

			12	6	21.17	0.91	22.08	33	Pass
			12	13	21.13	0.91	22.04	33	Pass
			25	0	21.26	0.91	22.17	33	Pass
64QAM	39675	2498.5	1	0	21.01	0.91	21.92	33	Pass
			1	12	21.07	0.91	21.98	33	Pass
			1	24	20.96	0.91	21.87	33	Pass
			12	0	20.05	0.91	20.96	33	Pass
			12	6	20.05	0.91	20.96	33	Pass
			12	13	20.06	0.91	20.97	33	Pass
			25	0	20.11	0.91	21.02	33	Pass
	40620	2593	1	0	21.11	0.91	22.02	33	Pass
			1	12	21.13	0.91	22.04	33	Pass
			1	24	21.05	0.91	21.96	33	Pass
			12	0	20.16	0.91	21.07	33	Pass
			12	6	20.17	0.91	21.08	33	Pass
			12	13	20.10	0.91	21.01	33	Pass
			25	0	20.25	0.91	21.16	33	Pass
	41565	2687.5	1	0	21.16	0.91	22.07	33	Pass
			1	12	21.21	0.91	22.12	33	Pass
			1	24	21.09	0.91	22.00	33	Pass
			12	0	20.25	0.91	21.16	33	Pass
			12	6	20.25	0.91	21.16	33	Pass
			12	13	20.20	0.91	21.11	33	Pass
			25	0	20.30	0.91	21.21	33	Pass

LTE Band 41 ,Channel Bandwidth: 10 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	39700	2501	1	0	23.05	0.91	23.96	33	Pass
			1	24	23.12	0.91	24.03	33	Pass
			1	49	23.02	0.91	23.93	33	Pass
			25	0	21.50	0.91	22.41	33	Pass
			25	12	21.52	0.91	22.43	33	Pass
			25	25	21.49	0.91	22.40	33	Pass
			50	0	21.42	0.91	22.33	33	Pass
	40620	2593	1	0	23.11	0.91	24.02	33	Pass
			1	24	23.13	0.91	24.04	33	Pass
			1	49	23.06	0.91	23.97	33	Pass
			25	0	21.61	0.91	22.52	33	Pass
			25	12	21.62	0.91	22.53	33	Pass
			25	25	21.59	0.91	22.50	33	Pass
			50	0	21.55	0.91	22.46	33	Pass

	41540	2685	1	0	23.12	0.91	24.03	33	Pass
			1	24	23.19	0.91	24.10	33	Pass
			1	49	23.12	0.91	24.03	33	Pass
			25	0	21.69	0.91	22.60	33	Pass
			25	12	21.64	0.91	22.55	33	Pass
			25	25	21.59	0.91	22.50	33	Pass
			50	0	21.58	0.91	22.49	33	Pass
16QAM	39700	2501	1	0	22.04	0.91	22.95	33	Pass
			1	24	22.05	0.91	22.96	33	Pass
			1	49	21.98	0.91	22.89	33	Pass
			25	0	21.10	0.91	22.01	33	Pass
			25	12	21.00	0.91	21.91	33	Pass
			25	25	21.05	0.91	21.96	33	Pass
			50	0	21.03	0.91	21.94	33	Pass
	40620	2593	1	0	22.03	0.91	22.94	33	Pass
			1	24	22.13	0.91	23.04	33	Pass
			1	49	22.02	0.91	22.93	33	Pass
			25	0	21.11	0.91	22.02	33	Pass
			25	12	21.16	0.91	22.07	33	Pass
			25	25	21.13	0.91	22.04	33	Pass
			50	0	21.08	0.91	21.99	33	Pass
	41540	2685	1	0	22.12	0.91	23.03	33	Pass
			1	24	22.19	0.91	23.10	33	Pass
			1	49	22.12	0.91	23.03	33	Pass
			25	0	21.19	0.91	22.10	33	Pass
			25	12	21.19	0.91	22.10	33	Pass
			25	25	21.16	0.91	22.07	33	Pass
			50	0	21.12	0.91	22.03	33	Pass
64QAM	39700	2501	1	0	21.06	0.91	21.97	33	Pass
			1	24	21.04	0.91	21.95	33	Pass
			1	49	21.03	0.91	21.94	33	Pass
			25	0	20.13	0.91	21.04	33	Pass
			25	12	20.18	0.91	21.09	33	Pass
			25	25	20.16	0.91	21.07	33	Pass
			50	0	20.14	0.91	21.05	33	Pass
	40620	2593	1	0	21.13	0.91	22.04	33	Pass
			1	24	21.15	0.91	22.06	33	Pass
			1	49	21.05	0.91	21.96	33	Pass
			25	0	20.29	0.91	21.20	33	Pass
			25	12	20.29	0.91	21.20	33	Pass
			25	25	20.27	0.91	21.18	33	Pass
			50	0	20.18	0.91	21.09	33	Pass
	41540	2685	1	0	21.17	0.91	22.08	33	Pass

			1	24	21.20	0.91	22.11	33	Pass
			1	49	21.12	0.91	22.03	33	Pass
			25	0	20.37	0.91	21.28	33	Pass
			25	12	20.32	0.91	21.23	33	Pass
			25	25	20.30	0.91	21.21	33	Pass
			50	0	20.30	0.91	21.21	33	Pass

LTE Band 41 ,Channel Bandwidth: 15 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	39725	2503.5	1	0	22.97	0.91	23.88	33	Pass
			1	37	23.02	0.91	23.93	33	Pass
			1	74	22.96	0.91	23.87	33	Pass
			37	0	23.02	0.91	23.93	33	Pass
			37	18	23.05	0.91	23.96	33	Pass
			37	38	23.12	0.91	24.03	33	Pass
			75	0	21.52	0.91	22.43	33	Pass
	40620	2593	1	0	23.10	0.91	24.01	33	Pass
			1	37	23.13	0.91	24.04	33	Pass
			1	74	23.02	0.91	23.93	33	Pass
			37	0	23.12	0.91	24.03	33	Pass
			37	18	23.18	0.91	24.09	33	Pass
			37	38	23.17	0.91	24.08	33	Pass
			75	0	21.65	0.91	22.56	33	Pass
	41515	2682.5	1	0	23.13	0.91	24.04	33	Pass
			1	37	23.16	0.91	24.07	33	Pass
			1	74	23.10	0.91	24.01	33	Pass
			37	0	23.18	0.91	24.09	33	Pass
			37	18	23.24	0.91	24.15	33	Pass
			37	38	23.21	0.91	24.12	33	Pass
			75	0	21.73	0.91	22.64	33	Pass
16QAM	39725	2503.5	1	0	21.99	0.91	22.90	33	Pass
			1	37	22.00	0.91	22.91	33	Pass
			1	74	21.89	0.91	22.80	33	Pass
			37	0	21.98	0.91	22.89	33	Pass
			37	18	22.02	0.91	22.93	33	Pass
			37	38	22.09	0.91	23.00	33	Pass
			75	0	20.99	0.91	21.90	33	Pass
	40620	2593	1	0	22.10	0.91	23.01	33	Pass
			1	37	22.07	0.91	22.98	33	Pass
			1	74	22.02	0.91	22.93	33	Pass
			37	0	22.11	0.91	23.02	33	Pass

			37	18	22.13	0.91	23.04	33	Pass
			37	38	22.22	0.91	23.13	33	Pass
			75	0	21.14	0.91	22.05	33	Pass
	41515	2682.5	1	0	22.14	0.91	23.05	33	Pass
			1	37	22.15	0.91	23.06	33	Pass
			1	74	22.10	0.91	23.01	33	Pass
			37	0	22.13	0.91	23.04	33	Pass
			37	18	22.19	0.91	23.10	33	Pass
			37	38	22.28	0.91	23.19	33	Pass
			75	0	21.23	0.91	22.14	33	Pass
64QAM	39725	2503.5	1	0	20.98	0.91	21.89	33	Pass
			1	37	20.99	0.91	21.90	33	Pass
			1	74	20.92	0.91	21.83	33	Pass
			37	0	20.96	0.91	21.87	33	Pass
			37	18	21.00	0.91	21.91	33	Pass
			37	38	21.05	0.91	21.96	33	Pass
			75	0	20.11	0.91	21.02	33	Pass
	40620	2593	1	0	21.06	0.91	21.97	33	Pass
			1	37	21.06	0.91	21.97	33	Pass
			1	74	20.99	0.91	21.90	33	Pass
			37	0	21.05	0.91	21.96	33	Pass
			37	18	21.13	0.91	22.04	33	Pass
			37	38	21.13	0.91	22.04	33	Pass
			75	0	20.14	0.91	21.05	33	Pass
	41515	2682.5	1	0	21.09	0.91	22.00	33	Pass
			1	37	21.11	0.91	22.02	33	Pass
			1	74	21.08	0.91	21.99	33	Pass
			37	0	21.07	0.91	21.98	33	Pass
			37	18	21.12	0.91	22.03	33	Pass
			37	38	21.20	0.91	22.11	33	Pass
			75	0	20.28	0.91	21.19	33	Pass

LTE Band 41 ,Channel Bandwidth: 20 MHz									
Modulation	Channel	Frequency (MHz)	RB Configuration		Conducted Average Power [dBm]	Antenna Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
			Size	Offset					
QPSK	39750	2506	1	0	22.91	0.91	23.82	33	Pass
			1	49	23.08	0.91	23.99	33	Pass
			1	99	22.80	0.91	23.71	33	Pass
			50	0	21.41	0.91	22.32	33	Pass
			50	25	21.51	0.91	22.42	33	Pass
			50	50	21.45	0.91	22.36	33	Pass
			100	0	21.45	0.91	22.36	33	Pass

	40620	2593	1	0	22.97	0.91	23.88	33	Pass
			1	49	23.19	0.91	24.10	33	Pass
			1	99	22.86	0.91	23.77	33	Pass
			50	0	21.54	0.91	22.45	33	Pass
			50	25	21.52	0.91	22.43	33	Pass
			50	50	21.51	0.91	22.42	33	Pass
			100	0	21.55	0.91	22.46	33	Pass
	41490	2680	1	0	22.97	0.91	23.88	33	Pass
			1	49	23.29	0.91	24.20	33	Pass
			1	99	22.95	0.91	23.86	33	Pass
			50	0	21.67	0.91	22.58	33	Pass
			50	25	21.61	0.91	22.52	33	Pass
			50	50	21.60	0.91	22.51	33	Pass
			100	0	21.65	0.91	22.56	33	Pass
16QAM	39750	2506	1	0	21.84	0.91	22.75	33	Pass
			1	49	22.09	0.91	23.00	33	Pass
			1	99	21.77	0.91	22.68	33	Pass
			50	0	20.88	0.91	21.79	33	Pass
			50	25	20.90	0.91	21.81	33	Pass
			50	50	20.93	0.91	21.84	33	Pass
			100	0	21.00	0.91	21.91	33	Pass
	40620	2593	1	0	21.95	0.91	22.86	33	Pass
			1	49	22.15	0.91	23.06	33	Pass
			1	99	21.85	0.91	22.76	33	Pass
			50	0	21.06	0.91	21.97	33	Pass
			50	25	21.06	0.91	21.97	33	Pass
			50	50	21.11	0.91	22.02	33	Pass
			100	0	21.10	0.91	22.01	33	Pass
	41490	2680	1	0	21.99	0.91	22.90	33	Pass
			1	49	22.30	0.91	23.21	33	Pass
			1	99	21.95	0.91	22.86	33	Pass
			50	0	21.15	0.91	22.06	33	Pass
			50	25	21.14	0.91	22.05	33	Pass
			50	50	21.13	0.91	22.04	33	Pass
			100	0	21.24	0.91	22.15	33	Pass
64QAM	39750	2506	1	0	20.88	0.91	21.79	33	Pass
			1	49	21.07	0.91	21.98	33	Pass
			1	99	20.80	0.91	21.71	33	Pass
			50	0	20.10	0.91	21.01	33	Pass
			50	25	20.01	0.91	20.92	33	Pass
			50	50	20.11	0.91	21.02	33	Pass
			100	0	20.06	0.91	20.97	33	Pass
	40620	2593	1	0	20.93	0.91	21.84	33	Pass

			1	49	21.19	0.91	22.10	33	Pass
			1	99	20.85	0.91	21.76	33	Pass
			50	0	20.09	0.91	21.00	33	Pass
			50	25	20.08	0.91	20.99	33	Pass
			50	50	20.12	0.91	21.03	33	Pass
			100	0	20.12	0.91	21.03	33	Pass
	41490	2680	1	0	20.97	0.91	21.88	33	Pass
			1	49	21.26	0.91	22.17	33	Pass
			1	99	20.95	0.91	21.86	33	Pass
			50	0	20.27	0.91	21.18	33	Pass
			50	25	20.25	0.91	21.16	33	Pass
			50	50	20.25	0.91	21.16	33	Pass
			100	0	20.22	0.91	21.13	33	Pass

8. APPENDIX B: PEAK-TO-AVERAGE RATIO

GSM:

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	2.59	13	PASS
GSM850	190	2.59	13	PASS
GSM850	251	2.59	13	PASS
GPRS850	128	2.59	13	PASS
GPRS850	190	2.59	13	PASS
GPRS850	251	2.58	13	PASS
EGPRS850	128	5.46	13	PASS
EGPRS850	190	5.44	13	PASS
EGPRS850	251	5.51	13	PASS
GSM1900	512	2.63	13	PASS
GSM1900	661	2.62	13	PASS
GSM1900	810	2.62	13	PASS
GPRS1900	512	2.62	13	PASS
GPRS1900	661	2.62	13	PASS
GPRS1900	810	2.62	13	PASS
EGPRS1900	512	5.46	13	PASS
EGPRS1900	661	5.44	13	PASS
EGPRS1900	810	5.49	13	PASS

WCDMA:

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band5	4132	3.05	13	PASS
Band5	4182	3.08	13	PASS
Band5	4233	3.05	13	PASS

LTE:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	4.84	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.94	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.65	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.71	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.83	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.54	13	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	5.74	13	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	5.77	13	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	5.58	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.84	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.97	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.65	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.71	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.77	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.51	13	PASS
Band5	3MHz	64QAM	20415	15RB#0	5.64	13	PASS
Band5	3MHz	64QAM	20525	15RB#0	5.71	13	PASS
Band5	3MHz	64QAM	20635	15RB#0	5.51	13	PASS

Band5	5MHz	QPSK	20425	25RB#0	5.19	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.19	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.06	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.96	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.03	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.87	13	PASS
Band5	5MHz	64QAM	20425	25RB#0	5.93	13	PASS
Band5	5MHz	64QAM	20525	25RB#0	5.96	13	PASS
Band5	5MHz	64QAM	20625	25RB#0	5.83	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.38	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.38	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.42	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.25	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.28	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.28	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.28	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.31	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.35	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.64	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.67	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.87	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.38	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.38	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.57	13	PASS
Band7	5MHz	64QAM	20775	25RB#0	6.44	13	PASS
Band7	5MHz	64QAM	21100	25RB#0	6.38	13	PASS
Band7	5MHz	64QAM	21425	25RB#0	6.47	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.61	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.58	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.58	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.38	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.41	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.38	13	PASS
Band7	10MHz	64QAM	20800	50RB#0	6.44	13	PASS
Band7	10MHz	64QAM	21100	50RB#0	6.47	13	PASS
Band7	10MHz	64QAM	21400	50RB#0	6.44	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.96	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.93	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.80	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.89	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.86	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.83	13	PASS
Band7	15MHz	64QAM	20825	75RB#0	7.02	13	PASS
Band7	15MHz	64QAM	21100	75RB#0	7.05	13	PASS
Band7	15MHz	64QAM	21375	75RB#0	6.96	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	6.63	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	6.60	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	6.44	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	7.24	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	7.18	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	7.08	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	7.37	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	7.37	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	7.24	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	9.08	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	8.94	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.02	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.34	13	PASS

Band38	5MHz	16QAM	38000	25RB#0	9.05	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.14	13	PASS
Band38	5MHz	64QAM	37775	25RB#0	5.49	13	PASS
Band38	5MHz	64QAM	38000	25RB#0	5.35	13	PASS
Band38	5MHz	64QAM	38225	25RB#0	5.57	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.95	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.93	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.68	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.17	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.08	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	9.05	13	PASS
Band38	10MHz	64QAM	37800	50RB#0	5.57	13	PASS
Band38	10MHz	64QAM	38000	50RB#0	5.47	13	PASS
Band38	10MHz	64QAM	38200	50RB#0	5.60	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	8.89	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	8.89	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.01	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	9.07	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	8.95	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	9.25	13	PASS
Band38	15MHz	64QAM	37825	75RB#0	5.35	13	PASS
Band38	15MHz	64QAM	38000	75RB#0	5.30	13	PASS
Band38	15MHz	64QAM	38175	75RB#0	5.46	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	8.72	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.82	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.87	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	8.91	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	8.94	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	8.91	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	6.42	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	5.33	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	5.35	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	7.46	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	7.64	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	7.56	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	8.14	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	8.28	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	8.20	13	PASS
Band41	5MHz	64QAM	39675	25RB#0	8.56	13	PASS
Band41	5MHz	64QAM	40620	25RB#0	8.56	13	PASS
Band41	5MHz	64QAM	41565	25RB#0	8.56	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	7.76	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	7.90	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	7.82	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.20	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.34	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.22	13	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.62	13	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.54	13	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.52	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	7.14	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	7.22	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	7.24	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	8.10	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	8.14	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	8.18	13	PASS
Band41	15MHz	64QAM	39725	75RB#0	8.42	13	PASS
Band41	15MHz	64QAM	40620	75RB#0	8.32	13	PASS

Band41	15MHz	64QAM	41515	75RB#0	8.30	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	7.70	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	7.64	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	7.68	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	8.54	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	8.56	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	8.56	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	8.86	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	8.72	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	8.78	13	PASS

9. APPENDIX C: OCCUPIED BANDWIDTH

GSM:

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.25508	0.3256	---	PASS
GSM850	190	0.25496	0.3236	---	PASS
GSM850	251	0.25639	0.3261	---	PASS
GPRS850	128	0.25709	0.3268	---	PASS
GPRS850	190	0.25359	0.3356	---	PASS
GPRS850	251	0.25502	0.3268	---	PASS
EGPRS850	128	0.25534	0.3268	---	PASS
EGPRS850	190	0.25634	0.3254	---	PASS
EGPRS850	251	0.25526	0.3336	---	PASS
GSM1900	512	0.25391	0.3276	---	PASS
GSM1900	661	0.25309	0.3312	---	PASS
GSM1900	810	0.25537	0.3307	---	PASS
GPRS1900	512	0.25488	0.3305	---	PASS
GPRS1900	661	0.25491	0.3305	---	PASS
GPRS1900	810	0.25563	0.3291	---	PASS
EGPRS1900	512	0.25692	0.3308	---	PASS
EGPRS1900	661	0.25655	0.3256	---	PASS
EGPRS1900	810	0.25685	0.3246	---	PASS

WCDMA:

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	4.164	4.677	---	PASS
Band5	4182	4.1689	4.678	---	PASS
Band5	4233	4.1774	4.679	---	PASS

LTE:

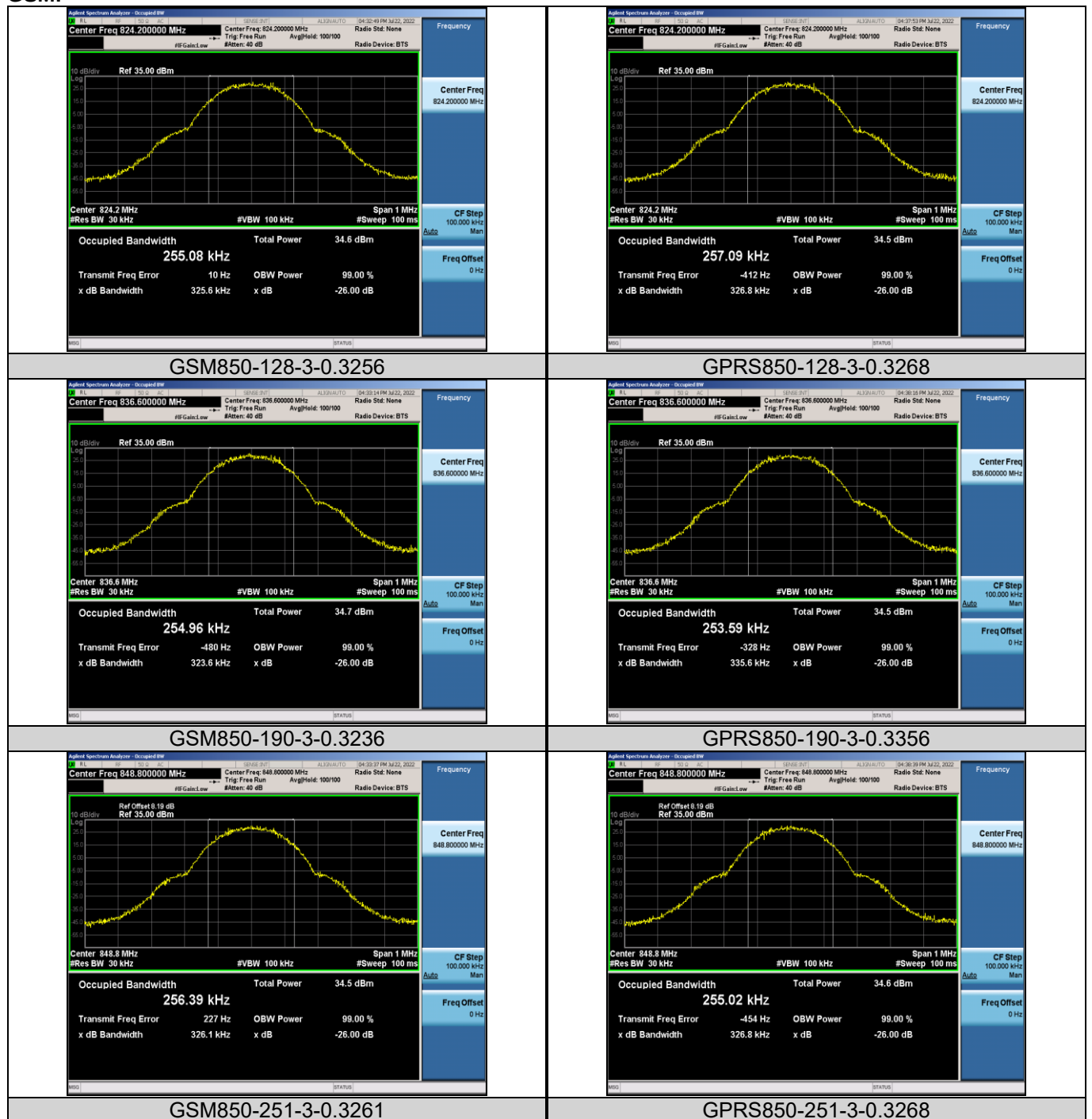
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.085	1.230	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.085	1.210	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.08	1.210	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.08	1.220	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.08	1.225	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.08	1.215	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.085	1.225	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.08	1.210	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.085	1.220	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.68	2.810	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.69	2.820	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.68	2.820	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.68	2.810	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.68	2.820	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.68	2.810	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.68	2.810	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.68	2.810	PASS

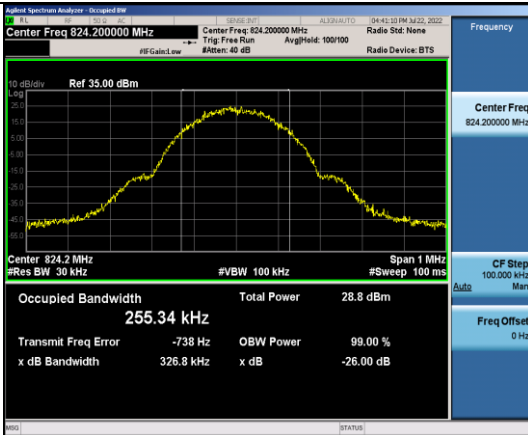
Band5	3MHz	64QAM	20635	15RB#0	2.68	2.810	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.47	4.650	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.47	4.680	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.47	4.660	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.48	4.710	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.49	4.680	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.49	4.680	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.48	4.660	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.48	4.650	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.47	4.660	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.933	9.333	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.933	9.300	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.933	9.300	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.967	9.333	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.967	9.333	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.967	9.333	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.933	9.333	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.933	9.333	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.933	9.300	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.51	4.770	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.51	4.770	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5	4.780	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.52	4.770	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.52	4.800	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.51	4.780	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.51	4.770	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.5	4.760	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.5	4.780	PASS
Band7	10MHz	QPSK	20800	50RB#0	9	9.633	PASS
Band7	10MHz	QPSK	21100	50RB#0	9	9.667	PASS
Band7	10MHz	QPSK	21400	50RB#0	9	9.600	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.033	9.667	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.033	9.667	PASS
Band7	10MHz	16QAM	21400	50RB#0	9	9.633	PASS
Band7	10MHz	64QAM	20800	50RB#0	9	9.667	PASS
Band7	10MHz	64QAM	21100	50RB#0	9	9.667	PASS
Band7	10MHz	64QAM	21400	50RB#0	9	9.667	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.55	14.500	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.55	14.500	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.5	14.500	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.5	14.500	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.5	14.500	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.5	14.500	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.5	14.500	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.5	14.500	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.45	14.500	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.067	19.533	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.067	19.600	PASS
Band7	20MHz	QPSK	21350	100RB#0	18	19.467	PASS
Band7	20MHz	16QAM	20850	100RB#0	18	19.467	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.067	19.533	PASS
Band7	20MHz	16QAM	21350	100RB#0	18	19.600	PASS
Band7	20MHz	64QAM	20850	100RB#0	18.067	19.533	PASS
Band7	20MHz	64QAM	21100	100RB#0	18.067	19.600	PASS
Band7	20MHz	64QAM	21350	100RB#0	18.067	19.467	PASS
Band38	5MHz	QPSK	37775	25RB#0	4.4962	4.828	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.4971	4.815	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4978	4.806	PASS

Band38	5MHz	16QAM	37775	25RB#0	4.4986	4.800	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4952	4.786	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4907	4.797	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.51	4.770	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.51	4.770	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.49	4.770	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9807	9.498	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9773	9.506	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.984	9.494	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9878	9.514	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9841	9.505	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9784	9.497	PASS
Band38	10MHz	64QAM	37800	50RB#0	9	9.667	PASS
Band38	10MHz	64QAM	38000	50RB#0	9	9.667	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.967	9.633	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.47	14.230	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.476	14.250	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.481	14.250	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.477	14.250	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.465	14.240	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.477	14.250	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.5	14.500	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.5	14.500	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.5	14.500	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.926	18.930	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.95	18.930	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.951	18.940	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.949	18.930	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.968	18.930	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.94	18.940	PASS
Band38	20MHz	64QAM	37850	100RB#0	18.067	19.600	PASS
Band38	20MHz	64QAM	38000	100RB#0	18.067	19.600	PASS
Band38	20MHz	64QAM	38150	100RB#0	18.067	19.60	PASS
Band41	5MHz	QPSK	39675	25RB#0	4.481	4.850	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.495	4.770	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.496	4.770	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.512	4.780	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.514	4.780	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.514	4.790	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.499	4.770	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.501	4.770	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.499	4.770	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.027	9.767	PASS
Band41	10MHz	QPSK	40090	50RB#0	9.025	9.800	PASS
Band41	10MHz	QPSK	40290	50RB#0	9.018	9.667	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.04	9.767	PASS
Band41	10MHz	QPSK	40640	50RB#0	9.045	9.800	PASS
Band41	10MHz	QPSK	40740	50RB#0	9.04	9.800	PASS
Band41	10MHz	QPSK	41190	50RB#0	9.033	9.733	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.033	9.733	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.054	9.767	PASS
Band41	10MHz	16QAM	40090	50RB#0	9.044	9.767	PASS
Band41	10MHz	16QAM	40290	50RB#0	9.062	9.800	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.045	9.800	PASS
Band41	10MHz	16QAM	40640	50RB#0	9.057	9.800	PASS
Band41	10MHz	16QAM	40740	50RB#0	9.062	9.800	PASS
Band41	10MHz	16QAM	41190	50RB#0	9.058	9.800	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.053	9.800	PASS

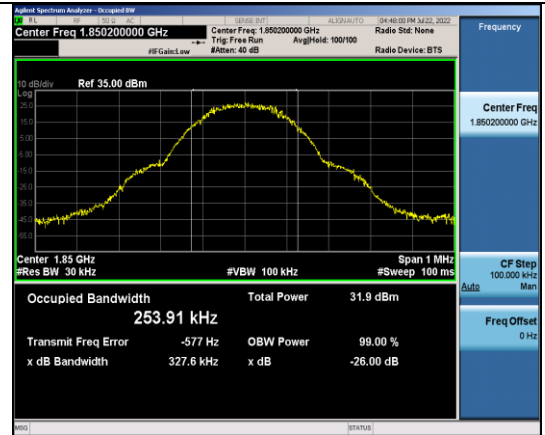
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Band41	10MHz	64QAM	40090	50RB#0	9.017	9.733	PASS
Band41	10MHz	64QAM	40290	50RB#0	9.034	9.800	PASS
Band41	10MHz	64QAM	40620	50RB#0	9.052	9.767	PASS
Band41	10MHz	64QAM	40640	50RB#0	9.062	9.800	PASS
Band41	10MHz	64QAM	40740	50RB#0	9.029	9.767	PASS
Band41	10MHz	64QAM	41190	50RB#0	9.037	9.767	PASS
Band41	10MHz	64QAM	41540	50RB#0	9.057	9.800	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.449	14.300	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.471	14.300	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.471	14.300	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.451	14.300	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.463	14.300	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.459	14.300	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.453	14.300	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.467	14.300	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.468	14.300	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.953	19.333	PASS
Band41	20MHz	QPSK	40140	100RB#0	17.979	19.267	PASS
Band41	20MHz	QPSK	40340	100RB#0	17.989	19.267	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.985	19.267	PASS
Band41	20MHz	QPSK	40640	100RB#0	17.985	19.267	PASS
Band41	20MHz	QPSK	40740	100RB#0	17.99	19.333	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.994	19.333	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.978	19.267	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.971	19.267	PASS
Band41	20MHz	16QAM	40140	100RB#0	17.987	19.333	PASS
Band41	20MHz	16QAM	40340	100RB#0	18.001	19.333	PASS
Band41	20MHz	16QAM	40620	100RB#0	18.003	19.333	PASS
Band41	20MHz	16QAM	40640	100RB#0	17.985	19.333	PASS
Band41	20MHz	16QAM	40740	100RB#0	17.989	19.333	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.994	19.333	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.985	19.333	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.96	19.200	PASS
Band41	20MHz	64QAM	40140	100RB#0	18.015	19.067	PASS
Band41	20MHz	64QAM	40340	100RB#0	18.066	19.333	PASS
Band41	20MHz	64QAM	40620	100RB#0	18.012	19.267	PASS
Band41	20MHz	64QAM	40640	100RB#0	18.043	19.267	PASS
Band41	20MHz	64QAM	40740	100RB#0	17.976	19.267	PASS
Band41	20MHz	64QAM	41140	100RB#0	17.967	19.267	PASS
Band41	20MHz	64QAM	41490	100RB#0	18.006	19.333	PASS

Test Graphs: GSM:

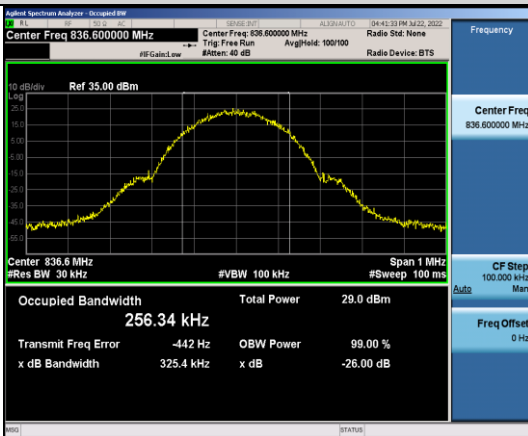




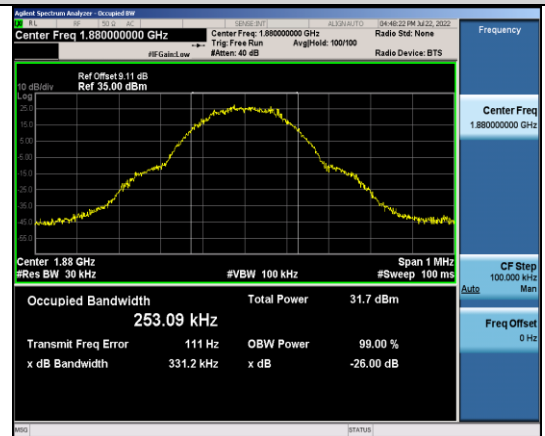
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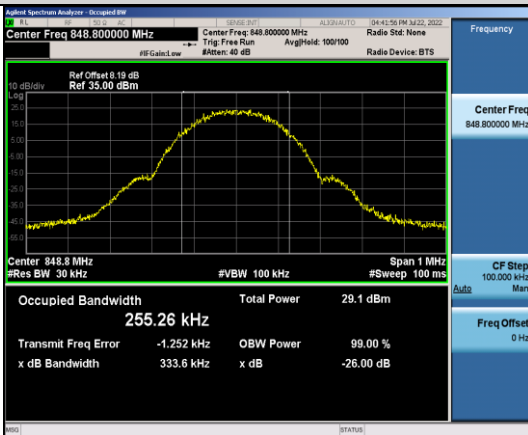
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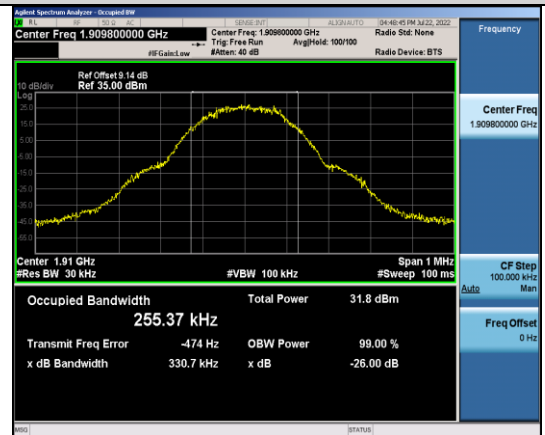
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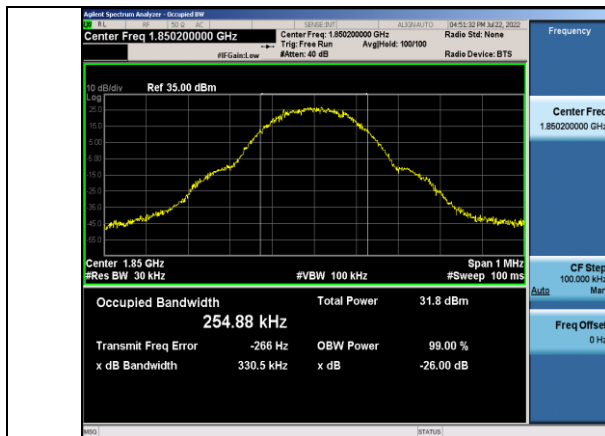
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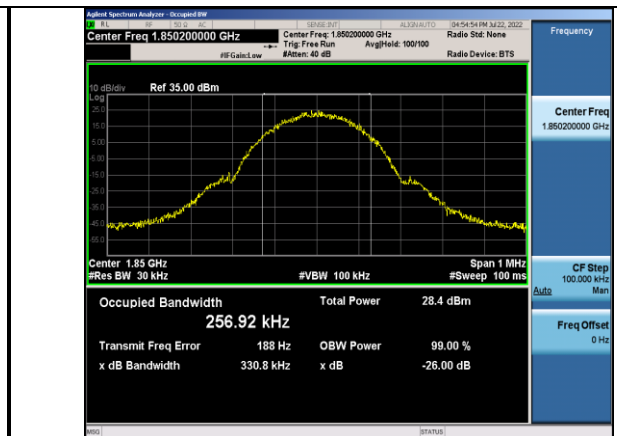
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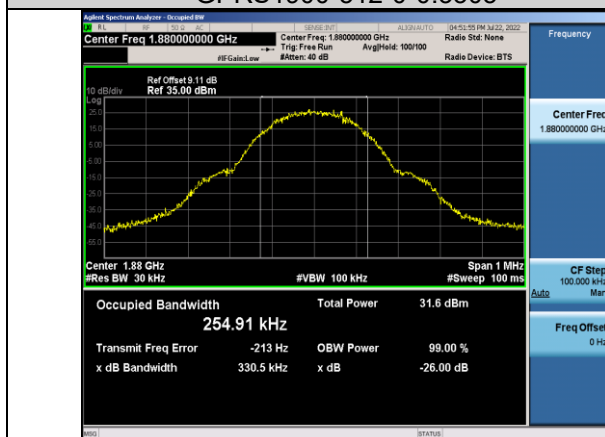
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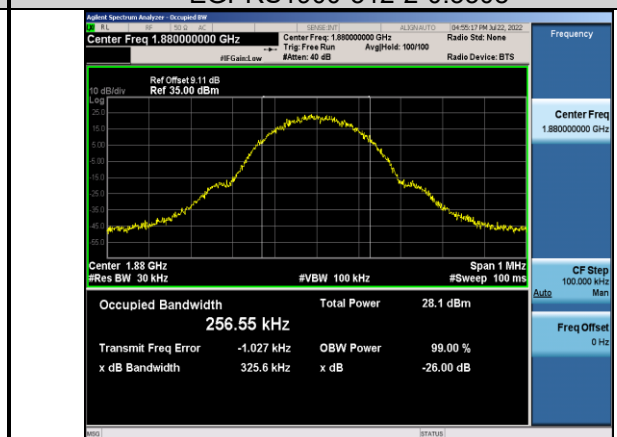
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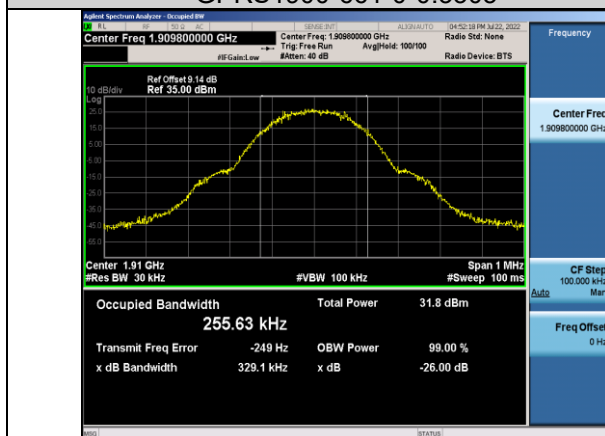
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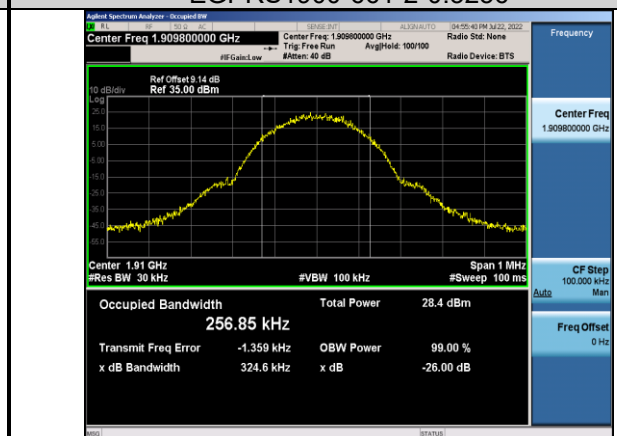
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EGPRS1900-661-2-0.3256

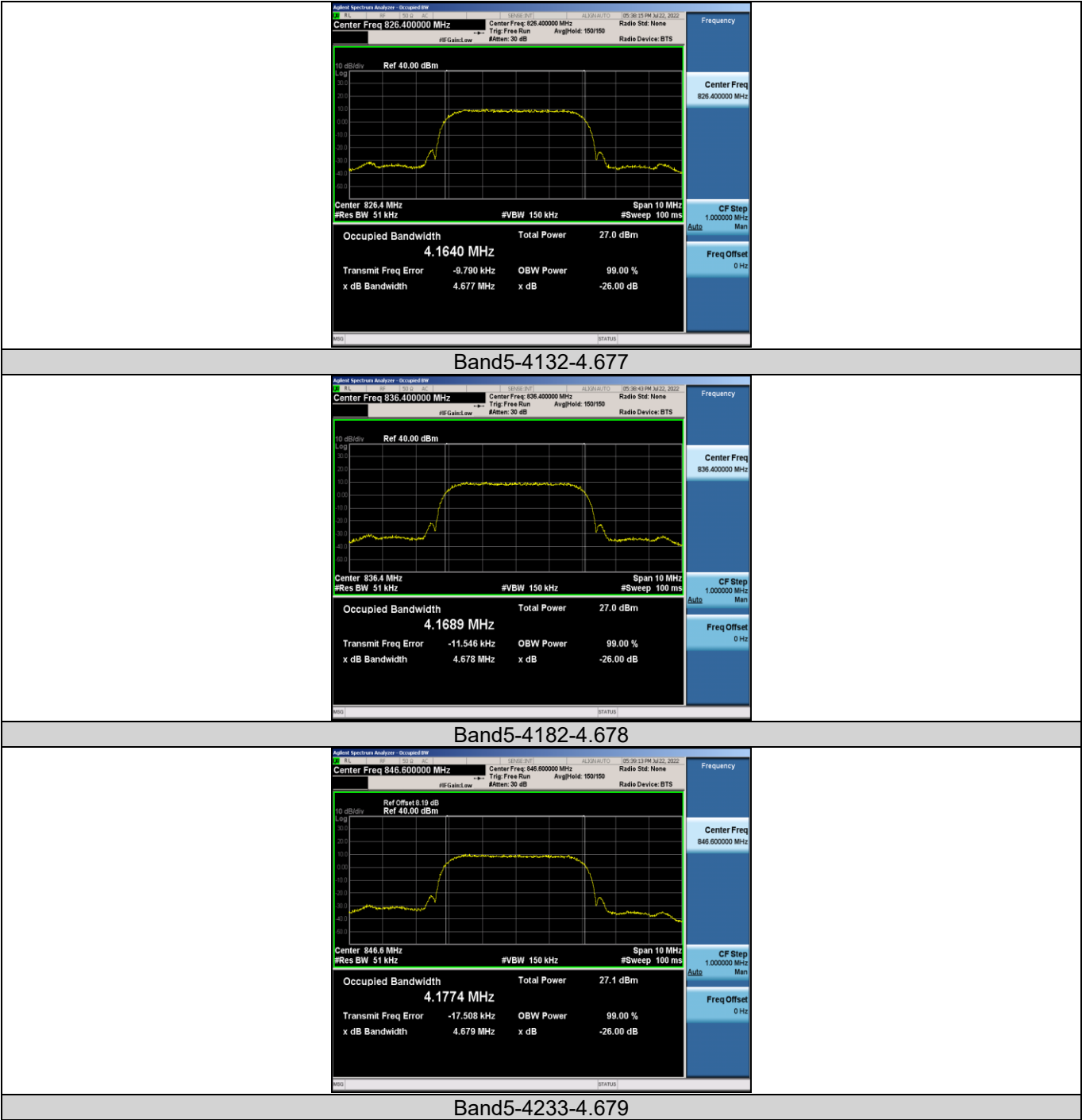


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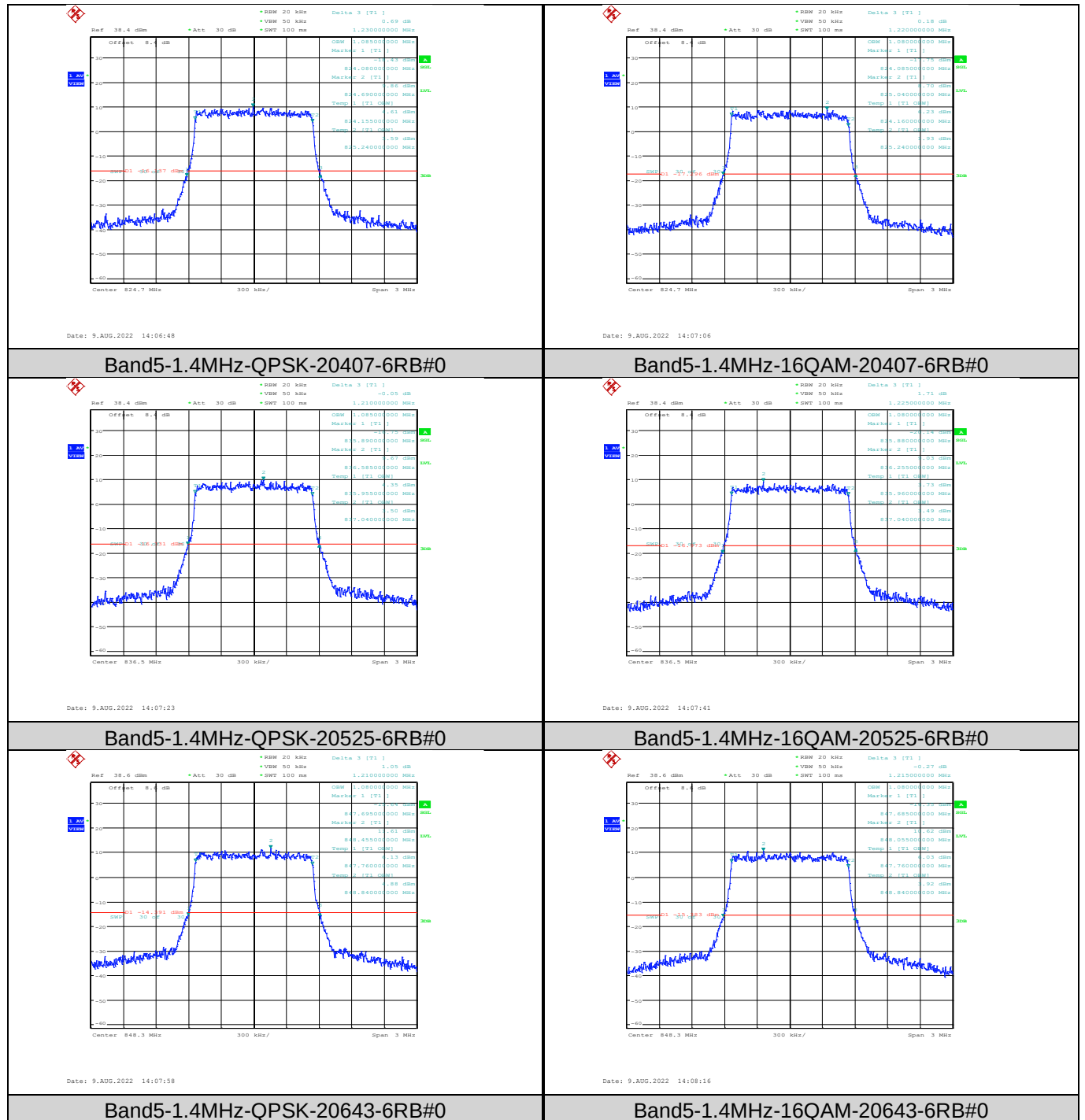


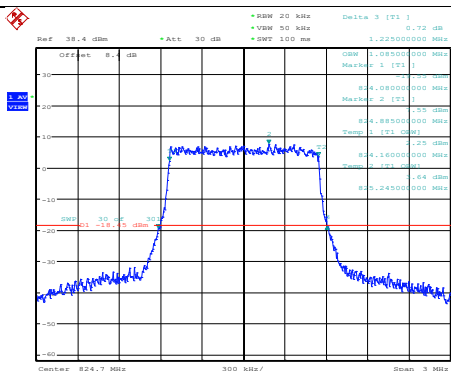
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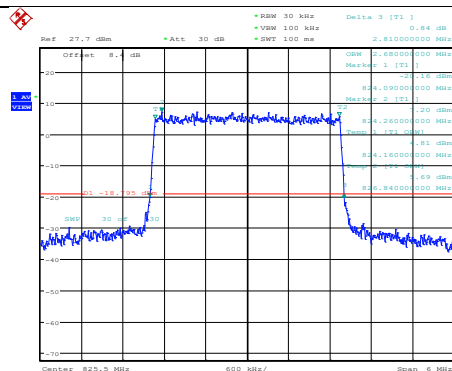
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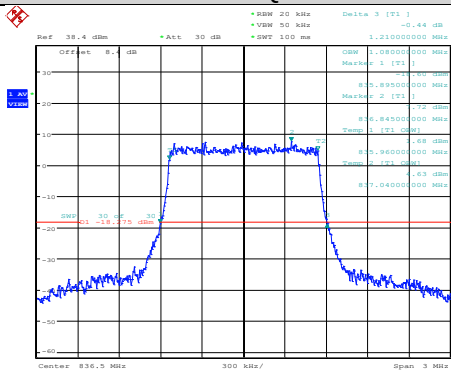
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Band5-1.4MHz-64QAM-20407-6RB#0



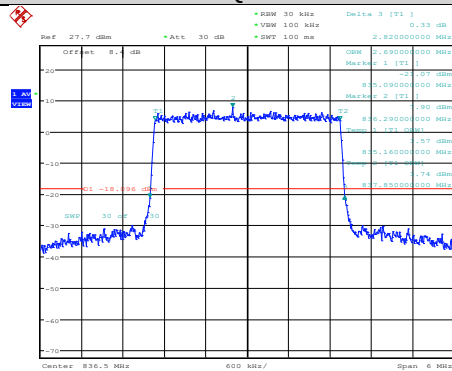
Date: 27.JUL.2022 11:16:01

Band5-3MHz-QPSK-20415-15RB#0



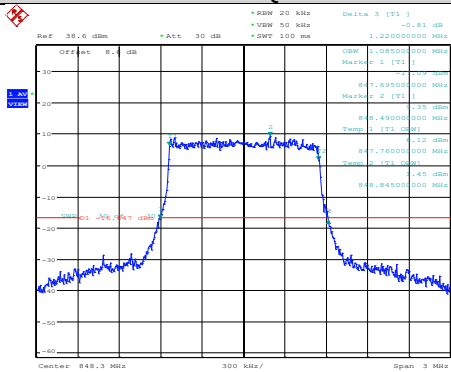
Date: 1.AUG.2022 15:25:59

Band5-1.4MHz-64QAM-20525-6RB#0



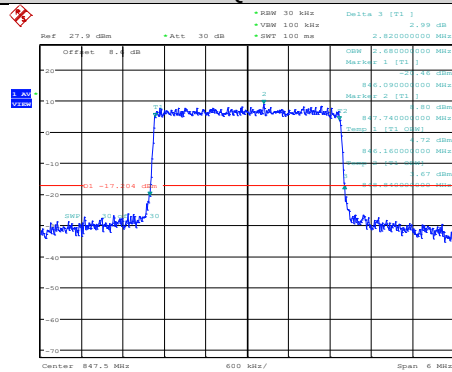
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Band5-3MHz-QPSK-20525-15RB#0



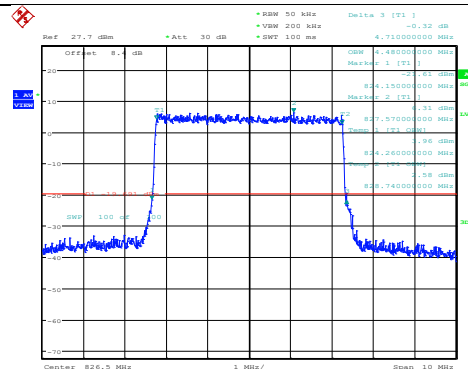
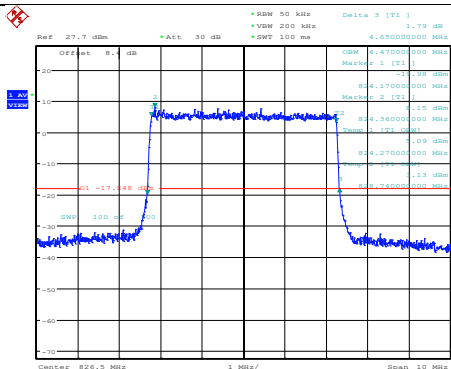
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Band5-1.4MHz-64QAM-20643-6RB#0

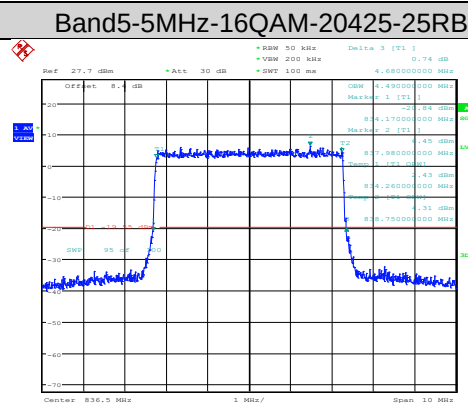
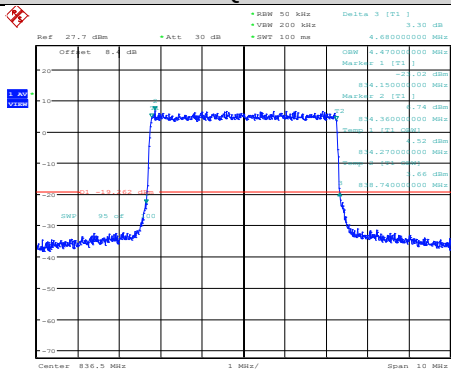


Date: 27.JUL.2022 11:17:12

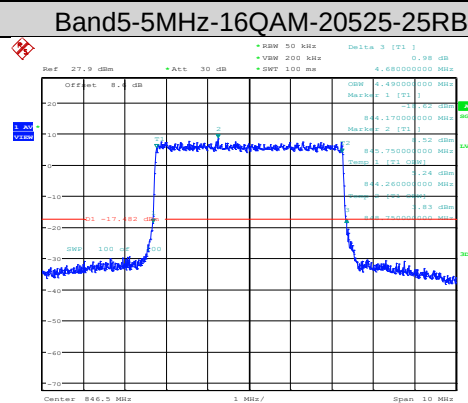
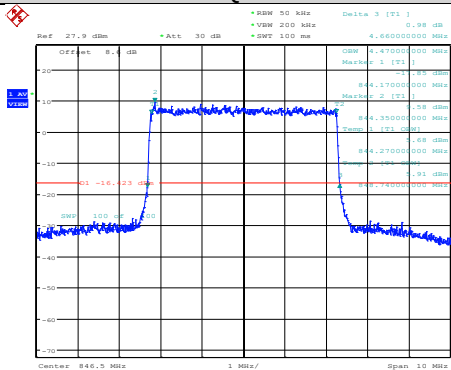
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Band5-5MHz-QPSK-20425-25RB#0

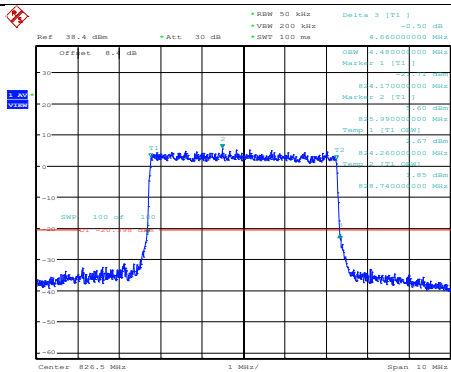


Band5-5MHz-QPSK-20525-25RB#0



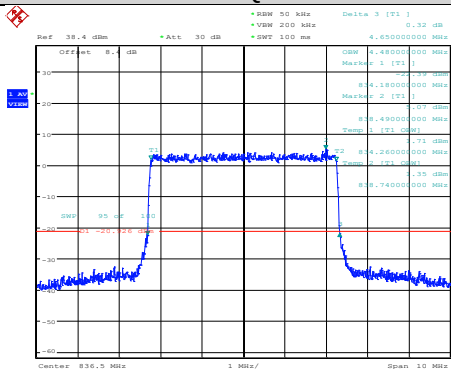
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Band5-5MHz-16QAM-20625-25RB#0



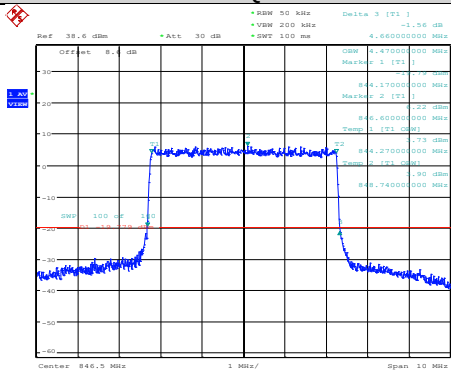
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Band5-5MHz-64QAM-20425-25RB#0



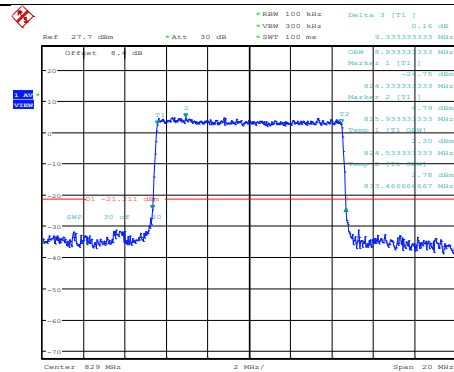
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Band5-5MHz-64QAM-20525-25RB#0



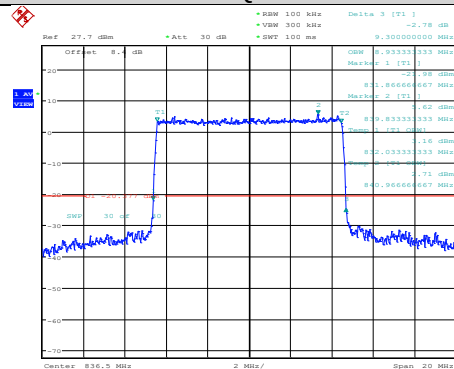
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Band5-5MHz-64QAM-20625-25RB#0



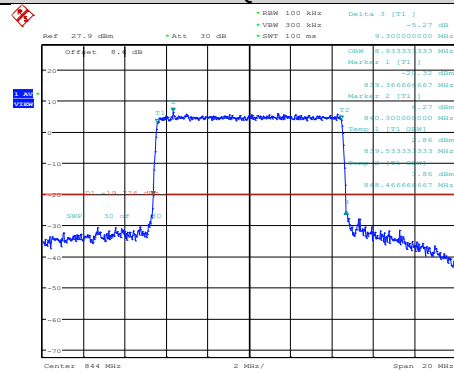
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Band5-10MHz-QPSK-20450-50RB#0



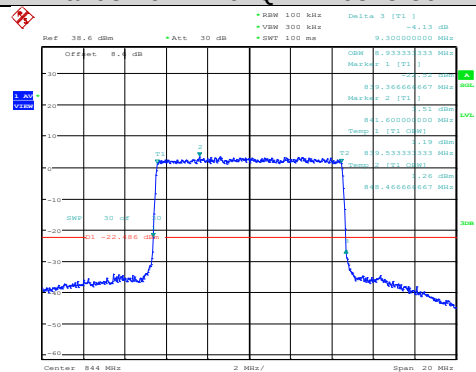
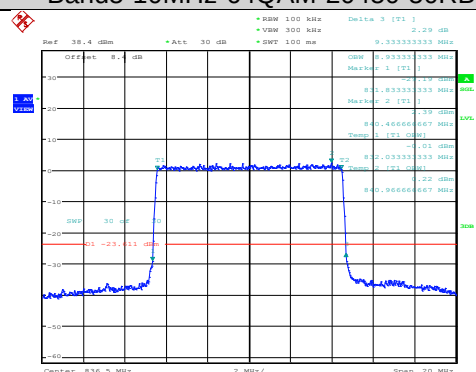
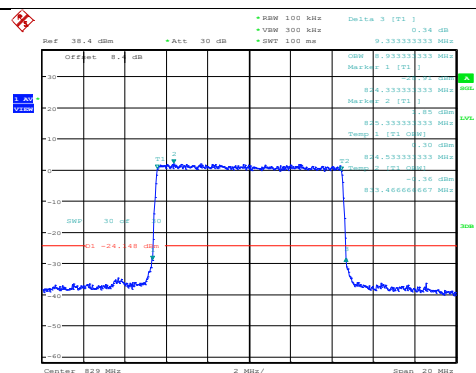
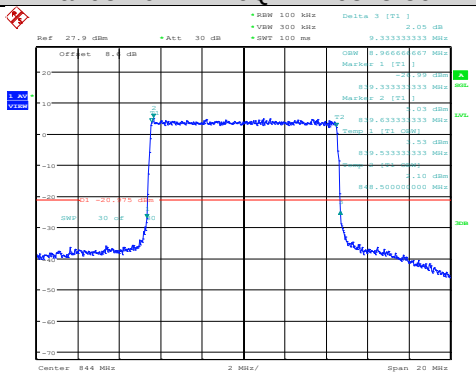
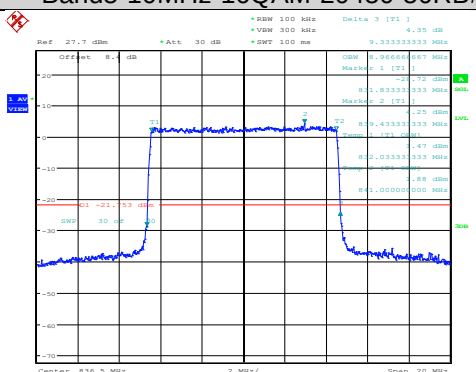
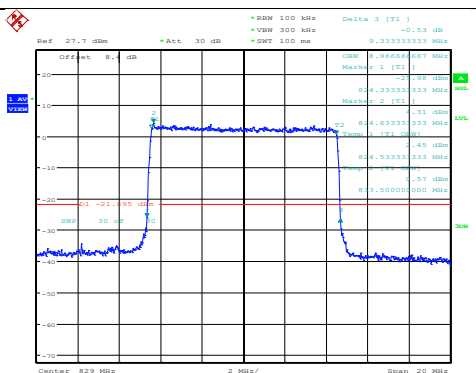
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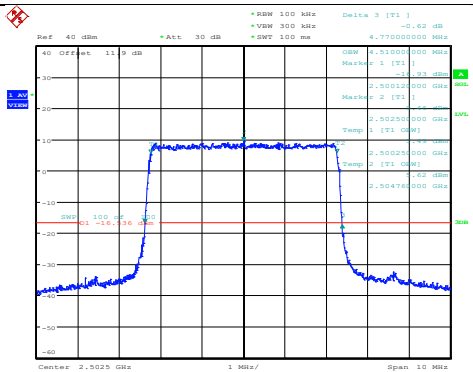
Band5-10MHz-QPSK-20525-50RB#0



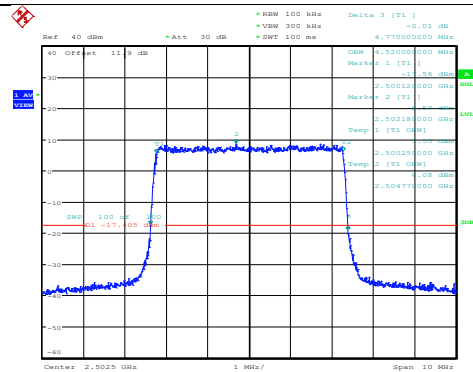
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Band5-10MHz-QPSK-20600-50RB#0





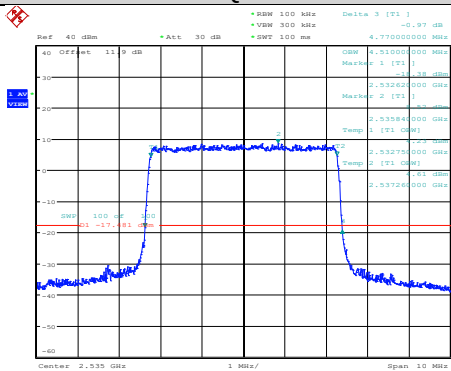
Date: 9.AUG.2022 14:12:01



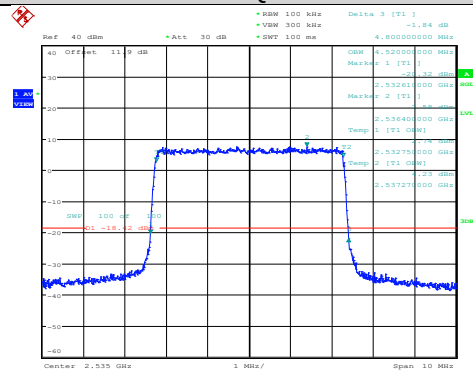
Date: 9.AUG.2022 14:12:26

Band7-5MHz-QPSK-20775-25RB#0

Band7-5MHz-16QAM-20775-25RB#0



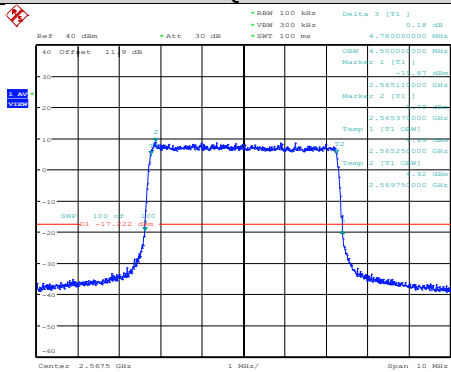
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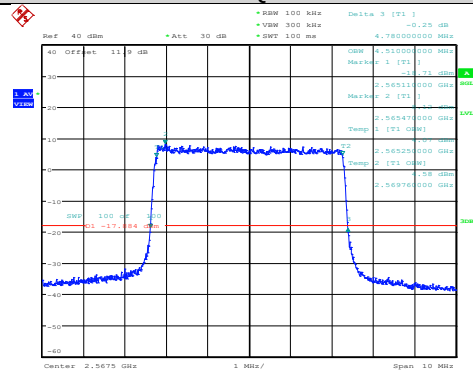
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Band7-5MHz-QPSK-21100-25RB#0

Band7-5MHz-16QAM-21100-25RB#0



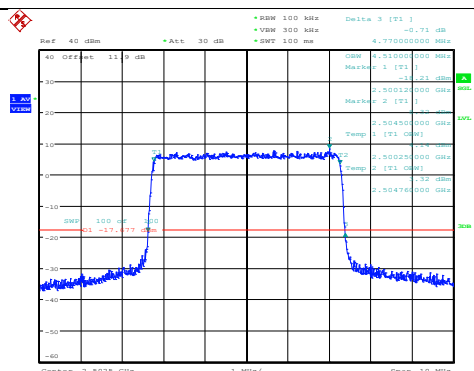
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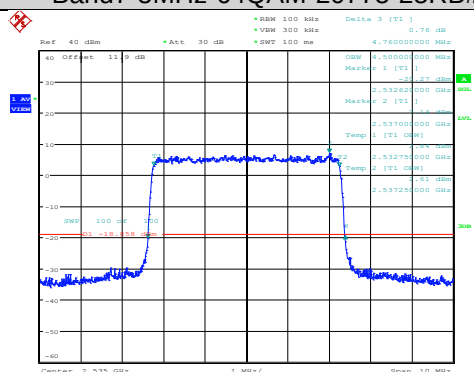
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Band7-5MHz-QPSK-21425-25RB#0

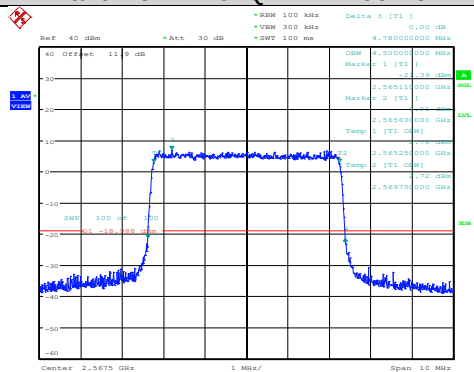
Band7-5MHz-16QAM-21425-25RB#0



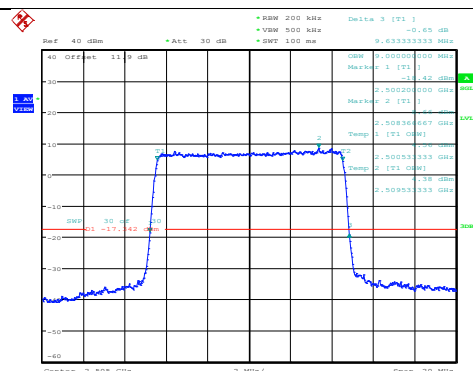
Band7-5MHz-64QAM-20775-25RB#0



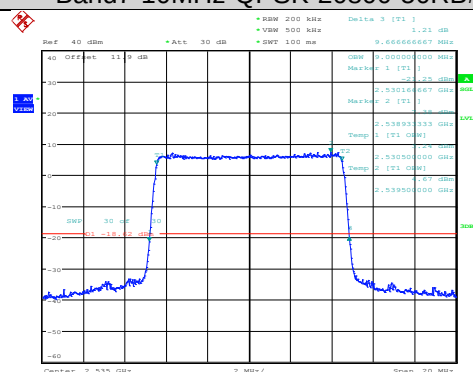
Band7-5MHz-64QAM-21100-25RB#0



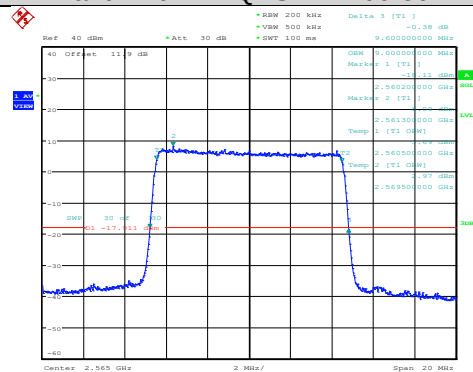
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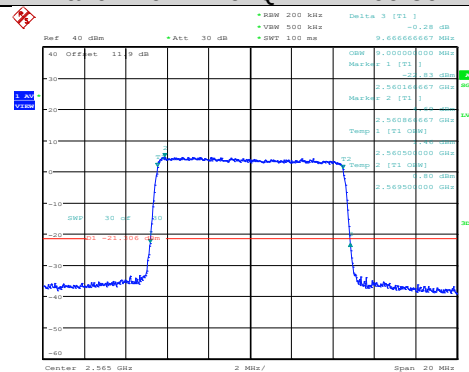
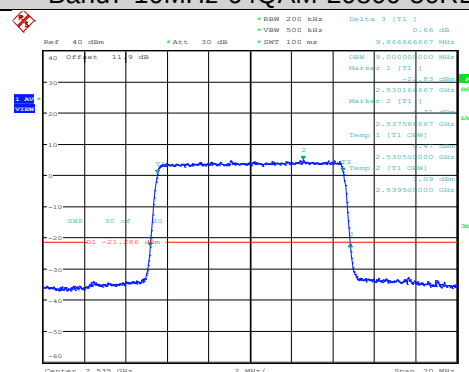
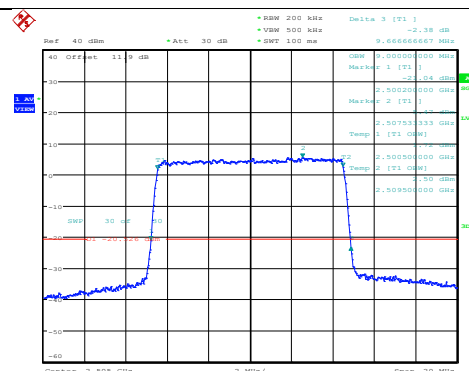
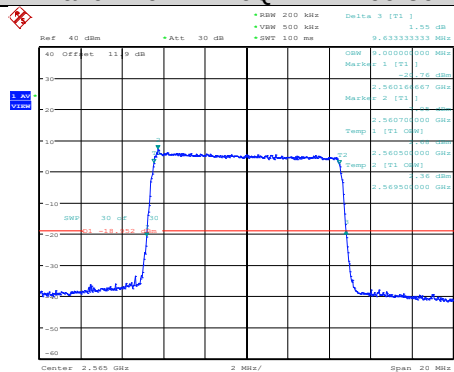
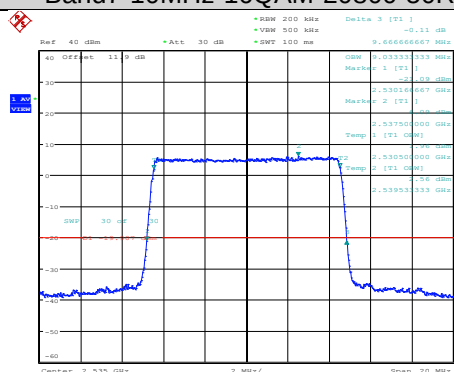
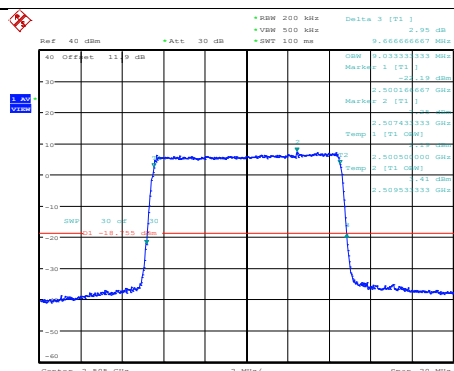
Band7-10MHz-QPSK-20800-50RB#0

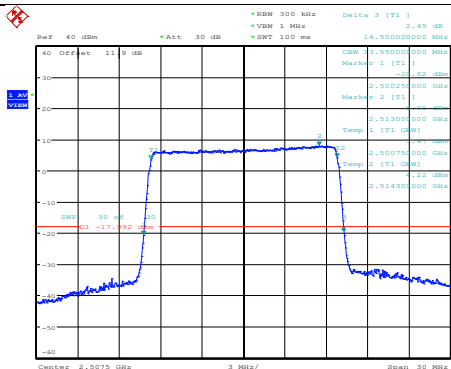


Band7-10MHz-QPSK-21100-50RB#0

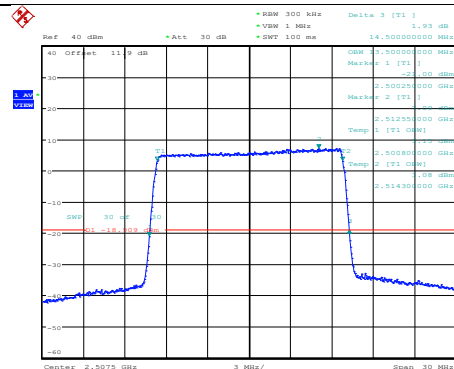


Band7-10MHz-QPSK-21400-50RB#0



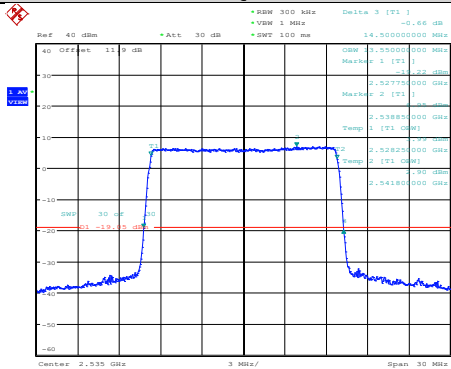


Date: 27.JUL.2022 14:10:02

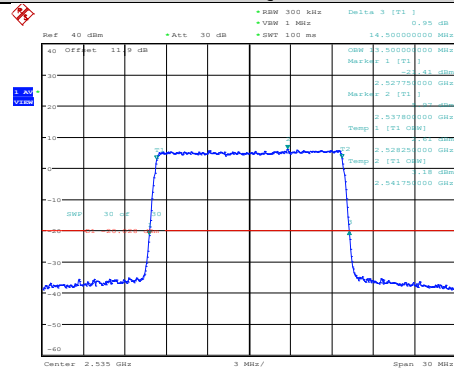


Date: 27.JUL.2022 14:10:20

Band7-15MHz-QPSK-20825-75RB#0

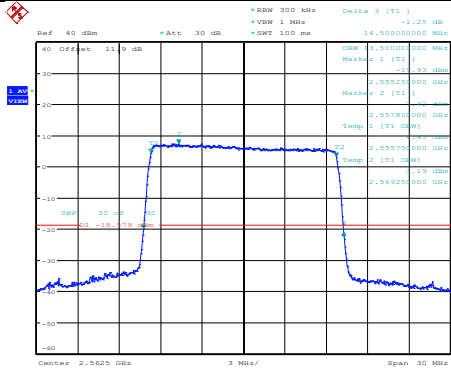


Date: 27.JUL.2022 14:10:38

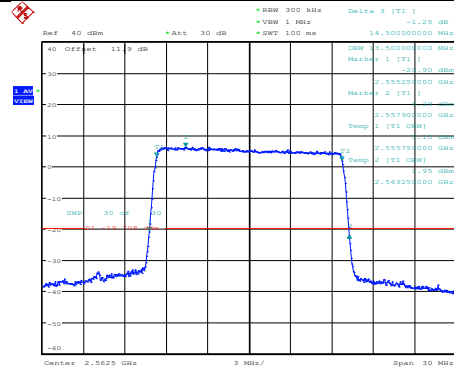


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Band7-15MHz-QPSK-21100-75RB#0



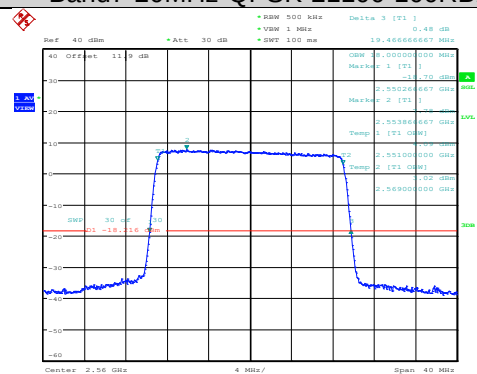
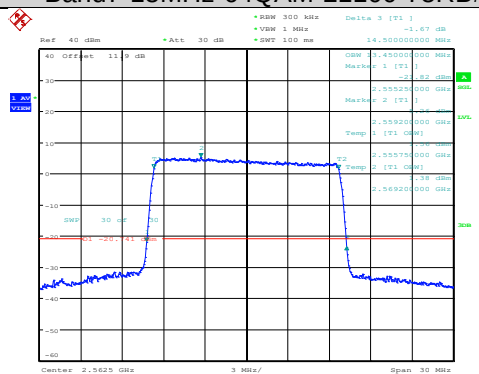
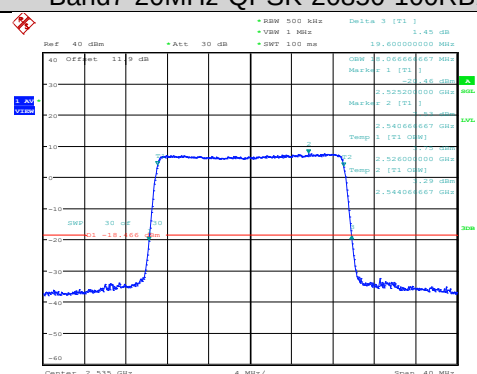
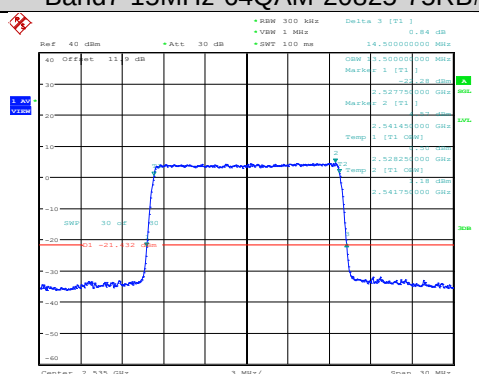
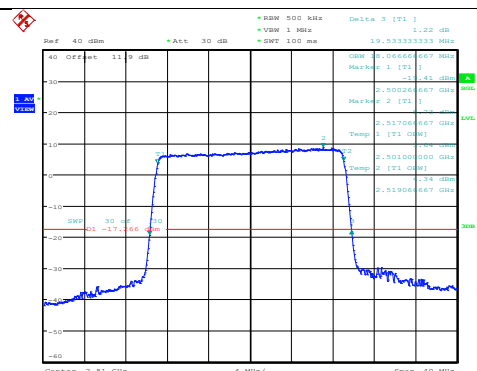
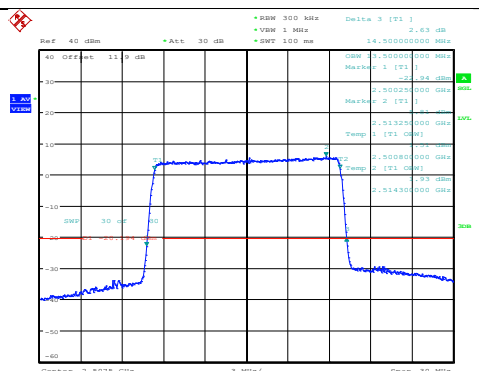
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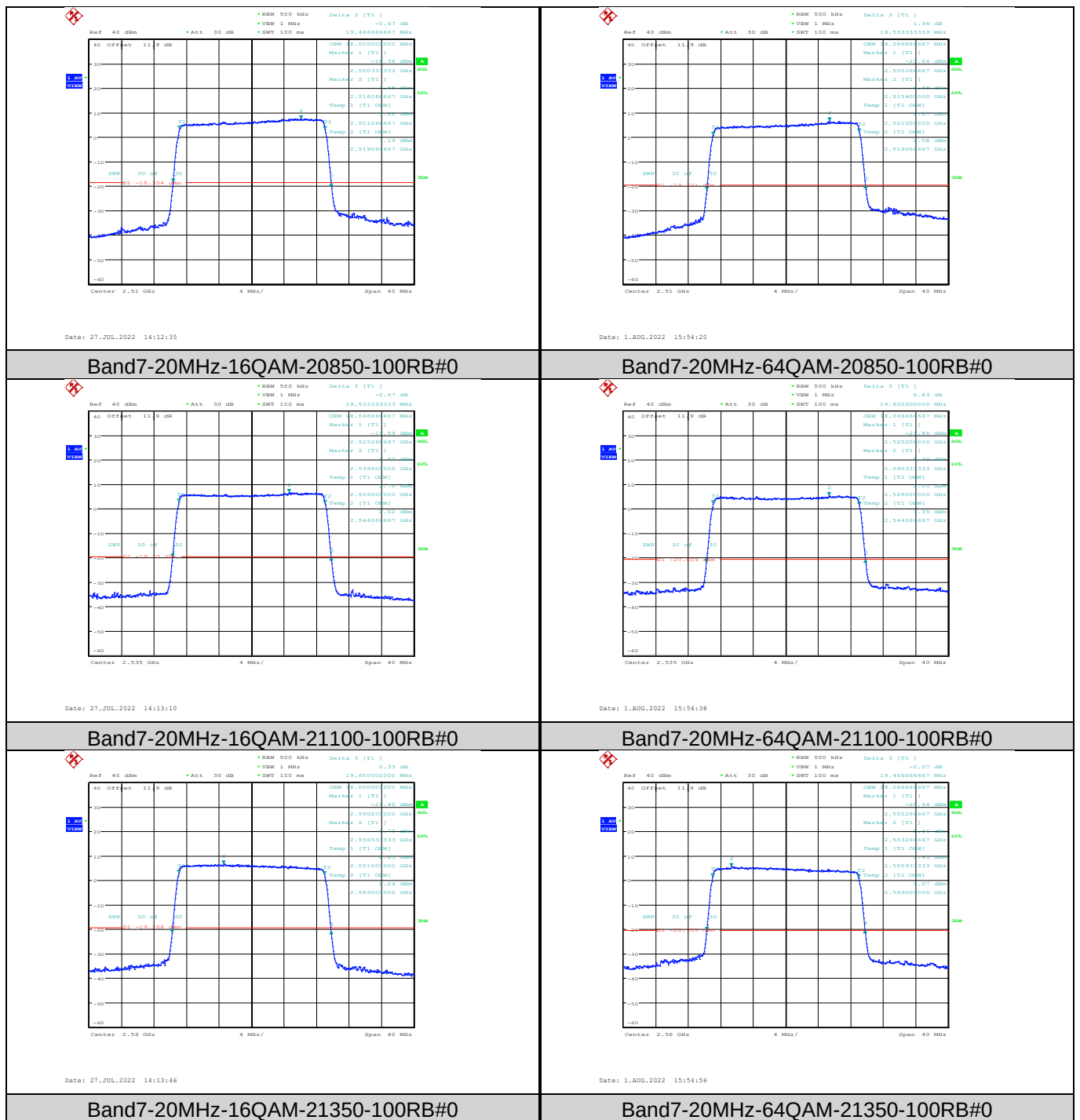


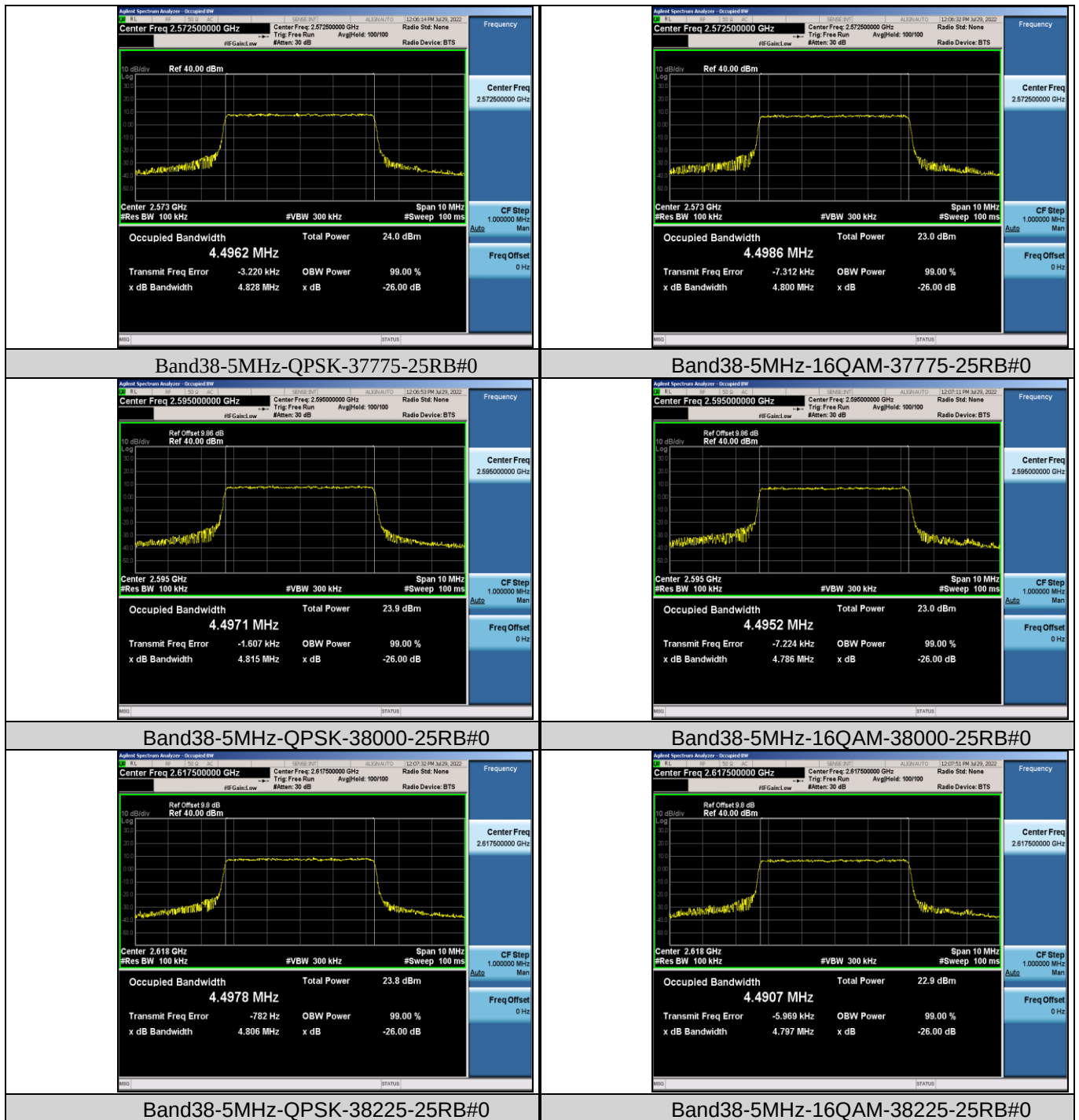
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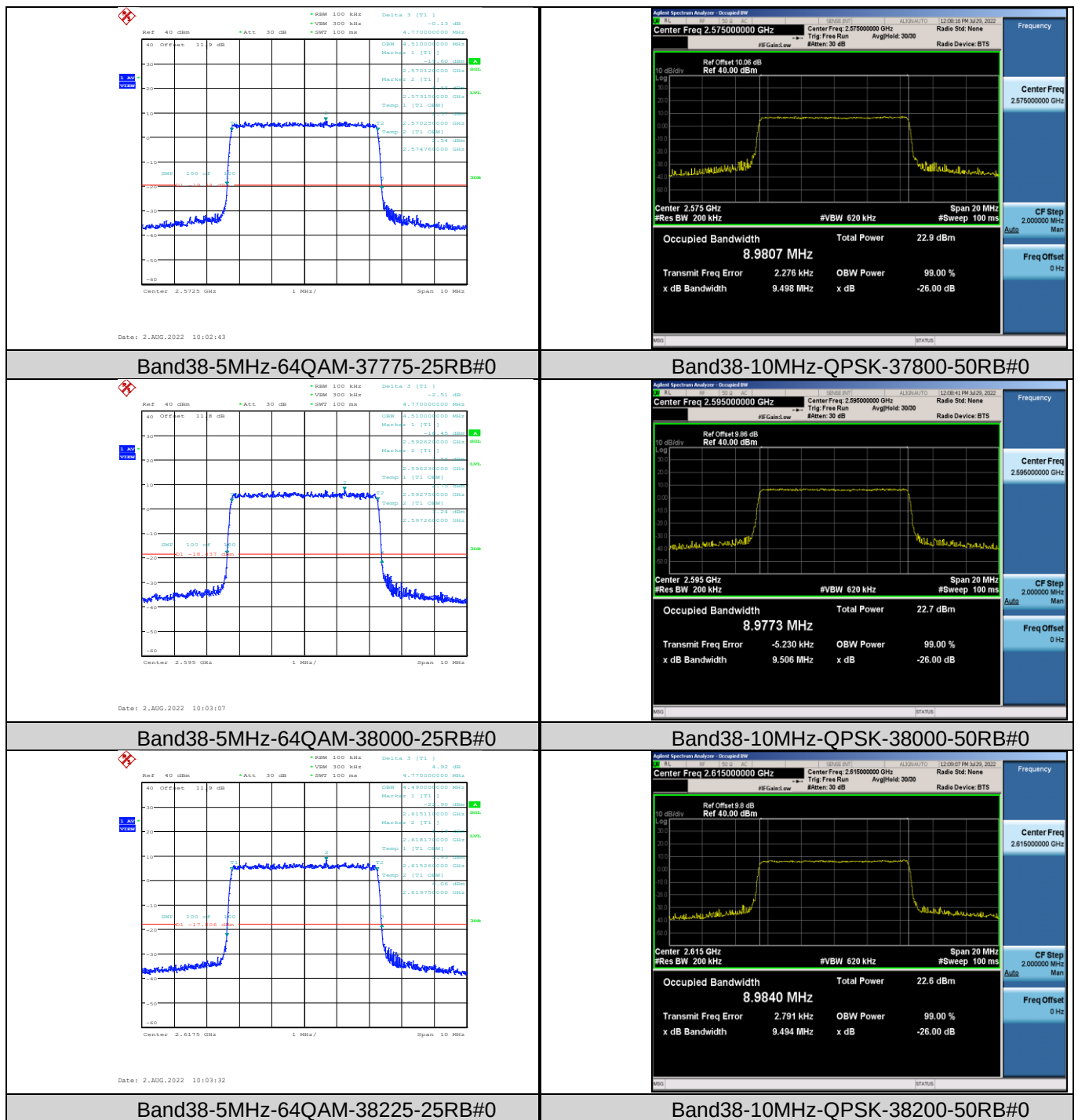
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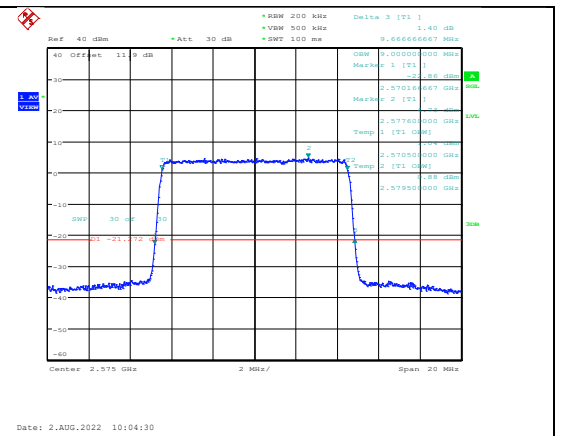
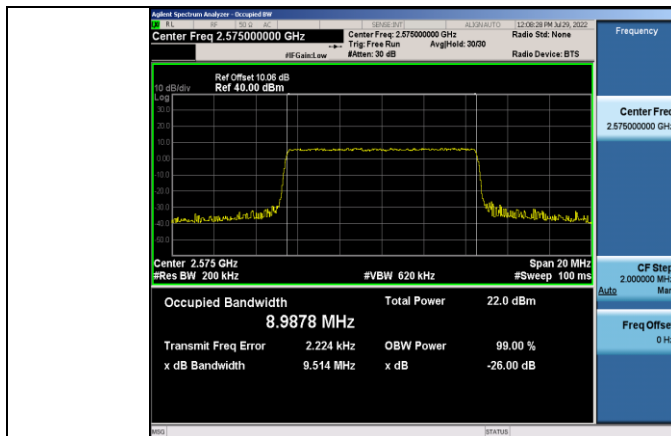
Band7-15MHz-16QAM-21375-75RB#0





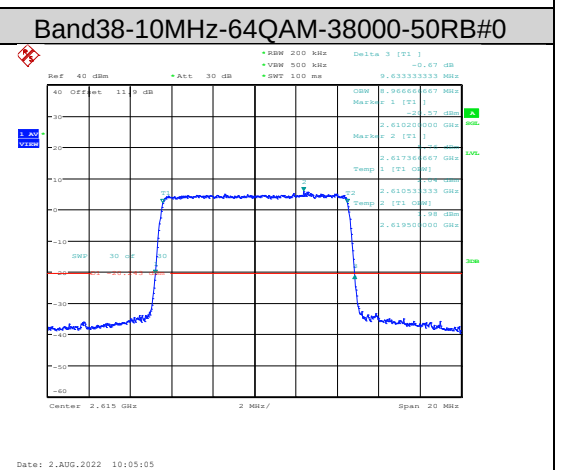
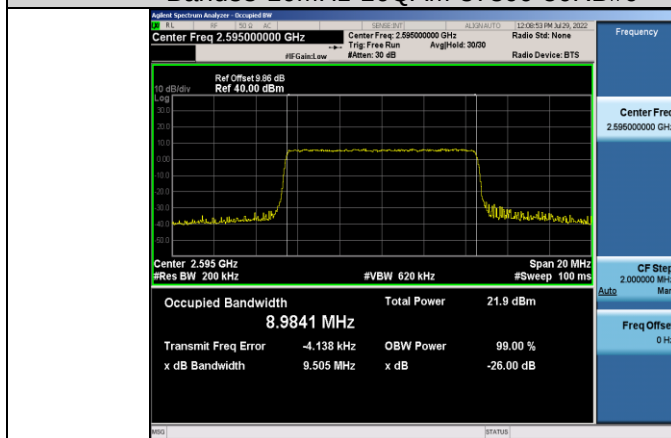






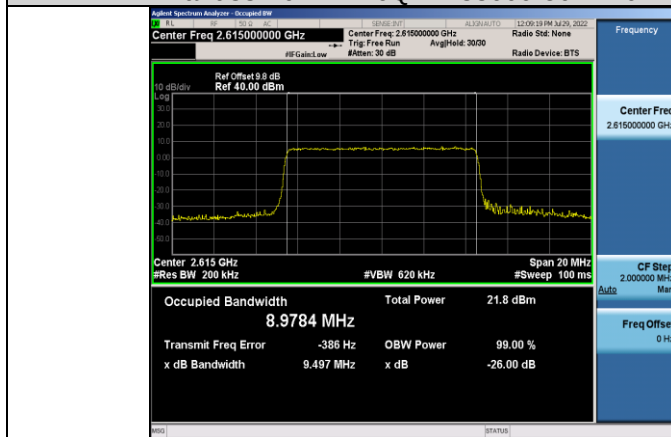
Band38-10MHz-16QAM-37800-50RB#0

Band38-10MHz-64QAM-37800-50RB#0



Band38-10MHz-16QAM-38000-50RB#0

Band38-10MHz-64QAM-38000-50RB#0



Band38-10MHz-16QAM-38200-50RB#0

Band38-10MHz-64QAM-38200-50RB#0