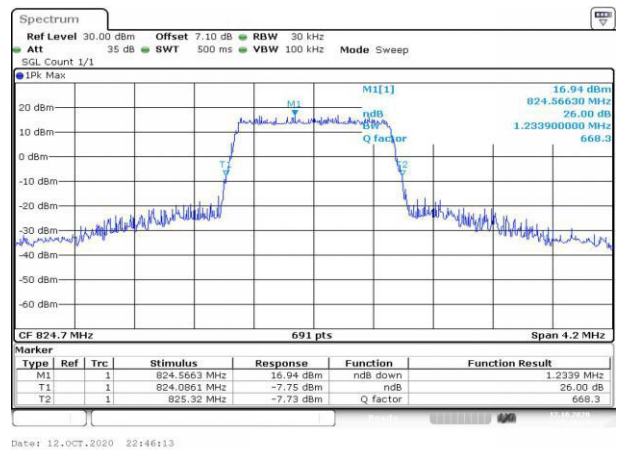


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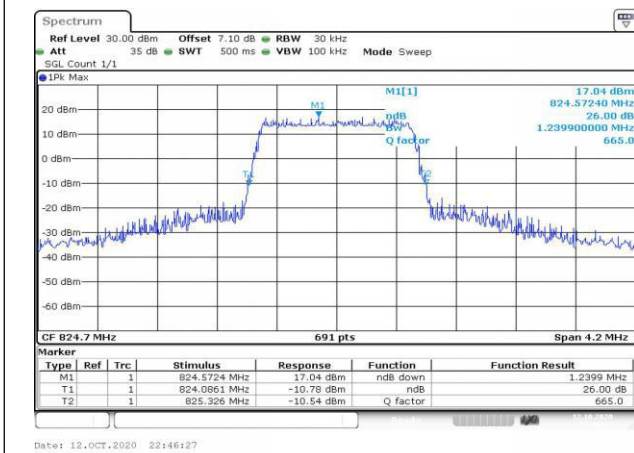


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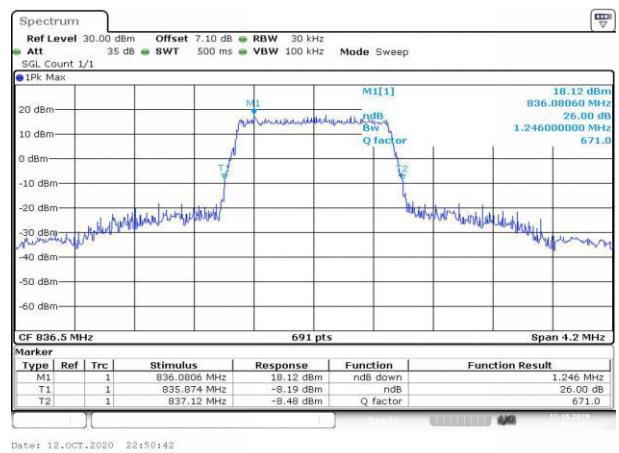


Fig.4

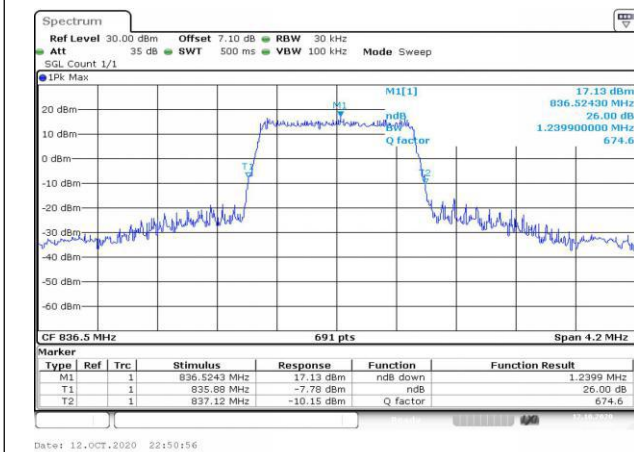


Fig.5

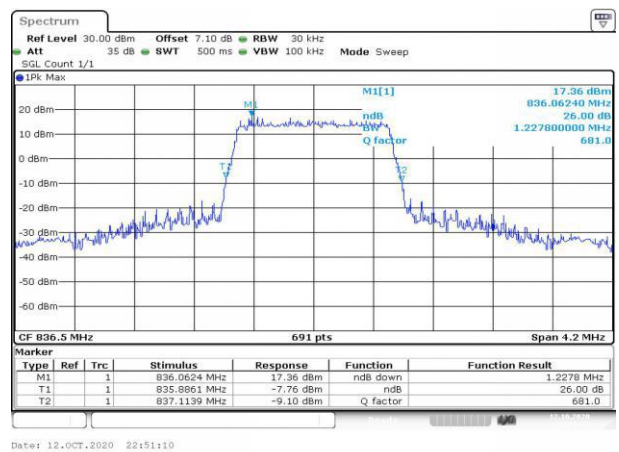


Fig.6

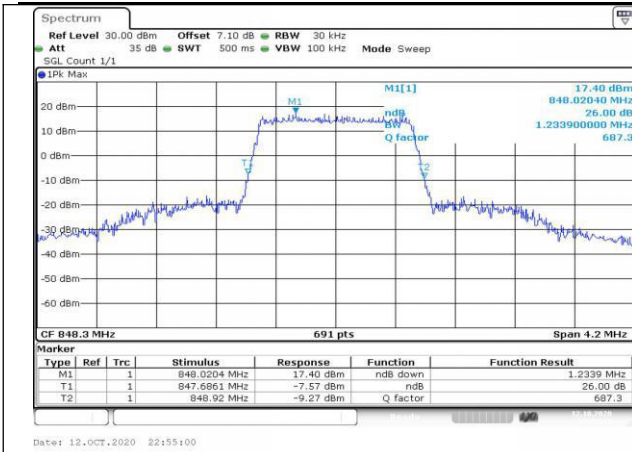


Fig.7

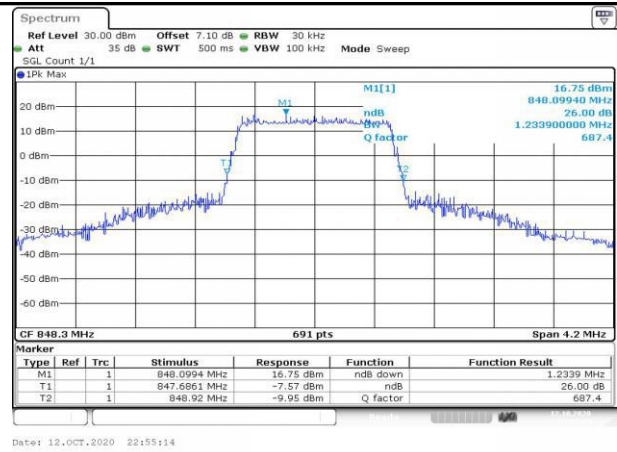


Fig.8

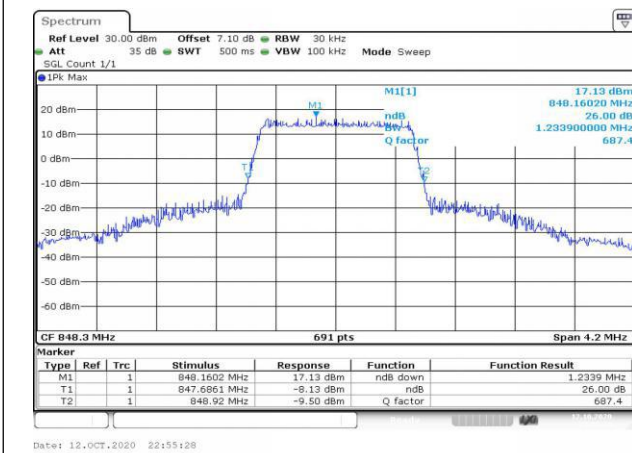


Fig.9

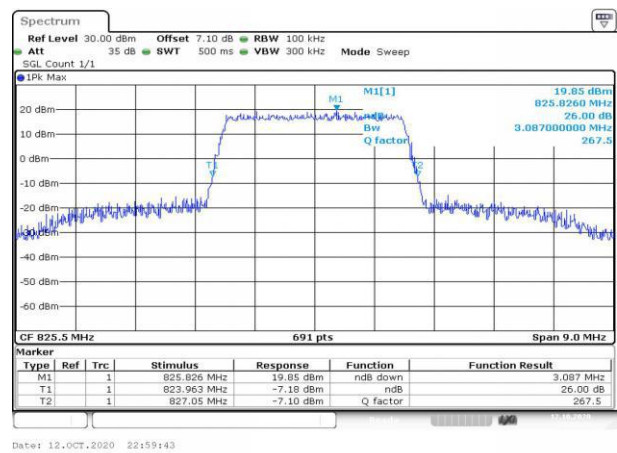


Fig.10

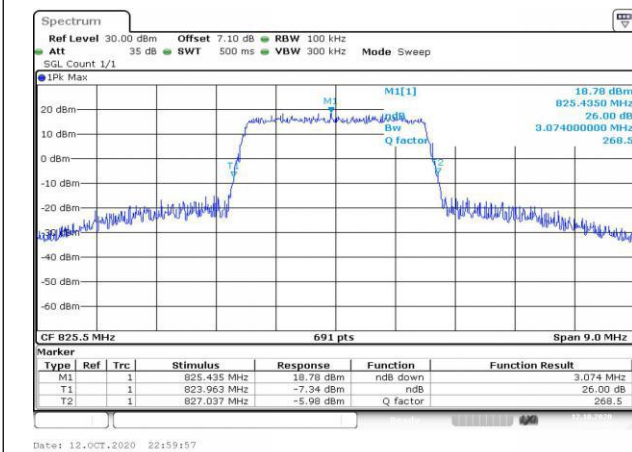


Fig.11

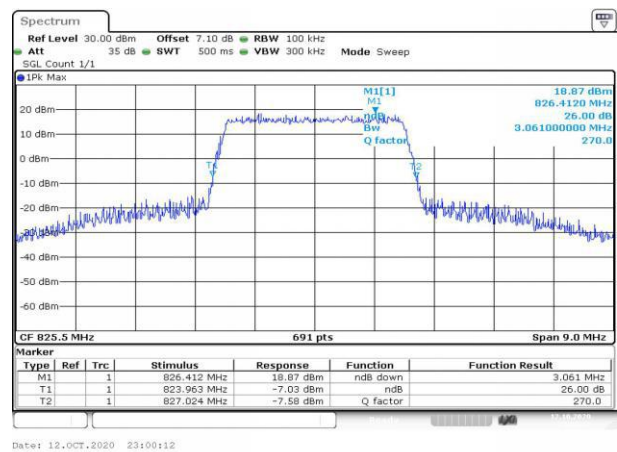


Fig.12

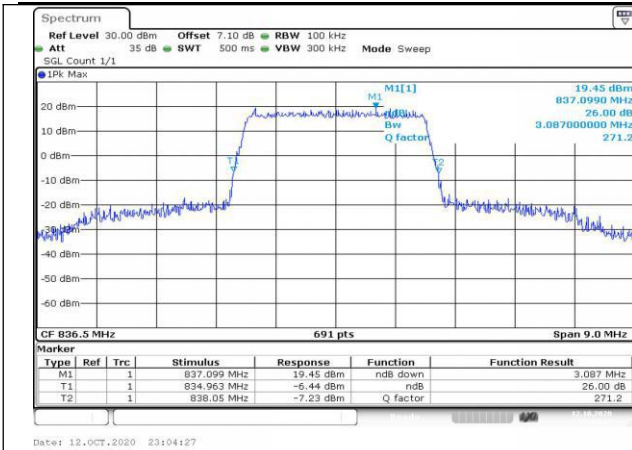


Fig.13

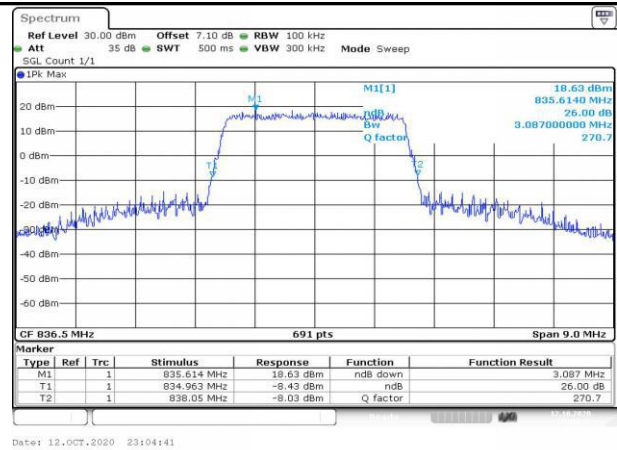


Fig.14

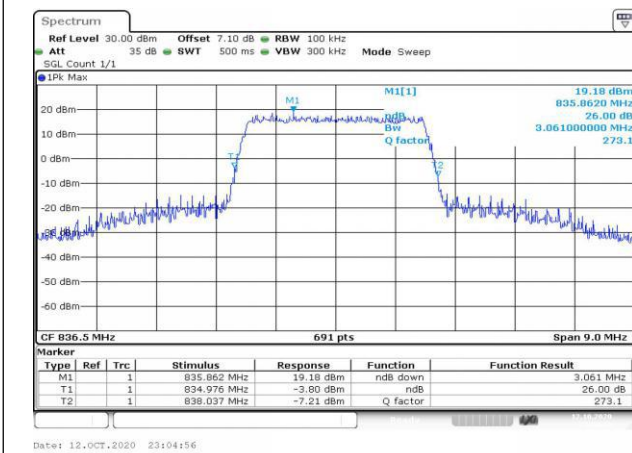


Fig.15

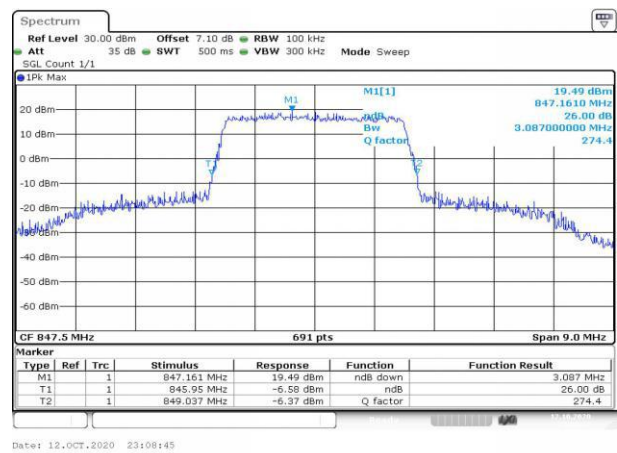


Fig.16

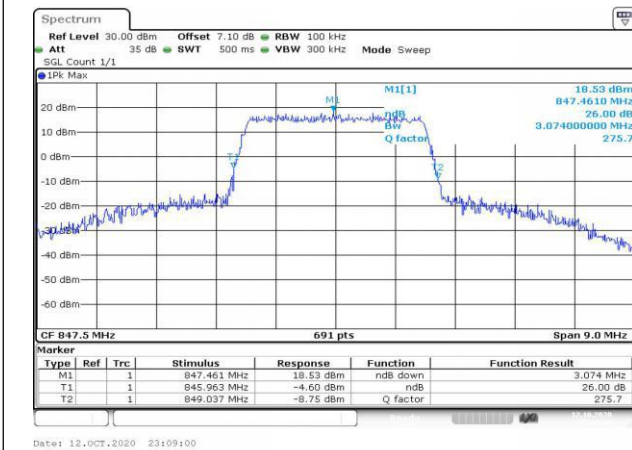


Fig.17

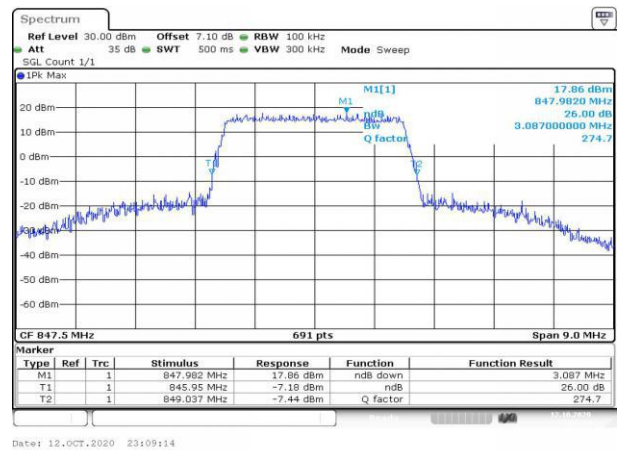


Fig.18

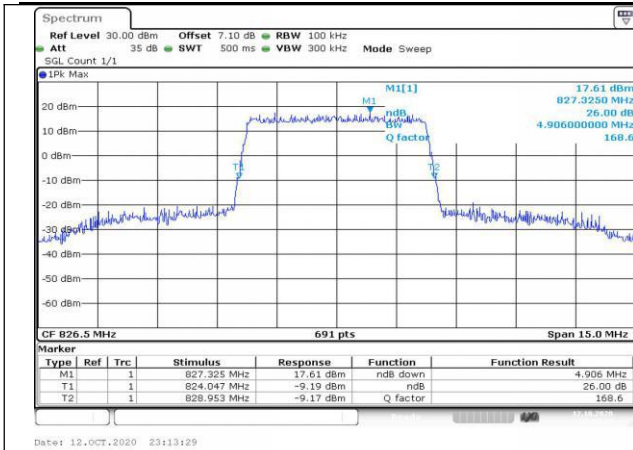


Fig.19

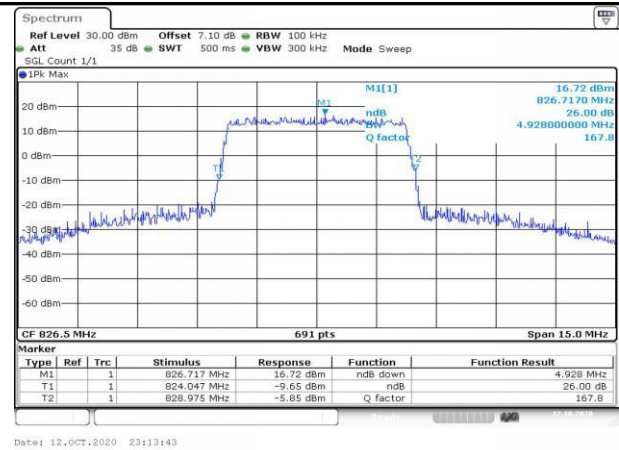


Fig.20

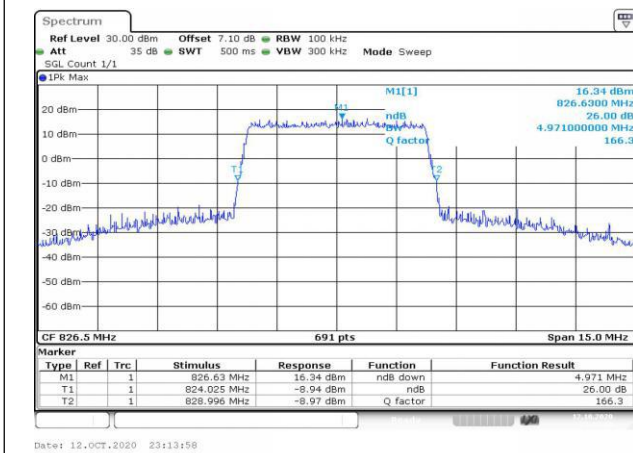


Fig.21

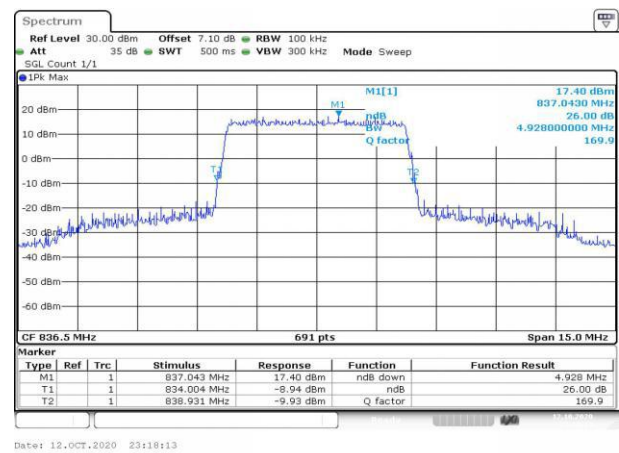


Fig.22

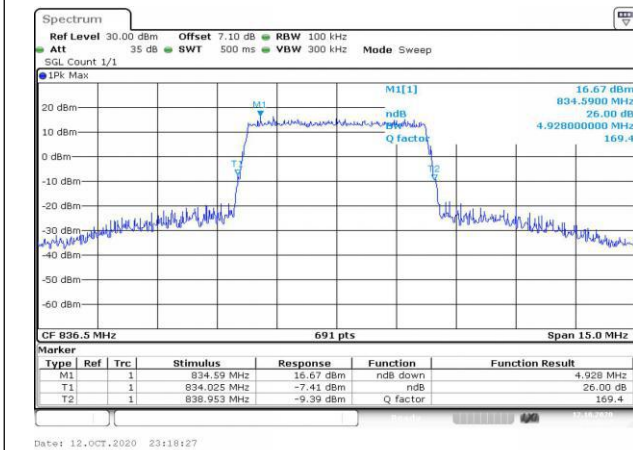


Fig.23

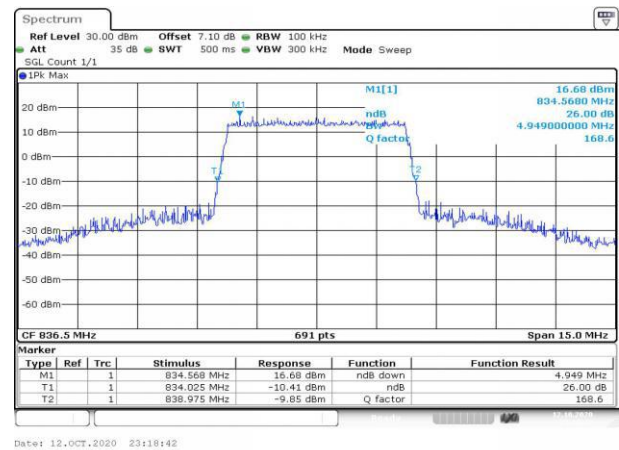


Fig.24

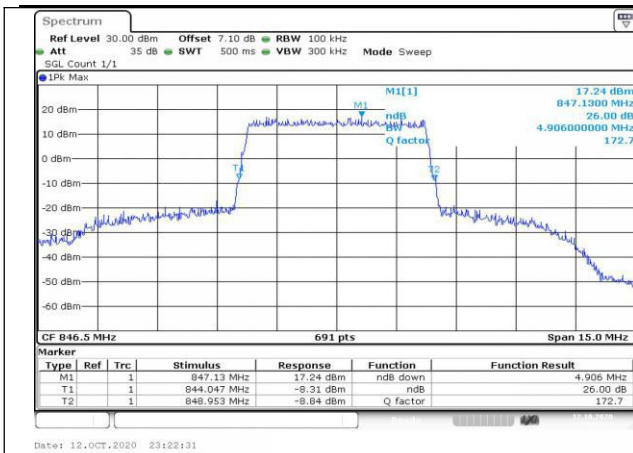


Fig.25

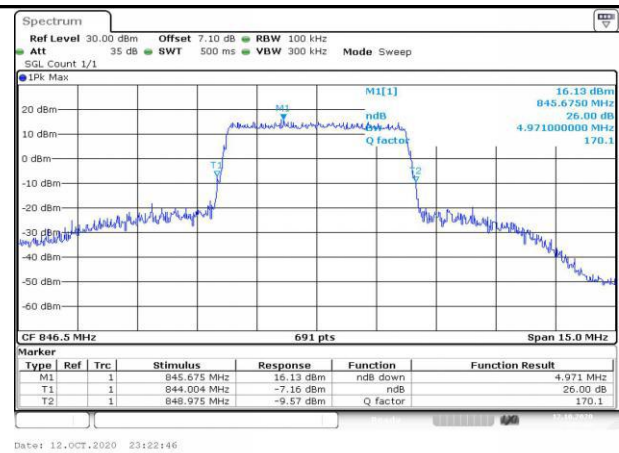


Fig.26

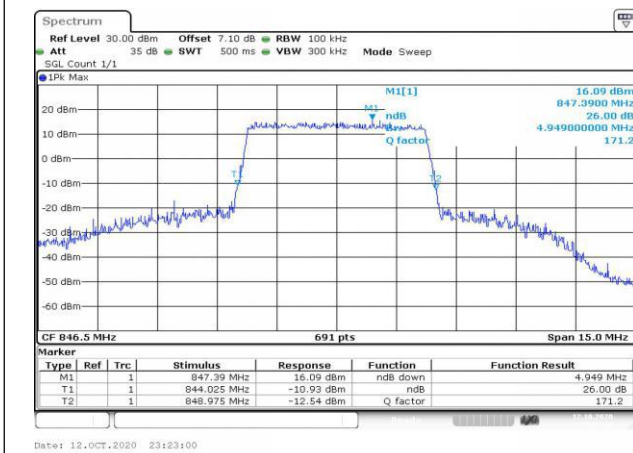


Fig.27

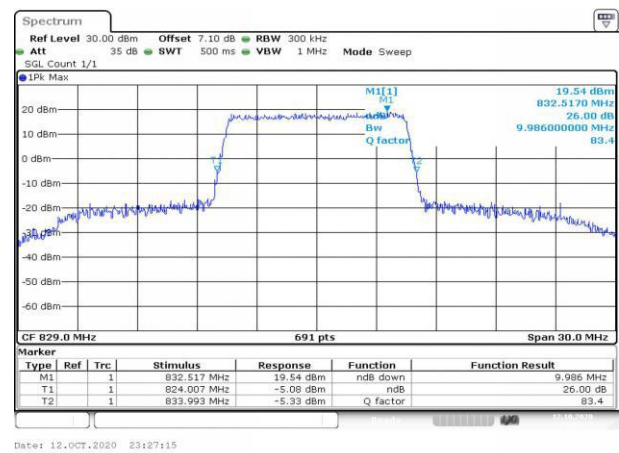


Fig.28

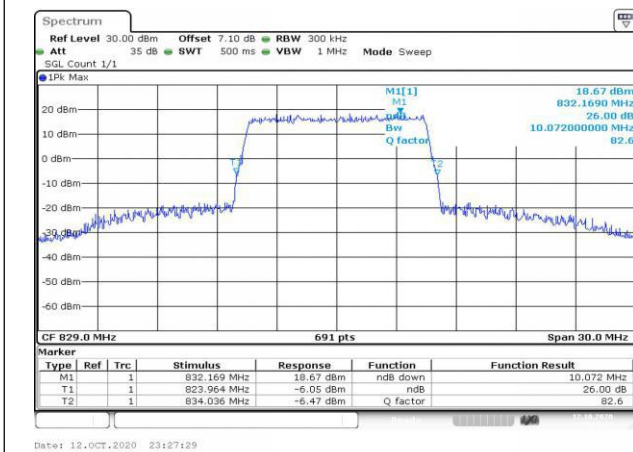


Fig.29

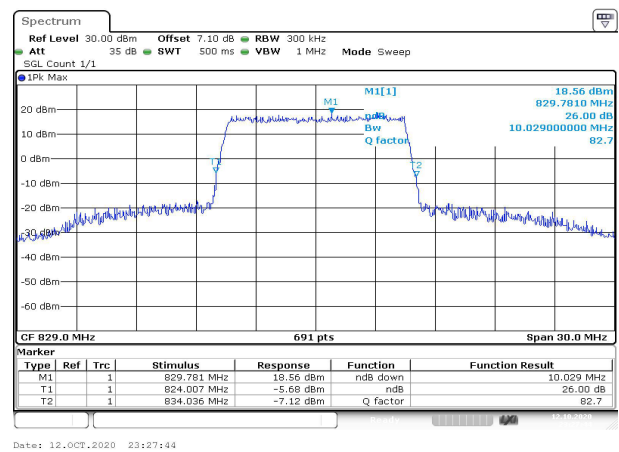


Fig.30

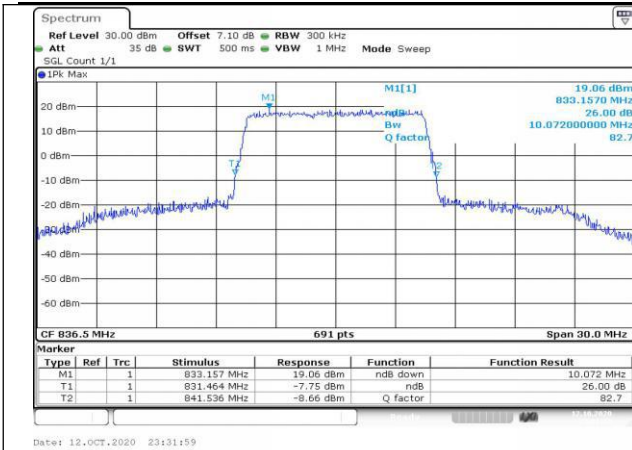


Fig.31

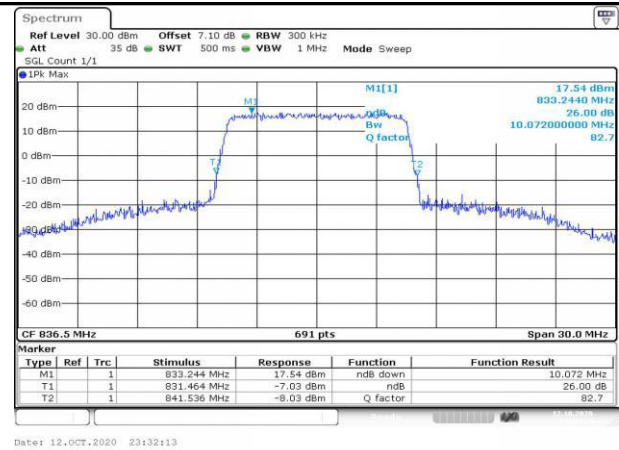


Fig.32

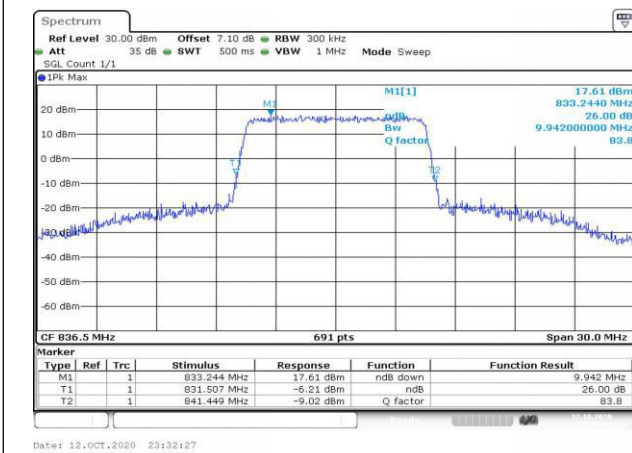


Fig.33

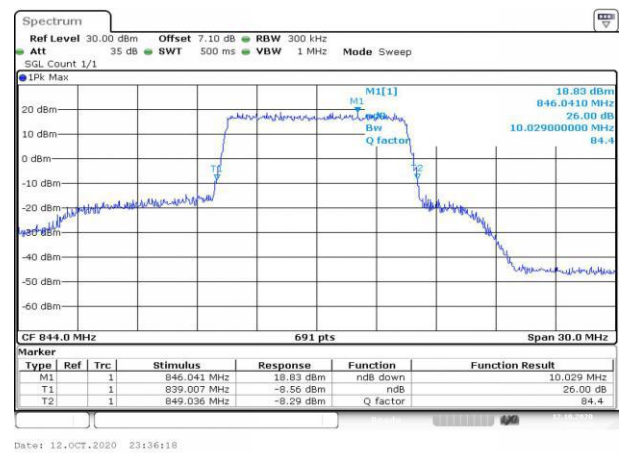


Fig.34

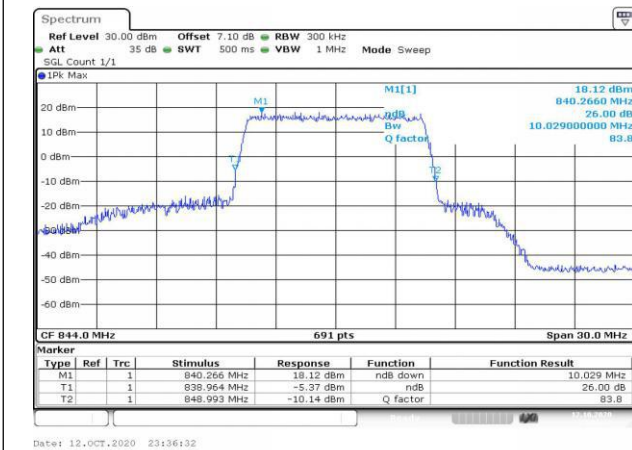


Fig.35

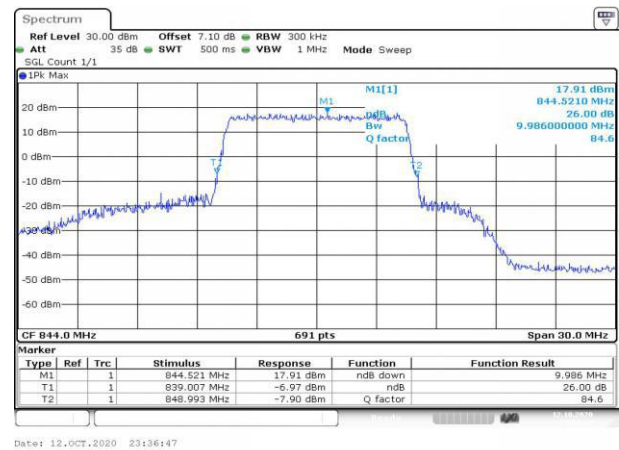


Fig.36

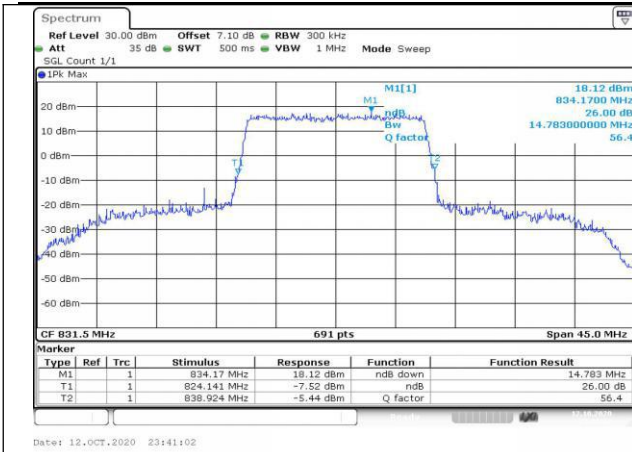


Fig.37

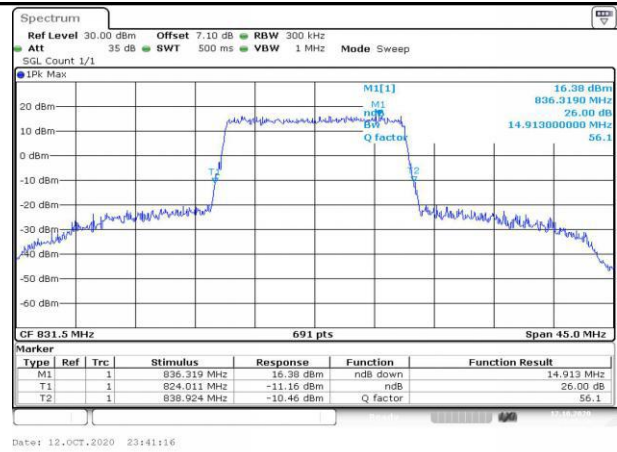


Fig.38

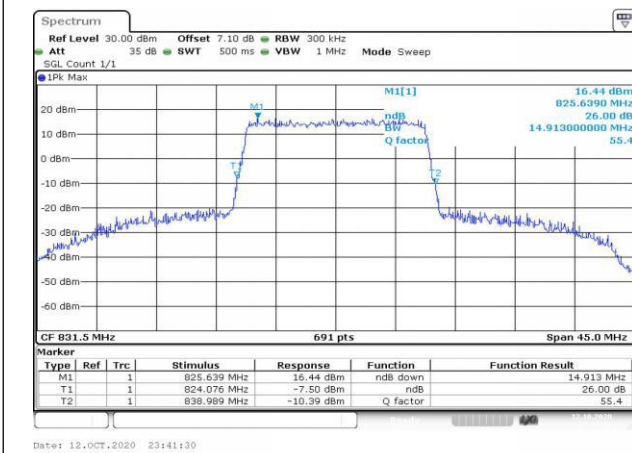


Fig.39

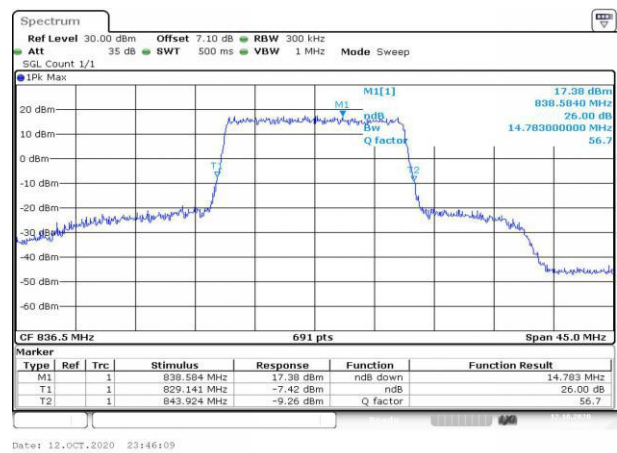


Fig.40

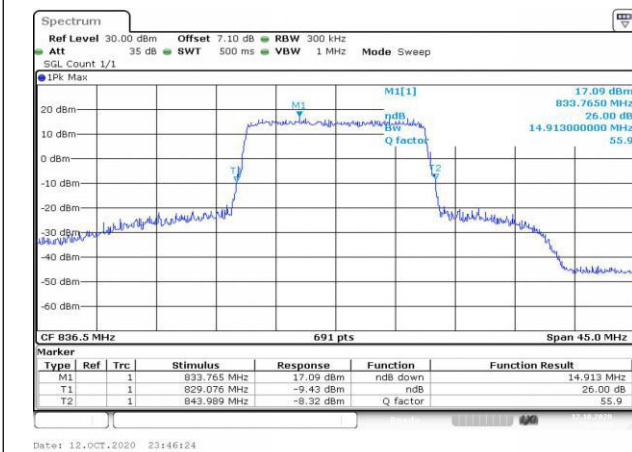


Fig.41

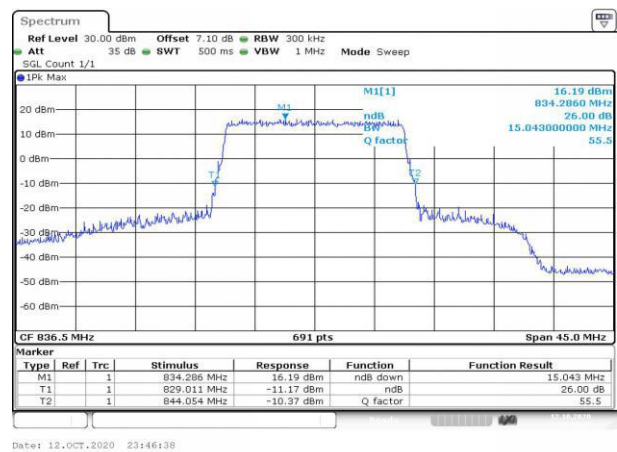


Fig.42

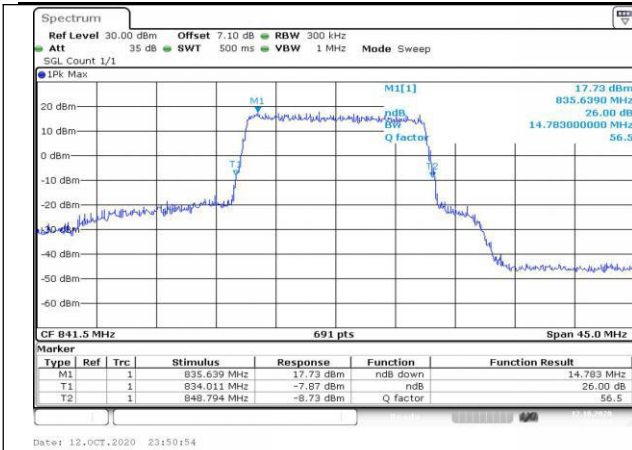


Fig.43

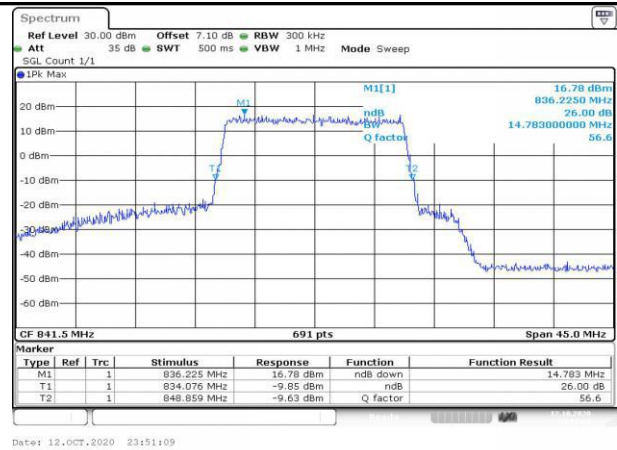


Fig.44

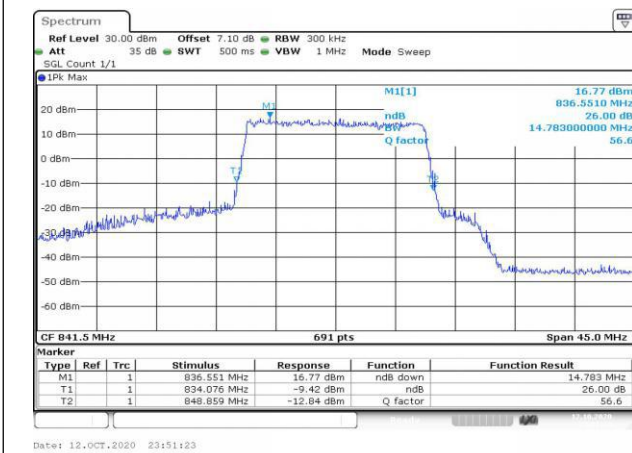


Fig.45

Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
26	824.7	26797	1.4	1	5	Fig.1	Fig.2	Fig.3
	824.7	26797	1.4	6	0	Fig.4	Fig.5	Fig.6
	836.5	26915	1.4	1	5	Fig.7	Fig.8	Fig.9
	836.5	26915	1.4	6	0	Fig.10	Fig.11	Fig.12
	848.3	27033	1.4	1	5	Fig.13	Fig.14	Fig.15
	848.3	27033	1.4	6	0	Fig.16	Fig.17	Fig.18
	825.5	26805	3	1	14	Fig.19	Fig.20	Fig.21
	825.5	26805	3	15	0	Fig.22	Fig.23	Fig.24
	836.5	26915	3	1	14	Fig.25	Fig.26	Fig.27
	836.5	26915	3	15	0	Fig.28	Fig.29	Fig.30
	847.5	27025	3	1	14	Fig.31	Fig.32	Fig.33
	847.5	27025	3	15	0	Fig.34	Fig.35	Fig.36
	826.5	26815	5	1	24	Fig.37	Fig.38	Fig.39
	826.5	26815	5	25	0	Fig.40	Fig.41	Fig.42
	836.5	26915	5	1	24	Fig.43	Fig.44	Fig.45
	836.5	26915	5	25	0	Fig.46	Fig.47	Fig.48
	846.5	27015	5	1	24	Fig.49	Fig.50	Fig.51
	846.5	27015	5	25	0	Fig.52	Fig.53	Fig.54
	829	26840	10	1	49	Fig.55	Fig.56	Fig.57
	829	26840	10	50	0	Fig.58	Fig.59	Fig.60
	836.5	26915	10	1	49	Fig.61	Fig.62	Fig.63
	836.5	26915	10	50	0	Fig.64	Fig.65	Fig.66
	844	26990	10	1	49	Fig.67	Fig.68	Fig.69
	844	26990	10	50	0	Fig.70	Fig.71	Fig.72
	831.5	26865	15	1	74	Fig.73	Fig.74	Fig.75
	831.5	26865	15	75	0	Fig.76	Fig.77	Fig.78
	836.5	26915	15	1	74	Fig.79	Fig.80	Fig.81
	836.5	26915	15	75	0	Fig.82	Fig.83	Fig.84
	841.5	26965	15	1	74	Fig.85	Fig.86	Fig.87
	841.5	26965	15	75	0	Fig.88	Fig.89	Fig.90



Fig.1

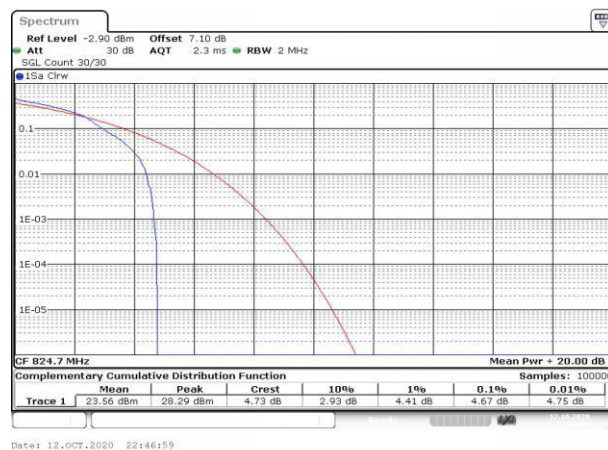


Fig.2

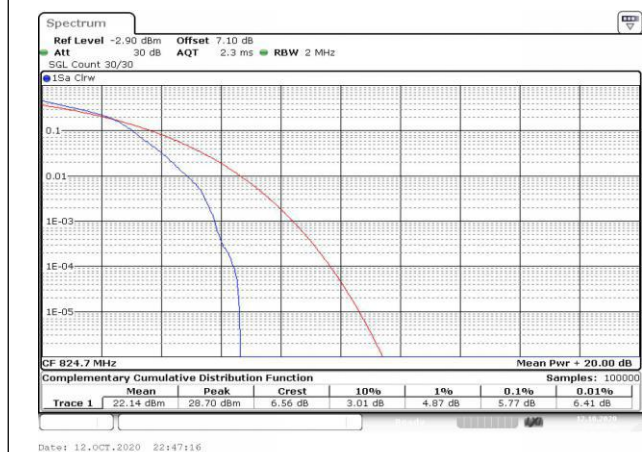


Fig.3

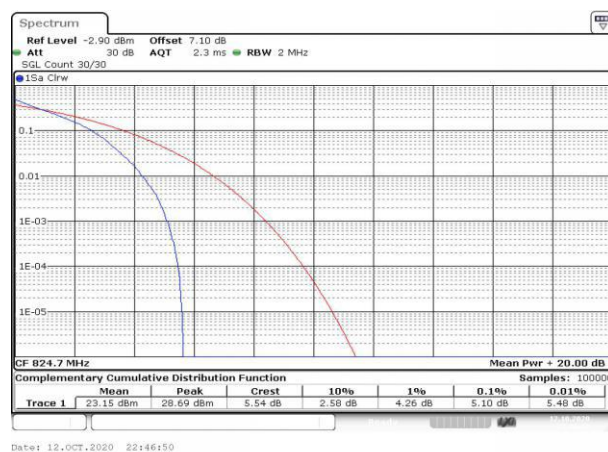


Fig.4

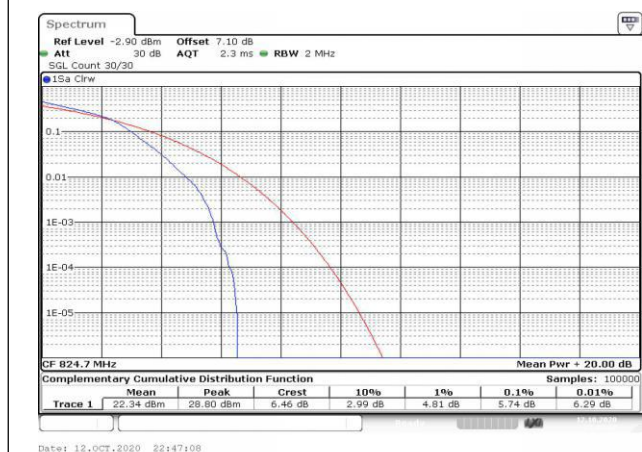


Fig.5

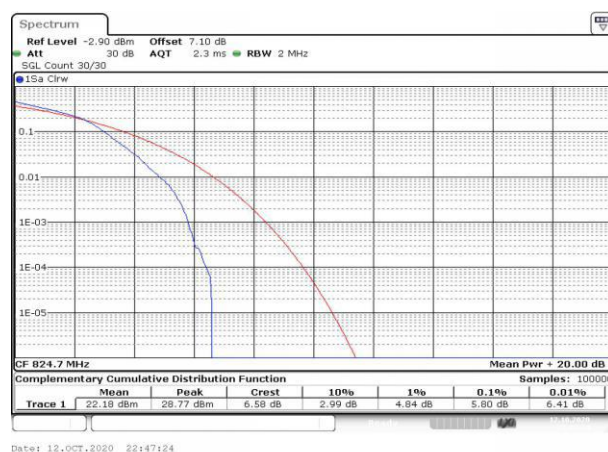


Fig.6