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Appendix B.7

LTE Band 41



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	26.54	28.06	33	PASS
Band41	5MHz	QPSK	39675	1RB#12	26.50	28.02	33	PASS
Band41	5MHz	QPSK	39675	1RB#24	26.51	28.03	33	PASS
Band41	5MHz	QPSK	39675	50RB#0	26.44	27.96	33	PASS
Band41	5MHz	QPSK	40620	1RB#0	26.44	27.96	33	PASS
Band41	5MHz	QPSK	40620	1RB#12	26.44	27.96	33	PASS
Band41	5MHz	QPSK	40620	1RB#24	26.31	27.83	33	PASS
Band41	5MHz	QPSK	40620	50RB#0	26.10	27.62	33	PASS
Band41	5MHz	QPSK	41565	1RB#0	26.36	27.88	33	PASS
Band41	5MHz	QPSK	41565	1RB#12	25.20	26.72	33	PASS
Band41	5MHz	QPSK	41565	1RB#24	24.86	26.38	33	PASS
Band41	5MHz	QPSK	41565	50RB#0	24.99	26.51	33	PASS
Band41	5MHz	16QAM	39675	1RB#0	25.64	27.16	33	PASS
Band41	5MHz	16QAM	39675	1RB#12	25.63	27.15	33	PASS
Band41	5MHz	16QAM	39675	1RB#24	25.69	27.21	33	PASS
Band41	5MHz	16QAM	39675	50RB#0	25.61	27.13	33	PASS
Band41	5MHz	16QAM	40620	1RB#0	25.58	27.10	33	PASS
Band41	5MHz	16QAM	40620	1RB#12	25.56	27.08	33	PASS
Band41	5MHz	16QAM	40620	1RB#24	25.34	26.86	33	PASS
Band41	5MHz	16QAM	40620	50RB#0	25.41	26.93	33	PASS
Band41	5MHz	16QAM	41565	1RB#0	25.25	26.77	33	PASS
Band41	5MHz	16QAM	41565	1RB#12	24.33	25.85	33	PASS
Band41	5MHz	16QAM	41565	1RB#24	24.03	25.55	33	PASS
Band41	5MHz	16QAM	41565	50RB#0	24.41	25.93	33	PASS
Band41	5MHz	64QAM	39675	1RB#0	24.83	26.35	33	PASS
Band41	5MHz	64QAM	39675	1RB#12	24.86	26.38	33	PASS
Band41	5MHz	64QAM	39675	1RB#24	24.88	26.40	33	PASS
Band41	5MHz	64QAM	39675	50RB#0	24.85	26.37	33	PASS



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Band41	5MHz	64QAM	40620	1RB#0	24.80	26.32	33	PASS
Band41	5MHz	64QAM	40620	1RB#12	24.86	26.38	33	PASS
Band41	5MHz	64QAM	40620	1RB#24	24.68	26.20	33	PASS
Band41	5MHz	64QAM	40620	50RB#0	24.70	26.22	33	PASS
Band41	5MHz	64QAM	41565	1RB#0	24.27	25.79	33	PASS
Band41	5MHz	64QAM	41565	1RB#12	23.69	25.21	33	PASS
Band41	5MHz	64QAM	41565	1RB#24	23.38	24.90	33	PASS
Band41	5MHz	64QAM	41565	50RB#0	23.86	25.38	33	PASS
Band41	5MHz	256QAM	39675	1RB#0	21.65	23.17	33	PASS
Band41	5MHz	256QAM	39675	1RB#12	21.72	23.24	33	PASS
Band41	5MHz	256QAM	39675	1RB#24	21.69	23.21	33	PASS
Band41	5MHz	256QAM	39675	50RB#0	21.60	23.12	33	PASS
Band41	5MHz	256QAM	40620	1RB#0	21.40	22.92	33	PASS
Band41	5MHz	256QAM	40620	1RB#12	21.60	23.12	33	PASS
Band41	5MHz	256QAM	40620	1RB#24	21.57	23.09	33	PASS
Band41	5MHz	256QAM	40620	50RB#0	21.35	22.87	33	PASS
Band41	5MHz	256QAM	41565	1RB#0	21.57	23.09	33	PASS
Band41	5MHz	256QAM	41565	1RB#12	21.56	23.08	33	PASS
Band41	5MHz	256QAM	41565	1RB#24	21.41	22.93	33	PASS
Band41	5MHz	256QAM	41565	50RB#0	21.48	23.00	33	PASS
Band41	10MHz	QPSK	39700	1RB#0	26.44	27.96	33	PASS
Band41	10MHz	QPSK	39700	1RB#24	26.47	27.99	33	PASS
Band41	10MHz	QPSK	39700	1RB#49	26.40	27.92	33	PASS
Band41	10MHz	QPSK	39700	50RB#0	25.52	27.04	33	PASS
Band41	10MHz	QPSK	40620	1RB#0	26.52	28.04	33	PASS
Band41	10MHz	QPSK	40620	1RB#24	26.25	27.77	33	PASS
Band41	10MHz	QPSK	40620	1RB#49	26.24	27.76	33	PASS
Band41	10MHz	QPSK	40620	50RB#0	25.29	26.81	33	PASS
Band41	10MHz	QPSK	41540	1RB#0	26.36	27.88	33	PASS
Band41	10MHz	QPSK	41540	1RB#24	25.23	26.75	33	PASS
Band41	10MHz	QPSK	41540	1RB#49	24.68	26.20	33	PASS
Band41	10MHz	QPSK	41540	50RB#0	24.32	25.84	33	PASS
Band41	10MHz	16QAM	39700	1RB#0	25.59	27.11	33	PASS



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Band41	10MHz	16QAM	39700	1RB#24	25.61	27.13	33	PASS
Band41	10MHz	16QAM	39700	1RB#49	25.58	27.10	33	PASS
Band41	10MHz	16QAM	39700	50RB#0	24.48	26.00	33	PASS
Band41	10MHz	16QAM	40620	1RB#0	25.56	27.08	33	PASS
Band41	10MHz	16QAM	40620	1RB#24	25.45	26.97	33	PASS
Band41	10MHz	16QAM	40620	1RB#49	25.28	26.80	33	PASS
Band41	10MHz	16QAM	40620	50RB#0	24.25	25.77	33	PASS
Band41	10MHz	16QAM	41540	1RB#0	25.23	26.75	33	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.38	25.90	33	PASS
Band41	10MHz	16QAM	41540	1RB#49	23.87	25.39	33	PASS
Band41	10MHz	16QAM	41540	50RB#0	23.47	24.99	33	PASS
Band41	10MHz	64QAM	39700	1RB#0	24.80	26.32	33	PASS
Band41	10MHz	64QAM	39700	1RB#24	24.78	26.30	33	PASS
Band41	10MHz	64QAM	39700	1RB#49	24.74	26.26	33	PASS
Band41	10MHz	64QAM	39700	50RB#0	23.51	25.03	33	PASS
Band41	10MHz	64QAM	40620	1RB#0	24.75	26.27	33	PASS
Band41	10MHz	64QAM	40620	1RB#24	24.71	26.23	33	PASS
Band41	10MHz	64QAM	40620	1RB#49	24.62	26.14	33	PASS
Band41	10MHz	64QAM	40620	50RB#0	23.24	24.76	33	PASS
Band41	10MHz	64QAM	41540	1RB#0	24.53	26.05	33	PASS
Band41	10MHz	64QAM	41540	1RB#24	23.61	25.13	33	PASS
Band41	10MHz	64QAM	41540	1RB#49	23.26	24.78	33	PASS
Band41	10MHz	64QAM	41540	50RB#0	22.59	24.11	33	PASS
Band41	10MHz	256QAM	39700	1RB#0	21.65	23.17	33	PASS
Band41	10MHz	256QAM	39700	1RB#24	21.63	23.15	33	PASS
Band41	10MHz	256QAM	39700	1RB#49	21.52	23.04	33	PASS
Band41	10MHz	256QAM	39700	50RB#0	21.53	23.05	33	PASS
Band41	10MHz	256QAM	40620	1RB#0	21.35	22.87	33	PASS
Band41	10MHz	256QAM	40620	1RB#24	21.43	22.95	33	PASS
Band41	10MHz	256QAM	40620	1RB#49	21.27	22.79	33	PASS
Band41	10MHz	256QAM	40620	50RB#0	21.26	22.78	33	PASS
Band41	10MHz	256QAM	41540	1RB#0	21.33	22.85	33	PASS
Band41	10MHz	256QAM	41540	1RB#24	21.67	23.19	33	PASS



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Band41	10MHz	256QAM	41540	1RB#49	21.02	22.54	33	PASS
Band41	10MHz	256QAM	41540	50RB#0	21.39	22.91	33	PASS
Band41	15MHz	QPSK	39725	1RB#0	26.41	27.93	33	PASS
Band41	15MHz	QPSK	39725	1RB#38	26.41	27.93	33	PASS
Band41	15MHz	QPSK	39725	1RB#74	26.25	27.77	33	PASS
Band41	15MHz	QPSK	39725	75RB#0	25.34	26.86	33	PASS
Band41	15MHz	QPSK	40620	1RB#0	26.63	28.15	33	PASS
Band41	15MHz	QPSK	40620	1RB#38	26.20	27.72	33	PASS
Band41	15MHz	QPSK	40620	1RB#74	25.75	27.27	33	PASS
Band41	15MHz	QPSK	40620	75RB#0	25.14	26.66	33	PASS
Band41	15MHz	QPSK	41515	1RB#0	26.54	28.06	33	PASS
Band41	15MHz	QPSK	41515	1RB#38	25.30	26.82	33	PASS
Band41	15MHz	QPSK	41515	1RB#74	24.59	26.11	33	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.41	25.93	33	PASS
Band41	15MHz	16QAM	39725	1RB#0	25.30	26.82	33	PASS
Band41	15MHz	16QAM	39725	1RB#38	25.45	26.97	33	PASS
Band41	15MHz	16QAM	39725	1RB#74	25.34	26.86	33	PASS
Band41	15MHz	16QAM	39725	75RB#0	24.37	25.89	33	PASS
Band41	15MHz	16QAM	40620	1RB#0	25.27	26.79	33	PASS
Band41	15MHz	16QAM	40620	1RB#38	25.21	26.73	33	PASS
Band41	15MHz	16QAM	40620	1RB#74	24.98	26.50	33	PASS
Band41	15MHz	16QAM	40620	75RB#0	24.15	25.67	33	PASS
Band41	15MHz	16QAM	41515	1RB#0	25.09	26.61	33	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.47	25.99	33	PASS
Band41	15MHz	16QAM	41515	1RB#74	23.82	25.34	33	PASS
Band41	15MHz	16QAM	41515	75RB#0	23.55	25.07	33	PASS
Band41	15MHz	64QAM	39725	1RB#0	24.56	26.08	33	PASS
Band41	15MHz	64QAM	39725	1RB#38	24.65	26.17	33	PASS
Band41	15MHz	64QAM	39725	1RB#74	24.60	26.12	33	PASS
Band41	15MHz	64QAM	39725	75RB#0	23.40	24.92	33	PASS
Band41	15MHz	64QAM	40620	1RB#0	24.49	26.01	33	PASS
Band41	15MHz	64QAM	40620	1RB#38	24.50	26.02	33	PASS
Band41	15MHz	64QAM	40620	1RB#74	24.27	25.79	33	PASS



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Band41	15MHz	64QAM	41515	1RB#0	24.21	25.73	33	PASS
Band41	15MHz	64QAM	41515	1RB#38	23.81	25.33	33	PASS
Band41	15MHz	64QAM	41515	1RB#74	23.13	24.65	33	PASS
Band41	15MHz	64QAM	41515	75RB#0	22.66	24.18	33	PASS
Band41	15MHz	256QAM	39725	1RB#0	21.35	22.87	33	PASS
Band41	15MHz	256QAM	39725	1RB#38	21.47	22.99	33	PASS
Band41	15MHz	256QAM	39725	1RB#74	21.39	22.91	33	PASS
Band41	15MHz	256QAM	39725	75RB#0	21.37	22.89	33	PASS
Band41	15MHz	256QAM	40620	1RB#0	21.27	22.79	33	PASS
Band41	15MHz	256QAM	40620	1RB#38	21.30	22.82	33	PASS
Band41	15MHz	256QAM	40620	1RB#74	21.21	22.73	33	PASS
Band41	15MHz	256QAM	40620	75RB#0	21.14	22.66	33	PASS
Band41	15MHz	256QAM	41515	1RB#0	21.20	22.72	33	PASS
Band41	15MHz	256QAM	41515	1RB#38	21.48	23.00	33	PASS
Band41	15MHz	256QAM	41515	1RB#74	21.13	22.65	33	PASS
Band41	15MHz	256QAM	41515	75RB#0	21.18	22.70	33	PASS
Band41	20MHz	QPSK	39750	1RB#0	26.32	27.84	33	PASS
Band41	20MHz	QPSK	39750	1RB#49	26.35	27.87	33	PASS
Band41	20MHz	QPSK	39750	1RB#99	26.33	27.85	33	PASS
Band41	20MHz	QPSK	39750	100RB#0	25.28	26.80	33	PASS
Band41	20MHz	QPSK	40620	1RB#0	26.33	27.85	33	PASS
Band41	20MHz	QPSK	40620	1RB#49	26.23	27.75	33	PASS
Band41	20MHz	QPSK	40620	1RB#99	25.68	27.20	33	PASS
Band41	20MHz	QPSK	40620	100RB#0	25.17	26.69	33	PASS
Band41	20MHz	QPSK	41490	1RB#0	26.63	28.15	33	PASS
Band41	20MHz	QPSK	41490	1RB#49	25.63	27.15	33	PASS
Band41	20MHz	QPSK	41490	1RB#99	24.63	26.15	33	PASS
Band41	20MHz	QPSK	41490	100RB#0	25.11	26.63	33	PASS
Band41	20MHz	16QAM	39750	1RB#0	25.37	26.89	33	PASS
Band41	20MHz	16QAM	39750	1RB#49	25.38	26.90	33	PASS
Band41	20MHz	16QAM	39750	1RB#99	25.40	26.92	33	PASS
Band41	20MHz	16QAM	39750	100RB#0	24.34	25.86	33	PASS



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Band41	20MHz	16QAM	40620	1RB#0	25.45	26.97	33	PASS
Band41	20MHz	16QAM	40620	1RB#49	25.15	26.67	33	PASS
Band41	20MHz	16QAM	40620	1RB#99	24.82	26.34	33	PASS
Band41	20MHz	16QAM	40620	100RB#0	24.16	25.68	33	PASS
Band41	20MHz	16QAM	41490	1RB#0	24.91	26.43	33	PASS
Band41	20MHz	16QAM	41490	1RB#49	24.76	26.28	33	PASS
Band41	20MHz	16QAM	41490	1RB#99	23.81	25.33	33	PASS
Band41	20MHz	16QAM	41490	100RB#0	24.19	25.71	33	PASS
Band41	20MHz	64QAM	39750	1RB#0	24.53	26.05	33	PASS
Band41	20MHz	64QAM	39750	1RB#49	24.66	26.18	33	PASS
Band41	20MHz	64QAM	39750	1RB#99	24.46	25.98	33	PASS
Band41	20MHz	64QAM	39750	100RB#0	23.28	24.80	33	PASS
Band41	20MHz	64QAM	40620	1RB#0	24.39	25.91	33	PASS
Band41	20MHz	64QAM	40620	1RB#49	24.33	25.85	33	PASS
Band41	20MHz	64QAM	40620	1RB#99	24.21	25.73	33	PASS
Band41	20MHz	64QAM	40620	100RB#0	23.18	24.70	33	PASS
Band41	20MHz	64QAM	41490	1RB#0	24.23	25.75	33	PASS
Band41	20MHz	64QAM	41490	1RB#49	24.06	25.58	33	PASS
Band41	20MHz	64QAM	41490	1RB#99	23.18	24.70	33	PASS
Band41	20MHz	64QAM	41490	100RB#0	23.17	24.69	33	PASS
Band41	20MHz	256QAM	39750	1RB#0	21.41	22.93	33	PASS
Band41	20MHz	256QAM	39750	1RB#49	21.51	23.03	33	PASS
Band41	20MHz	256QAM	39750	1RB#99	21.43	22.95	33	PASS
Band41	20MHz	256QAM	39750	100RB#0	21.32	22.84	33	PASS
Band41	20MHz	256QAM	40620	1RB#0	21.34	22.86	33	PASS
Band41	20MHz	256QAM	40620	1RB#49	21.46	22.98	33	PASS
Band41	20MHz	256QAM	40620	1RB#99	21.34	22.86	33	PASS
Band41	20MHz	256QAM	40620	100RB#0	21.15	22.67	33	PASS
Band41	20MHz	256QAM	41490	1RB#0	20.94	22.46	33	PASS
Band41	20MHz	256QAM	41490	1RB#49	21.55	23.07	33	PASS
Band41	20MHz	256QAM	41490	1RB#99	21.16	22.68	33	PASS
Band41	20MHz	256QAM	41490	100RB#0	21.20	22.72	33	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	39750	100RB#0	8.68	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.44	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.52	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.58	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.40	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.54	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	10.14	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	9.72	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	9.98	13	PASS
Band41	20MHz	256QAM	39750	100RB#0	10.30	13	PASS
Band41	20MHz	256QAM	40620	100RB#0	10.44	13	PASS
Band41	20MHz	256QAM	41490	100RB#0	10.50	13	PASS



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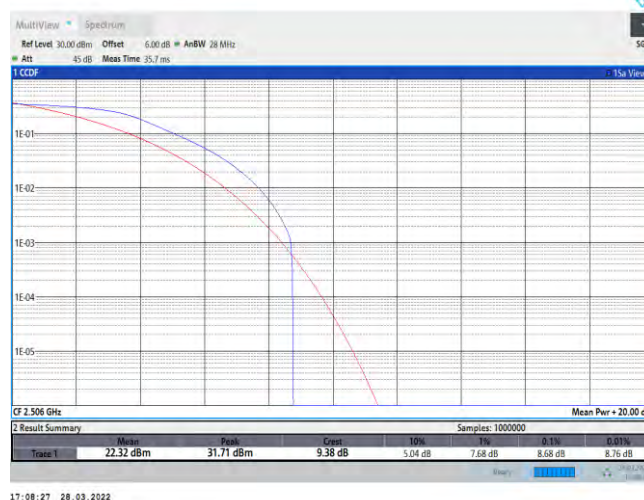
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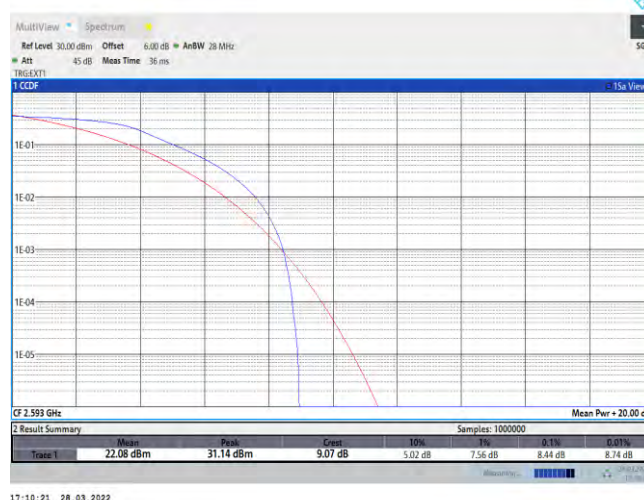
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Test Graphs

Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-40620-100RB#0



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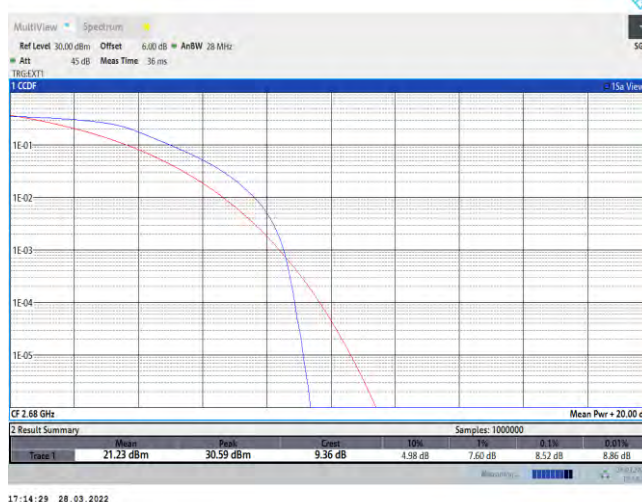
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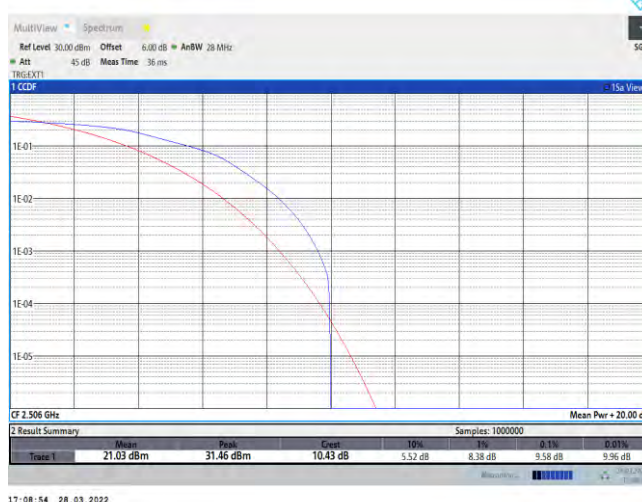
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Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-100RB#0



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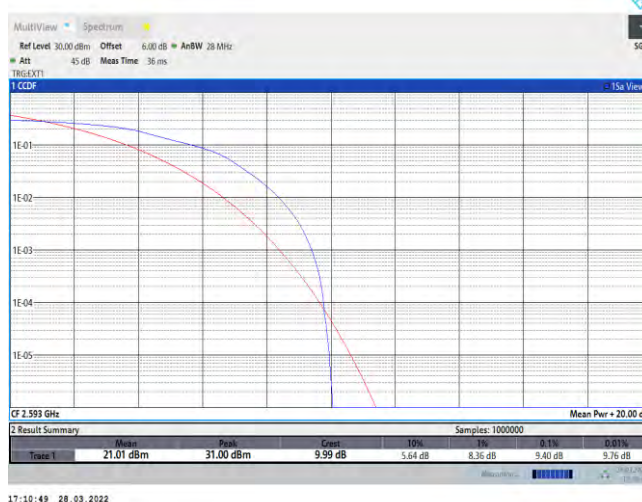
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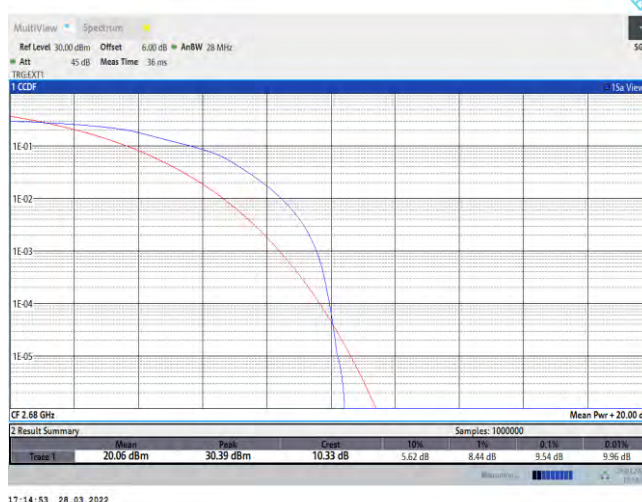
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Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-100RB#0



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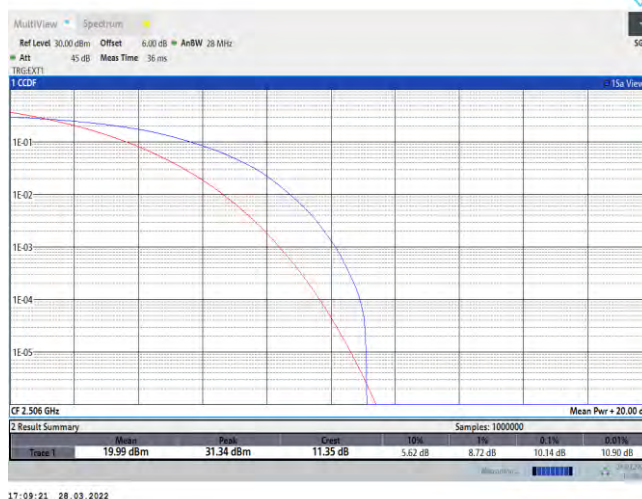
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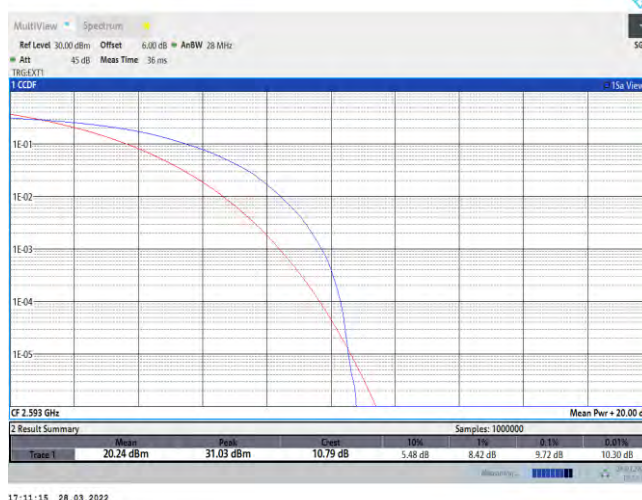
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Band41-20MHz-64QAM-39750-100RB#0



Band41-20MHz-64QAM-40620-100RB#0



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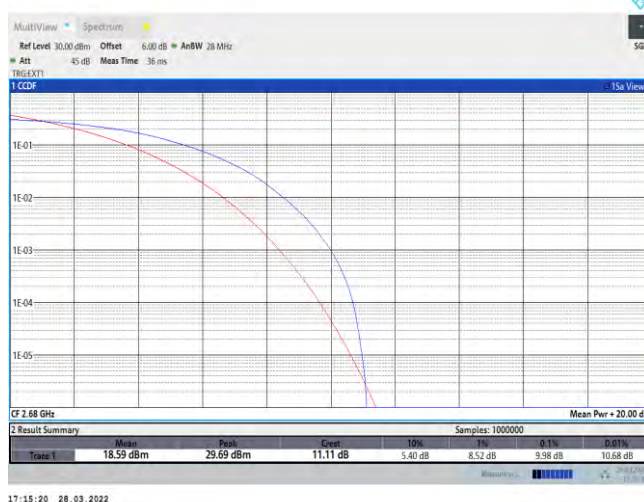
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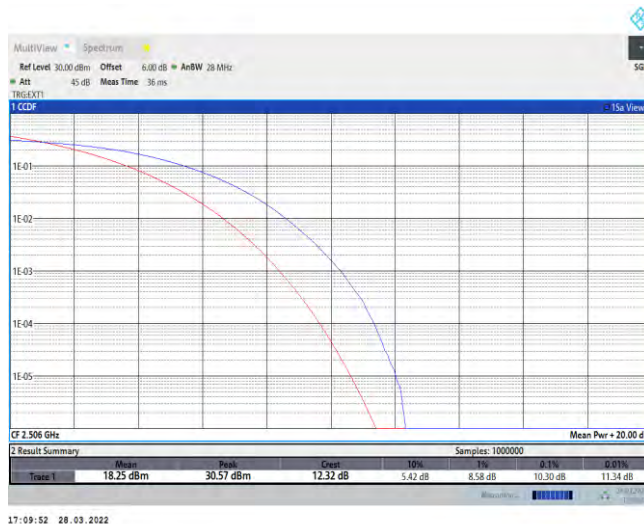
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Band41-20MHz-64QAM-41490-100RB#0



Band41-20MHz-256QAM-39750-100RB#0



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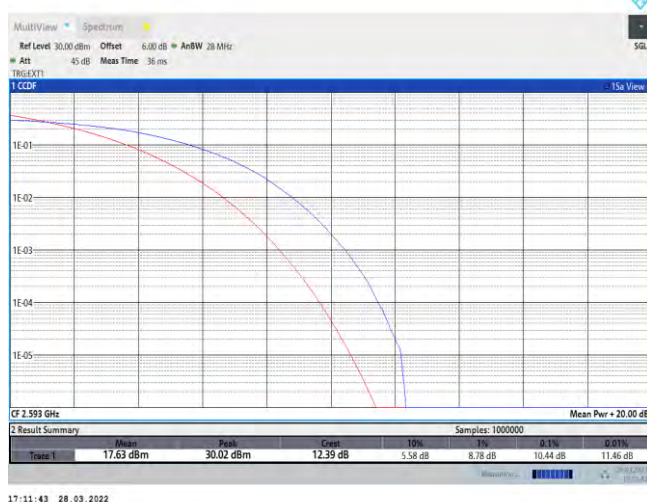
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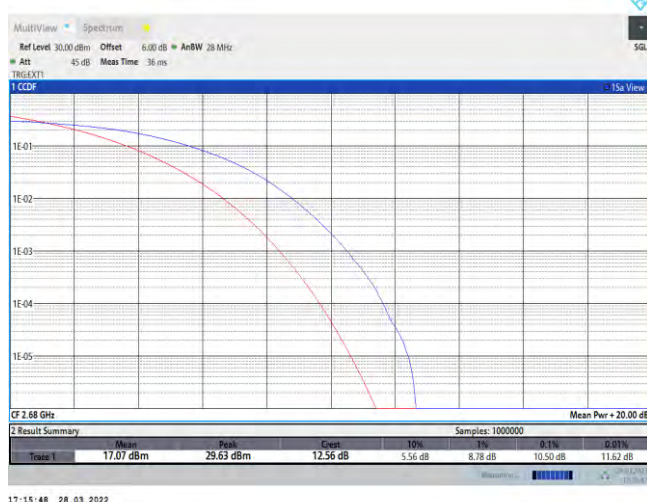
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Band41-20MHz-256QAM-40620-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band41	20MHz	QPSK	40620	100RB#0	PASS	PASS
Band41	20MHz	16QAM	40620	100RB#0	PASS	PASS
Band41	20MHz	64QAM	40620	100RB#0	PASS	PASS
Band41	20MHz	256QAM	40620	100RB#0	PASS	PASS



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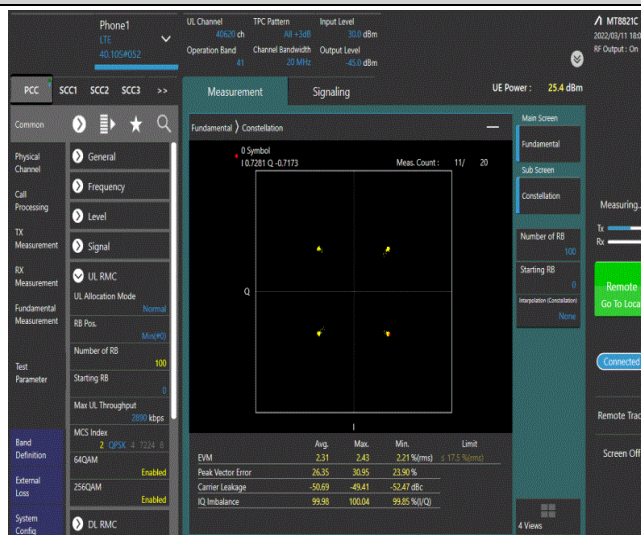
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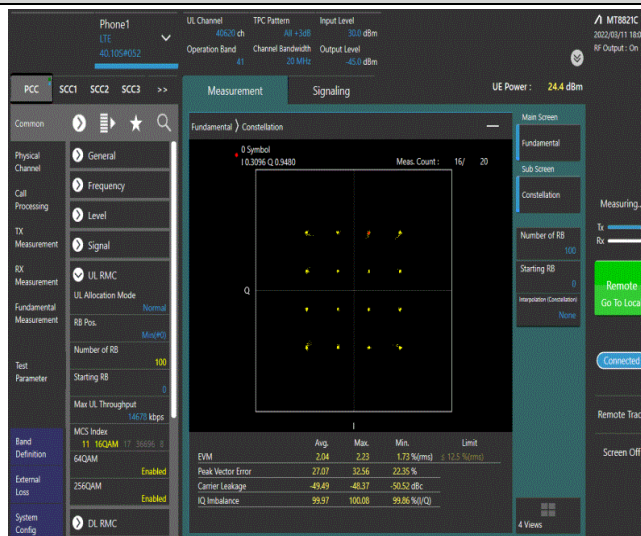
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Test Graphs

Band41-20MHz-QPSK-40620-100RB#0



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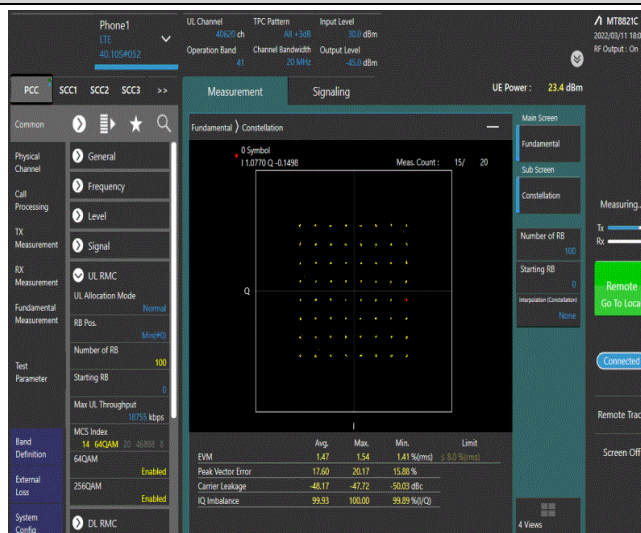
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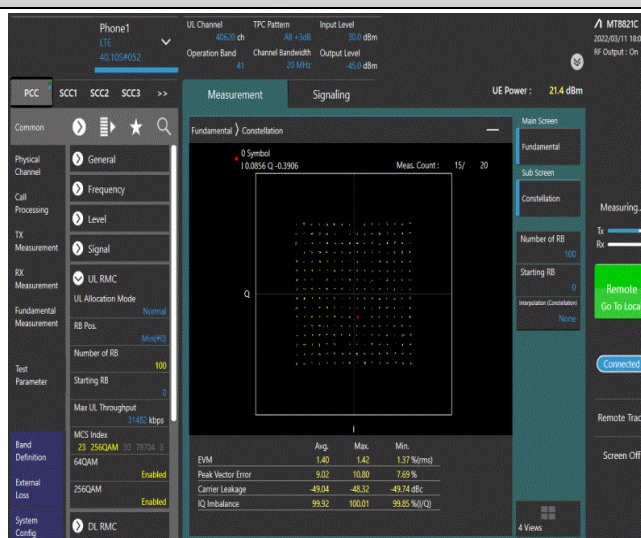
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Band41-20MHz-64QAM-40620-100RB#0



Band41-20MHz-256QAM-40620-100RB#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	39675	25RB#0	4.477	5.24	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.479	5.10	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.479	5.15	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.478	5.16	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.476	5.09	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.478	5.05	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.473	5.01	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.481	5.03	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.482	5.01	PASS
Band41	5MHz	256QAM	39675	25RB#0	4.481	5.16	PASS
Band41	5MHz	256QAM	40620	25RB#0	4.474	5.13	PASS
Band41	5MHz	256QAM	41565	25RB#0	4.48	5.15	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.968	10.06	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.94	9.88	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.944	9.82	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.926	9.92	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.943	9.98	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.962	9.84	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.942	9.82	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.939	9.88	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.936	10.10	PASS
Band41	10MHz	256QAM	39700	50RB#0	8.953	9.82	PASS
Band41	10MHz	256QAM	40620	50RB#0	8.952	9.84	PASS
Band41	10MHz	256QAM	41540	50RB#0	8.942	10.04	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.483	15.99	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.482	15.81	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.472	15.51	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.51	16.29	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.495	15.45	PASS



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Band41	15MHz	16QAM	41515	75RB#0	13.473	15.18	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.497	16.29	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.48	15.60	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.483	16.26	PASS
Band41	15MHz	256QAM	39725	75RB#0	13.486	17.76	PASS
Band41	15MHz	256QAM	40620	75RB#0	13.471	15.36	PASS
Band41	15MHz	256QAM	41515	75RB#0	13.488	16.11	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.89	19.84	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.949	20.84	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.917	20.40	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.93	19.72	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.961	19.72	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.911	20.24	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.912	20.68	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.921	20.28	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.894	20.08	PASS
Band41	20MHz	256QAM	39750	100RB#0	17.951	20.28	PASS
Band41	20MHz	256QAM	40620	100RB#0	17.93	20.64	PASS
Band41	20MHz	256QAM	41490	100RB#0	17.889	20.76	PASS



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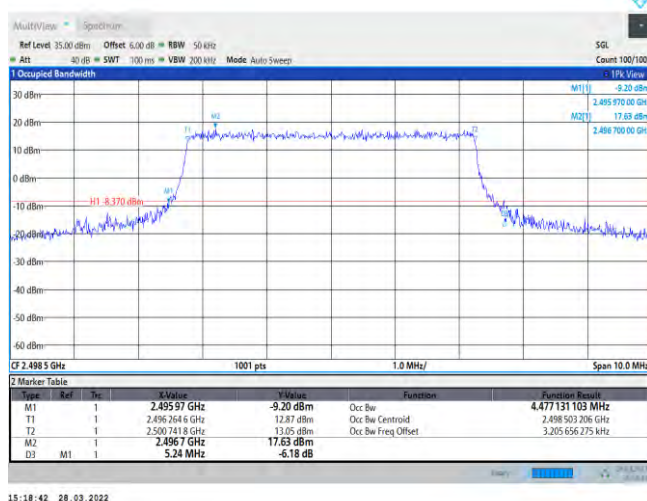
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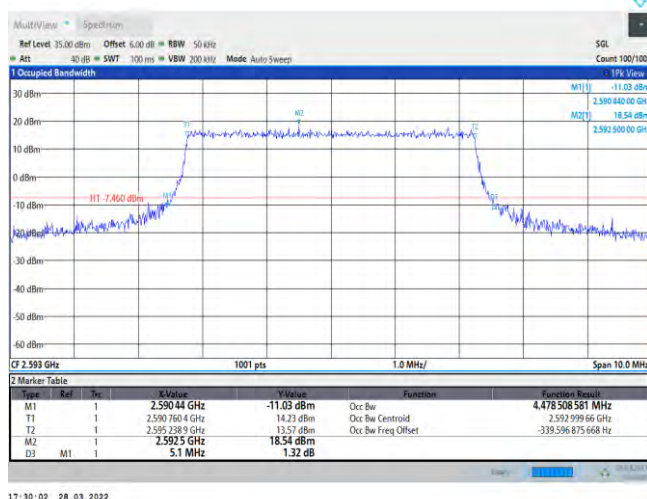
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Test Graphs

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Band41-5MHz-QPSK-40620-25RB#0



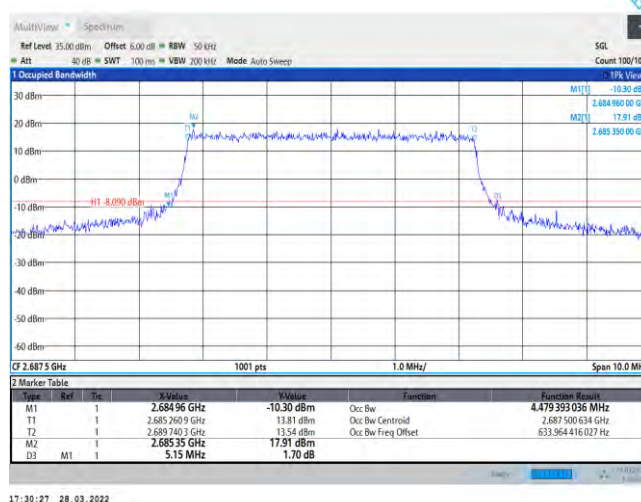
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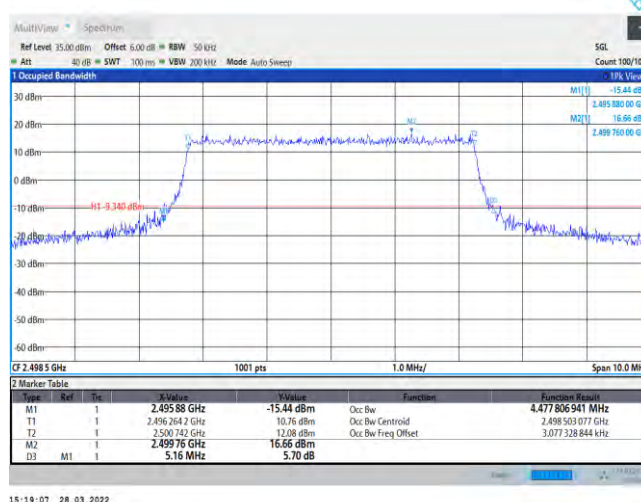
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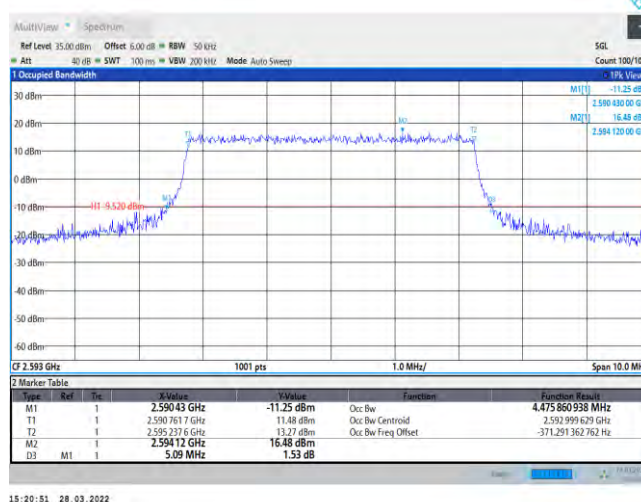
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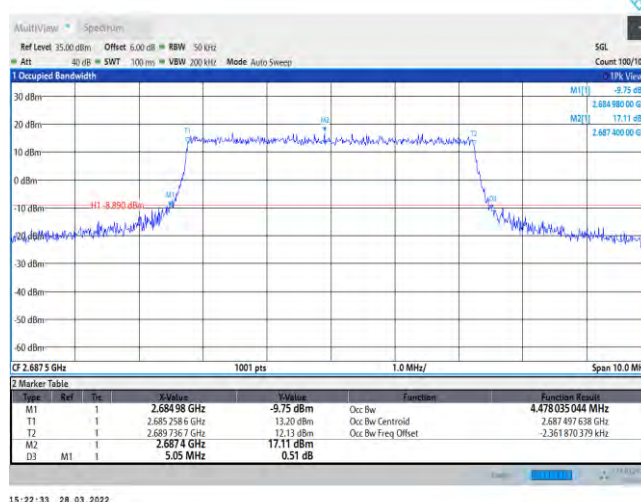
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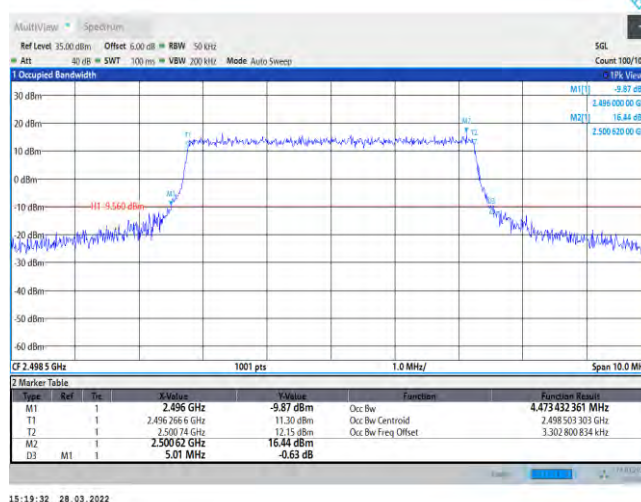
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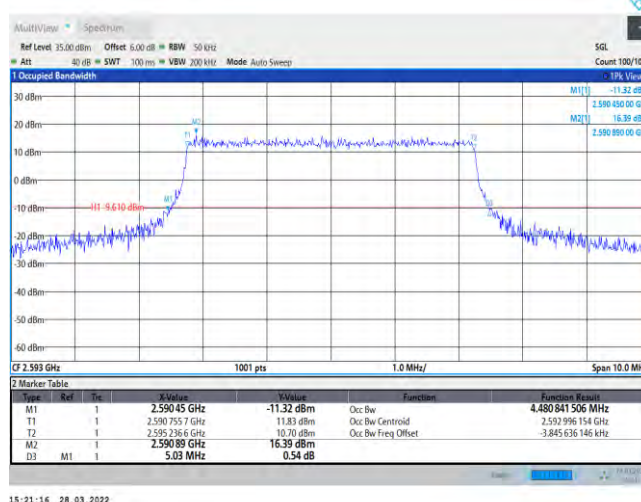
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Band41-5MHz-64QAM-40620-25RB#0



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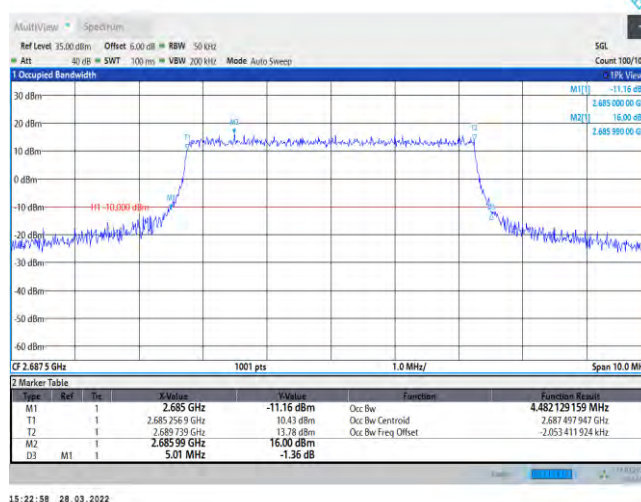
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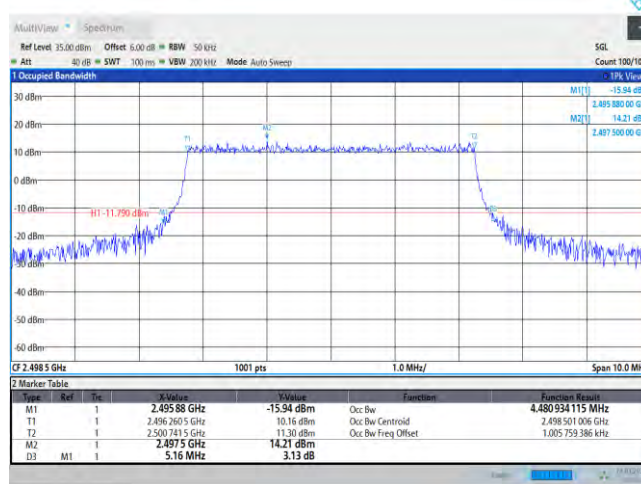
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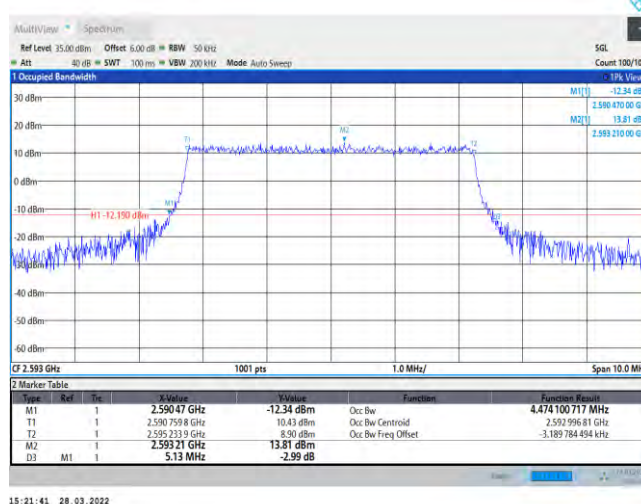
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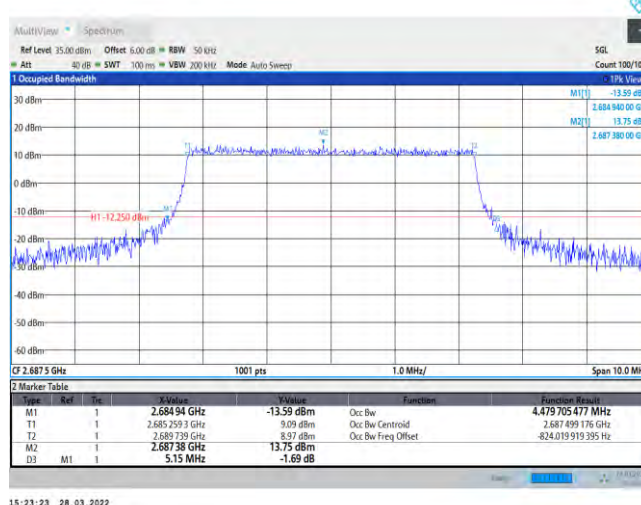
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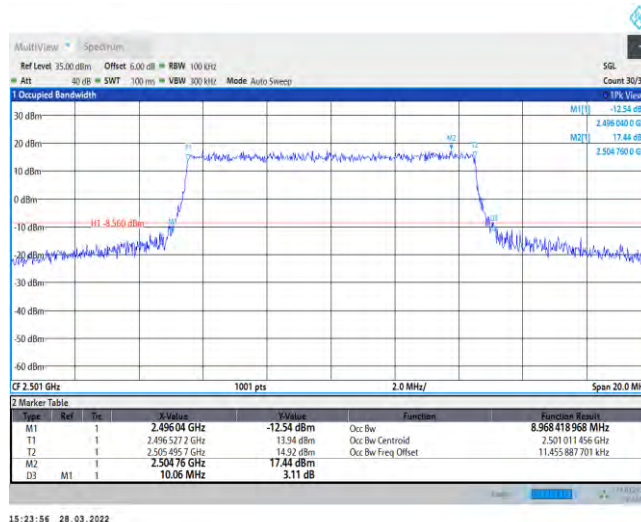


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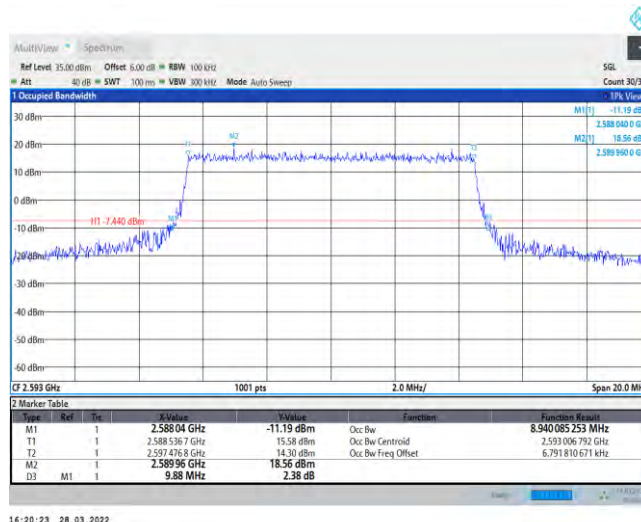
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Band41-10MHz-QPSK-39700-50RB#0



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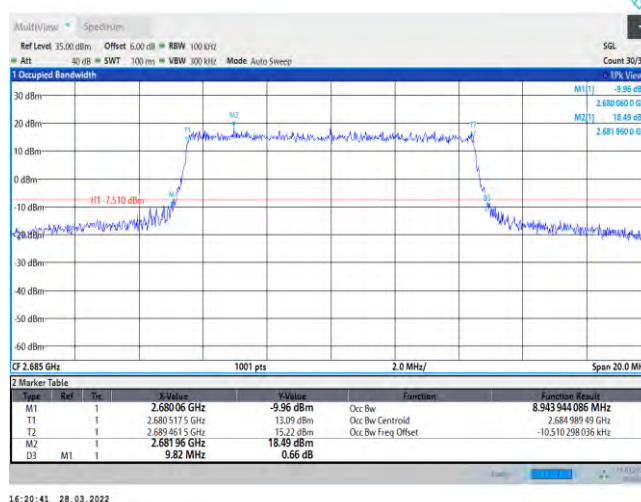
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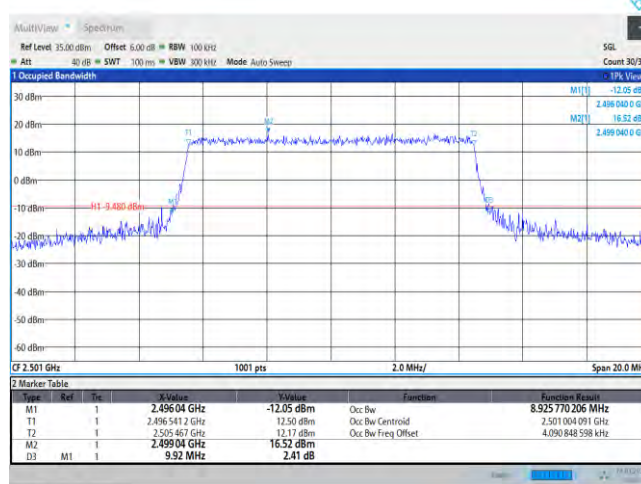
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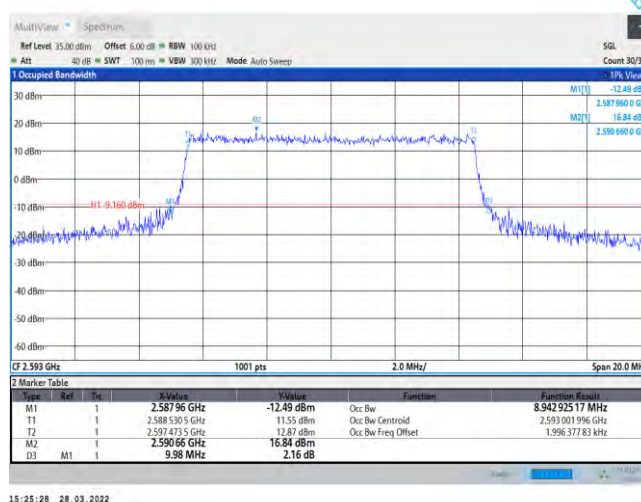
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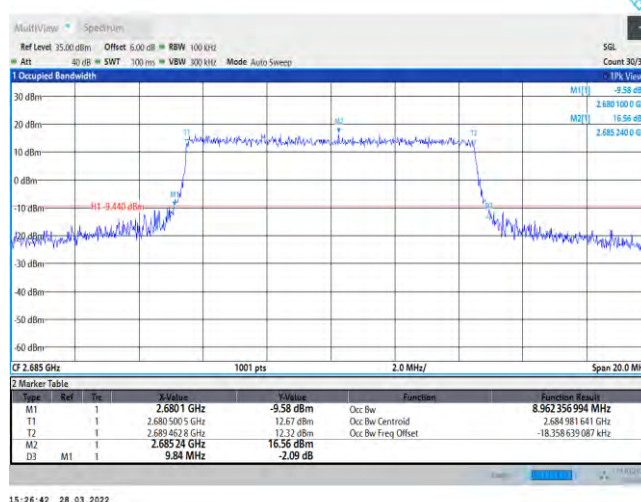
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15:25:28 28.03.2022

Band41-10MHz-16QAM-41540-50RB#0



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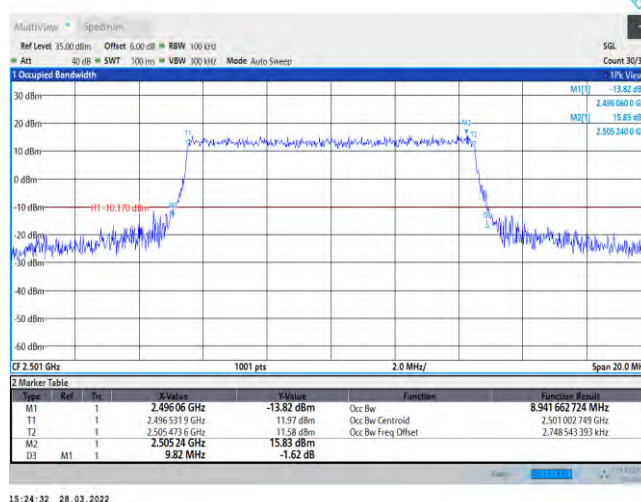
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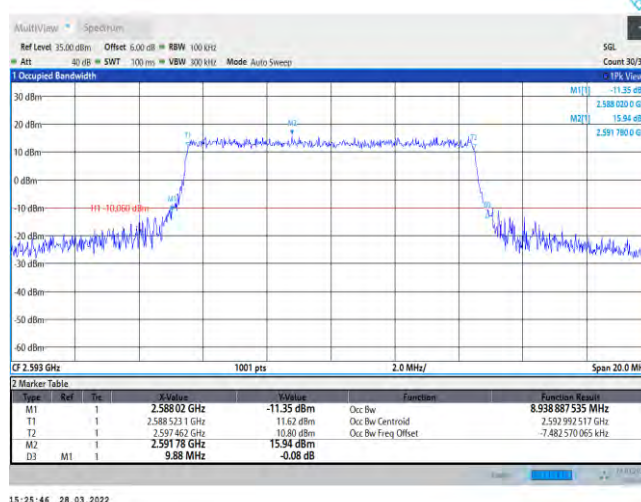
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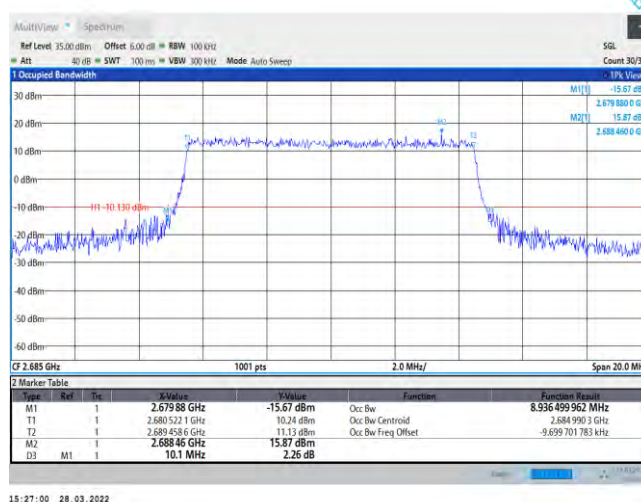
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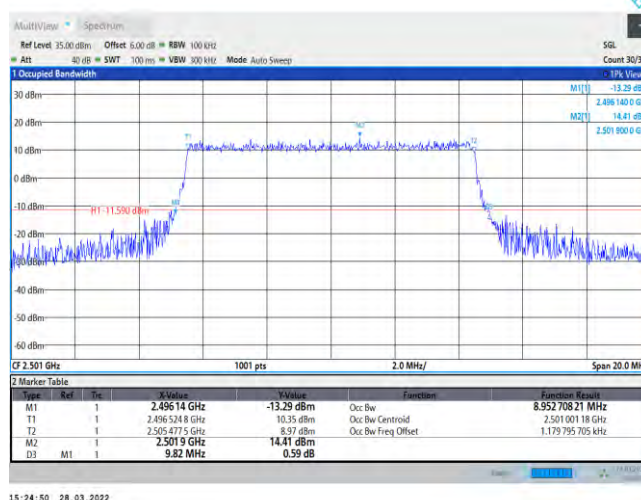
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Band41-10MHz-256QAM-39700-50RB#0



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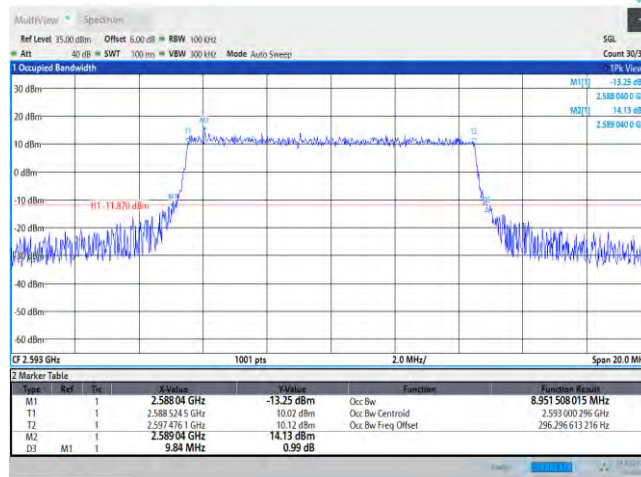
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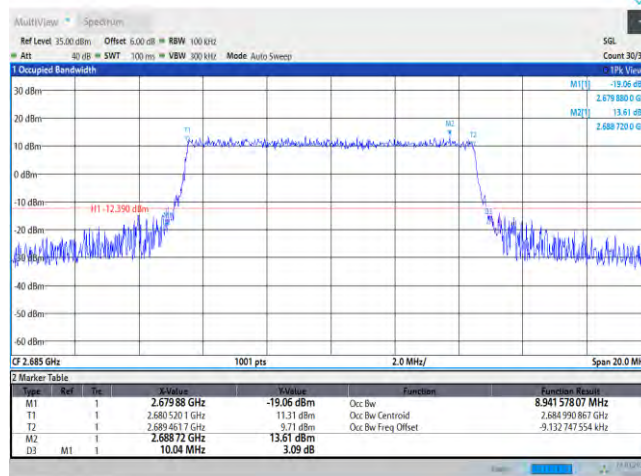
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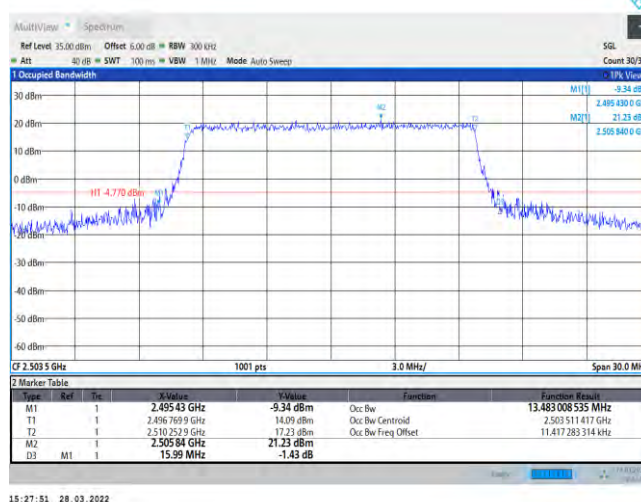
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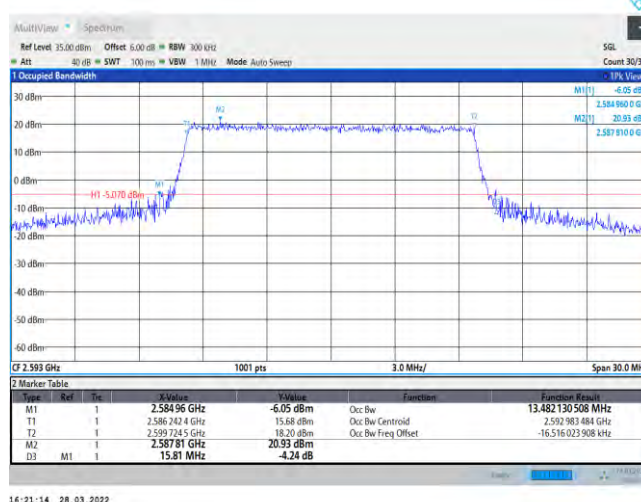
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Band41-15MHz-QPSK-40620-75RB#0



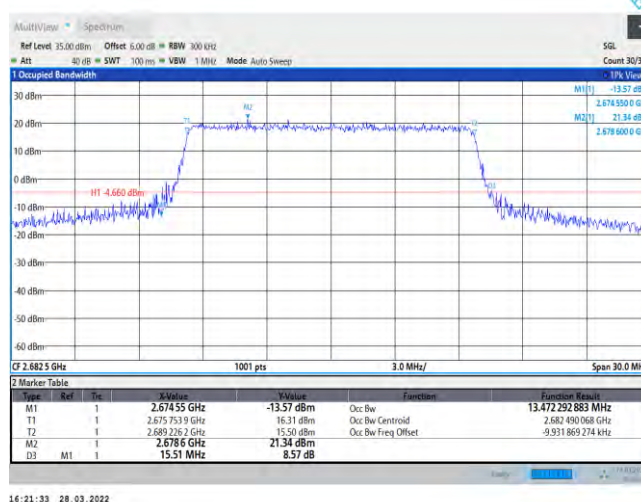
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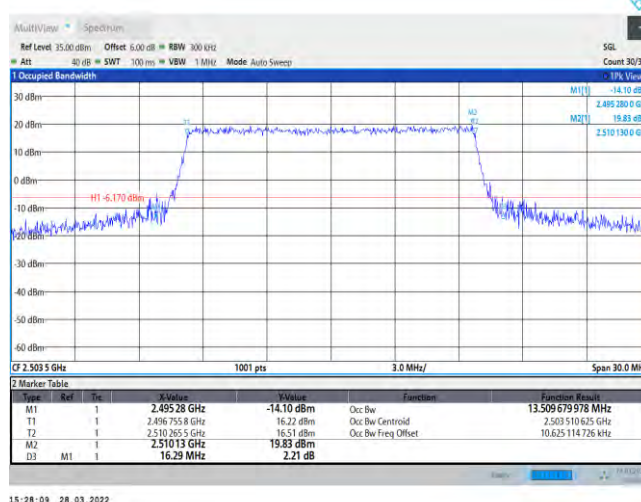
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16:21:33 28.03.2022

Band41-15MHz-16QAM-39725-75RB#0



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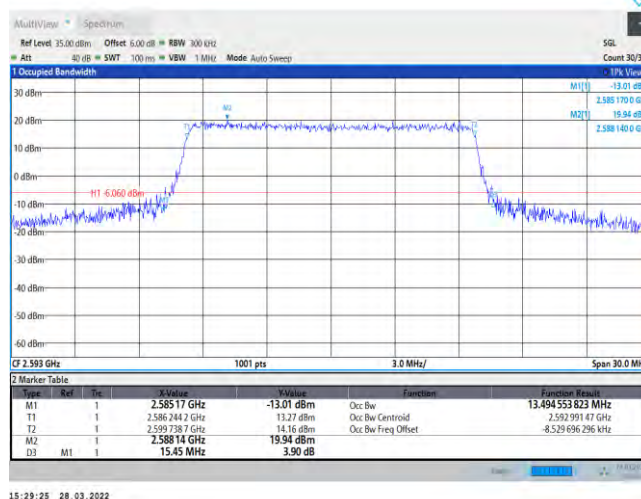
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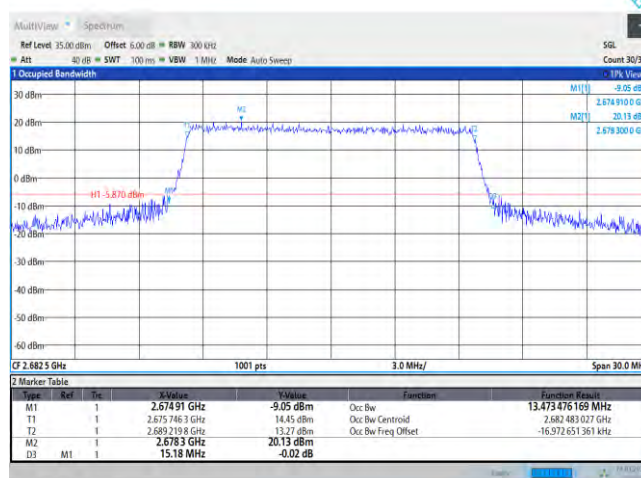
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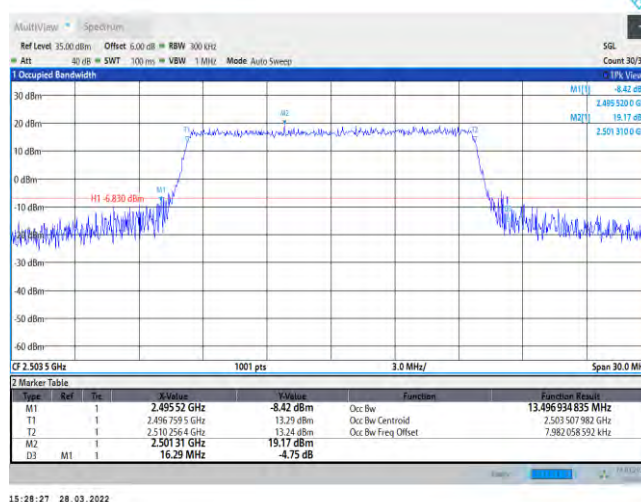
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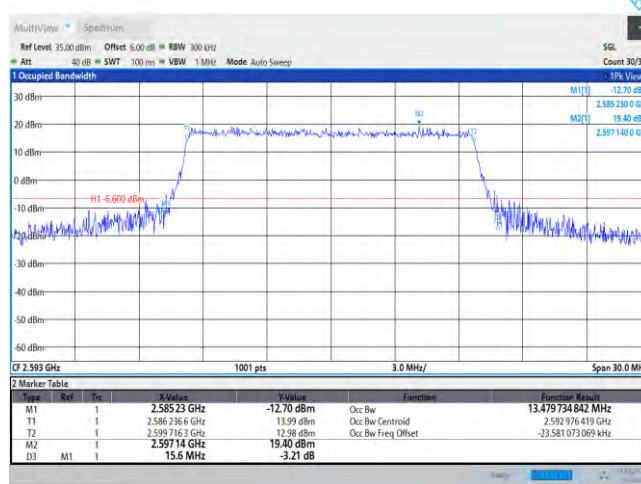
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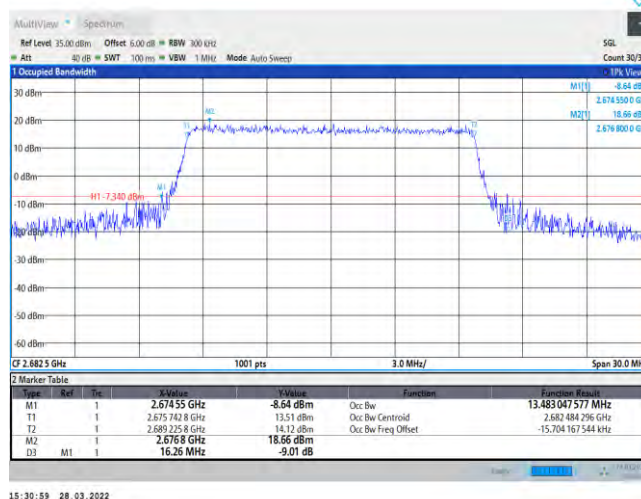
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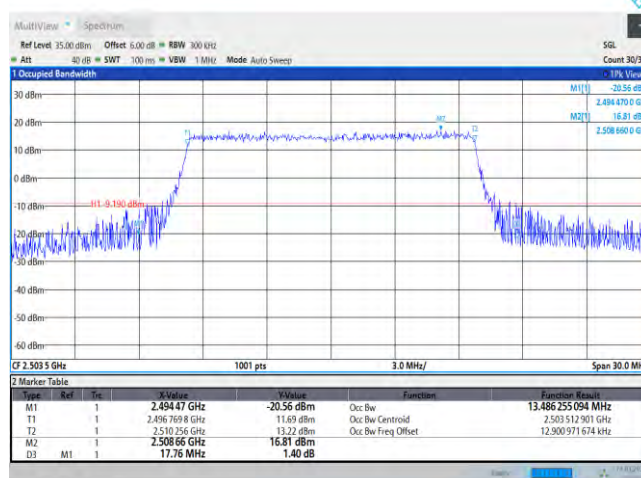
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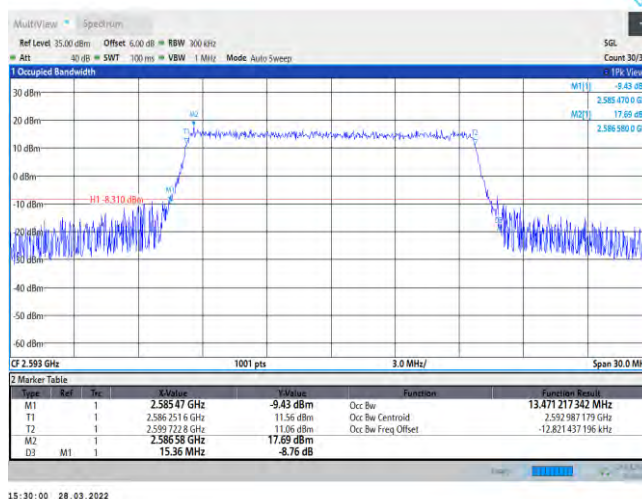
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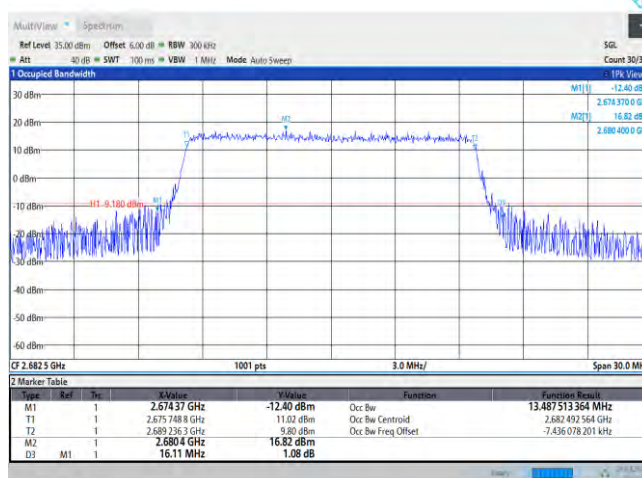
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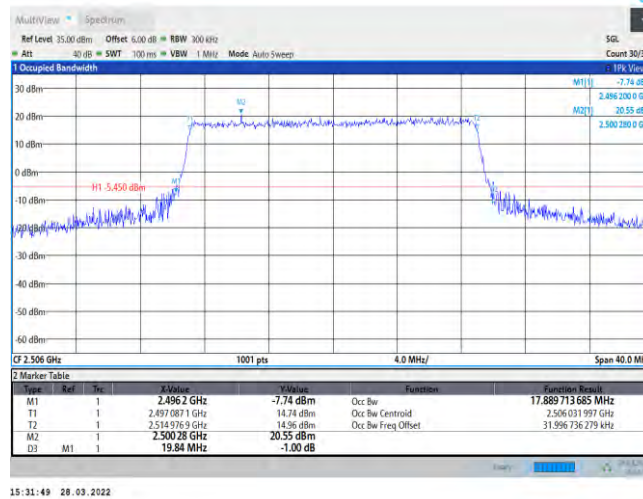
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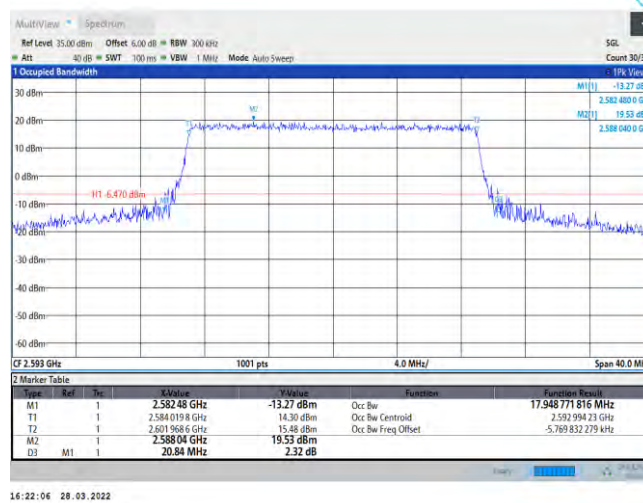
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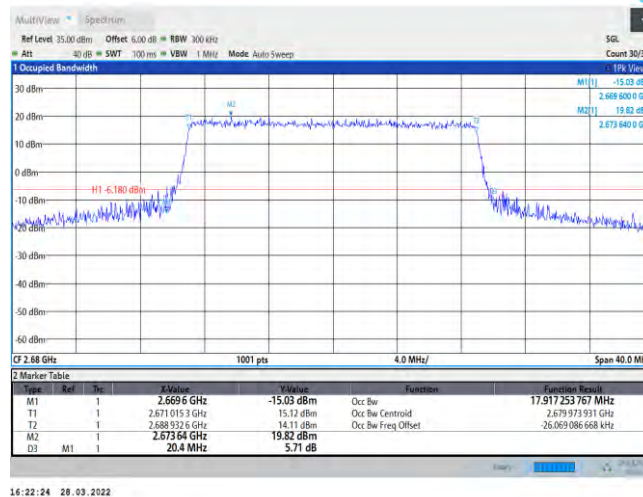
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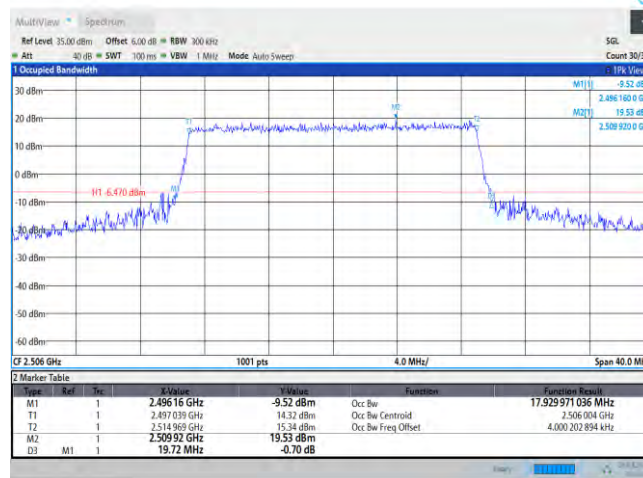
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Band41-20MHz-16QAM-39750-100RB#0



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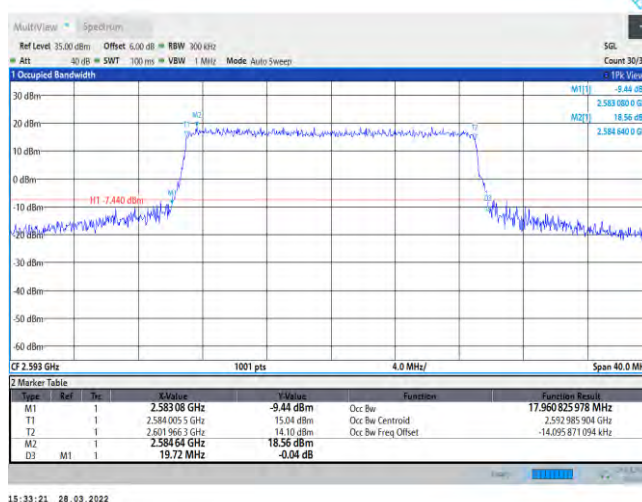
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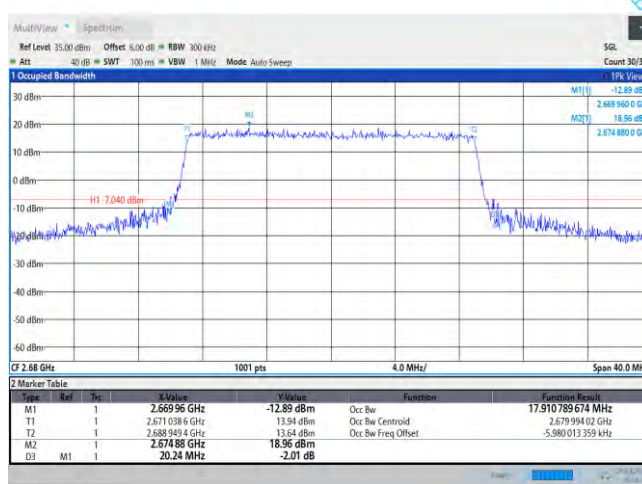
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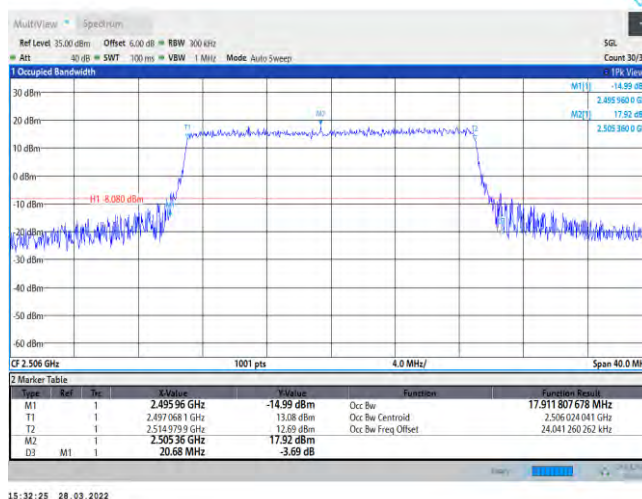
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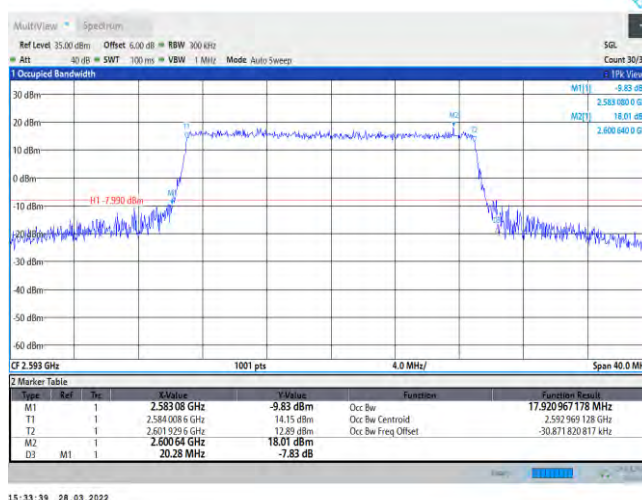
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Band41-20MHz-64QAM-40620-100RB#0



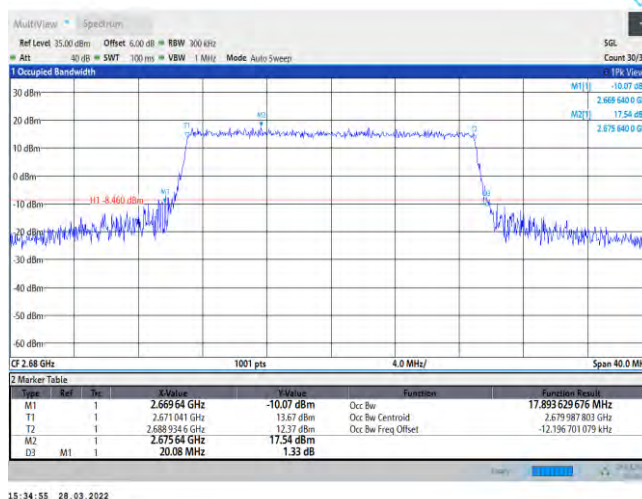
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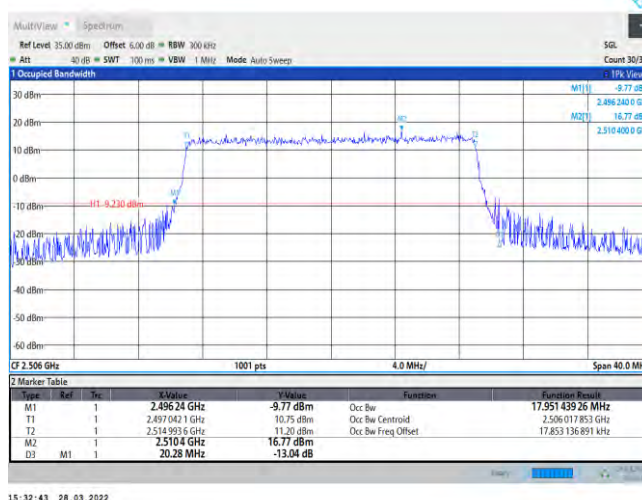
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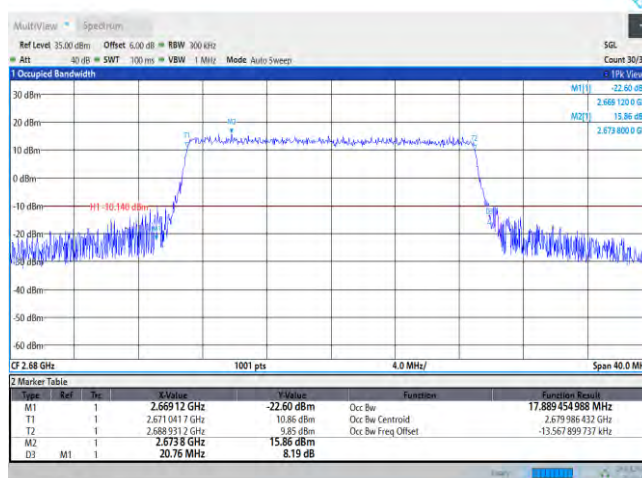
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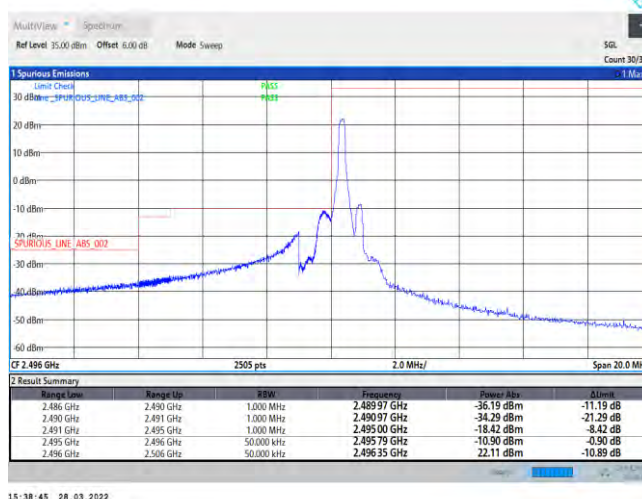
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Band Edge

Test Graphs

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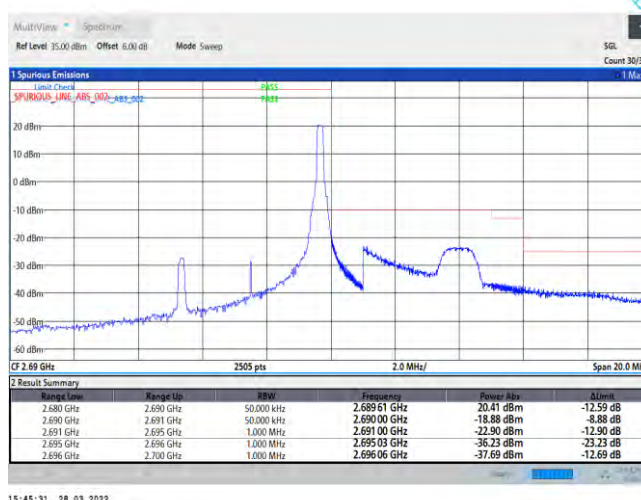
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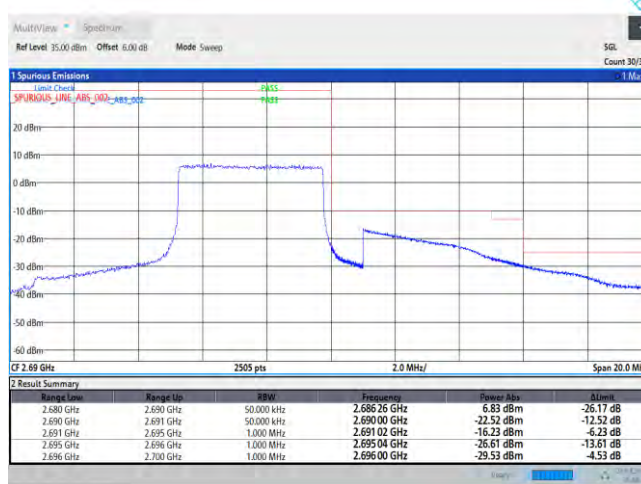
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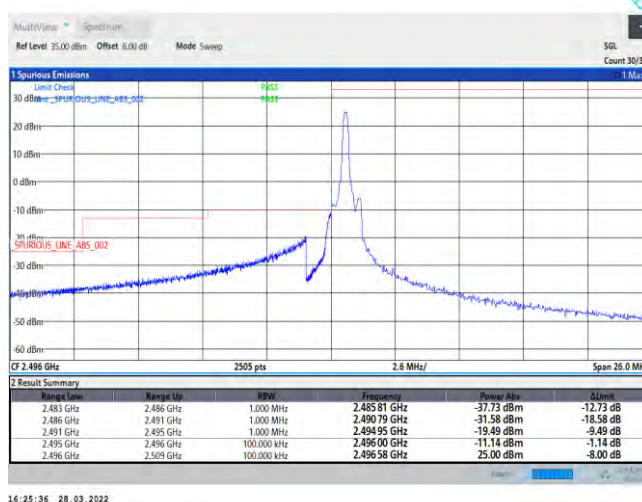
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Band41-10MHz-QPSK-39700-50RB#0



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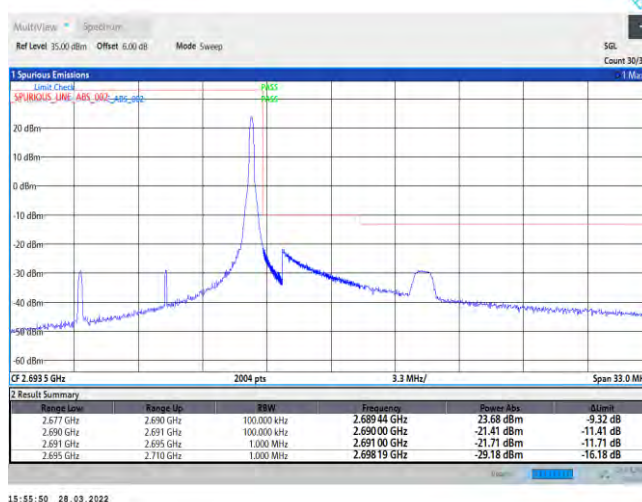
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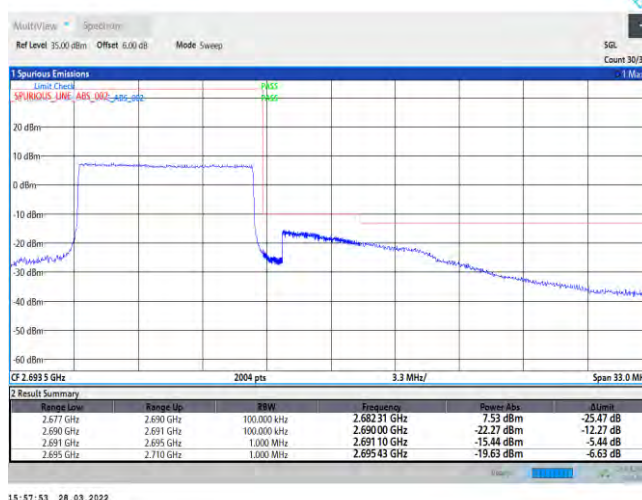
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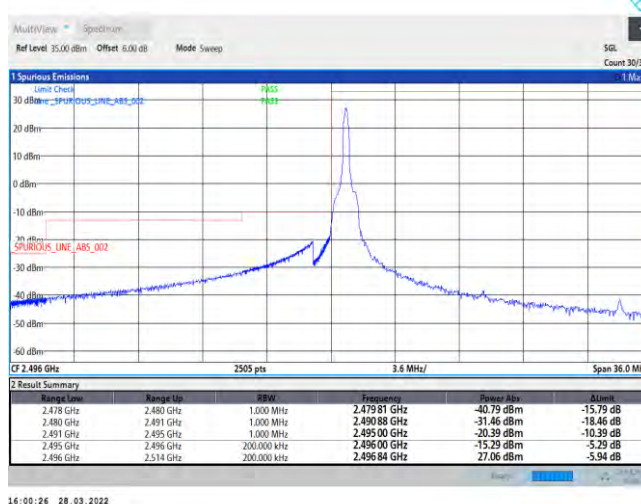
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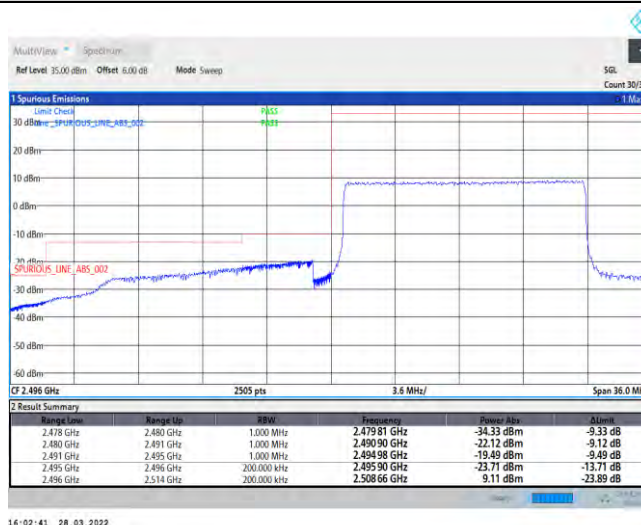
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Band41-15MHz-QPSK-39725-75RB#0



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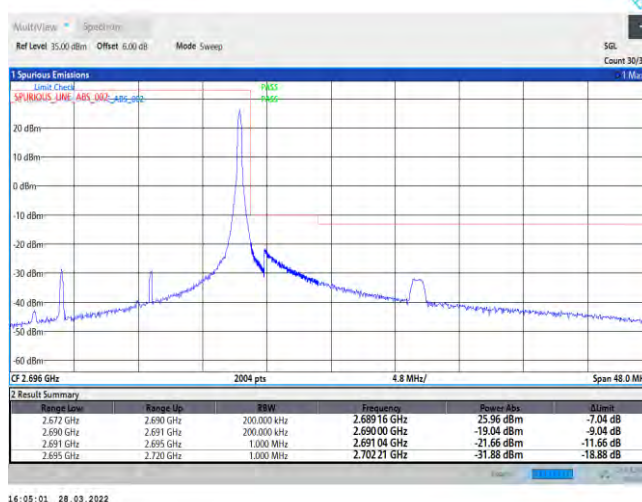
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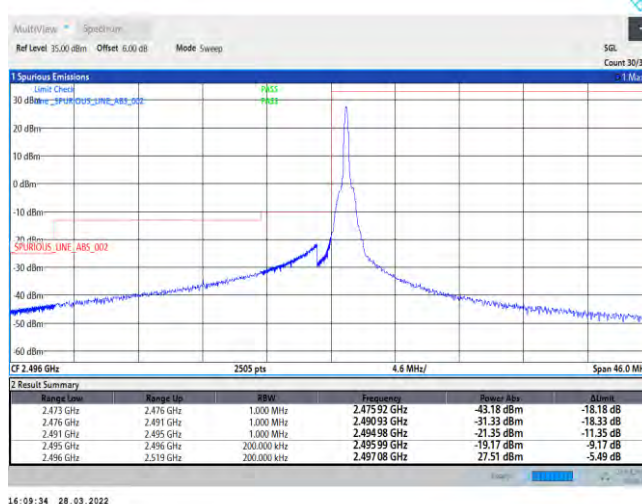
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16:11:48 28.03.2022



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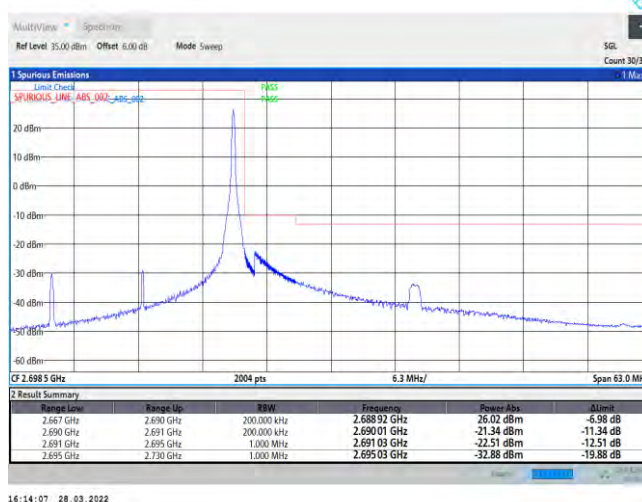
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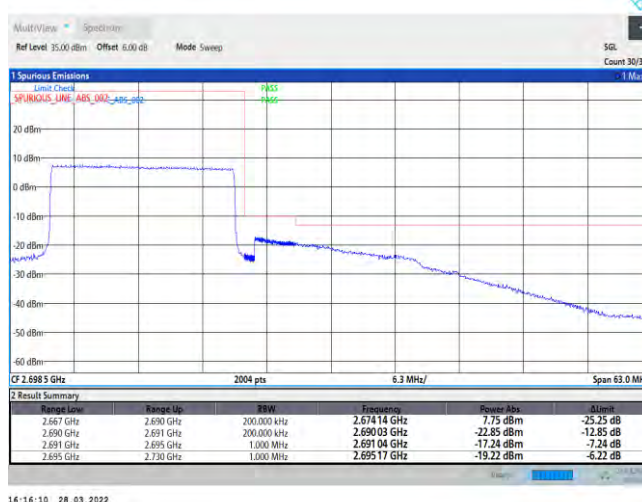
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Band41-20MHz-QPSK-41490-1RB#99



Band41-20MHz-QPSK-41490-100RB#0



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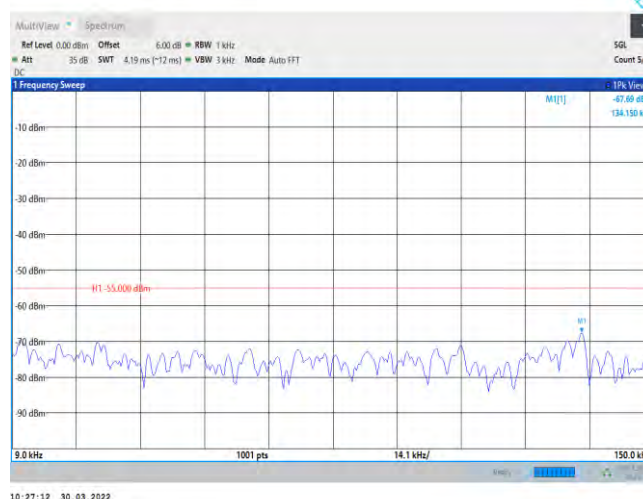
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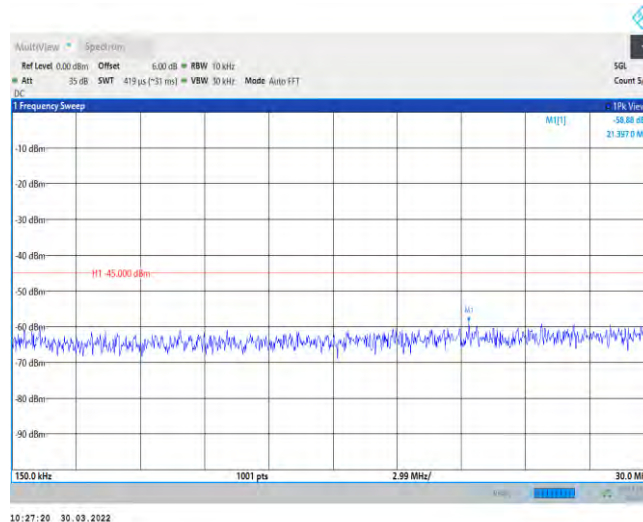
Conducted Spurious Emission

Test Graphs

Band41-20MHz-QPSK-39750-1RB#0-Range1:0.009~0.15MHz



Band41-20MHz-QPSK-39750-1RB#0-Range2:0.15~30MHz



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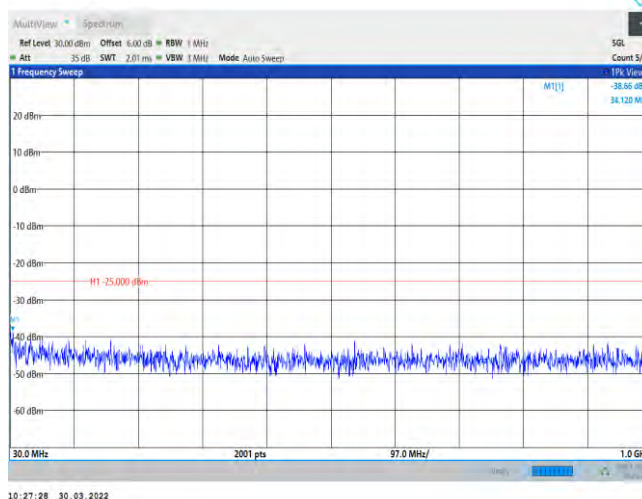
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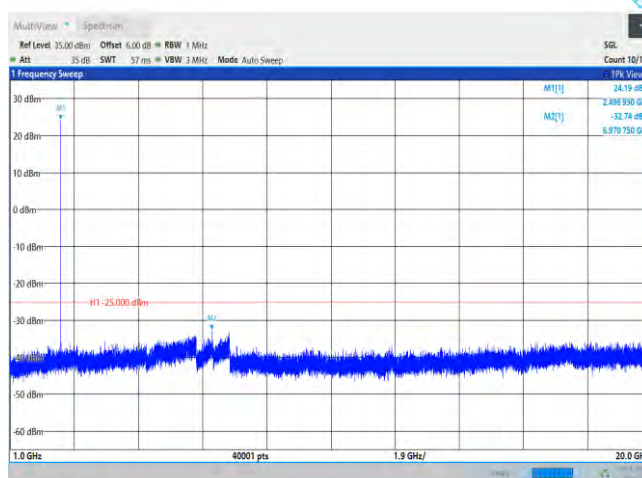
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Band41-20MHz-QPSK-39750-1RB#0-Range3:30~1000MHz



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Band41-20MHz-QPSK-39750-1RB#0-Range4:1000~20000MHz



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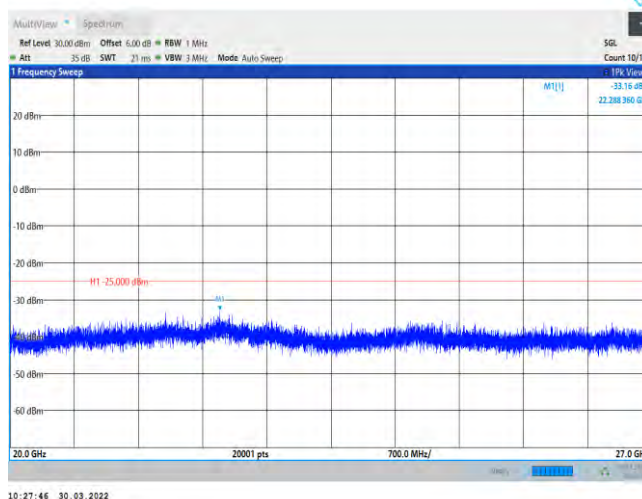
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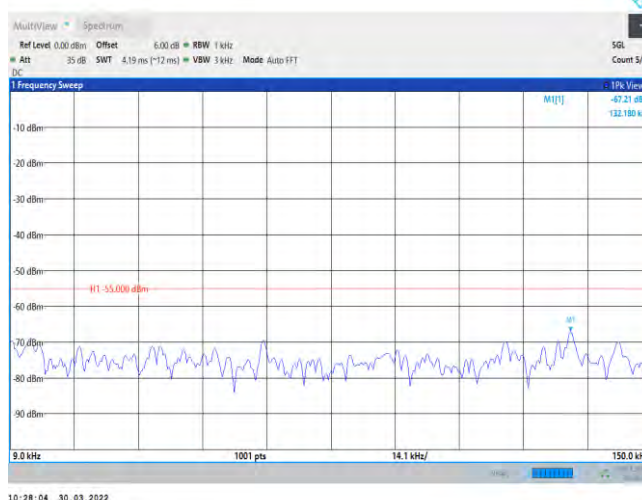
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Band41-20MHz-QPSK-39750-1RB#0-Range5:20000~27000MHz



Band41-20MHz-QPSK-40620-1RB#0-Range1:0.009~0.15MHz



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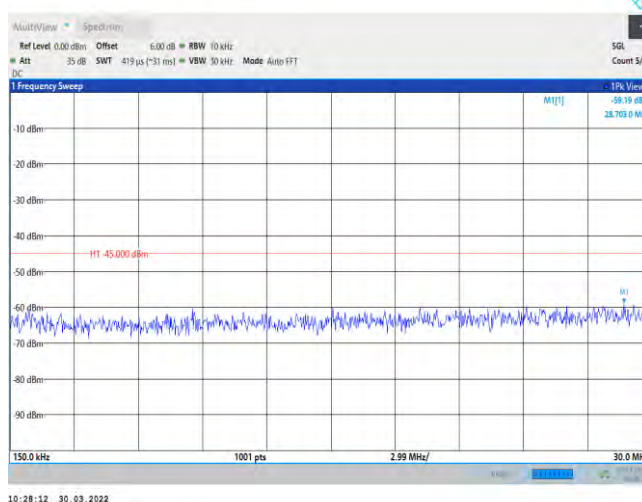
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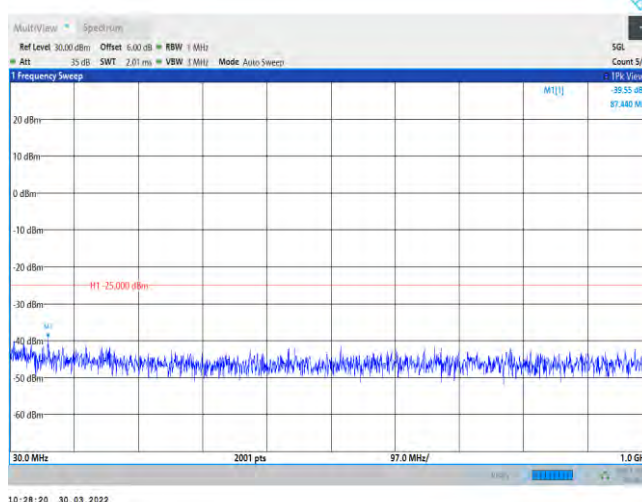
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Band41-20MHz-QPSK-40620-1RB#0-Range2:0.15~30MHz



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Band41-20MHz-QPSK-40620-1RB#0-Range3:30~1000MHz



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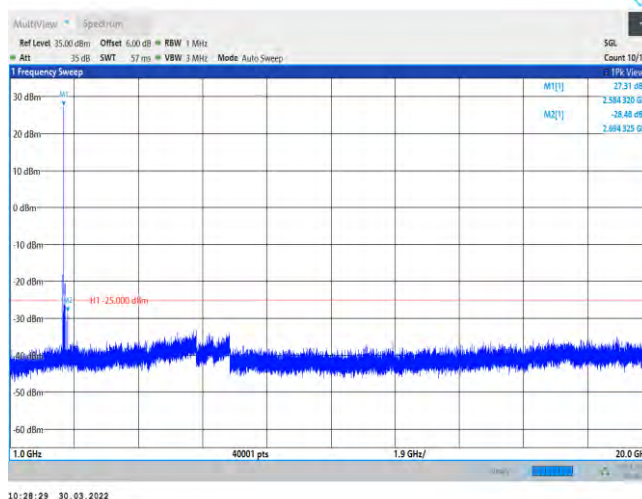
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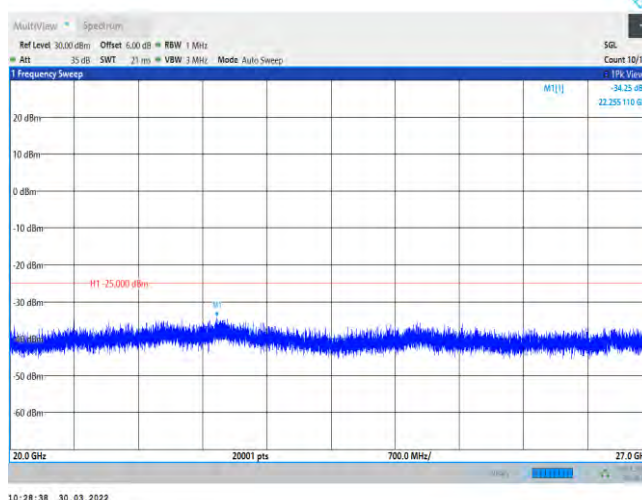
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Band41-20MHz-QPSK-40620-1RB#0-Range4:1000~20000MHz



Band41-20MHz-QPSK-40620-1RB#0-Range5:20000~27000MHz



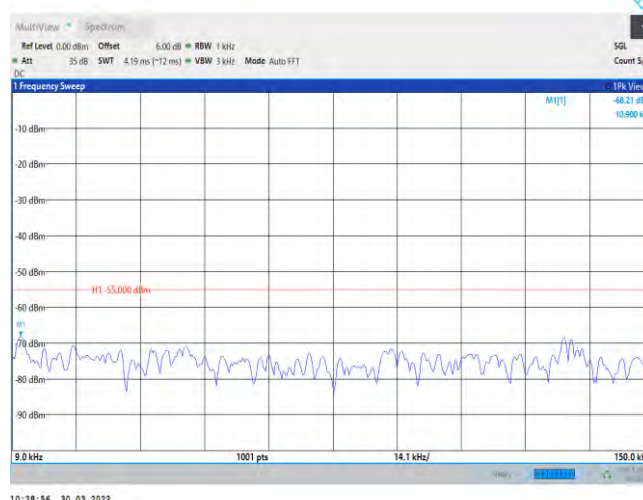
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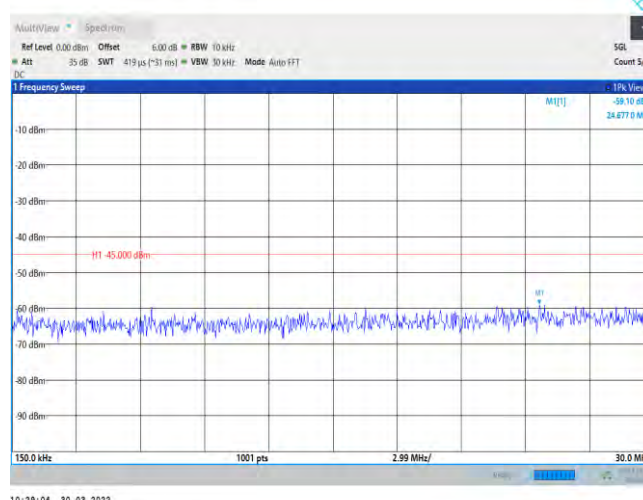
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Band41-20MHz-QPSK-41490-1RB#0-Range1:0.009~0.15MHz



Band41-20MHz-QPSK-41490-1RB#0-Range2:0.15~30MHz



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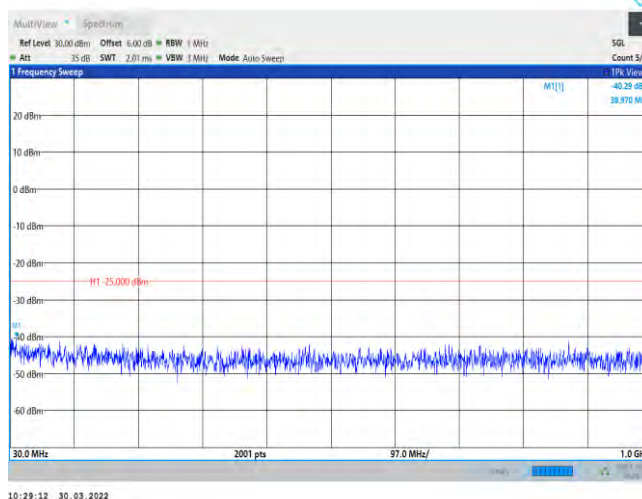
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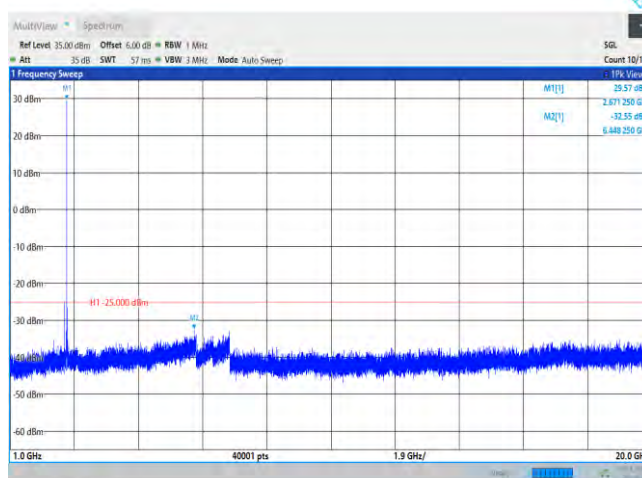
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Band41-20MHz-QPSK-41490-1RB#0-Range3:30~1000MHz



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Band41-20MHz-QPSK-41490-1RB#0-Range4:1000~20000MHz



10:29:21 30.03.2022



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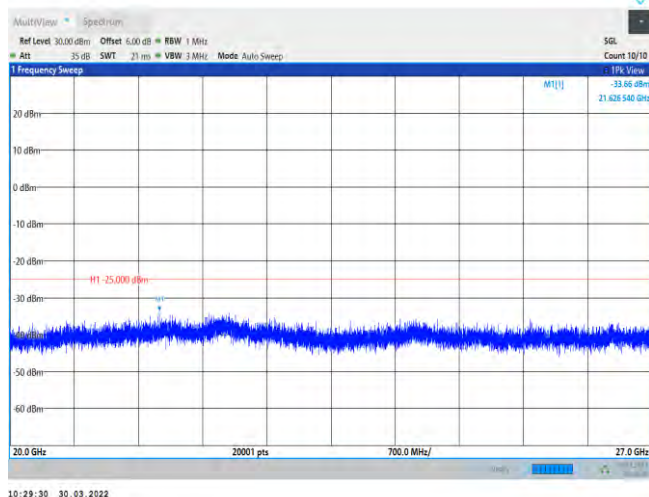
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Band41-20MHz-QPSK-41490-1RB#0-Range5:20000~27000MHz



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Field Strength of Spurious Radiation**Test Band = _LTE Band41 TM1****Test Channel = Low**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5001.75	78.99	-108.01	-29.02	-25.00	4.02	163	76	Horizontal
2	7503.2700	59.41	-101.95	-42.54	-25.00	17.54	255	258	Horizontal
3	10004.3600	47.21	-96.00	-48.79	-25.00	23.79	136	359	Horizontal
4	12505.4500	57.07	-93.07	-36.00	-25.00	11.00	192	141	Horizontal
5	15006.5400	37.71	-90.70	-52.99	-25.00	27.99	172	359	Horizontal
6	17507.6300	40.38	-90.99	-50.61	-25.00	25.61	102	162	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.1800	72.72	-108.01	-35.29	-25.00	10.29	148	204	Vertical
2	7503.2700	63.90	-101.95	-38.05	-25.00	13.05	233	182	Vertical
3	10004.25	56.05	-96.00	-39.95	-25.00	14.95	163	226	Vertical
4	12505.5	64.27	-93.07	-28.80	-25.00	3.80	241	171	Vertical
5	15006.5400	41.47	-90.70	-49.23	-25.00	24.23	172	246	Vertical
6	17507.6300	39.88	-90.99	-51.11	-25.00	26.11	288	14	Vertical



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Test Band = _LTE Band41 TM1

Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3982.5	51.74	-110.58	-58.84	-25.00	33.84	155	360	Horizontal
2	5168.1800	72.36	-107.60	-35.24	-25.00	10.24	148	322	Horizontal
3	7752.2700	60.12	-101.26	-41.14	-25.00	16.14	169	300	Horizontal
4	10336.3600	50.33	-95.48	-45.15	-25.00	20.15	136	333	Horizontal
5	12920.25	50.98	-92.66	-41.68	-25.00	16.68	247	216	Horizontal
6	15504.5400	38.79	-92.04	-53.25	-25.00	28.25	115	88	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3750.75	53.24	-110.82	-57.58	-25.00	32.58	233	267	Vertical
2	5168.1800	74.74	-107.60	-32.86	-25.00	7.86	156	204	Vertical
3	7752	67.18	-101.27	-34.09	-25.00	9.09	254	215	Vertical
4	10336.3600	55.36	-95.48	-40.12	-25.00	15.12	169	332	Vertical
5	12920.4500	61.94	-92.67	-30.73	-25.00	5.73	185	301	Vertical
6	15504.5400	39.62	-92.04	-52.42	-25.00	27.42	203	141	Vertical



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Test Band = _LTE Band41 TM1

Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4039.5	51.97	-110.33	-58.36	-25.00	33.36	122	24	Horizontal
2	5342.1800	70.37	-107.58	-37.21	-25.00	12.21	254	48	Horizontal
3	8013	62.80	-100.47	-37.67	-25.00	12.67	165	302	Horizontal
4	10684.3600	47.03	-94.10	-47.07	-25.00	22.07	189	313	Horizontal
5	13355.4500	45.41	-91.72	-46.31	-25.00	21.31	167	140	Horizontal
6	16026.5400	38.68	-92.29	-53.61	-25.00	28.61	133	118	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4091.25	52.46	-110.11	-57.65	-25.00	32.65	238	174	Vertical
2	5342.25	75.70	-107.58	-31.88	-25.00	6.88	118	313	Vertical
3	8013.2700	69.56	-100.46	-30.90	-25.00	5.90	144	227	Vertical
4	10684.3600	53.99	-94.10	-40.11	-25.00	15.11	169	238	Vertical
5	13355.25	58.49	-91.73	-33.24	-25.00	8.24	172	302	Vertical
6	16026.5400	39.50	-92.29	-52.79	-25.00	27.79	190	163	Vertical



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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	40620	100RB#0	VL	NT	2.00	0.000771	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	1.10	0.000424	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	3.20	0.001234	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-2.70	-0.001041	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	0.10	0.000039	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-1.90	-0.000733	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	0.60	0.000231	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	-0.30	-0.000116	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-2.80	-0.001080	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-0.80	-0.000309	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	-1.30	-0.000501	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-0.50	-0.000193	PASS

The End



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