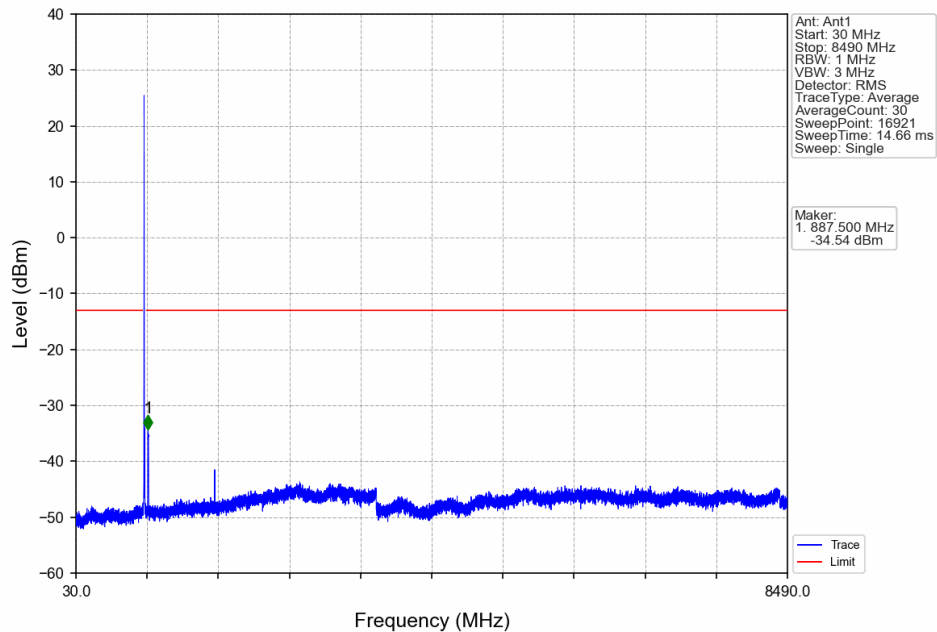


Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

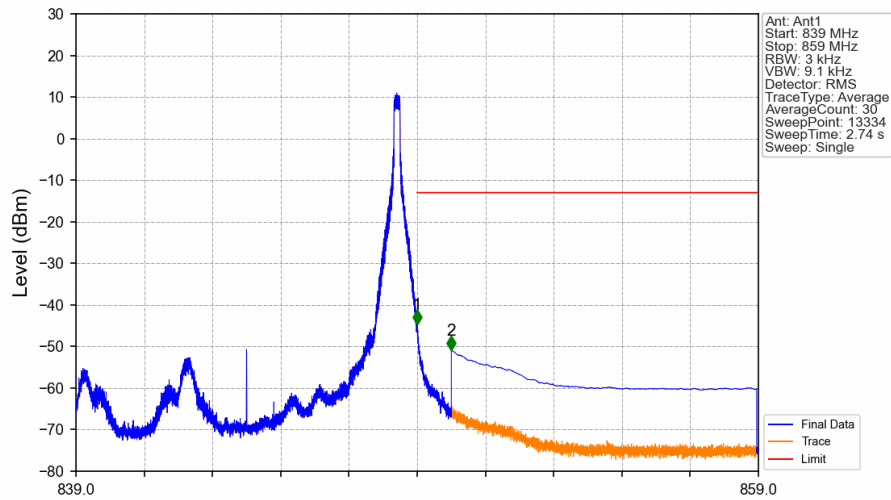


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Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	1	849.001	-44.69	-13	Pass
849	859	0.1	CHP	2	850.001	-50.86	-13	Pass



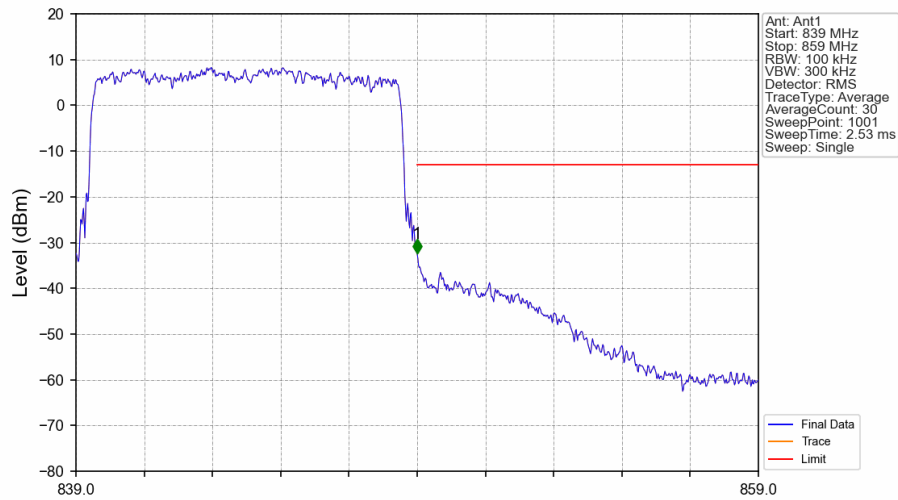
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Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.000	-32.45	-13	Pass



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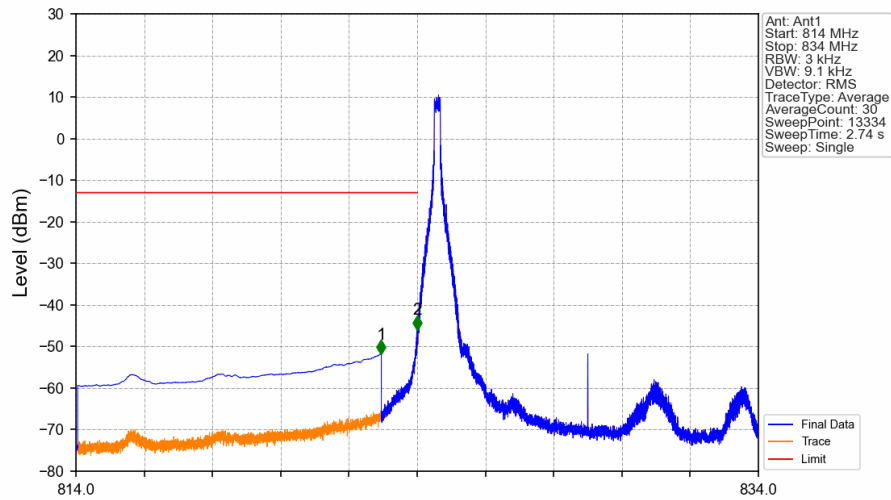
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Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.948	-51.82	-13	Pass
823	824	0.003	/	2	823.998	-45.95	-13	Pass
824	834	0.003	/	/	/	/	/	/



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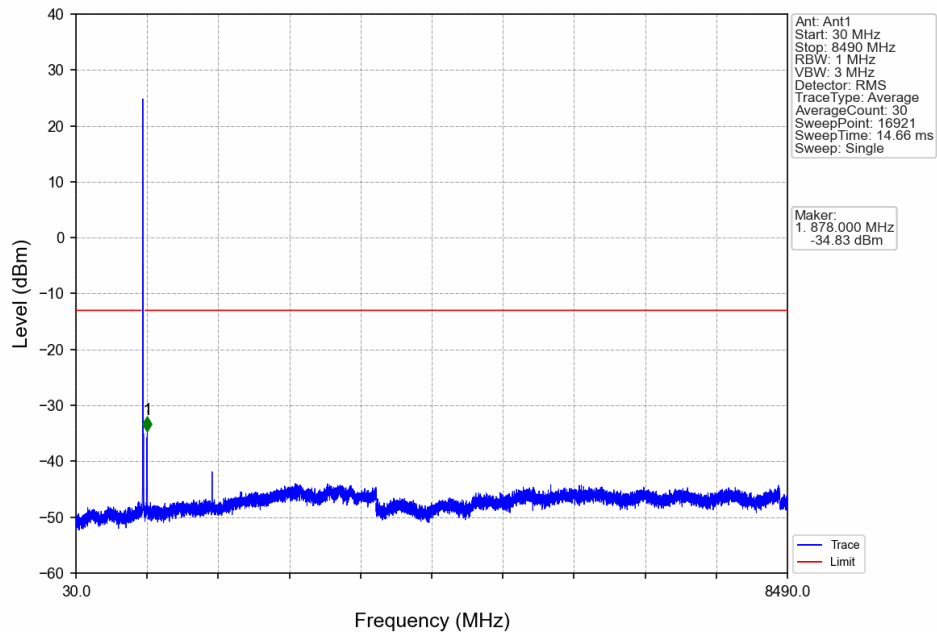
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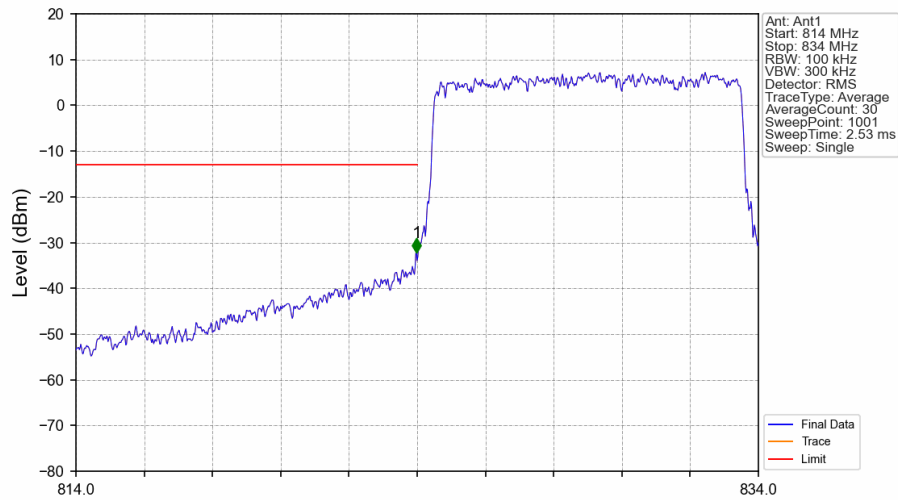
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Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.980	-32.19	-13	Pass
824	834	0.1	/	/	/	/	/	/



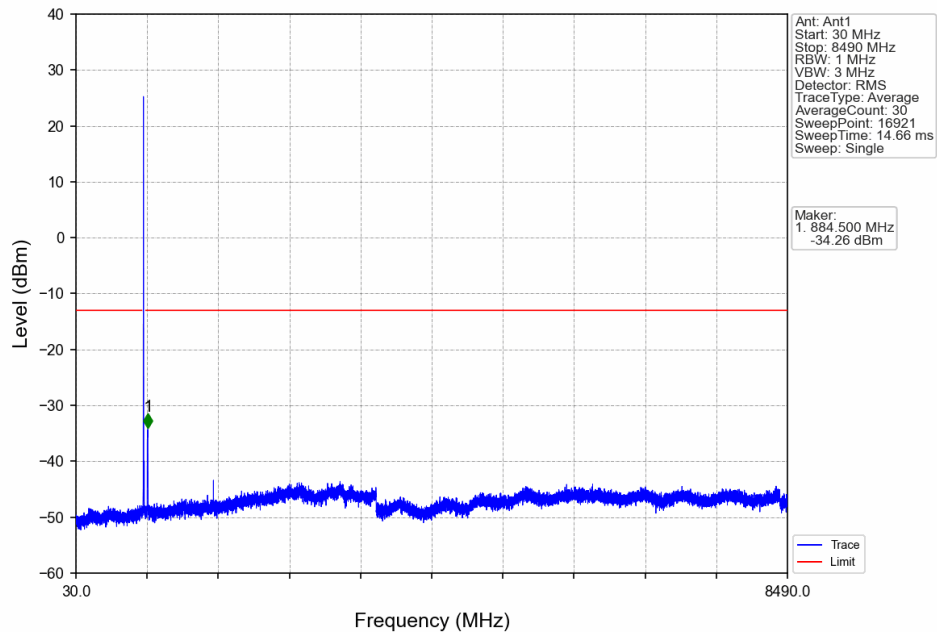
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Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



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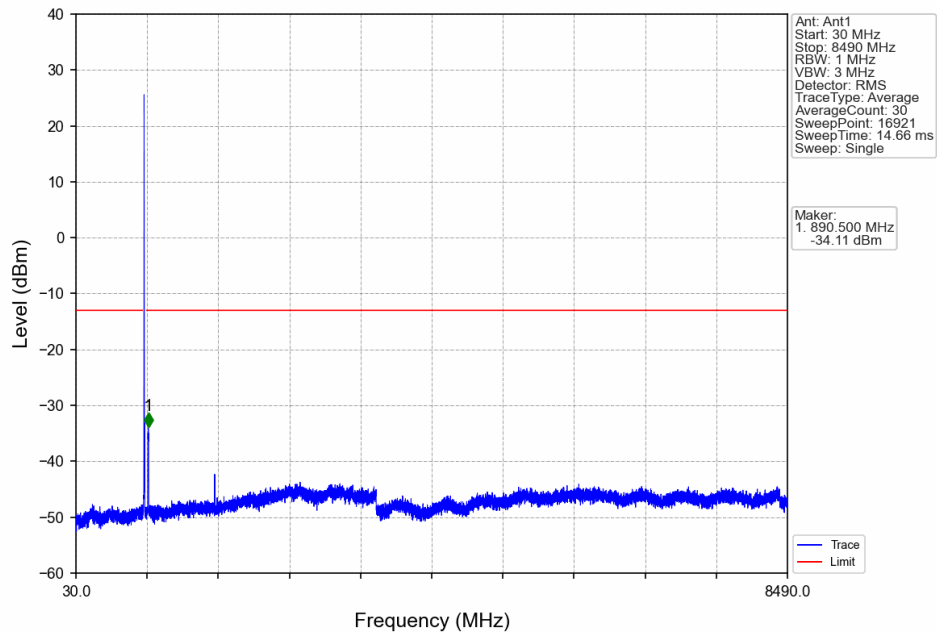
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Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



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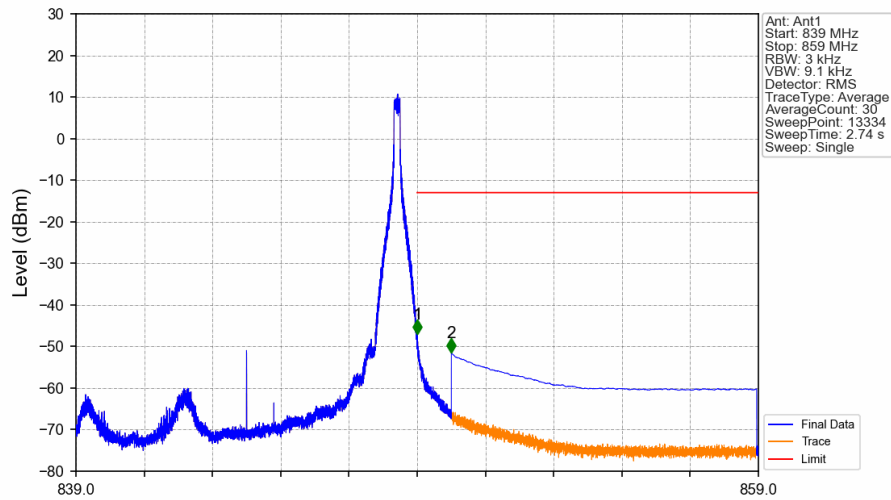
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Band5 10MHz 16QAM HCH 844MHz RB 1 49 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	1	849.002	-46.97	-13	Pass
849	859	0.1	CHP	2	850.001	-51.49	-13	Pass



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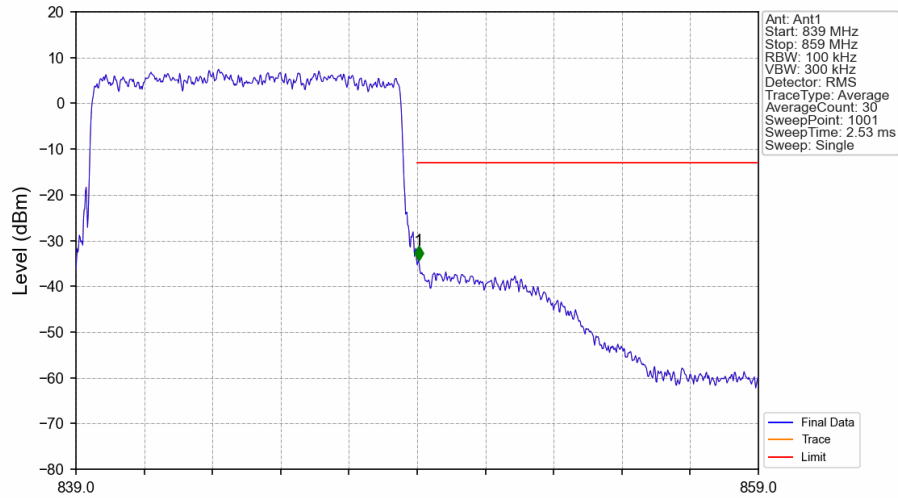
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Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.040	-34.30	-13	Pass



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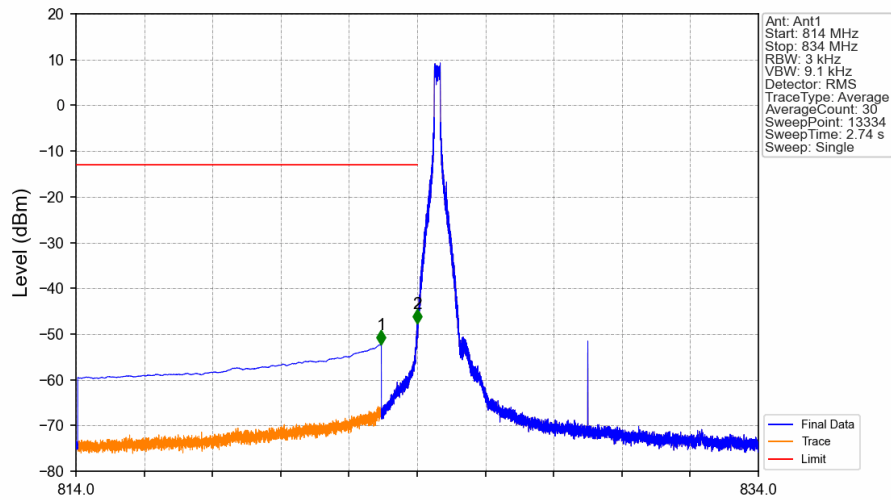
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Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	822.948	-52.28	-13	Pass
823	824	0.003	/	2	823.999	-47.74	-13	Pass
824	834	0.003	/	/	/	/	/	/



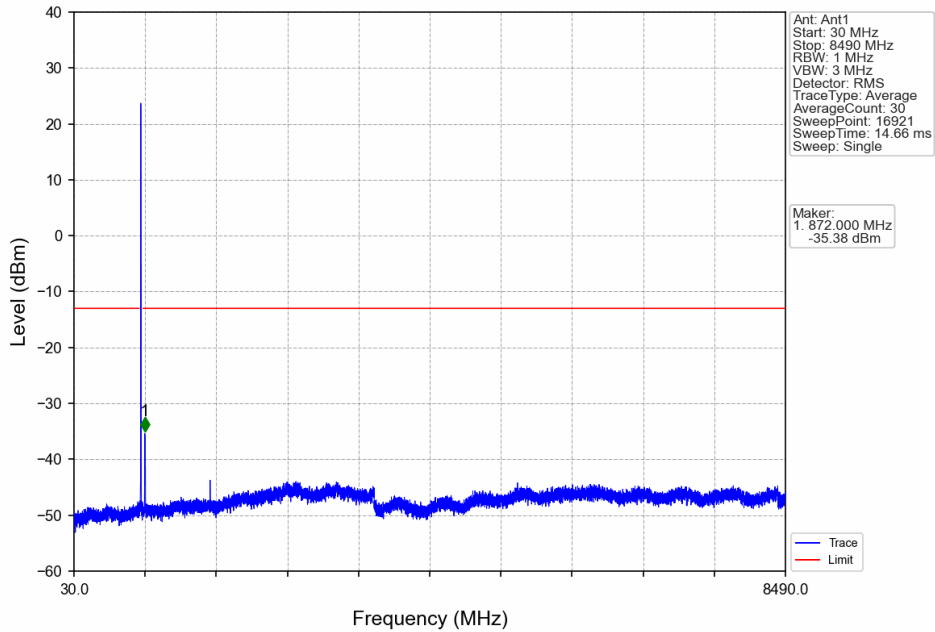
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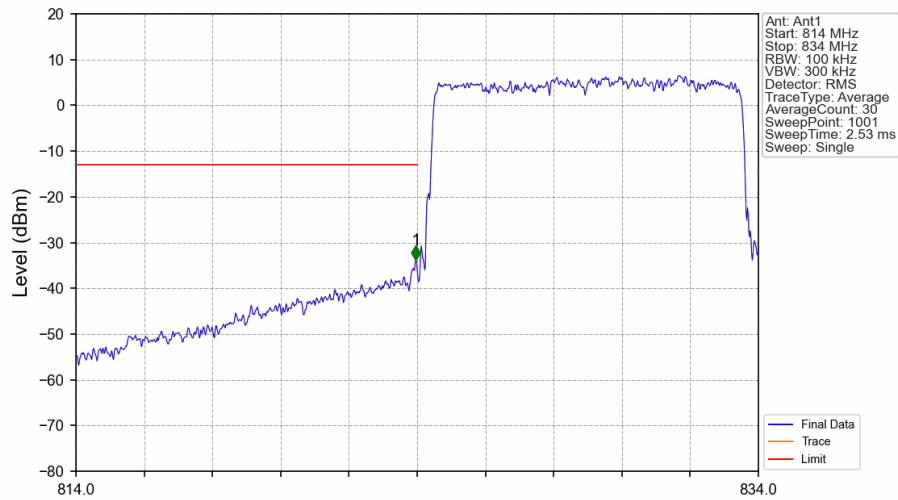
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Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	823.960	-33.82	-13	Pass
824	834	0.1	/	/	/	/	/	/

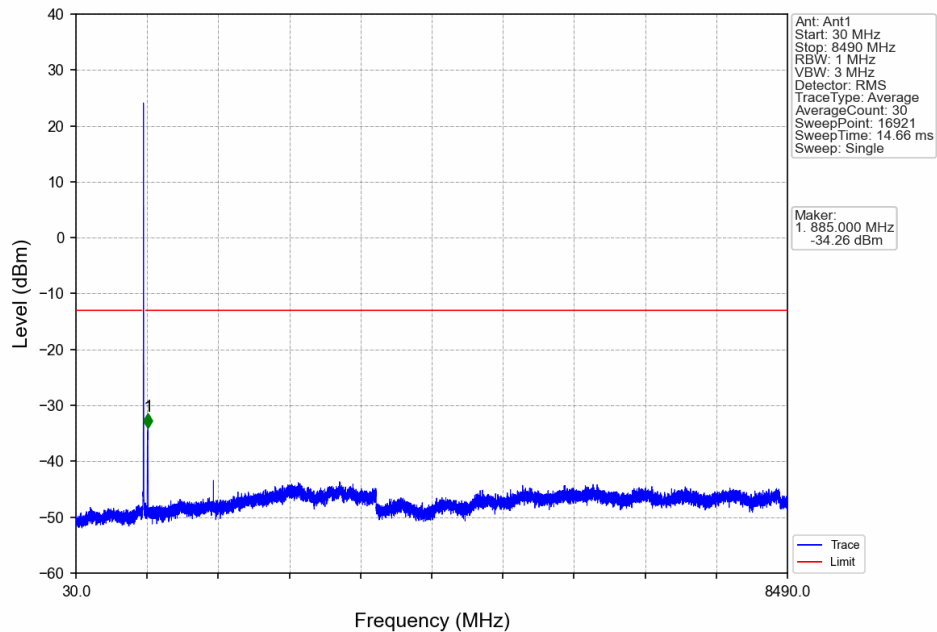


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Band5_10MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



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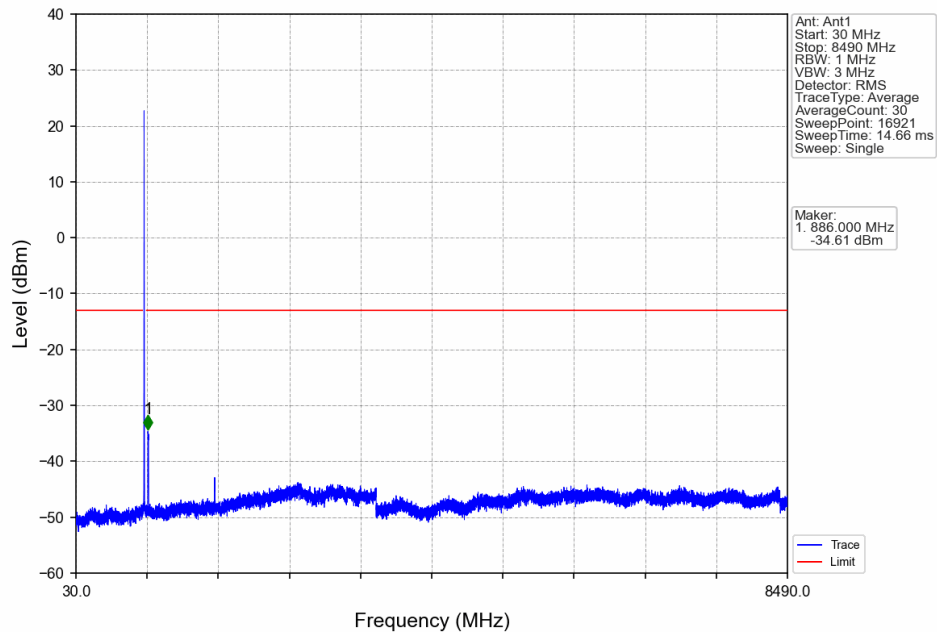
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Band5_10MHz_64QAM_HCH_844MHz_RB_1_0_NTNV



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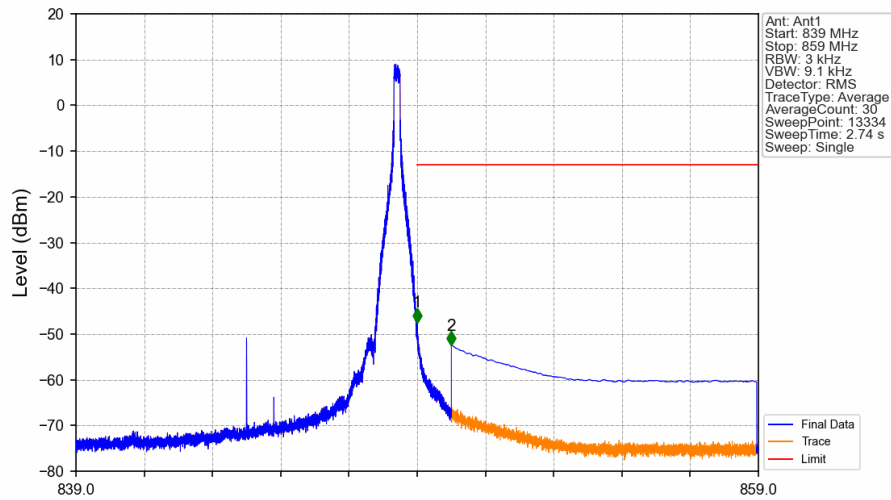
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Band5 10MHz 64QAM HCH 844MHz RB 1 49 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	1	849.001	-47.45	-13	Pass
849	859	0.1	CHP	2	850.001	-52.52	-13	Pass



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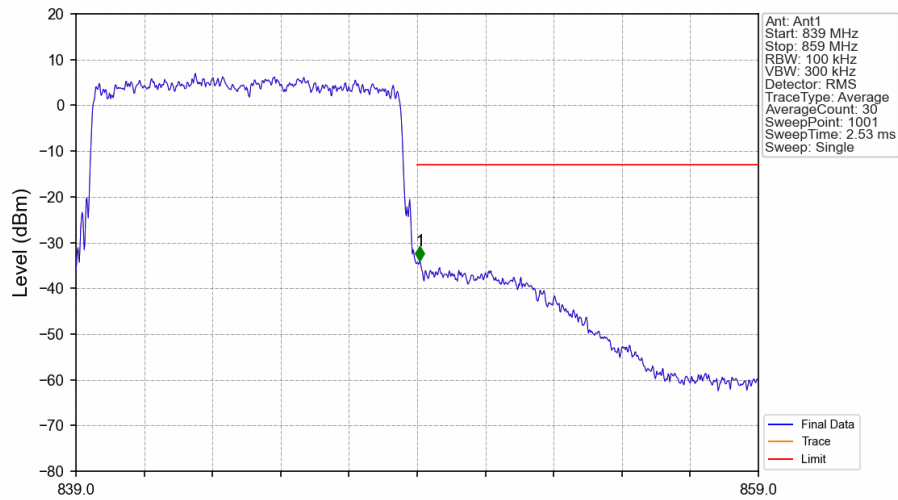
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Band5 10MHz 64QAM HCH 844MHz RB 50 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.080	-33.93	-13	Pass



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5. Effective (Isotropic) Radiated Power Output Data

ANT1

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.55	23.96	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.60	24.01	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.57	23.98	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.71	23.12	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.53	23.94	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.66	24.07	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.68	24.09	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.69	23.1	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.56	23.97	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.57	23.98	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.56	23.97	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.62	23.03	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.94	23.35	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.00	23.41	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.97	23.38	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.79	22.2	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.94	23.35	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.10	23.51	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.01	23.42	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.77	22.18	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.94	23.35	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.00	23.41	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.85	23.26	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.74	22.15	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.78	22.19	38.45	PASS



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Band5	1.4MHz	64QAM	20407	1RB#2	21.85	22.26	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.84	22.25	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.71	21.12	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.89	22.3	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	22.03	22.44	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.86	22.27	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.70	21.11	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.77	22.18	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.84	22.25	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.62	22.03	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.65	21.06	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.68	24.09	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.76	24.17	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.72	24.13	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.81	23.22	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.64	24.05	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.82	24.23	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.77	24.18	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.84	23.25	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.66	24.07	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.79	24.2	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.70	24.11	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.71	23.12	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.07	23.48	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.05	23.46	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.10	23.51	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.81	22.22	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.95	23.36	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.18	23.59	38.45	PASS



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Band5	3MHz	16QAM	20525	1RB#14	23.08	23.49	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.84	22.25	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.98	23.39	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.00	23.41	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.03	23.44	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.75	22.16	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.90	22.31	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	22.03	22.44	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	22.05	22.46	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.78	21.19	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.92	22.33	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	22.11	22.52	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.99	22.4	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.83	21.24	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.94	22.35	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.93	22.34	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.86	22.27	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.75	21.16	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.65	24.06	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.73	24.14	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.70	24.11	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.81	23.22	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.70	24.11	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.80	24.21	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.68	24.09	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.91	23.32	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.63	24.04	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.82	24.23	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.61	24.02	38.45	PASS



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Band5	5MHz	QPSK	20625	25RB#0	22.77	23.18	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.03	23.44	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.92	23.33	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.07	23.48	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.78	22.19	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.99	23.4	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.06	23.47	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.09	23.5	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.89	22.3	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.01	23.42	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.95	23.36	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.94	23.35	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.84	22.25	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.92	22.33	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.91	22.32	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.97	22.38	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.87	21.28	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.85	22.26	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	22.04	22.45	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	22.03	22.44	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.82	21.23	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.91	22.32	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.94	22.35	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.77	22.18	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.82	21.23	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.72	24.13	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.68	24.09	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.76	24.17	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.82	23.23	38.45	PASS



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Band5	10MHz	QPSK	20525	1RB#0	23.68	24.09	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.66	24.07	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.70	24.11	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.83	23.24	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.75	24.16	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.69	24.1	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.61	24.02	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.77	23.18	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.00	23.41	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.13	23.54	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.04	23.45	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.80	22.21	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.05	23.46	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.07	23.48	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.21	23.62	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.71	22.12	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.00	23.41	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.14	23.55	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.15	23.56	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.80	22.21	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.73	22.14	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.83	22.24	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	22.02	22.43	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.74	21.15	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.89	22.3	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	22.02	22.43	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	22.09	22.5	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.89	21.3	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	22.02	22.43	38.45	PASS



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Band5	10MHz	64QAM	20600	1RB#24	21.92	22.33	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	22.03	22.44	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.72	21.13	38.45	PASS



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6. Field Strength of Spurious Radiation

Test Band = LTE Band5_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.1429	69.16	-48.22	25.27	-49.05	-13.00	36.05	Horizontal
2	2473.7143	57.01	-47.32	27.23	-58.34	-13.00	45.34	Horizontal
3	3298.3600	42.40	-46.68	28.48	-71.06	-13.00	58.06	Horizontal
4	4122.9500	40.98	-45.91	29.40	-70.80	-13.00	57.80	Horizontal
5	4947.5400	41.53	-45.69	31.29	-68.13	-13.00	55.13	Horizontal
6	5772.1300	39.58	-44.64	32.65	-67.66	-13.00	54.66	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.1429	61.44	-48.22	25.27	-56.77	-13.00	43.77	Vertical
2	2473.7143	52.53	-47.32	27.23	-62.82	-13.00	49.82	Vertical
3	3298.3600	43.08	-46.68	28.48	-70.38	-13.00	57.38	Vertical
4	4122.9500	41.03	-45.91	29.40	-70.75	-13.00	57.75	Vertical
5	4947.5400	41.74	-45.69	31.29	-67.92	-13.00	54.92	Vertical
6	5772.1300	39.46	-44.64	32.65	-67.78	-13.00	54.78	Vertical



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Test Band = LTE Band5_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1664	65.79	-48.20	25.30	-52.38	-13.00	39.38	Horizontal
2	2496.2700	53.43	-47.28	27.29	-61.82	-13.00	48.82	Horizontal
3	3328.3600	43.27	-46.64	28.50	-70.13	-13.00	57.13	Horizontal
4	4160.4500	41.50	-45.94	29.49	-70.21	-13.00	57.21	Horizontal
5	4992.5400	41.56	-45.79	31.38	-68.11	-13.00	55.11	Horizontal
6	5824.6300	39.80	-44.74	32.67	-67.53	-13.00	54.53	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1664	60.45	-48.20	25.30	-57.72	-13.00	44.72	Vertical
2	2496.2700	48.07	-47.28	27.29	-67.18	-13.00	54.18	Vertical
3	3328.3600	42.80	-46.64	28.50	-70.60	-13.00	57.60	Vertical
4	4160.4500	42.07	-45.94	29.49	-69.64	-13.00	56.64	Vertical
5	4992.5400	41.44	-45.79	31.38	-68.23	-13.00	55.23	Vertical
6	5824.6300	40.88	-44.74	32.67	-66.45	-13.00	53.45	Vertical



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Test Band = LTE Band5_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679.1800	68.41	-48.18	25.32	-49.72	-13.00	36.72	Horizontal
2	2518.7700	58.69	-47.21	27.34	-56.44	-13.00	43.44	Horizontal
3	3358.3600	42.47	-46.60	28.52	-70.87	-13.00	57.87	Horizontal
4	4197.9500	40.83	-45.96	29.58	-70.81	-13.00	57.81	Horizontal
5	5037.5400	41.03	-45.65	31.49	-68.39	-13.00	55.39	Horizontal
6	5887.1300	40.00	-44.93	32.68	-67.51	-13.00	54.51	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1679.1800	67.58	-48.18	25.32	-50.55	-13.00	37.55	Vertical
2	2518.7700	58.55	-47.21	27.34	-56.58	-13.00	43.58	Vertical
3	3358.3600	42.17	-46.60	28.52	-71.17	-13.00	58.17	Vertical
4	4197.9500	40.81	-45.96	29.58	-70.83	-13.00	57.83	Vertical
5	5037.5400	40.87	-45.65	31.49	-68.55	-13.00	55.55	Vertical
6	5887.1300	40.36	-44.93	32.68	-67.15	-13.00	54.15	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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