



Appendix B

E-UTRA Band 25



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth h	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#2	23.17	27.17	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	23.13	27.13	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#0	23.10	27.1	33	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	23.17	27.17	33	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	23.13	27.13	33	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	23.21	27.21	33	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	22.21	26.21	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	23.03	27.03	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	23.16	27.16	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	23.00	27	33	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	23.12	27.12	33	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	23.12	27.12	33	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	23.08	27.08	33	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	22.16	26.16	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	22.97	26.97	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	23.02	27.02	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	22.92	26.92	33	PASS
Band25	1.4MHz	QPSK	26683	3RB#1	23.04	27.04	33	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	23.01	27.01	33	PASS
Band25	1.4MHz	QPSK	26683	3RB#0	23.00	27	33	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	22.05	26.05	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#2	22.69	26.69	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#5	22.63	26.63	33	PASS
Band25	1.4MHz	64QAM	26047	1RB#0	22.57	26.57	33	PASS
Band25	1.4MHz	64QAM	26047	3RB#0	22.62	26.62	33	PASS
Band25	1.4MHz	64QAM	26047	3RB#1	22.68	26.68	33	PASS
Band25	1.4MHz	64QAM	26047	3RB#3	22.64	26.64	33	PASS



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Band25	1.4MHz	64QAM	26047	6RB#0	21.60	25.6	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#5	22.54	26.54	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#2	22.72	26.72	33	PASS
Band25	1.4MHz	64QAM	26365	1RB#0	22.57	26.57	33	PASS
Band25	1.4MHz	64QAM	26365	3RB#1	22.65	26.65	33	PASS
Band25	1.4MHz	64QAM	26365	3RB#3	22.64	26.64	33	PASS
Band25	1.4MHz	64QAM	26365	3RB#0	22.59	26.59	33	PASS
Band25	1.4MHz	64QAM	26365	6RB#0	21.53	25.53	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#0	22.44	26.44	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#5	22.40	26.4	33	PASS
Band25	1.4MHz	64QAM	26683	1RB#2	22.59	26.59	33	PASS
Band25	1.4MHz	64QAM	26683	3RB#0	22.33	26.33	33	PASS
Band25	1.4MHz	64QAM	26683	3RB#1	22.51	26.51	33	PASS
Band25	1.4MHz	64QAM	26683	3RB#3	22.50	26.5	33	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	21.42	25.42	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	22.41	26.41	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	22.54	26.54	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	22.29	26.29	33	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	22.30	26.3	33	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	22.36	26.36	33	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	22.21	26.21	33	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	21.25	25.25	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	22.34	26.34	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	22.29	26.29	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	22.52	26.52	33	PASS
Band25	1.4MHz	16QAM	26365	3RB#0	22.29	26.29	33	PASS
Band25	1.4MHz	16QAM	26365	3RB#1	22.33	26.33	33	PASS
Band25	1.4MHz	16QAM	26365	3RB#3	22.25	26.25	33	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	21.23	25.23	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	22.24	26.24	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	22.21	26.21	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	22.31	26.31	33	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	22.13	26.13	33	PASS



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Band25	1.4MHz	16QAM	26683	3RB#1	22.25	26.25	33	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	22.15	26.15	33	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	21.12	25.12	33	PASS
Band25	3MHz	QPSK	26055	1RB#8	23.28	27.28	33	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.12	27.12	33	PASS
Band25	3MHz	QPSK	26055	1RB#14	23.23	27.23	33	PASS
Band25	3MHz	QPSK	26055	8RB#7	22.25	26.25	33	PASS
Band25	3MHz	QPSK	26055	8RB#0	22.25	26.25	33	PASS
Band25	3MHz	QPSK	26055	8RB#4	22.33	26.33	33	PASS
Band25	3MHz	QPSK	26055	15RB#0	22.28	26.28	33	PASS
Band25	3MHz	QPSK	26365	1RB#8	23.24	27.24	33	PASS
Band25	3MHz	QPSK	26365	1RB#14	23.18	27.18	33	PASS
Band25	3MHz	QPSK	26365	1RB#0	23.06	27.06	33	PASS
Band25	3MHz	QPSK	26365	8RB#4	22.24	26.24	33	PASS
Band25	3MHz	QPSK	26365	8RB#7	22.20	26.2	33	PASS
Band25	3MHz	QPSK	26365	8RB#0	22.16	26.16	33	PASS
Band25	3MHz	QPSK	26365	15RB#0	22.23	26.23	33	PASS
Band25	3MHz	QPSK	26675	1RB#8	23.03	27.03	33	PASS
Band25	3MHz	QPSK	26675	1RB#0	22.90	26.9	33	PASS
Band25	3MHz	QPSK	26675	1RB#14	22.97	26.97	33	PASS
Band25	3MHz	QPSK	26675	8RB#7	22.14	26.14	33	PASS
Band25	3MHz	QPSK	26675	8RB#4	22.14	26.14	33	PASS
Band25	3MHz	QPSK	26675	8RB#0	22.08	26.08	33	PASS
Band25	3MHz	QPSK	26675	15RB#0	22.12	26.12	33	PASS
Band25	3MHz	64QAM	26055	1RB#0	22.60	26.6	33	PASS
Band25	3MHz	64QAM	26055	1RB#8	22.80	26.8	33	PASS
Band25	3MHz	64QAM	26055	1RB#14	22.68	26.68	33	PASS
Band25	3MHz	64QAM	26055	8RB#0	21.58	25.58	33	PASS
Band25	3MHz	64QAM	26055	8RB#4	21.68	25.68	33	PASS
Band25	3MHz	64QAM	26055	8RB#7	21.59	25.59	33	PASS
Band25	3MHz	64QAM	26055	15RB#0	21.67	25.67	33	PASS
Band25	3MHz	64QAM	26365	1RB#14	22.63	26.63	33	PASS
Band25	3MHz	64QAM	26365	1RB#0	22.55	26.55	33	PASS



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Band25	3MHz	64QAM	26365	1RB#8	22.76	26.76	33	PASS
Band25	3MHz	64QAM	26365	8RB#0	21.56	25.56	33	PASS
Band25	3MHz	64QAM	26365	8RB#7	21.60	25.6	33	PASS
Band25	3MHz	64QAM	26365	8RB#4	21.65	25.65	33	PASS
Band25	3MHz	64QAM	26365	15RB#0	21.65	25.65	33	PASS
Band25	3MHz	64QAM	26675	1RB#0	22.49	26.49	33	PASS
Band25	3MHz	64QAM	26675	1RB#8	22.62	26.62	33	PASS
Band25	3MHz	64QAM	26675	1RB#14	22.53	26.53	33	PASS
Band25	3MHz	64QAM	26675	8RB#7	21.49	25.49	33	PASS
Band25	3MHz	64QAM	26675	8RB#0	21.44	25.44	33	PASS
Band25	3MHz	64QAM	26675	8RB#4	21.50	25.5	33	PASS
Band25	3MHz	64QAM	26675	15RB#0	21.44	25.44	33	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.34	26.34	33	PASS
Band25	3MHz	16QAM	26055	1RB#8	22.57	26.57	33	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.41	26.41	33	PASS
Band25	3MHz	16QAM	26055	8RB#7	21.27	25.27	33	PASS
Band25	3MHz	16QAM	26055	8RB#0	21.28	25.28	33	PASS
Band25	3MHz	16QAM	26055	8RB#4	21.35	25.35	33	PASS
Band25	3MHz	16QAM	26055	15RB#0	21.28	25.28	33	PASS
Band25	3MHz	16QAM	26365	1RB#14	22.41	26.41	33	PASS
Band25	3MHz	16QAM	26365	1RB#8	22.43	26.43	33	PASS
Band25	3MHz	16QAM	26365	1RB#0	22.43	26.43	33	PASS
Band25	3MHz	16QAM	26365	8RB#4	21.34	25.34	33	PASS
Band25	3MHz	16QAM	26365	8RB#0	21.21	25.21	33	PASS
Band25	3MHz	16QAM	26365	8RB#7	21.28	25.28	33	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.22	25.22	33	PASS
Band25	3MHz	16QAM	26675	1RB#0	22.20	26.2	33	PASS
Band25	3MHz	16QAM	26675	1RB#8	22.29	26.29	33	PASS
Band25	3MHz	16QAM	26675	1RB#14	22.29	26.29	33	PASS
Band25	3MHz	16QAM	26675	8RB#0	21.16	25.16	33	PASS
Band25	3MHz	16QAM	26675	8RB#4	21.25	25.25	33	PASS
Band25	3MHz	16QAM	26675	8RB#7	21.23	25.23	33	PASS
Band25	3MHz	16QAM	26675	15RB#0	21.12	25.12	33	PASS



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Band25	5MHz	QPSK	26065	1RB#12	23.20	27.2	33	PASS
Band25	5MHz	QPSK	26065	1RB#0	23.11	27.11	33	PASS
Band25	5MHz	QPSK	26065	1RB#24	23.27	27.27	33	PASS
Band25	5MHz	QPSK	26065	12RB#13	22.28	26.28	33	PASS
Band25	5MHz	QPSK	26065	12RB#6	22.33	26.33	33	PASS
Band25	5MHz	QPSK	26065	12RB#0	22.25	26.25	33	PASS
Band25	5MHz	QPSK	26065	25RB#0	22.33	26.33	33	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.07	27.07	33	PASS
Band25	5MHz	QPSK	26365	1RB#24	23.12	27.12	33	PASS
Band25	5MHz	QPSK	26365	1RB#12	23.18	27.18	33	PASS
Band25	5MHz	QPSK	26365	12RB#0	22.22	26.22	33	PASS
Band25	5MHz	QPSK	26365	12RB#13	22.26	26.26	33	PASS
Band25	5MHz	QPSK	26365	12RB#6	22.25	26.25	33	PASS
Band25	5MHz	QPSK	26365	25RB#0	22.24	26.24	33	PASS
Band25	5MHz	QPSK	26665	1RB#24	22.96	26.96	33	PASS
Band25	5MHz	QPSK	26665	1RB#0	22.97	26.97	33	PASS
Band25	5MHz	QPSK	26665	1RB#12	23.06	27.06	33	PASS
Band25	5MHz	QPSK	26665	12RB#0	22.06	26.06	33	PASS
Band25	5MHz	QPSK	26665	12RB#6	22.13	26.13	33	PASS
Band25	5MHz	QPSK	26665	12RB#13	22.17	26.17	33	PASS
Band25	5MHz	QPSK	26665	25RB#0	22.16	26.16	33	PASS
Band25	5MHz	64QAM	26065	1RB#24	22.75	26.75	33	PASS
Band25	5MHz	64QAM	26065	1RB#0	22.68	26.68	33	PASS
Band25	5MHz	64QAM	26065	1RB#12	22.66	26.66	33	PASS
Band25	5MHz	64QAM	26065	12RB#0	21.61	25.61	33	PASS
Band25	5MHz	64QAM	26065	12RB#13	21.74	25.74	33	PASS
Band25	5MHz	64QAM	26065	12RB#6	21.66	25.66	33	PASS
Band25	5MHz	64QAM	26065	25RB#0	21.68	25.68	33	PASS
Band25	5MHz	64QAM	26365	1RB#12	22.67	26.67	33	PASS
Band25	5MHz	64QAM	26365	1RB#0	22.64	26.64	33	PASS
Band25	5MHz	64QAM	26365	1RB#24	22.64	26.64	33	PASS
Band25	5MHz	64QAM	26365	12RB#0	21.60	25.6	33	PASS
Band25	5MHz	64QAM	26365	12RB#6	21.65	25.65	33	PASS





Band25	5MHz	64QAM	26365	12RB#13	21.65	25.65	33	PASS
Band25	5MHz	64QAM	26365	25RB#0	21.62	25.62	33	PASS
Band25	5MHz	64QAM	26665	1RB#12	22.55	26.55	33	PASS
Band25	5MHz	64QAM	26665	1RB#0	22.44	26.44	33	PASS
Band25	5MHz	64QAM	26665	1RB#24	22.43	26.43	33	PASS
Band25	5MHz	64QAM	26665	12RB#13	21.49	25.49	33	PASS
Band25	5MHz	64QAM	26665	12RB#6	21.51	25.51	33	PASS
Band25	5MHz	64QAM	26665	12RB#0	21.44	25.44	33	PASS
Band25	5MHz	64QAM	26665	25RB#0	21.51	25.51	33	PASS
Band25	5MHz	16QAM	26065	1RB#24	22.47	26.47	33	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.51	26.51	33	PASS
Band25	5MHz	16QAM	26065	1RB#0	22.45	26.45	33	PASS
Band25	5MHz	16QAM	26065	12RB#0	21.30	25.3	33	PASS
Band25	5MHz	16QAM	26065	12RB#6	21.34	25.34	33	PASS
Band25	5MHz	16QAM	26065	12RB#13	21.36	25.36	33	PASS
Band25	5MHz	16QAM	26065	25RB#0	21.29	25.29	33	PASS
Band25	5MHz	16QAM	26365	1RB#24	22.45	26.45	33	PASS
Band25	5MHz	16QAM	26365	1RB#12	22.39	26.39	33	PASS
Band25	5MHz	16QAM	26365	1RB#0	22.41	26.41	33	PASS
Band25	5MHz	16QAM	26365	12RB#6	21.34	25.34	33	PASS
Band25	5MHz	16QAM	26365	12RB#0	21.22	25.22	33	PASS
Band25	5MHz	16QAM	26365	12RB#13	21.36	25.36	33	PASS
Band25	5MHz	16QAM	26365	25RB#0	21.26	25.26	33	PASS
Band25	5MHz	16QAM	26665	1RB#24	22.30	26.3	33	PASS
Band25	5MHz	16QAM	26665	1RB#0	22.25	26.25	33	PASS
Band25	5MHz	16QAM	26665	1RB#12	22.46	26.46	33	PASS
Band25	5MHz	16QAM	26665	12RB#0	21.17	25.17	33	PASS
Band25	5MHz	16QAM	26665	12RB#6	21.20	25.2	33	PASS
Band25	5MHz	16QAM	26665	12RB#13	21.26	25.26	33	PASS
Band25	5MHz	16QAM	26665	25RB#0	21.15	25.15	33	PASS
Band25	10MHz	QPSK	26090	1RB#0	23.27	27.27	33	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.11	27.11	33	PASS
Band25	10MHz	QPSK	26090	1RB#49	23.24	27.24	33	PASS



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Band25	10MHz	QPSK	26090	25RB#0	22.31	26.31	33	PASS
Band25	10MHz	QPSK	26090	25RB#12	22.33	26.33	33	PASS
Band25	10MHz	QPSK	26090	25RB#25	22.28	26.28	33	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.31	26.31	33	PASS
Band25	10MHz	QPSK	26365	1RB#0	23.18	27.18	33	PASS
Band25	10MHz	QPSK	26365	1RB#24	23.03	27.03	33	PASS
Band25	10MHz	QPSK	26365	1RB#49	23.16	27.16	33	PASS
Band25	10MHz	QPSK	26365	25RB#12	22.24	26.24	33	PASS
Band25	10MHz	QPSK	26365	25RB#25	22.21	26.21	33	PASS
Band25	10MHz	QPSK	26365	25RB#0	22.19	26.19	33	PASS
Band25	10MHz	QPSK	26365	50RB#0	22.22	26.22	33	PASS
Band25	10MHz	QPSK	26640	1RB#0	23.07	27.07	33	PASS
Band25	10MHz	QPSK	26640	1RB#24	22.93	26.93	33	PASS
Band25	10MHz	QPSK	26640	1RB#49	23.10	27.1	33	PASS
Band25	10MHz	QPSK	26640	25RB#0	22.09	26.09	33	PASS
Band25	10MHz	QPSK	26640	25RB#12	22.13	26.13	33	PASS
Band25	10MHz	QPSK	26640	25RB#25	22.15	26.15	33	PASS
Band25	10MHz	QPSK	26640	50RB#0	22.11	26.11	33	PASS
Band25	10MHz	64QAM	26090	1RB#0	22.70	26.7	33	PASS
Band25	10MHz	64QAM	26090	1RB#49	22.66	26.66	33	PASS
Band25	10MHz	64QAM	26090	1RB#24	22.57	26.57	33	PASS
Band25	10MHz	64QAM	26090	25RB#12	21.68	25.68	33	PASS
Band25	10MHz	64QAM	26090	25RB#0	21.62	25.62	33	PASS
Band25	10MHz	64QAM	26090	25RB#25	21.62	25.62	33	PASS
Band25	10MHz	64QAM	26090	50RB#0	21.64	25.64	33	PASS
Band25	10MHz	64QAM	26365	1RB#0	22.65	26.65	33	PASS
Band25	10MHz	64QAM	26365	1RB#49	22.68	26.68	33	PASS
Band25	10MHz	64QAM	26365	1RB#24	22.49	26.49	33	PASS
Band25	10MHz	64QAM	26365	25RB#0	21.59	25.59	33	PASS
Band25	10MHz	64QAM	26365	25RB#12	21.64	25.64	33	PASS
Band25	10MHz	64QAM	26365	25RB#25	21.57	25.57	33	PASS
Band25	10MHz	64QAM	26365	50RB#0	21.60	25.6	33	PASS
Band25	10MHz	64QAM	26640	1RB#49	22.55	26.55	33	PASS





Band25	10MHz	64QAM	26640	1RB#24	22.38	26.38	33	PASS
Band25	10MHz	64QAM	26640	1RB#0	22.60	26.6	33	PASS
Band25	10MHz	64QAM	26640	25RB#25	21.45	25.45	33	PASS
Band25	10MHz	64QAM	26640	25RB#0	21.46	25.46	33	PASS
Band25	10MHz	64QAM	26640	25RB#12	21.50	25.5	33	PASS
Band25	10MHz	64QAM	26640	50RB#0	21.51	25.51	33	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.45	26.45	33	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.32	26.32	33	PASS
Band25	10MHz	16QAM	26090	1RB#24	22.39	26.39	33	PASS
Band25	10MHz	16QAM	26090	25RB#25	21.25	25.25	33	PASS
Band25	10MHz	16QAM	26090	25RB#0	21.28	25.28	33	PASS
Band25	10MHz	16QAM	26090	25RB#12	21.30	25.3	33	PASS
Band25	10MHz	16QAM	26090	50RB#0	21.28	25.28	33	PASS
Band25	10MHz	16QAM	26365	1RB#0	22.39	26.39	33	PASS
Band25	10MHz	16QAM	26365	1RB#24	22.22	26.22	33	PASS
Band25	10MHz	16QAM	26365	1RB#49	22.33	26.33	33	PASS
Band25	10MHz	16QAM	26365	25RB#0	21.21	25.21	33	PASS
Band25	10MHz	16QAM	26365	25RB#12	21.20	25.2	33	PASS
Band25	10MHz	16QAM	26365	25RB#25	21.24	25.24	33	PASS
Band25	10MHz	16QAM	26365	50RB#0	21.25	25.25	33	PASS
Band25	10MHz	16QAM	26640	1RB#24	22.24	26.24	33	PASS
Band25	10MHz	16QAM	26640	1RB#49	22.46	26.46	33	PASS
Band25	10MHz	16QAM	26640	1RB#0	22.37	26.37	33	PASS
Band25	10MHz	16QAM	26640	25RB#0	21.12	25.12	33	PASS
Band25	10MHz	16QAM	26640	25RB#12	21.16	25.16	33	PASS
Band25	10MHz	16QAM	26640	25RB#25	21.14	25.14	33	PASS
Band25	10MHz	16QAM	26640	50RB#0	21.12	25.12	33	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.25	27.25	33	PASS
Band25	15MHz	QPSK	26115	1RB#38	23.27	27.27	33	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.36	27.36	33	PASS
Band25	15MHz	QPSK	26115	36RB#39	22.48	26.48	33	PASS
Band25	15MHz	QPSK	26115	36RB#18	22.46	26.46	33	PASS
Band25	15MHz	QPSK	26115	36RB#0	22.43	26.43	33	PASS



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Band25	15MHz	QPSK	26115	75RB#0	22.44	26.44	33	PASS
Band25	15MHz	QPSK	26365	1RB#74	23.31	27.31	33	PASS
Band25	15MHz	QPSK	26365	1RB#0	23.31	27.31	33	PASS
Band25	15MHz	QPSK	26365	1RB#38	23.27	27.27	33	PASS
Band25	15MHz	QPSK	26365	36RB#0	22.37	26.37	33	PASS
Band25	15MHz	QPSK	26365	36RB#39	22.39	26.39	33	PASS
Band25	15MHz	QPSK	26365	36RB#18	22.44	26.44	33	PASS
Band25	15MHz	QPSK	26365	75RB#0	22.39	26.39	33	PASS
Band25	15MHz	QPSK	26615	1RB#38	23.17	27.17	33	PASS
Band25	15MHz	QPSK	26615	1RB#0	23.19	27.19	33	PASS
Band25	15MHz	QPSK	26615	1RB#74	23.18	27.18	33	PASS
Band25	15MHz	QPSK	26615	36RB#39	22.31	26.31	33	PASS
Band25	15MHz	QPSK	26615	36RB#0	22.24	26.24	33	PASS
Band25	15MHz	QPSK	26615	36RB#18	22.28	26.28	33	PASS
Band25	15MHz	QPSK	26615	75RB#0	22.31	26.31	33	PASS
Band25	15MHz	64QAM	26115	1RB#74	22.84	26.84	33	PASS
Band25	15MHz	64QAM	26115	1RB#38	22.73	26.73	33	PASS
Band25	15MHz	64QAM	26115	1RB#0	22.73	26.73	33	PASS
Band25	15MHz	64QAM	26115	36RB#0	21.79	25.79	33	PASS
Band25	15MHz	64QAM	26115	36RB#18	21.80	25.8	33	PASS
Band25	15MHz	64QAM	26115	36RB#39	21.80	25.8	33	PASS
Band25	15MHz	64QAM	26115	75RB#0	21.78	25.78	33	PASS
Band25	15MHz	64QAM	26365	1RB#0	22.90	26.9	33	PASS
Band25	15MHz	64QAM	26365	1RB#38	22.86	26.86	33	PASS
Band25	15MHz	64QAM	26365	1RB#74	22.79	26.79	33	PASS
Band25	15MHz	64QAM	26365	36RB#0	21.70	25.7	33	PASS
Band25	15MHz	64QAM	26365	36RB#18	21.75	25.75	33	PASS
Band25	15MHz	64QAM	26365	36RB#39	21.73	25.73	33	PASS
Band25	15MHz	64QAM	26365	75RB#0	21.77	25.77	33	PASS
Band25	15MHz	64QAM	26615	1RB#38	22.73	26.73	33	PASS
Band25	15MHz	64QAM	26615	1RB#74	22.69	26.69	33	PASS
Band25	15MHz	64QAM	26615	1RB#0	22.74	26.74	33	PASS
Band25	15MHz	64QAM	26615	36RB#0	21.61	25.61	33	PASS



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Band25	15MHz	64QAM	26615	36RB#18	21.68	25.68	33	PASS
Band25	15MHz	64QAM	26615	36RB#39	21.67	25.67	33	PASS
Band25	15MHz	64QAM	26615	75RB#0	21.70	25.7	33	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.56	26.56	33	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.49	26.49	33	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.70	26.7	33	PASS
Band25	15MHz	16QAM	26115	36RB#0	21.43	25.43	33	PASS
Band25	15MHz	16QAM	26115	36RB#18	21.44	25.44	33	PASS
Band25	15MHz	16QAM	26115	36RB#39	21.44	25.44	33	PASS
Band25	15MHz	16QAM	26115	75RB#0	21.47	25.47	33	PASS
Band25	15MHz	16QAM	26365	1RB#38	22.61	26.61	33	PASS
Band25	15MHz	16QAM	26365	1RB#74	22.46	26.46	33	PASS
Band25	15MHz	16QAM	26365	1RB#0	22.62	26.62	33	PASS
Band25	15MHz	16QAM	26365	36RB#0	21.39	25.39	33	PASS
Band25	15MHz	16QAM	26365	36RB#18	21.45	25.45	33	PASS
Band25	15MHz	16QAM	26365	36RB#39	21.41	25.41	33	PASS
Band25	15MHz	16QAM	26365	75RB#0	21.39	25.39	33	PASS
Band25	15MHz	16QAM	26615	1RB#0	22.53	26.53	33	PASS
Band25	15MHz	16QAM	26615	1RB#38	22.53	26.53	33	PASS
Band25	15MHz	16QAM	26615	1RB#74	22.53	26.53	33	PASS
Band25	15MHz	16QAM	26615	36RB#39	21.34	25.34	33	PASS
Band25	15MHz	16QAM	26615	36RB#0	21.31	25.31	33	PASS
Band25	15MHz	16QAM	26615	36RB#18	21.37	25.37	33	PASS
Band25	15MHz	16QAM	26615	75RB#0	21.31	25.31	33	PASS
Band25	20MHz	QPSK	26140	1RB#49	23.27	27.27	33	PASS
Band25	20MHz	QPSK	26140	1RB#99	23.30	27.3	33	PASS
Band25	20MHz	QPSK	26140	1RB#0	23.35	27.35	33	PASS
Band25	20MHz	QPSK	26140	50RB#0	22.46	26.46	33	PASS
Band25	20MHz	QPSK	26140	50RB#25	22.49	26.49	33	PASS
Band25	20MHz	QPSK	26140	50RB#50	22.53	26.53	33	PASS
Band25	20MHz	QPSK	26140	100RB#0	22.46	26.46	33	PASS
Band25	20MHz	QPSK	26365	1RB#99	23.24	27.24	33	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.26	27.26	33	PASS





Band25	20MHz	QPSK	26365	1RB#0	23.26	27.26	33	PASS
Band25	20MHz	QPSK	26365	50RB#25	22.44	26.44	33	PASS
Band25	20MHz	QPSK	26365	50RB#0	22.33	26.33	33	PASS
Band25	20MHz	QPSK	26365	50RB#50	22.40	26.4	33	PASS
Band25	20MHz	QPSK	26365	100RB#0	22.35	26.35	33	PASS
Band25	20MHz	QPSK	26590	1RB#49	23.15	27.15	33	PASS
Band25	20MHz	QPSK	26590	1RB#0	23.13	27.13	33	PASS
Band25	20MHz	QPSK	26590	1RB#99	23.18	27.18	33	PASS
Band25	20MHz	QPSK	26590	50RB#25	22.33	26.33	33	PASS
Band25	20MHz	QPSK	26590	50RB#50	22.32	26.32	33	PASS
Band25	20MHz	QPSK	26590	50RB#0	22.31	26.31	33	PASS
Band25	20MHz	QPSK	26590	100RB#0	22.32	26.32	33	PASS
Band25	20MHz	64QAM	26140	1RB#0	22.87	26.87	33	PASS
Band25	20MHz	64QAM	26140	1RB#49	22.81	26.81	33	PASS
Band25	20MHz	64QAM	26140	1RB#99	22.87	26.87	33	PASS
Band25	20MHz	64QAM	26140	50RB#0	21.79	25.79	33	PASS
Band25	20MHz	64QAM	26140	50RB#25	21.85	25.85	33	PASS
Band25	20MHz	64QAM	26140	50RB#50	21.85	25.85	33	PASS
Band25	20MHz	64QAM	26140	100RB#0	21.77	25.77	33	PASS
Band25	20MHz	64QAM	26365	1RB#99	22.64	26.64	33	PASS
Band25	20MHz	64QAM	26365	1RB#0	22.84	26.84	33	PASS
Band25	20MHz	64QAM	26365	1RB#49	22.83	26.83	33	PASS
Band25	20MHz	64QAM	26365	50RB#25	21.79	25.79	33	PASS
Band25	20MHz	64QAM	26365	50RB#50	21.76	25.76	33	PASS
Band25	20MHz	64QAM	26365	50RB#0	21.71	25.71	33	PASS
Band25	20MHz	64QAM	26365	100RB#0	21.74	25.74	33	PASS
Band25	20MHz	64QAM	26590	1RB#49	22.72	26.72	33	PASS
Band25	20MHz	64QAM	26590	1RB#99	22.70	26.7	33	PASS
Band25	20MHz	64QAM	26590	1RB#0	22.61	26.61	33	PASS
Band25	20MHz	64QAM	26590	50RB#50	21.72	25.72	33	PASS
Band25	20MHz	64QAM	26590	50RB#0	21.62	25.62	33	PASS
Band25	20MHz	64QAM	26590	50RB#25	21.72	25.72	33	PASS
Band25	20MHz	64QAM	26590	100RB#0	21.68	25.68	33	PASS



Band25	20MHz	16QAM	26140	1RB#99	22.58	26.58	33	PASS
Band25	20MHz	16QAM	26140	1RB#0	22.62	26.62	33	PASS
Band25	20MHz	16QAM	26140	1RB#49	22.46	26.46	33	PASS
Band25	20MHz	16QAM	26140	50RB#0	21.42	25.42	33	PASS
Band25	20MHz	16QAM	26140	50RB#25	21.49	25.49	33	PASS
Band25	20MHz	16QAM	26140	50RB#50	21.49	25.49	33	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.41	25.41	33	PASS
Band25	20MHz	16QAM	26365	1RB#99	22.35	26.35	33	PASS
Band25	20MHz	16QAM	26365	1RB#49	22.54	26.54	33	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.62	26.62	33	PASS
Band25	20MHz	16QAM	26365	50RB#25	21.41	25.41	33	PASS
Band25	20MHz	16QAM	26365	50RB#0	21.37	25.37	33	PASS
Band25	20MHz	16QAM	26365	50RB#50	21.42	25.42	33	PASS
Band25	20MHz	16QAM	26365	100RB#0	21.39	25.39	33	PASS
Band25	20MHz	16QAM	26590	1RB#99	22.47	26.47	33	PASS
Band25	20MHz	16QAM	26590	1RB#49	22.53	26.53	33	PASS
Band25	20MHz	16QAM	26590	1RB#0	22.43	26.43	33	PASS
Band25	20MHz	16QAM	26590	50RB#50	21.38	25.38	33	PASS
Band25	20MHz	16QAM	26590	50RB#25	21.38	25.38	33	PASS
Band25	20MHz	16QAM	26590	50RB#0	21.28	25.28	33	PASS
Band25	20MHz	16QAM	26590	100RB#0	21.35	25.35	33	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBi]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2 5	20MHz	QPSK	26140	100RB#0	4.52	13	PASS
Band2 5	20MHz	QPSK	26365	100RB#0	4.70	13	PASS
Band2 5	20MHz	QPSK	26590	100RB#0	4.96	13	PASS
Band2 5	20MHz	64QAM	26140	100RB#0	5.83	13	PASS
Band2 5	20MHz	64QAM	26365	100RB#0	6.17	13	PASS
Band2 5	20MHz	64QAM	26590	100RB#0	6.29	13	PASS
Band2 5	20MHz	16QAM	26140	100RB#0	5.48	13	PASS
Band2 5	20MHz	16QAM	26365	100RB#0	5.68	13	PASS
Band2 5	20MHz	16QAM	26590	100RB#0	5.97	13	PASS

2.2. Test Plots

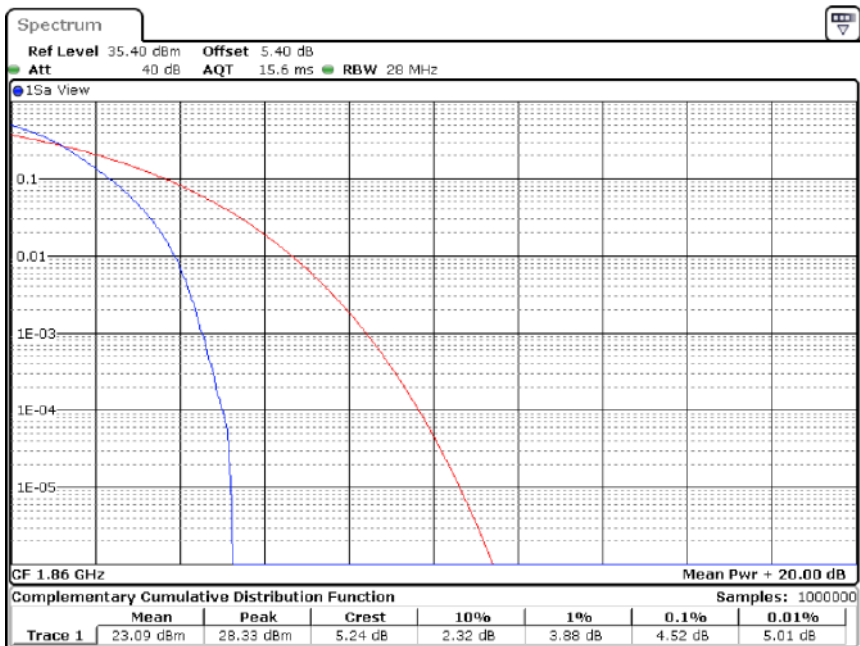
Band25-20MHz-QPSK-26140-100RB#0



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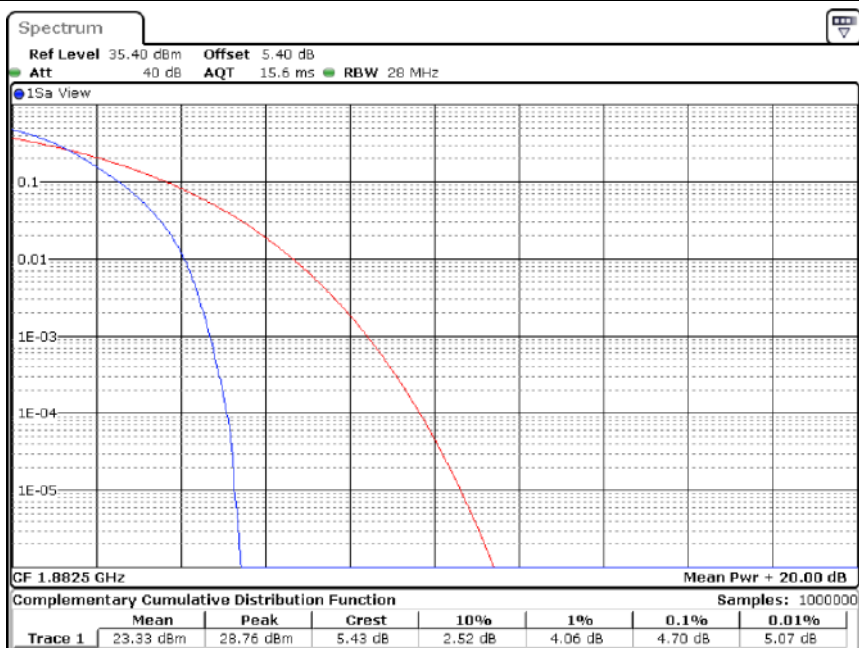
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Date: 16 JUL 2020 03:30:58

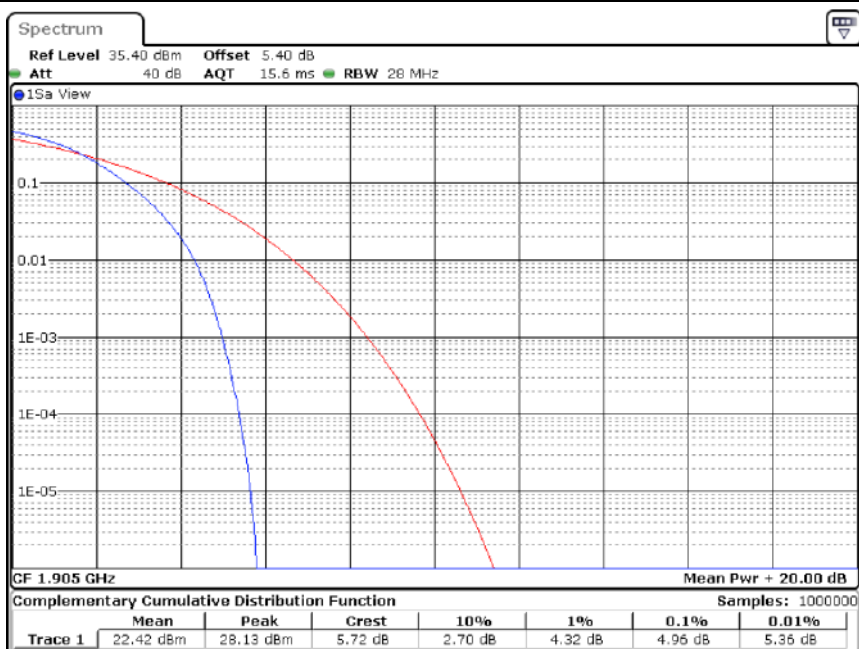


Band25-20MHz-QPSK-26365-100RB#0



Date: 16 JUL 2020 03:31:20

Band25-20MHz-QPSK-26590-100RB#0



Date: 16 JUL 2020 03:31:43



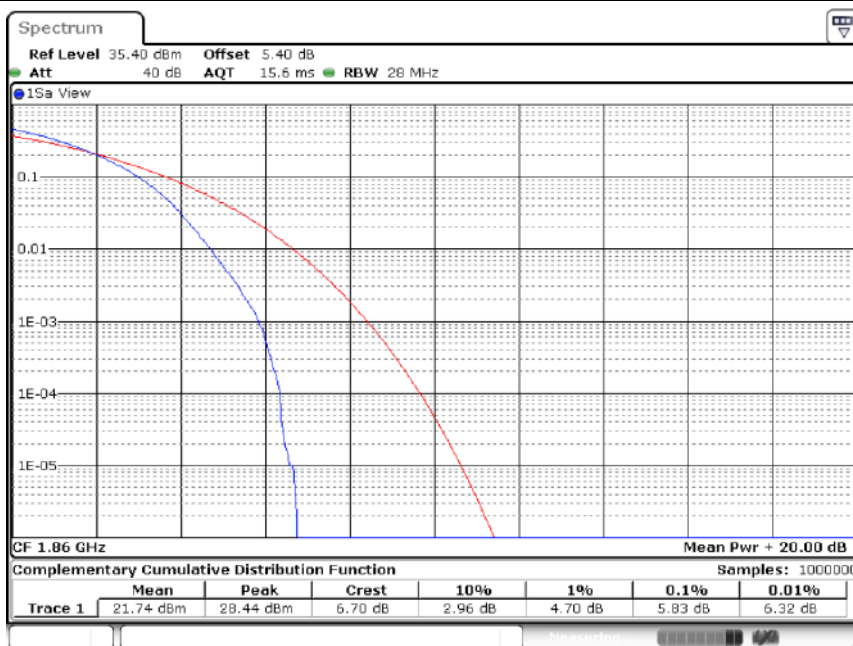
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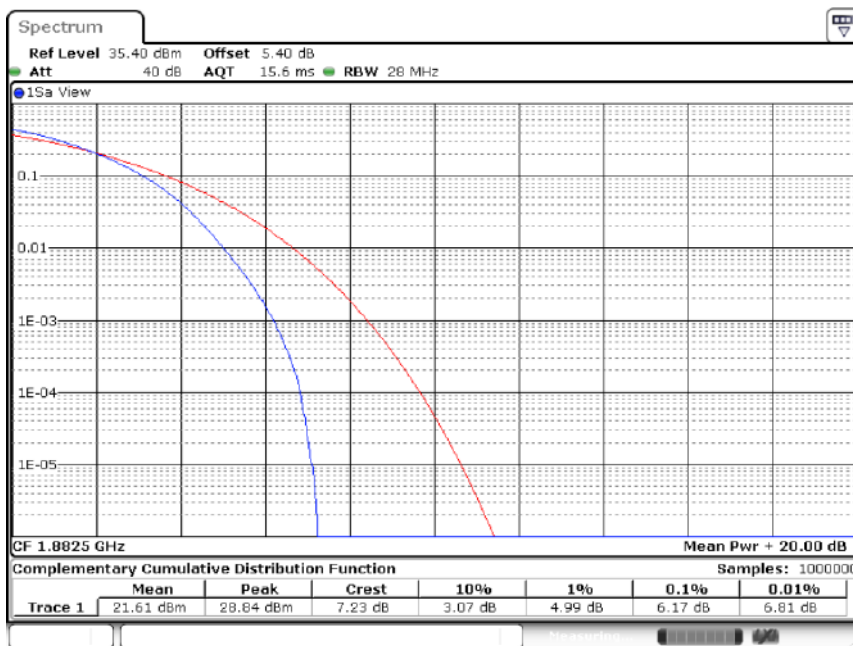
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Band25-20MHz-64QAM-26140-100RB#0



Date: 11 AUG 2020 09:22:25

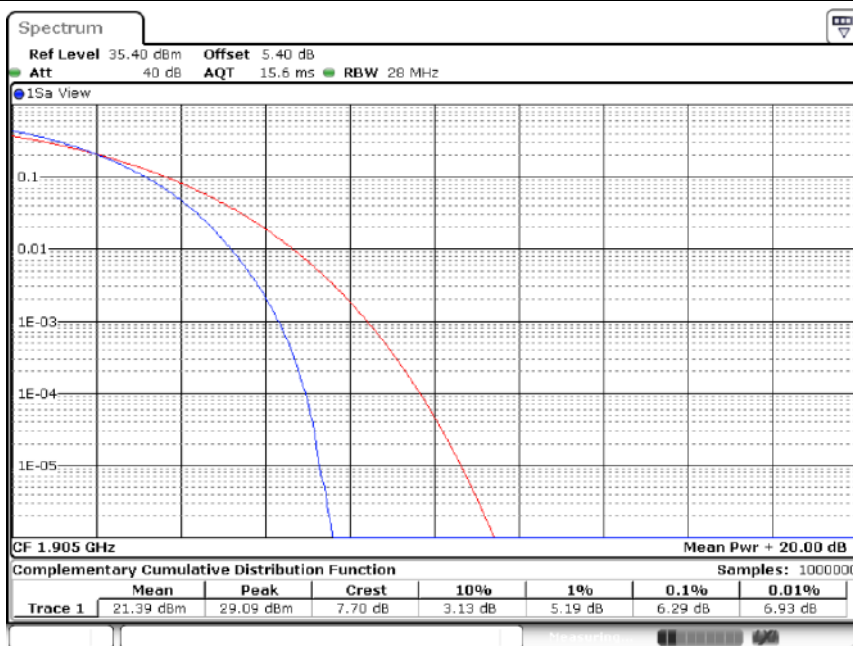
Band25-20MHz-64QAM-26365-100RB#0



Date: 11 AUG 2020 09:22:37

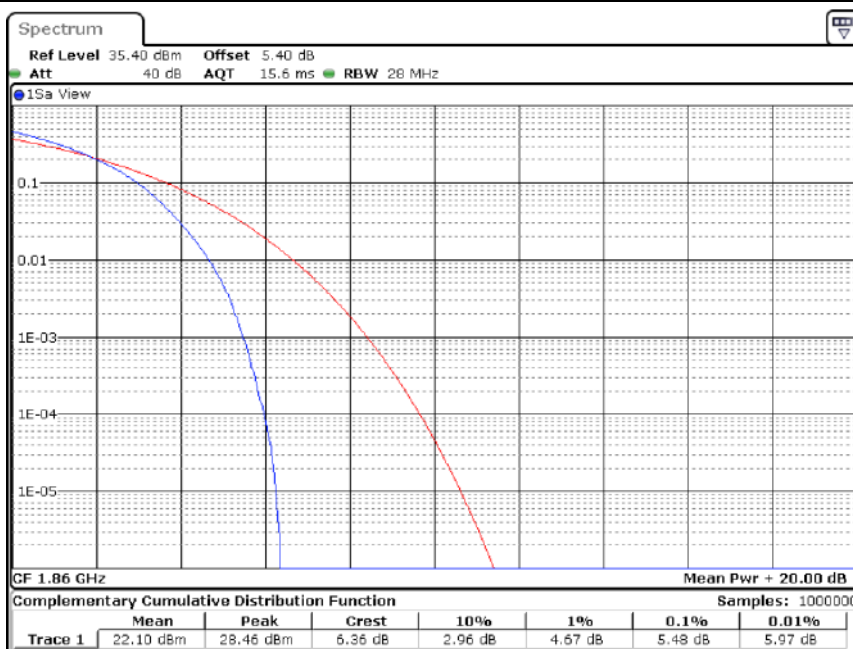


Band25-20MHz-64QAM-26590-100RB#0



Date: 11 AUG 2020 09:22:48

Band25-20MHz-16QAM-26140-100RB#0



Date: 16 JUL 2020 03:31:09

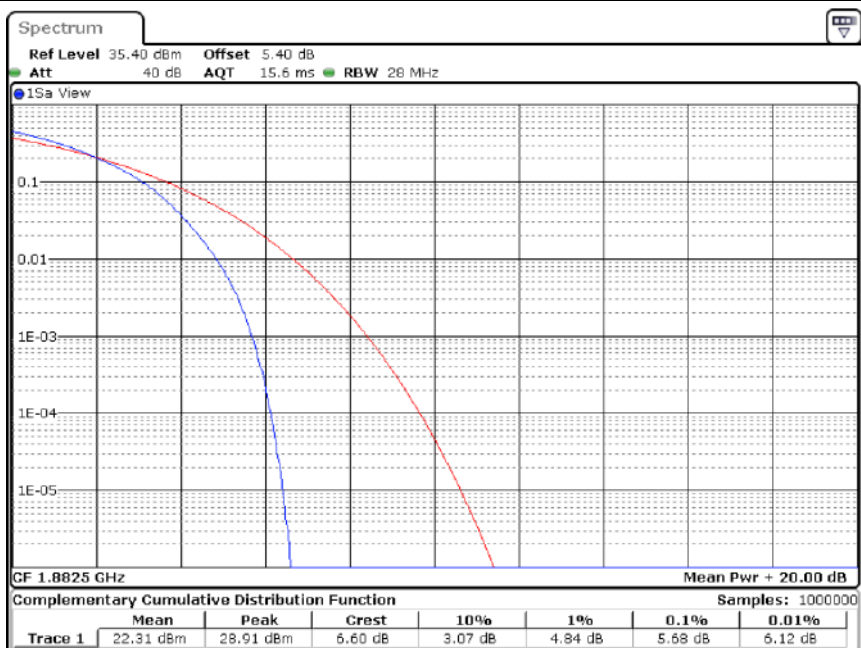


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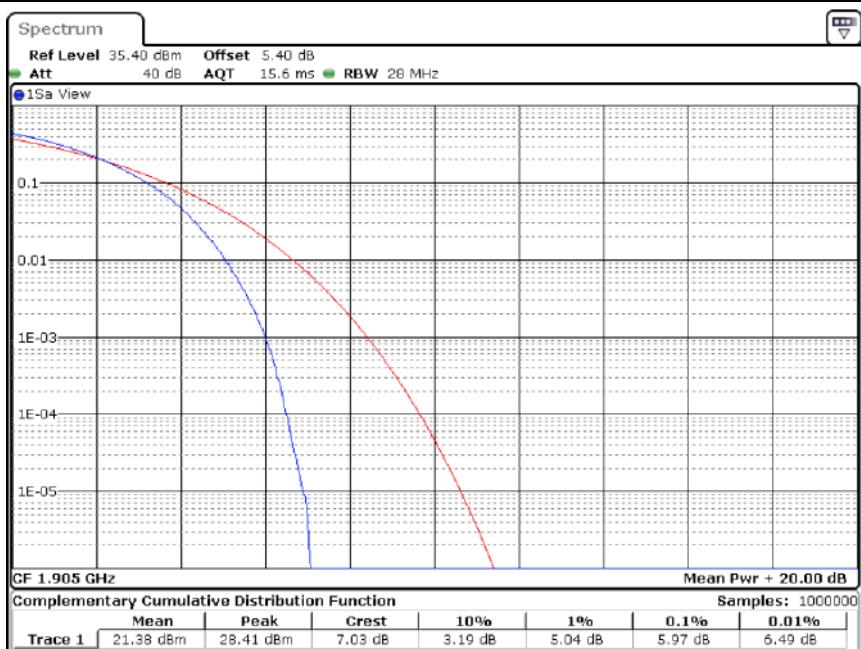
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Band25-20MHz-16QAM-26365-100RB#0



Date: 16 JUL 2020 03:31:31

Band25-20MHz-16QAM-26590-100RB#0



Date: 16 JUL 2020 03:31:54



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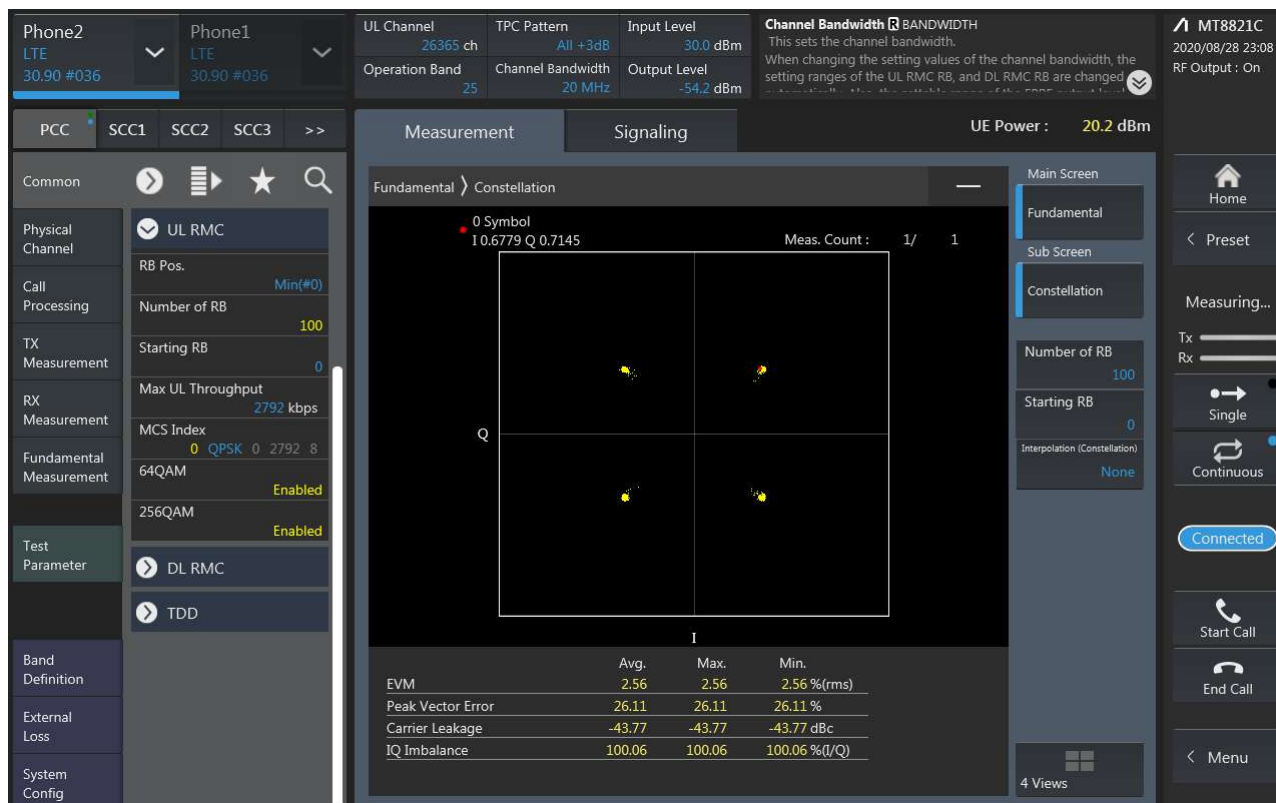
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

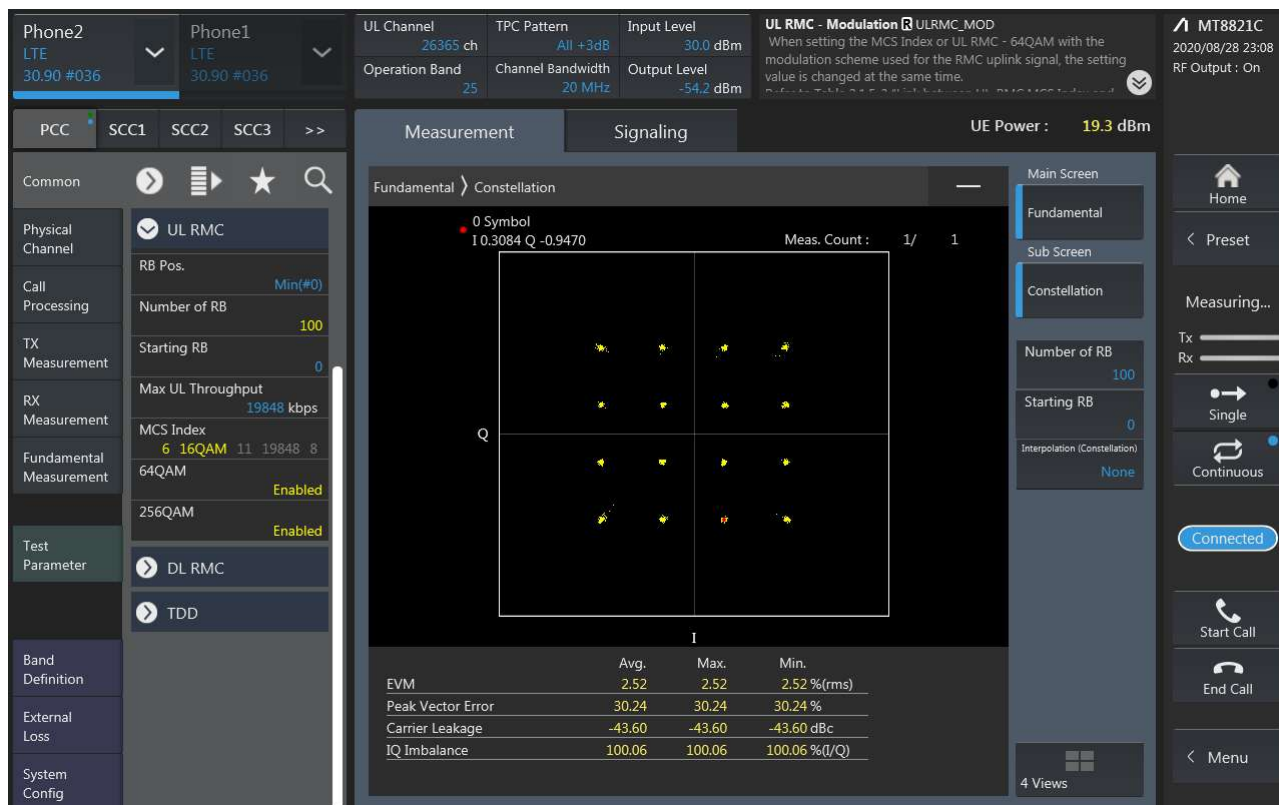
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

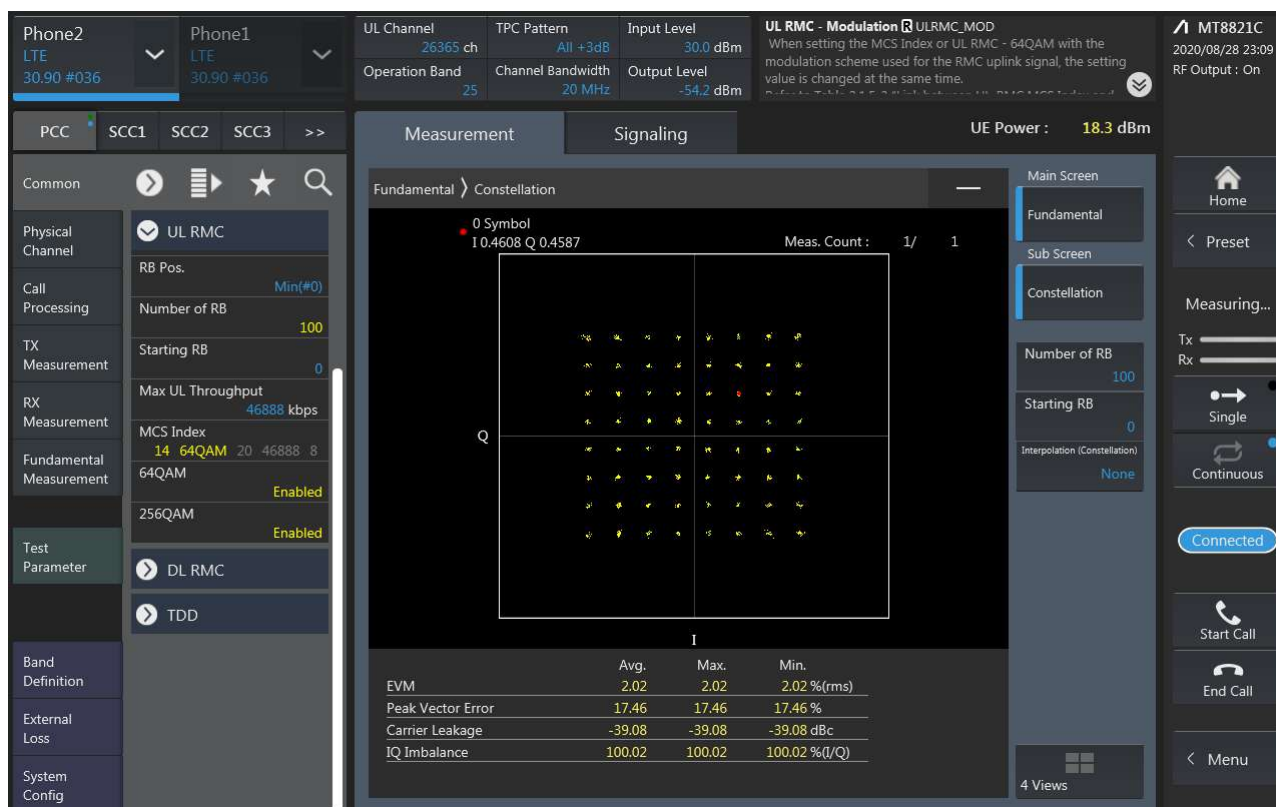
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2 5	1.4MHz	QPSK	26047	6RB#0	1.088	1.233	PASS
Band2 5	1.4MHz	QPSK	26365	6RB#0	1.088	1.236	PASS
Band2 5	1.4MHz	QPSK	26683	6RB#0	1.091	1.239	PASS
Band2 5	1.4MHz	64QAM	26047	6RB#0	1.094	1.245	PASS
Band2 5	1.4MHz	64QAM	26365	6RB#0	1.094	1.245	PASS
Band2 5	1.4MHz	64QAM	26683	6RB#0	1.097	1.248	PASS
Band2 5	1.4MHz	16QAM	26047	6RB#0	1.085	1.239	PASS
Band2 5	1.4MHz	16QAM	26365	6RB#0	1.085	1.239	PASS
Band2 5	1.4MHz	16QAM	26683	6RB#0	1.088	1.239	PASS
Band2 5	3MHz	QPSK	26055	15RB#0	2.697	3.006	PASS
Band2 5	3MHz	QPSK	26365	15RB#0	2.697	3.000	PASS
Band2 5	3MHz	QPSK	26675	15RB#0	2.697	2.994	PASS
Band2 5	3MHz	64QAM	26055	15RB#0	2.691	3.006	PASS
Band2 5	3MHz	64QAM	26365	15RB#0	2.685	2.994	PASS
Band2 5	3MHz	64QAM	26675	15RB#0	2.691	2.988	PASS
Band2 5	3MHz	16QAM	26055	15RB#0	2.685	2.982	PASS



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5							
Band2 5	3MHz	16QAM	26365	15RB#0	2.685	2.970	PASS
Band2 5	3MHz	16QAM	26675	15RB#0	2.691	2.988	PASS
Band2 5	5MHz	QPSK	26065	25RB#0	4.466	4.890	PASS
Band2 5	5MHz	QPSK	26365	25RB#0	4.476	4.890	PASS
Band2 5	5MHz	QPSK	26665	25RB#0	4.466	4.900	PASS
Band2 5	5MHz	64QAM	26065	25RB#0	4.476	4.880	PASS
Band2 5	5MHz	64QAM	26365	25RB#0	4.466	4.890	PASS
Band2 5	5MHz	64QAM	26665	25RB#0	4.466	4.870	PASS
Band2 5	5MHz	16QAM	26065	25RB#0	4.486	4.900	PASS
Band2 5	5MHz	16QAM	26365	25RB#0	4.486	4.920	PASS
Band2 5	5MHz	16QAM	26665	25RB#0	4.476	4.890	PASS
Band2 5	10MHz	QPSK	26090	50RB#0	8.911	9.700	PASS
Band2 5	10MHz	QPSK	26365	50RB#0	8.931	9.700	PASS
Band2 5	10MHz	QPSK	26640	50RB#0	8.911	9.660	PASS
Band2 5	10MHz	64QAM	26090	50RB#0	8.911	9.660	PASS
Band2 5	10MHz	64QAM	26365	50RB#0	8.931	9.640	PASS
Band2 5	10MHz	64QAM	26640	50RB#0	8.911	9.540	PASS
Band2 5	10MHz	16QAM	26090	50RB#0	8.931	9.680	PASS
Band2 5	10MHz	16QAM	26365	50RB#0	8.931	9.680	PASS



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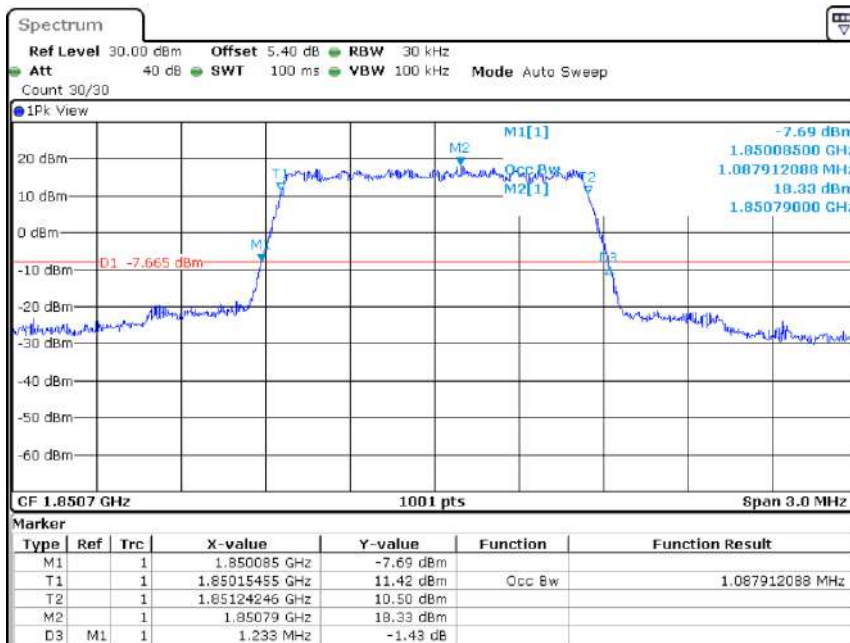


Band2 5	10MHz	16QAM	26640	50RB#0	8.911	9.640	PASS
Band2 5	15MHz	QPSK	26115	75RB#0	13.457	14.760	PASS
Band2 5	15MHz	QPSK	26365	75RB#0	13.457	14.730	PASS
Band2 5	15MHz	QPSK	26615	75RB#0	13.397	14.700	PASS
Band2 5	15MHz	64QAM	26115	75RB#0	13.457	14.850	PASS
Band2 5	15MHz	64QAM	26365	75RB#0	13.457	14.760	PASS
Band2 5	15MHz	64QAM	26615	75RB#0	13.397	14.790	PASS
Band2 5	15MHz	16QAM	26115	75RB#0	13.427	14.700	PASS
Band2 5	15MHz	16QAM	26365	75RB#0	13.457	14.700	PASS
Band2 5	15MHz	16QAM	26615	75RB#0	13.397	14.700	PASS
Band2 5	20MHz	QPSK	26140	100RB#0	17.862	19.520	PASS
Band2 5	20MHz	QPSK	26365	100RB#0	17.902	19.520	PASS
Band2 5	20MHz	QPSK	26590	100RB#0	17.902	19.400	PASS
Band2 5	20MHz	64QAM	26140	100RB#0	17.862	19.440	PASS
Band2 5	20MHz	64QAM	26365	100RB#0	17.862	19.440	PASS
Band2 5	20MHz	64QAM	26590	100RB#0	17.862	19.360	PASS
Band2 5	20MHz	16QAM	26140	100RB#0	17.862	19.400	PASS
Band2 5	20MHz	16QAM	26365	100RB#0	17.902	19.360	PASS
Band2 5	20MHz	16QAM	26590	100RB#0	17.862	19.440	PASS



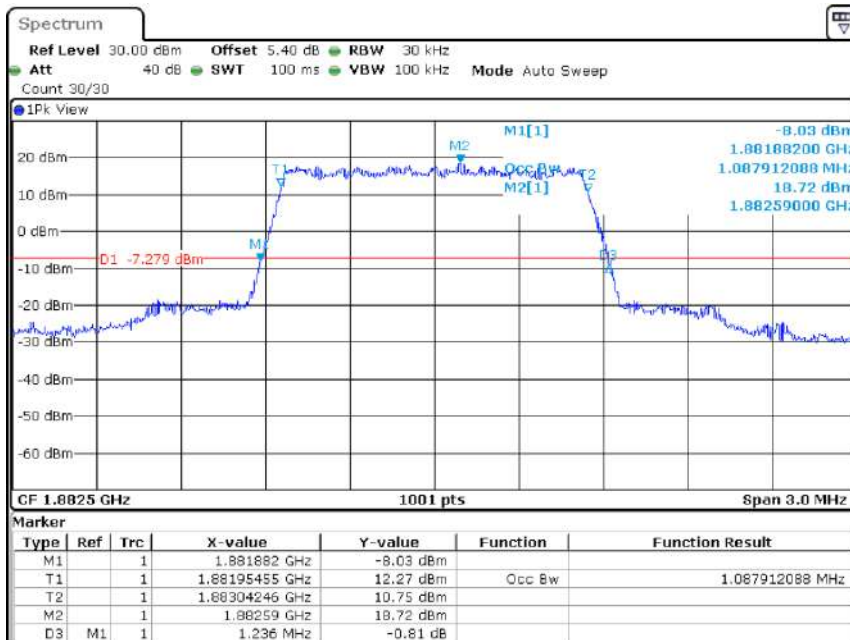
4.2. Test Plots

Band25-1.4MHz-QPSK-26047-6RB#0-1.088



Date: 16 JUL 2020 02:33:07

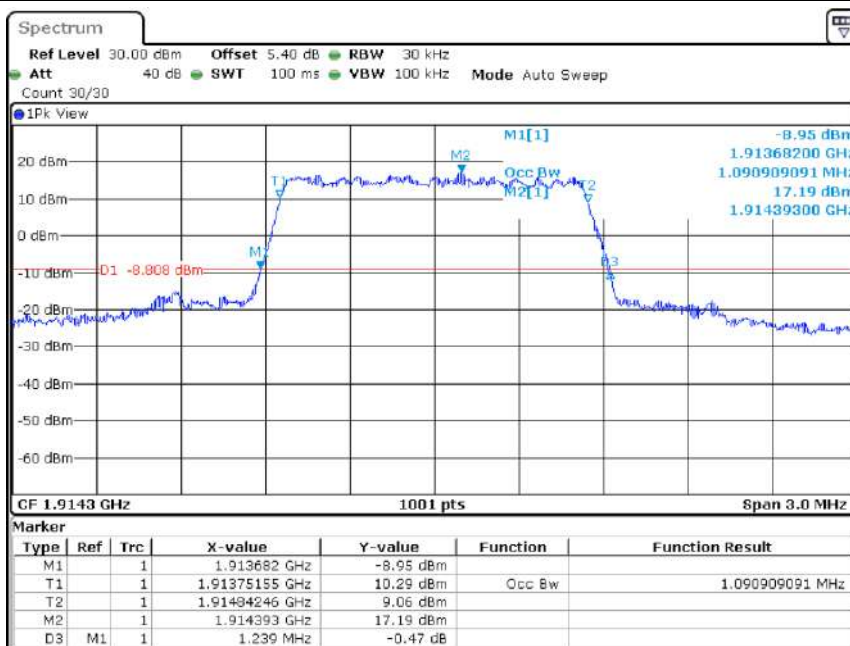
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Date: 16 JUL 2020 02:33:32

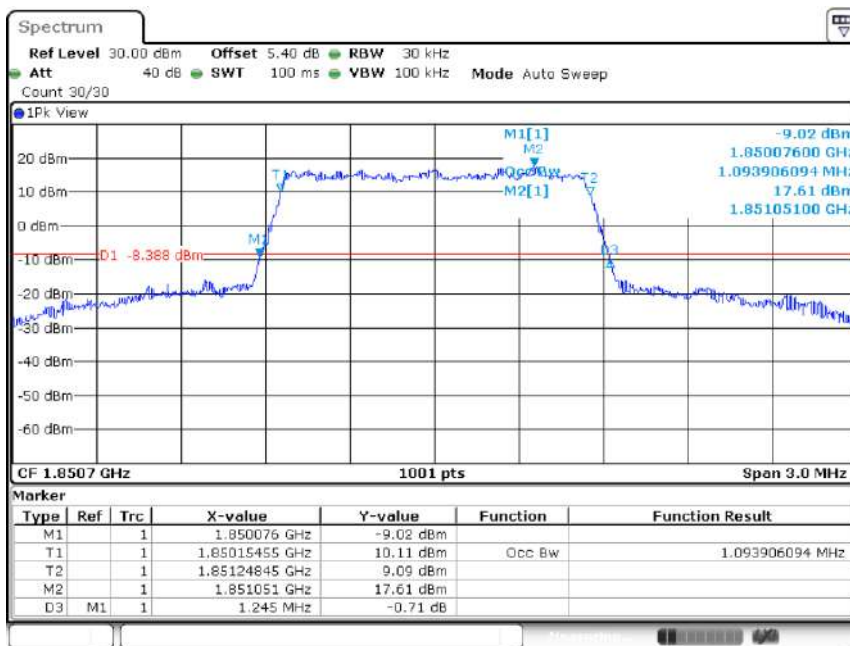


Band25-1.4MHz-QPSK-26683-6RB#0-1.091



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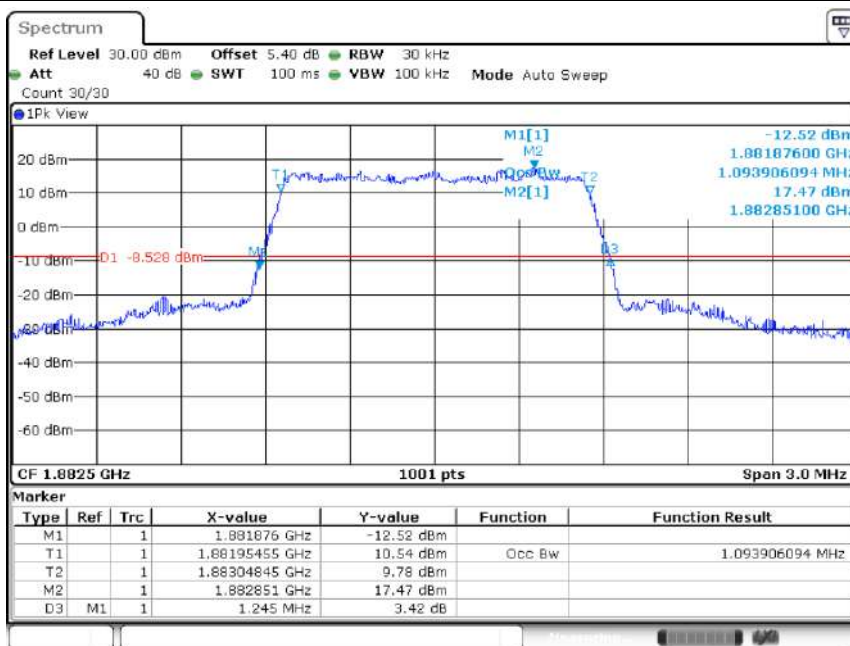
Band25-1.4MHz-64QAM-26047-6RB#0-1.094



Date: 11 AUG 2020 09:06:08

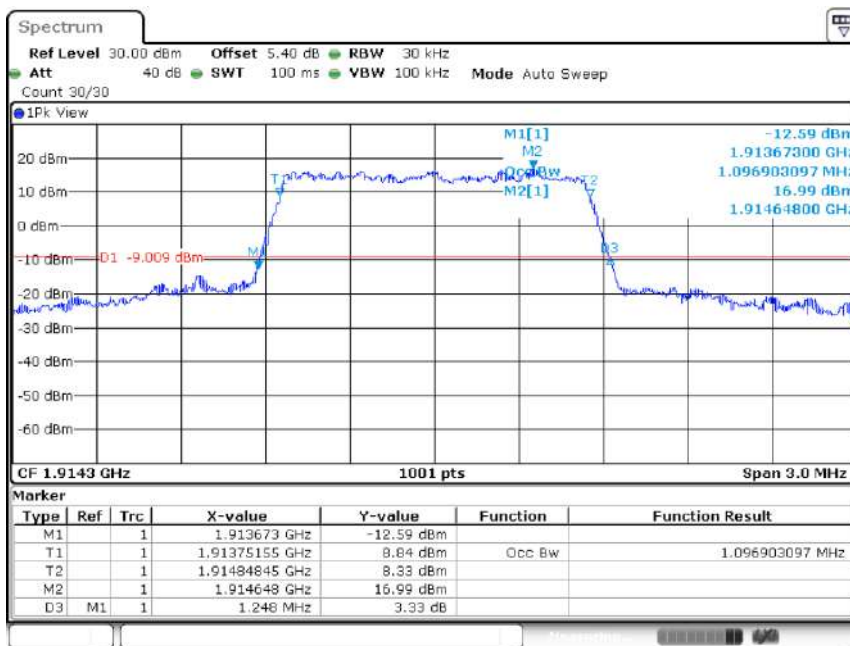


Band25-1.4MHz-64QAM-26365-6RB#0-1.094



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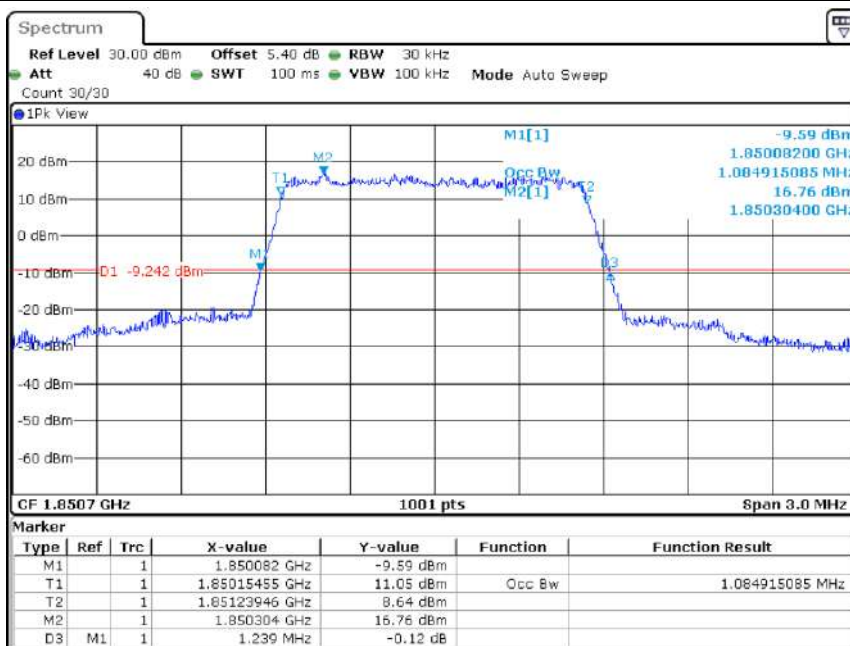
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Date: 11 AUG 2020 09:06:34

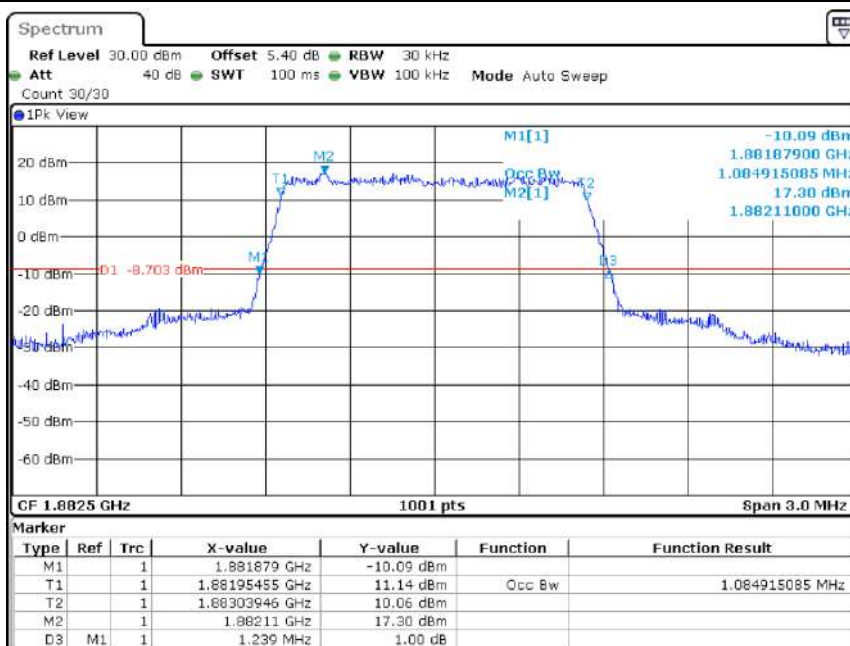


Band25-1.4MHz-16QAM-26047-6RB#0-1.085



Date: 16 JUL 2020 02:33:20

Band25-1.4MHz-16QAM-26365-6RB#0-1.085



Date: 16 JUL 2020 02:33:45



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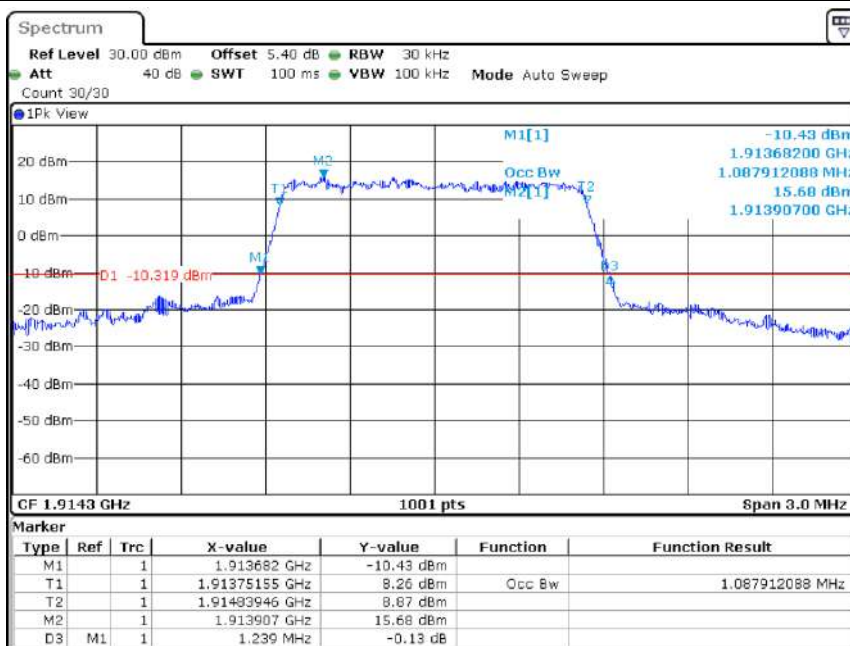
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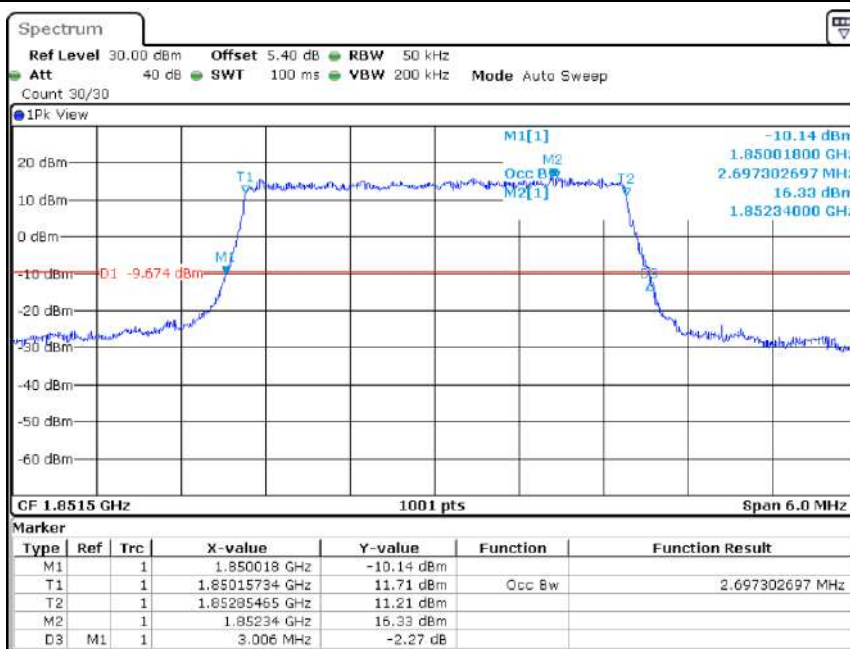
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Band25-1.4MHz-16QAM-26683-6RB#0-1.088



Date: 16 JUL 2020 02:34:11

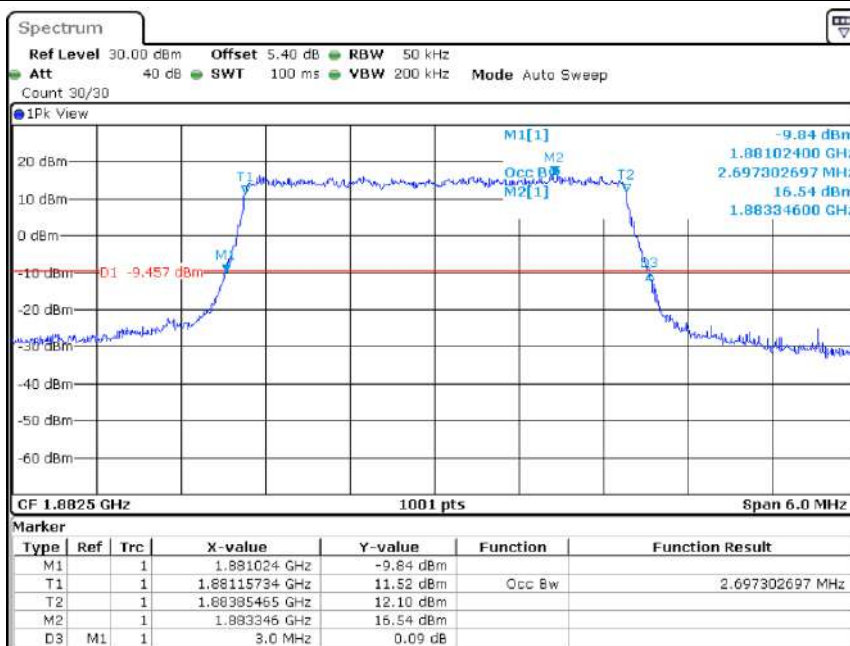
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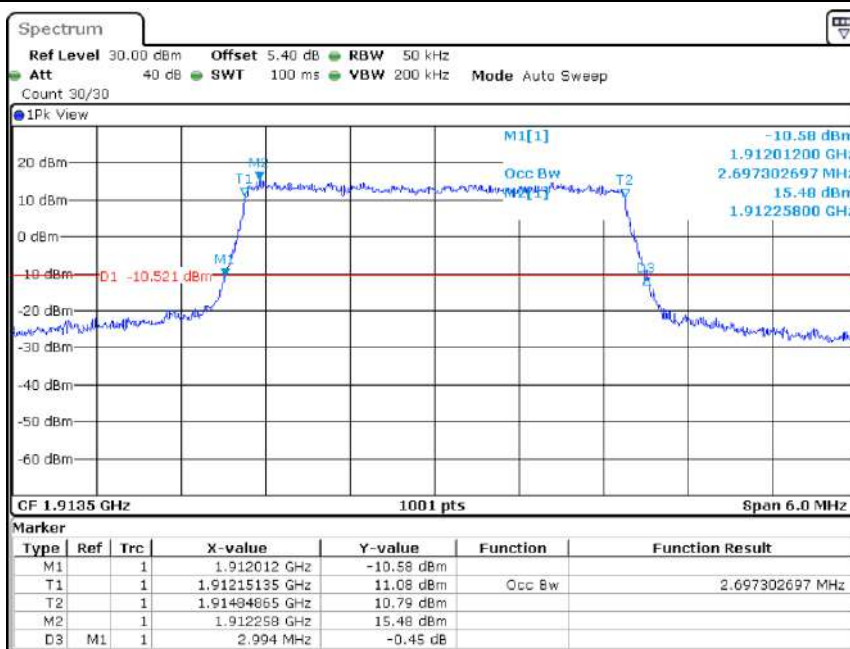


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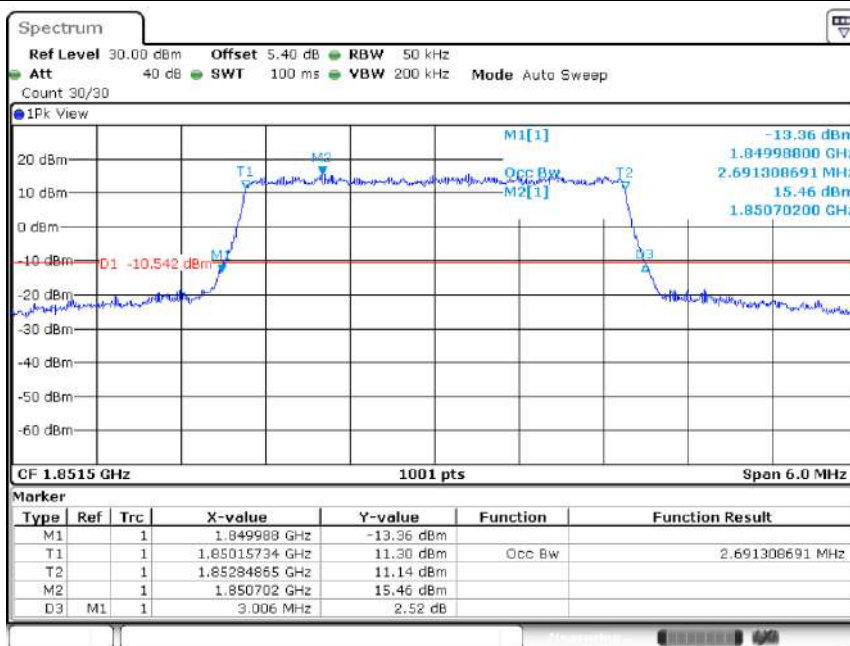
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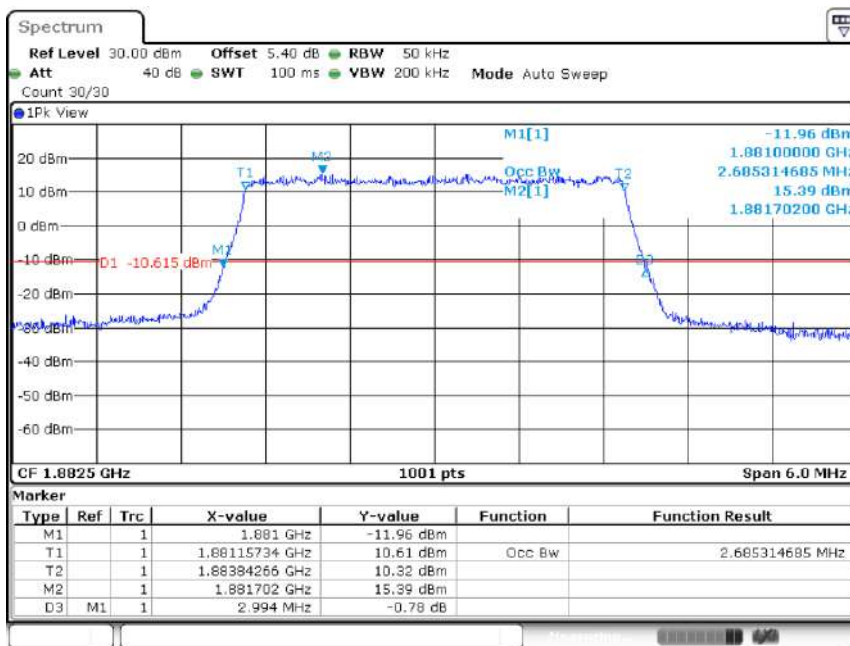


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Date: 11 AUG 2020 09:06:58

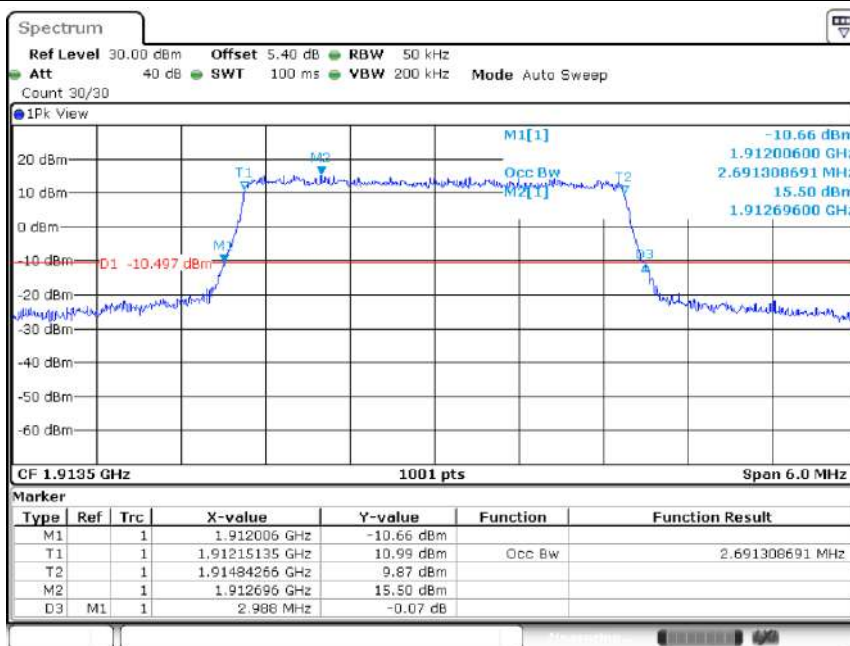
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Date: 11 AUG 2020 09:07:11

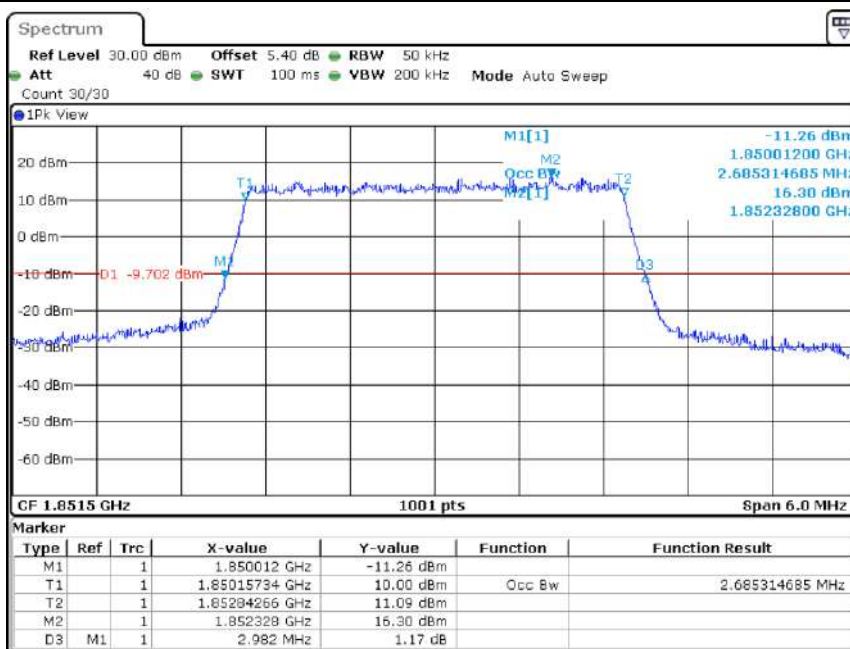


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Date: 11 AUG 2020 09:07:24

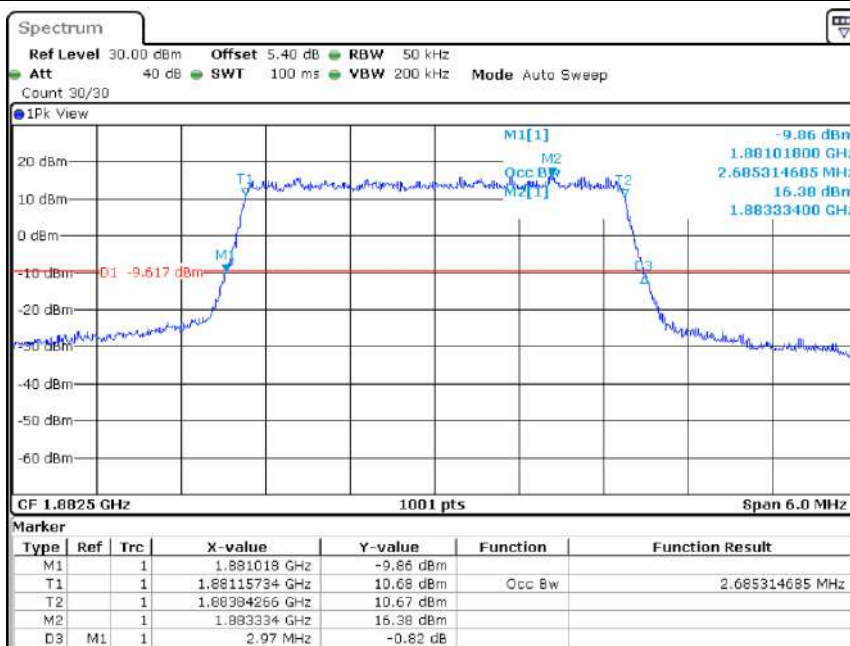
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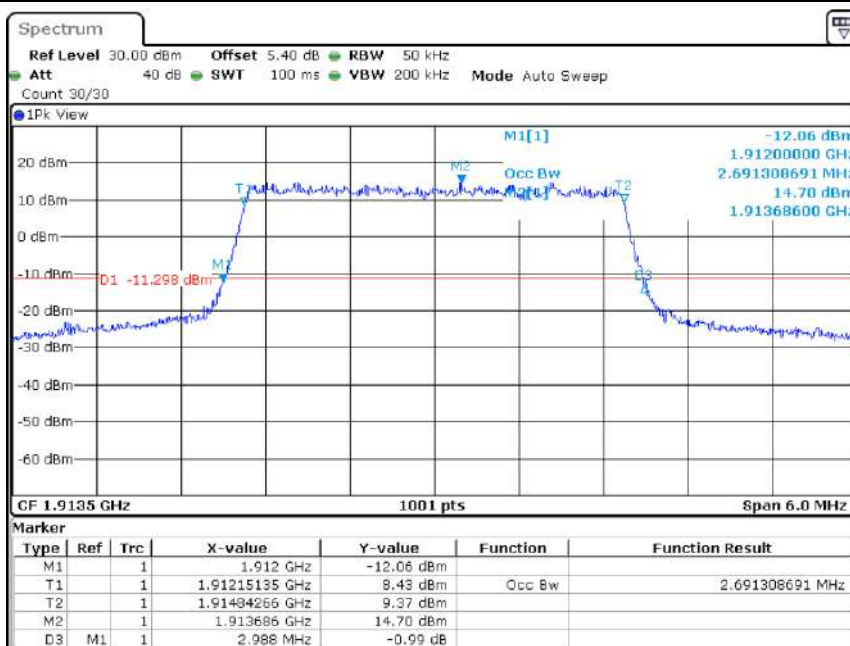


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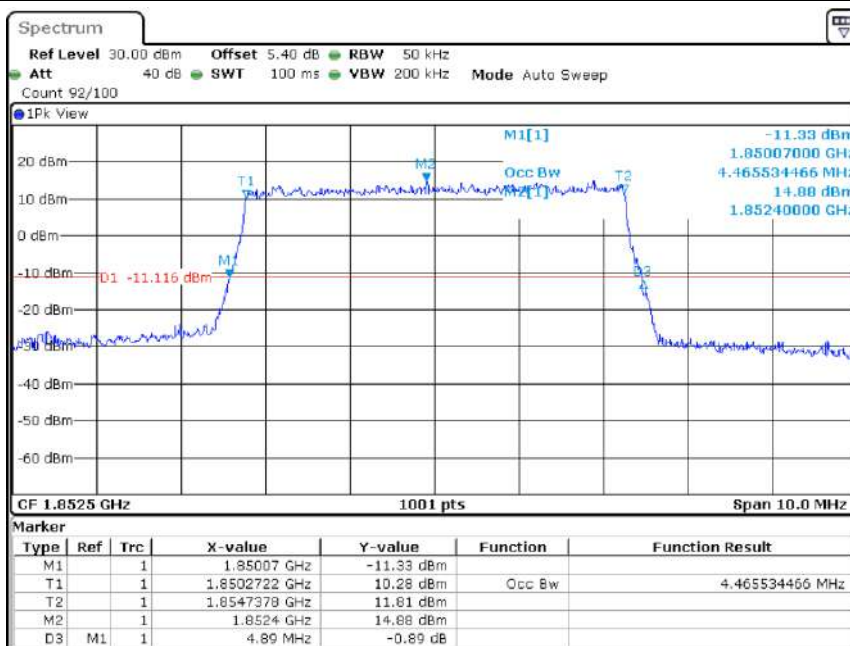
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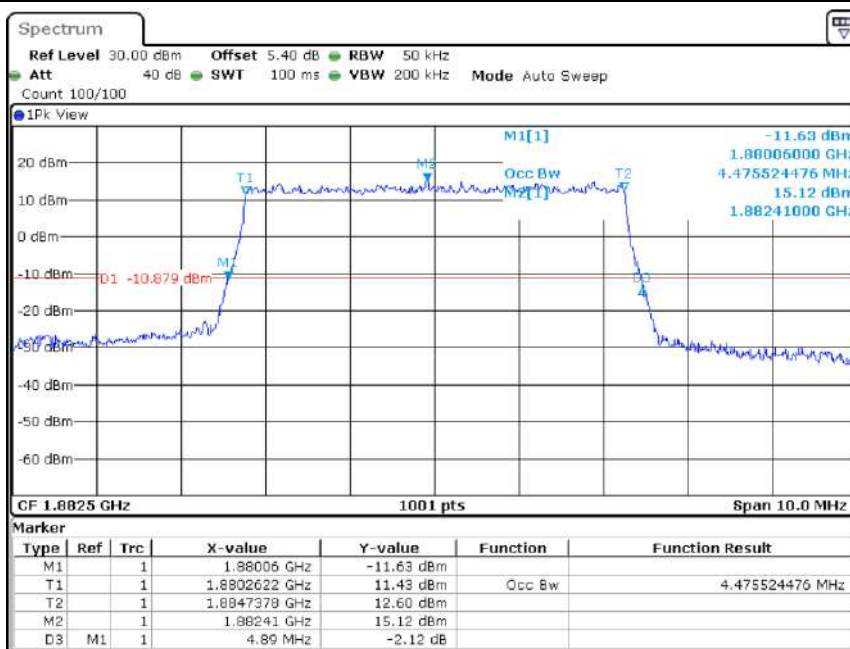


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Date: 16 JUL 2020 02:44:48

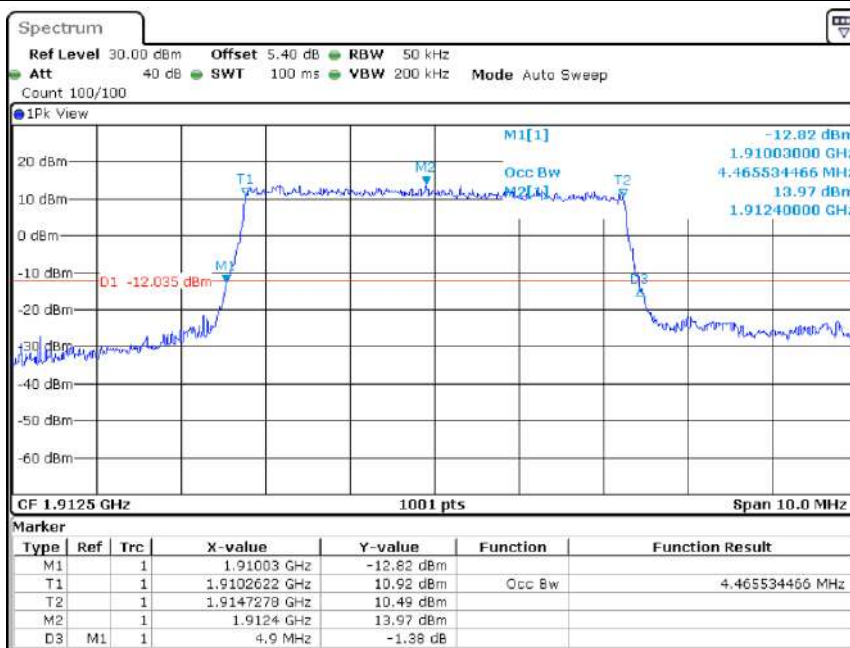
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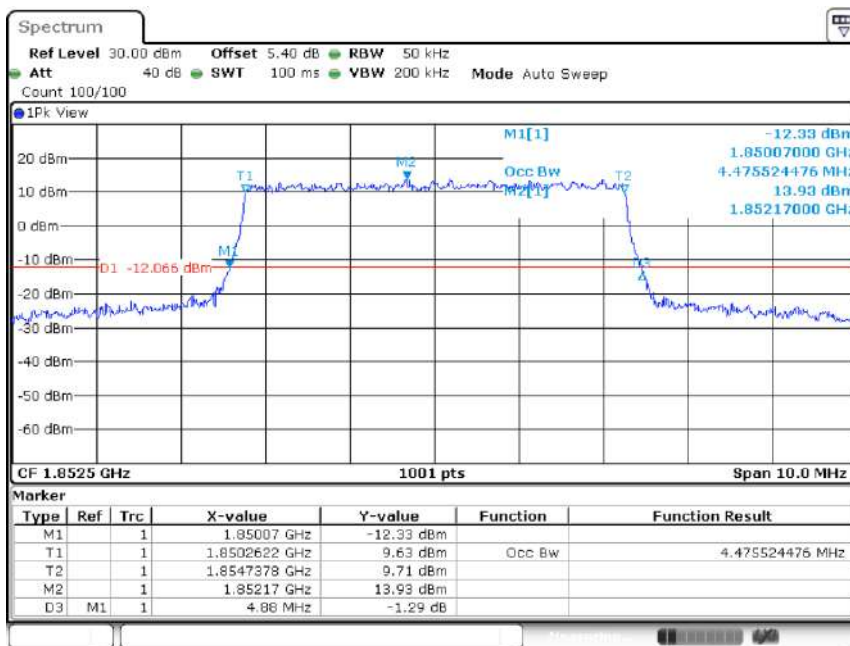


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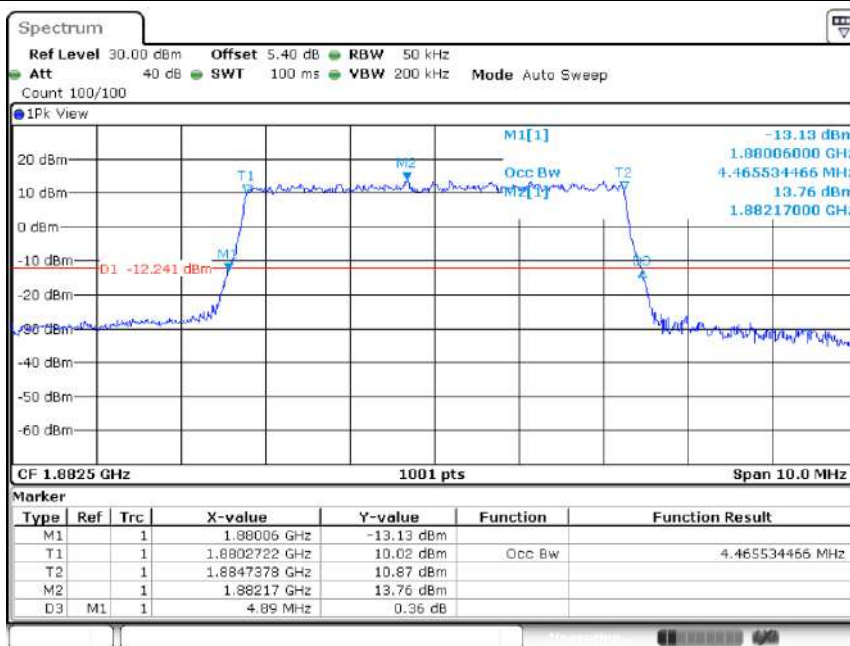
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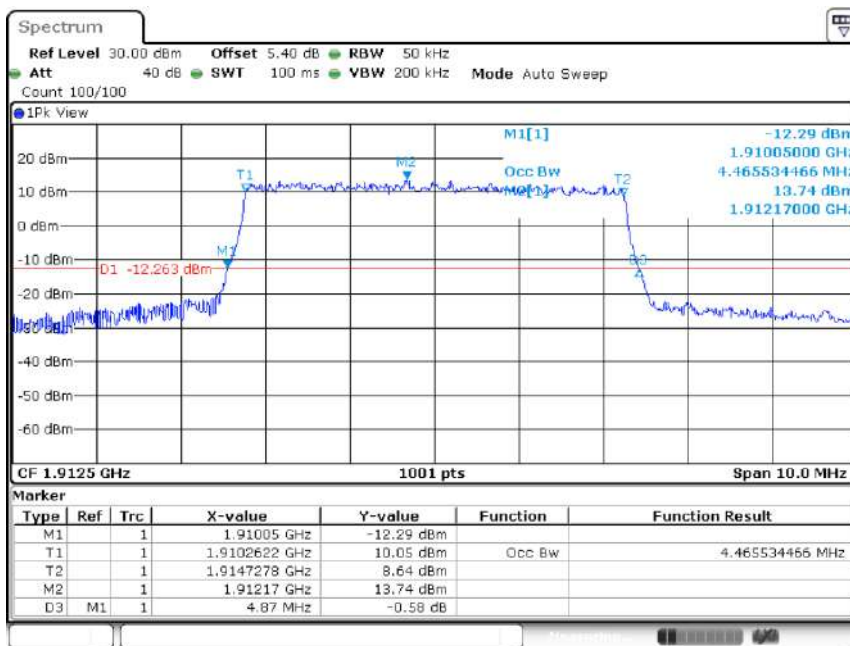


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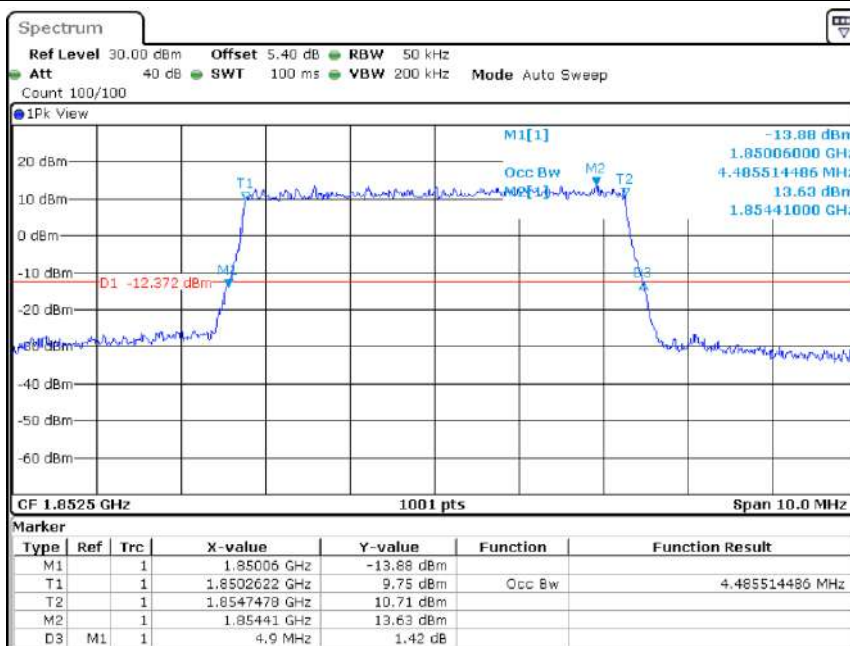
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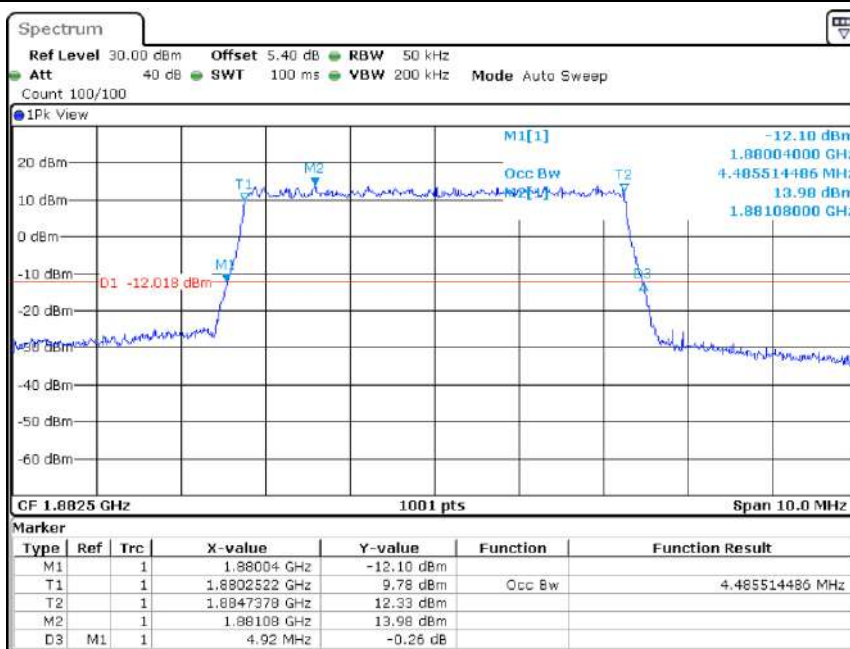


Band25-5MHz-16QAM-26065-25RB#0-4.486



Date: 16 JUL 2020 02:45:08

Band25-5MHz-16QAM-26365-25RB#0-4.486



Date: 16 JUL 2020 02:45:47



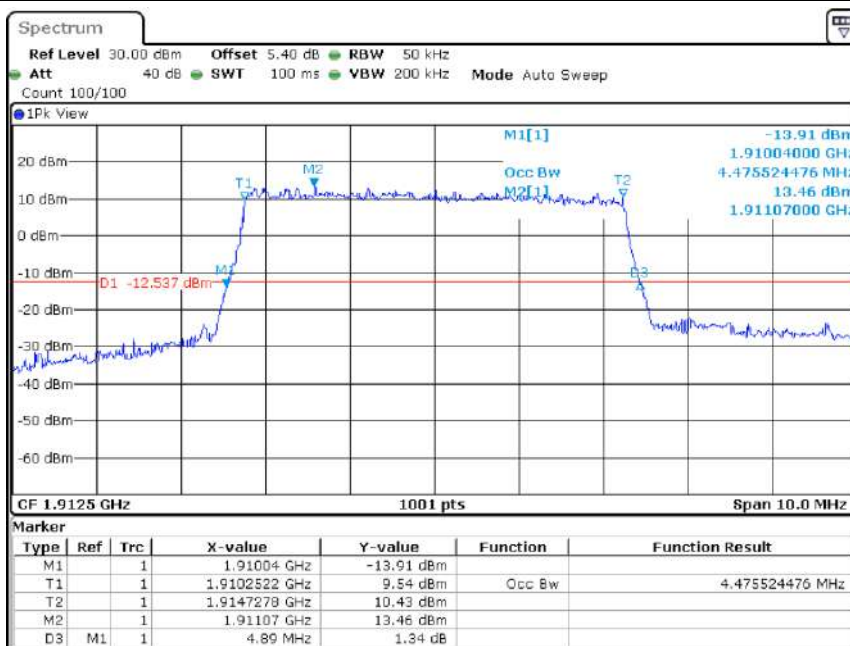
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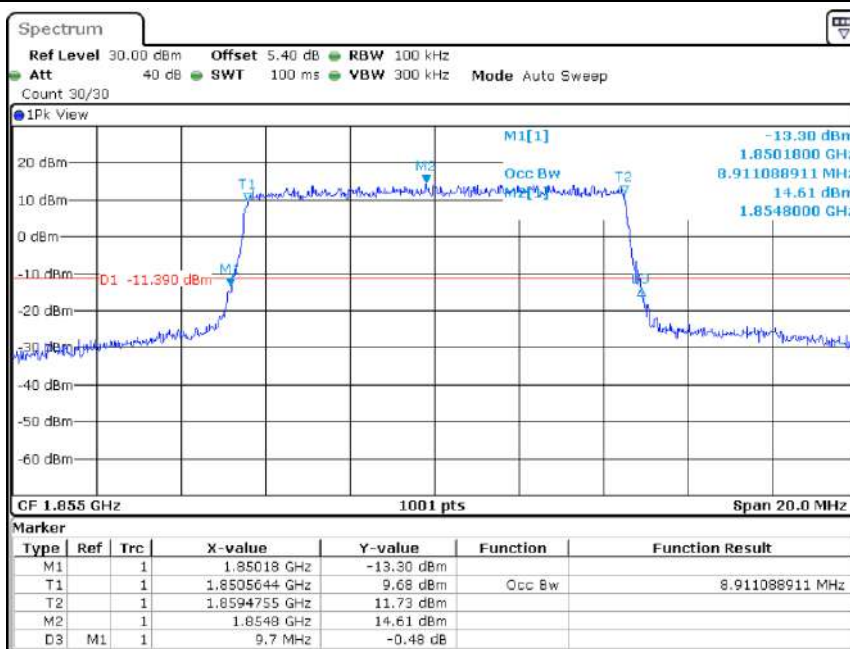
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Band25-5MHz-16QAM-26665-25RB#0-4.476



Date: 16 JUL 2020 02:46:27

Band25-10MHz-QPSK-26090-50RB#0-8.911



Date: 16 JUL 2020 02:49:19



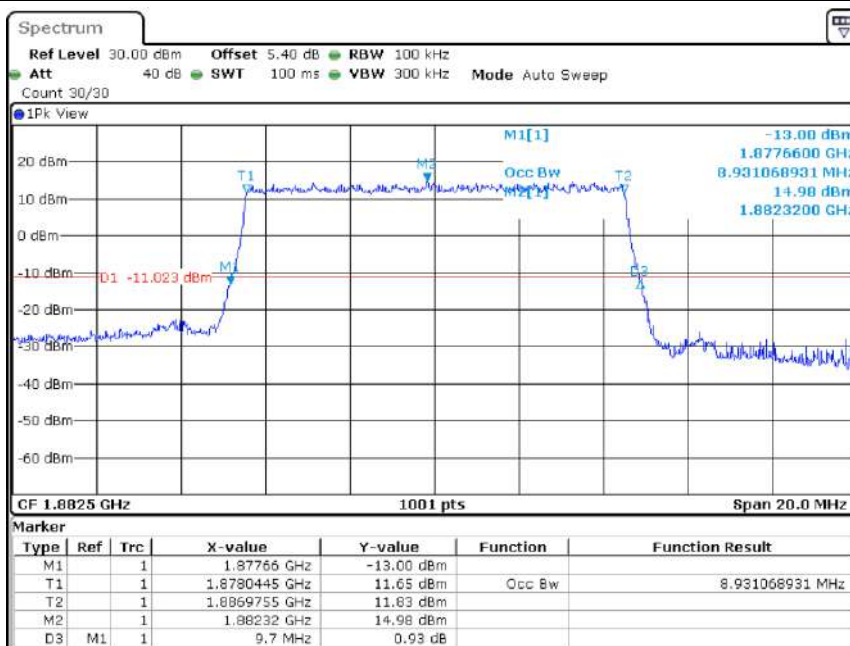
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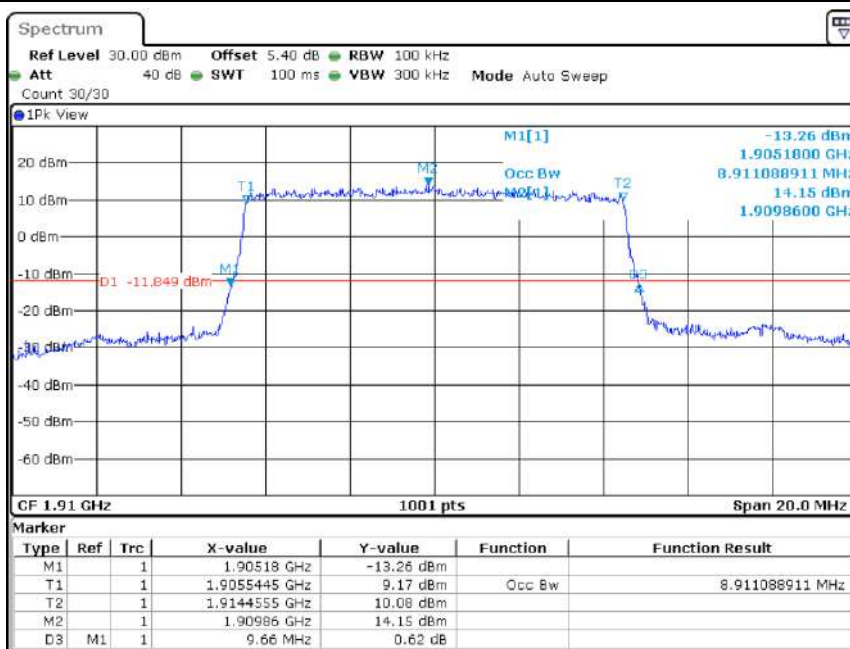
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Band25-10MHz-QPSK-26365-50RB#0-8.931



Date: 16 JUL 2020 02:49:44

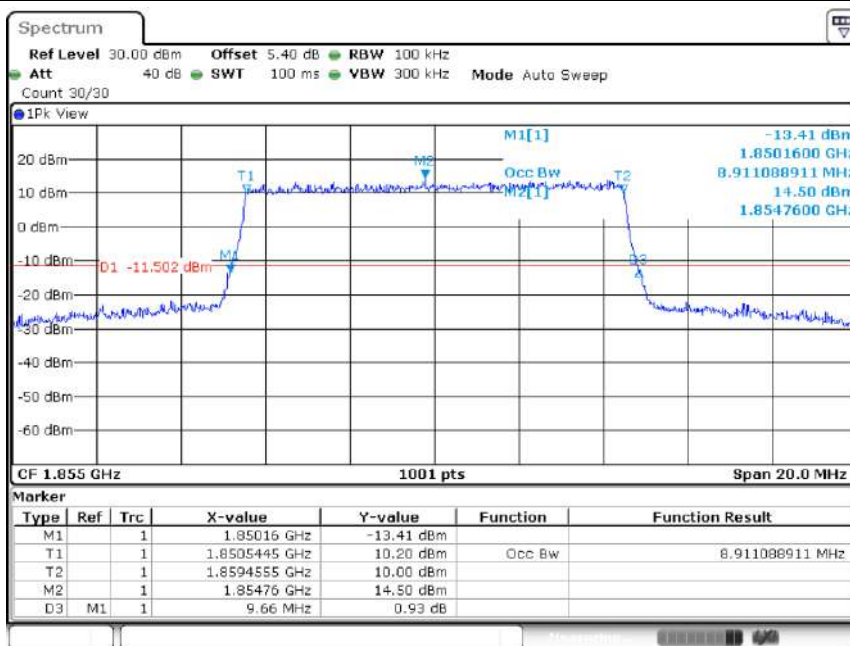
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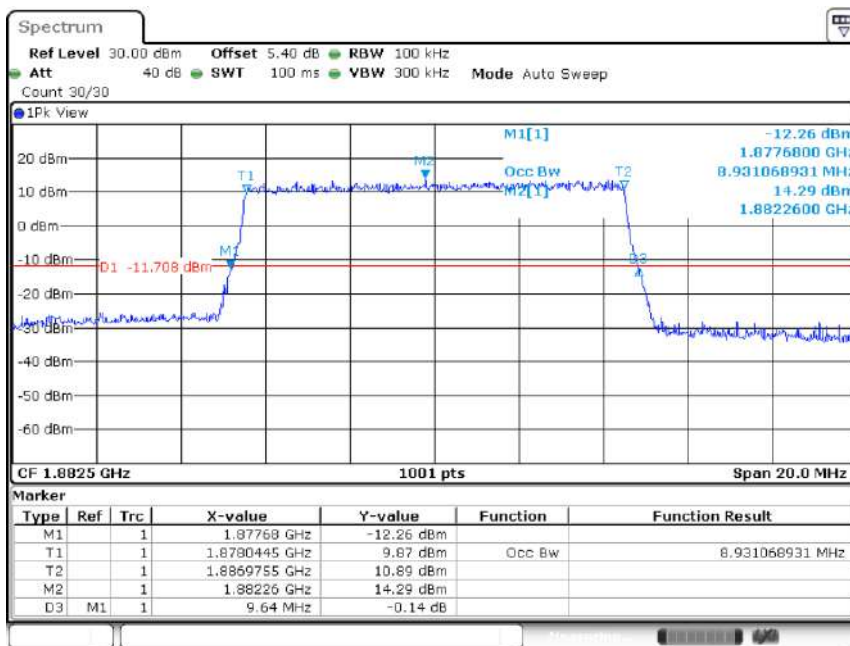


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Date: 11 AUG 2020 09:08:50

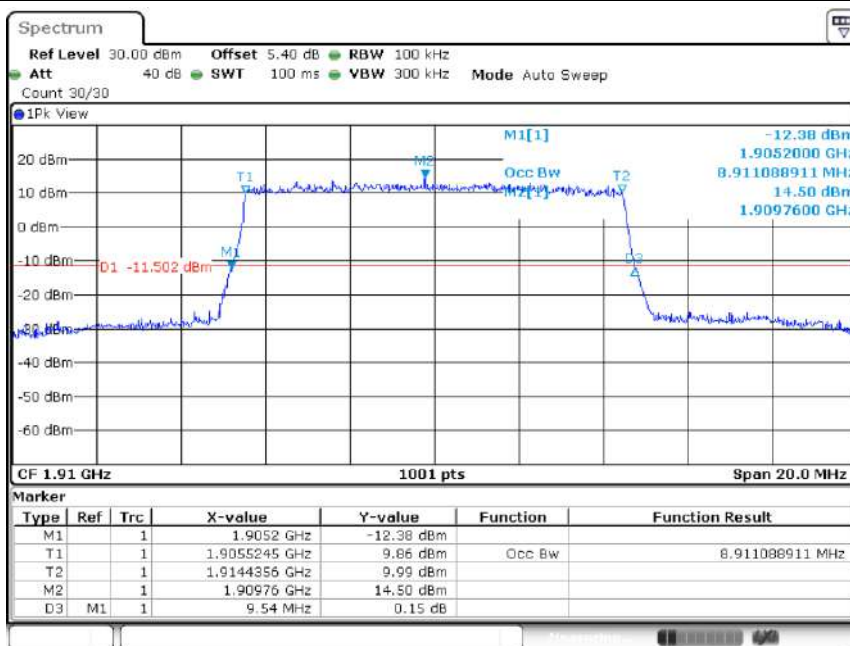
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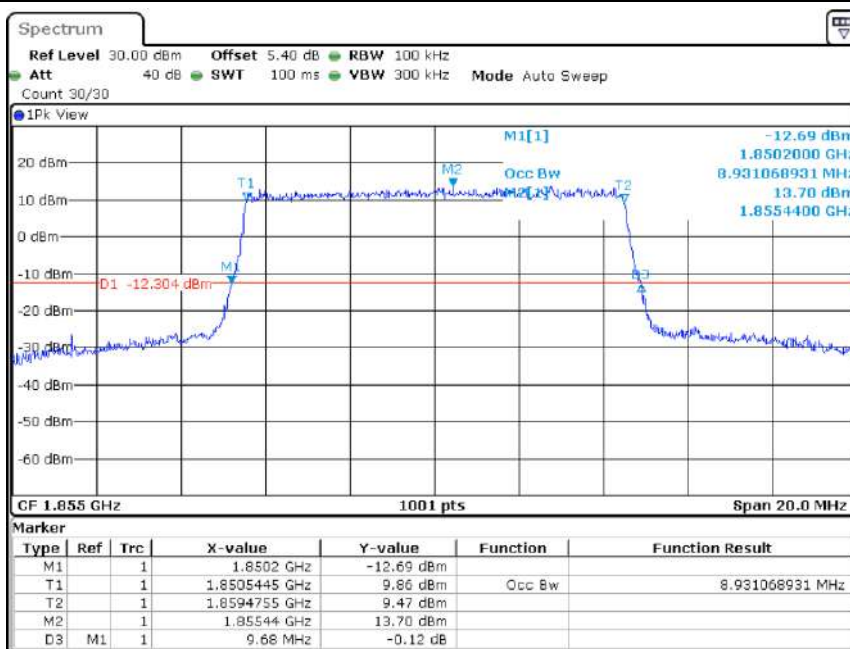


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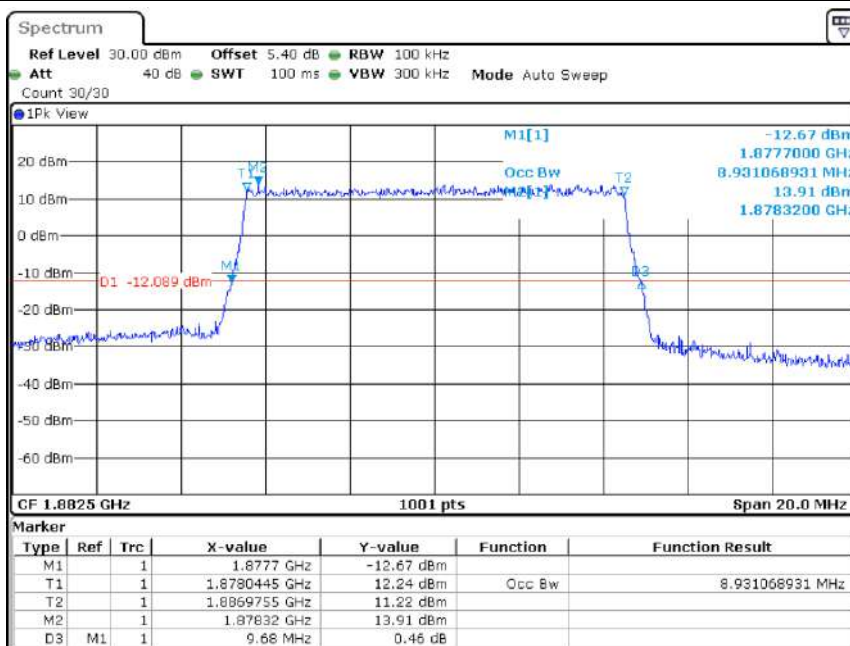
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Date: 16 JUL 2020 02:49:32

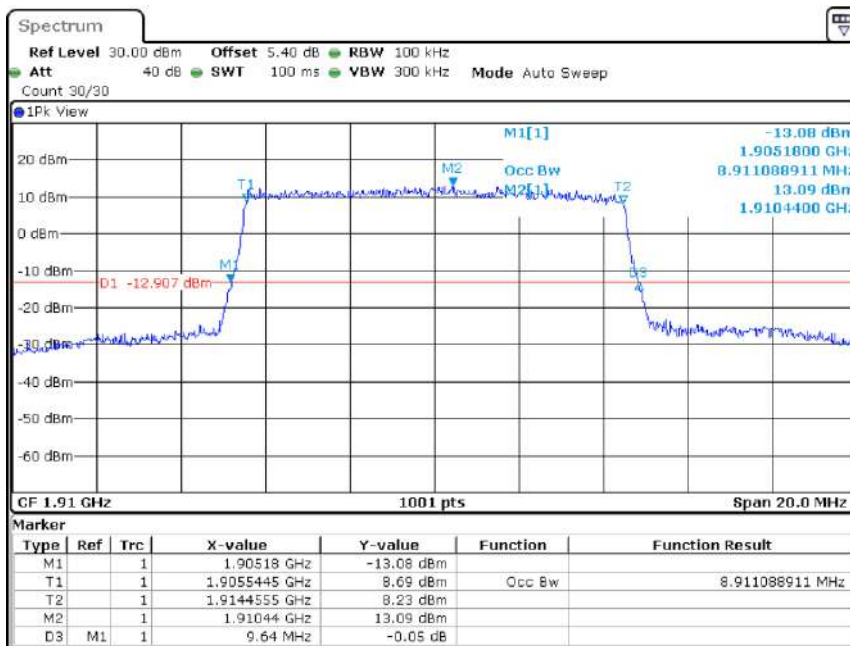


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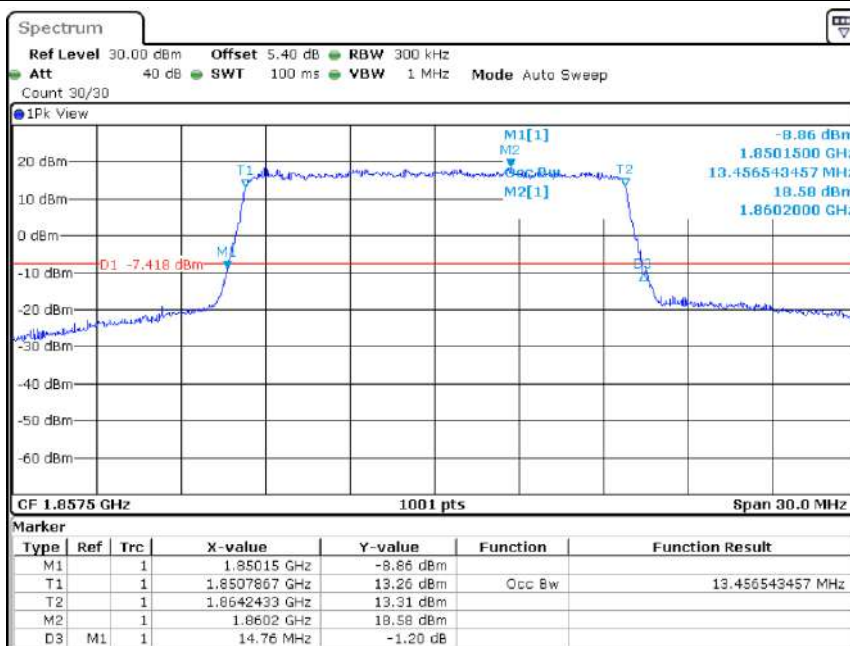
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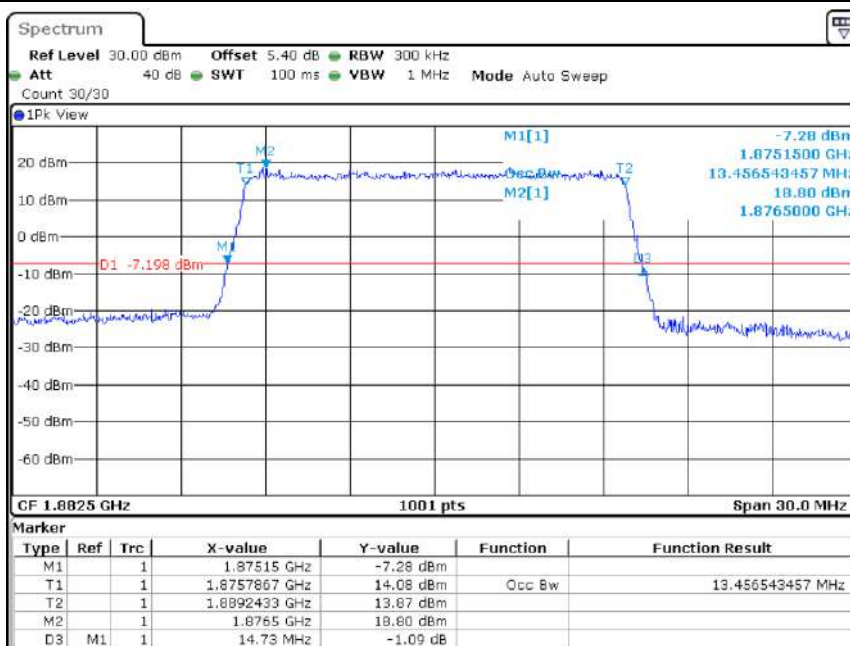


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Date: 16 JUL 2020 02:50:40

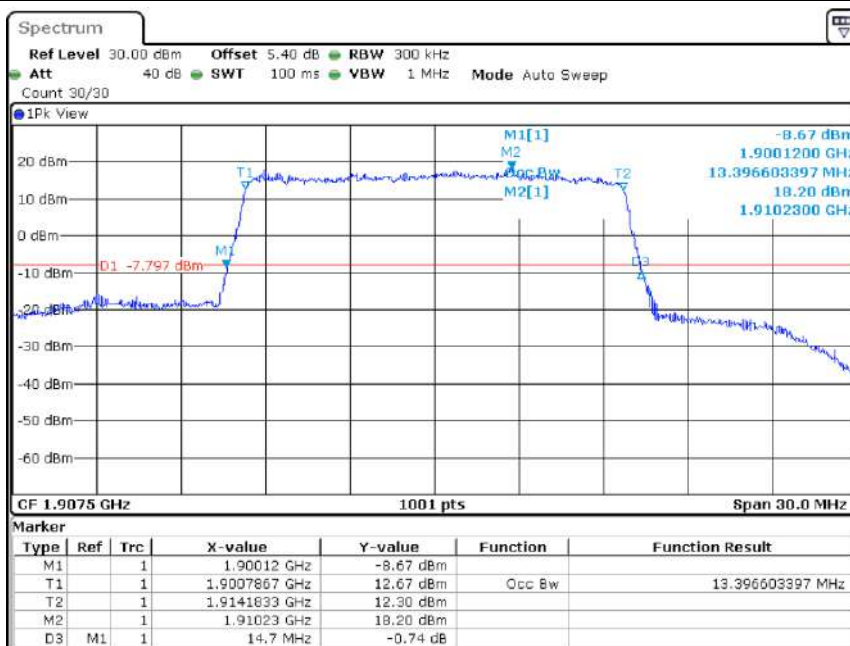
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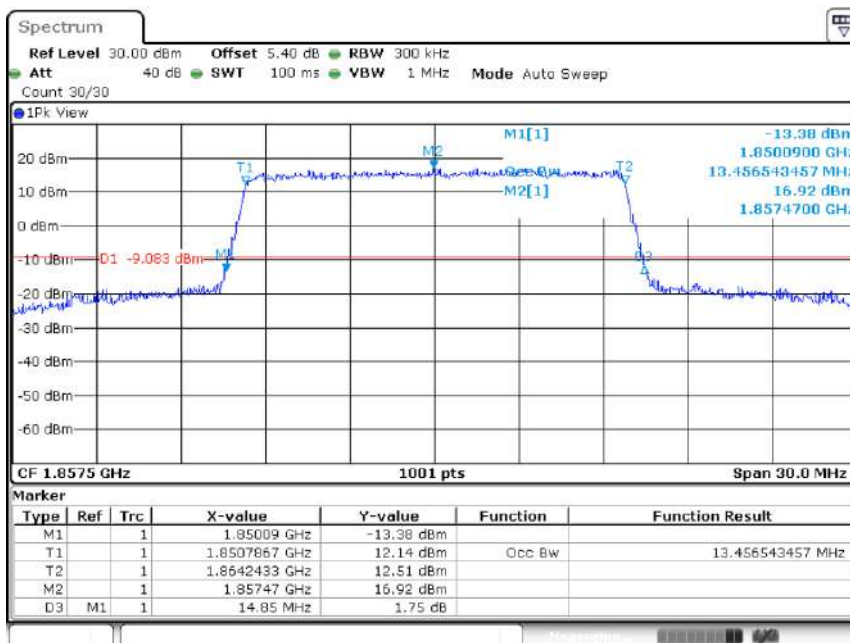


Band25-15MHz-QPSK-26615-75RB#0-13.397



Date: 18 JUL 2020 02:51:32

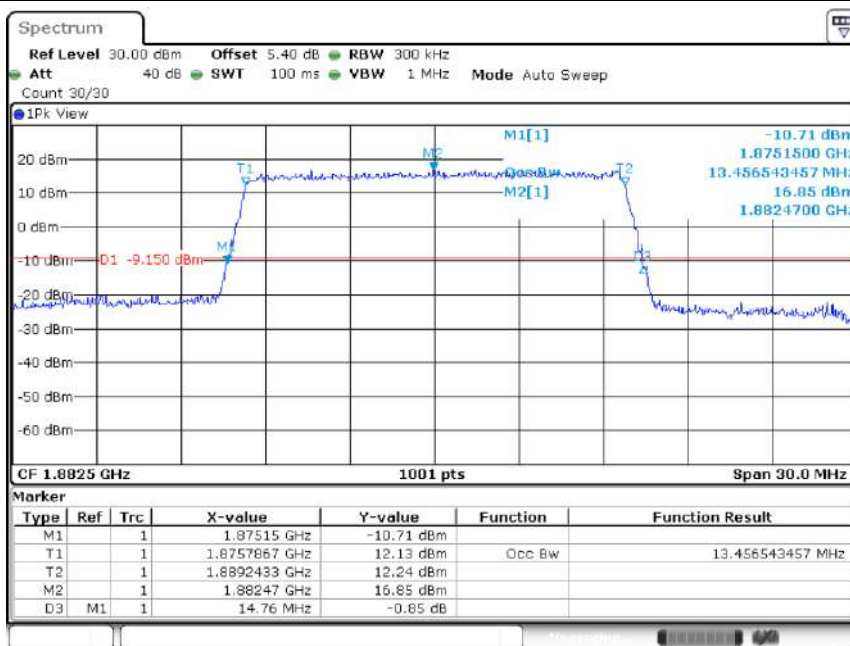
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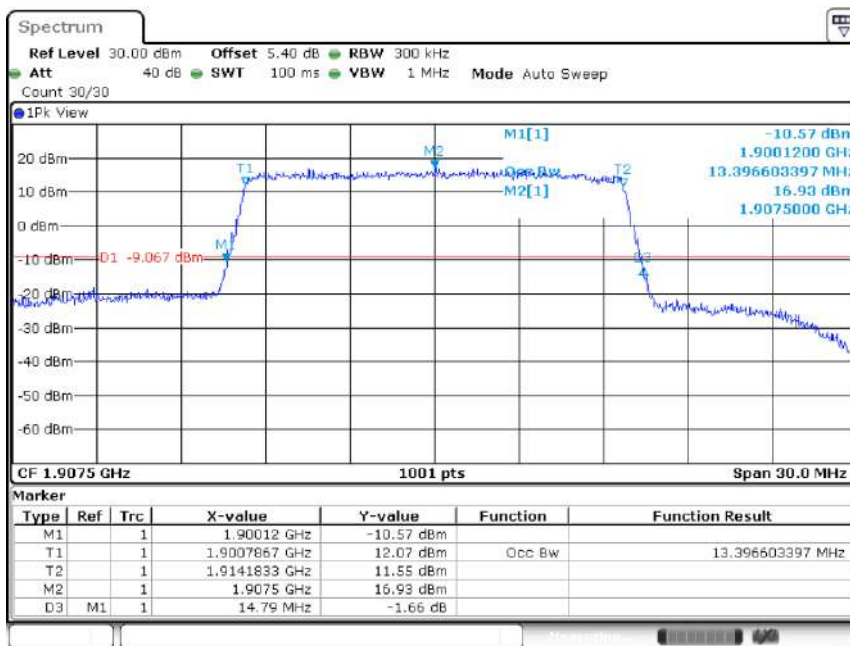


Band25-15MHz-64QAM-26365-75RB#0-13.457



Date: 11 AUG 2020 09:09:48

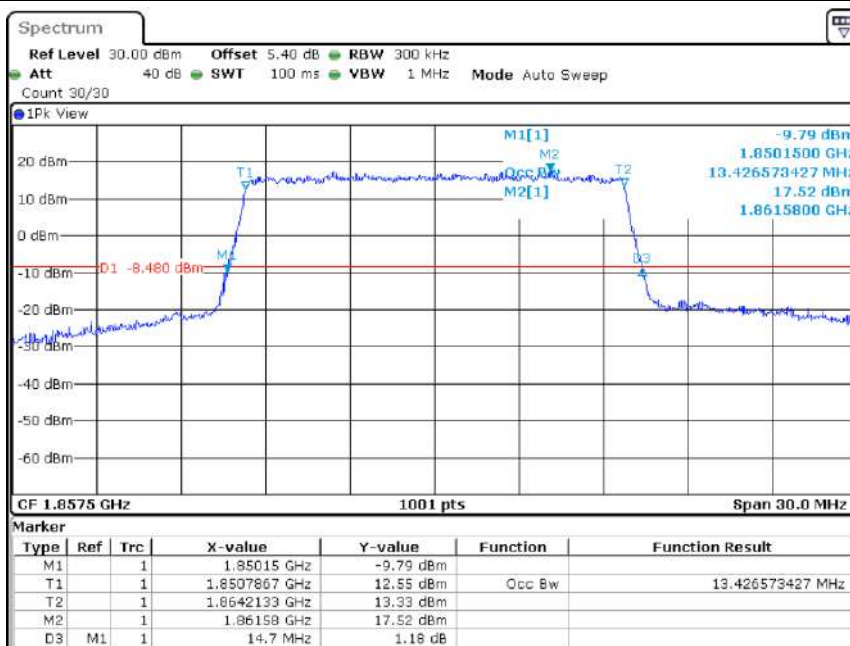
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Date: 11 AUG 2020 09:10:01

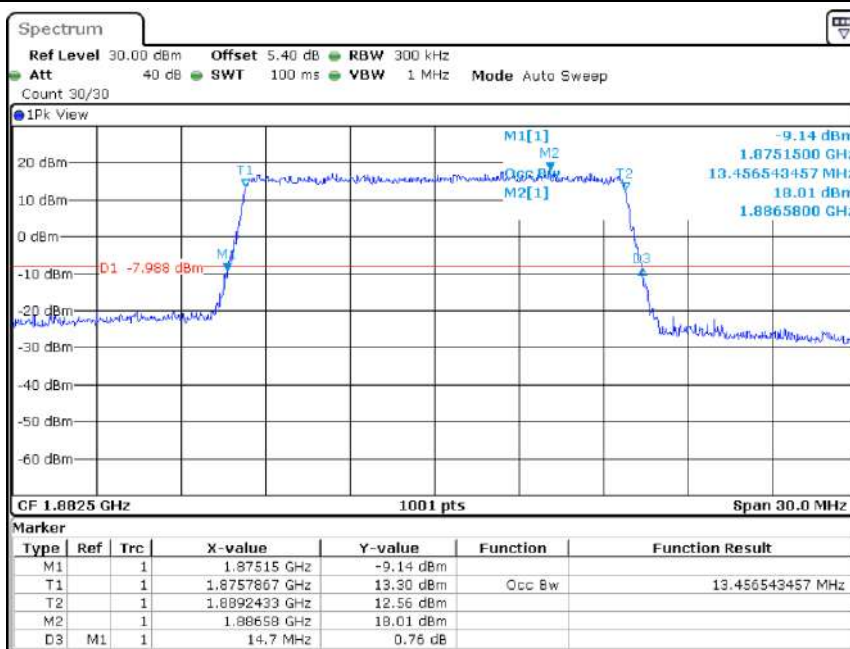


Band25-15MHz-16QAM-26115-75RB#0-13.427



Date: 16 JUL 2020 02:50:53

Band25-15MHz-16QAM-26365-75RB#0-13.457



Date: 16 JUL 2020 02:51:19



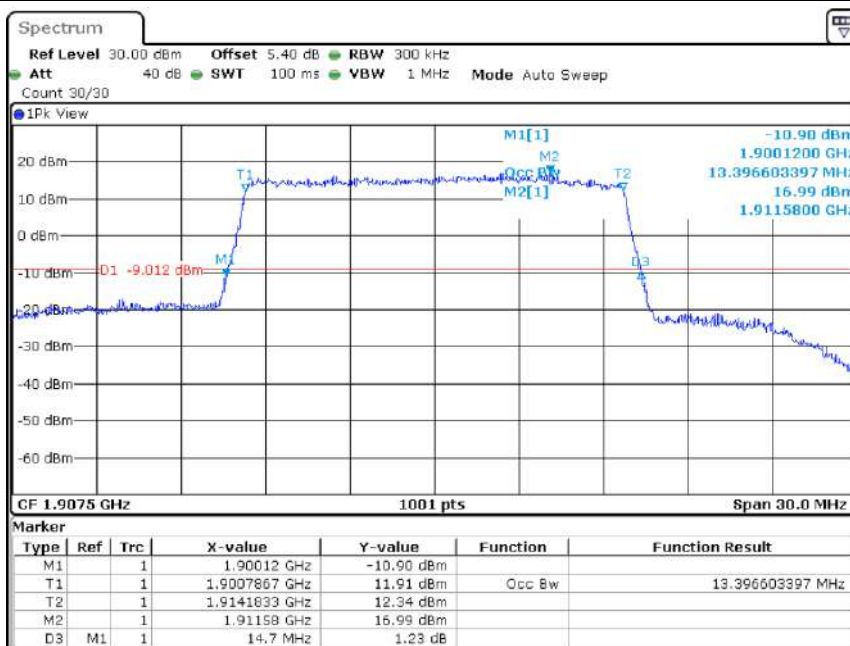
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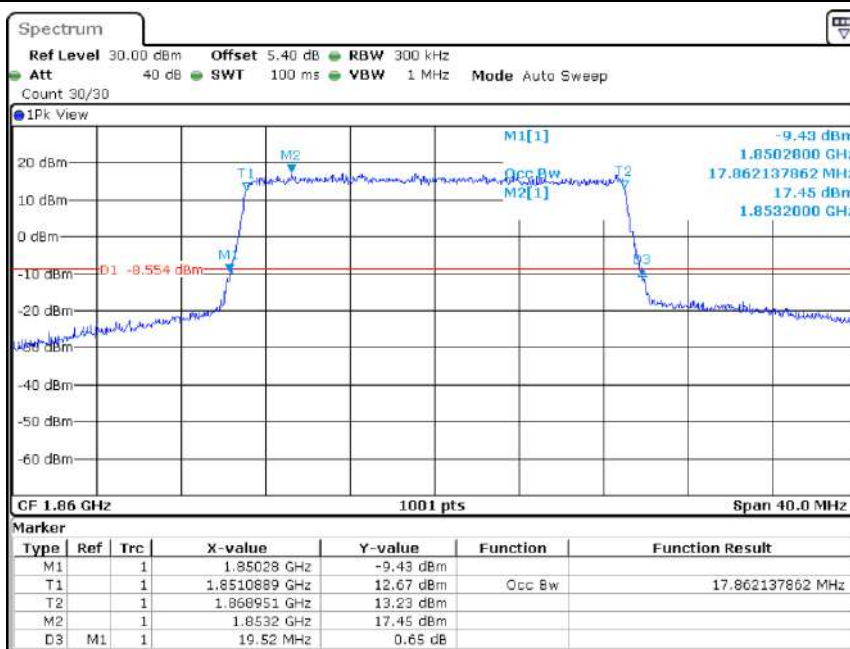
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Band25-15MHz-16QAM-26615-75RB#0-13.397



Date: 16 JUL 2020 02:51:44

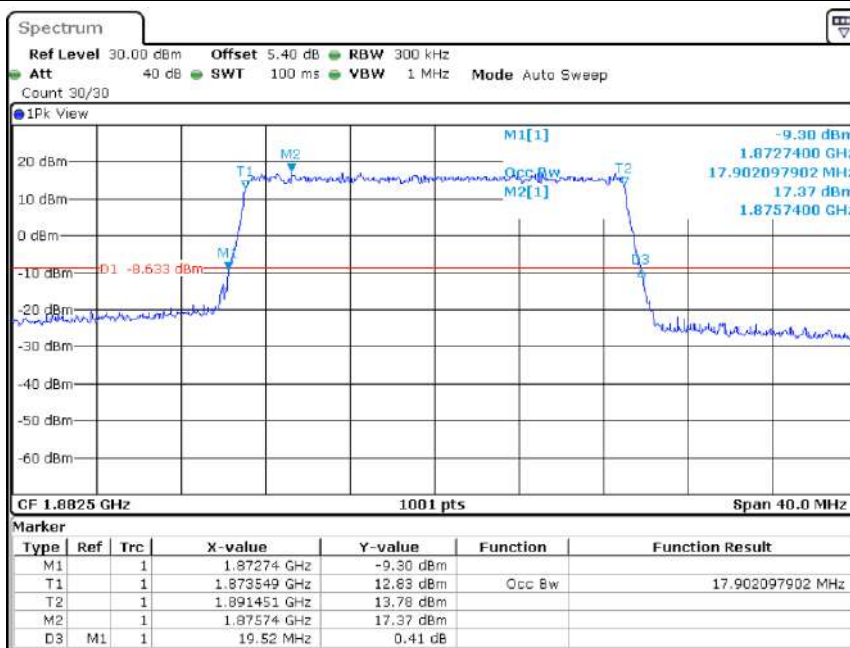
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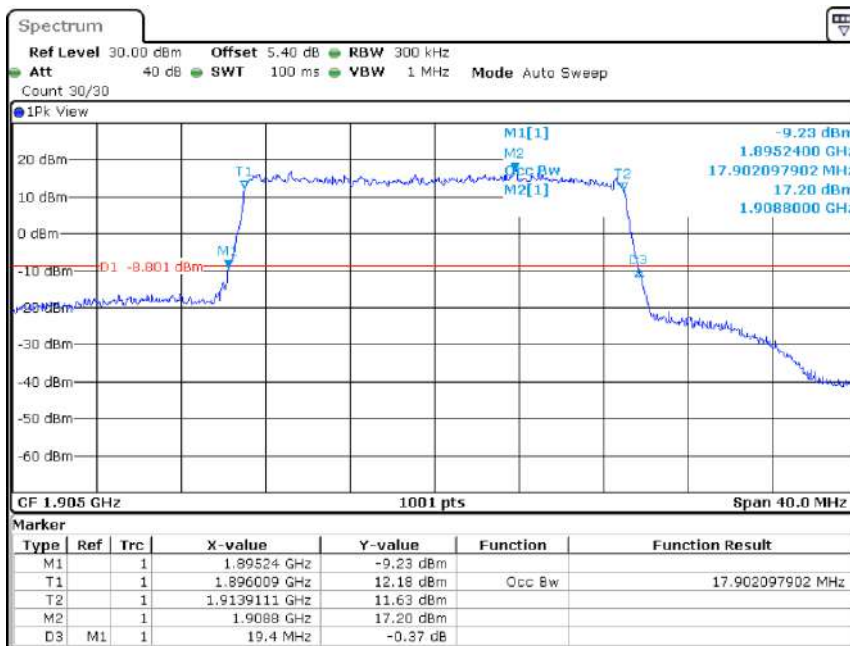


Band25-20MHz-QPSK-26365-100RB#0-17.902



Date: 16 JUL 2020 03:02:09

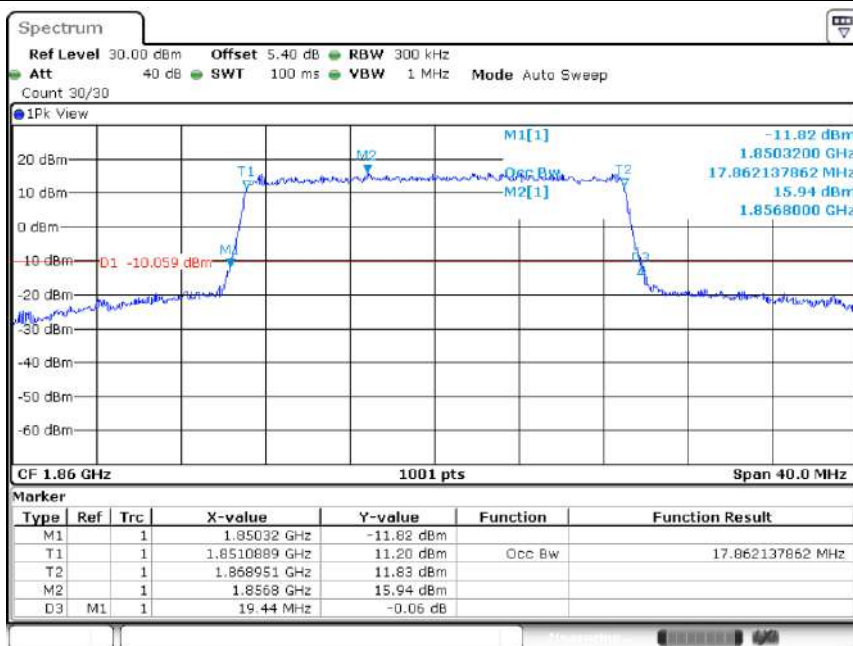
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Date: 16 JUL 2020 03:02:35

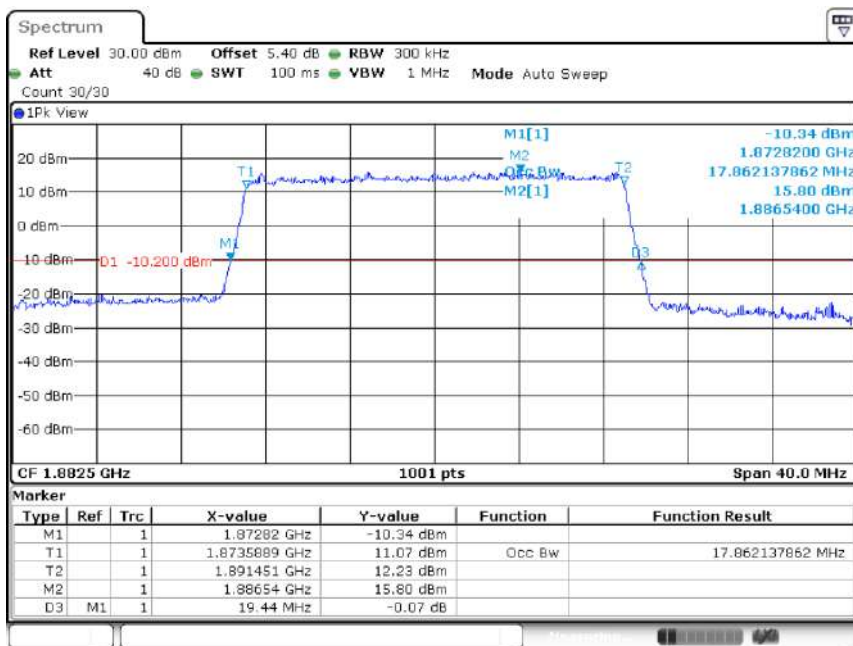


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Date: 11 AUG 2020 09:10:20

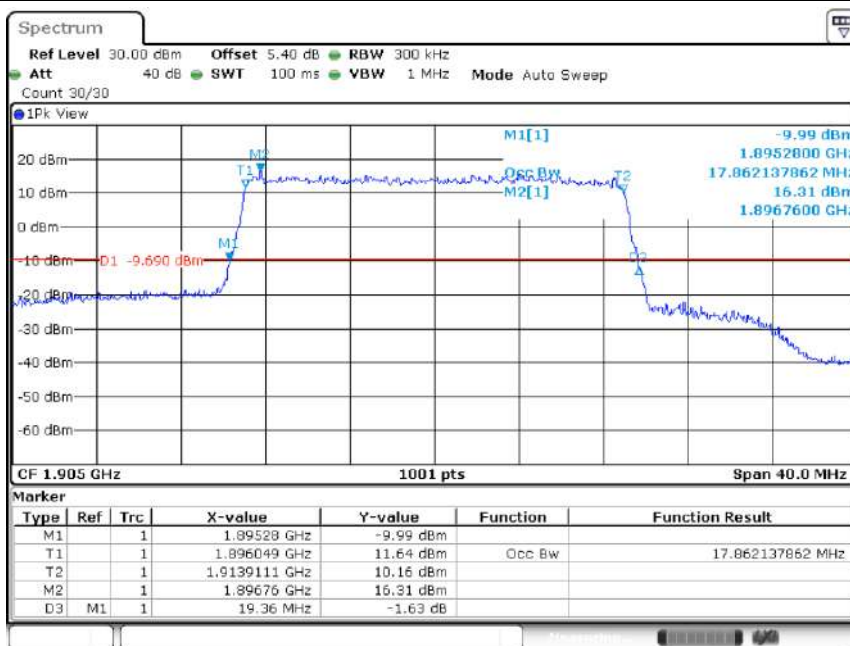
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Date: 11 AUG 2020 09:10:33

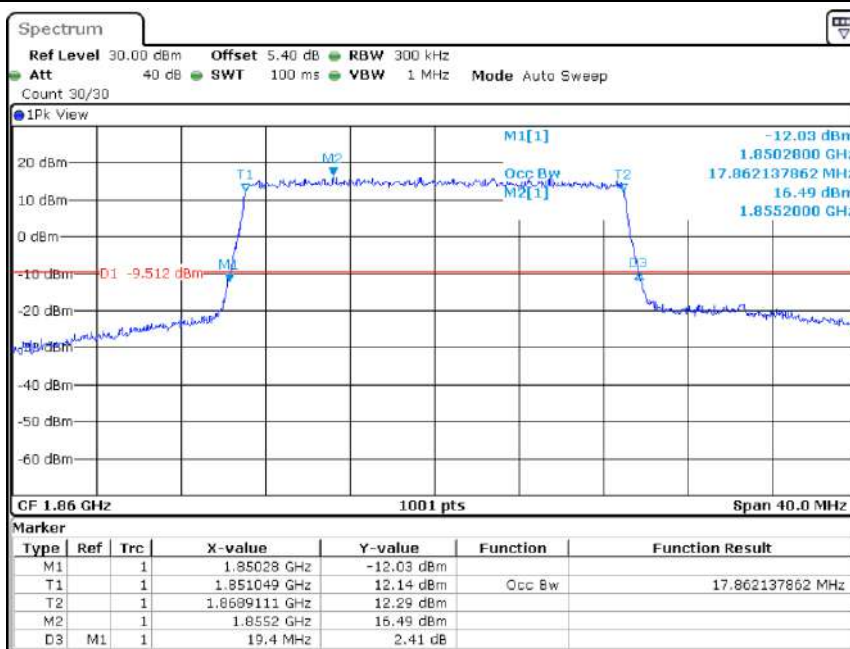


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Date: 11 AUG 2020 09:10:46

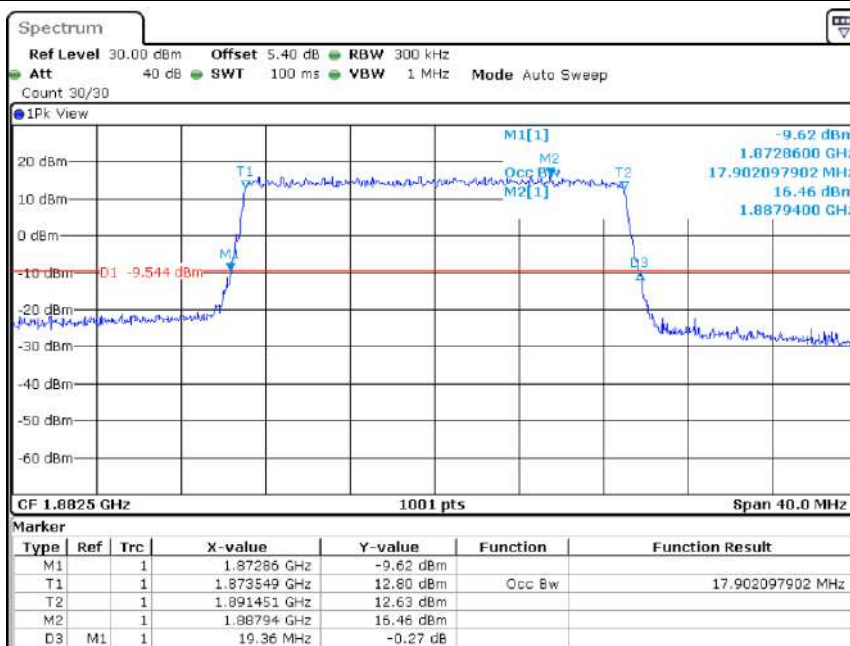
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Date: 16 JUL 2020 02:53:19

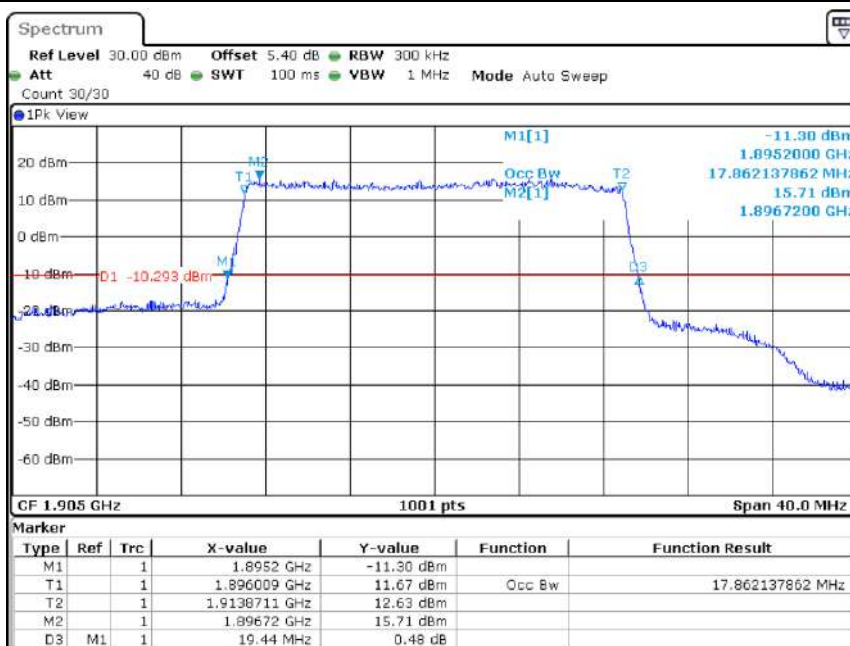


Band25-20MHz-16QAM-26365-100RB#0-17.902



Date: 16 JUL 2020 03:02:22

Band25-20MHz-16QAM-26590-100RB#0-17.862



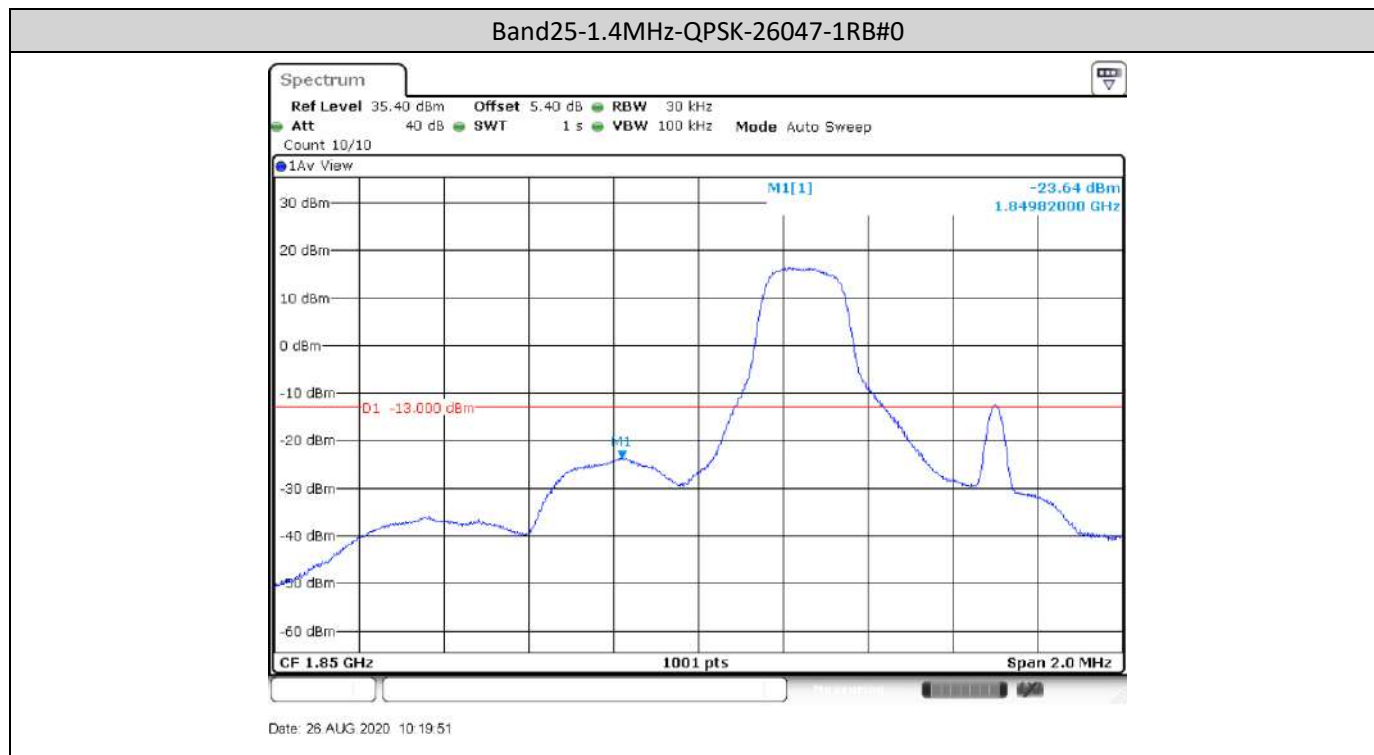
Date: 16 JUL 2020 03:02:48





5. Band Edge Compliance

5.1. Test Plots



Band25-1.4MHz-QPSK-26047-6RB#0



Date: 16 JUL 2020 03:06:39

Band25-1.4MHz-QPSK-26683-1RB#5



Date: 16 JUL 2020 03:07:24

Band25-1.4MHz-QPSK-26683-6RB#0





Date: 16 JUL 2020 03:08:05

Band25-1.4MHz-64QAM-26047-1RB#0



Date: 11 AUG 2020 09:11:14



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Band25-1.4MHz-64QAM-26047-6RB#0



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Band25-1.4MHz-64QAM-26683-1RB#5



Date: 11 AUG 2020 09:12:00



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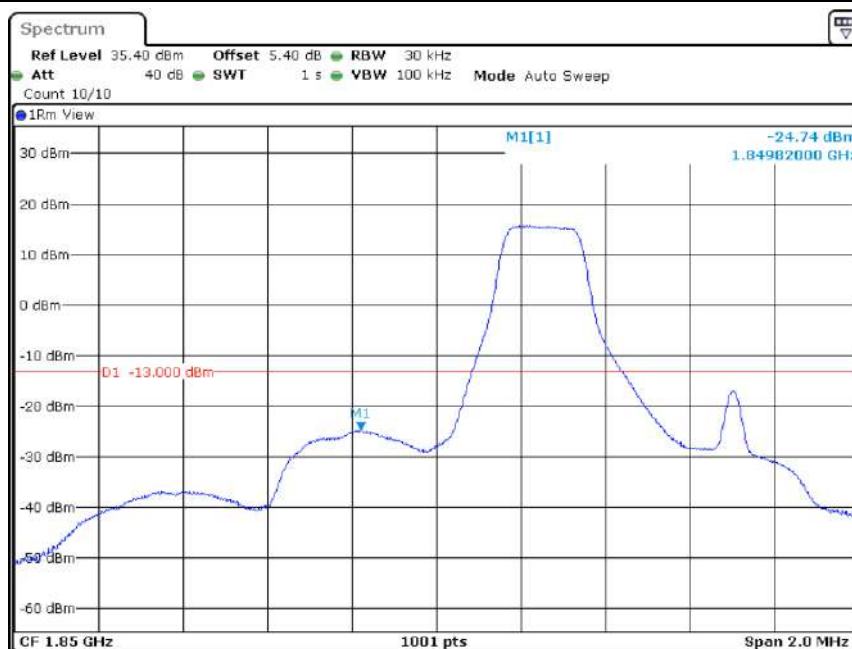
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Band25-1.4MHz-64QAM-26683-6RB#0



Date: 11 AUG 2020 09:12:20

Band25-1.4MHz-16QAM-26047-1RB#0



Date: 16 JUL 2020 03:06:18



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Band25-1.4MHz-16QAM-26047-6RB#0



Date: 16 JUL 2020 03:06:59

Band25-1.4MHz-16QAM-26683-1RB#5



Date: 16 JUL 2020 03:07:45



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Band25-1.4MHz-16QAM-26683-6RB#0



Date: 16 JUL 2020 03:08:26

Band25-3MHz-QPSK-26055-1RB#0



Date: 16 JUL 2020 03:08:51



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Band25-3MHz-QPSK-26055-15RB#0



Date: 16 JUL 2020 03:09:32

Band25-3MHz-QPSK-26675-1RB#14



Date: 16 JUL 2020 03:10:18



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Band25-3MHz-QPSK-26675-15RB#0



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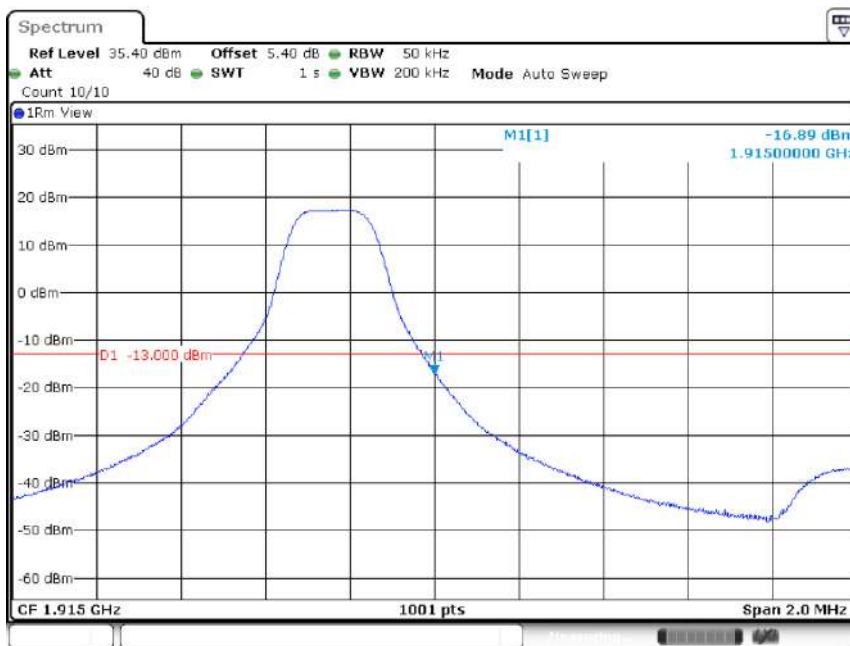
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Band25-3MHz-64QAM-26055-15RB#0



Date: 11 AUG 2020 09:13:08

Band25-3MHz-64QAM-26675-1RB#14



Date: 11 AUG 2020 09:13:34





Band25-3MHz-64QAM-26675-15RB#0



Date: 11 AUG 2020 09:13:55

Band25-3MHz-16QAM-26055-1RB#0



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Band25-3MHz-16QAM-26055-15RB#0



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Band25-3MHz-16QAM-26675-1RB#14



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Band25-3MHz-16QAM-26675-15RB#0



Date: 16 JUL 2020 03:11:19

Band25-5MHz-QPSK-26065-1RB#0



Date: 16 JUL 2020 03:11:45



Band25-5MHz-QPSK-26065-25RB#0



Date: 16 JUL 2020 03:12:26

Band25-5MHz-QPSK-26665-1RB#24



Date: 16 JUL 2020 03:13:11



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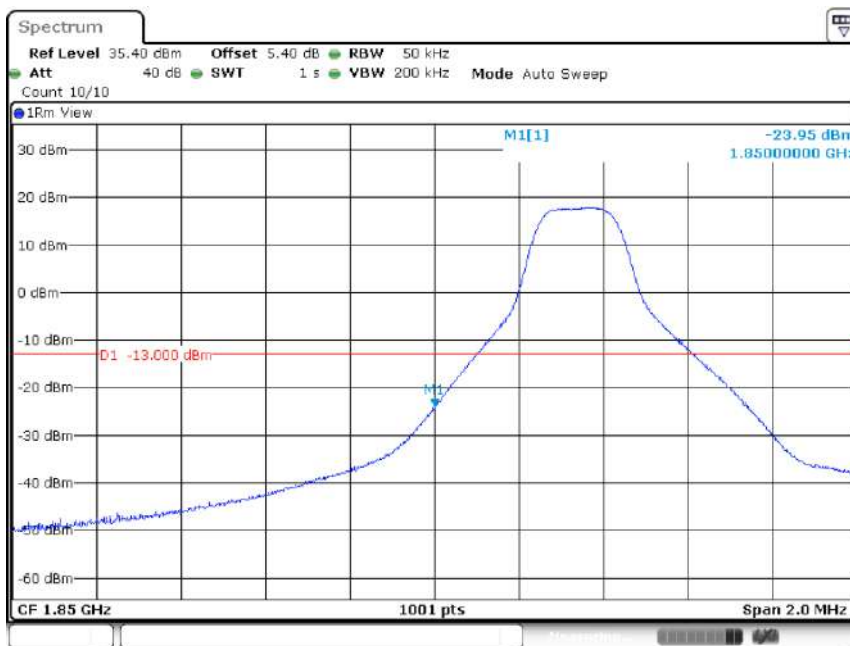
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Band25-5MHz-QPSK-26665-25RB#0



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Band25-5MHz-64QAM-26065-1RB#0



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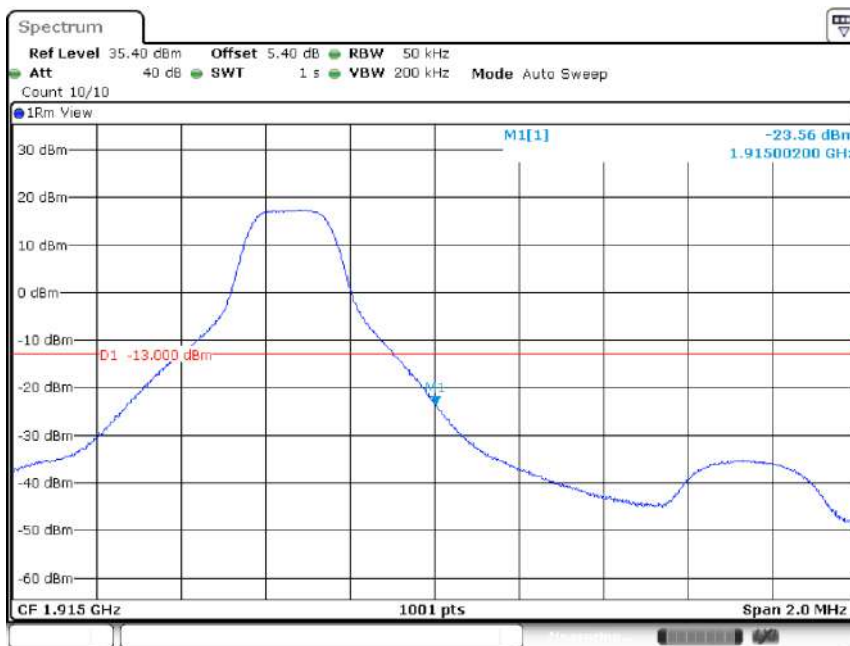
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Band25-5MHz-64QAM-26065-25RB#0



Date: 11 AUG 2020 09:14:43

Band25-5MHz-64QAM-26665-1RB#24

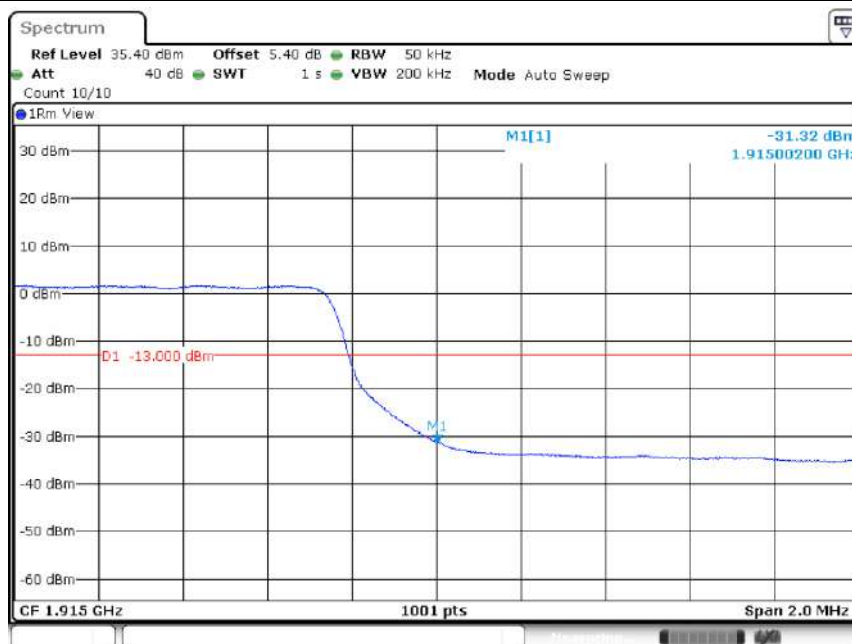


Date: 11 AUG 2020 09:15:09





Band25-5MHz-64QAM-26665-25RB#0



Date: 11 AUG 2020 09:15:29

Band25-5MHz-16QAM-26065-1RB#0



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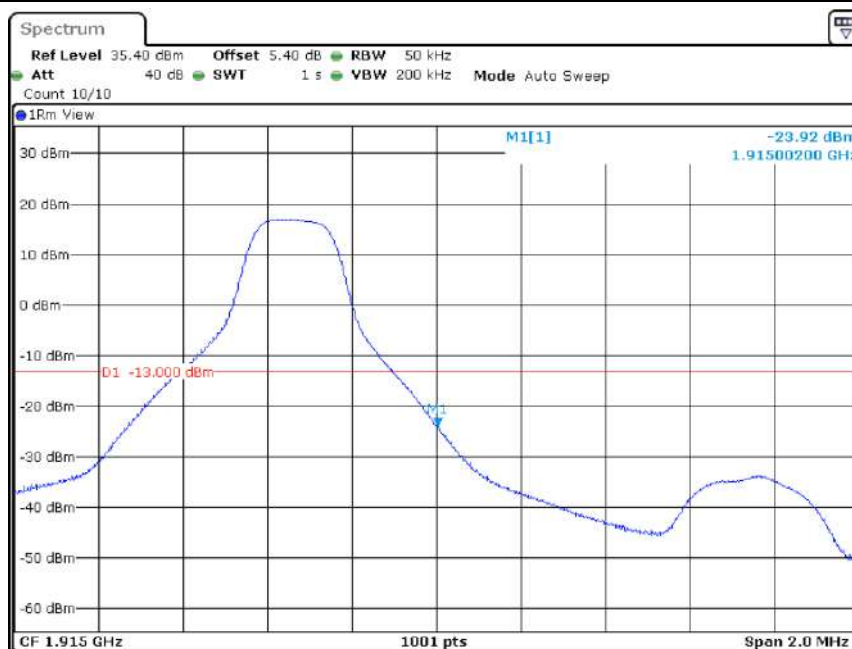
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Band25-5MHz-16QAM-26065-25RB#0



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Band25-5MHz-16QAM-26665-1RB#24



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Band25-5MHz-16QAM-26665-25RB#0



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Band25-10MHz-QPSK-26090-1RB#0



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Band25-10MHz-QPSK-26090-50RB#0



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Band25-10MHz-QPSK-26640-1RB#49



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Band25-10MHz-QPSK-26640-50RB#0



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Band25-10MHz-64QAM-26090-1RB#0



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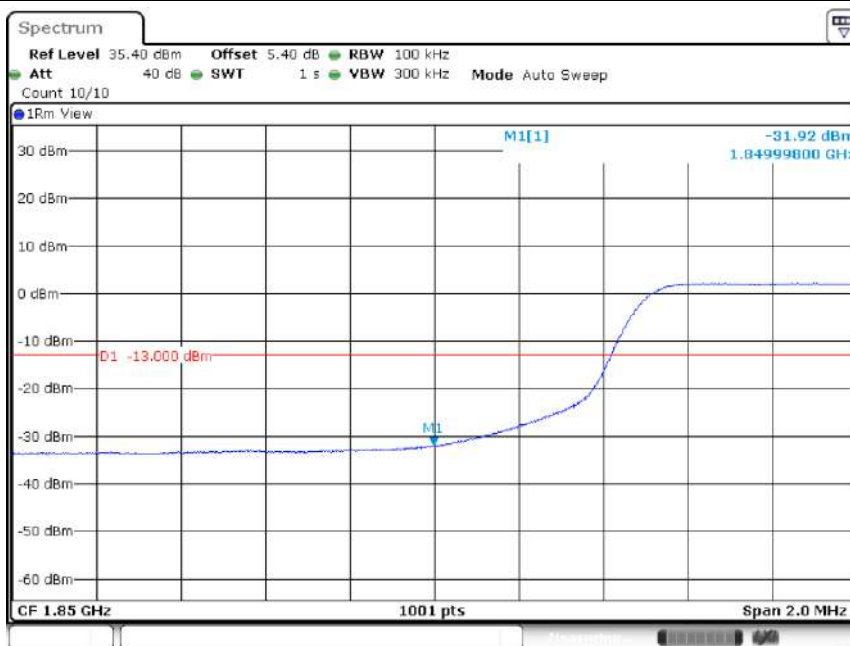
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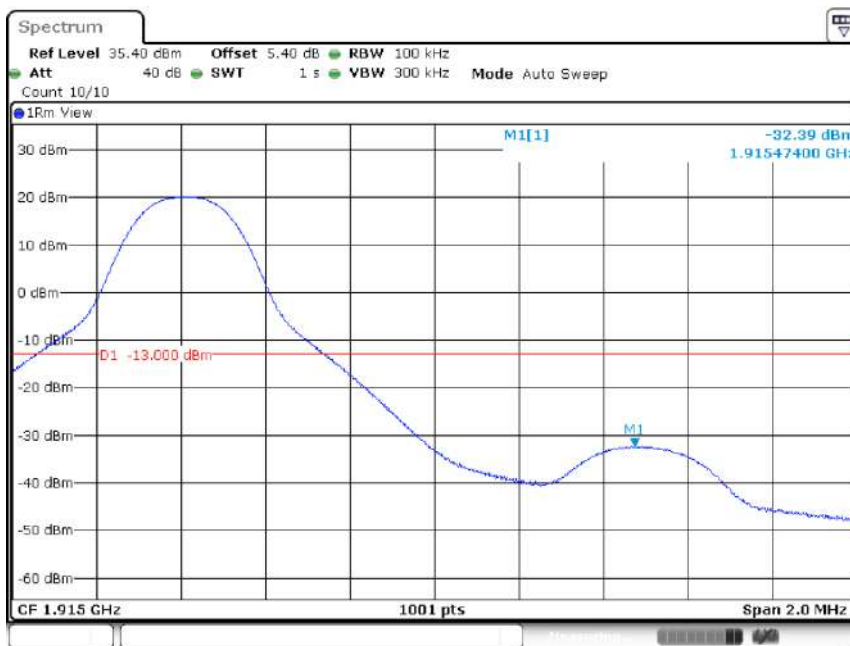
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Band25-10MHz-64QAM-26090-50RB#0



Date: 11 AUG 2020 09:16:17

Band25-10MHz-64QAM-26640-1RB#49



Date: 11 AUG 2020 09:16:43



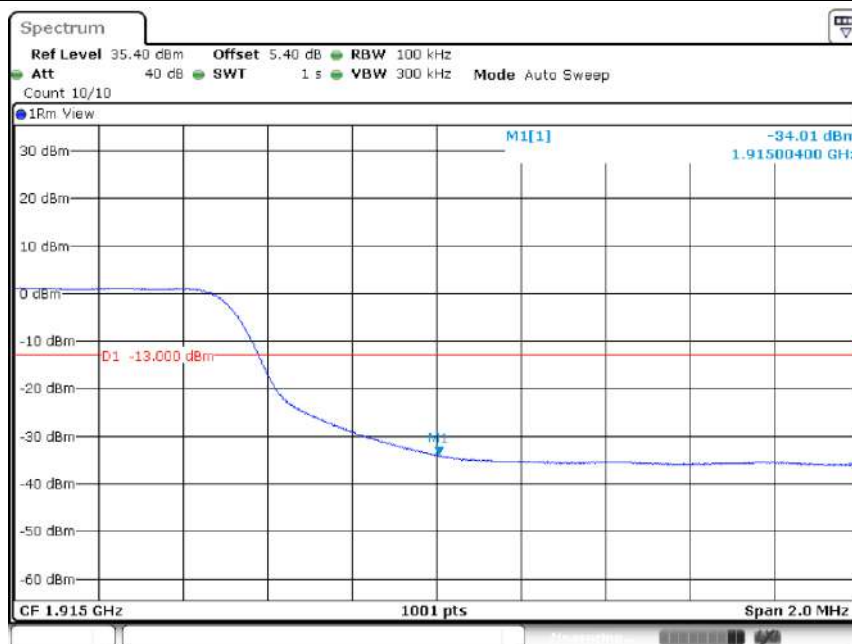
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Band25-10MHz-64QAM-26640-50RB#0



Date: 11 AUG 2020 09:17:03

Band25-10MHz-16QAM-26090-1RB#0



Date: 16 JUL 2020 03:14:59



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Band25-10MHz-16QAM-26090-50RB#0



Date: 16 JUL 2020 03:15:39

Band25-10MHz-16QAM-26640-1RB#49



Date: 16 JUL 2020 03:16:25



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Band25-10MHz-16QAM-26640-50RB#0



Date: 16 JUL 2020 03:17:06

Band25-15MHz-QPSK-26115-1RB#0



Date: 16 JUL 2020 03:17:32





Band25-15MHz-QPSK-26115-75RB#0



Date: 16 JUL 2020 03:18:13

Band25-15MHz-QPSK-26615-1RB#74



Date: 16 JUL 2020 03:18:59



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Band25-15MHz-QPSK-26615-75RB#0



Date: 16 JUL 2020 03:19:40

Band25-15MHz-64QAM-26115-1RB#0



Date: 11 AUG 2020 09:17:31



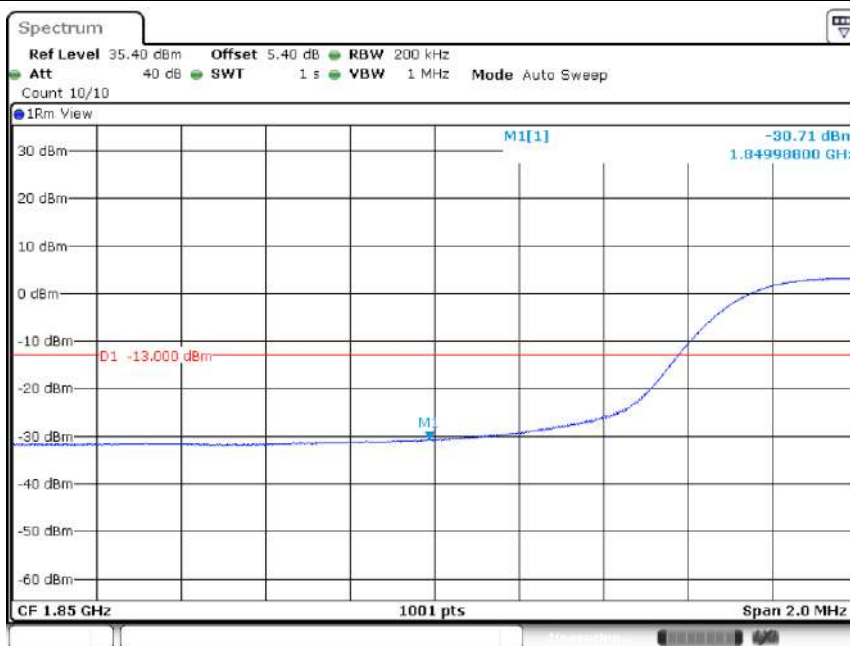
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Band25-15MHz-64QAM-26115-75RB#0



Date: 11 AUG 2020 09:17:51

Band25-15MHz-64QAM-26615-1RB#74



Date: 11 AUG 2020 09:18:17



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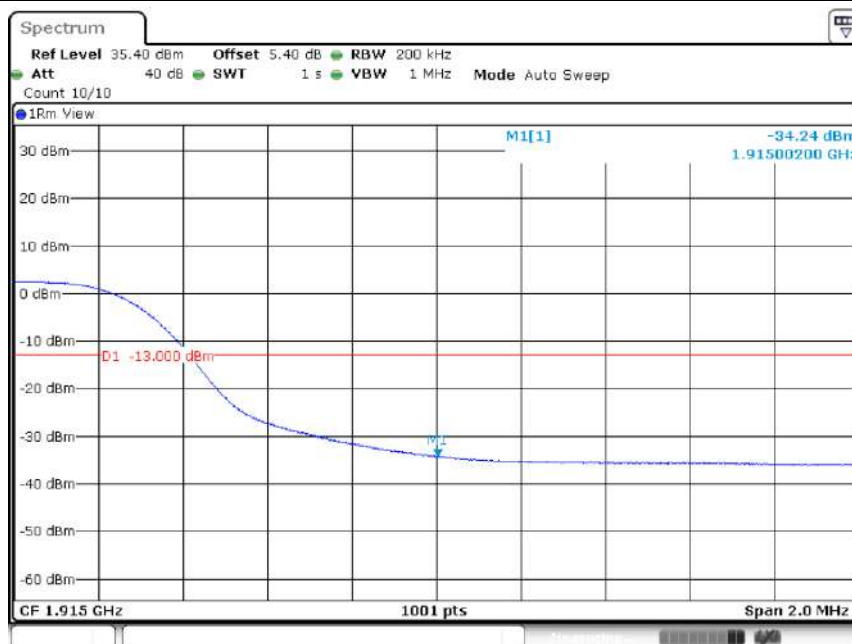
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Band25-15MHz-64QAM-26615-75RB#0



Date: 11 AUG 2020 09:18:38

Band25-15MHz-16QAM-26115-1RB#0



Date: 16 JUL 2020 03:17:53



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Band25-15MHz-16QAM-26115-75RB#0



Date: 16 JUL 2020 03:18:34

Band25-15MHz-16QAM-26615-1RB#74



Date: 16 JUL 2020 03:19:19



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Band25-15MHz-16QAM-26615-75RB#0



Date: 16 JUL 2020 03:20:01

Band25-20MHz-QPSK-26140-1RB#0



Date: 16 JUL 2020 03:20:26



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Band25-20MHz-QPSK-26140-100RB#0



Date: 16 JUL 2020 03:21:07

Band25-20MHz-QPSK-26590-1RB#99



Date: 16 JUL 2020 03:21:53



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Band25-20MHz-64QAM-26140-1RB#0



Date: 11 AUG 2020 09:19:05



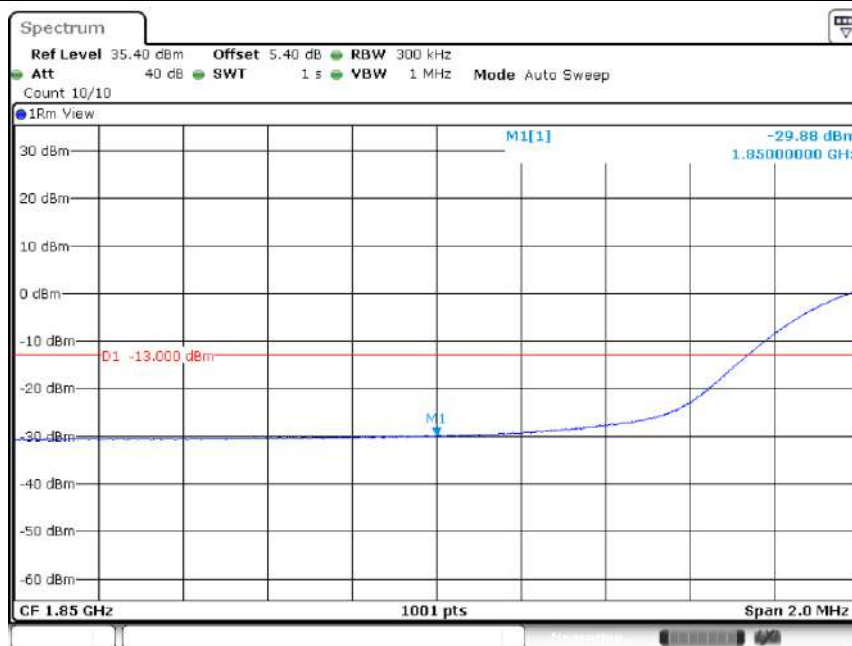
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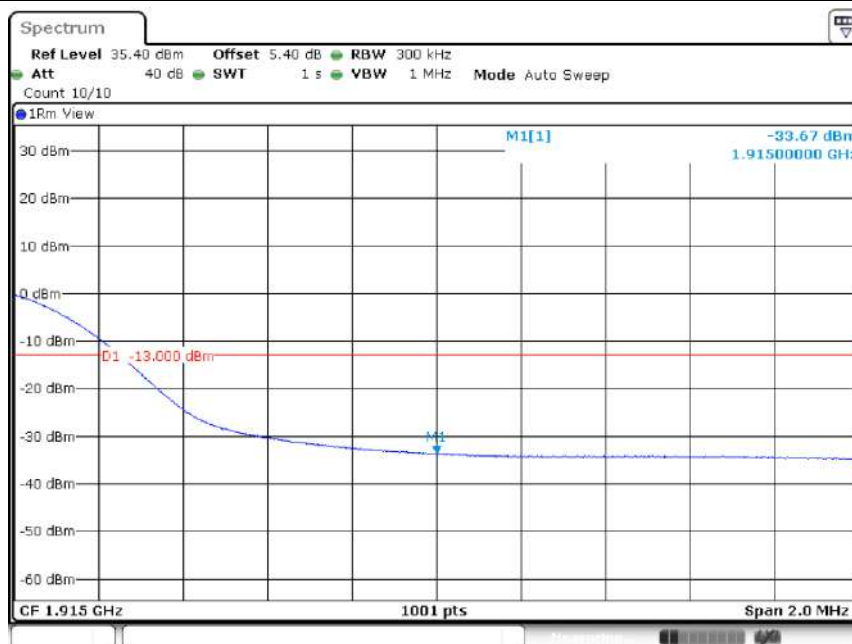
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Band25-20MHz-64QAM-26590-100RB#0



Date: 11 AUG 2020 09:20:14

Band25-20MHz-16QAM-26140-1RB#0



Date: 16 JUL 2020 03:20:47



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Band25-20MHz-16QAM-26140-100RB#0



Date: 16 JUL 2020 03:21:28

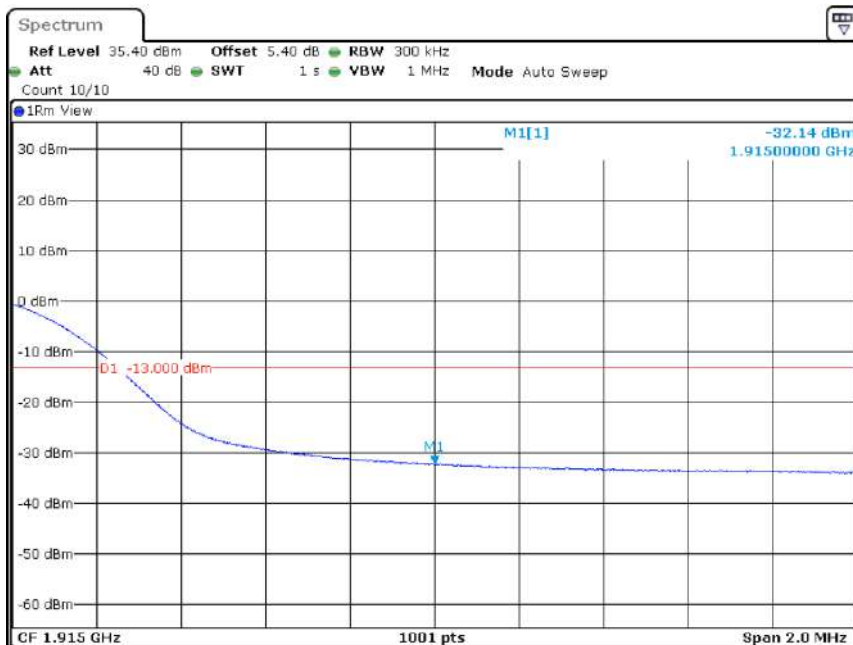
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Band25-20MHz-16QAM-26590-100RB#0



Date: 16 JUL 2020 03:22:55



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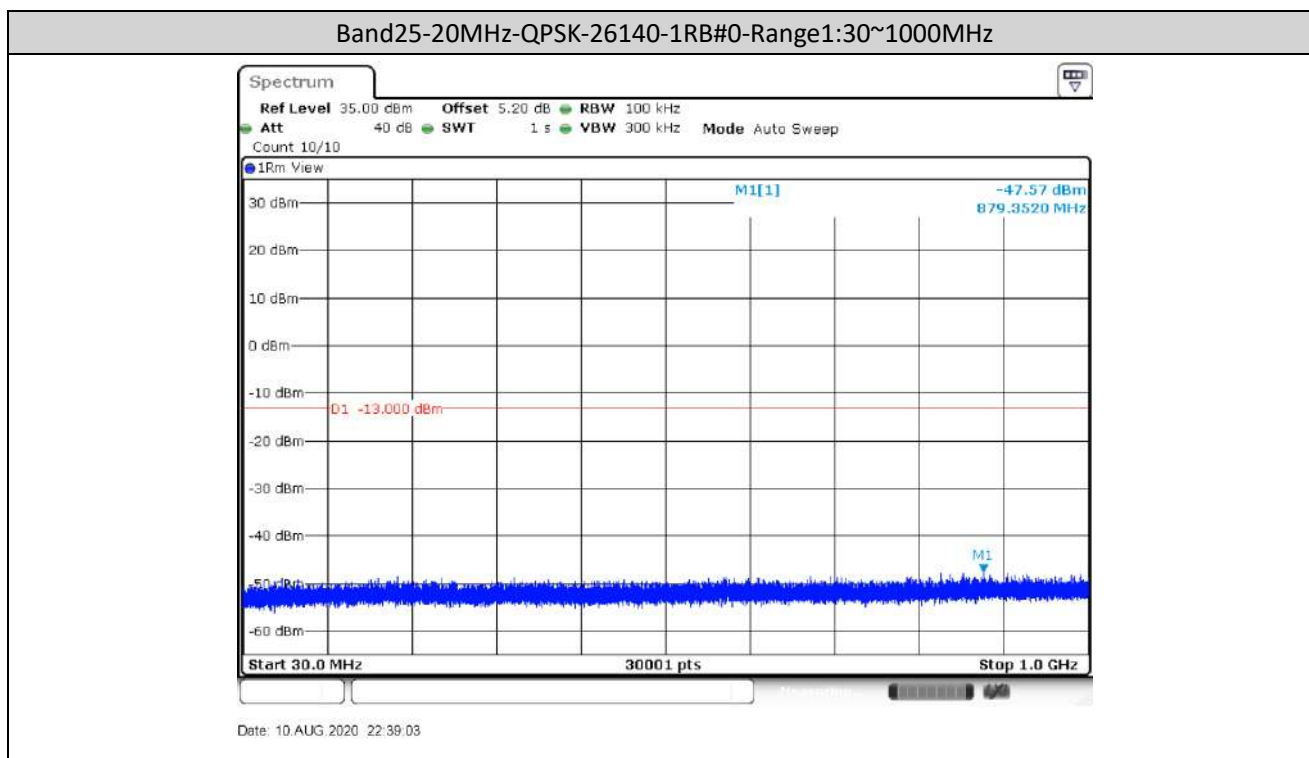
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6. Spurious Emission at Antenna Terminal

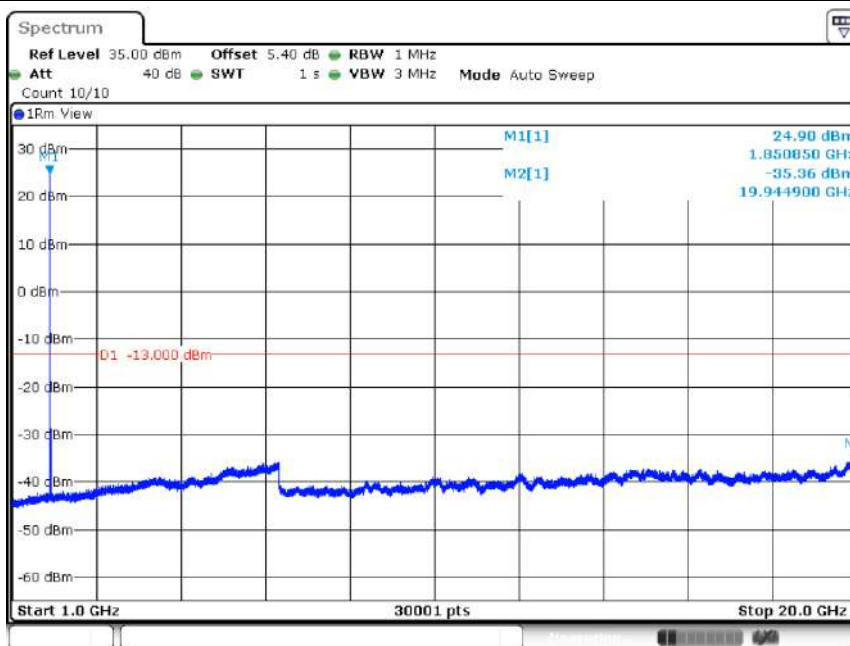
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots

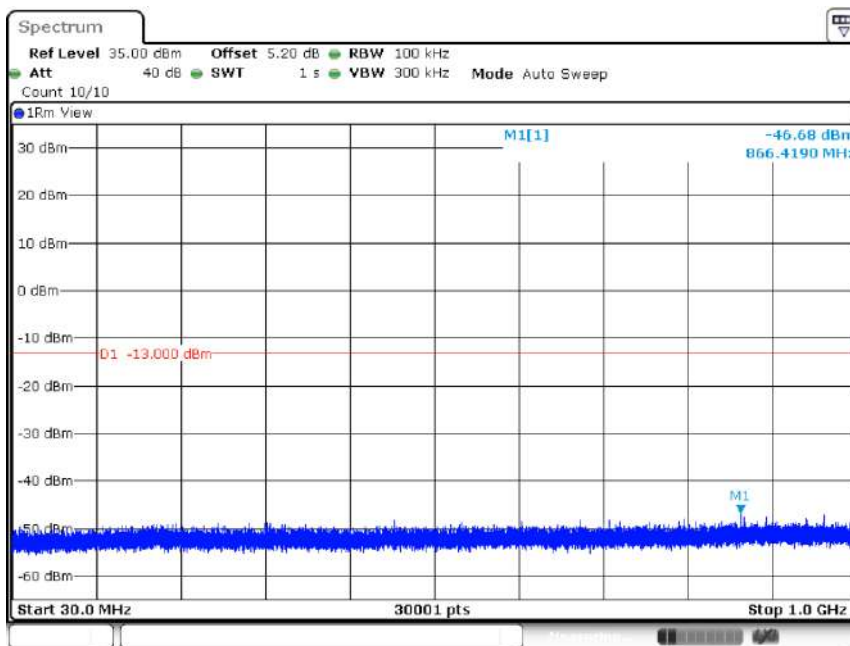


Band25-20MHz-QPSK-26140-1RB#0-Range2:1000~20000MHz



Date: 10.AUG 2020 22:39:19

Band25-20MHz-QPSK-26365-1RB#0-Range1:30~1000MHz

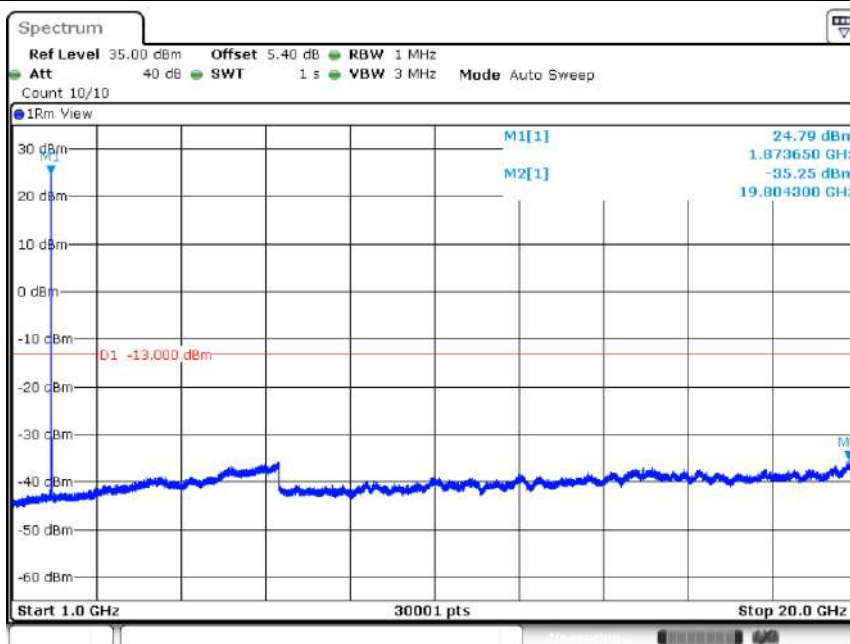


Date: 10.AUG 2020 22:40:13



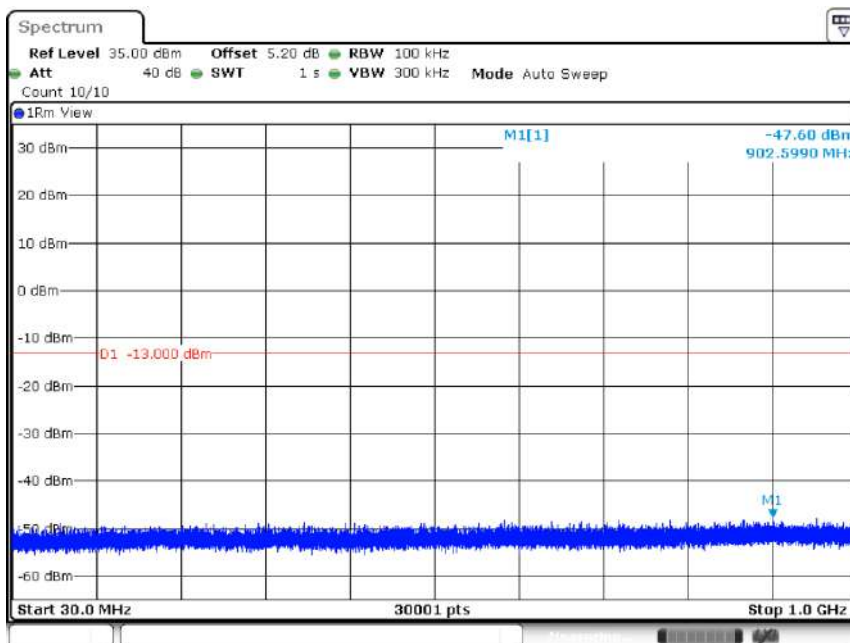
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Band25-20MHz-QPSK-26365-1RB#0-Range2:1000~20000MHz



Date: 10.AUG 2020 22:40:29

Band25-20MHz-QPSK-26590-1RB#0-Range1:30~1000MHz



Date: 10.AUG 2020 22:41:23



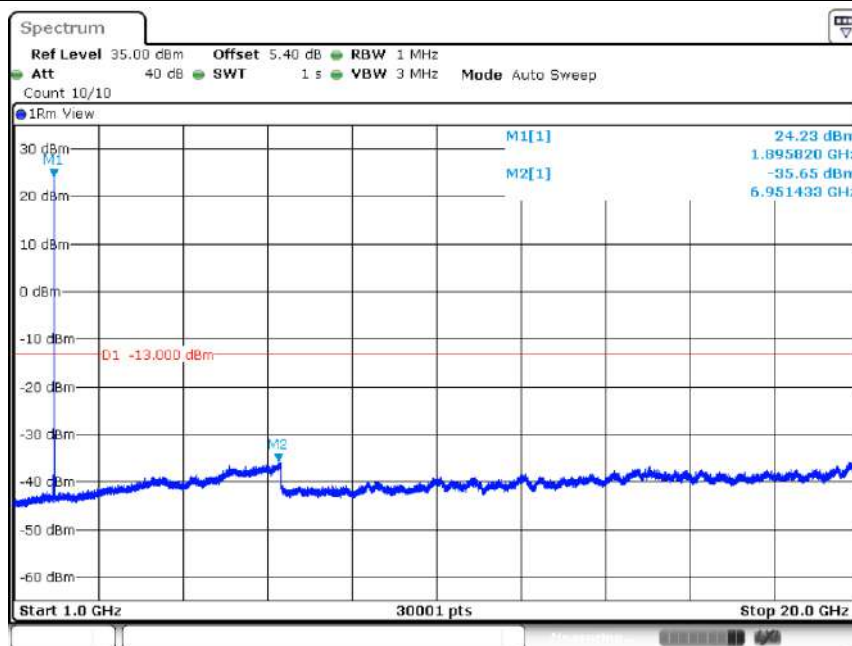
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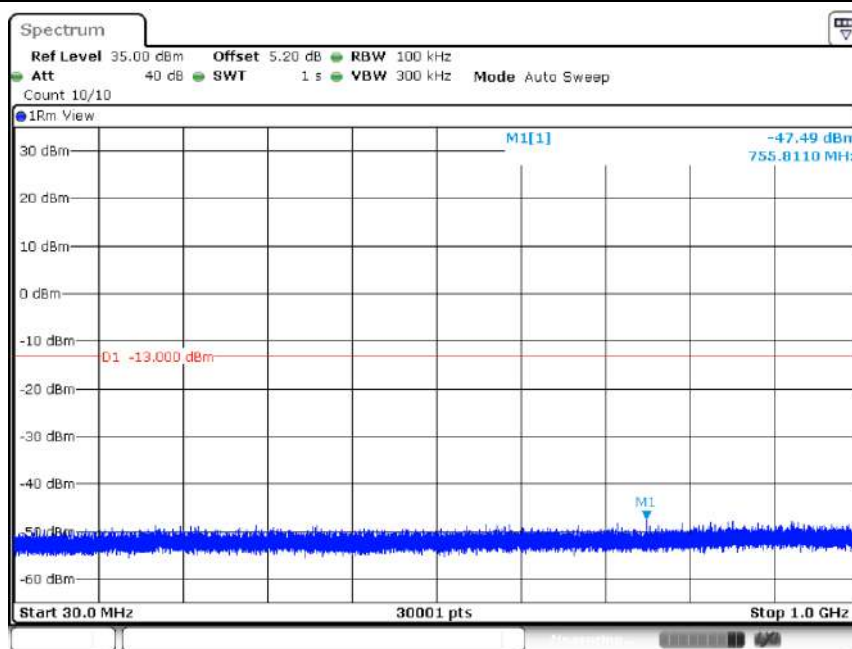
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Band25-20MHz-QPSK-26590-1RB#0-Range2:1000~20000MHz



Date: 10.AUG 2020 22:41:40

Band25-20MHz-64QAM-26140-1RB#0-Range1:30~1000MHz



Date: 11.AUG 2020 09:20:39



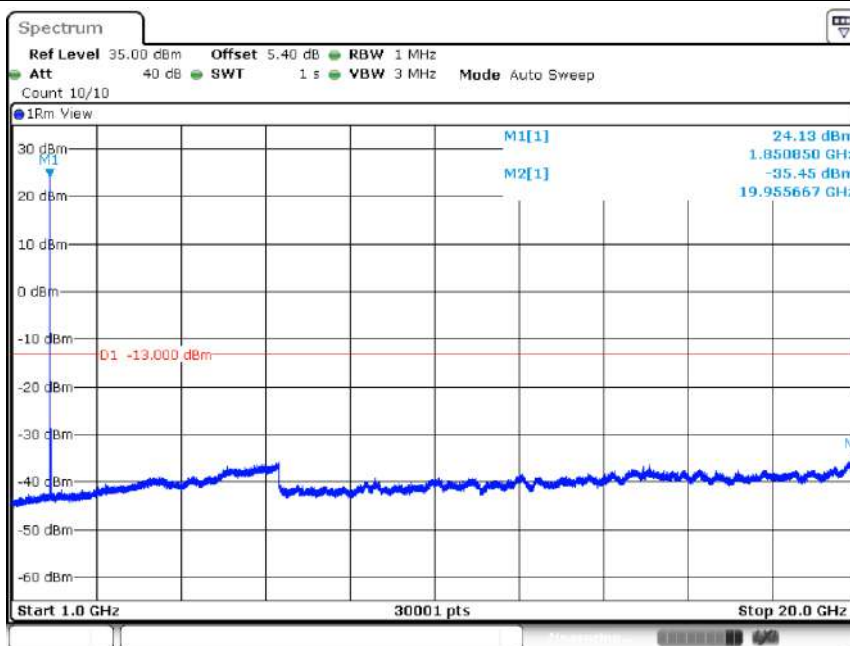
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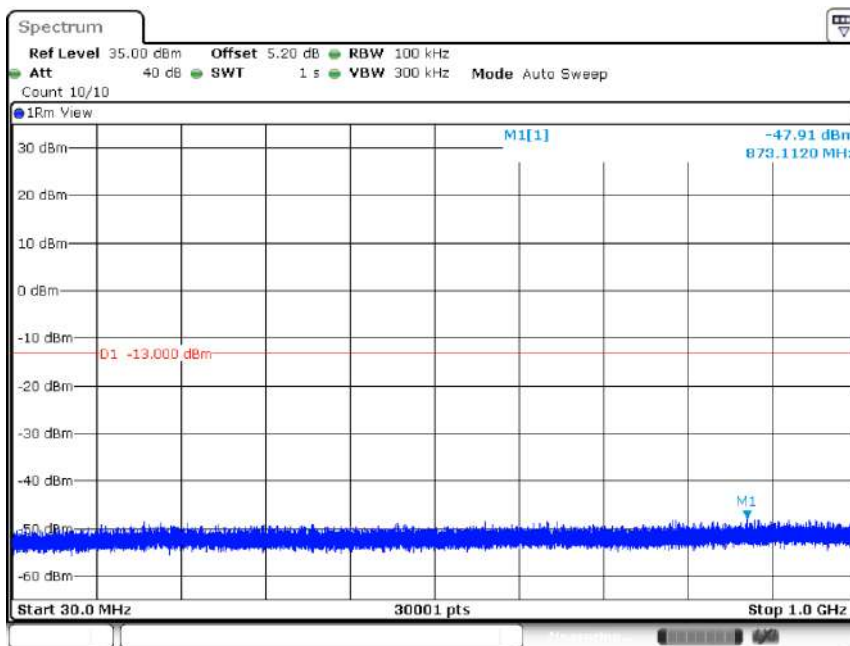
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Band25-20MHz-64QAM-26140-1RB#0-Range2:1000~20000MHz



Date: 11 AUG 2020 09:20:58

Band25-20MHz-64QAM-26365-1RB#0-Range1:30~1000MHz

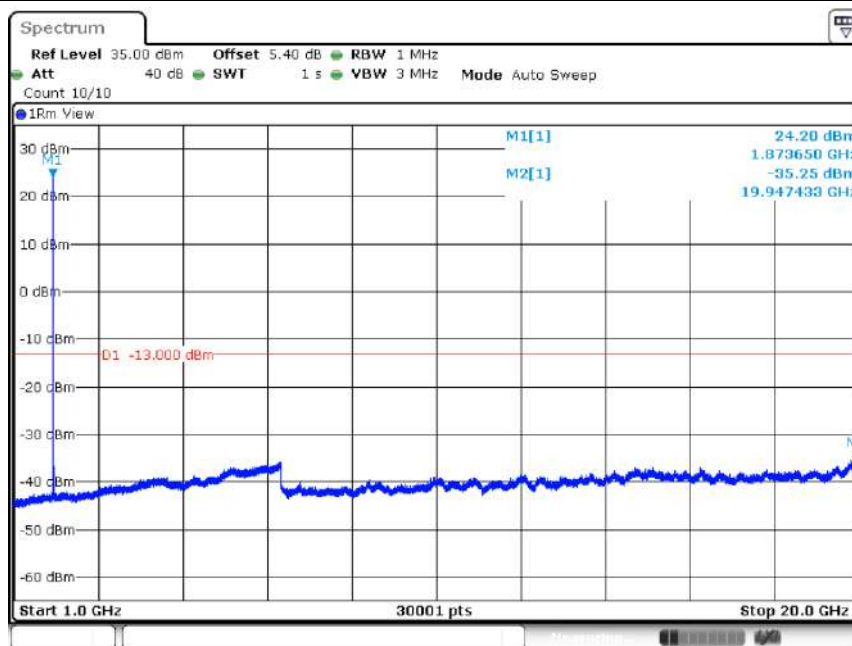


Date: 11 AUG 2020 09:21:17



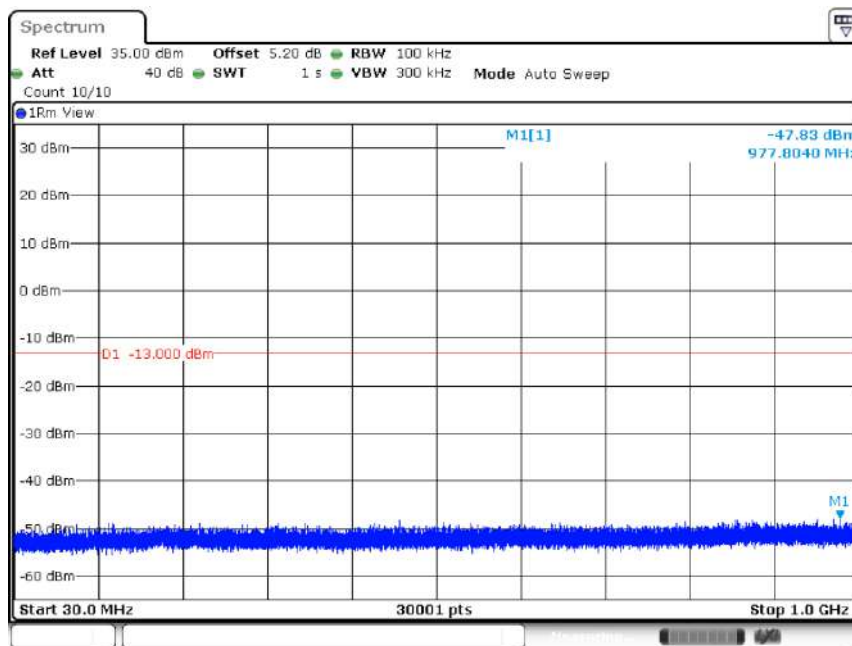
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Band25-20MHz-64QAM-26365-1RB#0-Range2:1000~20000MHz



Date: 11 AUG 2020 09:21:33

Band25-20MHz-64QAM-26590-1RB#0-Range1:30~1000MHz



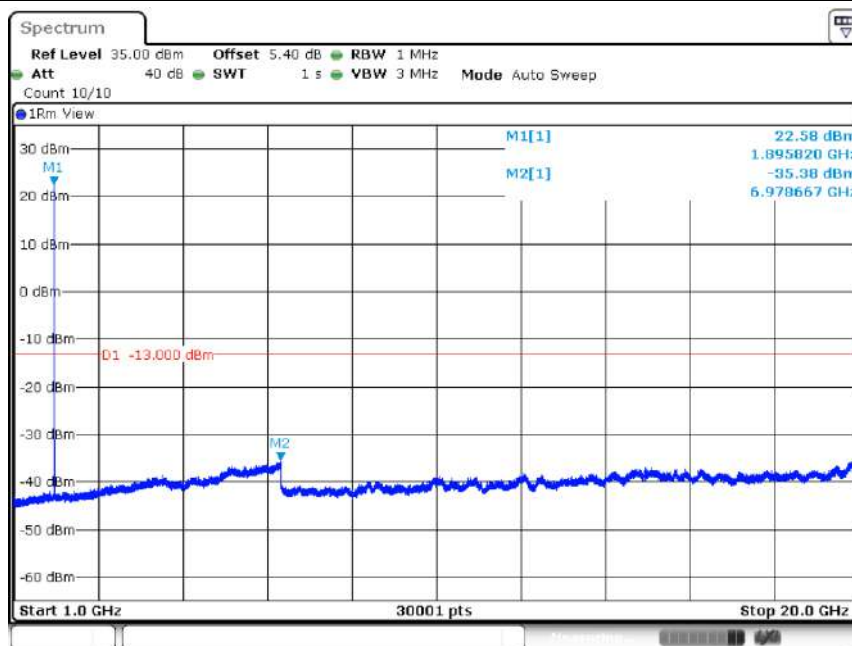
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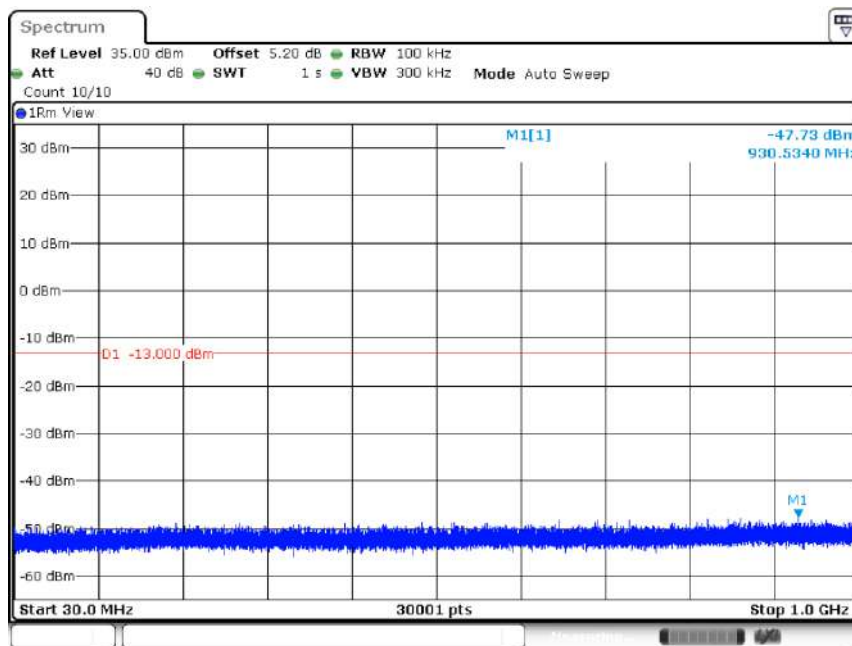
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Band25-20MHz-64QAM-26590-1RB#0-Range2:1000~20000MHz



Date: 11 AUG 2020 09:22:08

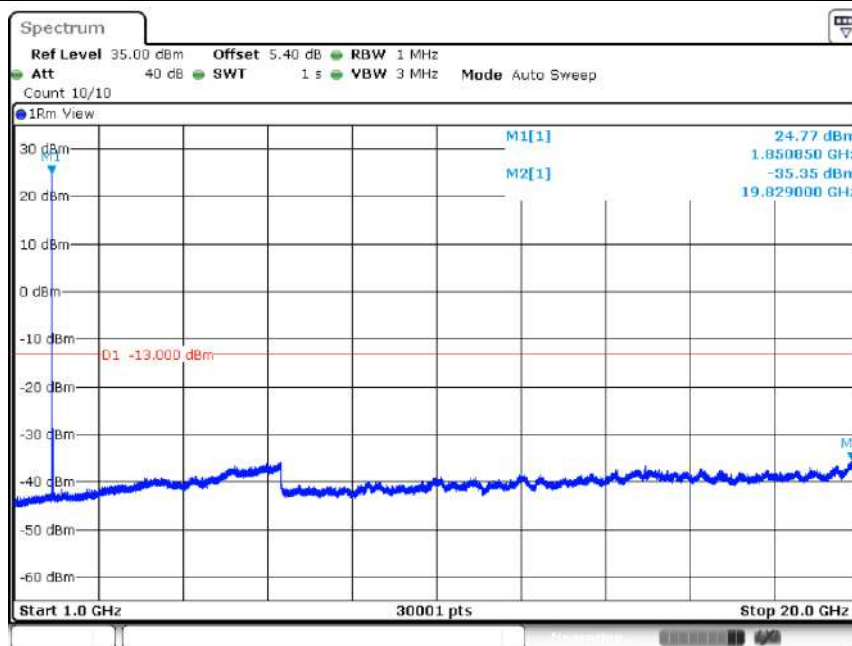
Band25-20MHz-16QAM-26140-1RB#0-Range1:30~1000MHz



Date: 10 AUG 2020 22:39:38

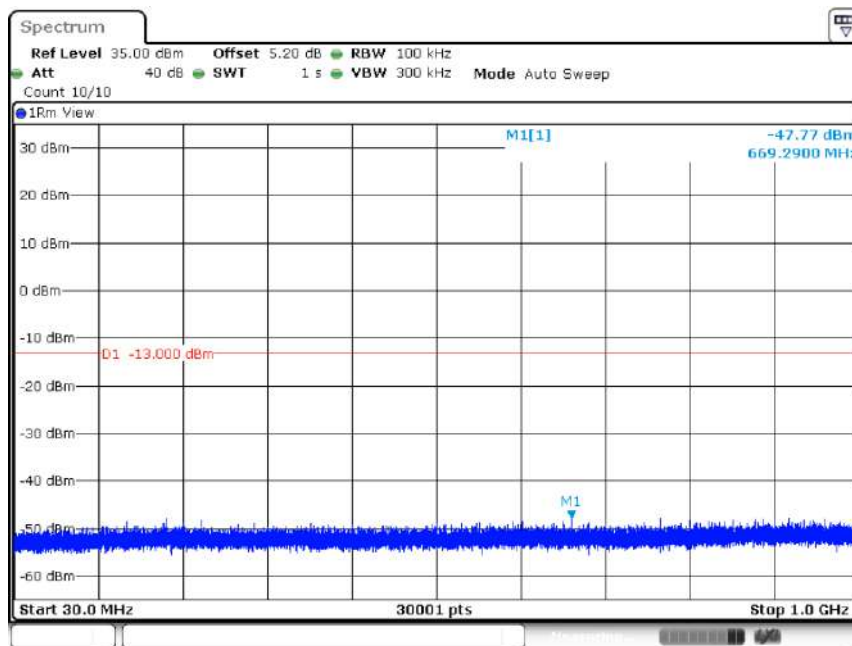


Band25-20MHz-16QAM-26140-1RB#0-Range2:1000~20000MHz



Date: 10.AUG 2020 22:39:54

Band25-20MHz-16QAM-26365-1RB#0-Range1:30~1000MHz

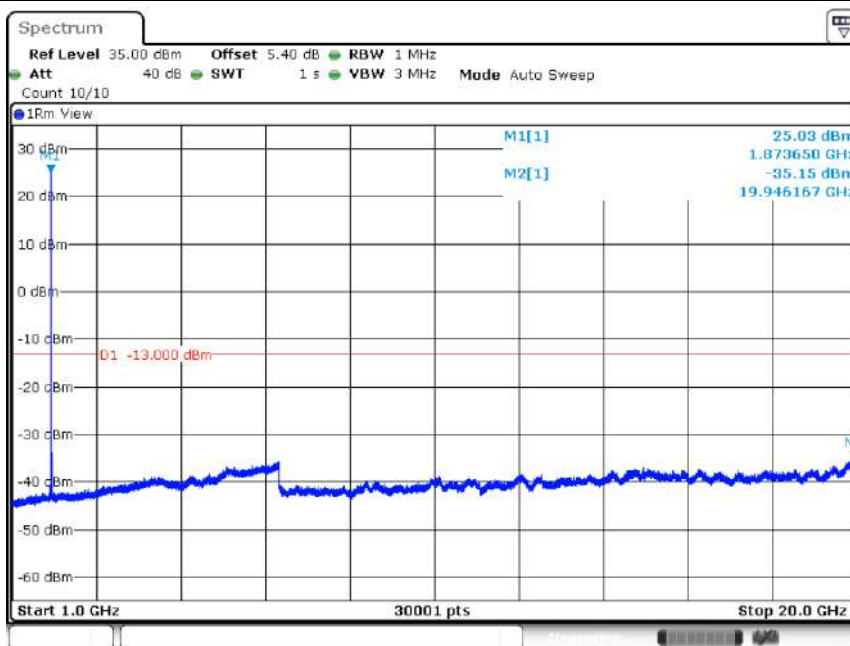


Date: 10.AUG 2020 22:40:48



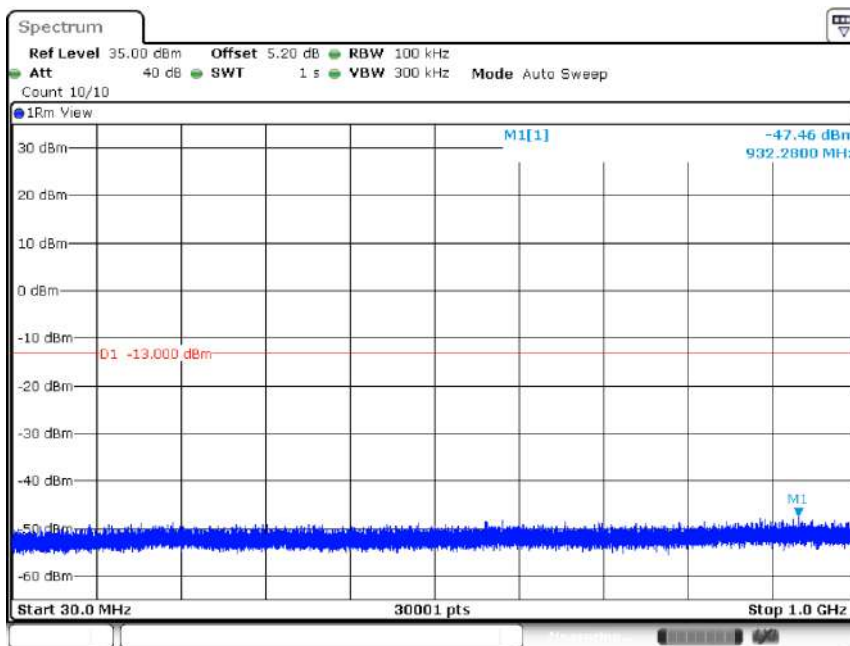
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Band25-20MHz-16QAM-26365-1RB#0-Range2:1000~20000MHz



Date: 10.AUG 2020 22:41:04

Band25-20MHz-16QAM-26590-1RB#0-Range1:30~1000MHz

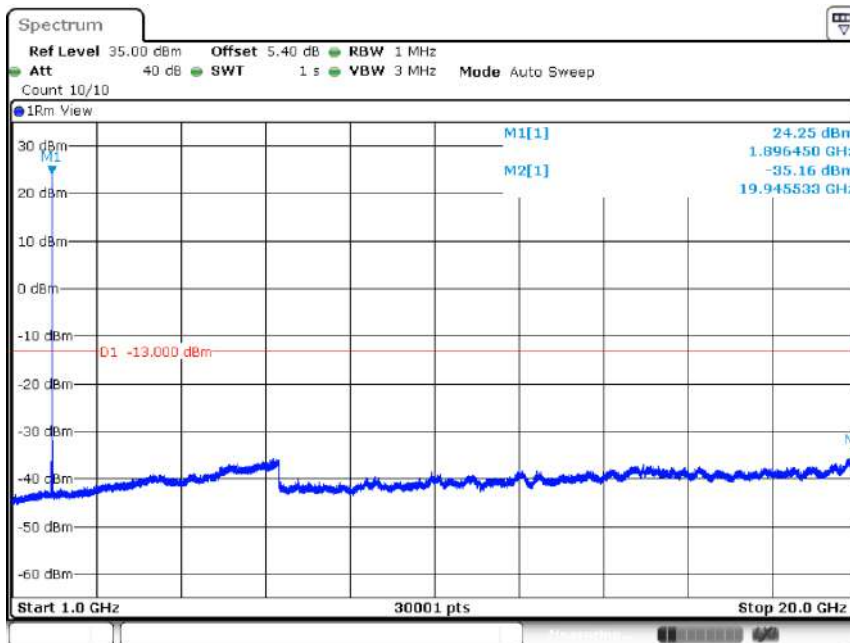


Date: 10.AUG 2020 22:41:58



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Band25-20MHz-16QAM-26590-1RB#0-Range2:1000~20000MHz



Date: 10.AUG 2020 22:42:15



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
73.1187	-63.19	-13.00	50.19	246	133	Vertical
429.9025	-67.41	-13.00	54.41	191	293	Vertical
2713.9428	-37.63	-13.00	24.63	321	312	Vertical
3702.0234	-46.19	-13.00	33.19	262	260	Vertical
5553.0851	-53.85	-13.00	40.85	284	133	Vertical
17995.4999	-40.54	-13.00	27.54	154	325	Vertical
43.7262	-64.66	-13.00	51.66	215	36	Horizontal
240.1125	-68.33	-13.00	55.33	158	133	Horizontal
631.0906	-63.52	-13.00	50.52	196	4	Horizontal
2698.3397	-36.48	-13.00	23.48	184	31	Horizontal
3702.5234	-49.97	-13.00	36.97	321	196	Horizontal
16373.9458	-43.45	-13.00	30.45	262	165	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
73.9917	-63.15	-13.00	50.15	216	101	Vertical
394.2047	-68.01	-13.00	55.01	196	356	Vertical
2700.7401	-37.76	-13.00	24.76	231	86	Vertical
3747.0249	-47.73	-13.00	34.73	252	293	Vertical
5620.5874	-52.73	-13.00	39.73	284	133	Vertical
17998.5000	-39.98	-13.00	26.98	184	197	Vertical
44.5022	-64.77	-13.00	51.77	315	69	Horizontal
245.4963	-68.05	-13.00	55.05	192	36	Horizontal
509.1555	-65.39	-13.00	52.39	231	100	Horizontal
2699.1398	-36.39	-13.00	23.39	285	286	Horizontal
3747.0249	-50.01	-13.00	37.01	174	197	Horizontal
16400.9467	-43.72	-13.00	30.72	185	324	Horizontal

7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
74.4282	-64.39	-13.00	51.39	215	293	Vertical
331.0546	-69.73	-13.00	56.73	191	325	Vertical
2701.9404	-37.78	-13.00	24.78	321	176	Vertical
3792.0264	-52.97	-13.00	39.97	254	293	Vertical
5688.0896	-55.16	-13.00	42.16	184	261	Vertical
17995.4999	-39.94	-13.00	26.94	321	261	Vertical
39.7490	-63.67	-13.00	50.67	174	94	Horizontal
232.2551	-68.54	-13.00	55.54	185	256	Horizontal
720.8685	-62.98	-13.00	49.98	196	0	Horizontal
2695.1390	-36.57	-13.00	23.57	231	229	Horizontal
3792.0264	-56.55	-13.00	43.55	262	192	Horizontal
16398.4466	-43.41	-13.00	30.41	264	256	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	VL	NT	-1.90	-0.001022	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	VN	NT	-8.30	-0.004462	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	VH	NT	7.20	0.003871	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VL	NT	1.10	0.000584	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VN	NT	-2.30	-0.001222	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VH	NT	6.30	0.003347	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VL	NT	-5.10	-0.002677	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VN	NT	-8.20	-0.004304	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VH	NT	7.20	0.003780	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	VL	NT	-9.70	-0.005215	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	VN	NT	-2.30	-0.001237	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	VH	NT	-13.40	-0.007204	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	VL	NT	4.00	0.002125	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	VN	NT	-12.50	-0.006640	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	VH	NT	3.50	0.001859	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	VL	NT	-0.60	-0.000315	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	VN	NT	-8.50	-0.004462	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	VH	NT	-0.60	-0.000315	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	VL	NT	-5.60	-0.003011	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	VN	NT	3.60	0.001935	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	VH	NT	4.60	0.002473	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	VL	NT	-0.40	-0.000212	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	VN	NT	1.60	0.000850	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	VH	NT	4.20	0.002231	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	VL	NT	1.00	0.000525	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	VN	NT	1.40	0.000735	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	VH	NT	1.80	0.000945	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	NV	-30	-3.90	-0.002097	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	-20	-9.30	-0.005000	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	-10	7.90	0.004247	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	0	-8.60	-0.004624	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	10	-2.90	-0.001559	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	20	-0.20	-0.000108	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	30	4.90	0.002634	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	40	7.30	0.003925	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	50	-2.60	-0.001398	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-30	-0.60	-0.000319	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-20	-2.10	-0.001116	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-10	-4.80	-0.002550	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	0	-10.50	-0.005578	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	10	-10.80	-0.005737	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	20	3.50	0.001859	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	30	-8.60	-0.004568	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	40	-4.30	-0.002284	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	50	6.70	0.003559	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-30	-5.40	-0.002835	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-20	-6.50	-0.003412	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-10	-3.80	-0.001995	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	0	-0.80	-0.000420	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	10	5.80	0.003045	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	20	6.20	0.003255	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	30	0.60	0.000315	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	40	5.60	0.002940	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	50	2.90	0.001522	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	-30	-0.70	-0.000376	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	-20	-15.90	-0.008548	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	-10	-12.70	-0.006828	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	0	-16.90	-0.009086	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	10	-2.30	-0.001237	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	20	-8.70	-0.004677	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	30	-15.70	-0.008441	±2.5	PASS



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Band25	20MHz	64QAM	26140	100RB#0	NV	40	-0.30	-0.000161	±2.5	PASS
Band25	20MHz	64QAM	26140	100RB#0	NV	50	0.80	0.000430	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	-30	9.10	0.004834	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	-20	-9.10	-0.004834	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	-10	6.60	0.003506	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	0	0.00	0.000000	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	10	8.40	0.004462	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	20	-4.80	-0.002550	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	30	0.40	0.000212	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	40	-5.40	-0.002869	±2.5	PASS
Band25	20MHz	64QAM	26365	100RB#0	NV	50	7.70	0.004090	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	-30	3.90	0.002047	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	-20	-6.90	-0.003622	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	-10	-5.10	-0.002677	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	0	-2.20	-0.001155	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	10	-3.90	-0.002047	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	20	3.60	0.001890	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	30	-11.40	-0.005984	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	40	-1.20	-0.000630	±2.5	PASS
Band25	20MHz	64QAM	26590	100RB#0	NV	50	3.00	0.001575	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	-30	-5.60	-0.003011	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	-20	3.20	0.001720	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	-10	6.90	0.003710	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	0	2.70	0.001452	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	10	-6.10	-0.003280	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	20	-8.90	-0.004785	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	30	-9.00	-0.004839	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	40	-0.90	-0.000484	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	50	-8.00	-0.004301	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	-30	-8.80	-0.004675	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	-20	-5.80	-0.003081	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	-10	-5.50	-0.002922	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	0	6.40	0.003400	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	10	-6.00	-0.003187	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	20	-0.70	-0.000372	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	30	2.90	0.001541	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	40	-9.30	-0.004940	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	50	-1.80	-0.000956	±2.5	PASS



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Band25	20MHz	16QAM	26590	100RB#0	NV	-30	-5.80	-0.003045	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	-20	6.60	0.003465	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	-10	-4.20	-0.002205	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	0	-0.60	-0.000315	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	10	-7.30	-0.003832	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	20	3.20	0.001680	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	30	-7.10	-0.003727	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	40	-7.70	-0.004042	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	50	-10.60	-0.005564	±2.5	PASS

The End

