

Report No.: SEWM2306000195RG01

Rev.: 01

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Appendix B.13

LTE Band 41



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant1:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band41	5MHz	QPSK	40065	1RB#0	22.16	22.56	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#12	22.39	22.79	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#24	22.18	22.58	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#0	21.25	21.65	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#6	21.33	21.73	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#13	21.27	21.67	33.00	PASS
Band41	5MHz	QPSK	40065	25RB#0	21.34	21.74	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#0	22.4	22.8	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#12	22.62	23.02	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#24	22.42	22.82	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#0	21.49	21.89	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#6	21.52	21.92	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#13	21.43	21.83	33.00	PASS
Band41	5MHz	QPSK	40640	25RB#0	21.48	21.88	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#0	22.44	22.84	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#12	22.62	23.02	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#24	22.45	22.85	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#0	21.64	22.04	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#6	21.67	22.07	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#13	21.6	22	33.00	PASS
Band41	5MHz	QPSK	41215	25RB#0	21.6	22	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#0	21.27	21.67	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#12	21.57	21.97	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#24	21.27	21.67	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#0	20.25	20.65	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#6	20.24	20.64	33.00	PASS



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Band41	5MHz	16QAM	40065	12RB#13	20.19	20.59	33.00	PASS
Band41	5MHz	16QAM	40065	25RB#0	20.35	20.75	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#0	21.5	21.9	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#12	21.71	22.11	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#24	21.47	21.87	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#0	20.39	20.79	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#6	20.49	20.89	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#13	20.38	20.78	33.00	PASS
Band41	5MHz	16QAM	40640	25RB#0	20.57	20.97	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#0	21.44	21.84	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#12	21.82	22.22	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#24	21.67	22.07	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#0	20.64	21.04	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#6	20.66	21.06	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#13	20.61	21.01	33.00	PASS
Band41	5MHz	16QAM	41215	25RB#0	20.64	21.04	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#0	19.88	20.28	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#12	20.06	20.46	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#24	19.92	20.32	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#0	19.14	19.54	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#6	19.26	19.66	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#13	19.23	19.63	33.00	PASS
Band41	5MHz	64QAM	40065	25RB#0	19.16	19.56	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#0	20.1	20.5	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#12	20.32	20.72	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#24	20.13	20.53	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#0	19.43	19.83	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#6	19.5	19.9	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#13	19.38	19.78	33.00	PASS
Band41	5MHz	64QAM	40640	25RB#0	19.4	19.8	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#0	20.12	20.52	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#12	20.62	21.02	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#24	20.47	20.87	33.00	PASS



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Band41	5MHz	64QAM	41215	12RB#0	19.51	19.91	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#6	19.53	19.93	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#13	19.47	19.87	33.00	PASS
Band41	5MHz	64QAM	41215	25RB#0	19.47	19.87	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#0	22.38	22.78	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#24	22.42	22.82	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#49	22.28	22.68	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#0	21.29	21.69	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#12	21.32	21.72	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#25	21.35	21.75	33.00	PASS
Band41	10MHz	QPSK	40090	50RB#0	21.31	21.71	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#0	22.55	22.95	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#24	22.64	23.04	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#49	22.53	22.93	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#0	21.59	21.99	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#12	21.51	21.91	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#25	21.48	21.88	33.00	PASS
Band41	10MHz	QPSK	40640	50RB#0	21.58	21.98	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#0	22.59	22.99	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#24	22.67	23.07	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#49	22.61	23.01	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#0	21.6	22	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#12	21.59	21.99	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#25	21.58	21.98	33.00	PASS
Band41	10MHz	QPSK	41190	50RB#0	21.51	21.91	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#0	21.43	21.83	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#24	21.47	21.87	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#49	21.41	21.81	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#0	20.35	20.75	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#12	20.41	20.81	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#25	20.36	20.76	33.00	PASS
Band41	10MHz	16QAM	40090	50RB#0	20.36	20.76	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#0	21.66	22.06	33.00	PASS



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Band41	10MHz	16QAM	40640	1RB#24	21.71	22.11	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#49	21.52	21.92	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#0	20.55	20.95	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#12	20.57	20.97	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#25	20.48	20.88	33.00	PASS
Band41	10MHz	16QAM	40640	50RB#0	20.56	20.96	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#0	21.58	21.98	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#24	21.66	22.06	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#49	21.61	22.01	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#0	20.58	20.98	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#12	20.62	21.02	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#25	20.53	20.93	33.00	PASS
Band41	10MHz	16QAM	41190	50RB#0	20.54	20.94	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#0	20.03	20.43	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#24	20.1	20.5	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#49	20	20.4	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#0	19.21	19.61	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#12	19.24	19.64	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#25	19.31	19.71	33.00	PASS
Band41	10MHz	64QAM	40090	50RB#0	19.19	19.59	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#0	20.23	20.63	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#24	20.34	20.74	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#49	20.2	20.6	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#0	19.48	19.88	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#12	19.46	19.86	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#25	19.45	19.85	33.00	PASS
Band41	10MHz	64QAM	40640	50RB#0	19.39	19.79	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#0	20.23	20.63	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#24	20.31	20.71	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#49	20.24	20.64	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#0	19.42	19.82	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#12	19.41	19.81	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#25	19.38	19.78	33.00	PASS



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Band41	10MHz	64QAM	41190	50RB#0	19.4	19.8	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#0	22.16	22.56	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#38	22.33	22.73	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#74	22.2	22.6	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#0	22.25	22.65	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#18	22.36	22.76	33.00	PASS
Band41	15MHz	QPSK	40115	38RB#37	22.44	22.84	33.00	PASS
Band41	15MHz	QPSK	40115	75RB#0	21.35	21.75	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#0	22.52	22.92	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#38	22.55	22.95	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#74	22.44	22.84	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#0	22.54	22.94	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#18	22.54	22.94	33.00	PASS
Band41	15MHz	QPSK	40640	38RB#37	22.62	23.02	33.00	PASS
Band41	15MHz	QPSK	40640	75RB#0	21.53	21.93	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#0	22.42	22.82	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#38	22.57	22.97	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#74	22.49	22.89	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#0	22.43	22.83	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#18	22.53	22.93	33.00	PASS
Band41	15MHz	QPSK	41165	38RB#37	22.61	23.01	33.00	PASS
Band41	15MHz	QPSK	41165	75RB#0	21.5	21.9	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#0	21.3	21.7	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#38	21.42	21.82	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#74	21.31	21.71	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#0	21.32	21.72	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#18	21.4	21.8	33.00	PASS
Band41	15MHz	16QAM	40115	38RB#37	21.52	21.92	33.00	PASS
Band41	15MHz	16QAM	40115	75RB#0	20.31	20.71	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#0	21.58	21.98	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#38	21.6	22	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#74	21.45	21.85	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#0	21.54	21.94	33.00	PASS



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Band41	15MHz	16QAM	40640	38RB#18	21.63	22.03	33.00	PASS
Band41	15MHz	16QAM	40640	38RB#37	21.71	22.11	33.00	PASS
Band41	15MHz	16QAM	40640	75RB#0	20.52	20.92	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#0	21.41	21.81	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#38	21.55	21.95	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#74	21.49	21.89	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#0	21.42	21.82	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#18	21.5	21.9	33.00	PASS
Band41	15MHz	16QAM	41165	38RB#37	21.64	22.04	33.00	PASS
Band41	15MHz	16QAM	41165	75RB#0	20.47	20.87	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#0	19.89	20.29	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#38	20.02	20.42	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#74	19.92	20.32	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#0	19.93	20.33	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#18	20.02	20.42	33.00	PASS
Band41	15MHz	64QAM	40115	38RB#37	20.12	20.52	33.00	PASS
Band41	15MHz	64QAM	40115	75RB#0	19.21	19.61	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#0	20.17	20.57	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#38	20.24	20.64	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#74	20.09	20.49	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#0	20.19	20.59	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#18	20.25	20.65	33.00	PASS
Band41	15MHz	64QAM	40640	38RB#37	20.32	20.72	33.00	PASS
Band41	15MHz	64QAM	40640	75RB#0	19.46	19.86	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#0	20.07	20.47	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#38	20.16	20.56	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#74	20.15	20.55	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#0	20.07	20.47	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#18	20.18	20.58	33.00	PASS
Band41	15MHz	64QAM	41165	38RB#37	20.26	20.66	33.00	PASS
Band41	15MHz	64QAM	41165	75RB#0	19.38	19.78	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#0	22.09	22.49	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#49	22.55	22.95	33.00	PASS



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Band41	20MHz	QPSK	40140	1RB#99	22.11	22.51	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#0	21.22	21.62	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#25	21.31	21.71	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#50	21.34	21.74	33.00	PASS
Band41	20MHz	QPSK	40140	100RB#0	21.33	21.73	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#0	22.33	22.73	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#49	22.71	23.11	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#99	22.27	22.67	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#0	21.5	21.9	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#25	21.51	21.91	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#50	21.5	21.9	33.00	PASS
Band41	20MHz	QPSK	40640	100RB#0	21.6	22	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#0	22.22	22.62	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#49	22.61	23.01	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#99	22.32	22.72	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#0	21.44	21.84	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#25	21.47	21.87	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#50	21.36	21.76	33.00	PASS
Band41	20MHz	QPSK	41140	100RB#0	21.53	21.93	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#0	21.2	21.6	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#49	21.59	21.99	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#99	21.21	21.61	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#0	20.31	20.71	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#25	20.36	20.76	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#50	20.38	20.78	33.00	PASS
Band41	20MHz	16QAM	40140	100RB#0	20.36	20.76	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#0	21.44	21.84	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#49	21.76	22.16	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#99	21.33	21.73	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#0	20.55	20.95	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#25	20.55	20.95	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#50	20.56	20.96	33.00	PASS
Band41	20MHz	16QAM	40640	100RB#0	20.59	20.99	33.00	PASS



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Band41	20MHz	16QAM	41140	1RB#0	21.27	21.67	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#49	21.61	22.01	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#99	21.35	21.75	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#0	20.42	20.82	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#25	20.43	20.83	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#50	20.36	20.76	33.00	PASS
Band41	20MHz	16QAM	41140	100RB#0	20.53	20.93	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#0	19.75	20.15	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#49	20.17	20.57	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#99	19.76	20.16	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#0	19.11	19.51	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#25	19.18	19.58	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#50	19.23	19.63	33.00	PASS
Band41	20MHz	64QAM	40140	100RB#0	19.27	19.67	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#0	20.05	20.45	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#49	20.36	20.76	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#99	19.91	20.31	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#0	19.36	19.76	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#25	19.4	19.8	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#50	19.42	19.82	33.00	PASS
Band41	20MHz	64QAM	40640	100RB#0	19.51	19.91	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#0	19.85	20.25	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#49	20.23	20.63	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#99	19.95	20.35	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#0	19.3	19.7	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#25	19.35	19.75	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#50	19.24	19.64	33.00	PASS
Band41	20MHz	64QAM	41140	100RB#0	19.43	19.83	33.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	40140	100RB#0	9.62	13	PASS
Band41	20MHz	QPSK	40640	100RB#0	9.54	13	PASS
Band41	20MHz	QPSK	41140	100RB#0	9.60	13	PASS
Band41	20MHz	16QAM	40140	100RB#0	9.72	13	PASS
Band41	20MHz	16QAM	40640	100RB#0	9.72	13	PASS
Band41	20MHz	16QAM	41140	100RB#0	9.72	13	PASS
Band41	20MHz	64QAM	40140	100RB#0	9.74	13	PASS
Band41	20MHz	64QAM	40640	100RB#0	9.70	13	PASS
Band41	20MHz	64QAM	41140	100RB#0	9.68	13	PASS



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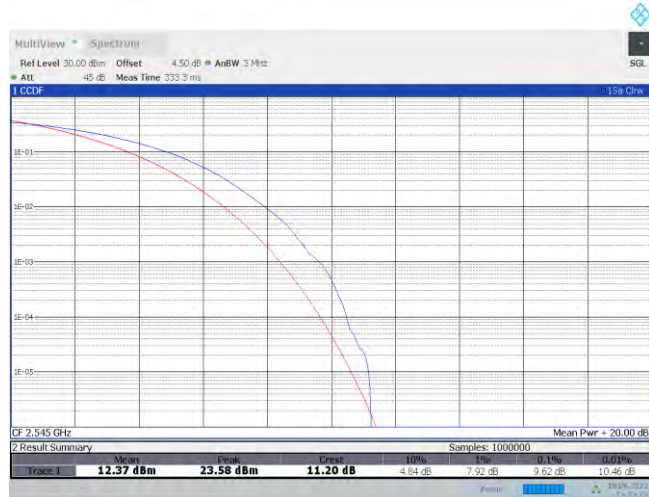
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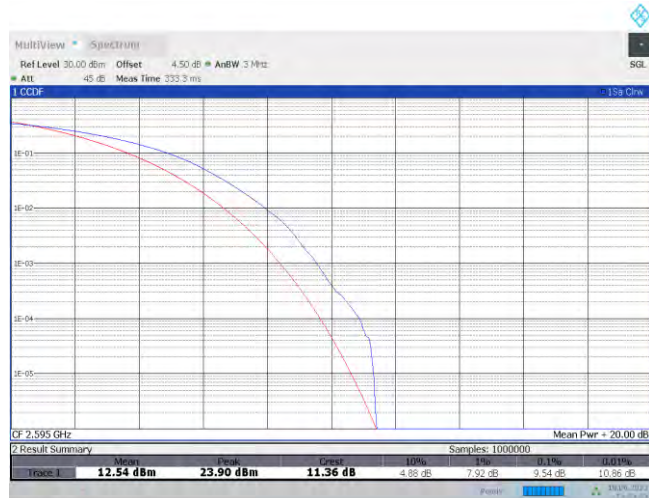
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Test Graphs

Band41-20MHz-QPSK-40140-100RB#0



Band41-20MHz-QPSK-40640-100RB#0



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Band41-20MHz-QPSK-41140-100RB#0



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Band41-20MHz-16QAM-40140-100RB#0



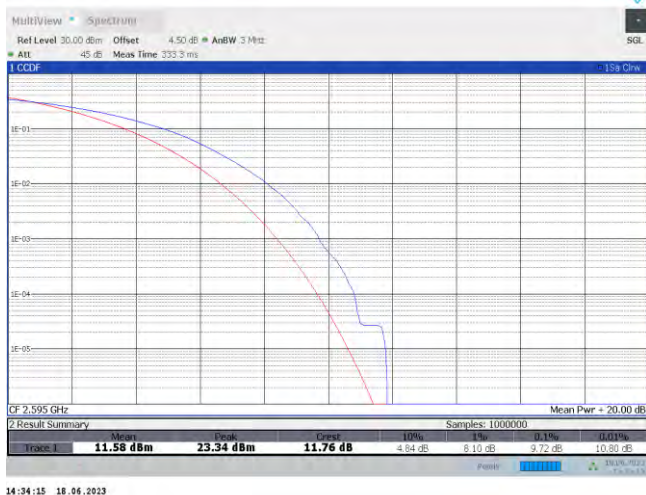
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Band41-20MHz-16QAM-41140-100RB#0



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Band41-20MHz-64QAM-40140-100RB#0



Band41-20MHz-64QAM-40640-100RB#0



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Band41-20MHz-64QAM-41140-100RB#0



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Report No.: SEWM2306000195RG01

Rev.: 01

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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band41	20MHz	QPSK	40640	100RB#0	PASS	PASS
Band41	20MHz	16QAM	40640	100RB#0	PASS	PASS
Band41	20MHz	64QAM	40640	100RB#0	PASS	PASS



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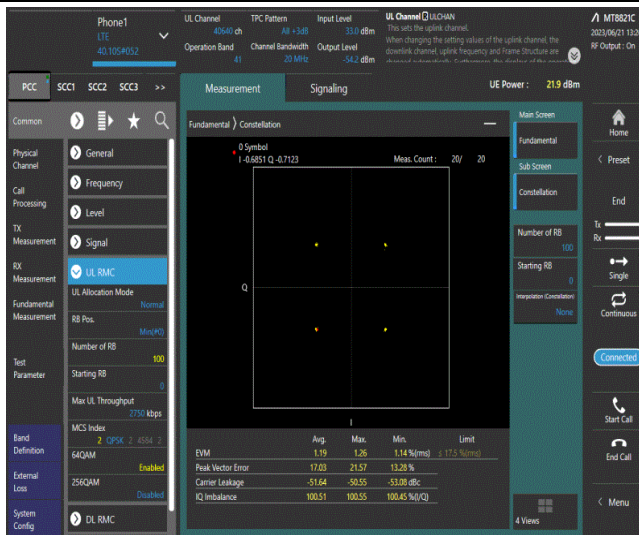
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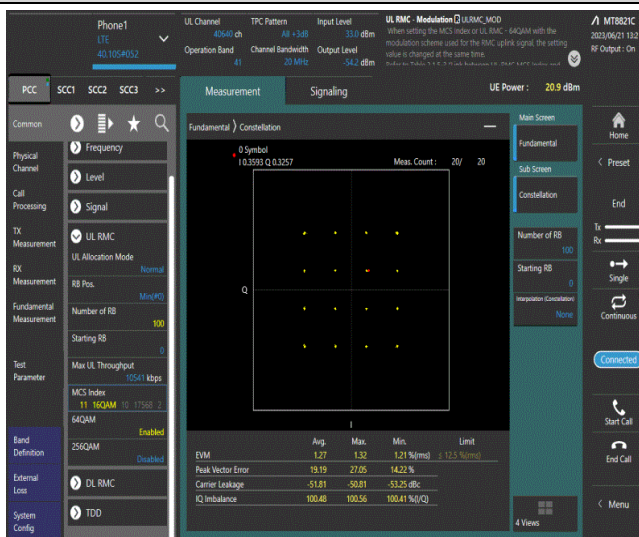
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Test Graphs

Band41-20MHz-QPSK-40640-100RB#0



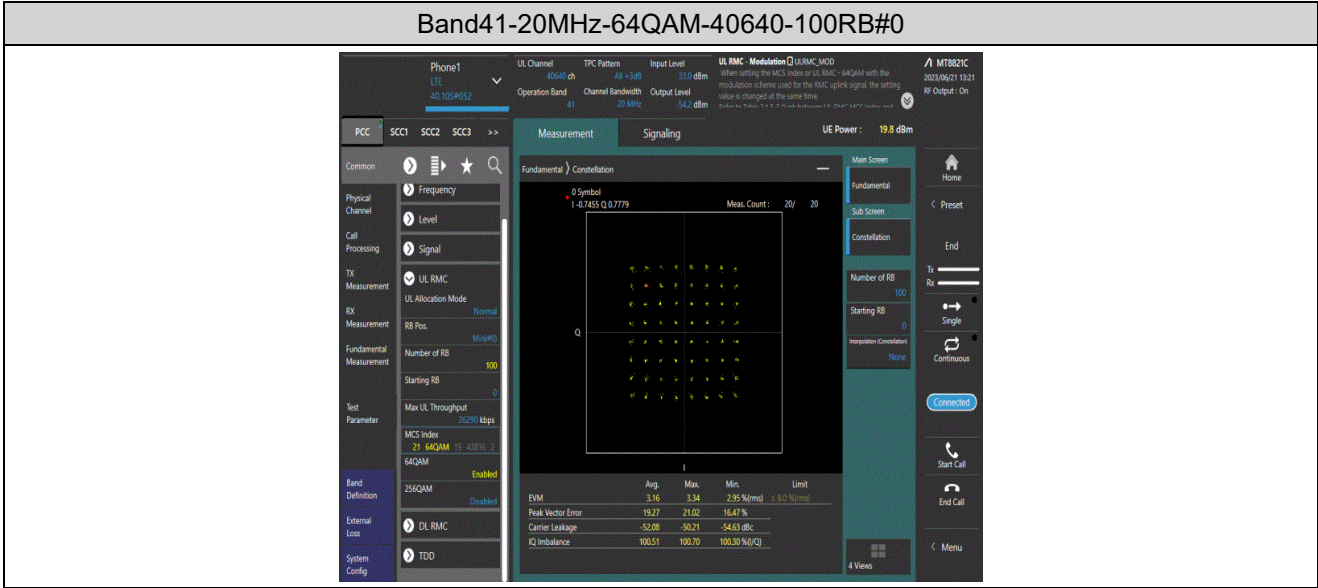
Band41-20MHz-16QAM-40640-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	40065	25RB#0	4.463	4.74	PASS
Band41	5MHz	QPSK	40640	25RB#0	4.469	4.82	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.461	4.82	PASS
Band41	5MHz	16QAM	40065	25RB#0	4.456	4.75	PASS
Band41	5MHz	16QAM	40640	25RB#0	4.464	4.80	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.465	4.76	PASS
Band41	5MHz	64QAM	40065	25RB#0	4.473	4.72	PASS
Band41	5MHz	64QAM	40640	25RB#0	4.452	4.74	PASS
Band41	5MHz	64QAM	41215	25RB#0	4.486	5.28	PASS
Band41	10MHz	QPSK	40090	50RB#0	8.920	9.84	PASS
Band41	10MHz	QPSK	40640	50RB#0	8.934	9.66	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.929	9.52	PASS
Band41	10MHz	16QAM	40090	50RB#0	8.915	9.72	PASS
Band41	10MHz	16QAM	40640	50RB#0	8.926	10.98	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.919	9.44	PASS
Band41	10MHz	64QAM	40090	50RB#0	8.958	9.98	PASS
Band41	10MHz	64QAM	40640	50RB#0	8.969	9.38	PASS
Band41	10MHz	64QAM	41190	50RB#0	8.981	9.96	PASS
Band41	15MHz	QPSK	40115	75RB#0	13.524	14.85	PASS
Band41	15MHz	QPSK	40640	75RB#0	13.492	14.34	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.411	15.12	PASS
Band41	15MHz	16QAM	40115	75RB#0	13.430	15.60	PASS
Band41	15MHz	16QAM	40640	75RB#0	13.498	14.85	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.411	15.12	PASS
Band41	15MHz	64QAM	40115	75RB#0	13.475	14.91	PASS
Band41	15MHz	64QAM	40640	75RB#0	13.456	14.40	PASS
Band41	15MHz	64QAM	41165	75RB#0	13.448	15.48	PASS
Band41	20MHz	QPSK	40140	100RB#0	17.851	19.92	PASS
Band41	20MHz	QPSK	40640	100RB#0	17.863	18.88	PASS



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Report No.: SEWM2306000195RG01

Rev.: 01

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Band41	20MHz	QPSK	41140	100RB#0	17.891	18.92	PASS
Band41	20MHz	16QAM	40140	100RB#0	17.871	18.96	PASS
Band41	20MHz	16QAM	40640	100RB#0	17.863	18.88	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.817	19.08	PASS
Band41	20MHz	64QAM	40140	100RB#0	17.940	19.96	PASS
Band41	20MHz	64QAM	40640	100RB#0	17.895	20.56	PASS
Band41	20MHz	64QAM	41140	100RB#0	17.931	19.48	PASS



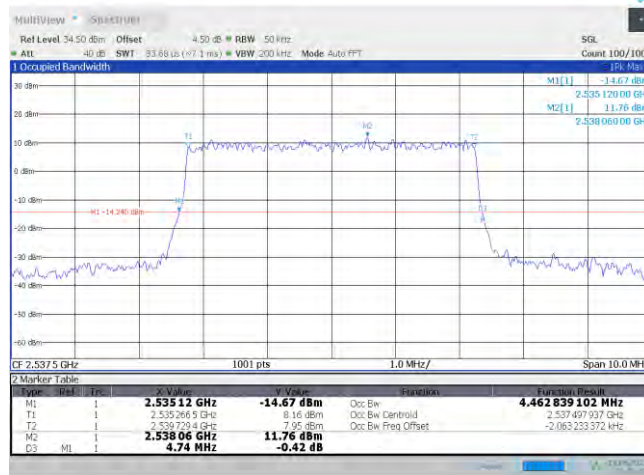
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Test Graphs

Band41-5MHz-QPSK-40065-25RB#0



13:06:19 18.06.2023

Band41-5MHz-QPSK-40640-25RB#0



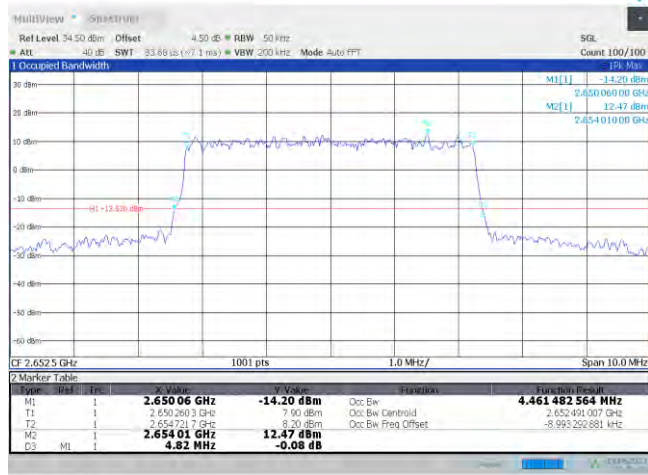
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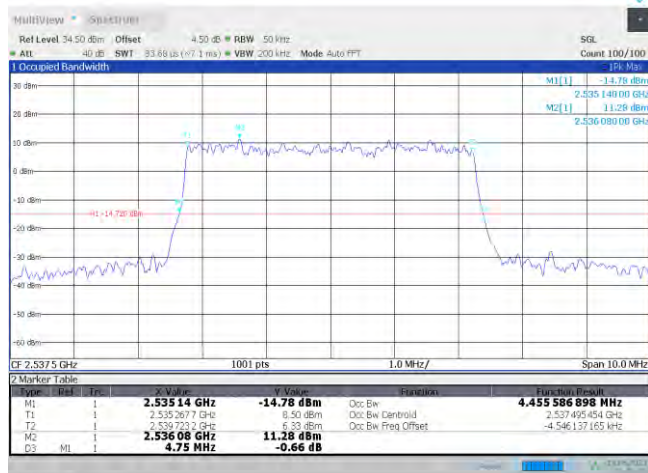
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Band41-5MHz-QPSK-41215-25RB#0



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Band41-5MHz-16QAM-40065-25RB#0



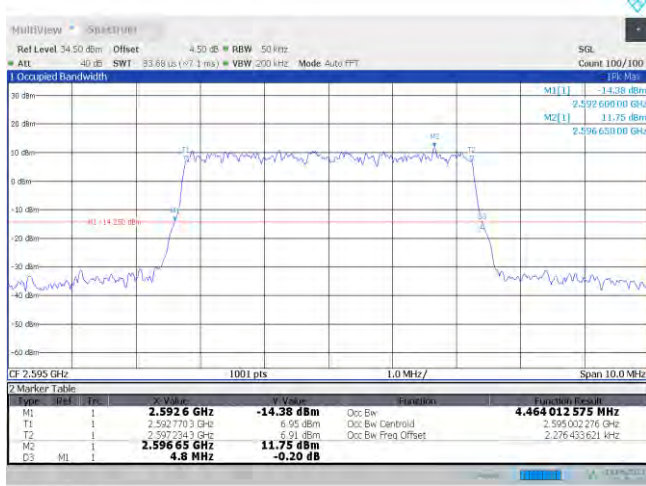
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Band41-5MHz-16QAM-40640-25RB#0



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Band41-5MHz-16QAM-41215-25RB#0



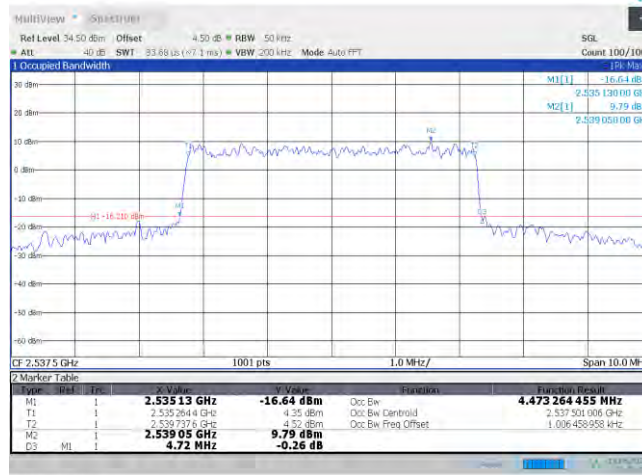
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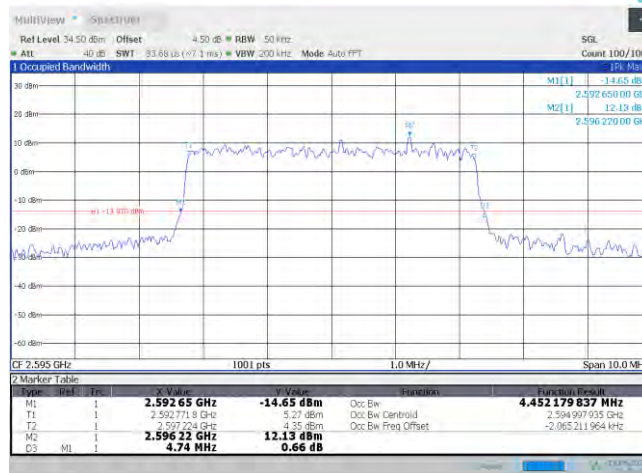
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Band41-5MHz-64QAM-40065-25RB#0



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Band41-5MHz-64QAM-40640-25RB#0



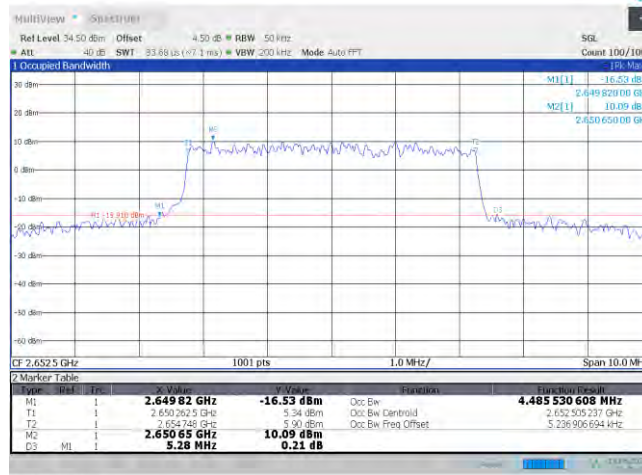
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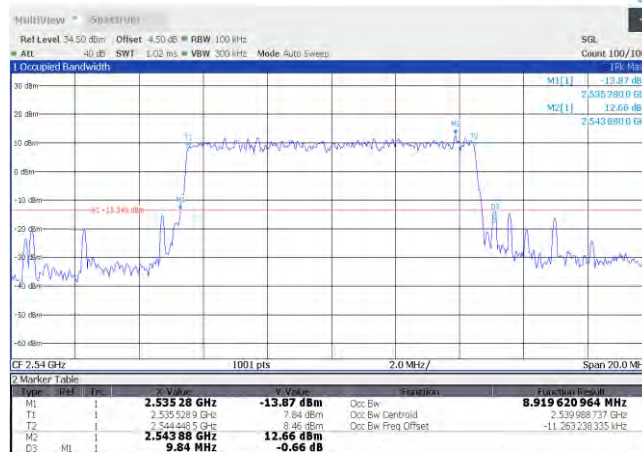
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Band41-5MHz-64QAM-41215-25RB#0



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Band41-10MHz-QPSK-40090-50RB#0



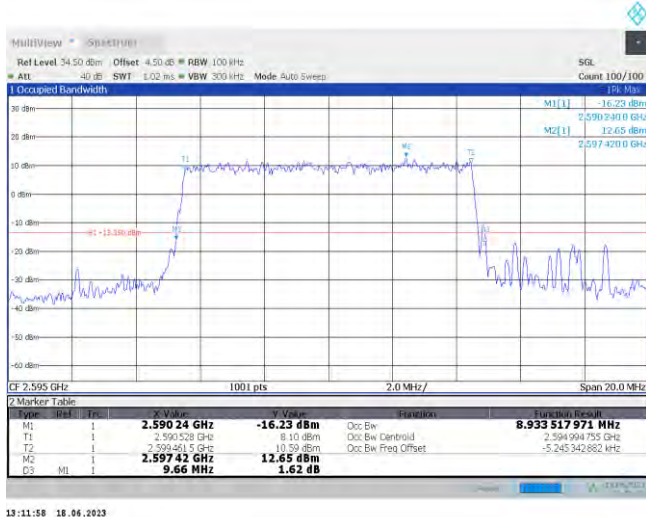
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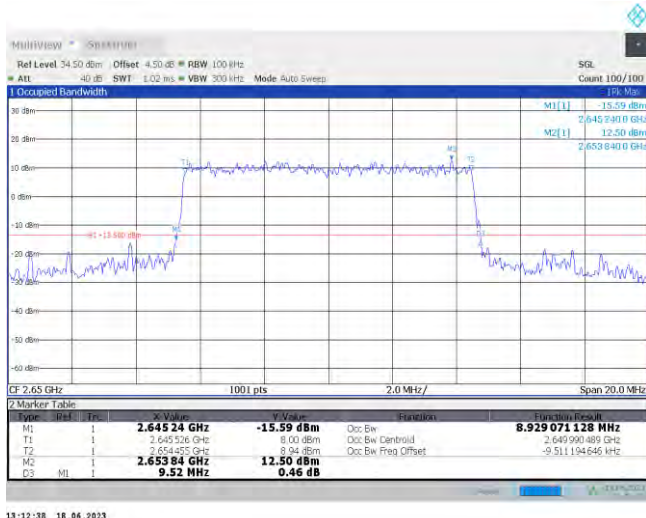
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Band41-10MHz-QPSK-40640-50RB#0



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Band41-10MHz-QPSK-41190-50RB#0



13:12:38 18.06.2023



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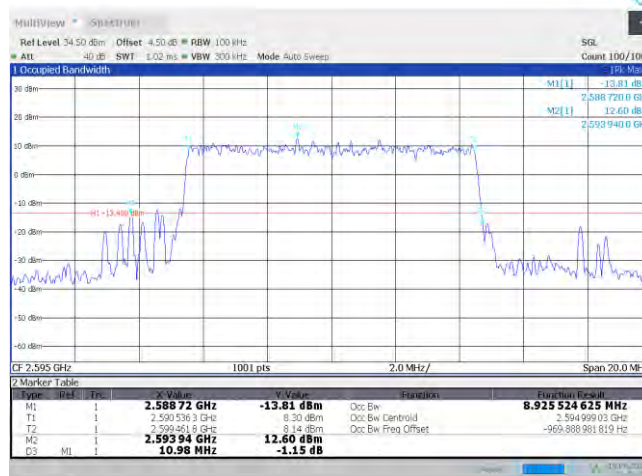
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Band41-10MHz-16QAM-40090-50RB#0



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Band41-10MHz-16QAM-40640-50RB#0



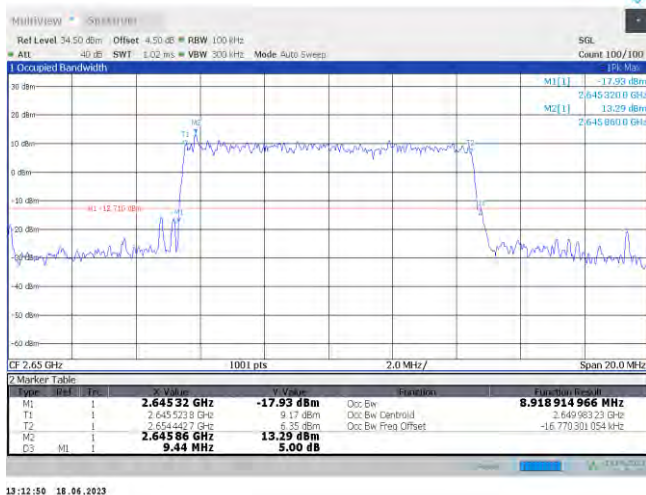
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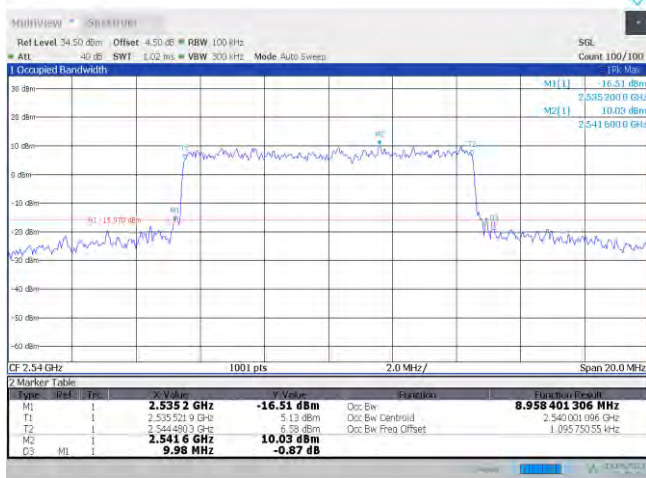
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Band41-10MHz-16QAM-41190-50RB#0



13:12:50 18.06.2023

Band41-10MHz-64QAM-40090-50RB#0



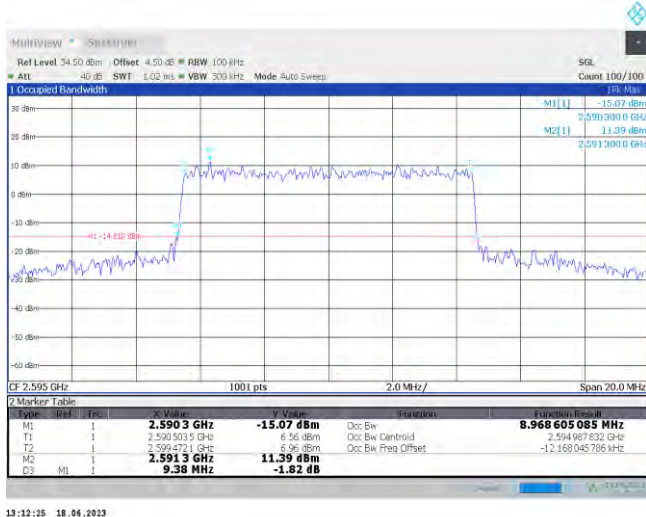
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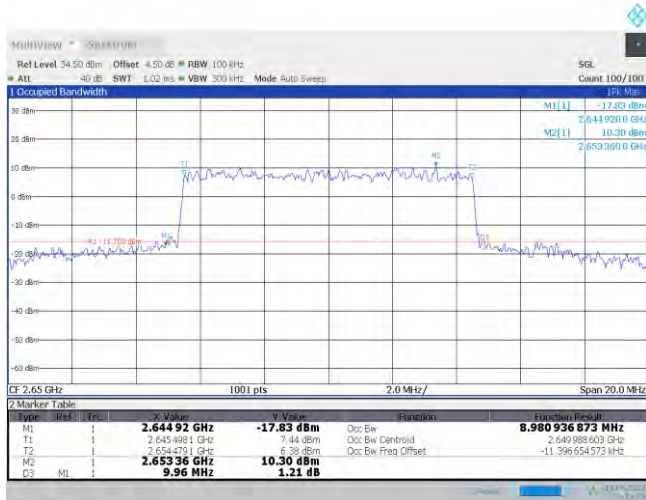
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Band41-10MHz-64QAM-40640-50RB#0



13:12:25 18.06.2023

Band41-10MHz-64QAM-41190-50RB#0



13:13:03 18.06.2023

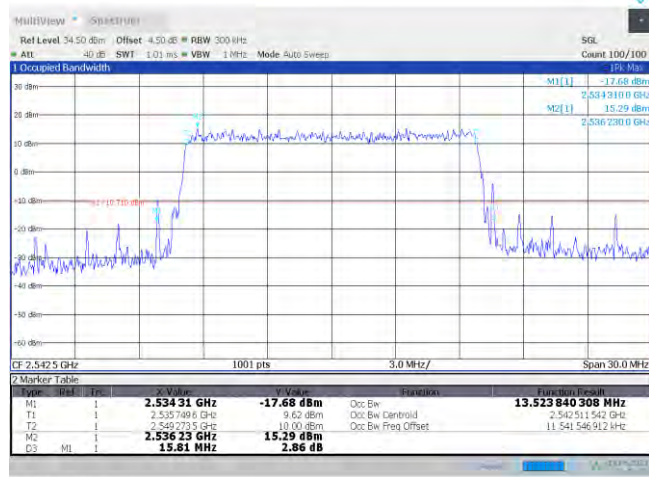


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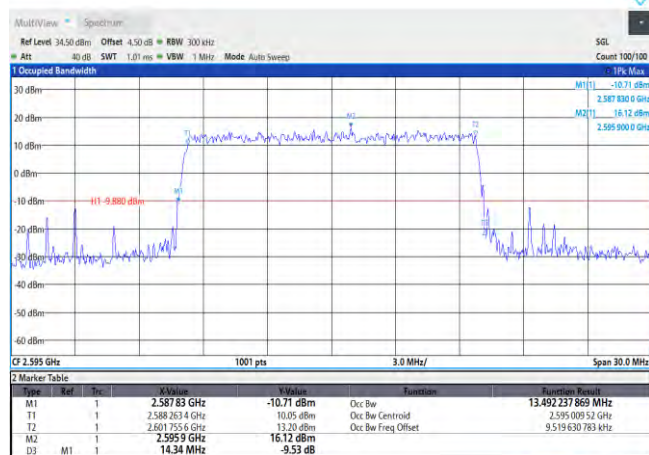
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Band41-15MHz-QPSK-40115-75RB#0



13:13:38 18.06.2023

Band41-15MHz-QPSK-40640-75RB#0



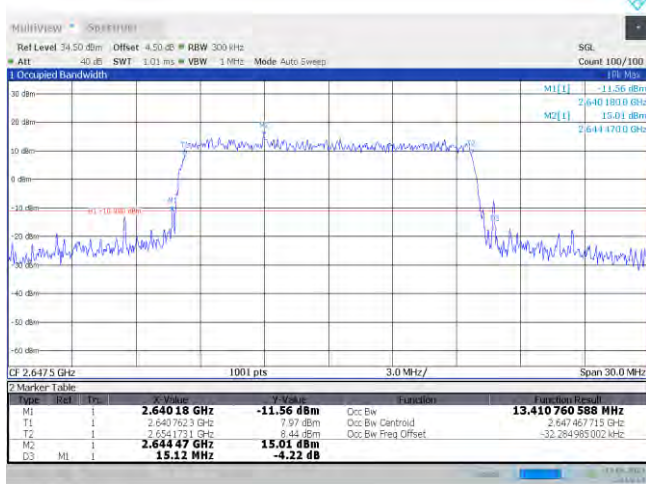
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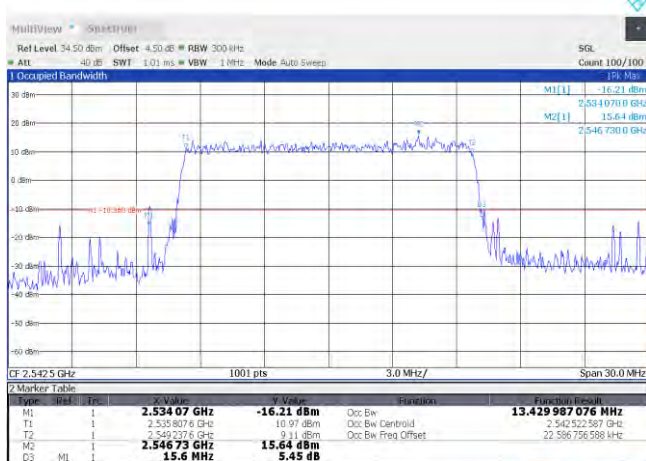
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Band41-15MHz-QPSK-41165-75RB#0



13:15:14 18.06.2023

Band41-15MHz-16QAM-40115-75RB#0



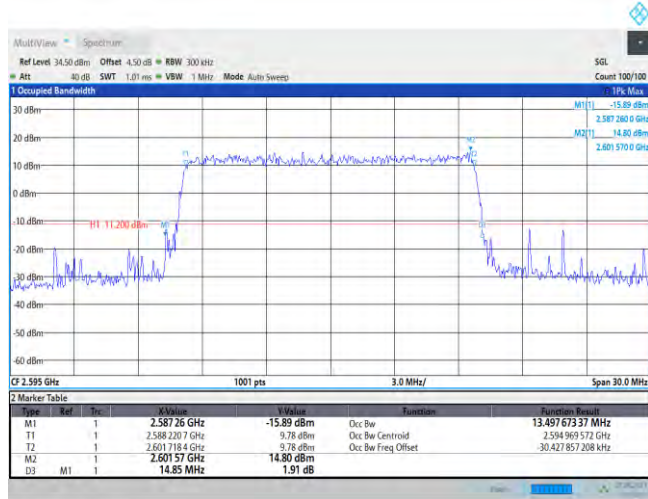
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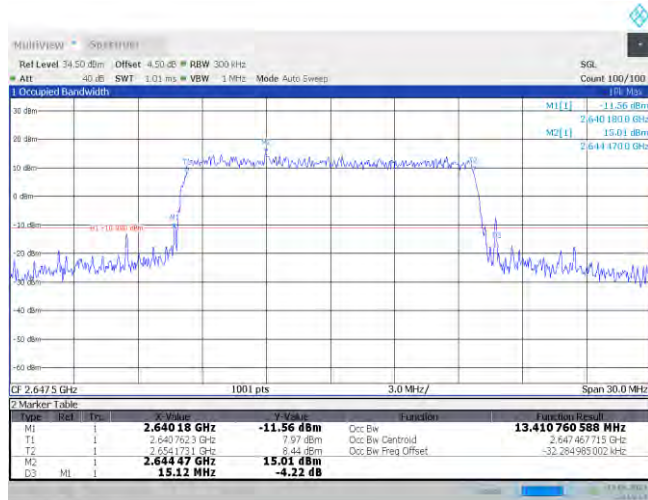
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Band41-15MHz-16QAM-40640-75RB#0



14:32:56 21.06.2023

Band41-15MHz-16QAM-41165-75RB#0



13:35:14 18.06.2023

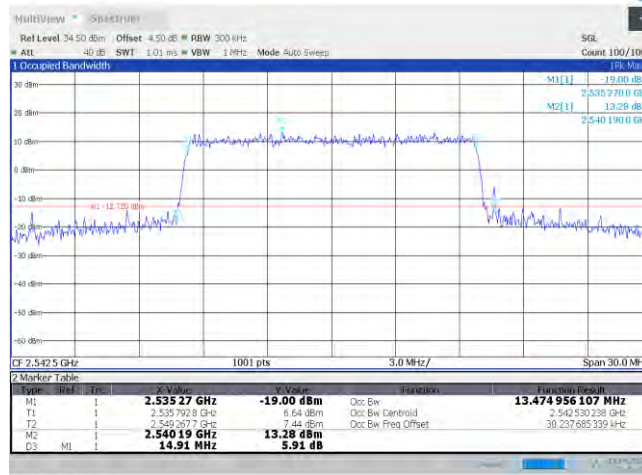


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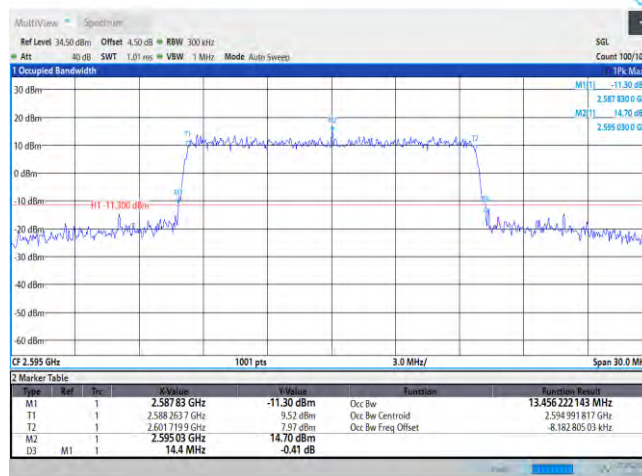
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Band41-15MHz-64QAM-40115-75RB#0



13:14:05 18.06.2023

Band41-15MHz-64QAM-40640-75RB#0



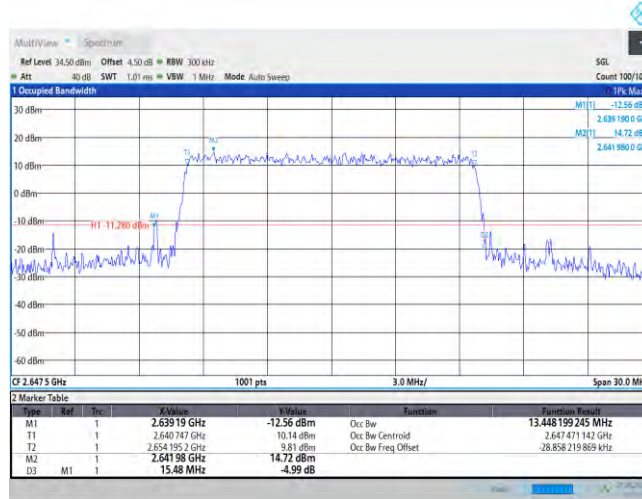
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Band41-15MHz-64QAM-41165-75RB#0



14:33:36 21.06.2023

Band41-20MHz-QPSK-40140-100RB#0



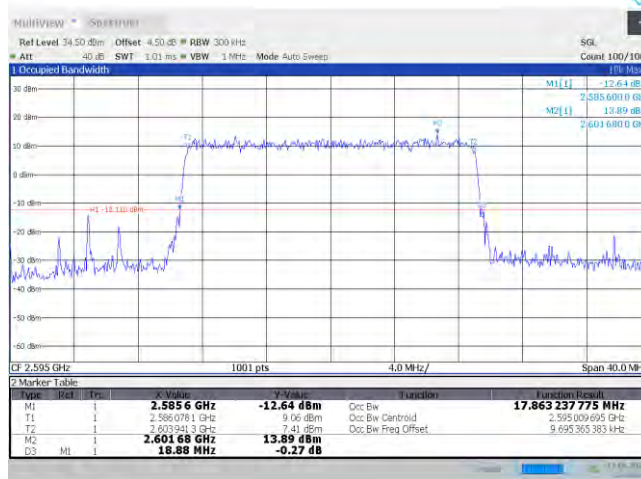
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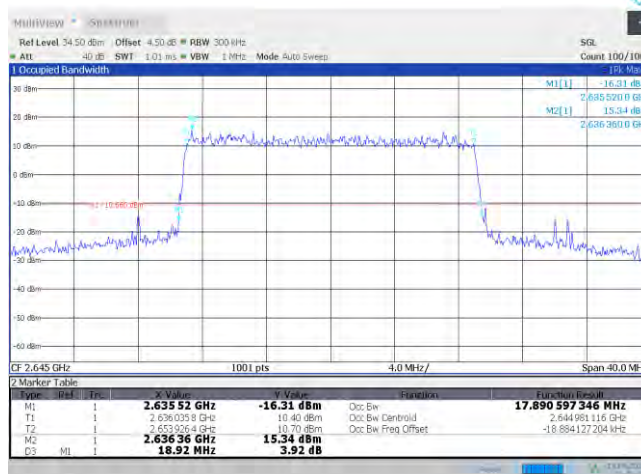
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Band41-20MHz-QPSK-40640-100RB#0



13:16:57 18.06.2023

Band41-20MHz-QPSK-41140-100RB#0



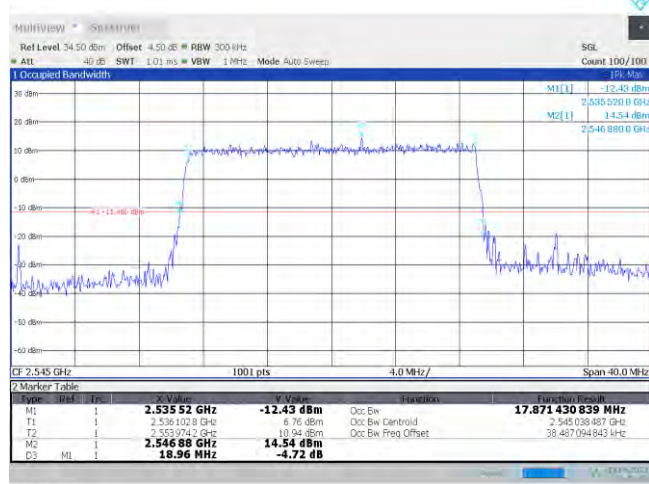
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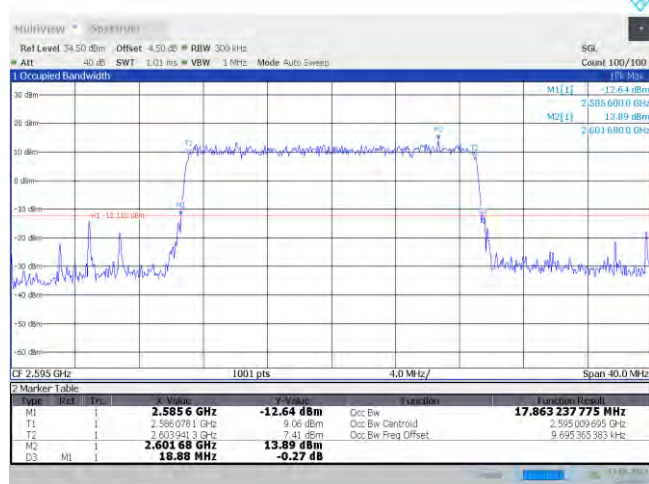
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Band41-20MHz-16QAM-40140-100RB#0



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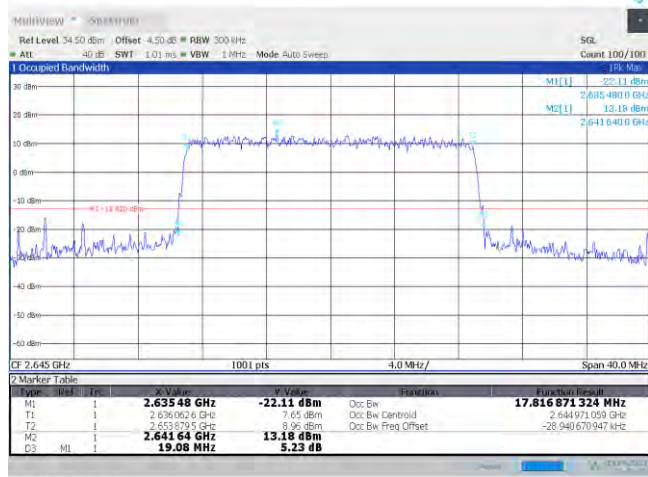
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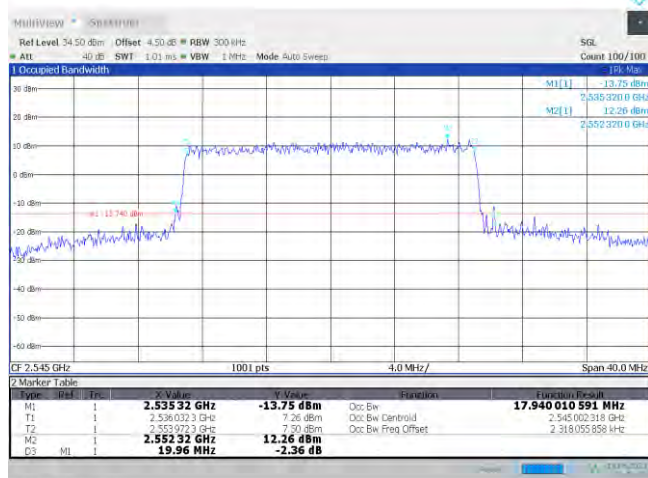
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Band41-20MHz-16QAM-41140-100RB#0



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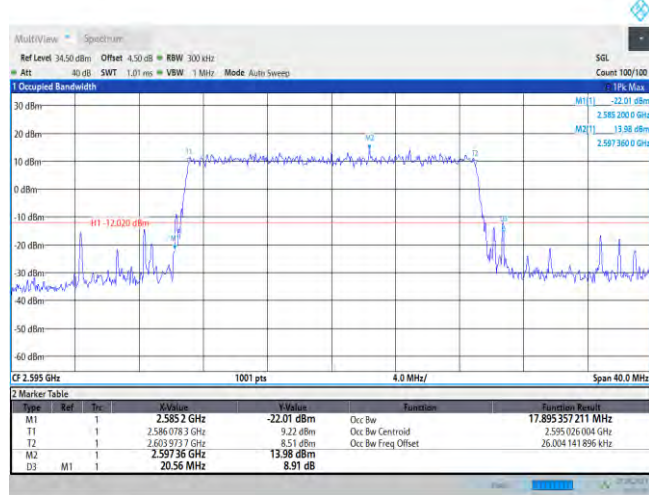
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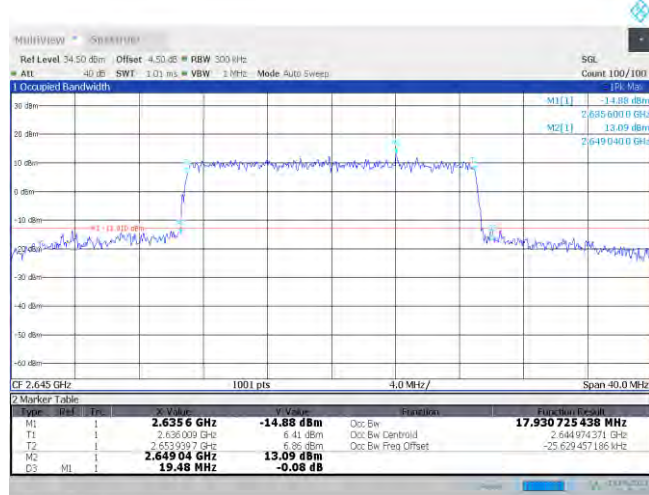
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Band41-20MHz-64QAM-40640-100RB#0



16:03:31 21.06.2023

Band41-20MHz-64QAM-41140-100RB#0



13:17:52 18.06.2023



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Band Edge

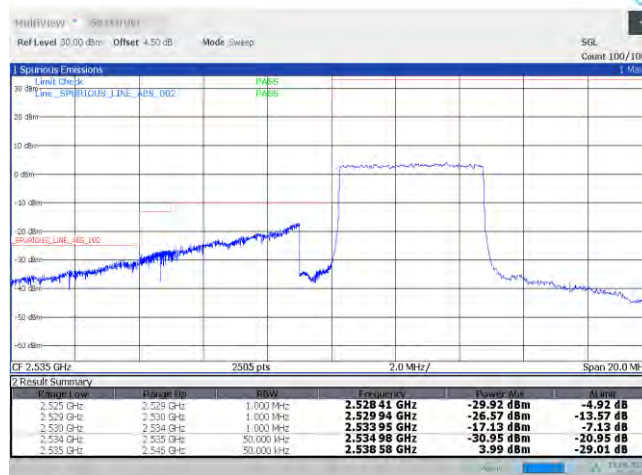
Test Graphs

Band41-5MHz-QPSK-40065-1RB#0



13:32:41 18.04.2023

Band41-5MHz-QPSK-40065-25RB#0



13:34:08 18.04.2023



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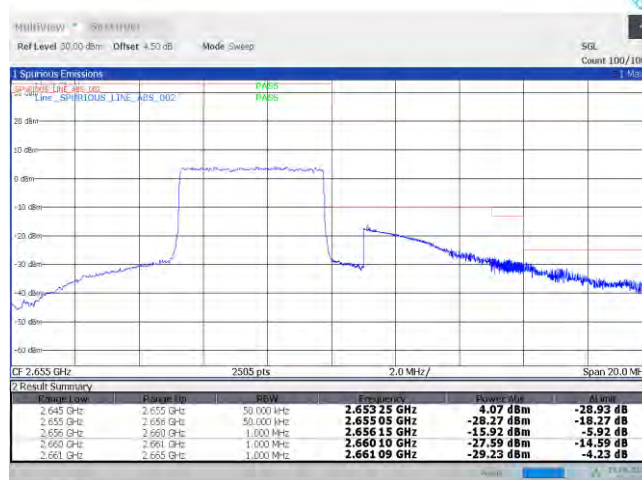
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Band41-5MHz-QPSK-41215-1RB#24



13:39:58 18.06.2023

Band41-5MHz-QPSK-41215-25RB#0



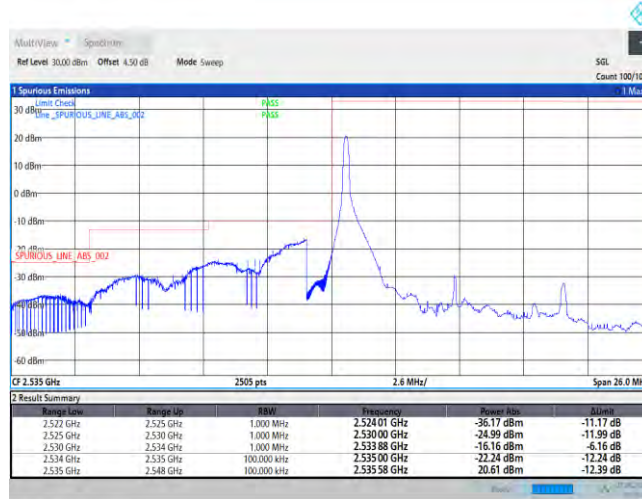
13:43:25 18.06.2023



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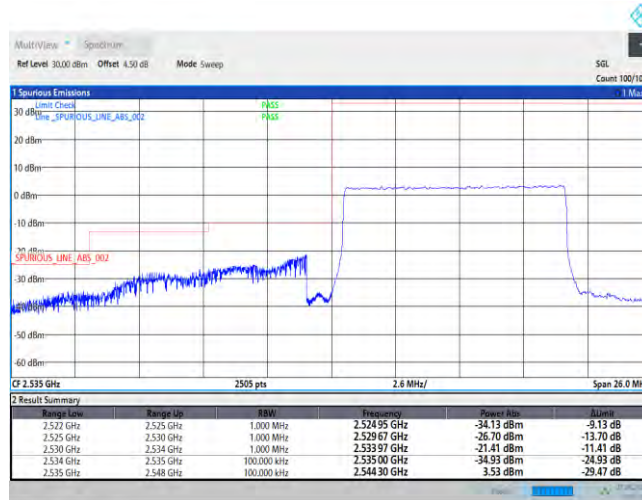
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Band41-10MHz-QPSK-40090-1RB#0



16:38:24 21.06.2023

Band41-10MHz-QPSK-40090-50RB#0



16:41:50 21.06.2023



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Band41-10MHz-QPSK-41190-1RB#49



13:54:44 18.06.2023

Band41-10MHz-QPSK-41190-50RB#0



13:58:10 18.06.2023



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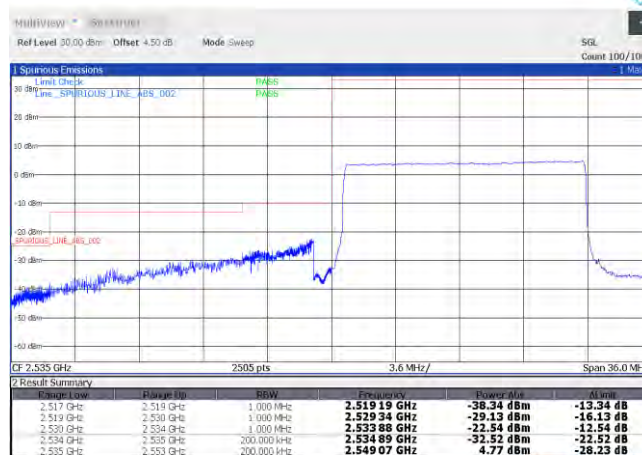
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Band41-15MHz-QPSK-40115-1RB#0



14:02:01 18.06.2023

Band41-15MHz-QPSK-40115-75RB#0



14:05:28 18.06.2023

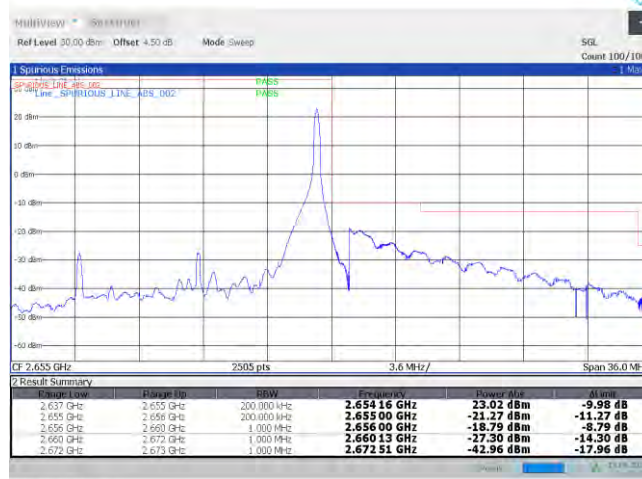


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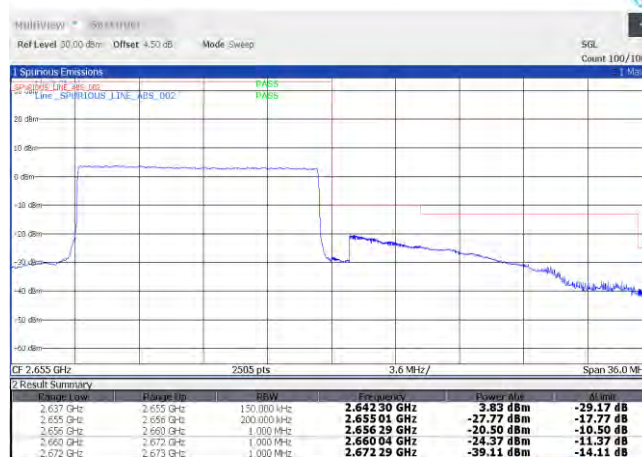
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Band41-15MHz-QPSK-41165-1RB#74



14:09:19 18.06.2023

Band41-15MHz-QPSK-41165-75RB#0



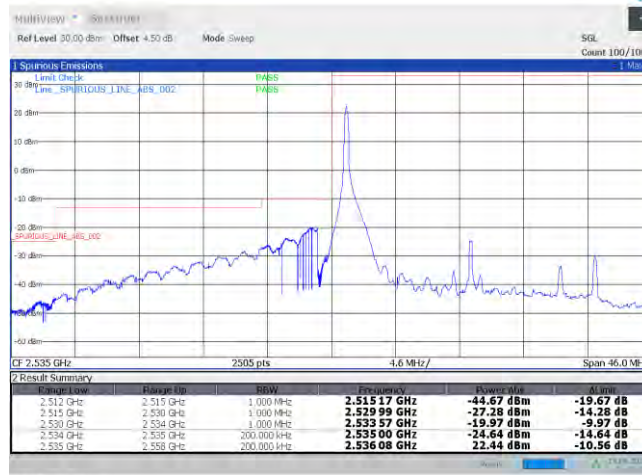
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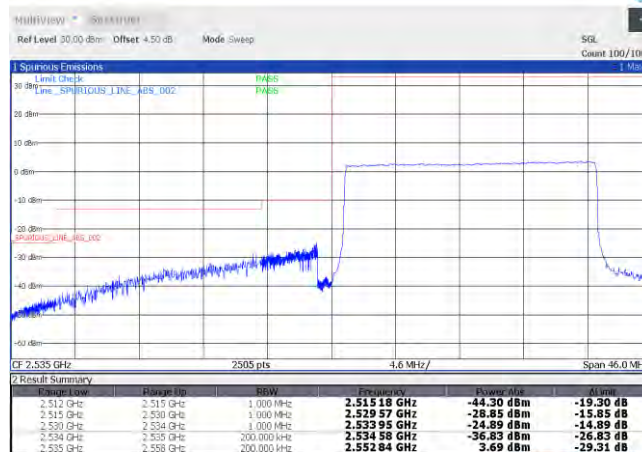
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Band41-20MHz-QPSK-40140-1RB#0



14:16:36 18.06.2023

Band41-20MHz-QPSK-40140-100RB#0



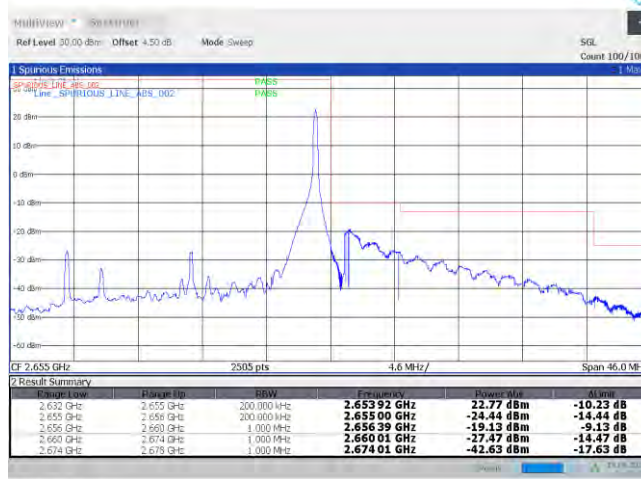
14:20:04 18.06.2023



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Band41-20MHz-QPSK-41140-1RB#99



14:23:57 18.06.2023

Band41-20MHz-QPSK-41140-100RB#0



14:27:24 18.06.2023



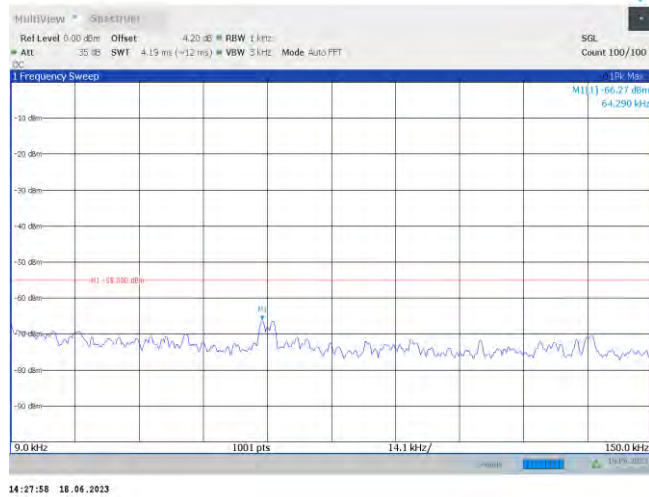
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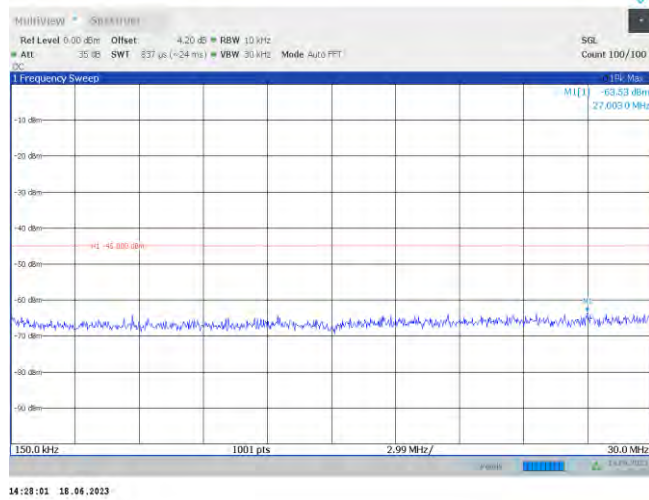
Conducted Spurious Emission

Test Graphs

Band41-20MHz-QPSK-40140-1RB#0-Range1:0.009~0.15MHz



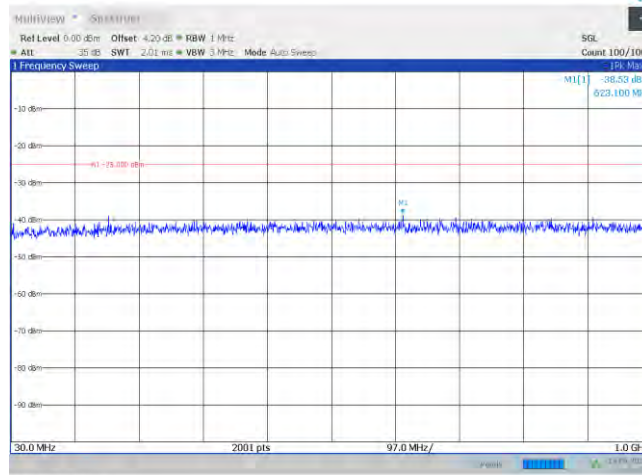
Band41-20MHz-QPSK-40140-1RB#0-Range2:0.15~30MHz



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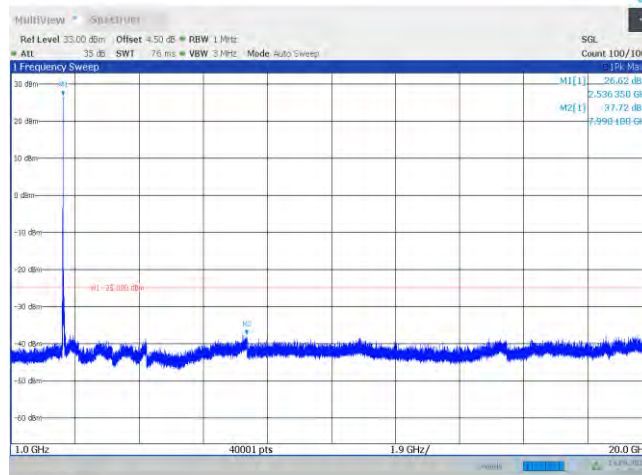
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Band41-20MHz-QPSK-40140-1RB#0-Range3:30~1000MHz



14:28:04 18.06.2023

Band41-20MHz-QPSK-40140-1RB#0-Range4:1000~20000MHz



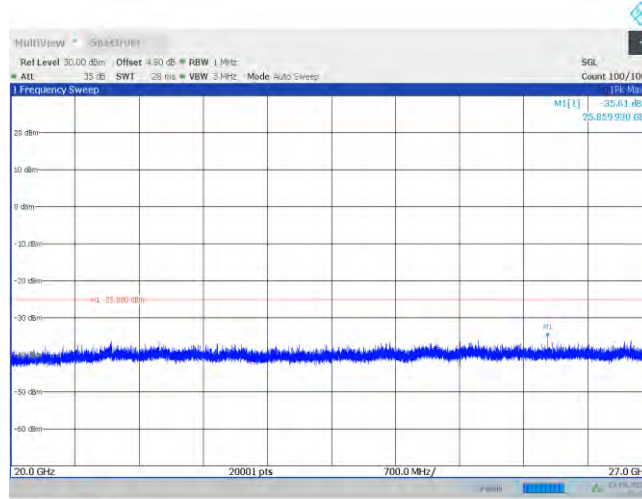
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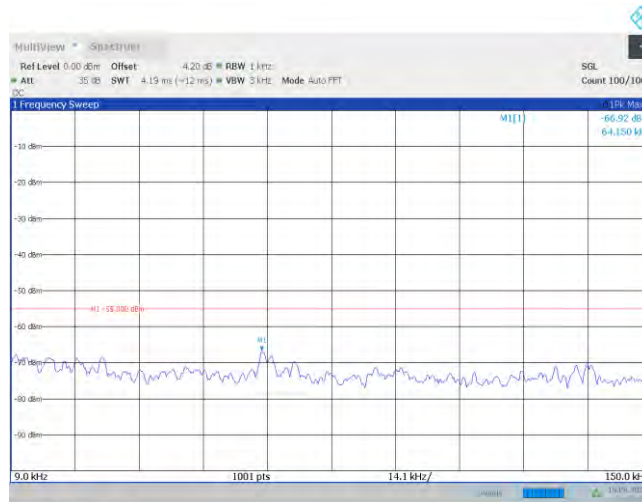
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Band41-20MHz-QPSK-40140-1RB#0-Range5:20000~27000MHz



14:28:33 18.06.2023

Band41-20MHz-QPSK-40640-1RB#0-Range1:0.009~0.15MHz



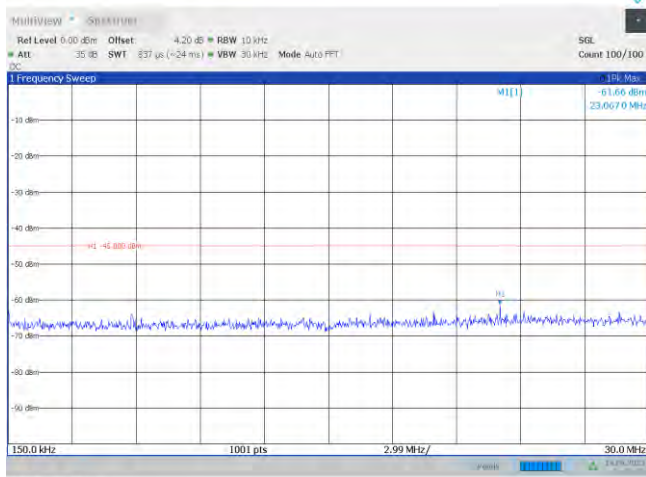
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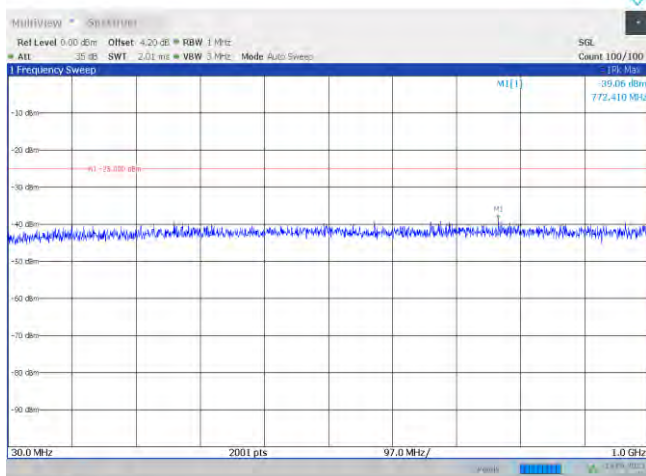
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Band41-20MHz-QPSK-40640-1RB#0-Range2:0.15~30MHz



14:29:37 18.06.2023

Band41-20MHz-QPSK-40640-1RB#0-Range3:30~1000MHz



14:29:41 18.06.2023

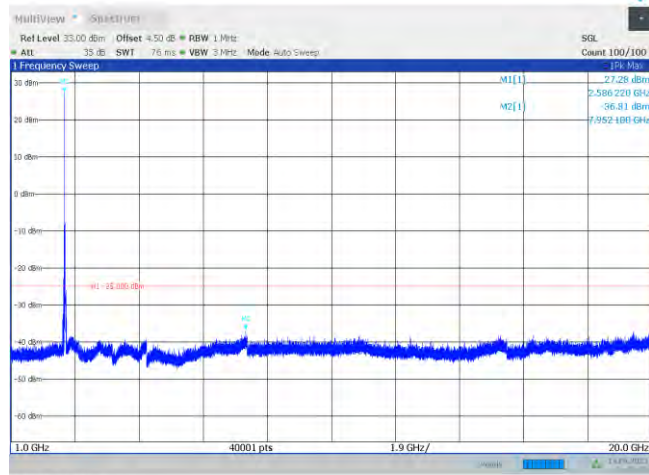


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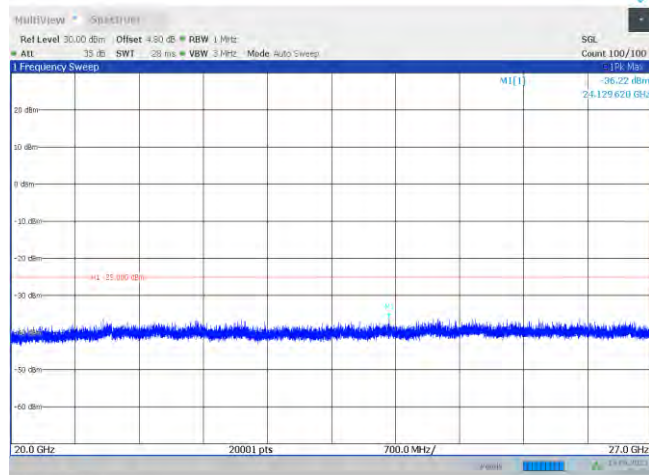
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Band41-20MHz-QPSK-40640-1RB#0-Range4:1000~20000MHz



14:29:58 18.06.2023

Band41-20MHz-QPSK-40640-1RB#0-Range5:20000~27000MHz



14:30:10 18.06.2023

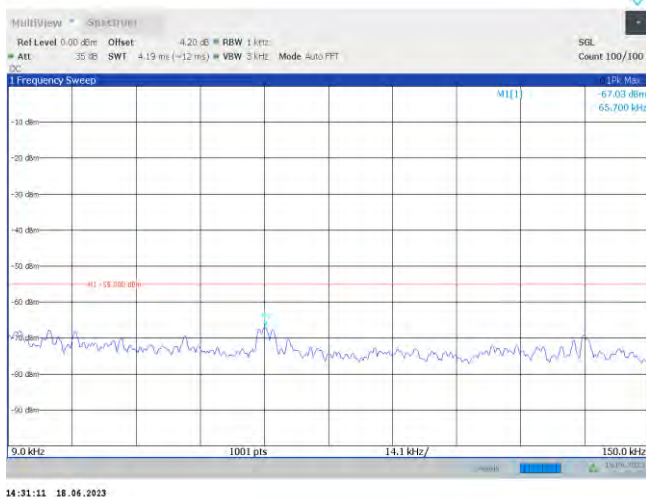


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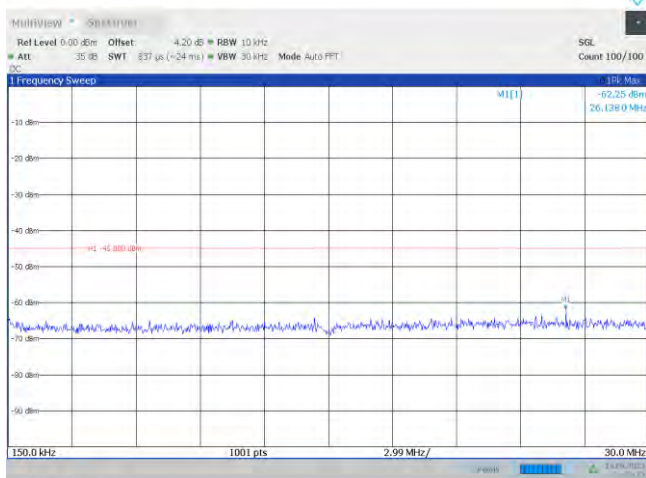
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Band41-20MHz-QPSK-41140-1RB#0-Range1:0.009~0.15MHz



14:31:11 18.06.2023

Band41-20MHz-QPSK-41140-1RB#0-Range2:0.15~30MHz



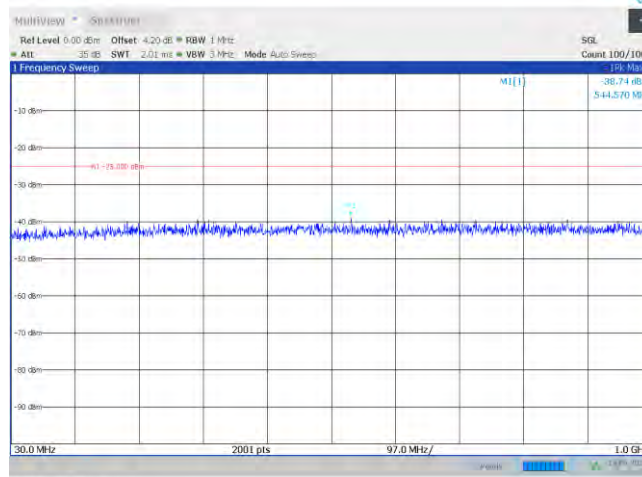
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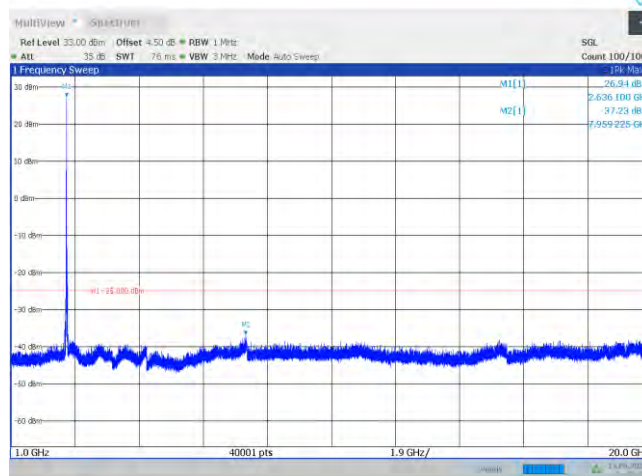
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Band41-20MHz-QPSK-41140-1RB#0-Range3:30~1000MHz



14:31:17 18.06.2023

Band41-20MHz-QPSK-41140-1RB#0-Range4:1000~20000MHz



14:31:35 18.06.2023

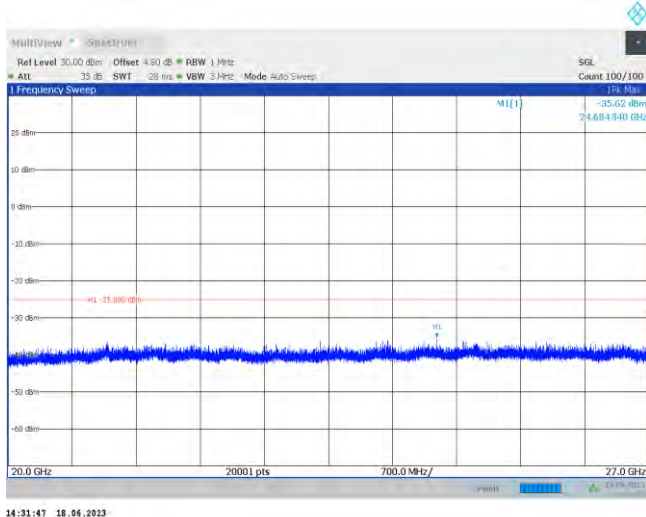


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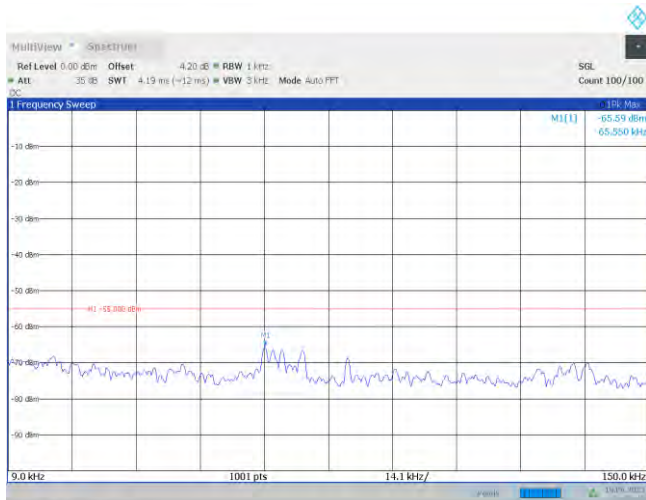
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Band41-20MHz-QPSK-41140-1RB#0-Range5:20000~27000MHz



14:31:47 18.06.2023

Band41-20MHz-16QAM-40140-1RB#0-Range1:0.009~0.15MHz

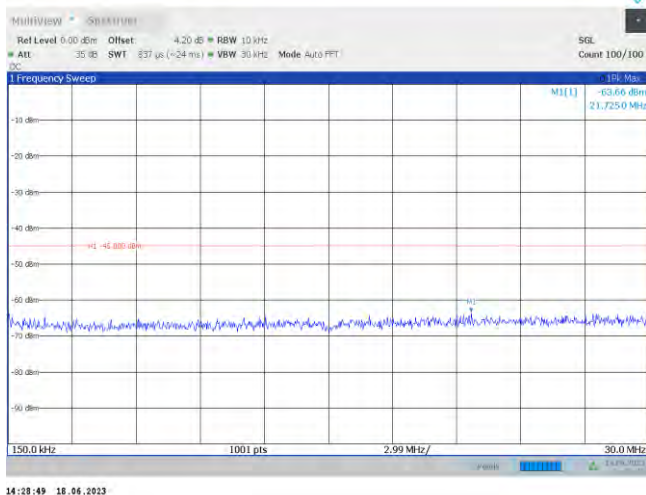


14:28:46 18.06.2023



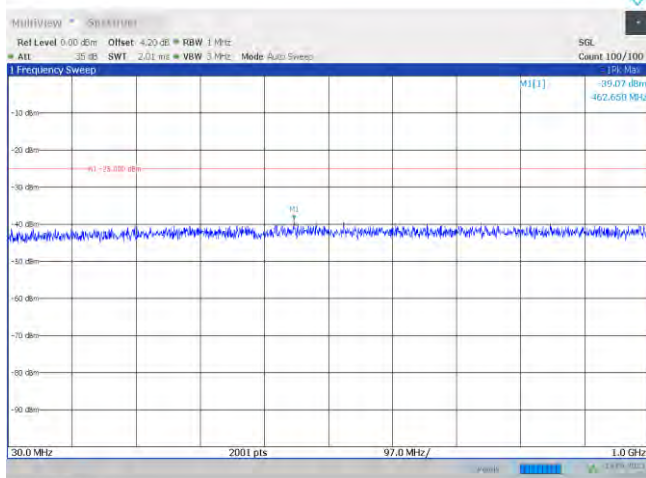
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Band41-20MHz-16QAM-40140-1RB#0-Range2:0.15~30MHz



14:28:49 18.06.2023

Band41-20MHz-16QAM-40140-1RB#0-Range3:30~1000MHz



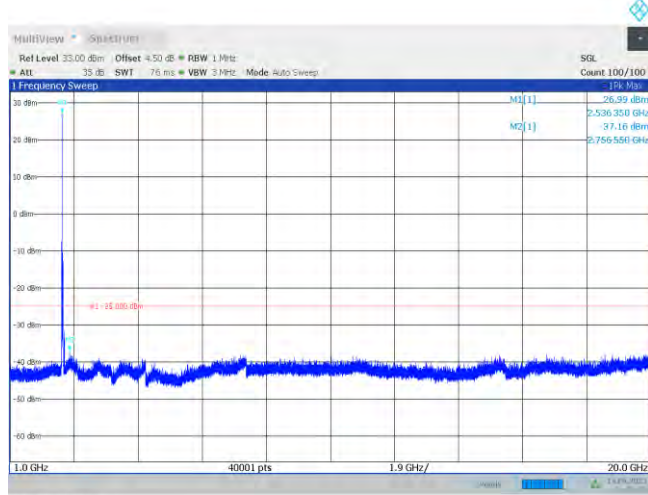
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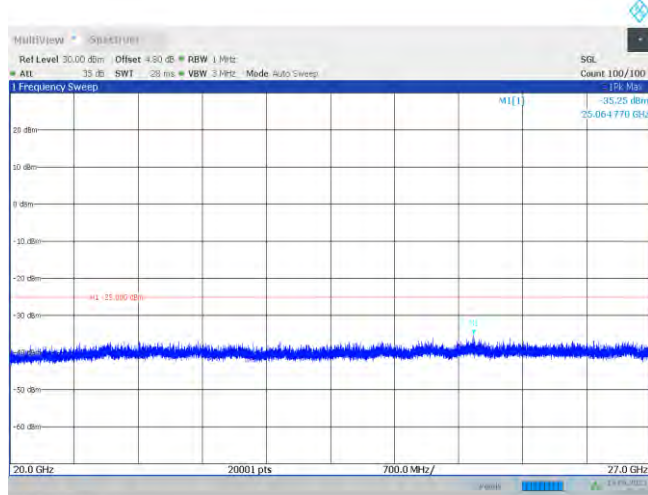
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Band41-20MHz-16QAM-40140-1RB#0-Range4:1000~20000MHz



14:29:10 18.06.2023

Band41-20MHz-16QAM-40140-1RB#0-Range5:20000~27000MHz



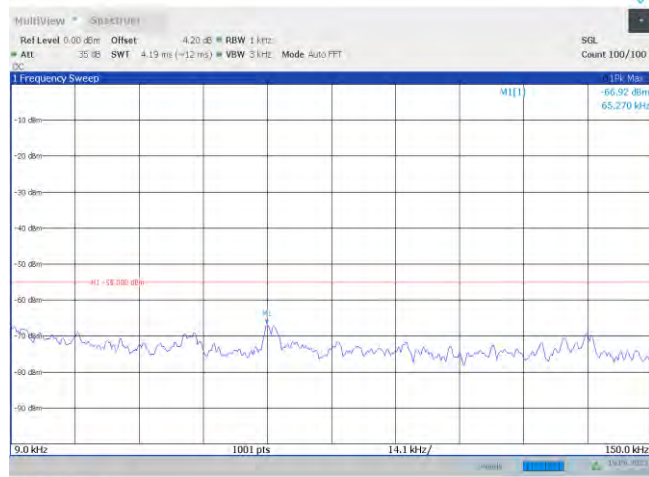
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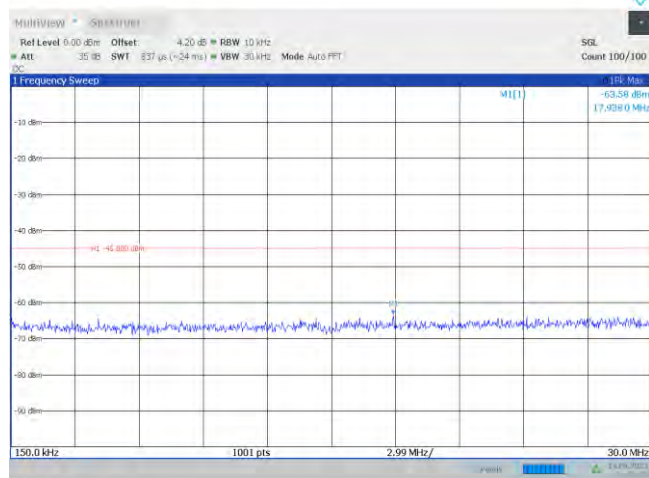
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Band41-20MHz-16QAM-40640-1RB#0-Range1:0.009~0.15MHz



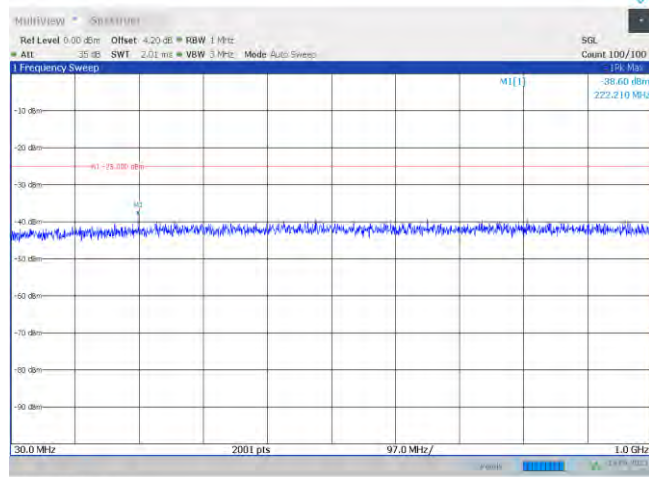
Band41-20MHz-16QAM-40640-1RB#0-Range2:0.15~30MHz



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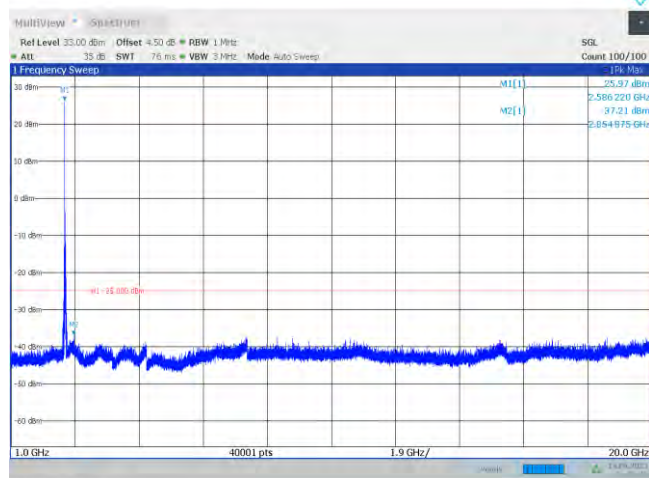
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Band41-20MHz-16QAM-40640-1RB#0-Range3:30~1000MHz



14:30:29 18.06.2023

Band41-20MHz-16QAM-40640-1RB#0-Range4:1000~20000MHz



14:30:47 18.06.2023

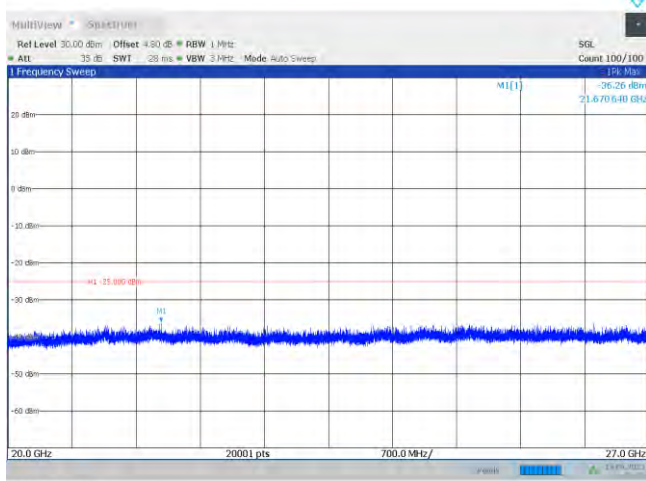


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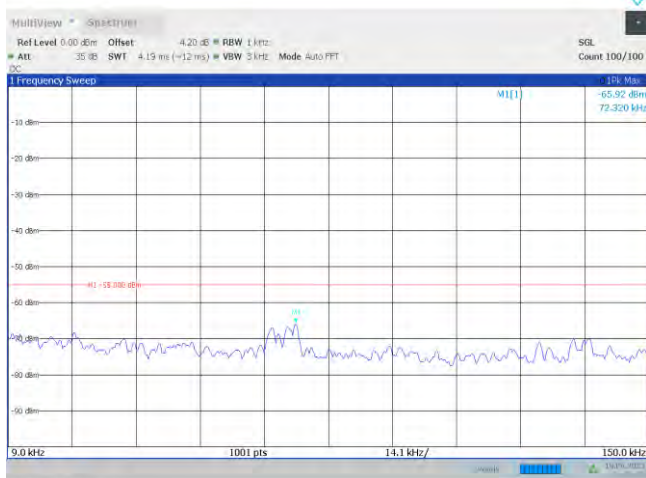
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Band41-20MHz-16QAM-40640-1RB#0-Range5:20000~27000MHz



14:30:58 18.06.2023

Band41-20MHz-16QAM-41140-1RB#0-Range1:0.009~0.15MHz

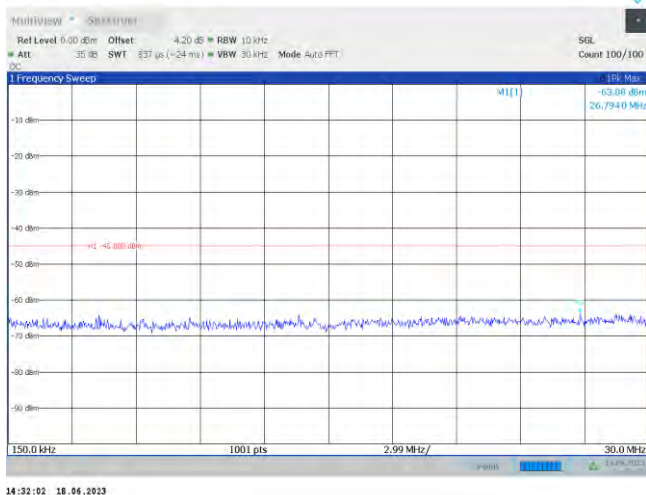


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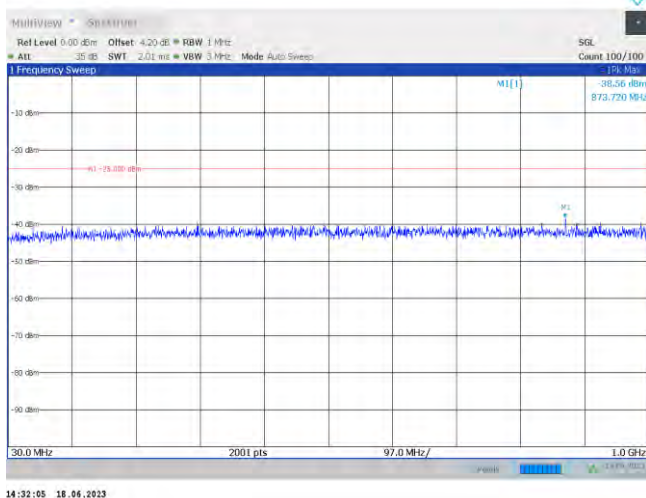


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Band41-20MHz-16QAM-41140-1RB#0-Range2:0.15~30MHz

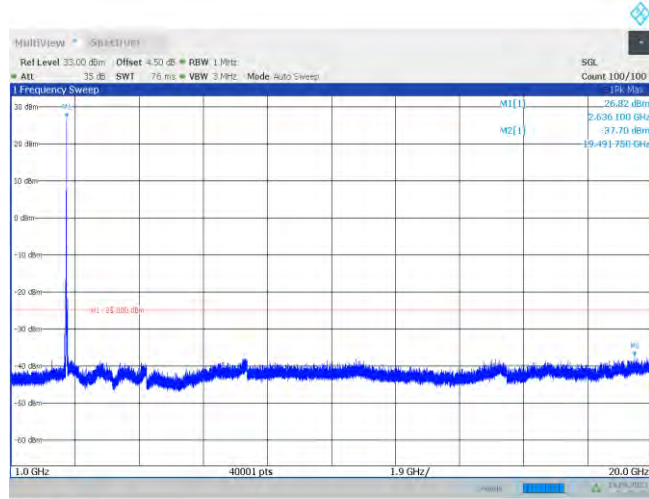


Band41-20MHz-16QAM-41140-1RB#0-Range3:30~1000MHz



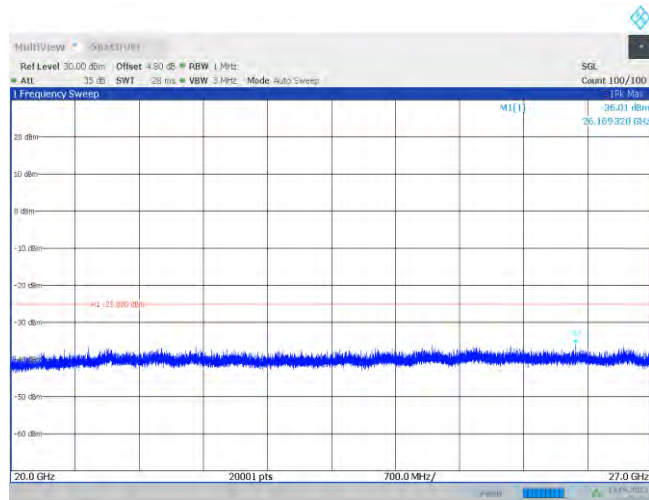
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Band41-20MHz-16QAM-41140-1RB#0-Range4:1000~20000MHz



14:32:23 18.06.2023

Band41-20MHz-16QAM-41140-1RB#0-Range5:20000~27000MHz



14:32:35 18.06.2023



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Field Strength of Spurious Radiation

Test Band = LTE Band41_20MHz_TM1

Test Channel = Low ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4838	42.72	-45.54	31.04	-67.03	-25.00	42.03	188	89	Horizontal
2	5556.5	43.15	-45.14	32.61	-64.64	-25.00	39.64	175	216	Horizontal
3	6688.5	42.29	-43.87	34.64	-62.20	-25.00	37.20	163	89	Horizontal
4	7799	40.54	-42.32	36.72	-60.32	-25.00	35.32	256	269	Horizontal
5	9643	37.62	-39.57	37.52	-59.69	-25.00	34.69	136	53	Horizontal
6	11218.5	34.76	-37.40	38.72	-59.17	-25.00	34.17	256	53	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4108	43.53	-45.76	29.36	-68.13	-25.00	43.13	175	359	Vertical
2	5832	42.70	-44.82	32.67	-64.71	-25.00	39.71	145	19	Vertical
3	6626.5	42.42	-44.21	34.53	-62.52	-25.00	37.52	126	326	Vertical
4	7687.5	41.27	-43.10	36.68	-60.41	-25.00	35.41	256	236	Vertical
5	9269	37.68	-40.23	36.81	-61.00	-25.00	36.00	155	127	Vertical
6	10694	34.58	-37.92	38.55	-60.05	-25.00	35.05	196	218	Vertical



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Test Band = LTE Band41_20MHz_TM1

Test Channel = Mid ANT0

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4452.5	43.52	-45.76	30.19	-67.32	-25.00	42.32	125	356	Horizontal
2	5189.5	42.60	-45.29	31.85	-66.09	-25.00	41.09	144	34	Horizontal
3	6278.5	41.61	-44.59	33.59	-64.65	-25.00	39.65	175	105	Horizontal
4	7389	41.31	-43.45	36.29	-61.11	-25.00	36.11	136	53	Horizontal
5	9271	37.82	-40.23	36.81	-60.85	-25.00	35.85	259	287	Horizontal
6	12348.5	32.67	-37.48	38.90	-61.17	-25.00	36.17	188	2	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4859.5	43.00	-45.53	31.09	-66.70	-25.00	41.70	166	236	Vertical
2	5557.5	42.71	-45.14	32.61	-65.08	-25.00	40.08	251	343	Vertical
3	6775	42.39	-44.08	34.80	-62.16	-25.00	37.16	148	325	Vertical
4	8412.5	40.15	-41.47	36.59	-59.99	-25.00	34.99	175	18	Vertical
5	11277.5	34.07	-37.41	38.73	-59.88	-25.00	34.88	133	145	Vertical
6	12893.5	32.57	-37.09	39.07	-60.71	-25.00	35.71	256	353	Vertical



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Test Band = LTE Band41_20MHz_TM1
Test Channel = High ANTO

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4569	43.37	-45.68	30.45	-67.12	-25.00	42.12	188	306	Horizontal
2	5514.5	42.93	-45.22	32.60	-64.94	-25.00	39.94	169	124	Horizontal
3	6743.5	41.84	-43.97	34.74	-62.65	-25.00	37.65	192	252	Horizontal
4	7793	40.44	-42.37	36.72	-60.47	-25.00	35.47	157	162	Horizontal
5	9356	37.54	-40.00	36.98	-60.75	-25.00	35.75	186	179	Horizontal
6	11216.5	34.71	-37.39	38.72	-59.22	-25.00	34.22	133	324	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5124	42.58	-45.35	31.70	-66.33	-25.00	41.33	148	270	Vertical
2	5857.5	42.20	-44.88	32.67	-65.27	-25.00	40.27	288	215	Vertical
3	8423.5	40.30	-41.49	36.59	-59.86	-25.00	34.86	175	35	Vertical
4	10008.5	36.38	-39.23	38.20	-59.91	-25.00	34.91	163	144	Vertical
5	12231.5	32.69	-37.46	38.87	-61.17	-25.00	36.17	259	35	Vertical
6	13703	33.78	-36.17	40.37	-57.28	-25.00	32.28	163	288	Vertical



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Test Band = LTE Band41_20MHz_TM1

Test Channel = Low ANT1

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.5	43.46	-45.53	31.12	-66.21	-25.00	41.21	185	7	Horizontal
2	6317.5	42.13	-44.52	33.72	-63.93	-25.00	38.93	142	0	Horizontal
3	7419	41.43	-43.36	36.37	-60.82	-25.00	35.82	163	107	Horizontal
4	8676	39.25	-41.60	36.46	-61.15	-25.00	36.15	256	52	Horizontal
5	10484	35.58	-38.83	38.44	-60.07	-25.00	35.07	199	177	Horizontal
6	12293	33.09	-37.42	38.89	-60.70	-25.00	35.70	182	159	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4591.5	43.60	-45.67	30.50	-66.83	-25.00	41.83	177	161	Vertical
2	5974.5	42.70	-44.87	32.69	-64.73	-25.00	39.73	158	234	Vertical
3	7141	41.54	-43.89	35.59	-62.01	-25.00	37.01	196	90	Vertical
4	7802	40.63	-42.32	36.72	-60.23	-25.00	35.23	155	251	Vertical
5	9139.5	37.95	-40.31	36.57	-61.06	-25.00	36.06	183	4	Vertical
6	10879.5	34.68	-37.97	38.64	-59.91	-25.00	34.91	261	161	Vertical



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Test Band = LTE Band41_20MHz_TM1

Test Channel = Mid ANT1

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4608	43.46	-45.66	30.54	-66.93	-25.00	41.93	188	142	Horizontal
2	5980	42.78	-44.86	32.70	-64.64	-25.00	39.64	175	71	Horizontal
3	7876.5	40.62	-42.70	36.75	-60.59	-25.00	35.59	169	124	Horizontal
4	9601	37.25	-39.67	37.44	-60.24	-25.00	35.24	136	324	Horizontal
5	11381.5	33.94	-37.38	38.74	-59.96	-25.00	34.96	259	288	Horizontal
6	13386	31.68	-36.39	39.79	-60.18	-25.00	35.18	155	54	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4292.5	42.72	-45.56	29.80	-68.30	-25.00	43.30	188	326	Vertical
2	5240.5	43.46	-45.20	31.98	-65.03	-25.00	40.03	179	360	Vertical
3	5979	42.89	-44.86	32.70	-64.53	-25.00	39.53	158	197	Vertical
4	6801	42.30	-44.17	34.84	-62.29	-25.00	37.29	146	359	Vertical
5	9205.5	37.88	-40.25	36.69	-60.94	-25.00	35.94	233	255	Vertical
6	10696.5	34.46	-37.90	38.55	-60.15	-25.00	35.15	261	326	Vertical



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Test Band = LTE Band41_20MHz_TM1
Test Channel = High ANT1

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4443	44.13	-45.77	30.16	-66.74	-25.00	41.74	175	7	Horizontal
2	5423	42.80	-45.29	32.42	-65.33	-25.00	40.33	148	325	Horizontal
3	6369.5	42.15	-44.45	33.88	-63.68	-25.00	38.68	186	270	Horizontal
4	7857.5	41.34	-42.60	36.74	-59.78	-25.00	34.78	259	2	Horizontal
5	9369.5	37.87	-39.95	37.00	-60.34	-25.00	35.34	186	270	Horizontal
6	11214.5	34.40	-37.39	38.72	-59.53	-25.00	34.53	136	71	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4576.5	43.73	-45.68	30.47	-66.74	-25.00	41.74	198	91	Vertical
2	6158	42.25	-44.63	33.21	-64.43	-25.00	39.43	175	91	Vertical
3	7653.5	41.12	-43.03	36.66	-60.51	-25.00	35.51	155	36	Vertical
4	9378	37.00	-39.92	37.02	-61.16	-25.00	36.16	168	182	Vertical
5	11096.5	34.30	-37.97	38.71	-60.22	-25.00	35.22	192	145	Vertical
6	13835.5	32.45	-36.06	40.60	-58.27	-25.00	33.27	148	328	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band41	20MHz	QPSK	40640	100RB#0	VL	NT	1.10	0.000424	PASS
Band41	20MHz	QPSK	40640	100RB#0	VN	NT	-14.90	-0.005742	PASS
Band41	20MHz	QPSK	40640	100RB#0	VH	NT	0.10	0.000039	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band41	20MHz	QPSK	40640	100RB#0	NV	-30	-6.80	-0.002620	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-20	-13.30	-0.005125	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-10	-13.60	-0.005241	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	0	4.10	0.001580	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	10	-12.00	-0.004624	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	20	-12.10	-0.004663	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	30	7.90	0.003044	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	40	-17.30	-0.006667	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	50	-14.00	-0.005395	PASS

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